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**Surveillance for Certain Health Behaviors
Among States and Selected Local Areas —
Behavioral Risk Factor Surveillance System,
United States, 2003**

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Surveillance for Certain Health Behaviors Among States and Selected Local Areas — Behavioral Risk Factor Surveillance System, United States, 2003

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Abstract

Problem: Data on health risk behaviors (e.g., cigarette smoking, binge drinking, and physical inactivity) for chronic diseases and use of preventive practices (e.g., influenza and pneumococcal vaccination for adults aged ≥ 65 years and cholesterol screening) are essential for developing effective health education and intervention programs and policies to prevent morbidity and mortality from chronic diseases. Continuous monitoring of these behaviors and practices at the state, city, and county levels can help public health programs in evaluating progress toward improving their community's health.

Reporting Period Covered: Data collected in 2003 are presented for states, selected metropolitan and micropolitan statistical areas (MMSAs), and their counties.

Description of the System: The Behavioral Risk Factor Surveillance System (BRFSS) is an ongoing, state-based, random-digit-dialed telephone survey of the civilian, noninstitutionalized U.S. population aged ≥ 18 years. All 50 states, the District of Columbia, Guam, the Commonwealth of Puerto Rico, and the U.S. Virgin Islands participated in BRFSS during 2003. Within these states and territories, 105 MMSAs and 153 counties that reported data for at least 500 respondents or a minimum sample size of 19 per weighting class were included in the analyses.

Results: Prevalence of high-risk behaviors for chronic diseases, awareness of certain medical conditions, and use of preventive health-care services varied substantially by state/territory, MMSA, and county. The proportion of the population that achieved *Healthy People 2010* (HP 2010) objectives also varied by state/territory, MMSA, and county. Twelve states, 39 MMSAs, and 65 counties achieved the HP 2010 objective to reduce the proportion of adults who engage in no leisure-time physical activity to 20%. Twenty states, 41 MMSAs, and 63 counties achieved the HP 2010 goal of 50% of adults engaging in moderate physical activity for at least 30 minutes per day. The HP 2010 goal of 30% of adults who engage in vigorous physical activity was achieved by 17 states, 33 MMSAs, and 57 counties. Two states, one MMSA, and one county achieved the HP 2010 current cigarette smoking goal of 12% prevalence. One county achieved the HP 2010 binge drinking goal of 6% prevalence among adults. One MMSA and eight counties achieved the HP 2010 goal of 15% for obesity prevalence. The HP 2010 goal for influenza and pneumococcal vaccination coverage of 90% was not achieved by any state, MMSA, or county. No state, MMSA, or county achieved the HP 2010 objective of 17% prevalence of high cholesterol among adults.

Interpretation: The findings in this report indicate substantial variation in health risk behaviors and use of preventative services among adults at state and local levels, indicating a need for appropriate public health interventions and continued efforts to evaluate public health programs and policies and health-care-related efforts designed to reduce morbidity and mortality.

Public Health Action: Data from BRFSS are useful for assessing national health objectives, for identifying and characterizing at risk populations, and for designing and evaluating health promotion and disease prevention programs and policies. The 2003 BRFSS data indicate a continued need to develop and implement health promotion programs for targeting specific behaviors and practices and provides information for measuring progress towards achieving disease prevention and health promotion goals at state and local levels.

The material in this report originated in the National Center for Chronic Disease Prevention and Health Promotion, Janet Collins, PhD, Director, and the Division of Adult and Community Health, Wayne Giles, MD, Acting Director.

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Introduction

Chronic diseases are the leading causes of morbidity and mortality in the United States. A limited number of health risk behaviors, such as cigarette smoking, poor nutrition, physical inactivity, and under use of prevention practices, are linked to chronic diseases. One major goal of public

health is to prevent and reduce the prevalence of health risk behaviors and subsequent morbidity and mortality attributed to chronic diseases (1–10). *Healthy People 2010* (HP 2010) objectives aim to reduce the impact of high-risk behaviors and increase use of preventative services (11).

The Behavioral Risk Factor Surveillance System (BRFSS) is an ongoing, state-based surveillance system and a key source for information on health risk behavior, preventive health practices, and access to health care. BRFSS has been a source of risk behavior data since 1984, providing comparable state-specific prevalence estimates of selected health risk behaviors that are associated with chronic diseases. The growth in BRFSS sample size facilitates calculation of prevalence estimates for selected metropolitan and micropolitan statistical areas (MMSAs) and selected counties. The MMSAs used in this report are defined by the Bureau of the Census on the basis of county population density (12). This report provides 2003 prevalence estimates for selected risk factors by states/territories, MMSAs, and counties. Comparisons are also made between 2003 prevalence estimates and HP 2010 objectives (Table 1). The reliability and validity of measures of BRFSS and new challenges facing this surveillance system have been described (13,14).

Methods

BRFSS is a cross-sectional telephone survey conducted by state and territorial health departments with assistance from CDC. BRFSS uses a multistage sampling design based on random-digit-dialing methods to select a representative sample of the civilian, noninstitutionalized population aged ≥ 18 years in each state. The BRFSS questionnaire includes questions regarding personal behaviors that increase risk for one or more of the 10 leading causes of death in the United States. This report includes data from states/territories, selected MMSAs, and their counties in the 50 states, the District of Columbia (DC), Guam, Puerto Rico, and the U.S. Virgin Islands with a sample size of ≥ 500 respondents or 19 per weighting class, a total of 105 MMSAs and 153 counties. Statistics for selected cities and counties were reported as not available if the denominator was < 50 or the confidence interval half width was > 10 . In 2003, a total of 264,684 interviews were completed.

Questionnaire

The 2003 BRFSS questionnaire is partitioned into three components: the core, optional modules, and state-added questions. The core is a set of standardized questions that are asked of all respondents in each state and territory.

Optional modules are sets of standardized questions regarding specific topics that are available for states to select. Each state selects the optional modules that will be used for the survey year. State-added questions are sets of questions, designed and used by one or more states to address state-specific needs. BRFSS public use files and publications use data from the core and optional modules only. Because the BRFSS employs a standard questionnaire (core questions) and standard protocol, comparable data are provided to all states on a quarterly basis.

The 2003 BRFSS questionnaire included core questions that addressed demographics, including county of residence, health status, health-care access, exercise, participation in physical activities, smoking status, overweight, obesity, diabetes, hypertension awareness, cholesterol awareness, fruits and vegetables consumption, weight control, asthma, immunization, alcohol consumption, excess sun exposure, arthritis, falls, disability, veteran's status, and human immunodeficiency virus/acquired immunodeficiency syndrome (HIV/AIDS). In addition, states selected the following optional modules: diabetes (49 states), cardiovascular disease (25), expanded arthritis (25), childhood asthma (23), adult asthma history (19), tobacco indicators (18), heart attack and stroke (17), influenza (13), women's health (13), binge drinking (13), other tobacco products (11), oral health (10), colorectal cancer screening (10), folic acid (nine), and prostate cancer screening (six). Measures used in this report include no leisure-time physical activity, sufficient moderate or vigorous physical activity, cigarette smoking, alcohol consumption patterns, overweight and obesity, asthma, diabetes, disability, influenza and pneumococcal vaccinations for persons aged ≥ 65 years, and cholesterol and hypertension awareness.

Data Collection and Processing

BRFSS data are collected monthly during the interviewing period in each state. Data are sent to CDC after the monthly interviewing cycle ends, where they are checked for reliability. In 2003, all states, DC, and U.S. territories used a computer-assisted telephone interviewing (CATI) system to collect data.

Data Weighting and Analysis

CDC edits and aggregates the monthly data files to create a yearly sample for each state. That file is weighted to the respondent's probability of being selected and the age-, race-, sex-specific population from the 2003 census for each state and selected MMSAs. These weights are used to calculate state and MMSA prevalence estimates. Detailed weighting and analytic methodologies are documented elsewhere (15).

SAS[®] and SUDAAN[®] were used in the analyses to account for the complex sampling design and to calculate the standard errors and 95% confidence intervals (CIs) (16,17). In 2003, the number of interviews completed ranged from 766 in Guam to 18,249 in Washington (median: 4,138), and the response rates ranged from 34.4% in New Jersey to 80.5% in Puerto Rico (median: 53.2%) based on Council of American Survey and Research Organizations guidelines. Cooperation rates ranged from 60.1% in California to 91.9% in Puerto Rico (median: 74.8%). When compared with census data, BRFSS data have minimal bias, indicated by the consistency between the demographic profiles of the state-specific BRFSS sample and the state population. Bias estimates in 2000 were lower compared with BRFSS data collected in 1995, when the response rates were higher (13). In addition, when BRFSS data are compared with other surveys, these data are reliable and valid (14). Aggregate BRFSS data provide national prevalence estimates that are used to monitor progress towards achieving health promotion and disease prevention goals (18).

Results

Health Risk Behaviors

No Leisure-Time Physical Activity

Leisure-time physical activity was measured by the respondent's indication of any participation in exercise (e.g., running, calisthenics, golf, gardening, or walking), other than their regular job, during the preceding month. In 2003, the prevalence of no participation in leisure-time activity ranged from 45.1% (95% CI = 43.2%–47.1%) in Puerto Rico to 15.0% (CI = 13.8%–16.3%) in Minnesota (median: 23.1%) (Table 2). Among all selected MMSAs, prevalence of no participation in leisure-time physical activity ranged from 33.5% (CI = 28.5%–38.4%) in Topeka, Kansas, to 13.4% (CI = 11.8%–15.0%) in Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin (median: 21.6%) (Table 3); among counties, the prevalence ranged from 33.7% (CI = 28.7%–38.7%) in Kings County, New York, to 10.9% (CI = 6.9%–14.9%) in Dakota County, Minnesota (median: 21.4%) (Table 4). Twelve states, 39 MMSAs, and 65 counties achieved the HP 2010 objective to reduce the proportion of adults who engage in no leisure-time physical activity to 20%.

Sufficient Moderate and Vigorous Physical Activity

Respondents were asked about the frequency and duration of both moderate and vigorous physical activities they

engage in during a usual week. Responses to these questions were used to determine if respondents engaged in enough physical activity to achieve the recommendation detailed in HP 2010 goals (Table 1). Respondents who reported engaging in moderate physical activity, which causes small increases in breathing or heart rate, on at least 5 days per week for at least 30 minutes each day met guidelines for sufficient moderate physical activity. Respondents who reported engaging in vigorous physical activity, which causes large increases in breathing or heart rate, on 3 or more days per week for at least 20 minutes met guidelines for sufficient vigorous physical activity.

In 2003, the percentages of adults who reported sufficient moderate physical activity ranged from 58.5% (CI = 56.3%–60.6%) in Montana to 33.8% (CI = 32.0%–35.6%) in Kentucky (median: 47.2%) (Table 5). Among MMSAs, the prevalence of sufficient moderate physical activity ranged from 61.5% (CI = 56.8%–66.2%) in Fairbanks, Alaska, to 35.7% (CI = 31.6%–39.9%) in Louisville, Kentucky-Indiana (median: 48.3%) (Table 6); among counties, the prevalence ranged from 65.6% (CI = 58.3%–72.8%) in Summit County, Utah, to 33.3% (CI = 27.4%–39.2%) in Jefferson County, Kentucky (median: 48.8%) (Table 7). Twenty states, 41 MMSAs, and 63 counties achieved the HP 2010 goal of 50% of adults engaging in moderate physical activity for at least 30 minutes per day.

The percentages of adults who reported sufficient vigorous physical activity ranged from 35.5% (CI = 33.4%–37.5%) in Utah to 15.9% (CI = 14.2%–17.6%) in Puerto Rico (median: 26.3%) (Table 8). Among MMSAs, the prevalence of sufficient vigorous physical activity ranged from 41.9% (CI = 37.1%–46.7%) in Fairbanks, Alaska, to 17.6% (CI = 13.5%–21.7%) in Topeka, Kansas (median: 26.8%) (Table 9); among counties, the prevalence ranged from 51.1% (CI = 43.3%–59.0%) in Summit County, Utah, to 16.0% (CI = 11.3%–20.6%) in Jefferson County, Kentucky (median: 27.6%) (Table 10). The HP 2010 goal of 30% adults who engage in vigorous physical activity was achieved by 17 states, 33 MMSAs, and 57 counties.

Current Cigarette Smoking

Respondents were classified as current smokers if they had smoked ≥ 100 cigarettes during their lifetimes and reported smoking every day or some days during the 12 months preceding the survey. In 2003, the prevalence of adults who were current cigarette smokers ranged from 34.0% (CI = 30.2%–37.8%) in Guam to 10.0% (CI = 8.2%–11.7%) in the U.S. Virgin Islands (median: 22.0%) (Table 11). Among all selected MMSAs, the prevalence of current smokers ranged from 28.9% (CI = 25.0%–32.7%)

in Louisville, Kentucky-Indiana, to 10.4% (CI = 7.5%–13.3%) in Ogden-Clearfield, Utah (median: 21.8%) (Table 12). The prevalence of current smoking among counties ranged from 30.1% in Orleans Parish, Louisiana (CI = 24.4%–35.9%), to 10.0% (CI = 5.8%–14.2%) in Summit County, Utah (median: 20.5%) (Table 13). Two states, one MMSA, and one county achieved the HP 2010 current cigarette smoking goal of 12% prevalence.

Alcohol Consumption

Two measures of alcohol consumption are reported for 2003: binge drinking and heavy drinking.

Binge drinking. Binge drinking was defined as having five or more drinks on at least one occasion during the preceding month. In 2003, the prevalence of binge drinking among persons ranged from 24.2% (CI = 22.4%–25.9%) in Wisconsin to 6.5% (CI = 5.4%–7.7%) in Tennessee (median: 16.5%) (Table 14). The prevalence of binge drinking for selected MMSAs ranged from 24.9% (CI = 16.5%–33.4%) in Fargo, North Dakota-Minnesota, to 6.8% (CI = 4.4%–9.1%) in Memphis, Tennessee-Mississippi-Arkansas (median: 16.0%) (Table 15), and for counties, the prevalence ranged from 26.2% (CI = 21.1%–31.2%) in Charleston County, South Carolina, to 3.9% (CI = 1.4%–6.4%) in Shelby County, Tennessee (median: 16.7%) (Table 16). One county achieved the HP 2010 binge drinking goal of 6% prevalence among adults.

Heavy drinking. Heavy drinking was defined as an average of two or more drinks per day for men or one or more drinks per day for women during the month preceding the interview. In 2003, the prevalence of heavy drinking ranged from 8.6% (CI = 7.4%–9.7%) in Wisconsin to 2.2% (CI = 1.5%–2.8%) in Tennessee (median: 5.7%) (Table 17). The prevalence of heavy drinking in selected MMSAs ranged from 9.3% (CI = 2.4%–16.3%) in Fargo, North Dakota-Minnesota, to 1.6% (CI = 0.4%–2.7%) in Charleston, West Virginia (median: 5.8%) (Table 18), and for counties, the prevalence ranged from 11.5% (CI = 7.8%–15.1%) in Charleston County, South Carolina, to 1.1% (CI = 0.1%–2.1%) in Weber County, Utah (median: 5.9%) (Table 19).

Chronic Conditions

Overweight and Obesity

Self-reported weight and height were used to calculate body mass index (BMI) (weight [kg]/height [m²]). Overweight, which also includes obesity, was classified as BMI ≥ 25.0 and obesity as BMI ≥ 30.0 . In 2003, the prevalence of overweight adults ranged from 64.9% (CI = 63.1%–66.6%) in Mississippi to 50.0% (CI = 48.1%–51.9%) in

Hawaii (median: 60.1%) (Table 20). Among MMSAs, the prevalence of overweight adults ranged from 66.0% (CI = 60.2%–71.9%) in Huntington-Ashland, West Virginia-Kentucky-Ohio, to 48.2% (CI = 44.9%–51.5%) in Cambridge-Newton-Framingham, Massachusetts metropolitan division (median: 58.2%) (Table 21); among counties, the prevalence ranged from 70.2% (CI = 64.3%–76.1%) in Lake County, Indiana, to 44.4% (CI = 36.4%–52.5%) in Summit County, Utah (median: 57.5%) (Table 22).

The prevalence of obesity ranged from 28.4% (CI = 26.5%–30.2%) in Alabama to 16.0% (CI = 14.6%–17.3%) in Colorado (median: 22.7%) (Table 23). Among selected MMSAs, obesity prevalence ranged from 32.2% (CI = 26.4%–38.0%) in Huntington-Ashland, West Virginia-Kentucky-Ohio, to 13.4% (CI = 11.2%–15.7%) in Cambridge-Newton-Framingham, Massachusetts metropolitan division (median: 21.8%) (Table 24) and among counties from 32.7% (CI = 26.6%–38.8%) in Lake County, Indiana, to 12.4% (CI = 7.4%–17.3%) in Summit County, Utah (median: 20.9%) (Table 25). One MMSA and eight counties achieved the HP 2010 goal of 15% for obesity prevalence.

Asthma

Respondents who were ever told by a health professional that they had asthma and reported that they still have asthma were classified as having current asthma. The prevalence of current asthma ranged from 10.8% (CI = 9.6%–12.0%) in Puerto Rico to 4.5% (CI = 3.0%–6.0%) in the U.S. Virgin Islands (median: 7.5%) (Table 26). Among MMSAs, the prevalence of current asthma ranged from 12.5% (CI = 9.1%–15.8%) in Fairbanks, Alaska, to 3.6% (CI = 1.9%–5.2%) in Miami-Fort Lauderdale-Miami Beach, Florida (median: 7.7%) (Table 27), and among counties, the prevalence ranged from 12.5% (CI = 9.1%–15.8%) in Fairbanks/North Star Borough, Alaska, to 3.5% (CI = 1.9%–5.1%) in Mecklenburg County, North Carolina (median: 7.6%) (Table 28).

Diabetes

Persons were classified as having diabetes if they reported ever being told by a doctor that they have diabetes. Gestational diabetes was not included in these reported estimates. In 2003, diabetes prevalence ranged from 11.0% (CI = 10.0%–12.0%) in Mississippi to 4.7% (CI = 4.0%–5.4%) in Colorado (median: 7.2%) (Table 29). Among MMSAs, diabetes prevalence estimates ranged from 11.6% in Huntington-Ashland, West Virginia-Kentucky-Ohio (CI = 8.3%–14.8%) to 4.1% (CI = 2.4%–5.9%) in Fairbanks, Alaska (median: 6.5%) (Table 30). Among the selected counties, the prevalence of diabetes ranged from 11.7% (CI =

7.9%–15.5%) in Orleans Parish, Louisiana, to 2.1% (CI = 0.6%–3.5%) in Summit County, Utah, and Tolland County, Connecticut (CI = 0.3%–3.9%) (median: 6.5%) (Table 31).

Disability

Two dimensions of disability were defined: limitation of activity because of physical, mental, and emotional problems and the required use of special equipment (e.g., cane, wheelchair, special bed, or special telephone).

Limited activity. Prevalence estimates for respondents who reported being limited in any way in any activities because of physical, mental, or emotional problems ranged from 26.4% (CI = 24.7%–28.0%) in West Virginia to 11.2% (CI = 10.1%–12.3%) in Hawaii (median: 18.3%) (Table 32). Among selected MMSAs, the prevalence ranged from 28.2% (CI = 22.9%–33.5%) in Huntington-Ashland, West Virginia-Kentucky-Ohio, to 9.9% (CI = 8.5%–11.3%) in Honolulu, Hawaii (median: 17.9%) (Table 33). Among counties, the prevalence of respondents who reported limited activities ranged from 27.0% (CI = 24.1%–30.0%) in Spokane County, Washington, to 9.0% (CI = 4.3%–13.8%) in Lake County, Illinois (median: 17.6%) (Table 34).

Use of special equipment. Respondents were asked if they have health problem(s) that required the use of special equipment. The percentage of respondents who required use of special equipment ranged from 8.6% in Mississippi and West Virginia (CI = 7.7%–9.5%; CI = 7.6%–9.6%, respectively) to 3.5% (CI = 2.6%–4.5%) in the U.S. Virgin Islands (median: 5.9%) (Table 35). Among selected MMSAs, the use of special equipment ranged from 9.9% (CI = 8.0%–11.8%) in Spokane, Washington, to 2.8% (CI = 1.3%–4.3%) in Raleigh-Cary, North Carolina (median: 5.7%) (Table 36). Among counties, use of special equipment prevalence ranged from 11.4% (CI = 7.4%–15.5%) in Philadelphia County, Pennsylvania, to 2.3% (CI = 0.5%–4.1%) in Weber County, Utah (median: 5.6%) (Table 37).

Preventative Practices

Influenza Vaccination

In 2003, state-specific prevalence estimates for self-reported influenza vaccination among persons aged ≥ 65 years during the 12 months preceding the survey ranged from 80.3% (CI = 77.5%–83.1%) in Minnesota to 34.9% (CI = 27.3%–42.4%) in the U.S. Virgin Islands (median: 69.9%) (Table 38). Among selected MMSAs, the prevalence of influenza vaccination ranged from 83.8% (CI = 80.0%–87.6%) in Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin, to 54.3% (CI = 46.1%–62.5%) in Las Vegas-Paradise, Nevada (median: 71.7%) (Table 39).

Among counties, influenza vaccination prevalence ranged from 86.9% (CI = 78.5%–95.3%) in Nassau County, New York, to 54.3% (CI = 46.1%–62.5%) in Clark County, Nevada (median: 74.0%) (Table 40). The HP 2010 goal for influenza vaccination coverage of 90% was not achieved by any state, MMSA, or county.

Pneumococcal Vaccination

The percentage of pneumococcal vaccination coverage among persons aged ≥ 65 years ranged from 73.0% (CI = 69.8%–76.3%) in Minnesota to 31.6% (CI = 24.0%–39.2%) in the U.S. Virgin Islands (median: 64.5%) (Table 41). Pneumococcal vaccination prevalence for selected MMSAs ranged from 80.5% (CI = 72.9%–88.2%) in Casper, Wyoming, to 47.6% (CI = 42.5%–52.7%) in New York-Wayne-White Plains, New York-New Jersey metropolitan division (median: 66.0%) (Table 42). Pneumococcal vaccination prevalence for counties ranged from 81.2% (CI = 71.4%–91.0%) in Nassau County, New York, to 49.2% (CI = 42.6%–55.9%) in DC (median: 68.6%) (Table 43). The HP 2010 goal for pneumococcal vaccination coverage of 90% was not achieved by any state, MMSA, or county.

Cholesterol Awareness

Respondents were asked about the history of their blood cholesterol measurements, if they ever had their blood cholesterol checked, and, if so, if it was checked during the preceding 5 years. In addition, those who had had their cholesterol checked were asked if at any time they were told that their blood cholesterol level was high. In 2003, the percentage of persons who never had their blood cholesterol checked ranged from 29.5% in Utah (CI = 27.4%–31.5%) and Guam (CI = 25.6%–33.3%) to 14.8% (CI = 13.6%–15.9%) in Massachusetts (median: 23.1%) (Table 44). Among MMSAs, the prevalence ranged from 32.6% (CI = 28.2%–37.1%) in Yakima, Washington, to 10.4% (CI = 7.7%–13.1%) in Essex County, Massachusetts (median: 21.1%) (Table 45) and among counties from 34.6% (CI = 27.1%–42.0%) in Franklin County, Washington, to 10.4% (CI = 7.7%–13.2%) in Essex County, Massachusetts (median: 20.3%) (Table 46).

Of those who ever had their blood cholesterol checked, respondents who did not have it checked during the preceding 5 years ranged from 6.2% (CI = 4.9%–7.4%) in Alaska to 1.5% (CI = 1.0%–1.9%) in Florida (median: 3.9%) (Table 47). Among selected MMSAs, respondents who had not had their blood cholesterol checked during the preceding 5 years ranged from 7.4% (CI = 5.2%–9.5%) in Olympia, Washington, to 0.7% (CI = 0.1%–1.3%) in Miami-Fort Lauderdale-Miami Beach, Florida (median:

3.8%) (Table 48). Among counties, the percentage of persons who had not had their blood cholesterol checked during the preceding 5 years ranged from 7.4% (CI = 5.2%–9.5%) in both Multnomah County, Oregon, and Thurston County, Washington, to 0.8% (CI = 0.1%–1.5%) in Prince George's County, Maryland (median: 3.7%) (Table 49).

Among the respondents who received a blood cholesterol check, those who were told their cholesterol was high ranged from 38.2% (CI = 36.1%–40.2%) in Michigan to 27.0% (CI = 25.1%–28.8%) in Hawaii (median: 33.1%) (Table 50), and among selected MMSAs, the range was from 44.9% (CI = 38.1%–51.7%) in Huntington-Ashland, West Virginia, Kentucky, and Ohio, to 24.7% (CI = 20.1%–29.3%) in Las Cruces, New Mexico (median: 32.5%) (Table 51). Among counties, the percentage of persons who were told their cholesterol was high ranged from 41.8% (CI = 35.1%–48.5%) in Nassau County, New York, to 22.8% (CI = 17.7%–28.0%) in Orange County, North Carolina (median: 32.7%) (Table 52). No state, MMSA, or county achieved the HP 2010 objective of 17% prevalence of high cholesterol among adults.

Hypertension Awareness

Respondents were asked if they had been told by a doctor, nurse, or other health-care professional that they have high blood pressure. In 2003, the percentage of persons who indicated that they were told they had high blood pressure ranged from 33.6% (CI = 31.8%–35.3%) in West Virginia to 18.8% (CI = 17.2%–20.3%) in Utah (median: 24.8%) (Table 53). Among selected MMSAs, the percentage of persons who were told they had high blood pressure ranged from 38.1% (CI = 32.1%–44.2%) in Huntington-Ashland, West Virginia, Kentucky, and Ohio, to 18.2% (CI = 15.8%–20.6%) in Salt Lake City, Utah (median: 24.0%) (Table 54). Among counties, the percentage of persons who were told that they had high blood pressure ranged from 33.8% (CI = 27.9%–39.7%) in Lorain County, Ohio, to 12.9% (CI = 8.7%–17.1%) in Summit County, Utah (median: 23.4%) (Table 55).

Discussion

The findings in this report document variation in the prevalence of key health risk behaviors related to chronic diseases and preventative practices among U.S. adults at the state, MMSA, and county level. State-specific BRFSS data have long been used to determine health priorities, develop strategic plans, target prevention programs, and monitor effectiveness of interventions at the state level. Local-

level data facilitates planning prevention and intervention programs and policies that are targeted to areas of greatest need within states.

Variation in risk behaviors and use of preventive practices might reflect differences in demographic and socioeconomic composition of the populations; availability of, access to, and use of health-care services; state laws or local ordinances; and reimbursement for preventive services. Each of these factors must be considered when analyzing these data.

Regular physical activity reduces the risk for heart attack, colon cancer, diabetes, and high blood pressure (1). The prevalence of no leisure-time physical activity and insufficient physical activity varied by state, select MMSAs, and their counties. Few states, MMSAs, and counties achieved HP 2010 recommendations for the proportion of adults engaged in no leisure-time and vigorous physical activity. More states achieved the recommendations for sufficient moderate physical activity (1).

Cigarette smoking is the single most preventable cause of morbidity and mortality in the United States (2). Despite prevention efforts to reduce smoking rates, certain areas have current smoking rates as high as 34.0%, as observed in Guam. Rates varied among MMSAs and counties, with rates as high as 30%. Overall, HP 2010 goals for current cigarette smoking were achieved by only four areas (i.e., Utah; U.S. Virgin Islands; Ogden-Clearfield, Utah; and Summit County, Utah). High smoking prevalence is indicative of the need for continuing and expanding prevention efforts.

Excessive alcohol consumption, including binge and heavy drinking, has been linked to injuries and deaths from motor-vehicle crashes, falls, fires, and drownings (19). Long-term heavy drinking increases the risk for high blood pressure, heart arrhythmias, stroke, and certain forms of cancer (3,10). In 2003, the prevalence of binge drinking was nearly 3 times higher than the prevalence of heavy drinking at state, MMSA, and county levels. These findings suggest that priority prevention strategies should focus on binge drinking in addition to heavy drinking among adults (20).

Overweight and obesity increase the risks for hypertension, heart disease, diabetes, arthritis-related disabilities, and certain cancers (4). Reducing obesity to 15% among adults is a national health objective for 2010. This objective was not achieved at the state level in 2003; however, it was reached in one MMSA and eight counties.

Asthma, a prevalent chronic disease of the lungs that disproportionately affect poor, minority, inner-city populations, contributes to serious morbidity and mortality (5). The 2003 BRFSS data indicate little variability in asthma prevalence among states/territories, MMSAs, and counties.

The major health consequences of diabetes include heart disease, stroke, blindness, kidney failure, pregnancy complications, lower-extremity amputations, and death. Given the high prevalence of overweight and obesity in the United States, monitoring the prevalence of diabetes is a major public health priority. Although BRFSS does not inquire about specific classification of diabetes, the overall estimated prevalence of diabetes was as much as 11% at the state and MMSA level.

Disabilities and limitation in activities severely affect quality of life and health behaviors such as physical activity and obesity (6). Variation in the prevalence of activity limitation and use of special equipment was observed within states, MMSAs, and local areas. These data suggest that severe disabilities requiring special equipment are not as prevalent as less severe disabilities.

For persons aged ≥ 65 years, influenza and pneumonia are leading causes of morbidity and mortality (7). The HP 2010 objective for vaccination coverage for persons in this age group is 90%. Despite numerous programmatic efforts, this objective was not achieved by any state, MMSA, or county in 2003.

Cardiovascular disease remains the leading cause of mortality in the United States, and capturing critical measurements of cardiovascular health is a major priority. BRFSS also measures screening practices and awareness of potential health threats, such as high cholesterol and hypertension. Despite initiatives to reduce the population's cardiovascular risk, as much as 30% of persons (e.g., in Utah) reported never having their blood cholesterol checked. Among those who had their blood cholesterol tested, as many as 45% at the MMSA level were told their blood cholesterol was high. In addition, approximately 38% of persons at the MMSA level reported being told by a health-care professional that their blood pressure was high. High blood cholesterol and hypertension are two modifiable health risk factors that, when reduced, can greatly decrease early mortality (8–10). Identifying and reducing risk among those with high cholesterol and hypertension are key strategies to preventing cardiovascular disease and stroke morbidity and mortality.

The findings in this report are subject to at least two limitations. First, BRFSS is a telephone-based survey and might miss areas or groups of the population without telephones. Thus, these data might not be representative of those without telephones. Second, all data are self-reported and, for certain behaviors, the reported estimates might be conservative. Despite these limitations, BRFSS is a cost-effective and timely telephone survey that provides essen-

tial information for state and local public health programs and policies. Moreover, the reliability and validity of BRFSS data has been assessed and proven (14).

Overall, these data document high prevalence of health risk behaviors associated with leading causes of disease and death in the United States and demonstrate a need for appropriate public health interventions. These data also demonstrate the usefulness of timely, comparable state-specific health behavioral data provided by BRFSS, which remains a unique tool for monitoring health risk behaviors over time and for supporting targeted prevention programs and policies at national, state, and local levels.

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TABLE 1. Assessment of the national health objectives* for 2010† using Behavioral Risk Factor Surveillance System (BRFSS) data for selected indicators

Objective no.	Objective	Year 2010 target	Range for states	Range for cities‡	Range for counties¶
22.1	Reduce the proportion of adults (aged ≥18 years) who engage in no leisure-time physical activity	20%	15.0%–45.1%	13.4%–33.5%	10.9%–33.7%
22.2	Increase the proportion of adults (aged ≥18 years) who engage regularly, preferably daily in moderate physical activity for at least 30 minutes per day	50%	33.8%–58.5%	35.7%–61.5%	33.3%–65.6%
22.3	Increase the proportion of adults (aged ≥18 years) who engage in vigorous physical activity that promotes the development and maintenance of cardiorespiratory fitness 3 or more days per week for 20 or more minutes per occasion	30%	15.9%–35.5%	17.6%–41.9%	16.0%–51.1%
27.1a	Reduce cigarette smoking by adults aged ≥18 years	12%	10.0%–34.0%	10.4%–28.9%	10.0%–30.1%
26.11c	Reduce the proportion of adults (aged ≥18 years) who engage in binge drinking during the preceding month	6%	6.5%–24.2%	6.8%–24.9%	3.9%–26.0%
19.2	Reduce the proportion of adults (aged ≥20 years) who are obese (BMI ≥30.0)	15%	16.0%–28.4%	13.4%–32.2%	12.4%–32.7%
14.29a	Increase the proportion of adults (aged ≥65 years) who are vaccinated annually against influenza	90%	34.9%–80.3%	54.3%–83.8%	54.3%–86.9%
14.29b	Increase the proportion of adults (aged ≥65 years) who are ever vaccinated against pneumococcal disease	90%	31.6%–73.0%	47.6%–80.5%	49.2%–81.2%
12.4	Reduce the proportion of adults (aged ≥20 years) with high total blood cholesterol	17%	27.0%–38.2%	24.7%–44.9%	22.8%–41.8%

* SOURCE: US Department of Health and Human Services. *Healthy people 2010—understanding and improving health*. Washington, DC: US Department of Health and Human Services; 2000.

† Certain objectives might differ slightly from BRFSS definitions.

‡ Selected metropolitan and micropolitan statistical areas from the 50 states collecting BRFSS data.

¶ Selected counties from the 50 states collecting BRFSS data.

TABLE 2. Estimated prevalence of persons who reported no leisure-time physical activity during the preceding month, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	3,337	29.9	0.9	(28.0–31.7)
Alaska	2,661	19.2	1.1	(17.1–21.2)
Arizona	3,229	21.2	1.1	(19.0–23.3)
Arkansas	4,198	29.1	0.8	(27.6–30.7)
California	4,316	22.3	0.8	(20.8–23.9)
Colorado	4,063	16.8	0.7	(15.5–18.2)
Connecticut	5,312	21.0	0.7	(19.7–22.3)
Delaware	4,037	26.5	0.9	(24.6–28.3)
District of Columbia	2,039	22.5	1.3	(20.0–24.9)
Florida	5,030	27.9	1.0	(26.0–29.8)
Georgia	7,643	24.5	0.7	(23.2–25.9)
Hawaii	4,336	18.3	0.8	(16.8–19.8)
Idaho	4,991	18.6	0.7	(17.3–19.9)
Illinois	5,265	25.7	0.7	(24.3–27.1)
Indiana	5,475	26.2	0.7	(24.9–27.5)
Iowa	5,003	22.7	0.7	(21.3–24.0)
Kansas	4,617	25.9	0.7	(24.4–27.4)
Kentucky	7,629	30.6	0.8	(29.1–32.2)
Louisiana	5,078	30.5	0.8	(29.0–32.0)
Maine	2,390	20.6	0.9	(18.8–22.4)
Maryland	4,433	21.3	0.8	(19.7–22.9)
Massachusetts	7,574	21.6	0.6	(20.5–22.8)
Michigan	3,549	21.8	0.8	(20.2–23.3)
Minnesota	3,876	15.0	0.6	(13.8–16.3)
Mississippi	4,419	30.3	0.8	(28.7–31.8)
Missouri	4,252	24.0	0.9	(22.3–25.8)
Montana	4,020	20.2	0.8	(18.6–21.8)
Nebraska	4,974	20.7	0.7	(19.4–22.0)
Nevada	2,969	24.7	1.2	(22.4–27.1)
New Hampshire	5,040	19.9	0.7	(18.6–21.2)
New Jersey	11,297	26.9	0.5	(25.9–27.9)
New Mexico	5,493	22.9	0.7	(21.6–24.3)
New York	5,533	27.1	0.7	(25.6–28.5)
North Carolina	9,452	25.0	0.7	(23.6–26.4)
North Dakota	3,020	23.7	0.9	(22.0–25.4)
Ohio	3,819	26.4	0.9	(24.6–28.2)
Oklahoma	7,631	30.4	0.6	(29.2–31.6)
Oregon	4,010	18.8	0.7	(17.4–20.3)
Pennsylvania	3,666	22.6	0.8	(21.0–24.1)
Rhode Island	4,050	23.3	0.8	(21.7–24.8)
South Carolina	5,916	23.3	0.7	(22.0–24.5)
South Dakota	5,260	21.7	0.7	(20.4–23.0)
Tennessee	2,589	29.8	1.0	(27.8–31.8)
Texas	6,029	27.6	0.7	(26.3–28.9)
Utah	4,046	17.3	0.8	(15.8–18.9)
Vermont	4,243	18.7	0.7	(17.4–20.0)
Virginia	5,439	22.1	0.7	(20.6–23.5)
Washington	18,613	17.7	0.4	(17.0–18.4)
West Virginia	3,349	28.0	0.9	(26.3–29.7)
Wisconsin	4,053	18.8	0.7	(17.3–20.2)
Wyoming	4,001	21.1	0.7	(19.7–22.6)
Guam	805	30.2	1.9	(26.6–33.9)
Puerto Rico	4,163	45.1	1.0	(43.2–47.1)
U.S. Virgin Islands	2,046	28.6	1.4	(26.0–31.3)

*Standard error.

†Confidence interval.

TABLE 3. Estimated prevalence of persons who reported no leisure-time physical activity during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	1,670	19.2	1.1	(17.0–21.4)
Anchorage, Alaska	557	18.5	1.8	(14.9–22.1)
Asheville, North Carolina	652	21.6	2.0	(17.7–25.5)
Atlanta, Sandy Springs, and Marietta, Georgia	2,169	20.4	1.1	(18.2–22.6)
Augusta, Georgia, and Richmond County, South Carolina	767	23.8	1.8	(20.3–27.4)
Baltimore-Towson, Maryland	1,693	19.6	1.2	(17.3–21.9)
Baton Rouge, Louisiana	789	26.8	1.8	(23.2–30.3)
Bethesda-Frederick-Gaithersburg, Maryland§	958	19.9	1.7	(16.7–23.2)
Birmingham-Hoover, Alabama	868	28.0	1.8	(24.6–31.5)
Boise City-Nampa, Idaho	1,192	16.9	1.2	(14.5–19.4)
Boston-Quincy, Massachusetts§	1,924	23.5	1.2	(21.1–25.9)
Bremerton-Silverdale, Washington	879	15.3	1.4	(12.6–18.0)
Bridgeport-Stamford-Norwalk, Connecticut	1,209	20.9	1.4	(18.2–23.7)
Burlington-South Burlington, Vermont	1,256	16.6	1.2	(14.2–18.9)
Cambridge-Newton-Framingham, Massachusetts§	1,372	18.3	1.3	(15.8–20.8)
Camden, New Jersey§	1,623	25.4	1.3	(22.9–28.0)
Casper, Wyoming	527	22.8	2.1	(18.7–26.9)
Charleston, West Virginia	618	27.3	2.0	(23.4–31.2)
Charleston-North Charleston, South Carolina	753	22.0	1.8	(18.5–25.5)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	918	25.1	1.9	(21.5–28.8)
Cheyenne, Wyoming	657	21.2	1.7	(17.8–24.6)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,553	25.9	0.9	(24.1–27.6)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,351	22.0	1.6	(18.9–25.0)
Cleveland-Elyria-Mentor, Ohio	1,007	25.3	1.9	(21.6–29.1)
Columbia, South Carolina	976	20.4	1.5	(17.4–23.4)
Columbus, Ohio	606	21.3	1.9	(17.6–25.1)
Concord, New Hampshire	579	19.3	1.9	(15.6–23.0)
Dallas-Plano-Irving, Texas§	907	26.7	1.8	(23.2–30.2)
Denver-Aurora, Colorado	1,913	17.1	1.0	(15.2–19.2)
Des Moines, Iowa	854	19.3	1.6	(16.3–22.4)
Detroit-Livonia-Dearborn, Michigan§	527	27.1	2.3	(22.5–31.7)
Dover, Delaware	1,352	25.4	1.4	(22.7–28.1)
Durham, North Carolina	773	20.7	2.9	(15.0–26.4)
Edison, New Jersey§	3,077	25.7	1.0	(23.8–27.6)
Essex County, Massachusetts§	804	19.6	1.6	(16.4–22.9)
Fairbanks, Alaska	523	18.9	1.9	(15.1–22.7)
Fargo, North Dakota-Minnesota	549	16.5	2.4	(11.9–21.2)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	523	22.4	2.2	(18.1–26.7)
Greensboro-High Point, North Carolina	557	21.5	2.2	(17.2–25.9)
Greenville, South Carolina	791	20.7	1.7	(17.4–24.0)
Hartford-West Hartford-East Hartford, Connecticut	1,928	20.5	1.0	(18.5–22.6)
Hilo, Hawaii	971	16.4	1.4	(13.7–19.1)
Honolulu, Hawaii	2,244	18.1	1.0	(16.2–20.0)
Houston-Baytown-Sugar Land, Texas	1,184	26.8	1.6	(23.7–29.8)
Huntington-Ashland, West Virginia-Kentucky-Ohio	555	30.9	3.0	(25.1–36.8)
Indianapolis, Indiana	1,430	23.8	1.2	(21.4–26.2)
Jackson, Mississippi	733	26.9	1.9	(23.2–30.5)
Kahului-Wailuku, Hawaii	700	20.8	1.9	(17.1–24.5)
Kansas City, Missouri-Kansas	1,838	23.3	1.3	(20.7–25.9)
Kennewick-Richland-Pasco, Washington	613	21.4	2.0	(17.5–25.3)
Las Cruces, New Mexico	546	27.9	2.3	(23.3–32.5)
Las Vegas-Paradise, Nevada	977	25.9	1.6	(22.7–29.0)
Lebanon, New Hampshire-Vermont	1,041	18.9	1.4	(16.1–21.6)
Lincoln, Nebraska	797	15.5	1.4	(12.6–18.3)
Little Rock-North Little Rock, Arkansas	931	23.4	1.5	(20.4–26.4)
Los Angeles-Long Beach-Glendale, California§	958	26.4	1.8	(22.9–29.9)
Louisville, Kentucky-Indiana	819	27.6	1.9	(23.9–31.2)
Manchester-Nashua, New Hampshire	1,369	20.5	1.2	(18.1–23.0)
Memphis, Tennessee-Mississippi-Arkansas	714	31.6	2.4	(26.9–36.2)
Miami-Fort Lauderdale-Miami Beach, Florida	580	29.0	2.2	(24.7–33.4)
Milwaukee-Waukesha-West Allis, Wisconsin	1,304	17.2	1.4	(14.5–20.0)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,207	13.4	0.8	(11.8–15.0)

TABLE 3. (Continued) Estimated prevalence of persons who reported no leisure-time physical activity during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Nashville-Davidson-Murfreesboro, Tennessee	587	24.1	2.0	(20.2–27.9)
Newark-Union, New Jersey-Pennsylvania§	2,745	27.0	1.2	(24.7–29.4)
New Haven-Milford, Connecticut	1,176	21.3	1.4	(18.6–23.9)
New Orleans-Metairie-Kenner, Louisiana	1,216	28.9	1.5	(25.9–31.9)
New York-Wayne-White Plains, New York-New Jersey§	4,422	29.7	1.0	(27.6–31.7)
Ogden-Clearfield, Utah	524	16.2	1.8	(12.7–19.8)
Oklahoma City, Oklahoma	2,283	28.3	1.1	(26.2–30.4)
Olympia, Washington	710	16.7	1.6	(13.6–19.8)
Omaha-Council Bluffs, Nebraska-Iowa	1,990	21.7	1.1	(19.6–23.8)
Philadelphia, Pennsylvania§	938	22.1	1.6	(19.1–25.2)
Phoenix-Mesa-Scottsdale, Arizona	1,054	22.3	1.6	(19.2–25.5)
Pittsburgh, Pennsylvania	742	21.7	1.6	(18.4–24.9)
Portland-South Portland, Maine	873	17.1	1.4	(14.4–19.8)
Portland-Vancouver-Beaverton, Oregon-Washington	2,942	17.6	1.0	(15.8–19.5)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,930	24.1	0.8	(22.6–25.7)
Raleigh-Cary, North Carolina	650	20.4	2.1	(16.3–24.5)
Rapid City, South Dakota	920	18.6	1.4	(15.9–21.3)
Reno-Sparks, Nevada	1,016	18.6	1.4	(15.7–21.4)
Richmond, Virginia	815	23.9	1.8	(20.2–27.5)
Rockingham County-Strafford County, New Hampshire§	1,533	20.0	1.2	(17.6–22.5)
St. Louis, Missouri-Illinois	960	20.8	1.5	(17.8–23.7)
Salt Lake City, Utah	1,535	16.7	1.3	(14.2–19.1)
San Francisco-Oakland-Fremont, California	573	19.5	2.1	(15.3–23.7)
Seaford, Delaware	1,271	29.7	1.5	(26.8–32.6)
Seattle-Bellevue-Everett, Washington§	4,467	15.7	0.7	(14.4–17.0)
Shreveport-Bossier City, Louisiana	506	30.1	2.4	(25.4–34.7)
Sioux Falls, South Dakota	798	18.7	1.6	(15.7–21.8)
Spokane, Washington	1,122	18.0	1.3	(15.5–20.5)
Springfield, Massachusetts	1,046	25.3	1.8	(21.7–28.9)
Suffolk County-Nassau County, New York§	721	25.5	2.0	(21.5–29.5)
Tacoma, Washington§	1,511	18.4	1.1	(16.2–20.7)
Topeka, Kansas	519	33.5	2.5	(28.5–38.4)
Trenton-Ewing, New Jersey	518	23.7	2.5	(18.8–28.6)
Tucson, Arizona	742	15.3	1.5	(12.4–18.3)
Tulsa, Oklahoma	2,012	28.6	1.3	(26.2–31.1)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,166	20.1	1.5	(17.2–23.0)
Warren-Farmington Hills-Troy, Michigan§	751	21.2	1.7	(17.8–24.5)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia§	3,827	18.9	1.2	(16.5–21.3)
Wenatchee, Washington	524	22.5	2.1	(18.4–26.6)
Wichita, Kansas	846	24.7	1.7	(21.3–28.1)
Wilmington, Delaware-Maryland-New Jersey§	1,634	27.0	1.3	(24.4–29.6)
Worcester, Massachusetts	1,108	23.3	1.7	(20.0–26.6)
Yakima, Washington	694	28.3	2.1	(24.2–32.3)

* Standard error.

† Confidence interval.

§ Metropolitan division.

TABLE 4. Estimated prevalence of persons who report no leisure-time physical activity during the preceding month, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	523	29.7	2.3	(25.2–34.3)
Anchorage Municipality, Alaska	434	18.0	2.1	(13.9–22.1)
Fairbanks North Star Borough, Alaska	523	18.9	1.9	(15.1–22.7)
Maricopa County, Arizona	878	22.8	1.7	(19.4–26.2)
Pima County, Arizona	742	15.3	1.5	(12.4–18.3)
Pulaski County, Arkansas	582	21.1	1.9	(17.5–24.7)
Los Angeles County, California	958	26.4	1.8	(22.9–29.9)
Adams County, Colorado	282	26.1	3.1	(20.0–32.2)
Arapahoe County, Colorado	419	16.8	2.1	(12.7–20.9)
Denver County, Colorado	455	21.9	2.4	(17.1–26.6)
Jefferson County, Colorado	499	11.5	1.6	(8.4–14.6)
Fairfield County, Connecticut	1,209	20.9	1.4	(18.2–23.6)
Hartford County, Connecticut	1,399	21.0	1.2	(18.6–23.4)
Middlesex County, Connecticut	276	22.2	3.1	(16.1–28.2)
New Haven County, Connecticut	1,176	21.3	1.4	(18.6–23.9)
Tolland County, Connecticut	253	17.1	2.5	(12.2–22.0)
Kent County, Delaware	1,352	25.4	1.4	(22.7–28.1)
New Castle County, Delaware	1,414	25.4	1.4	(22.8–28.1)
Sussex County, Delaware	1,271	29.7	1.5	(26.8–32.6)
District of Columbia	2,039	22.5	1.3	(20.0–25.0)
DeKalb County, Georgia	257	18.7	2.8	(13.2–24.2)
Fulton County, Georgia	274	16.1	3.1	(9.9–22.2)
Richmond County, Georgia	281	30.6	3.2	(24.3–37.0)
Hawaii County, Hawaii	971	16.4	1.4	(13.7–19.1)
Honolulu County, Hawaii	2,244	18.1	1.0	(16.2–20.0)
Maui County, Hawaii	700	20.8	1.9	(17.1–24.5)
Ada County, Idaho	623	15.6	1.6	(12.4–18.8)
Canyon County, Idaho	441	17.5	1.9	(13.7–21.3)
Cook County, Illinois	1,858	28.1	1.3	(25.7–30.6)
DuPage County, Illinois	346	18.8	2.6	(13.8–23.9)
Lake County, Illinois	261	17.4	2.7	(12.2–22.7)
Lake County, Indiana	303	30.9	3.0	(24.9–36.8)
Marion County, Indiana	778	25.2	1.8	(21.8–28.7)
Polk County, Iowa	612	19.2	1.9	(15.6–22.9)
Johnson County, Kansas	749	17.5	1.5	(14.6–20.4)
Sedgwick County, Kansas	627	26.7	2.1	(22.6–30.8)
Shawnee County, Kansas	434	32.4	2.7	(27.1–37.8)
Jefferson County, Kentucky	393	25.2	2.5	(20.2–30.1)
Caddo Parish, Louisiana	321	30.1	3.0	(24.1–36.0)
East Baton Rouge Parish, Louisiana	435	26.3	2.5	(21.5–31.2)
Jefferson Parish, Louisiana	398	28.0	2.6	(22.9–33.0)
Orleans Parish, Louisiana	411	29.9	2.7	(24.5–35.2)
Cumberland County, Maine	473	16.4	1.9	(12.8–20.1)
York County, Maine	326	19.6	2.4	(15.0–24.3)
Anne Arundel County, Maryland	348	16.0	2.3	(11.5–20.4)
Baltimore County, Maryland	501	22.6	2.2	(18.3–26.9)
Frederick County, Maryland	341	17.7	2.2	(13.3–22.0)
Montgomery County, Maryland	617	19.9	1.9	(16.1–23.7)
Prince George's County, Maryland	419	25.7	2.8	(20.2–31.1)
Baltimore city, Maryland	320	23.0	2.6	(17.9–28.1)
Bristol County, Massachusetts	880	26.8	2.0	(22.9–30.6)
Essex County, Massachusetts	804	19.5	1.7	(16.3–22.8)
Hampden County, Massachusetts	785	28.3	2.3	(23.8–32.8)
Middlesex County, Massachusetts	1,372	18.0	1.3	(15.6–20.5)
Norfolk County, Massachusetts	519	19.9	2.0	(16.0–23.7)
Plymouth County, Massachusetts	394	22.3	2.5	(17.3–27.2)
Suffolk County, Massachusetts	1,011	25.3	1.8	(21.8–28.8)
Worcester County, Massachusetts	1,108	23.3	1.7	(20.0–26.6)
Oakland County, Michigan	393	20.2	2.4	(15.5–24.8)
Wayne County, Michigan	527	27.1	2.3	(22.5–31.7)
Dakota County, Minnesota	265	10.9	2.0	(6.9–14.9)
Hennepin County, Minnesota	828	14.1	1.3	(11.5–16.8)
Ramsey County, Minnesota	358	13.9	2.1	(9.7–18.1)

TABLE 4. (Continued) Estimated prevalence of persons who report no leisure-time physical activity during the preceding month, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	373	28.9	2.8	(23.5–34.3)
Jackson County, Missouri	360	19.1	2.4	(14.4–23.7)
St. Louis County, Missouri	320	14.3	2.1	(10.3–18.4)
Douglas County, Nebraska	1,185	21.7	1.4	(18.9–24.5)
Lancaster County, Nebraska	741	15.3	1.5	(12.4–18.3)
Sarpy County, Nebraska	298	18.2	2.4	(13.5–23.0)
Clark County, Nevada	977	25.9	1.6	(22.7–29.0)
Washoe County, Nevada	1,002	18.5	1.5	(15.7–21.4)
Grafton County, New Hampshire	373	17.6	2.3	(13.2–22.1)
Hillsborough County, New Hampshire	1,369	20.5	1.2	(18.1–23.0)
Merrimack County, New Hampshire	579	19.3	1.9	(15.5–23.0)
Rockingham County, New Hampshire	1,081	18.8	1.5	(15.9–21.6)
Strafford County, New Hampshire	452	23.3	2.3	(18.9–27.7)
Bergen County, New Jersey	1,124	25.0	1.6	(21.8–28.1)
Burlington County, New Jersey	604	22.9	2.0	(19.0–26.7)
Camden County, New Jersey	646	25.7	2.0	(21.8–29.6)
Essex County, New Jersey	887	32.2	1.9	(28.4–36.0)
Gloucester County, New Jersey	373	25.4	2.6	(20.3–30.4)
Hudson County, New Jersey	595	32.2	2.2	(27.8–36.6)
Mercer County, New Jersey	518	23.7	2.5	(18.8–28.5)
Middlesex County, New Jersey	988	25.5	1.7	(22.2–28.7)
Monmouth County, New Jersey	815	22.8	1.8	(19.3–26.2)
Morris County, New Jersey	727	17.4	1.6	(14.3–20.4)
Ocean County, New Jersey	798	30.4	1.9	(26.6–34.2)
Passaic County, New Jersey	559	29.5	2.4	(24.8–34.2)
Somerset County, New Jersey	476	21.4	2.2	(17.1–25.7)
Union County, New Jersey	665	28.1	2.0	(24.1–32.0)
Bernalillo County, New Mexico	1,097	17.6	1.3	(15.0–20.2)
Dona Ana County, New Mexico	546	27.9	2.3	(23.3–32.5)
Sandoval County, New Mexico	306	20.5	2.7	(15.2–25.8)
Kings County, New York	496	33.7	2.5	(28.7–38.7)
Nassau County, New York	328	25.0	3.2	(18.8–31.2)
New York County, New York	525	25.9	2.4	(21.2–30.5)
Queens County, New York	410	28.9	2.8	(23.4–34.4)
Suffolk County, New York	393	25.2	2.6	(20.2–30.2)
Westchester County, New York	259	21.5	3.0	(15.6–27.3)
Buncombe County, North Carolina	454	20.8	2.1	(16.6–25.0)
Guilford County, North Carolina	446	21.5	2.4	(16.9–26.2)
Mecklenburg County, North Carolina	449	22.5	2.4	(17.9–27.2)
Orange County, North Carolina	452	16.1	3.2	(9.8–22.5)
Wake County, North Carolina	453	18.8	2.3	(14.3–23.4)
Cass County, North Dakota	497	19.7	2.0	(15.8–23.6)
Cuyahoga County, Ohio	432	26.6	2.5	(21.8–31.5)
Franklin County, Ohio	468	23.4	2.2	(19.0–27.8)
Hamilton County, Ohio	526	23.4	2.1	(19.2–27.6)
Lorain County, Ohio	476	23.0	2.3	(18.5–27.5)
Cleveland County, Oklahoma	368	22.9	2.5	(18.1–27.7)
Oklahoma County, Oklahoma	1,344	29.6	1.4	(26.8–32.5)
Tulsa County, Oklahoma	1,403	24.6	1.4	(21.8–27.4)
Clackamas County, Oregon	348	17.2	2.4	(12.5–21.9)
Multnomah County, Oregon	728	20.7	1.8	(17.1–24.3)
Washington County, Oregon	483	13.2	1.8	(9.7–16.6)
Allegheny County, Pennsylvania	375	20.0	2.2	(15.6–24.4)
Philadelphia County, Pennsylvania	329	27.2	2.9	(21.5–33.0)
Kent County, Rhode Island	569	25.1	2.0	(21.2–29.1)
Newport County, Rhode Island	336	15.2	2.3	(10.6–19.8)
Providence County, Rhode Island	2,513	25.7	1.0	(23.7–27.7)
Washington County, Rhode Island	460	16.1	2.0	(12.3–20.0)
Charleston County, South Carolina	445	18.2	2.0	(14.3–22.2)
Greenville County, South Carolina	525	16.2	1.8	(12.6–19.7)
Lexington County, South Carolina	326	23.4	2.8	(17.9–29.0)
Richland County, South Carolina	476	18.2	2.1	(14.1–22.3)
York County, South Carolina	288	22.7	2.6	(17.5–27.8)

TABLE 4. (Continued) Estimated prevalence of persons who report no leisure-time physical activity during the preceding month, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	620	18.6	1.8	(15.1–22.2)
Pennington County, South Dakota	727	19.8	1.6	(16.7–23.0)
Shelby County, Tennessee	338	31.7	3.0	(25.8–37.6)
Dallas County, Texas	560	29.8	2.3	(25.3–34.4)
Harris County, Texas	797	28.0	1.9	(24.1–31.8)
Salt Lake County, Utah	1,017	16.8	1.4	(14.2–19.4)
Summit County, Utah	254	12.0	2.5	(7.2–16.9)
Tooele County, Utah	264	16.9	2.5	(11.9–21.8)
Weber County, Utah	268	16.1	2.4	(11.4–20.8)
Chittenden County, Vermont	923	14.6	1.3	(12.0–17.2)
Franklin County, Vermont	279	23.8	2.7	(18.4–29.2)
Windsor County, Vermont	433	19.7	2.1	(15.6–23.8)
Benton County, Washington	357	18.0	2.3	(13.5–22.5)
Chelan County, Washington	280	22.8	2.8	(17.3–28.3)
Clark County, Washington	1,009	17.6	1.4	(14.9–20.3)
Franklin County, Washington	256	32.4	3.8	(25.1–39.8)
King County, Washington	3,011	14.8	0.8	(13.2–16.3)
Kitsap County, Washington	879	15.3	1.4	(12.6–18.0)
Pierce County, Washington	1,511	18.6	1.1	(16.4–20.8)
Snohomish County, Washington	1,456	15.9	1.1	(13.8–18.0)
Spokane County, Washington	1,122	18.0	1.3	(15.5–20.5)
Thurston County, Washington	710	16.7	1.6	(13.6–19.7)
Yakima County, Washington	694	28.3	2.1	(24.2–32.3)
Kanawha County, West Virginia	403	22.8	2.3	(18.3–27.2)
Milwaukee County, Wisconsin	1,020	21.2	1.9	(17.6–24.9)
Laramie County, Wyoming	657	21.2	1.7	(17.7–24.6)
Natrona County, Wyoming	527	22.8	2.1	(18.7–26.9)

* Standard error.

† Confidence interval.

TABLE 5. Estimated prevalence of persons who reported achieving *Health People 2010* recommendations for moderate physical activity, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	3,207	40.3	1.1	(38.3–42.4)
Alaska	2,516	58.1	1.4	(55.3–60.8)
Arizona	3,064	49.9	1.4	(47.2–52.6)
Arkansas	3,861	45.3	0.9	(43.4–47.1)
California	4,261	46.7	0.9	(44.9–48.5)
Colorado	3,905	55.0	0.9	(53.2–56.8)
Connecticut	4,970	51.7	0.8	(50.1–53.4)
Delaware	3,854	43.8	1.1	(41.7–45.9)
District of Columbia	1,903	52.2	1.5	(49.3–55.1)
Florida	4,680	41.2	1.1	(39.0–43.4)
Georgia	7,169	42.4	0.9	(40.8–44.1)
Hawaii	4,222	49.8	1.0	(47.9–51.7)
Idaho	4,684	55.9	0.9	(54.2–57.7)
Illinois	5,029	43.7	0.8	(42.1–45.3)
Indiana	5,092	46.9	0.8	(45.3–48.5)
Iowa	4,639	43.6	0.9	(41.9–45.4)
Kansas	4,453	43.7	0.9	(42.0–45.5)
Kentucky	6,901	33.8	0.9	(32.0–35.6)
Louisiana	4,687	40.2	0.8	(38.5–41.9)
Maine	2,239	53.1	1.2	(50.7–55.4)
Maryland	4,156	49.1	1.0	(47.2–51.1)
Massachusetts	7,045	52.7	0.8	(51.2–54.2)
Michigan	3,404	47.4	1.0	(45.4–49.3)
Minnesota	3,694	49.0	0.9	(47.2–50.9)
Mississippi	4,117	40.4	0.9	(38.5–42.2)
Missouri	4,025	45.1	1.1	(42.9–47.3)
Montana	3,750	58.5	1.1	(56.3–60.6)
Nebraska	4,660	44.5	0.8	(42.9–46.2)
Nevada	2,850	50.8	1.4	(48.1–53.5)
New Hampshire	4,710	54.6	0.8	(53.0–56.3)
New Jersey	10,420	44.7	0.6	(43.6–45.9)
New Mexico	5,202	51.3	0.8	(49.7–53.0)
New York	5,138	44.5	0.8	(42.8–46.1)
North Carolina	9,918	37.7	0.8	(36.0–39.3)
North Dakota	2,816	49.4	1.1	(47.2–51.5)
Ohio	3,570	47.0	1.0	(44.9–49.0)
Oklahoma	7,346	39.9	0.7	(38.6–41.3)
Oregon	3,780	53.8	0.9	(52.0–55.6)
Pennsylvania	3,435	49.2	1.0	(47.3–51.2)
Rhode Island	3,785	50.3	1.0	(48.3–52.2)
South Carolina	5,485	46.2	0.8	(44.6–47.8)
South Dakota	5,099	46.5	0.8	(44.9–48.2)
Tennessee	2,445	37.6	1.2	(35.3–39.9)
Texas	5,629	44.7	0.8	(43.1–46.2)
Utah	3,867	57.0	1.1	(54.9–59.1)
Vermont	3,991	55.8	0.9	(54.0–57.6)
Virginia	5,067	49.4	1.0	(47.5–51.4)
Washington	17,502	54.4	0.5	(53.5–55.4)
West Virginia	3,153	42.7	1.0	(40.8–44.7)
Wisconsin	3,857	54.6	1.0	(52.7–56.6)
Wyoming	3,766	55.4	0.9	(53.6–57.2)
Guam	751	49.2	2.1	(45.1–53.3)
Puerto Rico	4,089	34.7	1.0	(32.7–36.7)
U.S. Virgin Islands	1,859	40.2	1.5	(37.2–43.2)

* Standard error.

† Confidence interval.

TABLE 6. Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for moderate physical activity, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	1,589	53.0	1.5	(50.1–56.0)
Anchorage, Alaska	525	57.4	2.4	(52.6–62.2)
Asheville, North Carolina	623	40.3	2.5	(35.4–45.3)
Atlanta-Sandy Springs-Marietta, Georgia	2,067	44.0	1.4	(41.2–46.8)
Augusta-Richmond County, Georgia-South Carolina	712	39.1	2.2	(34.8–43.4)
Baltimore-Towson, Maryland	1,587	50.4	1.5	(47.5–53.3)
Baton Rouge, Louisiana	732	39.2	2.1	(35.1–43.3)
Bethesda-Frederick-Gaithersburg, Maryland§	900	49.1	2.1	(45.0–53.2)
Birmingham-Hoover, Alabama	829	40.0	2.0	(36.1–43.9)
Boise City-Nampa, Idaho	1,122	54.7	1.7	(51.3–58.1)
Boston-Quincy, Massachusetts§	1,793	52.0	1.5	(49.1–54.9)
Bremerton-Silverdale, Washington	838	57.8	2.0	(53.9–61.6)
Bridgeport-Stamford-Norwalk, Connecticut	1,126	52.2	1.7	(48.8–55.6)
Burlington-South Burlington, Vermont	1,192	53.6	1.7	(50.3–57.0)
Cambridge-Newton-Framingham, Massachusetts§	1,283	54.0	1.7	(50.7–57.4)
Camden, New Jersey§	1,497	48.3	1.6	(45.2–51.3)
Casper, Wyoming	496	55.2	2.6	(50.2–60.2)
Charleston, West Virginia	585	41.4	2.3	(36.9–46.0)
Charleston-North Charleston, South Carolina	703	47.3	2.2	(42.9–51.7)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	888	38.5	2.1	(34.4–42.7)
Cheyenne, Wyoming	632	51.6	2.2	(47.2–56.0)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,377	44.5	1.0	(42.6–46.5)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,268	46.8	2.0	(42.9–50.7)
Cleveland-Elyria-Mentor, Ohio	937	45.2	2.3	(40.7–49.6)
Columbia, South Carolina	908	48.2	2.0	(44.3–52.1)
Columbus, Ohio	575	48.8	2.5	(44.0–53.6)
Concord, New Hampshire	551	54.5	2.4	(49.8–59.2)
Dallas-Plano-Irving, Texas§	844	45.2	2.0	(41.3–49.1)
Denver-Aurora, Colorado	1,837	52.9	1.3	(50.3–55.5)
Des Moines, Iowa	802	42.1	2.0	(38.2–46.1)
Detroit-Livonia-Dearborn, Michigan§	505	42.7	2.7	(37.5–47.9)
Dover, Delaware	1,287	40.6	1.7	(37.3–43.9)
Durham, North Carolina	752	36.1	3.3	(29.6–42.5)
Edison, New Jersey§	2,848	45.7	1.1	(43.4–47.9)
Essex County, Massachusetts§	744	51.6	2.2	(47.2–56.0)
Fairbanks, Alaska	498	61.5	2.4	(56.8–66.2)
Fargo, North Dakota-Minnesota	522	48.6	4.1	(40.6–56.7)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	490	48.9	2.8	(43.4–54.5)
Greensboro-High Point, North Carolina	546	41.5	3.0	(35.7–47.4)
Greenville, South Carolina	738	47.7	2.2	(43.5–51.9)
Hartford-West Hartford-East Hartford, Connecticut	1,813	50.8	1.3	(48.2–53.4)
Hilo, Hawaii	950	51.9	1.9	(48.1–55.7)
Honolulu, Hawaii	2,221	49.7	1.2	(47.3–52.1)
Houston-Baytown-Sugar Land, Texas	1,113	41.9	1.8	(38.5–45.4)
Huntington-Ashland, West Virginia-Kentucky-Ohio	520	40.5	2.3	(34.1–46.8)
Indianapolis, Indiana	1,332	47.3	1.5	(44.3–50.4)
Jackson, Mississippi	684	38.7	2.2	(34.5–42.9)
Kahului-Wailuku, Hawaii	667	49.3	2.4	(44.5–54.0)
Kansas City, Missouri-Kansas	1,774	41.5	1.5	(38.5–44.6)
Kennewick-Richland-Pasco, Washington	566	48.3	2.6	(43.2–53.4)
Las Cruces, NM	519	47.1	2.5	(42.2–52.1)
Las Vegas-Paradise, Nevada	936	48.4	1.9	(44.8–52.1)
Lebanon, New Hampshire-Vermont	959	57.9	1.9	(54.1–61.6)
Lincoln, Nebraska	751	48.4	2.2	(44.1–52.7)
Little Rock-North Little Rock, Arkansas	855	45.2	2.0	(41.4–49.1)
Los Angeles-Long Beach-Glendale, California§	941	42.6	2.0	(38.7–46.5)
Louisville, Kentucky-Indiana	755	35.7	2.1	(31.6–39.9)
Manchester-Nashua, New Hampshire	1,273	52.7	1.6	(49.5–55.9)
Memphis, Tennessee-Mississippi-Arkansas	670	38.4	2.5	(33.2–43.6)
Miami-Fort Lauderdale-Miami Beach, Florida	544	38.3	2.6	(33.3–43.4)
Milwaukee-Waukesha-West Allis, Wisconsin	1,234	53.7	2.0	(49.8–57.6)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,115	50.8	1.2	(48.3–53.2)

TABLE 6. (Continued) Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for moderate physical activity, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI)†
Nashville-Davidson-Murfreesboro, Tennessee	551	40.5	2.4	(35.7–45.2)
Newark-Union, New Jersey-Pennsylvania§	2,540	42.4	1.3	(39.8–44.9)
New Haven-Milford, Connecticut	1,096	51.5	1.8	(48.0–54.9)
New Orleans-Metairie-Kenner, Louisiana	1,133	39.2	1.7	(35.8–42.6)
New York-Wayne-White Plains, New York-New Jersey§	4,069	41.6	1.1	(39.4–43.9)
Ogden-Clearfield, Utah	500	56.7	2.5	(51.7–61.6)
Oklahoma City, Oklahoma	2,213	39.9	1.2	(37.5–42.3)
Olympia, Washington	674	58.5	2.1	(54.4–62.7)
Omaha-Council Bluffs, Nebraska-Iowa	1,894	42.8	1.3	(40.2–45.4)
Philadelphia, Pennsylvania§	885	47.2	1.9	(43.4–51.0)
Phoenix-Mesa-Scottsdale, Arizona	990	47.2	2.1	(43.2–51.3)
Pittsburgh, Pennsylvania	684	50.6	2.2	(46.4–54.9)
Portland-South Portland, Maine	832	54.0	2.0	(50.1–57.9)
Portland-Vancouver-Beaverton, Oregon-Washington	2,769	53.2	1.2	(50.8–55.7)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,598	49.4	1.0	(47.5–51.4)
Raleigh-Cary, North Carolina	630	39.7	2.5	(34.8–44.7)
Rapid City, South Dakota	886	48.1	1.9	(44.4–51.8)
Reno-Sparks, Nevada	983	58.0	1.8	(54.5–61.6)
Richmond, Virginia	767	49.9	2.3	(45.5–54.4)
Rockingham County-Strafford County, New Hampshire§	1,448	52.8	1.5	(49.7–55.8)
St. Louis, Missouri-Illinois	919	44.6	1.9	(40.8–48.4)
Salt Lake City, Utah	1,476	57.4	1.7	(54.1–60.6)
San Francisco-Oakland-Fremont, California	567	49.3	2.5	(44.3–54.3)
Seaford, Delaware	1,209	42.6	1.6	(39.4–45.8)
Seattle-Bellevue-Everett, Washington§	4,253	54.7	0.9	(53.0–56.5)
Shreveport-Bossier City, Louisiana	463	43.5	2.7	(38.4–48.8)
Sioux Falls, South Dakota	773	49.4	2.1	(49.3–53.5)
Spokane, Washington	1,075	52.6	1.7	(49.1–56.0)
Springfield, Massachusetts	972	53.9	2.2	(49.5–58.2)
Suffolk County-Nassau County, New York§	674	45.2	2.3	(40.7–49.6)
Tacoma, Washington§	1,435	54.3	1.6	(51.3–57.4)
Topeka, Kansas	497	36.9	2.5	(32.0–41.9)
Trenton-Ewing, New Jersey	479	45.5	2.8	(40.0–51.0)
Tucson, Arizona	715	58.4	2.2	(54.1–62.7)
Tulsa, Oklahoma	1,937	43.3	1.4	(40.6–46.1)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,084	52.8	2.1	(48.5–57.0)
Warren-Farmington Hills-Troy, Michigan§	721	45.9	2.1	(41.7–50.0)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia§	3,660	49.6	1.6	(46.5–52.8)
Wenatchee, Washington	486	52.7	2.6	(47.6–57.8)
Wichita, Kansas	820	45.6	2.1	(41.5–49.7)
Wilmington, Delaware-Maryland-New Jersey§	1,560	45.3	1.5	(42.4–48.2)
Worcester, Massachusetts	1,031	50.8	2.2	(46.6–55.1)
Yakima, Washington	636	44.2	2.3	(39.6–48.8)

* Standard error.

† Confidence interval.

§ Metropolitan division.

TABLE 7. Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for moderate physical activity, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	494	36.1	2.5	(31.2–41.0)
Anchorage Municipality, Alaska	408	55.4	2.8	(49.9–60.9)
Fairbanks North Star Borough, Alaska	498	61.5	2.4	(56.8–66.2)
Maricopa County, Arizona	827	47.2	2.1	(43.0–51.3)
Pima County, Arizona	715	58.4	2.2	(54.1–62.7)
Pulaski County, Arkansas	541	42.3	2.4	(37.5–47.1)
Los Angeles County, California	958	42.6	2.0	(38.7–46.5)
Adams County, Colorado	270	49.2	3.5	(42.4–56.1)
Arapahoe County, Colorado	409	49.2	3.0	(43.3–55.0)
Denver County, Colorado	432	53.4	2.8	(47.8–58.9)
Jefferson County, Colorado	475	55.4	2.6	(50.4–60.4)
Fairfield County, Connecticut	1,126	52.2	1.7	(48.8–55.6)
Hartford County, Connecticut	1,307	49.1	1.6	(46.1–52.2)
Middlesex County, Connecticut	263	51.7	3.5	(44.9–58.5)
New Haven County, Connecticut	1,096	51.5	1.8	(48.0–54.9)
Tolland County, Connecticut	243	59.7	3.6	(52.8–66.7)
Kent County, Delaware	1,287	40.6	1.7	(37.3–43.9)
New Castle County, Delaware	1,358	45.4	1.6	(42.3–48.5)
Sussex County, Delaware	1,209	42.6	1.6	(39.4–45.8)
District of Columbia	1,903	52.3	1.5	(49.4–55.2)
DeKalb County, Georgia	249	41.6	3.8	(34.2–48.9)
Fulton County, Georgia	261	44.4	3.9	(36.7–52.1)
Richmond County, Georgia	260	36.4	3.7	(29.1–43.7)
Hawaii County, Hawaii	950	51.9	1.9	(48.0–55.7)
Honolulu County, Hawaii	2,221	49.7	1.2	(47.2–52.1)
Maui County, Hawaii	667	49.3	2.4	(44.5–54.0)
Ada County, Idaho	593	56.3	2.3	(51.8–60.7)
Canyon County, Idaho	415	52.0	2.7	(46.6–57.4)
Cook County, Illinois	1,772	42.6	1.4	(39.9–45.4)
DuPage County, Illinois	337	49.3	3.2	(43.1–55.6)
Lake County, Illinois	252	47.3	3.6	(40.3–54.3)
Lake County, Indiana	279	44.6	3.4	(37.9–51.4)
Marion County, Indiana	730	45.6	2.1	(41.5–49.7)
Polk County, Iowa	578	41.7	2.4	(37.0–46.3)
Johnson County, Kansas	728	46.2	2.1	(42.2–50.2)
Sedgwick County, Kansas	610	43.8	2.4	(39.0–48.5)
Shawnee County, Kansas	416	36.0	2.7	(30.6–41.3)
Jefferson County, Kentucky	359	33.3	3.0	(27.4–39.2)
Caddo Parish, Louisiana	297	44.5	3.3	(38.0–51.1)
East Baton Rouge Parish, Louisiana	404	36.6	2.8	(31.1–42.1)
Jefferson Parish, Louisiana	368	38.8	3.1	(32.8–44.9)
Orleans Parish, Louisiana	388	38.5	2.9	(32.7–44.2)
Cumberland County, Maine	452	54.1	2.6	(48.9–59.2)
York County, Maine	312	52.6	3.2	(46.4–58.9)
Anne Arundel County, Maryland	327	54.1	3.2	(47.9–60.3)
Baltimore County, Maryland	474	49.8	2.6	(44.7–55.0)
Frederick County, Maryland	321	53.7	3.1	(47.6–59.8)
Montgomery County, Maryland	579	48.8	2.4	(44.1–53.4)
Prince George's County, Maryland	397	44.1	3.0	(38.1–50.1)
Baltimore city, Maryland	299	47.2	3.4	(40.4–53.9)
Bristol County, Massachusetts	813	46.5	2.4	(41.8–51.3)
Essex County, Massachusetts	744	51.8	2.3	(47.4–56.3)
Hampden County, Massachusetts	730	48.8	2.7	(43.6–54.1)
Middlesex County, Massachusetts	1,283	54.6	1.7	(51.3–57.9)
Norfolk County, Massachusetts	485	48.8	2.6	(43.7–53.8)
Plymouth County, Massachusetts	366	51.7	3.0	(45.8–57.6)
Suffolk County, Massachusetts	942	55.7	2.1	(51.5–59.7)
Worcester County, Massachusetts	1,031	50.8	2.2	(46.6–55.1)
Oakland County, Michigan	373	45.0	3.0	(39.1–50.8)
Wayne County, Michigan	505	42.7	2.7	(37.5–47.9)
Dakota County, Minnesota	257	55.0	3.4	(48.4–61.6)
Hennepin County, Minnesota	791	48.0	2.0	(44.0–52.0)
Ramsey County, Minnesota	341	51.2	3.2	(45.0–57.4)

TABLE 7. (Continued) Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for moderate physical activity, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	349	38.8	3.1	(32.8–44.9)
Jackson County, Missouri	347	40.5	3.0	(34.7–46.4)
St. Louis County, Missouri	308	40.7	3.1	(34.7–46.8)
Douglas County, Nebraska	1,125	42.9	1.7	(39.6–46.3)
Lancaster County, Nebraska	700	48.6	2.3	(44.1–53.0)
Sarpy County, Nebraska	286	49.0	3.3	(42.5–55.5)
Clark County, Nevada	936	48.4	1.9	(44.8–52.1)
Washoe County, Nevada	969	58.1	1.8	(54.5–61.7)
Grafton County, New Hampshire	344	61.9	3.0	(56.0–67.9)
Hillsborough County, New Hampshire	1,273	52.7	1.6	(49.5–55.9)
Merrimack County, New Hampshire	551	54.5	2.4	(49.8–59.1)
Rockingham County, New Hampshire	1,026	54.0	1.8	(50.5–57.5)
Strafford County, New Hampshire	422	49.4	2.8	(43.9–54.3)
Bergen County, New Jersey	1,043	43.8	1.8	(40.2–47.3)
Burlington County, New Jersey	553	51.2	2.5	(46.4–56.0)
Camden County, New Jersey	590	47.4	2.4	(42.6–52.2)
Essex County, New Jersey	820	38.2	2.0	(34.2–42.2)
Gloucester County, New Jersey	354	47.1	3.2	(40.7–53.4)
Hudson County, New Jersey	548	45.1	2.6	(40.1–50.1)
Mercer County, New Jersey	479	45.5	2.8	(40.0–51.0)
Middlesex County, New Jersey	909	44.6	2.0	(40.7–48.6)
Monmouth County, New Jersey	766	49.1	2.2	(44.8–53.3)
Morris County, New Jersey	679	50.0	2.3	(45.8–54.4)
Ocean County, New Jersey	736	46.6	2.2	(42.3–50.9)
Passaic County, New Jersey	518	40.5	2.6	(35.4–45.5)
Somerset County, New Jersey	437	43.3	2.7	(38.0–48.7)
Union County, New Jersey	606	40.6	2.3	(36.2–45.1)
Bernalillo County, New Mexico	1,050	53.8	1.8	(50.3–57.3)
Dona Ana County, New Mexico	519	47.1	2.5	(42.2–52.1)
Sandoval County, New Mexico	289	54.7	3.3	(48.2–61.2)
Kings County, New York	445	41.0	2.8	(35.5–46.5)
Nassau County, New York	305	40.6	3.3	(34.1–47.1)
New York County, New York	490	48.7	2.7	(43.5–54.0)
Queens County, New York	373	39.1	3.0	(33.3–45.0)
Suffolk County, New York	369	50.4	3.0	(44.4–56.3)
Westchester County, New York	233	44.5	3.8	(37.0–52.0)
Buncombe County, North Carolina	439	39.1	2.7	(33.8–44.5)
Guilford County, North Carolina	437	40.8	2.9	(35.0–46.5)
Mecklenburg County, North Carolina	443	35.8	2.7	(30.5–41.2)
Orange County, North Carolina	440	48.1 [†]	3.4	(41.4–54.8)
Wake County, North Carolina	440	39.1	2.8	(33.7–44.6)
Cass County, North Dakota	471	47.8	2.7	(42.6–53.0)
Cuyahoga County, Ohio	407	43.7	2.9	(38.1–49.4)
Franklin County, Ohio	444	48.5	2.7	(43.2–53.8)
Hamilton County, Ohio	502	52.1	2.6	(47.1–57.1)
Lorain County, Ohio	437	49.4	3.4	(42.8–56.1)
Cleveland County, Oklahoma	361	40.7	3.0	(34.9–46.6)
Oklahoma County, Oklahoma	1,301	39.5	1.6	(36.3–42.6)
Tulsa County, Oklahoma	1,356	40.9	1.6	(37.7–44.1)
Clackamas County, Oregon	327	51.1	3.2	(44.8–57.3)
Multnomah County, Oregon	679	56.1	2.2	(51.7–60.4)
Washington County, Oregon	466	49.6	2.6	(44.6–54.6)
Allegheny County, Pennsylvania	343	48.4	3.0	(42.6–54.3)
Philadelphia County, Pennsylvania	303	49.1	3.5	(42.3–55.8)
Kent County, Rhode Island	531	51.0	2.4	(46.2–55.7)
Newport County, Rhode Island	314	59.4	3.2	(53.0–65.8)
Providence County, Rhode Island	2,337	47.0	1.3	(44.5–49.4)
Washington County, Rhode Island	441	58.0	2.8	(52.5–63.4)
Charleston County, South Carolina	418	51.0	2.8	(45.5–56.5)
Greenville County, South Carolina	491	48.7	2.6	(43.6–53.7)
Lexington County, South Carolina	307	46.8	3.4	(40.2–53.4)
Richland County, South Carolina	445	50.8	2.8	(45.2–56.4)
York County, South Carolina	273	52.8	3.4	(46.2–59.4)

TABLE 7. (Continued) Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for moderate physical activity, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	603	49.2	2.4	(44.5–53.9)
Pennington County, South Dakota	700	47.7	2.1	(43.5–51.9)
Shelby County, Tennessee	319	39.8	3.4	(33.2–46.4)
Dallas County, Texas	521	44.2	2.6	(39.1–49.2)
Harris County, Texas	754	39.1	2.1	(34.9–43.3)
Salt Lake County, Utah	976	57.4	1.8	(53.9–60.9)
Summit County, Utah	242	65.6	3.7	(58.3–72.8)
Tooele County, Utah	258	49.6	3.5	(42.8–56.4)
Weber County, Utah	252	53.9	3.6	(46.9–60.9)
Chittenden County, Vermont	883	56.2	2.0	(52.2–60.2)
Franklin County, Vermont	262	44.2	3.5	(37.3–51.0)
Windsor County, Vermont	398	54.4	2.8	(48.9–59.9)
Benton County, Washington	327	49.5	3.1	(43.3–55.7)
Chelan County, Washington	261	54.1	3.4	(47.3–60.8)
Clark County, Washington	949	53.6	1.9	(49.9–57.2)
Franklin County, Washington	239	43.3	3.9	(35.7–50.9)
King County, Washington	2,885	56.1	1.1	(54.1–58.2)
Kitsap County, Washington	838	57.8	2.0	(53.9–61.6)
Pierce County, Washington	1,435	54.4	1.5	(51.4–57.4)
Snohomish County, Washington	1,368	53.3	1.5	(50.3–56.3)
Spokane County, Washington	1,075	52.6	1.7	(49.1–56.0)
Thurston County, Washington	674	58.5	2.1	(54.4–62.7)
Yakima County, Washington	636	44.2	2.3	(39.6–48.8)
Kanawha County, West Virginia	384	43.4	2.9	(37.7–49.1)
Milwaukee County, Wisconsin	966	52.3	2.5	(47.4–57.2)
Laramie County, Wyoming	632	51.6	2.2	(47.2–56.0)
Natrona County, Wyoming	496	55.2	2.6	(50.2–60.2)

* Standard error.

† Confidence interval.

TABLE 8. Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for vigorous physical activity, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	3,258	21.3	0.9	(19.5–23.1)
Alaska	2,571	34.6	1.3	(32.0–37.2)
Arizona	3,142	29.1	1.3	(26.6–31.6)
Arkansas	4,017	23.3	0.8	(21.7–24.9)
California	4,277	28.6	0.8	(27.0–30.3)
Colorado	3,973	32.9	0.9	(31.2–34.6)
Connecticut	5,062	30.6	0.8	(29.1–32.1)
Delaware	3,978	23.4	0.9	(21.6–25.3)
District of Columbia	1,957	32.9	1.4	(30.1–35.7)
Florida	4,857	21.4	0.9	(19.6–23.2)
Georgia	7,398	24.9	0.8	(23.4–26.4)
Hawaii	4,248	26.3	0.9	(24.5–28.0)
Idaho	4,829	31.8	0.8	(30.1–33.5)
Illinois	5,146	23.5	0.7	(22.1–24.9)
Indiana	5,250	25.3	0.7	(23.9–26.7)
Iowa	4,842	20.9	0.8	(19.4–22.5)
Kansas	4,519	22.8	0.8	(21.2–24.4)
Kentucky	7,235	16.3	0.7	(14.9–17.8)
Louisiana	4,885	21.4	0.7	(20.1–22.8)
Maine	2,288	29.1	1.1	(26.9–31.3)
Maryland	4,258	28.8	0.9	(27.1–30.6)
Massachusetts	7,204	31.1	0.7	(29.7–32.5)
Michigan	3,483	26.6	0.9	(24.8–28.4)
Minnesota	3,800	26.4	0.8	(24.7–28.0)
Mississippi	4,260	20.2	0.8	(18.7–21.8)
Missouri	4,131	22.5	0.9	(20.8–24.3)
Montana	3,871	33.2	1.1	(31.1–35.3)
Nebraska	4,842	21.6	0.7	(20.3–23.0)
Nevada	2,889	30.3	1.2	(27.9–32.7)
New Hampshire	4,837	30.9	0.8	(29.4–32.5)
New Jersey	10,776	25.4	0.5	(24.3–26.4)
New Mexico	5,283	28.6	0.8	(27.0–30.1)
New York	5,304	24.5	0.7	(23.1–25.8)
North Carolina	9,311	19.3	0.7	(17.9–20.7)
North Dakota	2,910	26.7	1.0	(24.8–28.7)
Ohio	3,670	26.1	0.9	(24.3–28.0)
Oklahoma	7,540	19.5	0.6	(18.4–20.7)
Oregon	3,861	30.4	0.9	(28.7–32.1)
Pennsylvania	3,537	26.3	0.9	(24.6–28.0)
Rhode Island	3,887	29.5	0.9	(27.7–31.4)
South Carolina	5,635	25.9	0.7	(24.4–27.3)
South Dakota	5,179	22.0	0.7	(20.5–23.4)
Tennessee	2,517	20.0	1.0	(18.1–22.0)
Texas	5,779	26.1	0.7	(24.7–27.4)
Utah	3,947	35.5	1.1	(33.4–37.5)
Vermont	4,087	32.3	0.9	(30.5–34.0)
Virginia	5,205	28.1	0.9	(26.3–29.9)
Washington	18,073	31.3	0.5	(30.4–32.2)
West Virginia	3,288	19.1	0.8	(17.5–20.8)
Wisconsin	3,928	30.2	1.0	(28.3–32.1)
Wyoming	3,862	32.1	0.9	(30.3–33.8)
Guam	774	30.6	1.9	(26.9–34.3)
Puerto Rico	4,138	15.9	0.9	(14.2–17.6)
U.S. Virgin Islands	1,945	24.3	1.3	(21.7–27.0)

*Standard error.

†Confidence interval.

TABLE 9. Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for vigorous physical activity, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	1,604	31.1	1.4	(28.3–33.9)
Anchorage, Alaska	536	34.0	2.3	(29.4–38.5)
Asheville, North Carolina	644	19.5	2.0	(15.6–23.4)
Atlanta-Sandy Springs-Marietta, Georgia	2,107	28.1	1.3	(25.5–30.7)
Augusta-Richmond County, Georgia-South Carolina	740	20.7	1.9	(17.0–24.4)
Baltimore-Towson, Maryland	1,621	30.5	1.4	(27.8–33.2)
Baton Rouge, Louisiana	759	22.3	1.8	(18.7–25.8)
Bethesda-Frederick-Gaithersburg, Maryland§	921	27.2	1.8	(23.7–30.7)
Birmingham-Hoover, Alabama	842	20.5	1.7	(17.2–23.8)
Boise City-Nampa, Idaho	1,156	32.3	1.6	(29.1–35.5)
Boston-Quincy, Massachusetts§	1,831	29.9	1.3	(27.3–32.6)
Bremerton-Silverdale, Washington	852	35.3	2.0	(31.5–39.1)
Bridgeport-Stamford-Norwalk, Connecticut	1,145	31.9	1.6	(28.8–35.0)
Burlington-South Burlington, Vermont	1,212	32.2	1.7	(29.0–35.5)
Cambridge-Newton-Framingham, Massachusetts§	1,307	34.2	1.6	(31.1–37.4)
Camden, New Jersey§	1,547	27.3	1.4	(24.5–30.0)
Casper, Wyoming	503	27.9	2.4	(23.3–32.5)
Charleston, West Virginia	609	18.6	1.8	(15.1–22.1)
Charleston-North Charleston, South Carolina	720	27.0	2.0	(23.0–30.9)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	905	21.4	1.8	(17.9–25.0)
Cheyenne, Wyoming	646	30.3	2.1	(26.2–34.4)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,456	24.0	0.9	(22.3–25.7)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,300	28.3	1.8	(24.7–31.9)
Cleveland-Elyria-Mentor, Ohio	962	23.7	1.9	(19.9–27.4)
Columbia, South Carolina	931	27.6	1.8	(24.1–31.0)
Columbus, Ohio	588	28.7	2.2	(24.4–33.1)
Concord, New Hampshire	560	27.5	2.1	(23.4–31.7)
Dallas-Plano-Irving, Texas§	868	27.8	1.8	(24.3–31.3)
Denver-Aurora, Colorado	1,871	31.9	1.3	(29.5–34.4)
Des Moines, Iowa	829	20.5	1.7	(17.3–23.8)
Detroit-Livonia-Dearborn, Michigan	519	22.8	2.3	(18.2–27.3)
Dover, Delaware	1,329	22.1	1.4	(19.3–24.8)
Durham, North Carolina	764	19.6	2.7	(14.3–24.9)
Edison, New Jersey§	2,964	26.5	1.0	(24.5–28.5)
Essex County, Massachusetts§	755	32.5	2.1	(28.3–36.7)
Fairbanks, Alaska	508	41.9	2.5	(37.1–46.7)
Fargo, North Dakota-Minnesota	536	25.2	3.9	(17.7–32.8)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	500	25.7	2.4	(21.0–30.4)
Greensboro-High Point, North Carolina	554	23.1	2.4	(18.4–27.9)
Greenville, South Carolina	752	26.5	2.0	(22.6–30.4)
Hartford-West Hartford-East Hartford, Connecticut	1,835	29.5	1.2	(27.1–31.9)
Hilo, Hawaii	957	26.3	1.8	(22.8–29.8)
Honolulu, Hawaii	2,229	26.5	1.1	(24.3–28.8)
Houston-Baytown-Sugar Land, Texas	1,132	24.8	1.5	(21.9–27.8)
Huntington-Ashland, West Virginia-Kentucky-Ohio	544	20.0	2.9	(14.3–25.7)
Indianapolis, Indiana	1,367	26.7	1.4	(24.0–29.4)
Jackson, Mississippi	704	20.7	1.8	(17.2–24.3)
Kahului-Wailuku, Hawaii	676	25.9	2.2	(21.6–30.3)
Kansas City, Missouri-Kansas	1,802	22.6	1.3	(20.1–25.1)
Kennewick-Richland-Pasco, Washington	594	23.6	2.2	(19.4–27.9)
Las Cruces, New Mexico	526	24.1	2.1	(19.9–28.3)
Las Vegas-Paradise, Nevada	951	28.5	1.7	(25.2–31.7)
Lebanon, New Hampshire-Vermont	999	31.2	1.8	(27.6–34.7)
Lincoln, Nebraska	779	27.8	1.9	(24.0–31.6)
Little Rock-North Little Rock, Arkansas	899	23.6	1.7	(20.3–26.9)
Los Angeles-Long Beach-Glendale, California§	947	24.9	1.8	(21.5–28.4)
Louisville, Kentucky-Indiana	784	18.0	1.7	(14.6–21.4)
Manchester-Nashua, New Hampshire	1,304	28.4	1.5	(25.4–31.4)
Memphis, Tennessee-Mississippi-Arkansas	689	23.1	2.4	(18.3–27.8)
Miami-Fort Lauderdale-Miami Beach, Florida	565	21.7	2.1	(17.6–25.8)
Milwaukee-Waukesha-West Allis, Wisconsin	1,257	31.6	2.0	(27.7–35.6)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,160	28.1	1.1	(25.9–30.4)

TABLE 9. (Continued) Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for vigorous physical activity, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Nashville-Davidson-Murfreesboro, Tennessee	573	20.1	2.0	(16.1–24.1)
Newark-Union, New Jersey-Pennsylvania§	2,627	24.2	1.2	(22.0–26.5)
New Haven-Milford, Connecticut	1,121	29.7	1.6	(26.5–32.9)
New Orleans-Metairie-Kenner, Louisiana	1,178	21.7	1.4	(18.9–24.6)
New York-Wayne-White Plains, New York-New Jersey§	4,200	22.8	0.9	(21.0–24.6)
Ogden-Clearfield, Utah	504	36.8	2.5	(32.0–41.6)
Oklahoma City, Oklahoma	2,258	20.5	1.1	(18.5–22.6)
Olympia, Washington	690	36.1	2.1	(31.9–40.2)
Omaha-Council Bluffs, Nebraska-Iowa	1,942	24.0	1.1	(21.8–26.3)
Philadelphia, Pennsylvania§	907	25.2	1.7	(21.9–28.5)
Phoenix-Mesa-Scottsdale, Arizona	1,020	28.4	1.8	(24.8–32.0)
Pittsburgh, Pennsylvania	713	26.8	1.9	(23.2–30.5)
Portland-South Portland, Maine	843	32.1	1.9	(28.3–35.8)
Portland-Vancouver-Beaverton, Oregon-Washington	2,833	30.0	1.2	(27.7–32.3)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,727	27.7	0.9	(25.9–29.5)
Raleigh-Cary, North Carolina	642	22.7	2.2	(18.4–27.1)
Rapid City, South Dakota	905	27.6	1.7	(24.2–31.0)
Reno-Sparks, Nevada	995	38.7	1.8	(35.3–42.1)
Richmond, Virginia	783	30.0	2.1	(25.7–34.2)
Rockingham County-Strafford County, New Hampshire§	1,486	32.5	1.5	(29.7–35.4)
St. Louis, Missouri-Illinois	930	23.6	1.6	(20.4–26.7)
Salt Lake City, Utah	1,501	35.8	1.6	(32.6–39.0)
San Francisco-Oakland-Fremont, California	566	26.5	2.4	(21.9–31.1)
Seaford, Delaware	1,250	19.9	1.4	(17.2–22.6)
Seattle-Bellevue-Everett, Washington§	4,367	31.6	0.8	(30.0–33.3)
Shreveport-Bossier City, Louisiana	485	21.4	2.2	(17.2–25.7)
Sioux Falls, South Dakota	789	24.3	1.8	(20.8–27.9)
Spokane, Washington	1,107	29.5	1.6	(26.4–32.7)
Springfield, Massachusetts	999	32.4	2.1	(28.2–36.6)
Suffolk County-Nassau County, New York§	686	24.8	1.9	(21.1–28.5)
Tacoma, Washington§	1,464	32.7	1.5	(29.7–35.6)
Topeka, Kansas	502	17.6	2.1	(13.5–21.7)
Trenton-Ewing, New Jersey	497	27.3	2.6	(22.2–32.4)
Tucson, Arizona	732	32.4	2.2	(28.1–36.8)
Tulsa, Oklahoma	1,987	22.2	1.2	(19.7–24.6)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,119	29.6	2.1	(25.5–33.6)
Warren-Farmington Hills-Troy, Michigan§	735	26.2	1.9	(22.5–29.9)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia§	3,682	31.1	1.5	(28.1–34.1)
Wenatchee, Washington	506	30.4	2.4	(25.7–35.1)
Wichita, Kansas	831	22.3	1.8	(18.7–25.9)
Wilmington, Delaware-Maryland-New Jersey§	1,607	24.1	1.3	(21.6–26.5)
Worcester, Massachusetts	1,053	29.0	2.0	(25.1–32.9)
Yakima, Washington	672	24.4	2.0	(20.4–28.4)

* Standard error.

† Confidence interval.

§ Metropolitan division.

TABLE 10. Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for vigorous physical activity, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	504	20.5	2.2	(16.2–24.8)
Anchorage Municipality, Alaska	419	34.7	2.6	(29.9–39.9)
Fairbanks North Star Borough, Alaska	508	41.9	2.5	(37.1–46.7)
Maricopa County, Arizona	850	27.8	1.8	(24.1–31.4)
Pima County, Arizona	732	32.4	2.2	(28.1–36.7)
Pulaski County, Arkansas	564	23.1	2.1	(19.0–27.1)
Los Angeles County, California	947	24.9	1.8	(21.5–28.4)
Adams County, Colorado	276	25.1	3.2	(18.9–31.3)
Arapahoe County, Colorado	413	28.2	2.7	(23.0–33.5)
Denver County, Colorado	441	34.2	2.7	(28.8–39.6)
Jefferson County, Colorado	487	33.8	2.4	(29.1–38.6)
Fairfield County, Connecticut	1,145	31.9	1.6	(28.7–35.0)
Hartford County, Connecticut	1,326	27.6	1.4	(24.9–30.3)
Middlesex County, Connecticut	265	31.2	3.1	(25.1–37.5)
New Haven County, Connecticut	1,121	29.7	1.6	(26.5–32.9)
Tolland County, Connecticut	244	38.3	3.7	(31.9–45.7)
Kent County, Delaware	1,329	22.1	1.4	(19.3–24.8)
New Castle County, Delaware	1,399	25.2	1.4	(22.5–27.9)
Sussex County, Delaware	1,250	19.9	1.4	(17.2–22.6)
District of Columbia	1,957	32.9	1.4	(30.1–35.7)
DeKalb County, Georgia	251	27.4	3.4	(20.6–34.1)
Fulton County, Georgia	265	30.3	3.6	(23.2–37.4)
Richmond County, Georgia	273	23.3	3.4	(16.7–30.0)
Hawaii County, Hawaii	957	26.3	1.8	(22.8–29.8)
Honolulu County, Hawaii	2,229	26.5	1.1	(24.3–28.7)
Maui County, Hawaii	676	25.9	2.2	(21.6–30.3)
Ada County, Idaho	610	34.9	2.2	(30.6–39.2)
Canyon County, Idaho	424	28.5	2.4	(23.8–33.3)
Cook County, Illinois	1,815	22.2	1.2	(19.9–24.5)
DuPage County, Illinois	343	27.9	2.8	(22.4–33.5)
Lake County, Illinois	256	25.7	3.1	(19.7–31.7)
Lake County, Indiana	284	19.9	2.9	(14.3–25.6)
Marion County, Indiana	746	26.6	1.9	(22.9–30.4)
Polk County, Iowa	593	21.2	2.0	(17.3–25.0)
Johnson County, Kansas	732	28.3	1.9	(24.5–32.0)
Sedgwick County, Kansas	617	22.3	2.1	(18.2–26.4)
Shawnee County, Kansas	420	17.3	2.3	(12.8–21.7)
Jefferson County, Kentucky	372	16.0	2.4	(11.3–20.6)
Caddo Parish, Louisiana	308	21.4	2.7	(16.1–26.6)
East Baton Rouge Parish, Louisiana	418	21.9	2.4	(17.1–26.6)
Jefferson Parish, Louisiana	382	21.1	2.6	(16.0–26.2)
Orleans Parish, Louisiana	401	23.5	2.5	(18.5–28.4)
Cumberland County, Maine	458	32.5	2.5	(27.5–37.4)
York County, Maine	315	31.3	3.1	(25.3–37.3)
Anne Arundel County, Maryland	338	35.6	3.1	(29.6–41.6)
Baltimore County, Maryland	484	30.1	2.4	(25.3–34.9)
Frederick County, Maryland	328	30.7	2.9	(25.0–36.3)
Montgomery County, Maryland	593	27.4	2.1	(23.3–31.5)
Prince George's County, Maryland	403	27.8	2.8	(22.3–33.3)
Baltimore city, Maryland	303	31.0	3.3	(24.4–37.5)
Bristol County, Massachusetts	840	23.4	2.1	(19.3–27.5)
Essex County, Massachusetts	755	32.7	2.1	(28.5–36.9)
Hampden County, Massachusetts	748	26.6	2.4	(21.8–31.4)
Middlesex County, Massachusetts	1,307	34.6	1.6	(31.5–37.8)
Norfolk County, Massachusetts	495	27.8	2.3	(23.3–32.3)
Plymouth County, Massachusetts	374	29.5	2.7	(24.2–34.7)
Suffolk County, Massachusetts	962	31.4	1.9	(27.7–35.0)
Worcester County, Massachusetts	1,053	29.0	2.0	(25.1–32.9)
Oakland County, Michigan	383	27.1	2.7	(21.9–32.3)
Wayne County, Michigan	519	22.8	2.3	(18.2–27.3)
Dakota County, Minnesota	262	31.2	3.1	(25.0–37.4)
Hennepin County, Minnesota	810	26.9	1.8	(23.4–30.5)
Ramsey County, Minnesota	348	29.1	2.9	(23.5–34.7)

TABLE 10. (Continued) Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for vigorous physical activity, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	357	21.5	2.7	(16.3–26.7)
Jackson County, Missouri	353	21.2	2.5	(16.3–26.1)
St. Louis County, Missouri	309	22.0	2.6	(17.0–27.0)
Douglas County, Nebraska	1,162	23.8	1.5	(20.9–26.7)
Lancaster County, Nebraska	724	28.6	2.0	(24.7–32.5)
Sarpy County, Nebraska	288	30.9	3.2	(24.7–37.1)
Clark County, Nevada	951	28.5	1.7	(25.2–31.7)
Washoe County, Nevada	981	38.8	1.8	(35.4–42.3)
Grafton County, New Hampshire	354	34.2	3.1	(28.1–40.3)
Hillsborough County, New Hampshire	1,304	28.4	1.5	(25.4–31.4)
Merrimack County, New Hampshire	560	27.5	2.1	(23.4–31.7)
Rockingham County, New Hampshire	1,047	33.2	1.7	(29.9–36.6)
Strafford County, New Hampshire	439	30.4	2.6	(25.3–35.5)
Bergen County, New Jersey	1,073	24.5	1.6	(21.5–27.6)
Burlington County, New Jersey	569	30.4	2.3	(25.9–34.8)
Camden County, New Jersey	615	27.0	2.3	(22.5–31.5)
Essex County, New Jersey	853	22.6	1.7	(19.3–25.9)
Gloucester County, New Jersey	363	26.0	2.9	(20.3–31.6)
Hudson County, New Jersey	563	26.9	2.4	(22.2–31.5)
Mercer County, New Jersey	497	27.3	2.6	(22.2–32.4)
Middlesex County, New Jersey	935	26.2	1.8	(22.7–29.8)
Monmouth County, New Jersey	786	29.6	2.0	(25.6–33.6)
Morris County, New Jersey	697	29.9	2.1	(25.7–34.1)
Ocean County, New Jersey	763	25.1	2.0	(21.2–28.9)
Passaic County, New Jersey	536	22.6	2.1	(18.5–26.7)
Somerset County, New Jersey	458	26.0	2.4	(21.3–30.6)
Union County, New Jersey	632	20.2	1.8	(16.6–23.8)
Bernalillo County, New Mexico	1,059	31.9	1.7	(28.5–35.2)
Dona Ana County, New Mexico	526	24.1	2.1	(19.9–28.3)
Sandoval County, New Mexico	291	32.3	3.2	(26.1–38.5)
Kings County, New York	465	18.8	2.0	(14.9–22.8)
Nassau County, New York	313	21.6	2.7	(16.3–26.9)
New York County, New York	506	30.7	2.4	(26.0–35.4)
Queens County, New York	388	20.3	2.4	(15.7–24.9)
Suffolk County, New York	373	28.1	2.7	(22.9–33.3)
Westchester County, New York	240	25.1	3.3	(18.6–31.6)
Buncombe County, North Carolina	450	21.0	2.4	(16.3–25.6)
Guilford County, North Carolina	443	25.2	2.7	(19.9–30.5)
Mecklenburg County, North Carolina	445	22.8	2.4	(18.0–27.5)
Orange County, North Carolina	447	29.1	3.0	(23.2–35.1)
Wake County, North Carolina	449	22.0	2.3	(17.5–26.5)
Cass County, North Dakota	485	24.2	2.3	(19.8–28.6)
Cuyahoga County, Ohio	411	21.6	2.4	(16.9–26.3)
Franklin County, Ohio	452	31.2	2.6	(26.2–36.2)
Hamilton County, Ohio	508	33.1	2.4	(28.4–37.8)
Lorain County, Ohio	454	27.1	2.5	(22.2–32.0)
Cleveland County, Oklahoma	367	24.3	2.6	(19.1–29.4)
Oklahoma County, Oklahoma	1,328	19.7	1.3	(17.1–22.3)
Tulsa County, Oklahoma	1,385	21.2	1.4	(18.4–24.0)
Clackamas County, Oregon	335	27.7	2.9	(21.9–33.5)
Multnomah County, Oregon	697	30.9	2.1	(26.8–34.9)
Washington County, Oregon	471	27.8	2.3	(23.4–32.3)
Allegheny County, Pennsylvania	354	25.9	2.6	(20.9–31.0)
Philadelphia County, Pennsylvania	313	26.2	3.0	(20.3–32.1)
Kent County, Rhode Island	543	26.3	2.2	(22.1–30.5)
Newport County, Rhode Island	320	41.1	3.3	(34.6–47.7)
Providence County, Rhode Island	2,411	26.8	1.1	(24.6–29.0)
Washington County, Rhode Island	449	36.8	2.8	(31.4–42.3)
Charleston County, South Carolina	430	30.0	2.6	(24.8–35.2)
Greenville County, South Carolina	504	25.5	2.3	(21.0–29.9)
Lexington County, South Carolina	314	24.9	2.9	(19.1–30.6)
Richland County, South Carolina	456	31.8	2.7	(26.6–37.0)
York County, South Carolina	281	30.1	3.2	(23.9–36.3)

TABLE 10. (Continued) Estimated prevalence of persons who reported achieving *Healthy People 2010* recommendations for vigorous physical activity, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	614	24.3	2.1	(20.2–28.4)
Pennington County, South Dakota	713	27.9	2.0	(24.0–31.7)
Shelby County, Tennessee	325	25.8	3.1	(19.7–31.8)
Dallas County, Texas	535	27.2	2.3	(22.8–31.6)
Harris County, Texas	767	23.0	1.8	(19.4–26.5)
Salt Lake County, Utah	992	35.4	1.7	(32.0–38.8)
Summit County, Utah	249	51.1	4.0	(43.3–59.0)
Tooele County, Utah	260	30.7	3.2	(24.5–36.9)
Weber County, Utah	255	33.4	3.4	(26.8–40.0)
Chittenden County, Vermont	891	34.1	2.1	(30.0–38.2)
Franklin County, Vermont	268	26.4	3.2	(20.2–32.5)
Windsor County, Vermont	418	29.9	2.5	(25.0–34.8)
Benton County, Washington	349	23.8	2.6	(18.7–29.0)
Chelan County, Washington	271	32.9	3.3	(26.4–39.4)
Clark County, Washington	975	31.0	1.8	(27.5–34.5)
Franklin County, Washington	245	23.7	3.4	(17.1–30.3)
King County, Washington	2,954	32.9	1.0	(30.9–34.8)
Kitsap County, Washington	852	35.3	2.0	(31.5–39.1)
Pierce County, Washington	1,464	32.7	1.5	(29.7–35.6)
Snohomish County, Washington	1,413	30.5	1.4	(27.7–33.3)
Spokane County, Washington	1,107	29.5	1.6	(26.4–32.7)
Thurston County, Washington	690	36.1	2.1	(31.9–40.2)
Yakima County, Washington	672	24.4	2.0	(20.4–28.4)
Kanawha County, West Virginia	398	21.4	2.4	(16.7–26.1)
Milwaukee County, Wisconsin	985	30.7	2.5	(25.8–35.7)
Laramie County, Wyoming	646	30.3	2.1	(26.2–34.4)
Natrona County, Wyoming	503	27.9	2.4	(23.3–32.5)

* Standard error.

† Confidence interval.

TABLE 11. Estimated prevalence of persons who are current smokers,* by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE†	(95% CI‡)
Alabama	3,336	25.3	0.9	(23.5–27.1)
Alaska	2,657	26.2	1.2	(23.9–28.6)
Arizona	3,225	20.8	1.2	(18.5–23.1)
Arkansas	4,196	24.8	0.8	(23.2–26.3)
California	4,471	16.8	0.7	(15.4–18.2)
Colorado	4,059	18.6	0.7	(17.2–20.0)
Connecticut	5,300	18.6	0.6	(17.4–19.8)
Delaware	4,036	21.9	0.9	(20.1–23.7)
District of Columbia	2,037	22.0	1.3	(19.6–24.5)
Florida	5,021	23.9	1.0	(22.0–25.8)
Georgia	7,630	22.8	0.7	(21.4–24.1)
Hawaii	4,331	17.2	0.8	(15.8–18.7)
Idaho	4,988	18.9	0.7	(17.6–20.3)
Illinois	5,258	23.4	0.7	(22.0–24.8)
Indiana	5,470	26.1	0.7	(24.8–27.4)
Iowa	4,995	21.6	0.7	(20.2–23.1)
Kansas	4,612	20.4	0.7	(19.0–21.8)
Kentucky	7,607	30.8	0.8	(29.1–32.4)
Louisiana	5,064	26.5	0.8	(25.0–28.0)
Maine	2,386	23.7	1.0	(21.7–25.6)
Maryland	4,425	20.1	0.8	(18.6–21.7)
Massachusetts	7,559	19.1	0.6	(17.9–20.2)
Michigan	3,548	26.1	0.9	(24.3–27.9)
Minnesota	3,865	21.1	0.8	(19.6–22.6)
Mississippi	4,412	25.6	0.8	(24.0–27.2)
Missouri	4,247	27.2	1.0	(25.3–29.1)
Montana	4,017	20.0	0.8	(18.3–21.6)
Nebraska	4,968	21.2	0.7	(19.9–22.6)
Nevada	2,962	25.2	1.2	(22.9–27.4)
New Hampshire	5,031	21.2	0.7	(19.8–22.6)
New Jersey	11,269	19.4	0.5	(18.5–20.3)
New Mexico	5,480	22.0	0.7	(20.6–23.4)
New York	5,524	21.6	0.7	(20.3–23.0)
North Carolina	9,412	24.8	0.7	(23.3–26.2)
North Dakota	3,017	20.5	0.8	(18.9–22.2)
Ohio	3,804	25.2	0.9	(23.4–27.0)
Oklahoma	7,621	25.1	0.6	(23.9–26.3)
Oregon	3,997	20.9	0.8	(19.4–22.4)
Pennsylvania	3,659	25.4	0.8	(23.7–27.1)
Rhode Island	4,040	22.4	0.8	(20.7–24.0)
South Carolina	5,911	25.5	0.7	(24.1–26.8)
South Dakota	5,255	22.6	0.7	(21.2–24.1)
Tennessee	2,585	25.6	1.0	(23.6–27.6)
Texas	6,014	22.1	0.7	(20.8–23.4)
Utah	4,044	11.9	0.7	(10.5–13.2)
Vermont	4,238	19.5	0.8	(18.1–21.0)
Virginia	5,430	22.0	0.8	(20.5–23.5)
Washington	18,567	19.5	0.4	(18.8–20.3)
West Virginia	3,343	27.3	0.9	(25.6–29.1)
Wisconsin	4,049	22.0	0.8	(20.4–23.6)
Wyoming	3,994	24.6	0.8	(23.0–26.2)
Guam	805	34.0	1.9	(30.2–37.8)
Puerto Rico	4,165	13.6	0.7	(12.1–15.0)
U.S. Virgin Islands	2,044	10.0	0.9	(8.2–11.7)

*Had smoked ≥ 100 cigarettes during lifetime and reported smoking every day or some days during the 12 months preceding the survey.

†Standard error.

‡Confidence interval.

TABLE 12. Estimated prevalence of persons who are current smokers,* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE†	(95% CI‡)
Albuquerque, New Mexico	1,667	21.5	1.3	(19.0–24.0)
Anchorage, Alaska	555	25.2	2.1	(21.1–29.4)
Asheville, North Carolina	651	25.7	2.2	(21.5–30.0)
Atlanta-Sandy Springs-Marietta, Georgia	2,167	20.9	1.2	(18.6–23.2)
Augusta-Richmond County, Georgia-South Carolina	765	26.2	1.9	(22.5–30.0)
Baltimore-Towson, Maryland	1,688	22.2	1.2	(19.8–24.7)
Baton Rouge, Louisiana	787	25.0	1.8	(21.4–28.6)
Bethesda-Frederick-Gaithersburg, Maryland¶	957	14.4	1.3	(11.8–17.1)
Birmingham-Hoover, Alabama	868	26.4	1.7	(23.0–29.8)
Boise City-Nampa, Idaho	1,190	18.3	1.3	(15.8–20.9)
Boston-Quincy, Massachusetts¶	1,919	18.7	1.1	(16.6–20.9)
Bremerton-Silverdale, Washington	876	24.4	1.7	(21.0–27.8)
Bridgeport-Stamford-Norwalk, Connecticut	1,205	17.8	1.3	(15.1–20.4)
Burlington-South Burlington, Vermont	1,254	19.1	1.5	(16.2–22.0)
Cambridge-Newton-Framingham, Massachusetts¶	1,369	16.7	1.3	(14.3–19.2)
Camden, New Jersey¶	1,614	22.2	1.4	(19.6–24.9)
Casper, Wyoming	527	27.9	2.3	(23.4–32.4)
Charleston, West Virginia	616	23.6	2.0	(19.8–27.5)
Charleston-North Charleston, South Carolina	750	20.5	1.8	(17.0–24.1)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	913	23.6	1.9	(20.0–27.3)
Cheyenne, Wyoming	656	28.5	2.0	(24.5–32.5)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,546	22.7	0.9	(21.0–24.4)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,348	26.6	1.8	(23.1–30.0)
Cleveland-Elyria-Mentor, Ohio	1,003	24.9	1.9	(21.1–28.7)
Columbia, South Carolina	980	23.6	1.7	(20.4–26.9)
Columbus, Ohio	600	19.2	1.9	(15.5–22.9)
Concord, New Hampshire	579	19.9	1.9	(16.2–23.6)
Dallas-Plano-Irving, Texas¶	904	21.9	1.7	(18.6–25.2)
Denver-Aurora, Colorado	1,912	19.3	1.1	(17.2–21.4)
Des Moines, Iowa	854	20.7	1.6	(17.5–23.9)
Detroit-Livonia-Dearborn, Michigan¶	526	26.9	2.4	(22.1–31.7)
Dover, Delaware	1,352	24.6	1.5	(21.7–27.5)
Durham, North Carolina	770	18.0	2.6	(13.0–23.1)
Edison, New Jersey¶	3,071	19.6	0.9	(17.9–21.4)
Essex County, Massachusetts¶	801	16.2	1.5	(13.2–19.2)
Fairbanks, Alaska	524	23.0	2.0	(19.0–27.0)
Fargo, North Dakota-Minnesota	550	17.5	2.7	(12.1–22.8)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	522	22.5	2.3	(18.0–27.0)
Greensboro-High Point, North Carolina	557	28.7	2.9	(23.1–34.3)
Greenville, South Carolina	793	21.8	1.9	(18.2–25.4)
Hartford-West Hartford-East Hartford, Connecticut	1,927	19.2	1.1	(17.2–21.3)
Hilo, Hawaii	970	17.1	1.5	(14.1–20.1)
Honolulu, Hawaii	2245	17.0	1.0	(15.1–18.9)
Houston-Baytown-Sugar Land, Texas	1,185	18.9	1.3	(16.3–21.5)
Huntington-Ashland, West Virginia-Kentucky-Ohio	555	26.9	2.7	(21.7–32.1)
Indianapolis, Indiana	1,428	24.4	1.3	(21.9–26.9)
Jackson, Mississippi	733	22.6	1.8	(19.0–26.3)
Kahului-Wailuku, Hawaii	697	18.2	1.8	(14.7–21.8)
Kansas City, Missouri-Kansas	1,837	25.7	1.4	(23.0–28.5)
Kennewick-Richland-Pasco, Washington	612	17.1	1.9	(13.3–20.9)
Las Cruces, New Mexico	545	16.4	1.9	(12.8–20.1)
Las Vegas-Paradise, Nevada	973	26.3	1.6	(23.2–29.5)
Lebanon, New Hampshire-Vermont	1,042	18.5	1.5	(15.6–21.4)
Lincoln, Nebraska	797	20.8	1.9	(17.1–24.6)
Little Rock-North Little Rock, Arkansas	932	22.0	1.6	(18.9–25.2)
Los Angeles-Long Beach-Glendale, California¶	987	16.1	1.5	(13.2–19.0)
Louisville, Kentucky-Indiana	818	28.9	2.0	(25.0–32.7)
Manchester-Nashua, New Hampshire	1,368	20.8	1.3	(18.3–23.3)
Memphis, Tennessee-Mississippi-Arkansas	714	22.6	2.1	(18.5–26.8)
Miami-Fort Lauderdale-Miami Beach, Florida	577	18.3	1.9	(14.6–22.1)
Milwaukee-Waukesha-West Allis, Wisconsin	1,303	22.8	1.7	(19.5–26.0)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,198	20.5	1.0	(18.5–22.5)
Nashville-Davidson-Murfreesboro, Tennessee	586	25.3	2.1	(21.3–29.4)

TABLE 12. (Continued) Estimated prevalence of persons who are current smokers,* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE†	(95% CI‡)
Newark-Union, New Jersey-Pennsylvania¶	2,741	18.1	1.0	(16.2–20.0)
New Haven-Milford, Connecticut	1,174	18.7	1.3	(16.2–21.3)
New Orleans-Metairie-Kenner, Louisiana	1,215	26.4	1.6	(23.2–29.6)
New York-Wayne-White Plains, New York-New Jersey¶	4,409	18.6	0.9	(16.9–20.3)
Ogden-Clearfield, Utah	524	10.4	1.5	(7.5–13.3)
Oklahoma City, Oklahoma	2,278	24.2	1.1	(22.0–26.3)
Olympia, Washington	708	22.8	1.8	(19.3–26.4)
Omaha-Council Bluffs, Nebraska-Iowa	1,987	24.4	1.1	(22.2–26.6)
Philadelphia, Pennsylvania¶	934	25.0	1.7	(21.7–28.3)
Phoenix-Mesa-Scottsdale, Arizona	1,051	21.0	1.8	(17.5–24.5)
Pittsburgh, Pennsylvania	742	22.9	1.7	(19.4–26.3)
Portland-South Portland, Maine	871	20.9	1.6	(17.9–24.0)
Portland-Vancouver-Beaverton, Oregon-Washington	2,930	19.8	1.0	(17.9–21.8)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,920	22.7	0.8	(21.1–24.3)
Raleigh-Cary, North Carolina	648	18.5	2.2	(14.3–22.7)
Rapid City, South Dakota	919	24.2	1.6	(21.1–27.5)
Reno-Sparks, Nevada	1,013	21.6	1.5	(18.7–24.4)
Richmond, Virginia	814	24.4	1.8	(20.8–28.1)
Rockingham County-Strafford County, New Hampshire¶	1,529	21.6	1.3	(19.0–24.2)
St. Louis, Missouri-Illinois	960	24.5	1.7	(21.2–27.9)
Salt Lake City, Utah	1,532	13.6	1.2	(11.2–15.9)
San Francisco-Oakland-Fremont, California	582	15.2	1.8	(11.6–18.8)
Seaford, Delaware	1,272	21.8	1.4	(19.0–24.5)
Seattle-Bellevue-Everett, Washington¶	4,458	16.3	0.7	(15.0–17.6)
Shreveport-Bossier City, Louisiana	501	24.5	2.2	(20.1–28.8)
Sioux Falls, South Dakota	796	23.1	1.8	(19.6–26.6)
Spokane, Washington	1,123	23.4	1.5	(20.5–26.4)
Springfield, Massachusetts	1,043	23.5	1.9	(19.8–27.1)
Suffolk County-Nassau County, New York¶	723	20.2	1.9	(16.5–23.9)
Tacoma, Washington¶	1,506	23.0	1.3	(20.4–25.6)
Topeka, Kansas	518	17.7	2.0	(13.9–21.6)
Trenton-Ewing, New Jersey	517	14.6	1.9	(10.9–18.4)
Tucson, Arizona	742	18.6	1.7	(15.2–22.0)
Tulsa, Oklahoma	2,011	23.3	1.2	(21.0–25.7)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,161	20.4	1.7	(17.1–23.7)
Warren-Farmington Hills-Troy, Michigan¶	752	23.5	1.9	(19.9–27.2)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia¶	3,825	17.7	1.2	(15.4–20.0)
Wenatchee, Washington	522	19.1	2.0	(15.2–23.0)
Wichita, Kansas	843	22.0	1.7	(18.6–25.3)
Wilmington, Delaware-Maryland-New Jersey¶	1,631	22.8	1.3	(20.3–25.3)
Worcester, Massachusetts	1,106	18.6	1.6	(15.5–21.7)
Yakima, Washington	691	20.3	1.8	(16.8–23.9)

* Had smoked ≥ 100 cigarettes during lifetime and reported smoking every day or some days during the 12 months preceding the survey.

† Standard error.

‡ Confidence interval.

¶ Metropolitan division.

TABLE 13. Estimated prevalence of persons who are current smokers,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI§)
Jefferson County, Alabama	523	26.6	2.3	(22.1–31.0)
Anchorage Municipality, Alaska	432	24.2	2.4	(19.5–28.8)
Fairbanks North Star Borough, Alaska	524	23.0	2.0	(19.0–27.0)
Maricopa County, Arizona	875	20.5	1.8	(17.0–24.1)
Pima County, Arizona	742	18.6	1.7	(15.2–22.0)
Pulaski County, Arkansas	582	19.6	1.9	(15.8–23.4)
Los Angeles County, California	987	16.1	1.5	(13.2–19.0)
Adams County, Colorado	280	22.5	2.8	(17.0–28.0)
Arapahoe County, Colorado	420	18.6	2.4	(13.9–23.4)
Denver County, Colorado	456	18.5	2.2	(14.3–22.7)
Jefferson County, Colorado	498	21.0	2.1	(16.9–25.1)
Fairfield County, Connecticut	1,205	17.8	1.3	(15.1–20.4)
Hartford County, Connecticut	1,399	19.0	1.2	(16.6–21.4)
Middlesex County, Connecticut	276	19.4	2.6	(14.3–24.4)
New Haven County, Connecticut	1,174	18.7	1.3	(16.2–21.3)
Tolland County, Connecticut	252	16.9	2.6	(11.8–21.9)
Kent County, Delaware	1,352	24.6	1.5	(21.7–27.5)
New Castle County, Delaware	1,412	21.5	1.3	(18.9–24.1)
Sussex County, Delaware	1,272	21.8	1.4	(19.0–24.5)
District of Columbia	2,037	22.1	1.3	(19.6–24.5)
DeKalb County, Georgia	257	20.3	3.2	(14.1–26.5)
Fulton County, Georgia	275	18.5	2.9	(12.8–24.3)
Richmond County, Georgia	281	25.5	3.2	(19.3–31.8)
Hawaii County, Hawaii	970	17.1	1.5	(14.1–20.1)
Honolulu County, Hawaii	2,245	17.0	1.0	(15.1–18.9)
Maui County, Hawaii	697	18.2	1.8	(14.7–21.8)
Ada County, Idaho	621	16.2	1.6	(13.0–19.3)
Canyon County, Idaho	439	19.1	2.0	(15.2–23.1)
Cook County, Illinois	1,855	22.9	1.2	(20.6–25.3)
DuPage County, Illinois	346	20.9	2.8	(15.5–26.3)
Lake County, Illinois	261	20.3	2.9	(14.6–26.1)
Lake County, Indiana	303	24.1	2.7	(18.7–29.5)
Marion County, Indiana	777	26.6	1.8	(23.0–30.2)
Polk County, Iowa	612	23.1	2.0	(19.2–27.0)
Johnson County, Kansas	749	16.9	1.6	(13.8–20.1)
Sedgwick County, Kansas	625	22.4	2.0	(18.4–26.3)
Shawnee County, Kansas	433	17.8	2.1	(13.6–22.0)
Jefferson County, Kentucky	393	28.8	2.9	(23.0–34.6)
Caddo Parish, Louisiana	317	22.0	2.8	(16.6–27.5)
East Baton Rouge Parish, Louisiana	434	23.3	2.5	(18.3–28.2)
Jefferson Parish, Louisiana	398	24.4	2.7	(19.1–29.8)
Orleans Parish, Louisiana	410	30.1	2.9	(24.4–35.9)
Cumberland County, Maine	473	19.8	2.1	(15.8–23.9)
York County, Maine	326	22.4	2.6	(17.4–27.5)
Anne Arundel County, Maryland	347	23.9	2.8	(18.4–29.5)
Baltimore County, Maryland	499	23.8	2.3	(19.3–28.3)
Frederick County, Maryland	342	20.7	2.6	(15.7–25.7)
Montgomery County, Maryland	615	13.0	1.6	(9.9–16.1)
Prince George's County, Maryland	420	15.5	2.2	(11.3–19.8)
Baltimore city, Maryland	319	23.2	2.7	(17.9–28.5)
Bristol County, Massachusetts	880	23.5	1.9	(19.8–27.2)
Essex County, Massachusetts	801	16.4	1.6	(13.3–19.5)
Hampden County, Massachusetts	784	24.8	2.3	(20.3–29.2)
Middlesex County, Massachusetts	1,369	16.7	1.3	(14.2–19.2)
Norfolk County, Massachusetts	516	15.2	1.7	(11.8–18.6)
Plymouth County, Massachusetts	393	21.1	2.4	(16.4–25.9)
Suffolk County, Massachusetts	1,010	20.4	1.6	(17.2–23.6)
Worcester County, Massachusetts	1,106	18.6	1.6	(15.5–21.7)
Oakland County, Michigan	393	17.4	2.2	(13.2–21.7)
Wayne County, Michigan	526	26.9	2.4	(22.1–31.7)
Dakota County, Minnesota	263	18.8	2.5	(13.8–23.7)
Hennepin County, Minnesota	828	17.4	1.6	(14.2–20.6)
Ramsey County, Minnesota	357	24.4	2.8	(18.8–29.9)

TABLE 13. (Continued) Estimated prevalence of persons who are current smokers,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI‡)
Hinds County, Mississippi	372	21.3	2.6	(16.2–26.3)
Jackson County, Missouri	359	29.3	2.8	(23.8–34.8)
St. Louis County, Missouri	320	21.2	2.7	(15.8–26.5)
Douglas County, Nebraska	1,182	23.8	1.5	(20.9–26.8)
Lancaster County, Nebraska	740	21.2	2.0	(17.2–25.2)
Sarpy County, Nebraska	298	25.2	2.8	(19.6–30.7)
Clark County, Nevada	973	26.3	1.6	(23.2–29.5)
Washoe County, Nevada	999	21.5	1.5	(18.6–24.4)
Grafton County, New Hampshire	373	15.9	2.2	(11.5–20.2)
Hillsborough County, New Hampshire	1,368	20.8	1.3	(18.3–23.3)
Merrimack County, New Hampshire	579	19.9	1.9	(16.2–23.6)
Rockingham County, New Hampshire	1,078	21.1	1.5	(18.0–24.1)
Strafford County, New Hampshire	451	22.5	2.3	(17.9–27.0)
Bergen County, New Jersey	1,122	16.8	1.3	(14.1–19.4)
Burlington County, New Jersey	602	19.4	2.0	(15.5–23.4)
Camden County, New Jersey	643	23.3	2.1	(19.2–27.4)
Essex County, New Jersey	888	18.5	1.6	(15.4–21.7)
Gloucester County, New Jersey	369	23.5	2.7	(18.1–28.8)
Hudson County, New Jersey	593	19.7	1.8	(16.2–23.3)
Mercer County, New Jersey	517	14.6	1.9	(10.9–18.4)
Middlesex County, New Jersey	987	18.9	1.6	(15.8–22.1)
Monmouth County, New Jersey	813	19.5	1.7	(16.2–22.8)
Morris County, New Jersey	725	16.0	1.6	(12.9–19.2)
Ocean County, New Jersey	796	23.6	1.8	(20.1–27.1)
Passaic County, New Jersey	557	20.1	2.1	(16.0–24.1)
Somerset County, New Jersey	475	14.8	1.8	(11.2–18.4)
Union County, New Jersey	664	16.9	1.7	(13.5–20.2)
Bernalillo County, New Mexico	1,096	21.3	1.5	(18.4–24.2)
Dona Ana County, New Mexico	545	16.4	1.9	(12.8–20.1)
Sandoval County, New Mexico	304	17.3	2.6	(12.1–22.5)
Kings County, New York	495	19.9	2.2	(15.6–24.1)
Nassau County, New York	328	18.9	2.6	(13.9–24.0)
New York County, New York	524	20.5	2.1	(16.3–24.6)
Queens County, New York	409	16.8	2.1	(12.7–21.0)
Suffolk County, New York	395	20.1	2.4	(15.4–24.9)
Westchester County, New York	257	12.7	2.6	(7.6–17.8)
Buncombe County, North Carolina	454	23.4	2.3	(19.0–27.9)
Guilford County, North Carolina	446	23.5	2.7	(18.2–28.7)
Mecklenburg County, North Carolina	445	19.6	2.3	(15.2–24.0)
Orange County, North Carolina	450	14.7	2.7	(9.4–19.9)
Wake County, North Carolina	453	16.5	2.3	(12.0–21.0)
Cass County, North Dakota	497	18.3	1.9	(14.5–22.1)
Cuyahoga County, Ohio	431	24.9	2.5	(20.0–29.8)
Franklin County, Ohio	464	20.4	2.1	(16.3–24.5)
Hamilton County, Ohio	526	24.2	2.2	(19.9–28.5)
Lorain County, Ohio	473	29.3	3.0	(23.4–35.2)
Cleveland County, Oklahoma	367	24.9	2.7	(19.6–30.2)
Oklahoma County, Oklahoma	1,341	24.5	1.4	(21.7–27.3)
Tulsa County, Oklahoma	1,401	22.7	1.5	(19.7–25.6)
Clackamas County, Oregon	345	18.0	2.4	(13.3–22.7)
Multnomah County, Oregon	726	22.7	1.9	(19.0–26.3)
Washington County, Oregon	483	15.8	1.9	(12.1–19.4)
Allegheny County, Pennsylvania	375	22.3	2.4	(17.7–27.0)
Philadelphia County, Pennsylvania	328	28.4	3.0	(22.5–34.2)
Kent County, Rhode Island	566	22.8	2.1	(18.6–27.0)
Newport County, Rhode Island	334	24.1	2.9	(18.5–29.8)
Providence County, Rhode Island	2,509	23.8	1.1	(21.7–25.9)
Washington County, Rhode Island	459	16.7	2.1	(12.5–20.9)
Charleston County, South Carolina	442	19.0	2.2	(14.6–23.4)
Greenville County, South Carolina	526	21.5	2.2	(17.2–25.8)
Lexington County, South Carolina	327	28.2	3.1	(22.2–34.2)
Richland County, South Carolina	479	17.7	2.1	(13.6–21.7)
York County, South Carolina	288	28.3	2.9	(22.5–34.0)

TABLE 13. (Continued) Estimated prevalence of persons who are current smokers,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI‡)
Minnehaha County, South Dakota	618	24.5	2.1	(20.4–28.6)
Pennington County, South Dakota	726	24.3	1.8	(20.7–27.9)
Shelby County, Tennessee	338	19.3	2.6	(14.2–24.4)
Dallas County, Texas	558	21.1	2.2	(16.8–25.3)
Harris County, Texas	797	17.9	1.6	(14.7–21.1)
Salt Lake County, Utah	1,015	13.6	1.3	(11.1–16.1)
Summit County, Utah	253	10.0	2.1	(5.8–14.2)
Tooele County, Utah	264	16.8	2.6	(11.8–21.8)
Weber County, Utah	268	12.4	2.4	(7.7–17.2)
Chittenden County, Vermont	920	18.9	1.9	(15.2–22.5)
Franklin County, Vermont	280	21.6	2.9	(15.8–27.3)
Windsor County, Vermont	433	20.3	2.2	(16.1–24.5)
Benton County, Washington	357	17.4	2.3	(12.8–21.9)
Chelan County, Washington	280	17.1	2.5	(12.1–22.0)
Clark County, Washington	1,002	21.9	1.6	(18.8–25.0)
Franklin County, Washington	255	16.4	3.1	(10.4–22.4)
King County, Washington	3,005	15.6	0.8	(14.1–17.1)
Kitsap County, Washington	876	24.4	1.7	(21.0–27.8)
Pierce County, Washington	1,506	22.8	1.3	(20.2–25.4)
Snohomish County, Washington	1,453	19.0	1.2	(16.7–21.4)
Spokane County, Washington	1,123	23.4	1.5	(20.5–26.4)
Thurston County, Washington	708	22.8	1.8	(19.3–26.4)
Yakima County, Washington	691	20.3	1.8	(16.8–23.9)
Kanawha County, West Virginia	402	20.6	2.3	(16.1–25.1)
Milwaukee County, Wisconsin	1,019	29.1	2.3	(24.6–33.7)
Laramie County, Wyoming	656	28.5	2.0	(24.5–32.5)
Natrona County, Wyoming	527	27.9	2.3	(23.4–32.4)

* Had smoked ≥ 100 cigarettes during lifetime and reported smoking every day or some days during the 12 months preceding the survey.

† Standard error.

‡ Confidence interval.

TABLE 14. Estimated prevalence of persons who reported binge drinking* during the preceding month, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE†	(95% CI‡)
Alabama	3,309	12.1	0.8	(10.5–13.6)
Alaska	2,628	18.4	1.1	(16.2–20.5)
Arizona	3,204	16.6	1.1	(14.4–18.7)
Arkansas	4,174	12.5	0.7	(11.1–13.8)
California	4,447	15.9	0.7	(14.5–17.2)
Colorado	4,047	18.3	0.8	(16.8–19.7)
Connecticut	5,273	16.5	0.6	(15.2–17.7)
Delaware	4,027	18.6	0.9	(16.7–20.4)
District of Columbia	2,013	18.6	1.2	(16.3–20.8)
Florida	4,993	15.5	0.9	(13.8–17.1)
Georgia	7,554	13.0	0.6	(11.8–14.1)
Hawaii	4,285	13.3	0.7	(11.9–14.6)
Idaho	4,962	15.5	0.7	(14.1–16.9)
Illinois	5,234	17.3	0.6	(16.0–18.5)
Indiana	5,447	15.1	0.6	(13.9–16.2)
Iowa	4,979	19.4	0.8	(17.9–20.8)
Kansas	4,582	13.9	0.7	(12.5–15.2)
Kentucky	7,532	9.3	0.6	(8.0–10.5)
Louisiana	4,987	16.4	0.7	(15.0–17.7)
Maine	2,370	16.8	1.0	(14.9–18.6)
Maryland	4,400	15.0	0.7	(13.5–16.4)
Massachusetts	7,514	18.3	0.6	(17.0–19.5)
Michigan	3,534	19.1	0.8	(17.4–20.7)
Minnesota	3,848	19.7	0.8	(18.1–21.6)
Mississippi	4,360	11.4	0.6	(10.1–12.6)
Missouri	4,233	17.1	0.9	(15.4–18.9)
Montana	4,004	19.1	0.9	(17.2–20.9)
Nebraska	4,936	18.0	0.7	(16.5–19.4)
Nevada	2,935	17.9	1.1	(15.8–19.9)
New Hampshire	5,014	17.7	0.7	(16.3–19.1)
New Jersey	11,215	16.0	0.5	(15.0–16.9)
New Mexico	5,465	15.3	0.6	(14.0–16.5)
New York	5,483	16.9	0.7	(15.6–18.1)
North Carolina	9,360	8.6	0.5	(7.5–9.6)
North Dakota	3,005	21.4	0.9	(19.5–23.2)
Ohio	3,779	16.7	0.8	(15.1–18.2)
Oklahoma	7,581	13.3	0.5	(12.2–14.3)
Oregon	3,993	15.5	0.7	(14.1–16.8)
Pennsylvania	3,641	18.0	0.8	(16.5–19.4)
Rhode Island	4,018	18.2	0.8	(16.5–19.8)
South Carolina	5,888	14.4	0.6	(13.2–15.5)
South Dakota	5,233	19.0	0.7	(17.6–20.3)
Tennessee	2,524	6.6	0.6	(5.4–7.7)
Texas	5,979	16.3	0.6	(15.1–17.4)
Utah	4,035	10.2	0.7	(8.8–11.5)
Vermont	4,220	17.3	0.8	(15.7–18.8)
Virginia	5,382	15.1	0.8	(13.5–16.6)
Washington	18,509	15.2	0.4	(14.4–15.9)
West Virginia	3,322	11.1	0.7	(9.7–12.4)
Wisconsin	4,027	24.2	0.9	(22.4–25.9)
Wyoming	3,985	18.3	0.8	(16.7–19.8)
Guam	793	18.7	1.6	(15.5–21.9)
Puerto Rico	4,112	9.8	0.7	(8.5–11.1)
U.S. Virgin Islands	2,006	14.2	1.1	(12.2–16.3)

*Having five or more drinks on at least one occasion.

†Standard error.

‡Confidence interval.

TABLE 15. Estimated prevalence of persons who reported binge drinking* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE†	(95% CI§)
Albuquerque, New Mexico	1,664	13.7	1.1	(11.6–15.9)
Anchorage, Alaska	555	17.9	1.9	(14.1–21.6)
Asheville, North Carolina	646	8.8	1.6	(5.6–11.9)
Atlanta-Sandy Springs-Marietta, Georgia	2,146	13.7	1.0	(11.7–15.6)
Augusta-Richmond County, Georgia-South Carolina	760	12.5	1.5	(9.5–15.5)
Baltimore-Towson, Maryland	1,681	16.4	1.2	(14.1–18.7)
Baton Rouge, Louisiana	780	19.7	1.8	(16.2–23.1)
Bethesda-Frederick-Gaithersburg, Maryland	949	13.6	1.5	(10.7–16.5)
Birmingham-Hoover, Alabama	863	16.0	1.6	(12.8–19.3)
Boise City-Nampa, Idaho	1,189	16.4	1.4	(13.7–19.1)
Boston-Quincy, Massachusetts¶	1,906	20.0	1.2	(17.6–22.4)
Bremerton-Silverdale, Washington	871	12.8	1.4	(10.0–15.6)
Bridgeport-Stamford Norwalk, Connecticut	1,200	18.8	1.4	(16.0–21.6)
Burlington-South Burlington, Vermont	1,248	18.7	1.6	(15.5–21.8)
Cambridge-Newton-Framingham, Massachusetts	1,368	17.1	1.3	(14.5–19.7)
Carden, New Jersey¶	1,613	18.7	1.3	(16.1–21.3)
Casper, Wyoming	525	16.6	2.0	(12.8–20.4)
Charleston, West Virginia	615	11.1	1.6	(7.9–14.4)
Charleston-North Charleston, South Carolina	751	21.2	1.9	(17.5–25.0)
Charlotte-Gas.-Concord, North Carolina-South Carolina	908	9.9	1.4	(7.2–12.6)
Cheyenne, Wyoming	651	19.6	1.9	(15.8–23.4)
Chicago-Nap.-Joliet, Illinois-Indiana-Wisconsin	3,531	16.4	0.8	(14.9–18.0)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,335	17.3	1.5	(14.4–20.2)
Cleveland-Elyria-Mentor, Ohio	994	15.9	1.7	(12.6–19.1)
Columbia, South Carolina	977	16.8	1.6	(13.6–20.0)
Columbus, Ohio	604	15.6	1.9	(12.0–19.2)
Concord, New Hampshire	577	14.3	1.8	(10.8–17.8)
Dallas-Plano-Irving, Texas¶	893	18.4	1.6	(15.2–21.6)
Denver-Aurora, Colorado	1,909	18.4	1.1	(16.3–20.5)
Des Moines, Iowa	850	19.5	1.7	(16.2–22.7)
Detroit-Livonia-Dearborn, Michigan¶	523	18.2	2.2	(13.9–22.4)
Dover, Delaware	1,345	15.4	1.3	(12.8–17.9)
Dirham, North Carolina	768	12.0	2.1	(7.9–16.1)
Edison, New Jersey¶	3,058	15.2	0.9	(13.5–17.0)
Essex County, Massachusetts¶	792	16.6	1.6	(13.4–19.8)
Fairbanks, Alaska	516	19.3	2.0	(15.3–23.2)
Fargo, North Dakota-Minnesota	548	24.9	4.3	(16.5–33.4)
Fayetteville-Spr-Rogers, Arkansas-Missouri	522	15.9	2.1	(11.7–20.1)
Greensboro-High Point, North Carolina	549	9.7	2.3	(5.2–14.2)
Greenville, South Carolina	790	12.7	1.6	(9.7–15.8)
Hartford-West -East Hartford, Connecticut	1,915	16.9	1.0	(14.9–19.0)
Hilo, Hawaii	961	15.0	1.5	(12.1–17.9)
Honolulu, Hawaii	2,229	13.2	0.9	(11.4–15.0)
Houston-Baytown-Sugar Land, Texas	1,178	16.0	1.3	(13.4–18.6)
Huntington-Ashland, West Virginia-Kentucky-Ohio	552	13.0	2.1	(8.8–17.2)
Indianapolis, Indiana	1,420	15.3	1.1	(13.0–17.5)
Jackson, Mississippi	729	11.7	1.5	(8.8–14.5)
Kahului-Wailuku, Hawaii	690	12.4	1.5	(9.4–15.4)
Kansas City, Missouri-Kansas	1,825	16.3	1.3	(13.8–18.8)
Kennewick-Richland-Pasco, Washington	611	11.3	1.6	(8.2–14.5)
Las Cruces, New Mexico	544	19.7	2.1	(15.5–23.9)
Las Vegas-Paradise, Nevada	967	18.2	1.5	(15.3–21.1)
Lebanon, New Hampshire-Vermont	1,033	19.2	1.8	(15.8–22.6)
Lincoln, Nebraska	795	18.8	2.0	(14.8–22.8)
Little Rock-N. Little Rock, Arkansas	929	12.9	1.4	(10.2–15.6)
Los Angeles-Long Beach-Glendale, California	978	13.9	1.3	(11.3–16.5)
Louisville, Kentucky-Indiana	812	12.3	1.5	(9.3–15.4)
Manchester-Nashua, New Hampshire	1,361	18.4	1.3	(15.7–21.0)
Memphis, Tennessee-Mississippi-Arkansas	701	6.8	1.2	(4.4–9.1)
Miami-Ft Lauderdale, Florida	572	14.4	1.9	(10.6–18.2)
Milwaukee-Waukesha-W. Allis, Wisconsin	1,291	23.4	1.9	(19.8–27.1)
Minneapolis-St. Paul-, Minnesota-Wisconsin	2,191	18.3	1.1	(16.2–20.3)
Nashville-Davidson-Murfreesboro, Tennessee	574	8.6	1.5	(5.7–11.5)

TABLE 15. (Continued) Estimated prevalence of persons who reported binge drinking* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE†	(95% CI‡)
Newark-Union, New Jersey-Pennsylvania¶	2,727	15.0	0.9	(13.2–16.8)
New Haven-Milford, Connecticut	1,167	13.3	1.2	(10.9–15.7)
New Orleans-Metairie-Kenner, Louisiana	1,191	17.6	1.4	(14.9–20.4)
New York-White Plains, New York-New Jersey	4,373	15.9	0.9	(14.2–17.6)
Ogden-Clearfield, Utah	522	8.1	1.4	(5.4–10.8)
Oklahoma City, Oklahoma	2,272	14.6	1.0	(12.7–16.5)
Olympia, Washington	705	16.7	1.7	(13.4–20.0)
Omaha-Council Bluffs, Nebraska-Iowa	1,977	18.2	1.1	(16.1–20.3)
Philadelphia, Pennsylvania Metropolitan	931	20.2	1.6	(17.0–23.4)
Phoenix-Mesa-Scottsdale, Arizona	1,044	16.5	1.7	(13.2–19.7)
Pittsburgh, Pennsylvania	733	20.3	1.7	(16.9–23.7)
Portland-South Portland, Maine	862	17.6	1.6	(14.5–20.7)
Portland-Vancouver-Beav, Oregon-Washington	2,919	15.2	0.9	(13.3–17.0)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,887	17.8	0.8	(16.2–19.4)
Raleigh-Cary, North Carolina	646	8.5	1.6	(5.3–11.7)
Rapid City, South Dakota	917	16.7	1.5	(13.8–19.7)
Reno-Sparks, Nevada	1,005	17.6	1.4	(15.0–20.3)
Richmond, Virginia	809	17.1	1.7	(13.7–20.6)
Rockingham County-Strafford County, New Hampshire¶	1,526	20.1	1.3	(17.5–22.6)
St. Louis, Missouri-Illinois	954	19.9	1.6	(16.7–23.1)
Salt Lake City, Utah	1,527	13.5	1.2	(11.2–15.9)
San Francisco-Oakland-Fremont, California	576	14.8	1.8	(11.3–18.4)
Seaford, Delaware	1,270	17.2	1.4	(14.5–20.0)
Seattle-Bellevue-Everett, Washington¶	4,458	15.4	0.7	(14.1–16.8)
Shreveport-Bossier City, Louisiana	497	15.0	2.0	(11.0–19.0)
Sioux Falls, South Dakota	794	20.0	1.7	(16.6–23.4)
Spokane, Washington	1,121	15.7	1.4	(13.0–18.4)
Springfield, Massachusetts	1,041	17.6	1.8	(14.1–21.1)
Suffolk County-Nassau County, New York¶	717	16.1	1.9	(12.5–19.8)
Tacoma, Washington¶	1,501	14.8	1.2	(12.6–17.1)
Topeka, Kansas	515	10.1	1.6	(6.9–13.4)
Trenton-Ewing, New Jersey	510	14.2	2.0	(10.3–18.1)
Tucson, Arizona	742	15.5	1.7	(12.1–18.9)
Tulsa, Oklahoma	2,000	13.3	1.1	(11.2–15.3)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,150	14.1	1.5	(11.2–17.1)
Warren-Farmington Hills-Troy, Michigan¶	748	19.8	1.7	(16.4–23.3)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia¶	3,787	15.5	1.3	(13.1–18.0)
Wenatchee, Washington	517	16.7	1.9	(12.9–20.5)
Wichita, Kansas	845	10.3	1.3	(7.6–12.9)
Wilmington, Delaware-Maryland-New Jersey¶	1,630	19.4	1.3	(16.9–21.9)
Worcester, Massachusetts	1,100	19.3	1.7	(15.9–22.7)
Yakima, Washington	687	12.5	1.6	(9.4–15.6)

* Having five or more drinks on at least one occasion.

† Standard error.

‡ Confidence interval.

¶ Metropolitan division.

TABLE 16. Estimated prevalence of persons who reported binge drinking* during the preceding month, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI§)
Jefferson County, Alabama	519	17.7	2.2	(13.4–22.0)
Anchorage Municipality, Alaska	432	17.1	2.1	(12.9–21.3)
Fairbanks North Star Borough, Alaska	516	19.3	2.0	(15.3–23.2)
Maricopa County, Arizona	869	16.5	1.7	(13.2–19.8)
Pima County, Arizona	742	15.5	1.7	(12.1–18.9)
Pulaski County, Arkansas	579	13.7	1.8	(10.3–17.1)
Los Angeles County, California	978	13.9	1.3	(11.3–16.5)
Adams County, Colorado	281	18.1	2.9	(12.4–23.9)
Arapahoe County, Colorado	419	16.7	2.2	(12.3–21.1)
Denver County, Colorado	452	22.9	2.5	(18.1–27.8)
Jefferson County, Colorado	499	18.0	2.0	(14.0–22.0)
Fairfield County, Connecticut	1,200	18.8	1.4	(16.0–21.6)
Hartford County, Connecticut	1,387	15.6	1.2	(13.3–17.9)
Middlesex County, Connecticut	276	17.6	2.6	(12.4–22.8)
New Haven County, Connecticut	1,167	13.3	1.2	(10.9–15.7)
Tolland County, Connecticut	252	20.9	3.2	(14.6–27.1)
Kent County, Delaware	1,345	15.4	1.3	(12.8–17.9)
New Castle County, Delaware	1,412	20.0	1.3	(17.3–22.6)
Sussex County, Delaware	1,270	17.2	1.4	(14.5–20.0)
District of Columbia	2,013	18.6	1.2	(16.3–20.9)
DeKalb County, Georgia	255	16.6	3.2	(10.4–22.8)
Fulton County, Georgia	272	13.6	2.4	(8.8–18.4)
Richmond County, Georgia	280	11.8	2.6	(6.8–16.9)
Hawaii County, Hawaii	961	15.0	1.5	(12.1–17.9)
Honolulu County, Hawaii	2,229	13.2	0.9	(11.4–15.0)
Maui County, Hawaii	690	12.4	1.5	(9.4–15.4)
Ada County, Idaho	618	17.5	1.8	(13.9–21.1)
Canyon County, Idaho	441	13.7	1.9	(9.9–17.5)
Cook County, Illinois	1,845	16.3	1.1	(14.2–18.4)
DuPage County, Illinois	345	15.7	2.4	(11.0–20.4)
Lake County, Illinois	259	16.7	2.7	(11.4–21.9)
Lake County, Indiana	302	15.6	2.7	(10.3–20.8)
Marion County, Indiana	771	17.0	1.6	(13.8–20.3)
Polk County, Iowa	609	20.5	2.0	(16.6–24.4)
Johnson County, Kansas	742	14.1	1.6	(11.0–17.2)
Sedgwick County, Kansas	626	10.0	1.5	(7.0–13.1)
Shawnee County, Kansas	430	8.7	1.6	(5.6–11.8)
Jefferson County, Kentucky	388	13.1	2.4	(8.4–17.8)
Caddo Parish, Louisiana	316	13.7	2.4	(8.9–18.5)
East Baton Rouge Parish, Louisiana	428	22.2	2.5	(17.3–27.2)
Jefferson Parish, Louisiana	389	15.1	2.3	(10.6–19.6)
Orleans Parish, Louisiana	402	18.3	2.6	(13.3–23.3)
Cumberland County, Maine	466	16.8	2.1	(12.6–20.9)
York County, Maine	324	18.2	2.6	(13.2–23.3)
Anne Arundel County, Maryland	347	18.2	2.6	(13.1–23.4)
Baltimore County, Maryland	498	18.2	2.1	(14.1–22.3)
Frederick County, Maryland	338	14.8	2.4	(10.1–19.5)
Montgomery County, Maryland	611	13.6	1.8	(10.1–17.0)
Prince George's County, Maryland	417	9.9	1.9	(6.2–13.6)
Baltimore city, Maryland	318	16.3	2.8	(10.8–21.7)
Bristol County, Massachusetts	869	17.4	1.9	(13.7–21.1)
Essex County, Massachusetts	792	17.0	1.7	(13.7–20.3)
Hampden County, Massachusetts	780	19.7	2.3	(15.2–24.1)
Middlesex County, Massachusetts	1,368	16.9	1.3	(14.3–19.5)
Norfolk County, Massachusetts	515	19.8	2.2	(15.5–24.1)
Plymouth County, Massachusetts	388	16.6	2.4	(12.0–21.2)
Suffolk County, Massachusetts	1,003	22.2	1.8	(18.7–25.7)
Worcester County, Massachusetts	1,100	19.3	1.7	(15.9–22.7)
Oakland County, Michigan	390	16.7	2.2	(12.4–20.9)
Wayne County, Michigan	523	18.2	2.2	(13.9–22.4)
Dakota County, Minnesota	260	18.3	2.6	(13.2–23.3)
Hennepin County, Minnesota	822	18.5	1.8	(14.9–22.0)
Ramsey County, Minnesota	357	17.0	2.5	(12.0–21.9)

TABLE 16. (Continued) Estimated prevalence of persons who reported binge drinking* during the preceding month, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI‡)
Hinds County, Mississippi	370	12.5	2.1	(8.4–16.6)
Jackson County, Missouri	360	17.0	2.3	(12.5–21.5)
St. Louis County, Missouri	319	18.1	2.5	(13.2–23.0)
Douglas County, Nebraska	1,174	17.4	1.4	(14.7–20.0)
Lancaster County, Nebraska	739	19.5	2.1	(15.3–23.7)
Sarpy County, Nebraska	297	20.1	2.7	(14.8–25.5)
Clark County, Nevada	967	18.2	1.5	(15.3–21.1)
Washoe County, Nevada	991	17.7	1.4	(15.0–20.4)
Grafton County, New Hampshire	370	18.1	2.6	(13.1–23.1)
Hillsborough County, New Hampshire	361	18.4	1.3	(15.7–21.0)
Merrimack County, New Hampshire	577	14.3	1.8	(10.8–17.8)
Rockingham County, New Hampshire	077	19.4	1.4	(16.6–22.2)
Strafford County, New Hampshire	449	19.8	2.4	(15.2–24.5)
Bergen County, New Jersey	117	13.4	1.3	(10.8–16.0)
Burlington County, New Jersey	600	18.0	2.0	(14.1–21.9)
Camden County, New Jersey	643	20.3	2.0	(16.4–24.3)
Essex County, New Jersey	879	13.4	1.5	(10.5–16.3)
Gloucester County, New Jersey	370	16.6	2.6	(11.4–21.7)
Hudson County, New Jersey	589	18.3	1.9	(14.6–22.1)
Mercer County, New Jersey	510	14.2	2.0	(10.3–18.1)
Middlesex County, New Jersey	973	15.7	1.5	(12.7–18.8)
Monmouth County, New Jersey	816	18.3	1.8	(14.7–21.8)
Morris County, New Jersey	721	19.2	2.0	(15.3–23.1)
Ocean County, New Jersey	794	12.0	1.6	(8.9–15.2)
Passaic County, New Jersey	554	18.5	2.2	(14.2–22.7)
Somerset County, New Jersey	663	14.4	1.6	(11.1–17.6)
Bernalillo County, New Mexico	095	12.8	1.3	(10.3–15.4)
Dona Ana County, New Mexico	303	12.8	2.3	(8.2–17.4)
Kings County, New York	489	14.1	1.9	(10.4–17.8)
Nassau County, New York	324	12.7	2.1	(8.6–16.8)
New York County, New York	522	20.7	2.3	(16.3–25.2)
Queens County, New York	404	15.9	2.4	(11.1–20.7)
Suffolk County, New York	393	18.0	2.6	(12.9–23.2)
Westchester County, New York	253	11.6	2.4	(6.8–16.3)
Buncombe County, North Carolina	450	10.3	2.1	(6.1–14.5)
Guilford County, North Carolina	439	11.4	2.2	(7.1–15.7)
Mecklenburg County, North Carolina	443	12.1	2.1	(8.0–16.3)
Orange County, North Carolina	451	18.4	2.9	(12.7–24.1)
Wake County, North Carolina	450	8.5	1.9	(4.7–12.2)
Cass County, North Dakota	496	25.2	2.5	(20.3–30.0)
Cuyahoga County, Ohio	428	18.8	2.4	(14.1–23.5)
Franklin County, Ohio	467	16.4	2.1	(12.4–20.5)
Hamilton County, Ohio	517	19.2	2.1	(15.0–23.3)
Lorain County, Ohio	469	16.4	2.3	(12.0–20.8)
Cleveland County, Oklahoma	366	18.1	2.7	(12.7–23.4)
Oklahoma County, Oklahoma	1,337	14.6	1.2	(12.2–17.0)
Tulsa County, Oklahoma	1,393	14.5	1.4	(11.8–17.2)
Clackamas County, Oregon	346	13.8	2.4	(9.2–18.4)
Multnomah County, Oregon	723	16.7	1.7	(13.4–20.1)
Washington County, Oregon	480	12.2	1.7	(8.9–15.4)
Allegheny County, Pennsylvania	368	22.3	2.5	(17.5–27.1)
Philadelphia County, Pennsylvania	326	19.8	2.7	(14.4–25.1)
Kent County, Rhode Island	562	16.7	1.9	(13.0–20.4)
Newport County, Rhode Island	335	23.1	3.0	(17.1–29.0)
Providence County, Rhode Island	2,492	17.8	1.0	(15.9–19.8)
Washington County, Rhode Island	457	18.8	2.3	(14.3–23.4)
Charleston County, South Carolina	443	26.2	2.6	(21.1–31.2)
Greenville County, South Carolina	523	13.0	1.8	(9.4–16.6)
Lexington County, South Carolina	326	20.1	2.8	(14.6–25.6)
Richland County, South Carolina	479	14.9	2.3	(10.3–19.4)
York County, South Carolina	287	14.6	2.4	(9.8–19.4)
Minnehaha County, South Dakota	616	18.6	1.9	(14.9–22.4)
Pennington County, South Dakota	725	15.7	1.6	(12.5–18.8)

TABLE 16. (Continued) Estimated prevalence of persons who reported binge drinking* during the preceding month, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI‡)
Shelby County, Tennessee	331	3.9	1.3	(1.4–6.4)
Dallas County, Texas	547	18.4	2.1	(14.3–22.5)
Harris County, Texas	793	16.1	1.6	(12.8–19.3)
Salt Lake County, Utah	1,011	13.1	1.3	(10.6–15.6)
Summit County, Utah	252	20.3	3.1	(14.3–26.3)
Tooele County, Utah	264	15.7	2.4	(10.9–20.5)
Weber County, Utah	266	9.0	2.0	(5.2–12.9)
Chittenden County, Vermont	916	20.1	2.1	(15.9–24.2)
Franklin County, Vermont	279	17.6	2.8	(12.1–23.0)
Windsor County, Vermont	428	16.1	2.3	(11.7–20.6)
Benton County, Washington	355	11.2	1.9	(7.4–14.9)
Chelan County, Washington	278	17.4	2.6	(12.2–22.5)
Clark County, Washington	998	15.9	1.5	(13.0–18.8)
Franklin County, Washington	256	11.8	2.7	(6.6–17.0)
King County, Washington	3,004	15.8	0.8	(14.2–17.3)
Kitsap County, Washington	871	12.8	1.4	(10.0–15.6)
Pierce County, Washington	1,501	14.7	1.1	(12.4–16.9)
Snohomish County, Washington	1,454	15.1	1.1	(12.9–17.3)
Spokane County, Washington	1,121	15.7	1.4	(13.0–18.4)
Thurston County, Washington	705	16.7	1.7	(13.4–20.0)
Yakima County, Washington	687	12.5	1.6	(9.4–15.6)
Kanawha County, West Virginia	401	12.5	2.2	(8.2–16.7)
Milwaukee County, Wisconsin	1,010	22.9	2.3	(18.4–27.4)
Laramie County, Wyoming	651	19.6	1.9	(15.8–23.4)
Natrona County, Wyoming	525	16.6	2.0	(12.8–20.4)

* Having five or more drinks on at least one occasion.

† Standard error.

‡ Confidence interval.

TABLE 17. Estimated prevalence of persons who reported heavy drinking* during the preceding month, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE†	(95% CI‡)
Alabama	3,314	4.7	0.5	(3.7–5.6)
Alaska	2,623	7.1	0.7	(5.6–8.5)
Arizona	3,210	5.4	0.6	(4.2–6.5)
Arkansas	4,167	5.0	0.4	(4.1–5.8)
California	4,456	5.7	0.4	(4.8–6.5)
Colorado	4,046	6.3	0.4	(5.4–7.1)
Connecticut	5,264	6.7	0.4	(5.8–7.5)
Delaware	4,026	7.8	0.6	(6.5–9.0)
District of Columbia	2,022	7.1	0.8	(5.6–8.5)
Florida	4,968	7.0	0.6	(5.8–8.1)
Georgia	7,551	5.3	0.4	(4.5–6.0)
Hawaii	4,280	6.0	0.5	(5.0–6.9)
Idaho	4,963	5.6	0.4	(4.7–6.4)
Illinois	5,236	5.1	0.4	(4.3–5.8)
Indiana	5,444	5.7	0.4	(4.9–6.4)
Iowa	4,972	6.0	0.5	(5.0–6.9)
Kansas	4,575	3.8	0.4	(3.0–4.5)
Kentucky	7,529	3.0	0.4	(2.3–3.6)
Louisiana	4,977	6.0	0.4	(5.1–6.8)
Maine	2,372	6.7	0.6	(5.4–7.9)
Maryland	4,402	5.3	0.4	(4.4–6.1)
Massachusetts	7,510	7.6	0.4	(6.7–8.4)
Michigan	3,535	6.1	0.5	(5.1–7.0)
Minnesota	3,861	5.6	0.5	(4.6–6.5)
Mississippi	4,369	4.7	0.4	(3.9–5.5)
Missouri	4,233	5.5	0.5	(4.4–6.5)
Montana	4,001	6.7	0.6	(5.5–7.8)
Nebraska	4,917	5.3	0.5	(4.4–6.1)
Nevada	2,930	7.4	0.7	(6.0–8.7)
New Hampshire	5,012	7.3	0.5	(6.3–8.2)
New Jersey	11,204	5.2	0.3	(4.6–5.7)
New Mexico	5,458	5.6	0.4	(4.8–6.3)
New York	5,481	5.9	0.4	(5.1–6.6)
North Carolina	9,355	3.0	0.3	(2.3–3.6)
North Dakota	2,996	5.8	0.6	(4.7–6.8)
Ohio	3,798	6.0	0.5	(4.9–7.0)
Oklahoma†	7,577	4.2	0.3	(3.5–4.8)
Oregon	3,989	6.5	0.5	(5.5–7.4)
Pennsylvania	3,638	6.5	0.5	(5.5–7.4)
Rhode Island	4,023	7.8	0.6	(6.6–8.9)
South Carolina	5,879	5.9	0.4	(5.1–6.6)
South Dakota	5,231	4.5	0.4	(3.7–5.2)
Tennessee	2,527	2.2	0.3	(1.5–2.8)
Texas	5,984	5.9	0.4	(5.1–6.6)
Utah	4,035	2.7	0.4	(2.0–3.3)
Vermont	4,225	7.7	0.6	(6.6–8.7)
Virginia	5,385	4.7	0.4	(3.9–5.4)
Washington	18,438	5.5	0.2	(5.0–5.9)
West Virginia	3,322	3.1	0.4	(2.3–3.8)
Wisconsin	4,028	8.6	0.6	(7.4–9.7)
Wyoming	3,970	6.6	0.5	(5.6–7.5)
Guam	797	5.7	0.9	(3.9–7.6)
Puerto Rico	4,101	2.4	0.3	(1.7–3.1)
U.S. Virgin Islands	2,005	6.5	0.7	(5.0–7.9)

* Averaging more than two drinks per day during the preceding month for men and more than one drink per day for women.

† Standard error.

‡ Confidence interval.

TABLE 18. Estimated prevalence of persons who reported heavy drinking* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE†	(95% CI§)
Albuquerque, New Mexico	1,661	5.6	0.7	(4.3–6.9)
Anchorage, Alaska	554	7.2	1.3	(4.7–9.8)
Asheville, North Carolina	647	3.0	1.0	(1.0–4.9)
Atlanta- Marietta, Georgia	2,149	6.0	0.7	(4.7–7.3)
Augusta-Richmond County, Georgia-South Carolina	763	4.5	0.9	(2.8–6.3)
Baltimore-Towson, Maryland	1,680	5.3	0.6	(4.0–6.6)
Baton Rouge, Louisiana	775	8.2	1.2	(5.8–10.5)
Bethesda-Frederick-Gaithersburg, Maryland¶	953	5.1	0.9	(3.5–6.8)
Birmingham-Hoover, Alabama	864	5.1	0.9	(3.4–6.8)
Boise City-Nampa, Idaho	1,189	5.5	0.9	(3.8–7.2)
Boston-Quincy, Massachusetts¶	1,908	7.8	0.8	(6.2–9.4)
Bremerton-Silverdale, Washington	866	5.9	1.0	(4.0–7.8)
Bridgeport-Stamford-Norwalk, Connecticut	1,198	8.2	1.1	(6.1,10.3)
Burlington-South Burlington, Vermont	1,247	8.7	1.2	(6.3–11.1)
Cambridge-Newton-Framingham, Massachusetts¶	1,363	6.7	0.9	(5.0–8.5)
Camden, New Jersey¶	1,605	5.6	0.8	(4.0–7.1)
Casper, Wyoming	521	7.9	1.4	(5.1–10.6)
Charleston, West Virginia	612	1.6	0.6	(0.4–2.7)
Charleston-North Charleston, South Carolina	750	9.1	1.3	(6.7–11.6)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	911	3.7	0.9	(1.9–5.5)
Cheyenne, Wyoming	645	6.3	1.1	(4.1–8.4)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,531	4.3	0.4	(3.5–5.0)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,344	6.3	0.9	(4.4–8.1)
Cleveland-Elyria-Mentor, Ohio	1,001	7.2	1.3	(4.7–9.8)
Columbia, South Carolina	973	6.0	0.9	(4.2–7.9)
Columbus, Ohio	604	6.3	1.3	(3.8–8.9)
Concord, New Hampshire	578	7.4	1.3	(4.8–10.0)
Dallas-Plano-Irving, Texas¶	894	5.6	0.9	(3.8–7.5)
Denver-Aurora, Colorado	1,907	6.7	0.7	(5.4–8.0)
Des Moines, Iowa	848	5.5	0.9	(3.6–7.3)
Detroit-Livonia-Dearborn, Michigan¶	525	4.3	1.1	(2.1–6.5)
Dover, Delaware	1,345	5.9	0.8	(4.3–7.5)
Durham, North Carolina	768	1.8	0.4	(1.0–2.6)
Edison, New Jersey¶	3,060	5.3	0.5	(4.3–6.4)
Essex County, Massachusetts¶	793	6.3	1.0	(4.3–8.2)
Fairbanks, Alaska	518	7.1	1.3	(4.5–9.7)
Fargo, North Dakota-Minnesota	545	9.3	3.6	(2.4–16.3)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	522	4.7	1.2	(2.4–7.1)
Greensboro-High Point, North Carolina	550	5.4	2.1	(1.2–9.6)
Greenville, South Carolina	789	4.6	1.1	(2.5–6.8)
Hartford-West Hartford-East Hartford, Connecticut	1,909	5.8	0.6	(4.6–7.1)
Hilo, Hawaii	959	5.9	0.9	(4.1–7.7)
Honolulu, Hawaii	2,231	5.9	0.6	(4.7–7.1)
Houston-Baytown-Sugar Land, Texas	1,180	6.0	0.8	(4.3–7.6)
Huntington-Ashland, West Virginia-Kentucky-Ohio	550	3.3	1.0	(1.4–5.2)
Indianapolis, Indiana	1,421	6.6	0.8	(5.0–8.3)
Jackson, Mississippi	727	4.6	0.9	(2.8–6.5)
Kahului-Wailuku, Hawaii	685	6.6	1.2	(4.3–8.9)
Kansas City, Missouri-Kansas	1,824	3.9	0.7	(2.5–5.2)
Kennewick-Richland-Pasco, Washington	607	3.2	0.8	(1.6–4.9)
Las Cruces, New Mexico	544	6.4	1.5	(3.4–9.4)
Las Vegas-Paradise, Nevada	963	7.1	0.9	(5.3–9.0)
Lebanon, New Hampshire-Vermont	1,040	9.0	1.2	(6.6–11.3)
Lincoln, Nebraska	796	6.0	1.5	(3.0–9.0)
Little Rock-North Little Rock, Arkansas	925	4.8	0.8	(3.2–6.4)
Los Angeles-Long Beach-Glendale, California¶	981	4.2	0.8	(2.6–5.8)
Louisville, Kentucky-Indiana	812	4.4	1.0	(2.5–6.2)
Manchester-Nashua, New Hampshire	1,356	6.7	1.0	(4.8–8.6)
Memphis, Tennessee-Mississippi-Arkansas	708	4.7	0.9	(2.8–6.5)
Miami-Fort Lauderdale-Miami Beach, Florida	565	5.8	1.1	(3.7–8.0)
Milwaukee-Waukesha-West Allis, Wisconsin	1,293	7.1	1.0	(5.2–9.1)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,199	5.2	0.6	(4.0–6.4)
Nashville-Davidson-Murfreesboro, Tennessee	575	1.7	0.6	(0.6–2.8)

TABLE 18. (Continued) Estimated prevalence of persons who reported heavy drinking* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE†	(95% CI‡)
Newark-Union, New Jersey-Pennsylvania¶	2,724	5.0	0.6	(3.9–6.1)
New Haven-Milford, Connecticut	1,164	4.8	0.8	(3.2–6.3)
New Orleans-Metairie-Kenner, Louisiana	1,191	6.4	0.9	(4.6–8.2)
New York-Wayne-White Plains, New York-New Jersey¶	4,361	5.1	0.5	(4.2–6.1)
Ogden-Clearfield, Utah	524	NA**	NA	NA
Oklahoma City, Oklahoma	2,273	5.4	0.7	(4.1–6.7)
Olympia, Washington	697	8.2	1.3	(5.7–10.7)
Omaha-Council Bluffs, Nebraska-Iowa	1,965	5.8	0.7	(4.5–7.2)
Philadelphia, Pennsylvania¶	927	6.7	1.1	(4.7–8.8)
Phoenix-Mesa-Scottsdale, Arizona	1,043	4.3	0.8	(2.8–5.8)
Pittsburgh, Pennsylvania	734	5.9	1.0	(3.9–7.9)
Portland-South Portland, Maine	867	7.4	1.1	(5.3–9.5)
Portland-Vancouver-Beaverton, Oregon-Washington	2,921	6.1	0.6	(5.0–7.2)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,894	7.3	0.6	(6.2–8.4)
Raleigh-Cary, North Carolina	643	4.6	1.4	(1.8–7.4)
Rapid City, South Dakota	916	3.6	0.7	(2.3–5.0)
Reno-Sparks, Nevada	1,001	8.0	1.0	(6.1–9.8)
Richmond, Virginia	808	5.9	1.0	(4.0–7.8)
Rockingham County-Strafford County, New Hampshire¶	1,525	7.5	0.9	(5.7–9.2)
St. Louis, Missouri-Illinois	954	7.3	1.0	(5.3–9.3)
Salt Lake City, Utah	1,529	4.1	0.7	(2.8–5.4)
San Francisco-Oakland-Fremont, California	578	6.2	1.1	(4.2–8.3)
Seaford, Delaware	1,269	7.7	1.0	(5.8–9.6)
Seattle-Bellevue-Everett, Washington¶	4,440	5.5	0.4	(4.8–6.3)
Shreveport-Bossier City, Louisiana	497	4.5	0.9	(2.7–6.3)
Sioux Falls, South Dakota	795	5.8	1.0	(3.8–7.8)
Spokane, Washington	1,117	5.1	0.8	(3.5–6.7)
Springfield, Massachusetts	1,043	7.3	1.3	(4.8–9.9)
Suffolk County-Nassau County, New York¶	718	5.1	1.1	(2.9–7.2)
Tacoma, Washington¶	1,497	4.8	0.7	(3.5–6.2)
Topeka, Kansas	517	2.6	0.8	(1.2–4.1)
Trenton-Ewing, New Jersey	512	4.3	0.9	(2.6–6.0)
Tucson, Arizona	743	7.6	1.2	(5.3–10.0)
Tulsa, Oklahoma	2,000	4.4	0.7	(3.0–5.8)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,155	5.1	0.8	(3.6–6.6)
Warren-Farmington Hills-Troy, Michigan¶	748	8.0	1.2	(5.7–10.4)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia¶	3,793	4.6	0.5	(3.5–5.6)
Wenatchee, Washington	518	6.4	1.2	(4.0–8.8)
Wichita, Kansas	844	2.8	0.7	(1.5–4.2)
Wilmington, Delaware-Maryland-New Jersey¶	1,630	8.0	0.9	(6.3–9.7)
Worcester, Massachusetts	1,096	8.8	1.3	(6.2–11.5)
Yakima, Washington	683	3.5	0.8	(1.9–5.0)

* Averaging more than two drinks per day during the preceding month for men and more than one drink per day for women.

† Standard error.

‡ Confidence interval.

¶ Metropolitan division.

** Not available.

TABLE 19. Estimated prevalence of persons who reported heavy drinking* during the preceding month, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI§)
Jefferson County, Alabama	519	5.9	1.2	(3.6–8.2)
Anchorage Municipality, Alaska	431	8.7	1.6	(5.6–11.8)
Fairbanks North Star Borough, Alaska	518	7.1	1.3	(4.5–9.7)
Maricopa County, Arizona	867	3.9	0.7	(2.5–5.3)
Pima County, Arizona	743	7.6	1.2	(5.3–10.0)
Pulaski County, Arkansas	577	5.1	1.0	(3.0–7.1)
Los Angeles County, California	981	4.2	0.8	(2.6–5.8)
Adams County, Colorado	280	4.3	1.4	(1.4–7.1)
Arapahoe County, Colorado	418	7.1	1.4	(4.3–9.9)
Denver County, Colorado	453	8.3	1.4	(5.5–11.0)
Jefferson County, Colorado	498	7.0	1.4	(4.3–9.7)
Fairfield County, Connecticut	1,198	8.2	1.1	(6.1–10.3)
Hartford County, Connecticut	1,384	5.9	0.8	(4.4–7.3)
Middlesex County, Connecticut	275	4.4	1.4	(1.6–7.2)
New Haven County, Connecticut	1,164	4.8	0.8	(3.2–6.3)
Tolland County, Connecticut	250	6.9	1.7	(3.6–10.3)
Kent County, Delaware	1,345	5.9	0.8	(4.3–7.5)
New Castle County, Delaware	1,412	8.3	0.9	(6.5–10.1)
Sussex County, Delaware	1,269	7.7	1.0	(5.8–9.6)
District of Columbia	2,022	7.1	0.8	(5.6–8.6)
DeKalb County, Georgia	255	7.4	2.2	(3.2–11.6)
Fulton County, Georgia	271	8.7	2.0	(4.8–12.6)
Richmond County, Georgia	281	3.1	1.3	(0.5–5.7)
Hawaii County, Hawaii	959	5.9	0.9	(4.1–7.7)
Honolulu County, Hawaii	2,231	5.9	0.6	(4.7–7.1)
Maui County, Hawaii	685	6.6	1.2	(4.3–8.9)
Ada County, Idaho	618	6.2	1.2	(3.8–8.5)
Canyon County, Idaho	441	4.2	1.1	(2.1–6.3)
Cook County, Illinois	1,846	4.1	0.5	(3.1–5.1)
DuPage County, Illinois	344	6.1	1.5	(3.1–9.1)
Lake County, Illinois	261	2.9	1.0	(1.0–4.8)
Lake County, Indiana	299	3.8	1.1	(1.6–6.0)
Marion County, Indiana	771	7.4	1.3	(4.9–9.9)
Polk County, Iowa	607	6.0	1.1	(3.8–8.2)
Johnson County, Kansas	740	4.4	0.9	(2.7–6.2)
Sedgwick County, Kansas	625	2.9	0.8	(1.3–4.5)
Shawnee County, Kansas	432	2.2	0.7	(0.8–3.6)
Jefferson County, Kentucky	388	4.8	1.5	(1.9–7.8)
Caddo Parish, Louisiana	314	4.7	1.2	(2.4–7.0)
East Baton Rouge Parish, Louisiana	421	8.5	1.8	(5.1–12.0)
Jefferson Parish, Louisiana	392	6.1	1.6	(2.9–9.2)
Orleans Parish, Louisiana	400	6.6	1.7	(3.3–9.9)
Cumberland County, Maine	471	7.6	1.5	(4.7–10.5)
York County, Maine	324	7.5	1.7	(4.2–10.9)
Anne Arundel County, Maryland	345	9.9	2.0	(5.9–13.9)
Baltimore County, Maryland	496	4.9	1.1	(2.7–7.0)
Frederick County, Maryland	340	6.7	1.9	(3.0–10.4)
Montgomery County, Maryland	613	5.1	1.0	(3.1–7.1)
Prince George's County, Maryland	414	4.2	1.0	(2.2–6.2)
Baltimore city, Maryland	320	3.5	1.2	(1.1–5.8)
Bristol County, Massachusetts	871	6.3	1.2	(3.9–8.7)
Essex County, Massachusetts	793	6.7	1.1	(4.5–8.8)
Hampden County, Massachusetts	782	6.7	1.5	(3.6–9.7)
Middlesex County, Massachusetts	1,363	6.8	0.9	(5.0–8.6)
Norfolk County, Massachusetts	515	6.2	1.4	(3.5–9.0)
Plymouth County, Massachusetts	388	7.2	1.6	(4.1,10.3)
Suffolk County, Massachusetts	1,005	9.9	1.3	(7.3–12.5)
Worcester County, Massachusetts	1,096	8.8	1.3	(6.2–11.5)
Oakland County, Michigan	391	7.4	1.6	(4.3–10.4)
Wayne County, Michigan	525	4.3	1.1	(2.1–6.5)
Dakota County, Minnesota	263	4.0	1.3	(1.4–6.6)
Hennepin County, Minnesota	825	5.4	1.0	(3.4–7.5)
Ramsey County, Minnesota	356	5.6	1.6	(2.5–8.7)

TABLE 19. (Continued) Estimated prevalence of persons who reported heavy drinking* during the preceding month, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI§)
Hinds County, Mississippi	371	4.1	1.1	(1.8–6.3)
Jackson County, Missouri	358	2.3	0.8	(0.8–3.8)
St. Louis County, Missouri	320	7.5	1.7	(4.2–10.7)
Douglas County, Nebraska	1,171	6.0	0.9	(4.2–7.7)
Lancaster County, Nebraska	740	6.0	1.6	(2.8–9.1)
Sarpy County, Nebraska	292	5.8	1.5	(2.8–8.8)
Clark County, Nevada	963	7.1	0.9	(5.3–9.0)
Washoe County, Nevada	987	7.8	1.0	(5.9–9.7)
Grafton County, New Hampshire	373	7.1	1.5	(4.2–9.9)
Hillsborough County, New Hampshire	1,356	6.7	1.0	(4.8–8.6)
Merrimack County, New Hampshire	578	7.4	1.3	(4.8–10.0)
Rockingham County, New Hampshire	1,077	7.6	1.0	(5.7–9.4)
Strafford County, New Hampshire	448	6.6	1.5	(3.7–9.6)
Bergen County, New Jersey	1,113	6.7	1.0	(4.8–8.6)
Burlington County, New Jersey	598	5.2	1.0	(3.2–7.2)
Camden County, New Jersey	638	6.4	1.2	(4.0–8.8)
Essex County, New Jersey	880	4.1	0.9	(2.3–5.8)
Gloucester County, New Jersey	369	3.6	1.4	(0.7–6.4)
Hudson County, New Jersey	585	4.7	1.0	(2.9–6.6)
Mercer County, New Jersey	512	4.3	0.9	(2.6–6.0)
Middlesex County, New Jersey	976	3.8	0.7	(2.4–5.3)
Monmouth County, New Jersey	814	7.6	1.2	(5.3–10.0)
Morris County, New Jersey	720	6.4	1.1	(4.2–8.6)
Ocean County, New Jersey	796	4.5	0.9	(2.8–6.3)
Passaic County, New Jersey	554	4.8	1.4	(2.1–7.4)
Somerset County, New Jersey	474	5.6	1.1	(3.4–7.9)
Union County, New Jersey	662	5.0	1.0	(3.0–7.0)
Bernalillo County, New Mexico	1,094	4.9	0.7	(3.4–6.3)
Dona Ana County, New Mexico	544	6.4	1.5	(3.4–9.4)
Sandoval County, New Mexico	303	7.2	2.0	(3.3–11.1)
Kings County, New York	490	3.5	0.8	(1.8–5.1)
Nassau County, New York	326	3.0	0.8	(1.4–4.5)
New York County, New York	520	8.4	1.4	(5.7–11.2)
Queens County, New York	401	4.8	1.4	(2.0–7.6)
Suffolk County, New York	392	5.7	1.4	(2.9–8.5)
Westchester County, New York	251	3.9	1.4	(1.1–6.7)
Buncombe County, North Carolina	450	4.0	1.4	(1.2–6.7)
Guilford County, North Carolina	440	4.4	1.4	(1.7–7.1)
Mecklenburg County, North Carolina	443	5.4	1.6	(2.3–8.6)
Orange County, North Carolina	450	4.8	1.4	(2.1–7.5)
Wake County, North Carolina	449	5.6	1.7	(2.2–9.1)
Cass County, North Dakota	493	6.5	1.7	(3.2–9.8)
Cuyahoga County, Ohio	430	6.7	1.6	(3.5–10.0)
Franklin County, Ohio	468	6.4	1.3	(3.8–9.0)
Hamilton County, Ohio	526	7.3	1.5	(4.3–10.2)
Lorain County, Ohio	474	6.4	1.7	(3.1–9.6)
Cleveland County, Oklahoma	367	8.2	2.1	(4.1–12.4)
Oklahoma County, Oklahoma	1,338	5.1	0.8	(3.5–6.6)
Tulsa County, Oklahoma	1,394	4.9	0.9	(3.1–6.8)
Clackamas County, Oregon	346	4.9	1.2	(2.6–7.2)
Multnomah County, Oregon	724	8.6	1.2	(6.2–10.9)
Washington County, Oregon	482	3.6	0.8	(2.1–5.1)
Allegheny County, Pennsylvania	370	6.6	1.4	(3.7–9.4)
Philadelphia County, Pennsylvania	324	7.9	1.9	(4.2–11.7)
Kent County, Rhode Island	566	7.8	1.3	(5.2–10.3)
Newport County, Rhode Island	334	8.5	1.8	(4.9–12.1)
Providence County, Rhode Island	2,495	7.3	0.7	(5.9–8.8)
Washington County, Rhode Island	457	8.6	1.6	(5.5–11.7)
Charleston County, South Carolina	443	11.5	1.9	(7.8–15.1)
Greenville County, South Carolina	523	3.7	1.0	(1.8–5.6)
Lexington County, South Carolina	325	7.2	1.8	(3.8–10.6)
Richland County, South Carolina	476	4.5	1.2	(2.1–7.0)
York County, South Carolina	288	5.6	1.6	(2.5–8.8)

TABLE 19. (Continued) Estimated prevalence of persons who reported heavy drinking* during the preceding month, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI‡)
Minnehaha County, South Dakota	618	4.9	1.1	(2.8–7.1)
Pennington County, South Dakota	724	3.6	0.7	(2.2–5.0)
Shelby County, Tennessee	334	2.9	1.0	(0.9–4.9)
Dallas County, Texas	548	5.1	1.1	(2.9–7.3)
Harris County, Texas	792	5.5	1.0	(3.6–7.5)
Salt Lake County, Utah	1,013	4.0	0.7	(2.6–5.4)
Summit County, Utah	254	7.2	1.9	(3.5–10.9)
Tooele County, Utah	262	3.6	1.3	(1.1–6.2)
Weber County, Utah	268	1.1	0.5	(0.1–2.1)
Chittenden County, Vermont	915	8.1	1.6	(4.9–11.3)
Franklin County, Vermont	279	10.7	2.4	(6.0–15.4)
Windsor County, Vermont	432	8.1	1.5	(5.2–11.1)
Benton County, Washington	355	3.1	1.0	(1.2–5.0)
Chelan County, Washington	277	7.6	1.8	(4.1–11.1)
Clark County, Washington	999	5.5	0.9	(3.8–7.2)
Franklin County, Washington	252	3.6	1.6	(0.4–6.9)
King County, Washington	2,988	5.9	0.5	(4.9–6.8)
Kitsap County, Washington	866	5.9	1.0	(4.0–7.8)
Pierce County, Washington	1,497	4.9	0.7	(3.5–6.3)
Snohomish County, Washington	1,452	5.2	0.7	(3.9–6.5)
Spokane County, Washington	1,117	5.1	0.8	(3.5–6.7)
Thurston County, Washington	697	8.2	1.3	(5.7–10.7)
Yakima County, Washington	683	3.5	0.8	(1.9–5.0)
Kanawha County, West Virginia	400	NA¶	NA	NA
Milwaukee County, Wisconsin	1,011	9.3	1.5	(6.5–12.2)
Laramie County, Wyoming	645	6.3	1.1	(4.1–8.4)
Natrona County, Wyoming	521	7.9	1.4	(5.1–10.6)

* Averaging more than two drinks per day during the preceding month for men and more than one drink per day for women.

† Standard error.

‡ Confidence interval.

¶ Not available.

TABLE 20. Estimated prevalence of persons who are overweight,* by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE†	(95% CI‡)
Alabama	3,201	63.2	1.0	(61.2–65.2)
Alaska	2,576	60.7	1.4	(58.0–63.4)
Arizona	3,071	57.1	1.4	(54.4–59.8)
Arkansas	4,027	62.0	0.9	(60.2–63.7)
California	4,322	59.3	0.9	(57.6–61.1)
Colorado	3,915	51.4	0.9	(49.6–53.2)
Connecticut	4,992	54.8	0.8	(53.2–56.4)
Delaware	3,819	60.2	1.1	(58.1–62.3)
District of Columbia	1,951	52.1	1.5	(49.3–55.0)
Florida	4,780	58.6	1.1	(56.4–60.8)
Georgia	7,302	60.6	0.8	(58.9–62.2)
Hawaii	4,161	50.0	1.0	(48.0–51.9)
Idaho	4,738	59.0	0.9	(57.2–60.7)
Illinois	4,951	61.1	0.8	(59.5–62.7)
Indiana	5,234	61.7	0.8	(60.2–63.2)
Iowa	4,785	61.6	0.9	(59.9–63.3)
Kansas	4,379	60.5	0.9	(58.8–62.2)
Kentucky	7,164	63.1	0.9	(61.3–64.8)
Louisiana	4,836	61.1	0.8	(59.5–62.8)
Maine	2,262	58.2	1.2	(55.9–60.5)
Maryland	4,212	59.0	1.0	(57.1–60.9)
Massachusetts	7,135	53.0	0.8	(51.5–54.4)
Michigan	3,439	61.8	1.0	(59.8–63.7)
Minnesota	3,760	60.9	0.9	(59.2–62.7)
Mississippi	4,212	64.9	0.9	(63.1–66.6)
Missouri	4,093	59.2	1.1	(57.1–61.3)
Montana	3,854	56.9	1.1	(54.7–59.1)
Nebraska	4,735	60.9	0.8	(59.3–62.5)
Nevada	2,790	58.5	1.4	(55.8–61.1)
New Hampshire	4,760	57.0	0.8	(55.3–58.6)
New Jersey	10,671	57.2	0.6	(56.1–58.4)
New Mexico	5,258	56.6	0.8	(55.0–58.3)
New York	5,241	56.3	0.8	(54.6–57.9)
North Carolina	8,893	61.0	0.8	(59.4–62.6)
North Dakota	2,885	63.0	1.0	(60.9–65.0)
Ohio	3,602	60.9	1.0	(58.9–62.9)
Oklahoma	7,290	60.5	0.7	(59.2–61.9)
Oregon	3,802	58.3	0.9	(56.5–60.0)
Pennsylvania	3,500	60.2	0.9	(58.3–62.0)
Rhode Island	3,834	56.9	1.0	(55.0–58.9)
South Carolina	5,686	60.2	0.8	(58.7–61.8)
South Dakota	5,049	60.1	0.8	(58.5–61.8)
Tennessee	2,454	60.4	1.2	(58.1–62.7)
Texas	5,638	61.5	0.8	(60.0–63.0)
Utah	3,885	54.7	1.1	(52.5–56.8)
Vermont	4,091	55.5	0.9	(53.7–57.3)
Virginia	5,218	57.7	1.0	(55.8–59.6)
Washington	17,702	58.5	0.5	(57.6–59.5)
West Virginia	3,236	61.7	1.0	(59.7–63.6)
Wisconsin	3,906	60.0	1.0	(58.1–62.0)
Wyoming	3,880	57.1	0.9	(55.4–58.9)
Guam	784	58.1	2.0	(54.1–62.0)
Puerto Rico	3,937	63.6	1.0	(61.6–65.6)
U.S. Virgin Islands	1,960	60.9	1.5	(57.9–63.8)

*Body mass index ≥ 25.0 and ≤ 99.8 kg/m².

†Standard error.

‡Confidence interval.

TABLE 21. Estimated prevalence of persons who are overweight,* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA (s)	Sample size	%	SE†	(95% CI§)
Albuquerque, New Mexico	1,600	53.8	1.5	(50.9–56.8)
Anchorage, Alaska	537	59.4	2.4	(54.7–64.1)
Asheville, North Carolina	613	56.2	2.5	(51.3–61.1)
Atlanta-Sandy Springs-Marietta, Georgia	2,065	58.2	1.4	(55.4–61.0)
Augusta-Richmond County, Georgia-South Carolina	737	63.8	2.1	(59.7–68.0)
Baltimore-Towson, Maryland	1,612	57.9	1.5	(55.0–60.7)
Baton Rouge, Louisiana	750	60.9	2.1	(56.8–64.9)
Bethesda-Frederick-Gaithersburg, Maryland¶	912	55.9	2.0	(51.9–59.9)
Birmingham-Hoover, Alabama	828	63.7	1.9	(59.9–67.4)
Boise City-Nampa, Idaho	1,120	56.4	1.7	(53.0–59.8)
Boston-Quincy, Massachusetts¶	1,800	52.8	1.5	(50.0–55.7)
Bremerton-Silverdale, Washington	842	58.5	2.0	(54.6–62.4)
Bridgeport-Stamford-Norwalk, Connecticut	1,128	54.7	1.7	(51.3–58.1)
Burlington-South Burlington, Vermont	1,223	52.0	1.7	(48.6–55.4)
Cambridge-Newton-Framingham, Massachusetts¶	1,292	48.2	1.7	(44.9–51.5)
Camden, New Jersey¶	1,528	59.1	1.5	(56.2–62.1)
Casper, Wyoming	510	57.1	2.5	(52.2–62.1)
Charleston, West Virginia	596	60.7	2.3	(56.3–65.1)
Charleston-North Charleston, South Carolina	721	56.9	2.2	(52.6–61.1)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	866	59.7	2.2	(55.5–64.0)
Cheyenne, Wyoming	632	55.7	2.2	(51.3–60.0)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,297	60.6	1.0	(58.6–62.5)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,272	62.8	1.9	(59.1–66.6)
Cleveland-Elyria-Mentor, Ohio	941	61.0	2.2	(56.7–65.3)
Columbia, South Carolina	941	58.5	1.9	(54.7–62.3)
Columbus, Ohio	579	58.4	2.4	(53.6–63.2)
Concord, New Hampshire	552	56.1	2.4	(51.5–60.8)
Dallas-Plano-Irving, Texas¶	837	56.4	2.0	(52.4–60.3)
Denver-Aurora, Colorado	1,841	51.6	1.3	(49.0–54.2)
Des Moines, Iowa	823	60.7	2.0	(56.9–64.6)
Detroit-Livonia-Dearborn, Michigan¶	505	63.7	2.6	(58.5–68.9)
Dover, Delaware	1,279	65.2	1.6	(62.2–68.3)
Durham, North Carolina	736	50.9	3.5	(44.1–57.7)
Edison, New Jersey¶	2,908	56.4	1.1	(54.2–58.6)
Essex County, Massachusetts¶	763	54.9	2.2	(50.5–59.2)
Fairbanks, Alaska	508	62.3	2.4	(57.6–66.9)
Fargo, North Dakota-Minnesota	523	58.2	4.1	(50.1–66.3)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	497	58.2	2.7	(52.8–63.5)
Greensboro-High Point, North Carolina	526	61.9	2.8	(56.4–67.4)
Greenville, South Carolina	761	58.8	2.1	(54.7–62.9)
Hartford-West Hartford-East Hartford, Connecticut	1,819	55.3	1.3	(52.7–58.0)
Hilo, Hawaii	927	53.5	2.0	(49.7–57.4)
Honolulu, Hawaii	2,150	49.7	1.3	(47.3–52.2)
Houston-Baytown-Sugar Land, Texas	1,101	63.3	1.7	(60.0–66.7)
Huntington-Ashland, West Virginia-Kentucky-Ohio	532	66.0	3.0	(60.2–71.9)
Indianapolis, Indiana	1,366	59.8	1.5	(56.9–62.7)
Jackson, Mississippi	689	63.9	2.1	(59.8–68.1)
Kahului-Wailuku, Hawaii	677	48.8	2.4	(44.1–53.5)
Kansas City, Missouri-Kansas	1,754	57.7	1.6	(54.7–60.8)
Kennewick-Richland-Pasco, Washington	564	60.9	2.5	(56.0–65.8)
Las Cruces, New Mexico	513	57.8	2.6	(52.7–62.9)
Las Vegas-Paradise, Nevada	902	59.5	1.9	(55.8–63.1)
Lebanon, New Hampshire-Vermont	999	58.7	1.9	(55.0–62.4)
Lincoln, Nebraska	759	55.9	2.2	(51.6–60.2)
Little Rock-North Little Rock, Arkansas	900	58.3	1.9	(54.5–62.0)
Los Angeles-Long Beach-Glendale, California¶	958	60.9	1.9	(57.2–64.7)
Louisville, Kentucky-Indiana	771	60.8	2.1	(56.6–65.0)
Manchester-Nashua, New Hampshire	1,287	57.7	1.6	(54.6–60.9)
Memphis, Tennessee-Mississippi-Arkansas	685	56.5	2.6	(51.4–61.7)
Miami-Fort Lauderdale-Miami Beach, Florida	546	56.6	2.6	(51.5–61.7)
Milwaukee-Waukesha-West Allis, Wisconsin	1,260	59.7	2.0	(55.7–63.6)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,140	60.6	1.2	(58.3–63.0)
Nashville-Davidson-Murfreesboro, Tennessee	560	56.5	2.4	(51.7–61.2)

TABLE 21. (Continued) Estimated prevalence of persons who are overweight,* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA (s)	Sample size	%	SE†	(95% CI‡)
Newark-Union, New Jersey-Pennsylvania¶	2600	55.6	1.3	(53.1–58.1)
New Haven-Milford, Connecticut	1,106	53.9	1.7	(50.5–57.3)
New Orleans-Metairie-Kenner, Louisiana	1,157	59.2	1.7	(55.8–62.6)
New York-Wayne-White Plains, New York-New Jersey¶	4,158	54.6	1.1	(52.4–56.9)
Ogden-Clearfield, Utah	497	56.3	2.5	(51.3–61.2)
Oklahoma City, Oklahoma	2,174	57.9	1.2	(55.5–60.4)
Olympia, Washington	671	57.7	2.2	(53.5–61.9)
Omaha-Council Bluffs, Nebraska-Iowa	1,895	60.9	1.3	(58.4–63.4)
Philadelphia, Pennsylvania¶	909	57.9	1.9	(54.2–61.6)
Phoenix-Mesa-Scottsdale, Arizona	993	56.9	2.1	(52.9–60.9)
Pittsburgh, Pennsylvania	713	59.0	2.1	(54.9–63.1)
Portland-South Portland, Maine	828	54.7	2.0	(50.8–58.5)
Portland-Vancouver-Beaverton, Oregon-Washington	2,771	56.9	1.2	(54.5–59.3)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,660	58.2	1.0	(56.3–60.2)
Raleigh-Cary, North Carolina	609	60.0	2.5	(55.1–65.0)
Rapid City, South Dakota	893	56.1	1.9	(52.4–59.8)
Reno-Sparks, Nevada	959	54.3	1.8	(50.7–57.8)
Richmond, Virginia	784	59.5	2.2	(55.2–63.8)
Rockingham County-Strafford County, New Hampshire¶	1,442	55.6	1.6	(52.6–58.7)
St. Louis, Missouri-Illinois	924	59.7	1.9	(56.0–63.4)
Salt Lake City, Utah	1,477	56.7	1.7	(53.4–59.9)
San Francisco-Oakland-Fremont, California	567	51.7	2.5	(46.8–56.7)
Seaford, Delaware	1,211	63.6	1.6	(60.5–66.8)
Seattle-Bellevue-Everett, Washington¶	4,266	54.9	0.9	(53.1–56.6)
Shreveport-Bossier City, Louisiana	475	62.8	2.5	(57.9–67.8)
Sioux Falls, South Dakota	762	59.9	2.1	(55.8–63.9)
Spokane, Washington	1,075	60.3	1.7	(57.0–63.6)
Springfield, Massachusetts	988	53.4	2.2	(49.1–57.7)
Suffolk County-Nassau County, New York¶	685	57.2	2.3	(52.7–61.6)
Tacoma, Washington¶	1,436	62.1	1.5	(59.1–65.1)
Topeka, Kansas	494	65.4	2.6	(60.3–70.5)
Trenton-Ewing, New Jersey	485	54.5	2.8	(49.0–60.0)
Tucson, Arizona	709	52.0	2.3	(47.6–56.4)
Tulsa, Oklahoma	1,919	60.1	1.4	(57.4–62.8)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,122	62.3	2.1	(58.3–66.4)
Warren-Farmington Hills-Troy, Michigan¶	731	61.8	2.0	(57.9–65.8)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia¶	3,651	53.6	1.6	(50.5–56.8)
Wenatchee, Washington	495	55.4	2.6	(50.4–60.5)
Wichita, Kansas	806	61.2	2.0	(57.2–65.2)
Wilmington, Delaware-Maryland-New Jersey¶	1,535	59.8	1.5	(57.0–62.7)
Worcester, Massachusetts	1,050	59.1	2.1	(55.0–63.3)
Yakima, Washington	638	59.3	2.3	(54.7–63.9)

* Body mass index ≥ 25.0 and ≤ 99.8 kg/m².

† Standard error.

‡ Confidence interval.

¶ Metropolitan division.

TABLE 22. Estimated prevalence of persons who are overweight,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI§)
Jefferson County, Alabama	498	64.6	2.5	(59.7–69.4)
Anchorage Municipality, Alaska	417	59.2	2.7	(53.9–64.5)
Fairbanks North Star Borough, Alaska	508	62.3	2.4	(57.6–66.9)
Maricopa County, Arizona	823	57.7	2.1	(53.6–61.7)
Pima County, Arizona	709	52.0	2.3	(47.6–56.4)
Pulaski County, Arkansas	564	56.6	2.4	(52.0–61.3)
Los Angeles County, California	958	60.9	1.9	(57.2–64.7)
Adams County, Colorado	273	59.6	3.4	(53.0–66.3)
Arapahoe County, Colorado	403	51.3	3.0	(45.5–57.2)
Denver County, Colorado	432	50.4	2.8	(44.8–55.9)
Jefferson County, Colorado	483	50.2	2.6	(45.2–55.2)
Fairfield County, Connecticut	1,128	54.7	1.7	(51.3–58.1)
Hartford County, Connecticut	1,320	54.9	1.5	(51.8–57.9)
Middlesex County, Connecticut	259	57.0	3.4	(50.3–63.8)
New Haven County, Connecticut	1,106	53.9	1.7	(50.5–57.3)
Tolland County, Connecticut	240	56.2	3.7	(48.9–63.5)
Kent County, Delaware	1,279	65.2	1.6	(62.2–68.3)
New Castle County, Delaware	1,329	57.7	1.6	(54.6–60.8)
Sussex County, Delaware	1,211	63.6	1.6	(60.5–66.8)
District of Columbia	1,951	52.2	1.5	(49.4–55.1)
DeKalb County, Georgia	240	57.4	3.9	(49.8–64.9)
Fulton County, Georgia	257	53.4	4.0	(45.6–61.1)
Richmond County, Georgia	275	66.1	3.5	(59.2–73.0)
Hawaii County, Hawaii	927	53.5	2.0	(49.7–57.4)
Honolulu County, Hawaii	2,150	49.7	1.3	(47.3–52.2)
Maui County, Hawaii	677	48.8	2.4	(44.1–53.5)
Ada County, Idaho	585	54.9	2.3	(50.4–59.5)
Canyon County, Idaho	414	57.0	2.7	(51.6–62.3)
Cook County, Illinois	1,711	60.7	1.4	(58.0–63.4)
DuPage County, Illinois	333	53.8	3.1	(47.6–59.9)
Lake County, Illinois	240	57.1	3.6	(50.1–64.1)
Lake County, Indiana	293	70.2	3.0	(64.3–76.1)
Marion County, Indiana	739	61.8	2.0	(57.8–65.8)
Polk County, Iowa	591	61.9	2.3	(57.4–66.5)
Johnson County, Kansas	706	56.8	2.1	(52.8–60.9)
Sedgwick County, Kansas	596	62.1	2.4	(57.5–66.7)
Shawnee County, Kansas	413	63.0	2.9	(57.4–68.6)
Jefferson County, Kentucky	368	60.1	3.1	(54.0–66.2)
Caddo Parish, Louisiana	303	64.3	3.1	(58.1–70.4)
East Baton Rouge Parish, Louisiana	413	59.4	2.8	(53.9–65.0)
Jefferson Parish, Louisiana	376	56.0	3.1	(49.9–62.1)
Orleans Parish, Louisiana	392	57.8	3.1	(51.9–63.8)
Cumberland County, Maine	447	50.9	2.7	(45.7–56.2)
York County, Maine	311	60.9	3.1	(54.7–67.0)
Anne Arundel County, Maryland	328	60.1	3.1	(54.1–66.2)
Baltimore County, Maryland	480	56.7	2.6	(51.7–61.7)
Frederick County, Maryland	324	57.9	3.0	(52.0–63.8)
Montgomery County, Maryland	588	55.3	2.4	(50.6–59.9)
Prince George's County, Maryland	394	64.0	2.9	(58.3–69.7)
Baltimore city, Maryland	300	59.5	3.4	(52.8–66.1)
Bristol County, Massachusetts	826	61.2	2.3	(56.7–65.8)
Essex County, Massachusetts	763	54.4	2.3	(50.0–58.9)
Hampden County, Massachusetts	738	53.9	2.7	(48.7–59.2)
Middlesex County, Massachusetts	1,292	48.0	1.7	(44.7–51.3)
Norfolk County, Massachusetts	487	48.4	2.6	(43.4–53.5)
Plymouth County, Massachusetts	363	59.1	3.0	(53.3–64.9)
Suffolk County, Massachusetts	950	51.5	2.0	(47.5–55.4)
Worcester County, Massachusetts	1,050	59.1	2.1	(55.0–63.3)
Oakland County, Michigan	383	59.1	2.9	(53.5–64.8)
Wayne County, Michigan	505	63.7	2.6	(58.5–68.9)
Dakota County, Minnesota	259	60.8	3.3	(54.4–67.2)
Hennepin County, Minnesota	805	56.0	2.0	(52.1–59.9)
Ramsey County, Minnesota	344	61.8	3.0	(55.9–67.7)

TABLE 22. (Continued) Estimated prevalence of persons who are overweight,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI§)
Hinds County, Mississippi	354	62.0	3.1	(56.0–68.1)
Jackson County, Missouri	349	60.9	3.0	(55.1–66.7)
St. Louis County, Missouri	313	55.8	3.1	(49.7–61.9)
Douglas County, Nebraska	1,124	59.8	1.7	(56.5–63.1)
Lancaster County, Nebraska	706	55.8	2.3	(51.4–60.3)
Sarpy County, Nebraska	282	58.5	3.3	(52.2–64.9)
Clark County, Nevada	902	59.5	1.9	(55.8–63.1)
Washoe County, Nevada	945	53.8	1.8	(50.2–57.4)
Grafton County, New Hampshire	358	58.8	3.1	(52.8–64.8)
Hillsborough County, New Hampshire	1,287	57.7	1.6	(54.6–60.9)
Merrimack County, New Hampshire	552	56.1	2.4	(51.5–60.8)
Rockingham County, New Hampshire	1,013	55.1	1.8	(51.5–58.6)
Strafford County, New Hampshire	429	57.2	2.8	(51.7–62.8)
Bergen County, New Jersey	1,059	54.6	1.8	(51.1–58.1)
Burlington County, New Jersey	567	57.5	2.4	(52.7–62.3)
Camden County, New Jersey	608	58.2	2.4	(53.6–62.8)
Essex County, New Jersey	850	59.0	2.0	(55.0–63.0)
Gloucester County, New Jersey	353	63.8	3.1	(57.9–69.8)
Hudson County, New Jersey	556	55.9	2.5	(51.0–60.9)
Mercer County, New Jersey	485	54.5	2.8	(49.0–60.0)
Middlesex County, New Jersey	933	55.0	2.0	(51.1–58.9)
Monmouth County, New Jersey	769	57.0	2.1	(52.8–61.1)
Morris County, New Jersey	692	49.9	2.2	(45.6–54.3)
Ocean County, New Jersey	748	61.4	2.1	(57.3–65.5)
Passaic County, New Jersey	533	62.2	2.5	(57.4–67.1)
Somerset County, New Jersey	458	50.9	2.7	(45.7–56.2)
Union County, New Jersey	622	56.5	2.3	(52.1–61.0)
Bernalillo County, New Mexico	1,059	51.8	1.8	(48.3–55.3)
Dona Ana County, New Mexico	513	57.8	2.6	(52.7–62.9)
Sandoval County, New Mexico	291	60.7	3.3	(54.2–67.1)
Kings County, New York	462	53.8	2.8	(48.4–59.3)
Nassau County, New York	311	54.0	3.4	(47.4–60.6)
New York County, New York	496	48.5	2.7	(43.3–53.7)
Queens County, New York	388	54.1	3.0	(48.1–60.0)
Suffolk County, New York	374	59.7	3.0	(53.9–65.5)
Westchester County, New York	242	50.0	3.8	(42.6–57.4)
Buncombe County, North Carolina	432	54.3	2.8	(48.8–59.8)
Guilford County, North Carolina	423	60.3	3.0	(54.5–66.1)
Mecklenburg County, North Carolina	421	56.6	2.9	(50.9–62.3)
Orange County, North Carolina	429	45.1	3.5	(38.3–51.9)
Wake County, North Carolina	420	58.6	2.9	(53.0–64.2)
Cass County, North Dakota	474	60.1	2.6	(55.0–65.3)
Cuyahoga County, Ohio	401	62.9	2.8	(57.5–68.4)
Franklin County, Ohio	447	57.5	2.7	(52.3–62.7)
Hamilton County, Ohio	498	62.7	2.5	(57.8–67.5)
Lorain County, Ohio	446	62.5	2.9	(56.9–68.2)
Cleveland County, Oklahoma	350	56.8	3.0	(50.9–62.8)
Oklahoma County, Oklahoma	1,279	57.5	1.6	(54.3–60.7)
Tulsa County, Oklahoma	1,342	58.2	1.6	(55.0–61.5)
Clackamas County, Oregon	326	56.1	3.2	(49.9–62.3)
Multnomah County, Oregon	693	54.5	2.2	(50.2–58.8)
Washington County, Oregon	453	56.7	2.6	(51.7–61.7)
Allegheny County, Pennsylvania	356	56.2	2.9	(50.6–61.9)
Philadelphia County, Pennsylvania	320	63.2	3.2	(57.0–69.5)
Kent County, Rhode Island	536	62.3	2.3	(57.7–66.9)
Newport County, Rhode Island	321	54.9	3.3	(48.5–61.3)
Providence County, Rhode Island	2,371	57.0	1.2	(54.6–59.4)
Washington County, Rhode Island	442	53.1	2.8	(47.5–58.6)
Charleston County, South Carolina	426	51.9	2.8	(46.5–57.4)
Greenville County, South Carolina	505	59.3	2.5	(54.4–64.2)
Lexington County, South Carolina	313	58.2	3.3	(51.8–64.7)
Richland County, South Carolina	461	54.8	2.8	(49.4–60.2)
York County, South Carolina	278	60.7	3.2	(54.3–67.0)

TABLE 22. (Continued) Estimated prevalence of persons who are overweight,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI‡)
Minnehaha County, South Dakota	590	58.5	2.4	(53.7–63.2)
Pennington County, South Dakota	708	57.1	2.1	(52.9–61.2)
Shelby County, Tennessee	323	56.2	3.3	(49.6–62.7)
Dallas County, Texas	507	55.5	2.6	(50.4–60.6)
Harris County, Texas	736	63.0	2.1	(58.9–67.1)
Salt Lake County, Utah	973	57.0	1.8	(53.4–60.5)
Summit County, Utah	247	44.4	4.1	(36.4–52.5)
Tooele County, Utah	257	61.5	3.4	(54.8–68.2)
Weber County, Utah	253	60.1	3.5	(53.3–67.0)
Chittenden County, Vermont	897	48.5	2.1	(44.4–52.5)
Franklin County, Vermont	275	59.9	3.3	(53.4–66.4)
Windsor County, Vermont	410	61.3	2.6	(56.2–66.5)
Benton County, Washington	335	61.7	3.0	(55.8–67.7)
Chelan County, Washington	266	54.2	3.4	(47.4–60.9)
Clark County, Washington	946	63.4	1.8	(59.9–67.0)
Franklin County, Washington	229	58.1	4.0	(50.4–65.9)
King County, Washington	2,873	53.5	1.1	(51.5–55.6)
Kitsap County, Washington	842	58.5	2.0	(54.6–62.4)
Pierce County, Washington	1,436	61.9	1.5	(58.9–64.9)
Snohomish County, Washington	1,393	59.7	1.5	(56.8–62.7)
Spokane County, Washington	1,075	60.3	1.7	(57.0–63.6)
Thurston County, Washington	671	57.7	2.2	(53.5–61.9)
Yakima County, Washington	638	59.3	2.3	(54.7–63.9)
Kanawha County, West Virginia	388	59.4	2.9	(53.8–65.1)
Milwaukee County, Wisconsin	990	60.3	2.5	(55.3–65.2)
Laramie County, Wyoming	632	55.7	2.2	(51.3–60.0)
Natrona County, Wyoming	510	57.1	2.5	(52.2–62.1)

* Body mass index ≥ 25.0 and ≤ 99.8 kg/m².

† Standard error.

‡ Confidence interval.

TABLE 23. Estimated prevalence of persons who are obese,* by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE†	(95% CI‡)
Alabama	3,201	28.4	0.9	(26.5–30.2)
Alaska	2,576	23.5	1.2	(21.1–25.8)
Arizona	3,071	20.1	1.1	(18.0–22.1)
Arkansas	4,027	25.2	0.8	(23.6–26.7)
California	4,322	23.2	0.8	(21.6–24.7)
Colorado	3,915	16.0	0.7	(14.6–17.3)
Connecticut	4,992	19.1	0.7	(17.8–20.3)
Delaware	3,819	24.0	0.9	(22.2–25.7)
District of Columbia	1,951	20.3	1.2	(17.9–22.6)
Florida	4,780	19.9	0.9	(18.1–21.6)
Georgia	7,302	25.2	0.7	(23.8–26.5)
Hawaii	4,161	16.4	0.8	(14.9–17.8)
Idaho	4,738	21.8	0.7	(20.3–23.2)
Illinois	4,951	23.7	0.7	(22.3–25.0)
Indiana	5,234	26.0	0.7	(24.6–27.3)
Iowa	4,785	23.9	0.7	(22.4–25.3)
Kansas	4,379	22.6	0.7	(21.1–24.0)
Kentucky	7,164	25.6	0.8	(24.0–27.2)
Louisiana	4,836	24.8	0.7	(23.4–26.1)
Maine	2,262	19.9	0.9	(18.0–21.7)
Maryland	4,212	21.9	0.8	(20.2–23.5)
Massachusetts	7,135	16.8	0.6	(15.7–17.8)
Michigan	3,439	25.2	0.9	(23.5–26.8)
Minnesota	3,760	23.0	0.8	(21.4–24.5)
Mississippi	4,212	28.1	0.8	(26.4–29.7)
Missouri	4,093	23.6	0.9	(21.7–25.4)
Montana	3,854	18.8	0.8	(17.1–20.4)
Nebraska	4,735	23.9	0.7	(22.5–25.2)
Nevada	2,790	21.2	1.1	(18.9–23.4)
New Hampshire	4,760	20.2	0.7	(18.9–21.4)
New Jersey	10,671	20.1	0.5	(19.1–21.0)
New Mexico	5,258	20.2	0.7	(18.8–21.5)
New York	5,241	20.9	0.7	(19.5–22.2)
North Carolina	8,893	24.0	0.7	(22.5–25.4)
North Dakota	2,885	23.7	0.9	(21.9–25.4)
Ohio	3,602	24.9	0.9	(23.1–26.6)
Oklahoma	7,290	24.4	0.6	(23.2–25.5)
Oregon	3,802	21.5	0.7	(20.0–22.9)
Pennsylvania	3,500	23.8	0.8	(22.1–25.4)
Rhode Island	3,834	18.4	0.7	(16.9–19.8)
South Carolina	5,686	24.4	0.7	(23.1–25.8)
South Dakota	5,049	22.9	0.7	(21.5–24.2)
Tennessee	2,454	25.0	1.0	(23.0–26.9)
Texas	5,638	24.6	0.7	(23.2–25.9)
Utah	3,885	20.8	0.9	(19.1–22.4)
Vermont	4,091	19.6	0.7	(18.1–21.0)
Virginia	5,218	21.7	0.7	(20.2–23.1)
Washington	17,702	21.7	0.4	(20.9–22.4)
West Virginia	3,236	27.7	0.9	(25.9–29.4)
Wisconsin	3,906	20.9	0.8	(19.3–22.4)
Wyoming	3,880	20.1	0.7	(18.6–21.5)
Guam	784	21.9	1.7	(18.5–25.2)
Puerto Rico	3,937	22.9	0.9	(21.2–24.6)
U.S. Virgin Islands	1,960	22.0	1.2	(19.6–24.5)

*Body mass index ≥ 30.0 and ≤ 99.8 kg/m².

†Standard error.

‡Confidence interval.

TABLE 24. Estimated prevalence of persons who are obese,* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE†	(95% CI§)
Albuquerque, New Mexico	1,600	19.0	1.2	(16.7–21.4)
Anchorage, Alaska	537	23.7	2.1	(19.6–27.8)
Asheville, North Carolina	613	21.9	2.2	(17.5–26.2)
Atlanta-Sandy Springs-Marietta, Georgia	2,065	22.1	1.2	(19.9–24.4)
Augusta-Richmond County, Georgia-South Carolina	737	26.9	1.9	(23.3–30.6)
Baltimore-Towson, Maryland	1,612	21.3	1.2	(19.0–23.7)
Baton Rouge, Louisiana	750	24.6	1.8	(21.1–28.2)
Bethesda-Frederick-Gaithersburg, Maryland¶	912	17.8	1.6	(14.6–20.9)
Birmingham-Hoover, Alabama	828	27.1	1.8	(23.6–30.6)
Boise City-Nampa, Idaho	1,120	19.5	1.4	(16.9–22.2)
Boston-Quincy, Massachusetts¶	1,800	17.1	1.1	(15.0–19.2)
Bremerton-Silverdale, Washington	842	21.3	1.5	(18.3–24.4)
Bridgeport-Stamford-Norwalk, Connecticut	1,128	17.8	1.4	(15.2–20.5)
Burlington-South Burlington, Vermont	1,223	17.3	1.3	(14.7–19.8)
Cambridge-Newton-Framingham, Massachusetts¶	1,292	13.4	1.1	(11.2–15.7)
Camden, New Jersey¶	1,528	21.5	1.2	(19.1–23.9)
Casper, Wyoming	510	20.8	2.1	(16.7–24.9)
Charleston, West Virginia	596	26.8	2.0	(22.8–30.8)
Charleston-North Charleston, South Carolina	721	23.0	1.8	(19.5–26.6)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	866	21.5	1.7	(18.1–24.9)
Cheyenne, Wyoming	632	20.8	1.8	(17.2–24.5)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,297	22.6	0.9	(20.9–24.3)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,272	24.5	1.7	(21.1–27.9)
Cleveland-Elyria-Mentor, Ohio	941	24.3	1.9	(20.6–28.0)
Columbia, South Carolina	941	24.3	1.7	(21.0–27.7)
Columbus, Ohio	579	23.4	2.1	(19.4–27.5)
Concord, New Hampshire	552	19.5	1.9	(15.8–23.1)
Dallas-Plano-Irving, Texas¶	837	21.9	1.6	(18.7–25.1)
Denver-Aurora, Colorado	1,841	16.0	1.0	(14.1–17.9)
Des Moines, Iowa	823	23.0	1.7	(19.7–26.3)
Detroit-Livonia-Dearborn, Michigan¶	505	29.6	2.4	(25.0–34.3)
Dover, Delaware	1,279	28.4	1.5	(25.6–31.3)
Durham, North Carolina	736	17.9	2.4	(13.1–22.6)
Edison, New Jersey¶	2,908	18.5	0.8	(16.9–20.2)
Essex County, Massachusetts¶	763	18.1	1.7	(14.6–21.5)
Fairbanks, Alaska	508	21.9	2.0	(18.0–25.8)
Fargo, North Dakota-Minnesota	523	22.0	3.0	(16.1–28.0)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	497	22.3	2.6	(17.2–27.3)
Greensboro-High Point, North Carolina	526	24.7	2.6	(19.6–29.7)
Greenville, South Carolina	761	21.7	1.7	(18.4–25.0)
Hartford-West Hartford-East Hartford, Connecticut	1,819	17.8	1.0	(15.9–19.8)
Hilo, Hawaii	927	19.0	1.6	(15.9–22.1)
Honolulu, Hawaii	2,150	16.2	1.0	(14.3–18.1)
Houston-Baytown-Sugar Land, Texas	1,101	24.4	1.5	(21.4–27.4)
Huntington-Ashland, West Virginia-Kentucky-Ohio	532	32.2	3.0	(26.4–38.0)
Indianapolis, Indiana	1,366	23.9	1.3	(21.4–26.4)
Jackson, Mississippi	689	26.4	1.9	(22.6–30.2)
Kahului-Wailuku, Hawaii	677	15.7	1.8	(12.2–19.3)
Kansas City, Missouri-Kansas	1,754	22.7	1.3	(20.1–25.3)
Kennewick-Richland-Pasco, Washington	564	19.5	2.0	(15.6–23.4)
Las Cruces, New Mexico	513	18.0	1.9	(14.3–21.8)
Las Vegas-Paradise, Nevada	902	21.8	1.5	(18.8–24.8)
Lebanon, New Hampshire-Vermont	999	21.1	1.6	(17.9–24.4)
Lincoln, Nebraska	759	21.0	1.7	(17.7–24.3)
Little Rock-North Little Rock, Arkansas	900	21.8	1.6	(18.7–24.8)
Los Angeles-Long Beach-Glendale, California¶	958	24.8	1.8	(21.3–28.4)
Louisville, Kentucky-Indiana	771	24.9	1.9	(21.2–28.6)
Manchester-Nashua, New Hampshire	1,287	20.1	1.3	(17.7–22.6)
Memphis, Tennessee-Mississippi-Arkansas	685	24.6	2.2	(20.3–28.9)
Miami-Fort Lauderdale-Miami Beach, Florida	546	17.4	2.0	(13.4–21.4)
Milwaukee-Waukesha-West Allis, Wisconsin	1,260	21.5	1.6	(18.3–24.7)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,140	22.1	1.0	(20.1–24.1)
Nashville-Davidson-Murfreesboro, Tennessee	560	19.6	1.9	(15.8–23.3)

TABLE 24. (Continued) Estimated prevalence of persons who are obese,* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE†	(95% CI‡)
Newark-Union, New Jersey-Pennsylvania¶	2,600	19.7	1.0	(17.7–21.6)
New Haven-Milford, Connecticut	1,106	22.7	1.5	(19.9–25.6)
New Orleans-Metairie-Kenner, Louisiana	1,157	24.7	1.5	(21.8–27.5)
New York-Wayne-White Plains, New York-New Jersey¶	4,158	18.2	0.9	(16.5–19.9)
Ogden-Clearfield, Utah	497	19.1	2.0	(15.2–23.0)
Oklahoma City, Oklahoma	2,174	23.2	1.0	(21.2–25.3)
Olympia, Washington	671	20.8	1.8	(17.3–24.4)
Omaha-Council Bluffs, Nebraska-Iowa	1,895	23.6	1.1	(21.4–25.8)
Philadelphia, Pennsylvania¶	909	21.9	1.6	(18.8–24.9)
Phoenix-Mesa-Scottsdale, Arizona	993	18.7	1.5	(15.7–21.7)
Pittsburgh, Pennsylvania	713	24.0	1.9	(20.3–27.6)
Portland-South Portland, Maine	828	17.7	1.5	(14.7–20.7)
Portland-Vancouver-Beaverton, Oregon-Washington	2,771	21.3	1.0	(19.4–23.2)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,660	20.4	0.8	(18.8–22.0)
Raleigh-Cary, North Carolina	609	19.4	2.0	(15.4–23.3)
Rapid City, South Dakota	893	17.2	1.4	(14.4–19.9)
Reno-Sparks, Nevada	959	17.2	1.3	(14.6–19.8)
Richmond, Virginia	784	22.5	1.8	(19.0–26.0)
Rockingham County-Strafford County, New Hampshire¶	1,442	20.1	1.2	(17.8–22.4)
St. Louis, Missouri-Illinois	924	22.9	1.7	(19.7–26.2)
Salt Lake City, Utah	1,477	22.0	1.4	(19.2–24.7)
San Francisco-Oakland-Fremont, California	567	18.3	1.9	(14.6–22.0)
Seaford, Delaware	1,211	25.2	1.4	(22.4–28.0)
Seattle-Bellevue-Everett, Washington¶	4,266	18.9	0.7	(17.5–20.3)
Shreveport-Bossier City, Louisiana	475	28.0	2.4	(23.4–32.7)
Sioux Falls, South Dakota	762	21.8	1.7	(18.5–25.0)
Spokane, Washington	1,075	21.8	1.4	(19.1–24.6)
Springfield, Massachusetts	988	17.0	1.6	(14.0–20.1)
Suffolk County-Nassau County, New York¶	685	20.8	1.9	(17.1–24.5)
Tacoma, Washington¶	1,436	24.2	1.3	(21.7–26.8)
Topeka, Kansas	494	24.9	2.2	(20.5–29.3)
Trenton-Ewing, New Jersey	485	22.5	2.3	(18.1–27.0)
Tucson, Arizona	709	18.7	1.8	(15.2–22.2)
Tulsa, Oklahoma	1,919	22.8	1.2	(20.5–25.2)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,122	26.4	1.9	(22.8–30.1)
Warren-Farmington Hills-Troy, Michigan¶	731	22.6	1.8	(19.1–26.1)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia¶	3,651	18.3	1.0	(16.3–20.3)
Wenatchee, Washington	495	22.2	2.2	(18.0–26.5)
Wichita, Kansas	806	25.1	1.8	(21.5–28.8)
Wilmington, Delaware-Maryland-New Jersey¶	1,535	24.0	1.3	(21.5–26.6)
Worcester, Massachusetts	1,050	19.6	1.8	(16.2–23.1)
Yakima, Washington	638	23.4	2.0	(19.5–27.3)

* Body mass index ≥ 30.0 and ≤ 99.8 kg/m².

† Standard error.

‡ Confidence interval.

¶ Metropolitan division.

TABLE 25. Estimated prevalence of persons who are obese,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI§)
Jefferson County, Alabama	498	25.8	2.2	(21.5–30.1)
Anchorage Municipality, Alaska	417	23.5	2.3	(18.9–28.0)
Fairbanks North Star Borough, Alaska	508	21.9	2.0	(18.0–25.8)
Maricopa County, Arizona	823	18.8	1.6	(15.6–21.9)
Pima County, Arizona	709	18.7	1.8	(15.2–22.2)
Pulaski County, Arkansas	564	19.9	1.9	(16.2–23.6)
Los Angeles County, California	958	24.8	1.8	(21.3–28.3)
Adams County, Colorado	273	22.4	2.8	(17.0–27.8)
Arapahoe County, Colorado	403	18.6	2.2	(14.2–23.0)
Denver County, Colorado	432	15.3	2.1	(11.2–19.4)
Jefferson County, Colorado	483	12.5	1.7	(9.3–15.8)
Fairfield County, Connecticut	1,128	17.8	1.4	(15.2–20.5)
Hartford County, Connecticut	1,320	17.8	1.1	(15.6–20.1)
Middlesex County, Connecticut	259	18.2	3.0	(12.4–24.1)
New Haven County, Connecticut	1,106	22.7	1.5	(19.9–25.6)
Tolland County, Connecticut	240	19.6	3.2	(13.4–25.9)
Kent County, Delaware	1,279	28.4	1.5	(25.5–31.3)
New Castle County, Delaware	1,329	22.7	1.3	(20.1–25.3)
Sussex County, Delaware	1,211	25.2	1.4	(22.4–28.0)
District of Columbia	1,951	20.3	1.2	(18.0–22.6)
DeKalb County, Georgia	240	20.9	2.9	(15.2–26.6)
Fulton County, Georgia	257	22.3	3.2	(16.0–28.7)
Richmond County, Georgia	275	26.3	3.0	(20.5–32.1)
Hawaii County, Hawaii	927	19.0	1.6	(15.9–22.1)
Honolulu County, Hawaii	2,150	16.2	1.0	(14.3–18.1)
Maui County, Hawaii	677	15.7	1.8	(12.2–19.3)
Ada County, Idaho	585	18.1	1.8	(14.6–21.7)
Canyon County, Idaho	414	22.4	2.2	(18.0–26.8)
Cook County, Illinois	1,711	21.8	1.2	(19.4–24.2)
DuPage County, Illinois	333	17.3	2.4	(12.5–22.1)
Lake County, Illinois	240	23.3	3.2	(17.1–29.5)
Lake County, Indiana	293	32.7	3.1	(26.6–38.8)
Marion County, Indiana	739	26.0	1.8	(22.5–29.6)
Polk County, Iowa	591	24.5	2.0	(20.5–28.5)
Johnson County, Kansas	706	18.2	1.6	(15.1–21.3)
Sedgwick County, Kansas	596	24.3	2.1	(20.2–28.4)
Shawnee County, Kansas	413	25.3	2.5	(20.5–30.1)
Jefferson County, Kentucky	368	24.9	2.8	(19.5–30.3)
Caddo Parish, Louisiana	303	29.0	3.1	(22.9–35.0)
East Baton Rouge Parish, Louisiana	413	21.5	2.4	(16.9–26.2)
Jefferson Parish, Louisiana	376	28.0	2.7	(22.8–33.3)
Orleans Parish, Louisiana	392	23.3	2.4	(18.5–28.1)
Cumberland County, Maine	447	16.6	2.0	(12.7–20.6)
York County, Maine	311	18.0	2.4	(13.4–22.7)
Anne Arundel County, Maryland	328	22.0	2.7	(16.7–27.2)
Baltimore County, Maryland	480	18.7	2.1	(14.6–22.7)
Frederick County, Maryland	324	21.3	2.5	(16.5–26.2)
Montgomery County, Maryland	588	16.4	1.8	(12.8–20.0)
Prince George's County, Maryland	394	23.9	2.5	(19.0–28.8)
Baltimore city, Maryland	300	28.5	3.1	(22.5–34.6)
Bristol County, Massachusetts	826	24.9	2.1	(20.8–29.0)
Essex County, Massachusetts	763	17.8	1.7	(14.4–21.2)
Hampden County, Massachusetts	738	18.8	2.0	(15.0–22.7)
Middlesex County, Massachusetts	1,292	13.3	1.1	(11.1–15.5)
Norfolk County, Massachusetts	487	14.4	1.8	(10.9–17.8)
Plymouth County, Massachusetts	363	18.7	2.3	(14.3–23.2)
Suffolk County, Massachusetts	950	17.4	1.5	(14.5–20.3)
Worcester County, Massachusetts	1,050	19.6	1.8	(16.2–23.1)
Oakland County, Michigan	383	19.9	2.4	(15.2–24.6)
Wayne County, Michigan	505	29.6	2.4	(25.0–34.3)
Dakota County, Minnesota	259	23.2	2.9	(17.5–28.9)
Hennepin County, Minnesota	805	18.3	1.6	(15.1–21.5)
Ramsey County, Minnesota	344	22.7	2.7	(17.3–28.1)

TABLE 25. (Continued) Estimated prevalence of persons who are obese,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI§)
Hinds County, Mississippi	354	23.0	2.5	(18.0–27.9)
Jackson County, Missouri	349	24.5	2.6	(19.4–29.5)
St. Louis County, Missouri	313	20.4	2.7	(15.2–25.6)
Douglas County, Nebraska	1,124	22.5	1.4	(19.7–25.3)
Lancaster County, Nebraska	706	21.5	1.8	(18.0–24.9)
Sarpy County, Nebraska	282	19.4	2.7	(14.1–24.6)
Clark County, Nevada	902	21.8	1.5	(18.8–24.8)
Washoe County, Nevada	945	16.8	1.3	(14.2–19.4)
Grafton County, New Hampshire	358	21.9	2.6	(16.8–27.0)
Hillsborough County, New Hampshire	1,287	20.1	1.3	(17.7–22.6)
Merrimack County, New Hampshire	552	19.5	1.9	(15.8–23.1)
Rockingham County, New Hampshire	1,013	20.1	1.4	(17.3–22.8)
Strafford County, New Hampshire	429	20.4	2.2	(16.1–24.8)
Bergen County, New Jersey	1,059	16.3	1.3	(13.8–18.9)
Burlington County, New Jersey	567	19.9	1.9	(16.1–23.6)
Camden County, New Jersey	608	21.5	1.9	(17.9–25.2)
Essex County, New Jersey	850	24.1	1.9	(20.4–27.8)
Gloucester County, New Jersey	353	23.7	2.8	(18.2–29.2)
Hudson County, New Jersey	556	19.9	2.0	(16.1–23.7)
Mercer County, New Jersey	485	22.5	2.3	(18.1–27.0)
Middlesex County, New Jersey	933	17.6	1.5	(14.6–20.5)
Monmouth County, New Jersey	769	18.8	1.6	(15.6–22.0)
Morris County, New Jersey	692	12.9	1.4	(10.1–15.6)
Ocean County, New Jersey	748	21.5	1.7	(18.1–24.9)
Passaic County, New Jersey	533	21.7	2.1	(17.5–25.9)
Somerset County, New Jersey	458	15.2	1.8	(11.7–18.8)
Union County, New Jersey	622	17.8	1.7	(14.5–21.1)
Bernalillo County, New Mexico	1,059	17.5	1.4	(14.8–20.2)
Dona Ana County, New Mexico	513	18.0	1.9	(14.3–21.8)
Sandoval County, New Mexico	291	22.7	2.9	(17.1–28.4)
Kings County, New York	462	17.6	2.0	(13.7–21.5)
Nassau County, New York	311	19.6	2.9	(13.8–25.3)
New York County, New York	496	15.4	2.0	(11.5–19.2)
Queens County, New York	388	15.7	2.1	(11.6–19.8)
Suffolk County, New York	374	22.1	2.5	(17.1–27.0)
Westchester County, New York	242	18.2	3.0	(12.4–24.0)
Buncombe County, North Carolina	432	20.9	2.2	(16.5–25.3)
Guilford County, North Carolina	423	23.0	2.5	(18.0–28.0)
Mecklenburg County, North Carolina	421	18.9	2.2	(14.6–23.2)
Orange County, North Carolina	429	16.9	3.0	(11.0–22.7)
Wake County, North Carolina	420	17.3	2.0	(13.3–21.3)
Cass County, North Dakota	474	19.6	2.1	(15.5–23.6)
Cuyahoga County, Ohio	401	28.3	2.6	(23.2–33.3)
Franklin County, Ohio	447	24.8	2.3	(20.3–29.2)
Hamilton County, Ohio	498	25.2	2.2	(21.0–29.5)
Lorain County, Ohio	446	22.1	2.3	(17.5–26.7)
Cleveland County, Oklahoma	350	18.9	2.4	(14.2–23.7)
Oklahoma County, Oklahoma	1,279	24.3	1.4	(21.6–27.0)
Tulsa County, Oklahoma	1,342	21.2	1.4	(18.4–23.9)
Clackamas County, Oregon	326	24.8	2.6	(19.6–29.9)
Multnomah County, Oregon	693	18.8	1.7	(15.5–22.1)
Washington County, Oregon	453	18.5	2.0	(14.6–22.4)
Allegheny County, Pennsylvania	356	18.7	2.3	(14.2–23.1)
Philadelphia County, Pennsylvania	320	27.6	2.9	(21.9–33.3)
Kent County, Rhode Island	536	21.1	2.0	(17.2–25.0)
Newport County, Rhode Island	321	14.4	2.5	(9.5–19.3)
Providence County, Rhode Island	2,371	19.5	1.0	(17.6–21.4)
Washington County, Rhode Island	442	15.6	2.1	(11.4–19.7)
Charleston County, South Carolina	426	19.3	2.1	(15.2–23.3)
Greenville County, South Carolina	505	21.2	2.0	(17.2–25.2)
Lexington County, South Carolina	313	22.1	2.8	(16.7–27.5)
Richland County, South Carolina	461	23.1	2.4	(18.3–27.8)
York County, South Carolina	278	25.4	2.9	(19.7–31.0)

TABLE 25. (Continued) Estimated prevalence of persons who are obese,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI‡)
Minnehaha County, South Dakota	590	22.0	1.9	(18.3–25.8)
Pennington County, South Dakota	708	16.9	1.6	(13.8–20.0)
Shelby County, Tennessee	323	24.5	2.8	(19.0–30.1)
Dallas County, Texas	507	22.4	2.1	(18.2–26.5)
Harris County, Texas	736	23.7	1.9	(20.0–27.3)
Salt Lake County, Utah	973	22.5	1.5	(19.5–25.4)
Summit County, Utah	247	12.4	2.5	(7.4–17.3)
Tooele County, Utah	257	20.5	2.7	(15.3–25.7)
Weber County, Utah	253	21.1	2.8	(15.6–26.6)
Chittenden County, Vermont	897	15.8	1.4	(13.1–18.5)
Franklin County, Vermont	275	21.3	3.0	(15.5–27.1)
Windsor County, Vermont	410	19.3	2.3	(14.8–23.9)
Benton County, Washington	335	19.4	2.4	(14.7–24.1)
Chelan County, Washington	266	23.0	3.0	(17.1–28.9)
Clark County, Washington	946	26.0	1.7	(22.8–29.3)
Franklin County, Washington	229	19.2	3.2	(12.9–25.5)
King County, Washington	2,873	17.9	0.8	(16.3–19.5)
Kitsap County, Washington	842	21.3	1.5	(18.3–24.4)
Pierce County, Washington	1,436	24.1	1.3	(21.6–26.6)
Snohomish County, Washington	1,393	22.2	1.3	(19.8–24.7)
Spokane County, Washington	1,075	21.8	1.4	(19.1–24.6)
Thurston County, Washington	671	20.8	1.8	(17.3–24.4)
Yakima County, Washington	638	23.4	2.0	(19.5–27.3)
Kanawha County, West Virginia	388	27.2	2.5	(22.3–32.0)
Milwaukee County, Wisconsin	990	23.8	2.1	(19.8–27.9)
Laramie County, Wyoming	632	20.8	1.8	(17.2–24.5)
Natrona County, Wyoming	510	20.8	2.1	(16.7–24.9)

* Body mass index ≥ 30.0 and ≤ 99.8 kg/m².

† Standard error.

‡ Confidence interval.

TABLE 26. Estimated prevalence of persons who currently have asthma,* by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE†	(95% CI‡)
Alabama	3,337	7.5	0.5	(6.4–8.5)
Alaska	2,653	9.1	0.8	(7.4–10.7)
Arizona	3,223	8.3	0.7	(6.8–9.7)
Arkansas	4,189	7.3	0.4	(6.4–8.1)
California	4,469	8.4	0.5	(7.4–9.3)
Colorado	4,054	8.3	0.5	(7.3–9.2)
Connecticut	5,290	8.3	0.4	(7.4–9.1)
Delaware	4,033	7.5	0.5	(6.4–8.5)
District of Columbia	2,035	7.8	0.7	(6.3–9.2)
Florida	5,020	6.1	0.5	(5.1–7.0)
Georgia	7,610	7.0	0.5	(6.0–7.9)
Hawaii	4,328	5.6	0.4	(4.7–6.4)
Idaho	4,974	7.9	0.5	(6.9–8.8)
Illinois	5,254	7.4	0.4	(6.6–8.1)
Indiana	5,461	8.1	0.4	(7.3–8.8)
Iowa	4,996	6.2	0.4	(5.3–7.0)
Kansas	4,606	7.5	0.5	(6.6–8.3)
Kentucky	7,600	9.8	0.5	(8.8–10.7)
Louisiana	5,066	6.2	0.4	(5.4–6.9)
Maine	2,375	9.9	0.7	(8.5–11.2)
Maryland	4,420	7.8	0.5	(6.7–8.8)
Massachusetts	7,548	9.9	0.4	(9.0–10.7)
Michigan	3,538	9.3	0.6	(8.1–10.4)
Minnesota	3,852	6.8	0.5	(5.8–7.7)
Mississippi	4,405	6.9	0.5	(5.9–7.8)
Missouri	4,242	8.0	0.6	(6.8–9.1)
Montana	4,009	7.9	0.6	(6.7–9.0)
Nebraska	4,958	7.1	0.4	(6.2–7.9)
Nevada	2,954	6.6	0.6	(5.3–7.8)
New Hampshire	5,014	8.5	0.5	(7.6–9.3)
New Jersey	11,257	7.1	0.3	(6.5–7.6)
New Mexico	5,486	6.7	0.4	(5.9–7.4)
New York	5,518	7.6	0.4	(6.7–8.4)
North Carolina	9,433	7.1	0.4	(6.3–7.8)
North Dakota	3,016	7.0	0.5	(5.9–8.0)
Ohio	3,813	7.1	0.5	(6.1–8.0)
Oklahoma	7,607	7.6	0.4	(6.8–8.3)
Oregon	3,999	9.3	0.5	(8.2–10.3)
Pennsylvania	3,652	8.3	0.5	(7.2–9.3)
Rhode Island	4,030	9.6	0.5	(8.5–10.6)
South Carolina	5,913	6.1	0.4	(5.3–6.8)
South Dakota	5,246	7.3	0.5	(6.3–8.2)
Tennessee	2,580	7.9	0.6	(6.6–9.1)
Texas	6,009	6.9	0.4	(6.1–7.6)
Utah	4,040	7.4	0.6	(6.2–8.5)
Vermont	4,233	8.4	0.5	(7.3–9.4)
Virginia	5,411	7.6	0.5	(6.6–8.5)
Washington	18,529	9.1	0.3	(8.5–9.6)
West Virginia	3,341	8.1	0.5	(7.1–9.0)
Wisconsin	4,039	7.5	0.5	(6.5–8.4)
Wyoming	3,986	7.5	0.5	(6.5–8.4)
Guam	803	6.5	0.9	(4.7–8.4)
Puerto Rico	4,166	10.8	0.6	(9.6–12.0)
U.S. Virgin Islands	2,042	4.5	0.8	(3.0–6.0)

* Ever told by a doctor, nurse, or other health professional that they had asthma and reported that they still have asthma.

† Standard error.

‡ Confidence interval.

TABLE 27. Estimated prevalence of persons who currently have asthma,* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE†	(95% CI‡)
Albuquerque, New Mexico	1,667	6.9	0.8	(5.5–8.4)
Anchorage, Alaska	556	10.0	1.5	(7.1–12.8)
Asheville, North Carolina	650	9.2	1.5	(6.4–12.1)
Atlanta-Sandy Springs-Marietta, Georgia	2,161	7.5	0.9	(5.9–9.2)
Augusta-Richmond County, Georgia-South Carolina	759	8.2	1.1	(6.0–10.4)
Baltimore-Towson, Maryland	1,689	8.0	0.8	(6.4–9.6)
Baton Rouge, Louisiana	789	5.4	0.9	(3.6–7.2)
Bethesda-Frederick-Gaithersburg, Maryland¶	956	8.3	1.1	(6.1–10.4)
Birmingham-Hoover, Alabama	868	6.0	0.9	(4.2–7.8)
Boise City-Nampa, Idaho	1,192	7.7	0.9	(6.0–9.4)
Boston-Quincy, Massachusetts¶	1,915	9.8	0.8	(8.2–11.5)
Bremerton-Silverdale, Washington	876	9.9	1.1	(7.7–12.2)
Bridgeport-Stamford-Norwalk, Connecticut	1,206	6.9	0.8	(5.4–8.5)
Burlington-South Burlington, Vermont	1,254	7.9	1.0	(6.0–9.8)
Cambridge-Newton-Framingham, Massachusetts¶	1,368	8.4	0.9	(6.7–10.1)
Camden, New Jersey¶	1,617	6.8	0.7	(5.5–8.1)
Casper, Wyoming	525	7.1	1.3	(4.5–9.7)
Charleston, West Virginia	618	7.7	1.1	(5.5–9.9)
Charleston-North Charleston, South Carolina	752	5.8	1.0	(3.9–7.7)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	919	6.2	1.0	(4.2–8.1)
Cheyenne, Wyoming	655	7.8	1.2	(5.5–10.1)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,543	7.0	0.5	(6.1–7.9)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,352	8.7	1.0	(6.7–10.8)
Cleveland-Elyria-Mentor, Ohio	1,004	6.2	1.0	(4.3–8.1)
Columbia, South Carolina	978	5.6	0.8	(4.0–7.1)
Columbus, Ohio	606	7.7	1.3	(5.3–10.2)
Concord, New Hampshire	576	7.3	1.1	(5.1–9.5)
Dallas-Plano-Irving, Texas¶	903	6.7	0.9	(4.9–8.5)
Denver-Aurora, Colorado	1,909	7.8	0.7	(6.5–9.1)
Des Moines, Iowa	853	7.1	1.0	(5.1–9.2)
Detroit-Livonia-Dearborn, Michigan¶	524	10.0	1.5	(7.1–12.9)
Dover, Delaware	1,351	7.0	0.8	(5.5–8.5)
Durham, North Carolina	770	6.2	1.4	(3.5–8.9)
Edison, New Jersey¶	3,069	6.9	0.6	(5.8–8.1)
Essex County, Massachusetts¶	799	11.3	1.4	(8.6–14.1)
Fairbanks, Alaska	521	12.5	1.7	(9.1–15.8)
Fargo, North Dakota-Minnesota	550	10.1	3.5	(3.3–17.0)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	522	9.6	1.6	(6.5–12.7)
Greensboro-High Point, North Carolina	556	9.2	1.8	(5.7–12.7)
Greenville, South Carolina	790	5.9	0.9	(4.2–7.7)
Hartford-West Hartford-East Hartford, Connecticut	1,920	8.1	0.7	(6.8–9.4)
Hilo, Hawaii	968	5.9	0.9	(4.1–7.7)
Honolulu, Hawaii	2,243	5.6	0.6	(4.5–6.7)
Houston-Baytown-Sugar Land, Texas	1,182	6.1	0.8	(4.6–7.7)
Huntington-Ashland, West Virginia-Kentucky-Ohio	555	8.1	1.4	(5.4–0.8)
Indianapolis, Indiana	1,425	7.9	0.8	(6.4–9.4)
Jackson, Mississippi	731	5.4	1.0	(3.5–7.3)
Kahului-Wailuku, Hawaii	698	5.3	1.0	(3.4–7.2)
Kansas City, Missouri-Kansas	1,830	7.8	0.8	(6.3–9.4)
Kennewick-Richland-Pasco, Washington	613	9.8	1.5	(6.9–12.7)
Las Cruces, New Mexico	546	7.0	1.3	(4.4–9.5)
Las Vegas-Paradise, Nevada	971	6.5	0.9	(4.8–8.2)
Lebanon, New Hampshire-Vermont	1,037	8.4	1.1	(6.4–10.5)
Lincoln, Nebraska	795	9.5	1.3	(7.0–12.0)
Little Rock-North Little Rock, Arkansas	928	6.1	0.8	(4.4–7.7)
Los Angeles-Long Beach-Glendale, California¶	985	8.5	1.1	(6.3–10.6)
Louisville, Kentucky-Indiana	819	9.4	1.2	(7.0–11.8)
Manchester-Nashua, New Hampshire	1,364	10.8	1.0	(8.9–12.7)
Memphis, Tennessee-Mississippi-Arkansas	710	7.2	1.1	(5.0–9.4)
Miami-Fort Lauderdale-Miami Beach, Florida	577	3.6	0.8	(1.9–5.2)
Milwaukee-Waukesha-West Allis, Wisconsin	1,297	8.3	1.1	(6.2–10.4)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,191	7.1	0.6	(5.8–8.3)
Nashville-Davidson-Murfreesboro, Tennessee	586	7.4	1.3	(5.0–9.9)

TABLE 27. (Continued) Estimated prevalence of persons who currently have asthma,* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE†	(95% CI‡)
Newark-Union, New Jersey-Pennsylvania¶	2,733	6.4	0.6	(5.3–7.6)
New Haven-Milford, Connecticut	1,169	10.0	1.0	(8.0–12.1)
New Orleans-Metairie-Kenner, Louisiana	1,211	5.3	0.7	(3.9–6.7)
New York-Wayne-White Plains, New York-New Jersey¶	4,402	7.0	0.5	(6.0–8.1)
Ogden-Clearfield, Utah	524	7.2	1.3	(4.7–9.7)
Oklahoma City, Oklahoma	2,275	8.0	0.7	(6.8–9.3)
Olympia, Washington	707	10.8	1.3	(8.3–13.4)
Omaha-Council Bluffs, Nebraska-Iowa	1,984	7.3	0.6	(6.1–8.5)
Philadelphia, Pennsylvania¶	935	9.0	1.2	(6.7–11.3)
Phoenix-Mesa-Scottsdale, Arizona	1,055	8.2	1.1	(6.1–10.2)
Pittsburgh, Pennsylvania	736	7.7	1.2	(5.5–10.0)
Portland-South Portland, Maine	868	10.7	1.3	(8.2–13.1)
Portland-Vancouver-Beaverton, Oregon-Washington	2,930	9.2	0.7	(7.9–10.5)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,910	9.9	0.6	(8.8–11.0)
Raleigh-Cary, North Carolina	650	6.5	1.2	(4.2–8.9)
Rapid City, South Dakota	914	7.5	1.0	(5.5–9.5)
Reno-Sparks, Nevada	1,012	6.7	0.8	(5.1–8.4)
Richmond, Virginia	811	6.3	1.0	(4.3–8.3)
Rockingham County-Strafford County, New Hampshire¶	1,523	7.8	0.9	(6.1–9.5)
St. Louis, Missouri-Illinois	960	7.9	1.0	(6.0–9.9)
Salt Lake City, Utah	1,529	6.3	0.8	(4.7–7.9)
San Francisco-Oakland-Fremont, California	581	5.5	0.9	(3.6–7.3)
Seaford, Delaware	1,272	7.6	0.9	(5.9–9.3)
Seattle-Bellevue-Everett, Washington¶	4,447	9.0	0.5	(8.0–9.9)
Shreveport-Bossier City, Louisiana	503	6.8	1.2	(4.3–9.2)
Sioux Falls, South Dakota	797	9.0	1.4	(6.2–11.8)
Spokane, Washington	1,117	10.1	1.0	(8.3–12.1)
Springfield, Massachusetts	1,042	10.4	1.4	(7.6–13.1)
Suffolk County-Nassau County, New York¶	723	6.9	1.0	(4.8–8.9)
Tacoma, Washington¶	1,496	8.5	0.8	(6.9–10.1)
Topeka, Kansas	517	9.6	1.6	(6.5–12.7)
Trenton-Ewing, New Jersey	517	7.9	1.4	(5.1–10.7)
Tucson, Arizona	741	8.3	1.2	(6.1–10.6)
Tulsa, Oklahoma	2,005	6.4	0.7	(5.0–7.7)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,163	7.4	1.2	(5.1–9.7)
Warren-Farmington Hills-Troy, Michigan¶	750	8.5	1.2	(6.1–10.8)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia¶	3,814	6.9	0.7	(5.6–8.3)
Wenatchee, Washington	522	6.9	1.2	(4.5–9.4)
Wichita, Kansas	844	7.8	1.1	(5.6–10.1)
Wilmington, Delaware-Maryland-New Jersey¶	1,627	7.6	0.7	(6.2–9.0)
Worcester, Massachusetts	1,104	11.5	1.3	(8.9–14.2)
Yakima, Washington	687	9.4	1.4	(6.7–12.1)

* Ever told by a doctor, nurse, or other health professional that they had asthma and reported that they still have asthma.

† Standard error.

‡ Confidence interval.

¶ Metropolitan division.

TABLE 28. Estimated prevalence of persons who currently have asthma,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI‡)
Jefferson County, Alabama	523	5.1	1.1	(2.9–7.3)
Anchorage Municipality, Alaska	433	11.0	1.8	(7.5–14.4)
Fairbanks North Star Borough, Alaska	521	12.5	1.7	(9.1–15.8)
Maricopa County, Arizona	878	8.0	1.1	(5.9–10.2)
Pima County, Arizona	741	8.3	1.2	(6.1–10.6)
Pulaski County, Arkansas	579	5.9	1.1	(3.8–8.0)
Los Angeles County, California	985	8.5	1.1	(6.3–10.6)
Adams County, Colorado	281	9.4	1.8	(5.8–13.0)
Arapahoe County, Colorado	418	6.2	1.3	(3.7–8.7)
Denver County, Colorado	454	7.9	1.5	(5.0–10.8)
Jefferson County, Colorado	498	7.8	1.2	(5.3–10.2)
Fairfield County, Connecticut	1,206	6.9	0.8	(5.4–8.5)
Hartford County, Connecticut	1,394	8.0	0.8	(6.5–9.5)
Middlesex County, Connecticut	277	8.3	1.9	(4.6–12.0)
New Haven County, Connecticut	1,169	10.0	1.0	(8.0–12.1)
Tolland County, Connecticut	249	8.1	2.0	(4.2–12.0)
Kent County, Delaware	1,351	7.0	0.8	(5.5–8.5)
New Castle County, Delaware	1,410	7.6	0.8	(6.1–9.1)
Sussex County, Delaware	1,272	7.6	0.9	(5.9–9.3)
District of Columbia	2,035	7.8	0.7	(6.4–9.2)
DeKalb County, Georgia	257	9.2	2.4	(4.4–14.0)
Fulton County, Georgia	275	8.0	2.3	(3.4–12.5)
Richmond County, Georgia	275	10.7	2.0	(6.7–14.7)
Hawaii County, Hawaii	968	5.9	0.9	(4.1–7.7)
Honolulu County, Hawaii	2,243	5.6	0.6	(4.5–6.7)
Maui County, Hawaii	698	5.3	1.0	(3.4–7.2)
Ada County, Idaho	622	8.2	1.2	(5.8–10.5)
Canyon County, Idaho	440	7.3	1.3	(4.7–9.9)
Cook County, Illinois	1,854	6.4	0.6	(5.2–7.7)
DuPage County, Illinois	345	8.0	1.6	(4.7–11.2)
Lake County, Illinois	260	6.4	1.6	(3.1–9.6)
Lake County, Indiana	302	10.7	1.9	(6.9–14.5)
Marion County, Indiana	774	7.5	1.0	(5.5–9.4)
Polk County, Iowa	611	6.6	1.1	(4.4–8.8)
Johnson County, Kansas	747	8.4	1.1	(6.2–10.5)
Sedgwick County, Kansas	626	8.0	1.3	(5.4–10.6)
Shawnee County, Kansas	433	9.8	1.7	(6.4–13.2)
Jefferson County, Kentucky	394	10.2	1.9	(6.5–13.8)
Caddo Parish, Louisiana	319	7.2	1.6	(4.0–10.5)
East Baton Rouge Parish, Louisiana	434	6.3	1.4	(3.6–9.0)
Jefferson Parish, Louisiana	396	4.7	1.2	(2.2–7.1)
Orleans Parish, Louisiana	409	5.8	1.3	(3.3–8.3)
Cumberland County, Maine	471	12.2	1.8	(8.7–15.6)
York County, Maine	324	9.1	1.9	(5.4–12.8)
Anne Arundel County, Maryland	347	6.0	1.3	(3.5–8.6)
Baltimore County, Maryland	500	8.3	1.5	(5.4–11.2)
Frederick County, Maryland	341	7.5	1.5	(4.5–10.4)
Montgomery County, Maryland	615	8.7	1.3	(6.2–11.3)
Prince George's County, Maryland	418	6.9	1.6	(3.8–10.0)
Baltimore city, Maryland	319	7.2	1.7	(3.9–10.5)
Bristol County, Massachusetts	880	10.2	1.4	(7.5–12.8)
Essex County, Massachusetts	799	11.3	1.4	(8.5–14.0)
Hampden County, Massachusetts	781	9.3	1.4	(6.5–12.1)
Middlesex County, Massachusetts	1,368	8.4	0.9	(6.7–10.2)
Norfolk County, Massachusetts	517	9.7	1.6	(6.6–12.8)
Plymouth County, Massachusetts	392	9.4	1.7	(6.0–12.8)
Suffolk County, Massachusetts	1,006	10.7	1.2	(8.3–13.1)
Worcester County, Massachusetts	1,104	11.5	1.3	(8.9–14.2)
Oakland County, Michigan	393	8.9	1.8	(5.5–12.4)
Wayne County, Michigan	524	10.0	1.5	(7.1–12.9)
Dakota County, Minnesota	262	7.2	2.0	(3.3–11.1)
Hennepin County, Minnesota	824	7.2	1.0	(5.2–9.2)
Ramsey County, Minnesota	355	9.2	1.9	(5.5–12.9)

TABLE 28. (Continued) Estimated prevalence of persons who currently have asthma,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI‡)
Hinds County, Mississippi	371	4.8	1.1	(2.6–7.1)
Jackson County, Missouri	358	9.3	1.6	(6.1–12.5)
St. Louis County, Missouri	320	5.5	1.3	(2.9–8.1)
Douglas County, Nebraska	1,180	7.3	0.8	(5.7–8.8)
Lancaster County, Nebraska	738	10.2	1.4	(7.5–12.8)
Sarpy County, Nebraska	297	6.5	1.5	(3.6–9.4)
Clark County, Nevada	971	6.5	0.9	(4.8–8.2)
Washoe County, Nevada	998	6.6	0.9	(5.0–8.3)
Grafton County, New Hampshire	372	7.6	1.6	(4.5–10.6)
Hillsborough County, New Hampshire	1,364	10.8	1.0	(8.9–12.7)
Merrimack County, New Hampshire	576	7.3	1.1	(5.1–9.5)
Rockingham County, New Hampshire	1,072	8.2	1.0	(6.3–10.1)
Strafford County, New Hampshire	451	6.2	1.5	(3.3–9.1)
Bergen County, New Jersey	1,119	7.4	1.0	(5.6–9.3)
Burlington County, New Jersey	604	7.4	1.2	(5.1–9.7)
Camden County, New Jersey	642	6.1	0.9	(4.3–8.0)
Essex County, New Jersey	884	8.9	1.2	(6.6–11.2)
Gloucester County, New Jersey	371	9.2	1.9	(5.4–13.0)
Hudson County, New Jersey	592	7.0	1.1	(4.7–9.2)
Mercer County, New Jersey	517	7.9	1.4	(5.1–10.7)
Middlesex County, New Jersey	985	8.8	1.2	(6.5–11.1)
Monmouth County, New Jersey	814	6.4	1.0	(4.5–8.3)
Morris County, New Jersey	726	5.5	1.0	(3.5–7.4)
Ocean County, New Jersey	794	4.9	0.9	(3.3–6.6)
Passaic County, New Jersey	556	8.7	1.4	(5.9–11.4)
Somerset County, New Jersey	476	5.4	1.1	(3.2–7.6)
Union County, New Jersey	661	4.4	0.9	(2.5–6.2)
Bernalillo County, New Mexico	1,096	6.9	0.9	(5.1–8.7)
Dona Ana County, New Mexico	546	7.0	1.3	(4.4–9.5)
Sandoval County, New Mexico	304	6.4	1.4	(3.7–9.1)
Kings County, New York	493	6.1	1.1	(3.9–8.3)
Nassau County, New York	328	6.1	1.4	(3.3–9.0)
New York County, New York	525	8.4	1.6	(5.2–11.6)
Queens County, New York	410	6.7	1.4	(3.9–9.5)
Suffolk County, New York	395	7.5	1.4	(4.7–10.2)
Westchester County, New York	258	5.7	1.6	(2.5–8.8)
Buncombe County, North Carolina	452	7.1	1.3	(4.6–9.7)
Guilford County, North Carolina	446	7.6	1.5	(4.6–10.6)
Mecklenburg County, North Carolina	449	3.5	0.8	(1.9–5.1)
Orange County, North Carolina	449	8.2	2.1	(4.1–12.3)
Wake County, North Carolina	453	6.6	1.4	(3.9–9.4)
Cass County, North Dakota	497	6.6	1.2	(4.2–9.0)
Cuyahoga County, Ohio	432	6.0	1.3	(3.4–8.6)
Franklin County, Ohio	468	7.9	1.4	(5.2–10.5)
Hamilton County, Ohio	527	6.5	1.2	(4.2–8.8)
Lorain County, Ohio	473	8.5	1.4	(5.8–11.2)
Cleveland County, Oklahoma	366	6.4	1.4	(3.6–9.1)
Oklahoma County, Oklahoma	1,338	8.0	0.9	(6.3–9.8)
Tulsa County, Oklahoma	1,398	6.2	0.8	(4.6–7.8)
Clackamas County, Oregon	348	6.0	1.4	(3.3–8.7)
Multnomah County, Oregon	726	9.9	1.3	(7.4–12.5)
Washington County, Oregon	480	9.9	1.4	(7.1–12.7)
Allegheny County, Pennsylvania	372	8.1	1.6	(5.0–11.2)
Philadelphia County, Pennsylvania	328	10.1	2.3	(5.7–14.6)
Kent County, Rhode Island	564	8.0	1.2	(5.6–10.5)
Newport County, Rhode Island	334	5.1	1.2	(2.7–7.5)
Providence County, Rhode Island	2,502	10.6	0.7	(9.1–12.1)
Washington County, Rhode Island	459	10.3	1.6	(7.2–13.4)
Charleston County, South Carolina	444	5.4	1.2	(3.0–7.7)
Greenville County, South Carolina	524	5.9	1.1	(3.8–7.9)
Lexington County, South Carolina	325	6.9	1.6	(3.7–10.1)
Richland County, South Carolina	479	5.0	1.0	(3.0–7.1)
York County, South Carolina	289	6.9	1.6	(3.7–10.0)

TABLE 28. (Continued) Estimated prevalence of persons who currently have asthma,* by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE†	(95% CI‡)
Minnehaha County, South Dakota	620	9.6	1.8	(6.2–13.1)
Pennington County, South Dakota	721	7.0	1.1	(4.8–9.1)
Shelby County, Tennessee	337	6.0	1.3	(3.4–8.6)
Dallas County, Texas	558	6.6	1.2	(4.3–8.9)
Harris County, Texas	795	5.8	1.0	(3.9–7.7)
Salt Lake County, Utah	1,014	6.3	0.9	(4.6–8.0)
Summit County, Utah	252	7.9	1.9	(4.1–11.6)
Tooele County, Utah	263	5.7	1.5	(2.8–8.6)
Weber County, Utah	268	7.2	1.6	(4.0–10.4)
Chittenden County, Vermont	920	7.8	1.0	(5.8–9.8)
Franklin County, Vermont	280	6.7	2.0	(2.9–10.6)
Windsor County, Vermont	431	7.6	1.4	(5.0–10.3)
Benton County, Washington	357	10.6	1.8	(7.1–14.2)
Chelan County, Washington	280	6.9	1.7	(3.7–10.2)
Clark County, Washington	1,004	10.2	1.1	(8.1–12.3)
Franklin County, Washington	256	6.5	1.8	(3.0–10.0)
King County, Washington	2996	9.1	0.6	(7.9–10.3)
Kitsap County, Washington	876	9.9	1.1	(7.7–12.2)
Pierce County, Washington	1,496	8.3	0.8	(6.8–9.9)
Snohomish County, Washington	1,451	8.9	0.8	(7.3–10.6)
Spokane County, Washington	1,117	10.1	1.0	(8.3–12.0)
Thurston County, Washington	707	10.8	1.3	(8.3–13.4)
Yakima County, Washington	687	9.4	1.4	(6.7–12.1)
Kanawha County, West Virginia	403	7.1	1.3	(4.6–9.6)
Milwaukee County, Wisconsin	1,016	10.6	1.6	(7.4–13.8)
Laramie County, Wyoming	655	7.8	1.2	(5.5–10.1)
Natrona County, Wyoming	525	7.1	1.3	(4.5–9.7)

* Ever told by a doctor, nurse, or other health professional that they had asthma and reported that they still have asthma.

† Standard error.

‡ Confidence interval.

TABLE 29. Estimated prevalence of persons who reported ever having been told by a doctor that they have diabetes, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	3,334	8.7	0.5	(7.7–9.8)
Alaska	2,661	5.0	0.6	(3.8–6.2)
Arizona	3,231	6.3	0.6	(5.2–7.4)
Arkansas	4,203	7.4	0.4	(6.5–8.2)
California	4,475	7.2	0.5	(6.3–8.2)
Colorado	4,065	4.7	0.4	(4.0–5.4)
Connecticut	5,312	5.9	0.4	(5.2–6.6)
Delaware	4,030	7.7	0.5	(6.6–8.7)
District of Columbia	2,041	8.2	0.8	(6.7–9.7)
Florida	5,032	8.5	0.6	(7.4–9.6)
Georgia	7,636	7.8	0.4	(7.0–8.6)
Hawaii	4,323	7.6	0.5	(6.6–8.7)
Idaho	4,998	6.3	0.4	(5.5–7.1)
Illinois	5,265	7.3	0.4	(6.5–8.1)
Indiana	5,475	7.8	0.4	(7.0–8.5)
Iowa	5,001	6.7	0.4	(6.0–7.5)
Kansas	4,615	6.0	0.4	(5.3–6.7)
Kentucky	7,615	8.5	0.4	(7.7–9.4)
Louisiana	5,073	8.5	0.4	(7.7–9.4)
Maine	2,388	7.4	0.6	(6.3–8.6)
Maryland	4,431	7.0	0.5	(6.1–7.9)
Massachusetts	7,573	6.2	0.3	(5.5–6.8)
Michigan	3,548	7.9	0.5	(7.0–8.8)
Minnesota	3,878	5.5	0.4	(4.8–6.3)
Mississippi	4,417	11.0	0.5	(10.0–12.0)
Missouri	4,251	6.9	0.5	(6.0–7.8)
Montana	4,020	5.5	0.4	(4.7–6.4)
Nebraska	4,973	6.4	0.4	(5.7–7.1)
Nevada	2,967	6.3	0.6	(5.0–7.5)
New Hampshire	5,035	5.6	0.3	(5.0–6.3)
New Jersey	11,292	7.1	0.3	(6.5–7.7)
New Mexico	5,493	5.7	0.3	(5.0–6.4)
New York	5,543	7.4	0.4	(6.6–8.3)
North Carolina	9,441	8.1	0.4	(7.4–8.9)
North Dakota	3,023	6.2	0.4	(5.3–7.0)
Ohio	3,820	8.8	0.6	(7.7–10.0)
Oklahoma	7,629	7.2	0.3	(6.6–7.8)
Oregon	4,011	6.3	0.4	(5.5–7.1)
Pennsylvania	3,669	8.0	0.5	(7.0–9.0)
Rhode Island	4,045	6.8	0.5	(5.9–7.7)
South Carolina	5,921	9.3	0.4	(8.5–10.2)
South Dakota	5,260	7.1	0.4	(6.4–7.8)
Tennessee	2,582	9.4	0.7	(8.1–10.7)
Texas	6,030	8.1	0.4	(7.3–8.8)
Utah	4,052	5.5	0.4	(4.6–6.3)
Vermont	4,247	5.8	0.4	(5.0–6.5)
Virginia	5,434	7.2	0.4	(6.3–8.0)
Washington	18,604	6.6	0.2	(6.2–7.0)
West Virginia	3,346	9.8	0.5	(8.7–10.9)
Wisconsin	4,050	6.0	0.4	(5.1–6.8)
Wyoming	3,998	5.8	0.4	(5.0–6.6)
Guam	8,05	10.3	1.3	(7.8–12.8)
Puerto Rico	4,164	11.0	0.6	(9.9–12.1)
U.S. Virgin Islands	2,050	9.8	0.8	(8.2–11.4)

*Standard error.

†Confidence interval.

TABLE 30. Estimated prevalence of persons who reported ever having been told by a doctor that they have diabetes, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	1,671	4.5	0.6	(3.4–5.7)
Anchorage, Alaska	557	5.8	1.1	(3.6–8.0)
Asheville, North Carolina	652	7.7	1.2	(5.4–10.0)
Atlanta-Sandy Springs-Marietta, Georgia	2,164	6.4	0.7	(5.1–7.7)
Augusta-Richmond County, Georgia-South Carolina	766	9.4	1.1	(7.1–11.6)
Baltimore-Towson, Maryland	1,692	7.2	0.7	(5.8–8.6)
Baton Rouge, Louisiana	790	8.1	1.1	(6.0–10.3)
Bethesda-Frederick-Gaithersburg, Maryland§	958	6.2	0.9	(4.4–8.0)
Birmingham-Hoover, Alabama	868	8.3	1.0	(6.2–10.3)
Boise City-Nampa, Idaho	1,195	6.2	0.8	(4.6–7.8)
Boston-Quincy, Massachusetts§	1,921	6.3	0.7	(5.0–7.6)
Bremerton-Silverdale, Washington	878	6.7	0.9	(4.9–8.5)
Bridgeport-Stamford-Norwalk, Connecticut	1,208	4.7	0.7	(3.4–6.0)
Burlington-South Burlington, Vermont	1,256	4.3	0.6	(3.2–5.4)
Cambridge-Newton-Framingham, Massachusetts§	1,374	4.7	0.7	(3.4–6.1)
Camden, New Jersey§	1,622	7.2	0.7	(5.8–8.6)
Casper, Wyoming	527	5.2	1.1	(3.1–7.4)
Charleston, West Virginia	616	8.2	1.1	(6.0–10.4)
Charleston-North Charleston, South Carolina	752	9.7	1.3	(7.3–12.2)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	916	8.7	1.2	(6.5–11.0)
Cheyenne, Wyoming	654	6.2	1.0	(4.3–8.2)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,549	7.2	0.5	(6.2–8.2)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,352	9.5	1.3	(7.0–12.0)
Cleveland-Elyria-Mentor, Ohio	1,008	10.4	1.4	(7.7–13.1)
Columbia, South Carolina	978	8.3	1.0	(6.4–10.2)
Columbus, Ohio	605	7.0	1.2	(4.6–9.3)
Concord, New Hampshire	579	6.9	1.2	(4.6–9.2)
Dallas-Plano-Irving, Texas§	906	5.0	0.7	(3.6–6.5)
Denver-Aurora, Colorado	1,916	5.0	0.6	(3.9–6.1)
Des Moines, Iowa	853	7.0	0.9	(5.2–8.9)
Detroit-Livonia-Dearborn, Michigan§	527	9.8	1.4	(7.2–12.5)
Dover, Delaware	1,348	7.8	0.8	(6.2–9.4)
Durham, North Carolina	771	4.4	0.9	(2.6–6.1)
Edison, New Jersey§	3,080	6.8	0.5	(5.8–7.9)
Essex County, Massachusetts§	803	7.5	1.2	(5.2–9.8)
Fairbanks, Alaska	524	4.1	0.9	(2.4–5.9)
Fargo, North Dakota-Minnesota	551	5.8	1.7	(2.4–9.2)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	523	6.2	1.2	(3.9–8.6)
Greensboro-High Point, North Carolina	557	5.4	1.0	(3.4–7.4)
Greenville, South Carolina	793	7.1	1.0	(5.2–9.1)
Hartford-West Hartford-East Hartford, Connecticut	1,929	5.3	0.5	(4.2–6.3)
Hilo, Hawaii	968	6.5	0.9	(4.8–8.3)
Honolulu, Hawaii	2,239	8.3	0.7	(6.9–9.6)
Houston-Baytown-Sugar Land, Texas	1,186	6.6	0.8	(5.1–8.2)
Huntington-Ashland, West Virginia-Kentucky-Ohio	554	11.6	1.6	(8.3–14.8)
Indianapolis, Indiana	1,429	6.8	0.7	(5.5–8.2)
Jackson, Mississippi	734	8.4	1.1	(6.4–10.5)
Kahului-Wailuku, Hawaii	697	5.4	0.9	(3.7–7.2)
Kansas City, Missouri-Kansas	1,836	6.7	0.8	(5.2–8.2)
Kennewick-Richland-Pasco, Washington	611	7.1	1.2	(4.7–9.5)
Las Cruces, New Mexico	546	6.6	1.1	(4.5–8.8)
Las Vegas-Paradise, Nevada	977	6.4	0.8	(4.8–8.1)
Lebanon, New Hampshire-Vermont	1,042	4.6	0.7	(3.3–5.9)
Lincoln, Nebraska	798	4.9	0.7	(3.5–6.3)
Little Rock-North Little Rock, Arkansas	931	5.0	0.7	(3.6–6.5)
Los Angeles-Long Beach-Glendale, California§	988	7.2	1.1	(5.1–9.4)
Louisville, Kentucky-Indiana	820	7.7	1.1	(5.7–9.8)
Manchester-Nashua, New Hampshire	1,367	4.6	0.6	(3.5–5.7)
Memphis, Tennessee-Mississippi-Arkansas	712	8.4	1.3	(5.9–10.9)
Miami-Fort Lauderdale-Miami Beach, Florida	580	6.2	1.2	(3.9–8.6)
Milwaukee-Waukesha-West Allis, Wisconsin	1,301	7.4	1.0	(5.5–9.4)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,205	4.9	0.5	(4.0–5.8)
Nashville-Davidson-Murfreesboro, Tennessee	587	7.5	1.2	(5.1–9.9)

TABLE 30. (Continued) Estimated prevalence of persons who reported ever having been told by a doctor that they have diabetes, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA	Sample size	%	SE*	(95% CI†)
Newark-Union, New Jersey-Pennsylvania§	2,743	7.1	0.6	(5.9–8.3)
New Haven-Milford, Connecticut	1,176	7.8	0.9	(6.1–9.5)
New Orleans-Metairie-Kenner, Louisiana	1,214	8.5	0.9	(6.7–10.3)
New York-Wayne-White Plains, New York-New Jersey§	4,422	7.2	0.6	(6.0–8.3)
Ogden-Clearfield, Utah	524	6.1	1.0	(4.1–8.1)
Oklahoma City, Oklahoma	2,282	5.9	0.5	(4.9–6.8)
Olympia, Washington	711	6.2	0.9	(4.3–8.0)
Omaha-Council Bluffs, Nebraska-Iowa	1,990	5.7	0.6	(4.6–6.8)
Philadelphia, Pennsylvania§	938	7.2	0.9	(5.4–9.0)
Phoenix-Mesa-Scottsdale, Arizona	1,054	6.3	0.8	(4.7–7.9)
Pittsburgh, Pennsylvania	743	9.7	1.3	(7.1–12.2)
Portland-South Portland, Maine	873	6.1	0.9	(4.3–7.8)
Portland-Vancouver-Beaverton, Oregon-Washington	2,941	5.9	0.5	(4.9–6.9)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,926	7.3	0.5	(6.4–8.3)
Raleigh-Cary, North Carolina	650	6.2	1.1	(4.0–8.3)
Rapid City, South Dakota	919	5.6	0.8	(4.0–7.3)
Reno-Sparks, Nevada	1,014	5.7	0.7	(4.2–7.1)
Richmond, Virginia	814	7.9	1.2	(5.7–10.2)
Rockingham County-Strafford County, New Hampshire§	1,533	5.5	0.6	(4.4–6.7)
St. Louis, Missouri-Illinois	960	5.7	0.8	(4.1–7.2)
Salt Lake City, Utah	1,536	4.6	0.7	(3.3–5.9)
San Francisco-Oakland-Fremont, California	583	4.3	0.9	(2.5–6.2)
Seaford, Delaware	1,272	9.7	0.9	(8.0–11.4)
Seattle-Bellevue-Everett, Washington§	4,468	5.7	0.4	(4.9–6.5)
Shreveport-Bossier City, Louisiana	506	9.1	1.4	(6.3–11.8)
Sioux Falls, South Dakota	798	5.7	0.9	(4.1–7.4)
Spokane, Washington	1,122	6.5	0.8	(5.0–8.0)
Springfield, Massachusetts	1,045	6.4	1.0	(4.5–8.3)
Suffolk County-Nassau County, New York§	723	6.0	1.1	(4.0–8.1)
Tacoma, Washington§	1,507	8.8	0.8	(7.2–10.3)
Topeka, Kansas	519	4.9	0.9	(3.2–6.7)
Trenton-Ewing, New Jersey	519	6.0	1.1	(3.9–8.1)
Tucson, Arizona	744	4.4	0.8	(2.9–6.0)
Tulsa, Oklahoma	2,012	6.9	0.6	(5.8–8.1)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,163	6.9	0.9	(5.1–8.7)
Warren-Farmington Hills-Troy, Michigan§	752	6.1	0.9	(4.4–7.9)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia§	3,829	6.3	0.6	(5.1–7.5)
Wenatchee, Washington	524	7.6	1.3	(5.1–10.0)
Wichita, Kansas	846	5.7	0.8	(4.1–7.3)
Wilmington, Delaware-Maryland-New Jersey§	1,630	7.6	0.7	(6.1–9.0)
Worcester, Massachusetts	1,108	6.1	0.9	(4.3–7.9)
Yakima, Washington	694	7.5	1.0	(5.5–9.6)

* Standard error.

† Confidence interval.

§ Metropolitan division.

TABLE 31. Estimated prevalence of persons who reported ever having been told by a doctor that they have diabetes, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	523	8.4	1.3	(5.9–10.9)
Anchorage Municipality, Alaska	434	5.3	1.2	(3.0–7.6)
Fairbanks North Star Borough, Alaska	524	4.1	0.9	(2.4–5.9)
Maricopa County, Arizona	877	5.9	0.9	(4.2–7.6)
Pima County, Arizona	744	4.4	0.8	(2.9–5.9)
Pulaski County, Arkansas	581	5.6	1.0	(3.7–7.4)
Los Angeles County, California	988	7.2	1.1	(5.1–9.4)
Adams County, Colorado	282	5.2	1.5	(2.2–8.2)
Arapahoe County, Colorado	421	5.2	1.4	(2.5–7.8)
Denver County, Colorado	456	7.0	1.3	(4.5–9.5)
Jefferson County, Colorado	499	4.6	1.0	(2.6–6.6)
Fairfield County, Connecticut	1,208	4.7	0.7	(3.4–6.0)
Hartford County, Connecticut	1,399	6.0	0.7	(4.6–7.3)
Middlesex County, Connecticut	277	5.0	1.3	(2.5–7.6)
New Haven County, Connecticut	1,176	7.8	0.9	(6.1–9.5)
Tolland County, Connecticut	253	2.1	0.9	(0.3–3.9)
Kent County, Delaware	1,348	7.8	0.8	(6.2–9.4)
New Castle County, Delaware	1,410	7.0	0.7	(5.6–8.5)
Sussex County, Delaware	1,272	9.7	0.9	(8.0–11.4)
District of Columbia	2,041	8.2	0.8	(6.7–9.7)
DeKalb County, Georgia	257	5.6	1.6	(2.5–8.7)
Fulton County, Georgia	272	5.2	1.6	(2.1–8.3)
Richmond County, Georgia	280	10.0	1.8	(6.5–13.5)
Hawaii County, Hawaii	968	6.5	0.9	(4.8–8.3)
Honolulu County, Hawaii	2,239	8.3	0.7	(6.9–9.6)
Maui County, Hawaii	697	5.4	0.9	(3.7–7.2)
Ada County, Idaho	623	5.3	1.1	(3.3–7.4)
Canyon County, Idaho	442	8.5	1.5	(5.5–11.5)
Cook County, Illinois	1,856	7.8	0.7	(6.4–9.2)
DuPage County, Illinois	346	4.6	1.2	(2.2–6.9)
Lake County, Illinois	261	6.7	1.8	(3.3–10.2)
Lake County, Indiana	303	9.7	1.9	(5.9–13.4)
Marion County, Indiana	778	8.6	1.1	(6.4–10.9)
Polk County, Iowa	611	7.9	1.2	(5.6–10.2)
Johnson County, Kansas	748	5.0	0.9	(3.2–6.8)
Sedgwick County, Kansas	627	6.0	1.0	(4.1–7.9)
Shawnee County, Kansas	434	5.0	1.0	(3.1–6.9)
Jefferson County, Kentucky	394	6.7	1.3	(4.2–9.2)
Caddo Parish, Louisiana	321	10.2	2.0	(6.3–14.1)
East Baton Rouge Parish, Louisiana	435	5.5	1.1	(3.2–7.7)
Jefferson Parish, Louisiana	395	6.2	1.3	(3.7–8.7)
Orleans Parish, Louisiana	411	11.7	1.9	(7.9–15.5)
Cumberland County, Maine	473	5.2	1.1	(3.1–7.4)
York County, Maine	326	7.5	1.6	(4.4–10.7)
Anne Arundel County, Maryland	348	7.5	1.4	(4.7–10.3)
Baltimore County, Maryland	501	6.8	1.3	(4.3–9.4)
Frederick County, Maryland	341	8.1	1.7	(4.9–11.4)
Montgomery County, Maryland	617	5.4	1.0	(3.4–7.3)
Prince George's County, Maryland	419	6.9	1.4	(4.3–9.6)
Baltimore city, Maryland	320	9.4	1.9	(5.8–13.1)
Bristol County, Massachusetts	881	8.4	1.2	(6.1–10.6)
Essex County, Massachusetts	803	7.4	1.2	(5.1–9.7)
Hampden County, Massachusetts	784	8.0	1.3	(5.5–10.6)
Middlesex County, Massachusetts	1,374	4.9	0.7	(3.5–6.3)
Norfolk County, Massachusetts	519	5.0	1.0	(3.0–6.9)
Plymouth County, Massachusetts	394	8.0	1.6	(5.0–11.1)
Suffolk County, Massachusetts	1,008	5.6	0.9	(3.9–7.3)
Worcester County, Massachusetts	1,108	6.1	0.9	(4.3–7.9)
Oakland County, Michigan	393	5.9	1.3	(3.3–8.4)
Wayne County, Michigan	527	9.8	1.4	(7.2–12.5)
Dakota County, Minnesota	265	4.9	1.4	(2.3–7.6)
Hennepin County, Minnesota	827	4.5	0.7	(3.1–5.9)
Ramsey County, Minnesota	357	6.1	1.4	(3.4–8.8)

TABLE 31. (Continued) Estimated prevalence of persons who reported ever having been told by a doctor that they have diabetes, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	373	9.1	1.5	(6.1–12.1)
Jackson County, Missouri	360	8.2	1.5	(5.1–11.2)
St. Louis County, Missouri	320	4.4	1.1	(2.2–6.5)
Douglas County, Nebraska	1,185	5.4	0.7	(4.0–6.8)
Lancaster County, Nebraska	741	5.0	0.8	(3.5–6.5)
Sarpy County, Nebraska	298	6.0	1.5	(3.0–9.0)
Clark County, Nevada	977	6.4	0.8	(4.8–8.1)
Washoe County, Nevada	1,000	5.7	0.7	(4.2–7.2)
Grafton County, New Hampshire	373	4.8	1.1	(2.5–7.0)
Hillsborough County, New Hampshire	1,367	4.6	0.6	(3.4–5.7)
Merrimack County, New Hampshire	579	6.9	1.2	(4.6–9.2)
Rockingham County, New Hampshire	1,081	6.7	0.8	(5.2–8.2)
Strafford County, New Hampshire	452	2.9	0.7	(1.4–4.3)
Bergen County, New Jersey	1,122	7.2	0.9	(5.5–8.9)
Burlington County, New Jersey	604	6.8	1.2	(4.5–9.1)
Camden County, New Jersey	645	6.8	1.0	(4.9–8.8)
Essex County, New Jersey	887	7.6	1.1	(5.5–9.7)
Gloucester County, New Jersey	373	8.2	1.8	(4.7–11.7)
Hudson County, New Jersey	594	7.4	1.3	(4.9–9.9)
Mercer County, New Jersey	519	6.0	1.1	(3.9–8.1)
Middlesex County, New Jersey	989	6.0	0.8	(4.4–7.6)
Monmouth County, New Jersey	816	6.6	1.0	(4.7–8.5)
Morris County, New Jersey	727	5.5	0.9	(3.8–7.2)
Ocean County, New Jersey	798	7.8	1.1	(5.7–10.0)
Passaic County, New Jersey	558	6.6	1.2	(4.1–9.0)
Somerset County, New Jersey	477	6.3	1.3	(3.7–8.9)
Union County, New Jersey	663	7.6	1.1	(5.4–9.8)
Bernalillo County, New Mexico	1,098	4.4	0.7	(3.0–5.7)
Dona Ana County, New Mexico	546	6.6	1.1	(4.4–8.8)
Sandoval County, New Mexico	306	4.5	1.2	(2.2–6.9)
Kings County, New York	497	6.7	1.2	(4.3–9.0)
Nassau County, New York	328	6.7	1.6	(3.5–9.9)
New York County, New York	527	5.5	1.1	(3.4–7.6)
Queens County, New York	411	7.7	1.7	(4.4–11.1)
Suffolk County, New York	395	5.5	1.3	(2.8–8.1)
Westchester County, New York	259	4.5	1.2	(2.2–6.8)
Buncombe County, North Carolina	454	7.9	1.4	(5.2–10.6)
Guilford County, North Carolina	446	6.1	1.1	(3.9–8.3)
Mecklenburg County, North Carolina	447	7.5	1.4	(4.8–10.2)
Orange County, North Carolina	451	4.8	1.1	(2.7–7.0)
Wake County, North Carolina	453	5.9	1.2	(3.6–8.3)
Cass County, North Dakota	498	5.0	0.9	(3.1–6.8)
Cuyahoga County, Ohio	433	10.7	1.7	(7.3–14.0)
Franklin County, Ohio	467	6.8	1.4	(4.1–9.4)
Hamilton County, Ohio	527	9.2	1.4	(6.5–11.9)
Lorain County, Ohio	476	7.6	1.3	(4.9–10.2)
Cleveland County, Oklahoma	367	5.7	1.2	(3.3–8.1)
Oklahoma County, Oklahoma	1,344	5.6	0.6	(4.4–6.7)
Tulsa County, Oklahoma	1,403	6.5	0.7	(5.1–7.8)
Clackamas County, Oregon	347	4.9	1.1	(2.7–7.1)
Multnomah County, Oregon	727	6.1	1.1	(4.0–8.2)
Washington County, Oregon	483	5.4	1.1	(3.3–7.5)
Allegheny County, Pennsylvania	375	6.2	1.3	(3.6–8.8)
Philadelphia County, Pennsylvania	329	8.4	1.6	(5.1–11.6)
Kent County, Rhode Island	567	6.5	1.1	(4.3–8.8)
Newport County, Rhode Island	334	8.0	1.8	(4.5–11.5)
Providence County, Rhode Island	2,512	7.7	0.6	(6.5–8.9)
Washington County, Rhode Island	460	3.8	1.0	(1.9–5.8)
Charleston County, South Carolina	444	8.4	1.3	(5.7–11.0)
Greenville County, South Carolina	526	6.7	1.2	(4.4–8.9)
Lexington County, South Carolina	326	5.3	1.3	(2.8–7.8)
Richland County, South Carolina	478	8.6	1.4	(6.0–11.3)
York County, South Carolina	289	6.2	1.5	(3.3–9.1)

TABLE 31. (Continued) Estimated prevalence of persons who reported ever having been told by a doctor that they have diabetes, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	620	5.3	0.9	(3.5–7.2)
Pennington County, South Dakota	726	6.2	1.0	(4.3–8.2)
Shelby County, Tennessee	336	8.2	1.6	(5.1–11.3)
Dallas County, Texas	559	4.7	0.9	(3.0–6.4)
Harris County, Texas	798	6.8	1.0	(4.9–8.7)
Salt Lake County, Utah	1,017	4.6	0.7	(3.2–6.1)
Summit County, Utah	254	2.1	0.8	(0.6–3.5)
Tooele County, Utah	265	4.0	1.1	(1.9–6.1)
Weber County, Utah	268	6.8	1.4	(4.1–9.5)
Chittenden County, Vermont	922	3.7	0.6	(2.5–4.9)
Franklin County, Vermont	280	7.5	1.6	(4.3–10.7)
Windsor County, Vermont	433	4.2	0.9	(2.4–6.0)
Benton County, Washington	356	8.2	1.5	(5.2–11.2)
Chelan County, Washington	280	7.4	1.6	(4.3–10.5)
Clark County, Washington	1,009	8.2	1.0	(6.3–10.2)
Franklin County, Washington	255	3.3	1.0	(1.3–5.2)
King County, Washington	3,013	5.1	0.4	(4.3–6.0)
Kitsap County, Washington	878	6.7	0.9	(4.9–8.5)
Pierce County, Washington	1,507	8.7	0.8	(7.1–10.2)
Snohomish County, Washington	1,455	6.6	0.7	(5.2–7.9)
Spokane County, Washington	1,122	6.5	0.8	(5.0–8.0)
Thurston County, Washington	711	6.2	0.9	(4.3–8.0)
Yakima County, Washington	694	7.5	1.0	(5.5–9.6)
Kanawha County, West Virginia	401	9.0	1.5	(6.1–11.9)
Milwaukee County, Wisconsin	1,017	8.1	1.2	(5.7–10.5)
Laramie County, Wyoming	654	6.2	1.0	(4.2–8.2)
Natrona County, Wyoming	527	5.2	1.1	(3.1–7.4)

* Standard error.

† Confidence interval.

TABLE 32. Estimated prevalence of persons who reported limited activities because of physical, mental, or emotional problems, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	3,301	23.2	0.8	(21.6–24.9)
Alaska	2,645	18.1	1.0	(16.2–20.1)
Arizona	3,208	19.6	1.0	(17.7–21.6)
Arkansas	4,130	22.9	0.8	(21.4–24.4)
California	4,339	18.3	0.7	(16.9–19.6)
Colorado	4,029	18.1	0.7	(16.8–19.4)
Connecticut	5,216	17.4	0.6	(16.2–18.5)
Delaware	4,021	17.5	0.8	(16.0–19.1)
District of Columbia	1,998	16.2	1.1	(14.1–18.3)
Florida	4,951	20.2	0.9	(18.4–22.0)
Georgia	7,555	18.3	0.6	(17.1–19.4)
Hawaii	4,330	11.2	0.6	(10.1–12.3)
Idaho	4,935	21.1	0.7	(19.8–22.4)
Illinois	2,628	13.9	0.7	(12.5–15.3)
Indiana	5,397	18.4	0.6	(17.3–19.5)
Iowa	4,935	17.1	0.6	(15.9–18.3)
Kansas	4,578	16.0	0.6	(14.8–17.2)
Kentucky	7,425	24.8	0.7	(23.4–26.3)
Louisiana	5,025	16.7	0.6	(15.5–17.8)
Maine	2,358	20.6	0.9	(18.8–22.4)
Maryland	4,356	17.4	0.7	(15.9–18.8)
Massachusetts	7,410	17.7	0.5	(16.6–18.8)
Michigan	3,526	20.7	0.8	(19.2–22.2)
Minnesota	3,858	21.7	0.7	(20.3–23.2)
Mississippi	4,371	23.7	0.7	(22.2–25.1)
Missouri	4,210	19.3	0.8	(17.7–20.8)
Montana	3,976	19.9	0.8	(18.3–21.5)
Nebraska	4,928	16.8	0.6	(15.6–18.0)
Nevada	2,931	17.9	1.0	(16.0–19.8)
New Hampshire	4,970	19.4	0.6	(18.2–20.7)
New Jersey	11,099	16.4	0.4	(15.6–17.3)
New Mexico	5,370	18.1	0.6	(16.9–19.3)
New York	5,418	18.4	0.6	(17.3–19.6)
North Carolina	9,398	17.9	0.6	(16.7–19.1)
North Dakota	2,988	16.0	0.7	(14.6–17.4)
Ohio	3,769	17.3	0.7	(15.8–18.7)
Oklahoma	7,604	21.3	0.5	(20.2–22.3)
Oregon	3,963	23.7	0.8	(22.2–25.2)
Pennsylvania	3,606	18.6	0.7	(17.1–20.0)
Rhode Island	3,995	17.9	0.7	(16.5–19.3)
South Carolina	5,818	18.6	0.6	(17.4–19.8)
South Dakota	5,225	18.8	0.6	(17.6–20.1)
Tennessee	2,562	18.3	0.9	(16.6–20.0)
Texas	5,922	17.5	0.6	(16.4–18.6)
Utah	4,022	18.8	0.8	(17.2–20.5)
Vermont	4,199	18.4	0.7	(17.1–19.7)
Virginia	5,327	17.6	0.7	(16.2–18.9)
Washington	18,409	23.5	0.4	(22.7–24.3)
West Virginia	3,336	26.4	0.8	(24.7–28.0)
Wisconsin	4,013	17.5	0.7	(16.1–18.8)
Wyoming	3,982	18.9	0.7	(17.6–20.2)
Guam	795	12.4	1.3	(9.8–15.1)
Puerto Rico	4,155	18.7	0.8	(17.2–20.2)
U.S. Virgin Islands	2,018	11.9	1.0	(10.0–13.8)

*Standard error.

†Confidence interval.

TABLE 33. Estimated prevalence of persons who reported limited activities because of physical, mental, or emotional problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	1,634	17.9	1.1	(15.8–19.9)
Anchorage, Alaska	555	18.2	1.8	(14.7–21.6)
Asheville, North Carolina	644	21.7	1.9	(17.9–25.4)
Atlanta-Sandy Springs-Marietta, Georgia	2,138	15.8	0.9	(13.9–17.6)
Augusta-Richmond County, Georgia-South Carolina	758	20.6	1.7	(17.3–24.0)
Baltimore-Towson, Maryland	1,662	18.3	1.1	(16.1–20.5)
Baton Rouge, Louisiana	780	17.7	1.5	(14.8–20.7)
Bethesda-Frederick-Gaithersburg, Maryland§	947	16.7	1.6	(13.6–19.9)
Birmingham-Hoover, Alabama	856	21.2	1.6	(18.1–24.2)
Boise City-Nampa, Idaho	1,183	17.5	1.2	(15.1–20.0)
Boston-Quincy, Massachusetts§	1,884	17.4	1.1	(15.4–19.5)
Bremerton-Silverdale, Washington	867	25.3	1.6	(22.1–28.5)
Bridgeport-Stamford-Norwalk, Connecticut	1,177	15.7	1.2	(13.3–18.1)
Burlington-South Burlington, Vermont	1,242	13.9	1.0	(11.9–15.8)
Cambridge-Newton-Framingham, Massachusetts§	1,338	14.3	1.2	(12.0–16.5)
Camden, New Jersey§	1,599	17.5	1.1	(15.3–19.6)
Casper, Wyoming	521	23.3	2.1	(19.1–27.5)
Charleston, West Virginia	613	26.3	2.0	(22.4–30.1)
Charleston-North Charleston, South Carolina	739	16.3	1.5	(13.4–19.2)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	909	15.8	1.4	(13.0–18.7)
Cheyenne, Wyoming	654	19.5	1.7	(16.2–22.8)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	2,014	14.3	0.9	(12.6–16.0)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,330	17.9	1.5	(15.0–20.8)
Cleveland-Elyria-Mentor, Ohio	993	18.7	1.7	(15.4–22.0)
Columbia, South Carolina	959	17.9	1.4	(15.2–20.6)
Columbus, Ohio	601	16.9	1.7	(13.6–20.1)
Concord, New Hampshire	568	21.4	1.9	(17.7–25.1)
Dallas-Plano-Irving, Texas§	891	13.2	1.2	(10.8–15.6)
Denver-Aurora, Colorado	1,898	17.4	0.9	(15.6–19.3)
Des Moines, Iowa	842	17.8	1.5	(14.9–20.6)
Detroit-Livonia-Dearborn, Michigan§	522	20.3	2.0	(16.4–24.1)
Dover, Delaware	1,345	16.6	1.1	(14.4–18.8)
Durham, North Carolina	769	11.5	1.9	(7.7–15.3)
Edison, New Jersey§	3,032	16.1	0.8	(14.6–17.7)
Essex County, Massachusetts§	782	18.6	1.7	(15.3–21.9)
Fairbanks, Alaska	516	16.1	1.7	(12.8–19.5)
Fargo, North Dakota-Minnesota	546	16.7	3.7	(9.5–24.0)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	518	19.9	2.0	(16.0–23.7)
Greensboro-High Point, North Carolina	557	16.8	2.1	(12.6–21.0)
Greenville, South Carolina	780	15.8	1.5	(13.0–18.7)
Hartford-West Hartford-East Hartford, Connecticut	1,893	17.2	1.0	(15.3–19.1)
Hilo, Hawaii	970	17.4	1.4	(14.6–20.1)
Honolulu, Hawaii	2,243	9.9	0.7	(8.5–11.3)
Houston-Baytown-Sugar Land, Texas	1,159	15.7	1.2	(13.4–18.0)
Huntington-Ashland, West Virginia-Kentucky-Ohio	551	28.2	2.7	(22.9–33.5)
Indianapolis, Indiana	1,409	15.5	1.0	(13.6–17.5)
Jackson, Mississippi	726	20.9	1.6	(17.6–24.1)
Kahului-Wailuku, Hawaii	698	11.8	1.4	(9.0–14.6)
Kansas City, Missouri-Kansas	1,818	16.4	1.1	(14.3–18.6)
Kennewick-Richland-Pasco, Washington	606	21.9	2.1	(17.8–25.9)
Las Cruces, New Mexico	533	14.9	1.6	(11.8–18.1)
Las Vegas-Paradise, Nevada	963	17.0	1.3	(14.5–19.5)
Lebanon, New Hampshire-Vermont	1,029	18.2	1.3	(15.6–20.8)
Lincoln, Nebraska	790	17.6	1.7	(14.2–21.0)
Little Rock-North Little Rock, Arkansas	918	18.1	1.4	(15.3–20.9)
Los Angeles-Long Beach-Glendale, California§	964	15.9	1.4	(13.1–18.7)
Louisville, Kentucky-Indiana	797	21.7	1.7	(18.5–25.0)
Manchester-Nashua, New Hampshire	1,352	18.2	1.2	(15.8–20.6)
Memphis, Tennessee-Mississippi-Arkansas	706	15.4	1.8	(11.9–19.0)
Miami-Fort Lauderdale-Miami Beach, Florida	570	16.1	2.1	(11.9–20.4)
Milwaukee-Waukesha-West Allis, Wisconsin	1,284	19.5	1.5	(16.6–22.5)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,191	20.8	1.0	(18.9–22.7)

TABLE 33. (Continued) Estimated prevalence of persons who reported limited activities because of physical, mental, or emotional problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Nashville-Davidson-Murfreesboro, Tennessee	584	14.3	1.6	(11.3–17.4)
Newark-Union, New Jersey-Pennsylvania§	2,703	15.8	0.9	(14.1–17.6)
New Haven-Milford, Connecticut	1,159	18.8	1.3	(16.3–21.4)
New Orleans-Metairie-Kenner, Louisiana	1,199	16.2	1.2	(13.9–18.5)
New York-Wayne-White Plains, New York-New Jersey§	4,312	15.8	0.8	(14.3–17.4)
Ogden-Clearfield, Utah	520	18.3	1.9	(14.6–21.9)
Oklahoma City, Oklahoma	2,276	18.9	0.9	(17.2–20.7)
Olympia, Washington	704	23.6	1.7	(20.3–27.0)
Omaha-Council Bluffs, Nebraska-Iowa	1,972	15.3	0.9	(13.5–17.0)
Philadelphia, Pennsylvania§	920	18.9	1.5	(15.9–21.9)
Phoenix-Mesa-Scottsdale, Arizona	1,041	19.2	1.5	(16.3–22.0)
Pittsburgh, Pennsylvania	730	18.8	1.6	(15.6–22.0)
Portland-South Portland, Maine	860	20.8	1.6	(17.7–23.9)
Portland-Vancouver-Beaverton, Oregon-Washington	2,902	20.1	0.9	(18.3–22.0)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,858	18.5	0.7	(17.1–19.9)
Raleigh-Cary, North Carolina	648	13.8	1.6	(10.7–17.0)
Rapid City, South Dakota	912	19.3	1.4	(16.6–22.1)
Reno-Sparks, Nevada	1,006	18.9	1.3	(16.3–21.5)
Richmond, Virginia	803	15.7	1.5	(12.8–18.7)
Rockingham County-Strafford County, New Hampshire§	1,513	18.0	1.1	(15.8–20.3)
St. Louis, Missouri-Illinois	787	17.5	1.5	(14.5–20.5)
Salt Lake City, Utah	1,527	18.7	1.3	(16.2–21.3)
San Francisco-Oakland-Fremont, California	573	17.3	1.9	(13.6–20.9)
Seaford, Delaware	1,267	18.3	1.2	(15.9–20.7)
Seattle-Bellevue-Everett, Washington§	4,421	22.0	0.7	(20.6–23.4)
Shreveport-Bossier City, Louisiana	501	14.9	1.7	(11.6–18.2)
Sioux Falls, South Dakota	794	17.2	1.6	(14.0–20.3)
Spokane, Washington	1,121	27.0	1.5	(24.1–30.0)
Springfield, Massachusetts	1,026	18.5	1.5	(15.5–21.5)
Suffolk County-Nassau County, New York§	710	18.7	1.7	(15.3–22.0)
Tacoma, Washington§	1,490	23.5	1.3	(21.0–26.0)
Topeka, Kansas	512	15.9	1.7	(12.4–19.3)
Trenton-Ewing, New Jersey	510	19.3	2.0	(15.3–23.2)
Tucson, Arizona	739	18.8	1.5	(15.9–21.8)
Tulsa, Oklahoma	2,004	21.6	1.1	(19.4–23.8)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,141	18.2	1.6	(15.0–21.4)
Warren-Farmington Hills-Troy, Michigan§	742	20.4	1.6	(17.3–23.6)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia§	3,755	14.3	1.0	(12.4–16.2)
Wenatchee, Washington	520	19.3	1.9	(15.6–22.9)
Wichita, Kansas	840	15.6	1.4	(12.9–18.3)
Wilmington, Delaware-Maryland-New Jersey§	1,621	18.1	1.1	(15.9–20.3)
Worcester, Massachusetts	1,084	18.8	1.6	(15.6–22.0)
Yakima, Washington	687	23.2	1.8	(19.6–26.8)

* Standard error.

† Confidence interval.

§ Metropolitan division.

TABLE 34. Estimated prevalence of persons who reported limited activities because of physical, mental, or emotional problems, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	514	19.2	1.9	(15.5–22.9)
Anchorage Municipality, Alaska	434	17.6	1.9	(13.8–21.3)
Fairbanks North Star Borough, Alaska	516	16.1	1.7	(12.8–19.4)
Maricopa County, Arizona	868	18.7	1.5	(15.7–21.7)
Pima County, Arizona	739	18.8	1.5	(15.9–21.8)
Pulaski County, Arkansas	574	18.2	1.8	(14.6–21.7)
Los Angeles County, California	964	15.9	1.4	(13.1–18.7)
Adams County, Colorado	279	18.1	2.5	(13.2–23.1)
Arapahoe County, Colorado	414	19.2	2.1	(15.1–23.3)
Denver County, Colorado	451	20.2	2.1	(16.0–24.4)
Jefferson County, Colorado	497	17.7	1.9	(13.9–21.4)
Fairfield County, Connecticut	1,177	15.7	1.2	(13.3–18.1)
Hartford County, Connecticut	1,370	17.3	1.1	(15.1–19.5)
Middlesex County, Connecticut	272	16.6	2.7	(11.2–21.9)
New Haven County, Connecticut	1,159	18.8	1.3	(16.3–21.4)
Tolland County, Connecticut	251	17.7	2.7	(12.4–23.0)
Kent County, Delaware	1,345	16.6	1.1	(14.4–18.8)
New Castle County, Delaware	1,409	17.3	1.1	(15.1–19.6)
Sussex County, Delaware	1,267	18.3	1.2	(15.9–20.7)
District of Columbia	1,998	16.2	1.1	(14.1–18.2)
DeKalb County, Georgia	256	13.7	2.3	(9.2–18.3)
Fulton County, Georgia	269	12.3	2.1	(8.2–16.5)
Richmond County, Georgia	280	19.9	2.7	(14.6–25.1)
Hawaii County, Hawaii	970	17.4	1.4	(14.6–20.1)
Honolulu County, Hawaii	2,243	9.9	0.7	(8.5–11.3)
Maui County, Hawaii	698	11.8	1.4	(9.0–14.6)
Ada County, Idaho	620	15.9	1.6	(12.8–19.0)
Canyon County, Idaho	436	18.8	2.1	(14.7–22.9)
Cook County, Illinois	904	14.7	1.3	(12.1–17.2)
DuPage County, Illinois	167	13.0	2.9	(7.4–18.6)
Lake County, Illinois	134	9.0	2.4	(4.3–13.8)
Lake County, Indiana	299	19.7	2.6	(14.6–24.9)
Marion County, Indiana	766	16.1	1.4	(13.3–18.9)
Polk County, Iowa	604	17.3	1.7	(14.0–20.5)
Johnson County, Kansas	739	14.6	1.5	(11.8–17.5)
Sedgwick County, Kansas	624	15.6	1.6	(12.5–18.6)
Shawnee County, Kansas	429	15.4	1.9	(11.7–19.0)
Jefferson County, Kentucky	378	21.4	2.4	(16.7–26.1)
Caddo Parish, Louisiana	318	15.2	2.2	(10.8–19.6)
East Baton Rouge Parish, Louisiana	429	15.2	1.9	(11.4–18.9)
Jefferson Parish, Louisiana	387	14.7	2.0	(10.9–18.6)
Orleans Parish, Louisiana	407	14.3	2.0	(10.4–18.2)
Cumberland County, Maine	467	20.9	2.0	(17.0–24.9)
York County, Maine	322	18.6	2.4	(13.9–23.3)
Anne Arundel County, Maryland	344	15.7	2.3	(11.2–20.2)
Baltimore County, Maryland	493	21.7	2.2	(17.4–25.9)
Frederick County, Maryland	338	14.7	2.0	(10.8–18.6)
Montgomery County, Maryland	609	17.2	1.8	(13.6–20.8)
Prince George's County, Maryland	413	13.4	1.9	(9.8–17.1)
Baltimore city, Maryland	312	20.6	2.6	(15.5–25.7)
Bristol County, Massachusetts	863	20.0	1.7	(16.6–23.4)
Essex County, Massachusetts	782	18.7	1.7	(15.4–22.1)
Hampden County, Massachusetts	769	18.6	1.8	(15.1–22.2)
Middlesex County, Massachusetts	1,338	14.2	1.1	(12.0–16.4)
Norfolk County, Massachusetts	508	19.1	2.0	(15.2–22.9)
Plymouth County, Massachusetts	383	17.4	2.1	(13.3–21.5)
Suffolk County, Massachusetts	993	16.4	1.4	(13.6–19.1)
Worcester County, Massachusetts	1,084	18.8	1.6	(15.6–22.0)
Oakland County, Michigan	390	20.9	2.3	(16.3–25.4)
Wayne County, Michigan	522	20.3	2.0	(16.4–24.1)
Dakota County, Minnesota	264	17.7	2.5	(12.9–22.5)
Hennepin County, Minnesota	823	22.4	1.6	(19.3–25.6)
Ramsey County, Minnesota	353	22.6	2.5	(17.6–27.5)

TABLE 34. (Continued) Estimated prevalence of persons who reported limited activities because of physical, mental, or emotional problems, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	369	18.3	2.2	(14.0–22.6)
Jackson County, Missouri	356	19.3	2.3	(14.8–23.8)
St. Louis County, Missouri	316	17.0	2.3	(12.5–21.5)
Douglas County, Nebraska	1,177	14.9	1.2	(12.7–17.2)
Lancaster County, Nebraska	733	18.2	1.8	(14.6–21.8)
Sarpy County, Nebraska	294	12.7	2.2	(8.4–16.9)
Clark County, Nevada	963	17.0	1.3	(4.5–19.5)
Washoe County, Nevada	992	19.0	1.3	(6.4–21.6)
Grafton County, New Hampshire	368	17.7	2.1	(3.6–21.8)
Hillsborough County, New Hampshire	1,352	18.2	1.2	(15.8–20.6)
Merrimack County, New Hampshire	568	21.4	1.9	(17.7–25.1)
Rockingham County, New Hampshire	1,069	17.6	1.3	(15.2–20.1)
Strafford County, New Hampshire	444	19.2	2.2	(14.8–23.6)
Bergen County, New Jersey	1,102	14.5	1.3	(11.9–17.0)
Burlington County, New Jersey	593	16.2	1.7	(12.8–19.5)
Camden County, New Jersey	636	18.0	1.7	(14.7–21.4)
Essex County, New Jersey	876	17.0	1.5	(14.1–20.0)
Gloucester County, New Jersey	370	18.9	2.5	(14.0–23.9)
Hudson County, New Jersey	578	14.4	1.6	(11.3–17.5)
Mercer County, New Jersey	510	19.3	2.0	(15.3–23.2)
Middlesex County, New Jersey	968	14.6	1.4	(11.8–17.5)
Monmouth County, New Jersey	809	14.8	1.5	(11.9–17.7)
Morris County, New Jersey	717	14.2	1.4	(11.5–16.9)
Ocean County, New Jersey	783	21.1	1.7	(17.8–24.3)
Passaic County, New Jersey	549	16.7	1.9	(13.0–20.5)
Somerset County, New Jersey	472	13.1	1.7	(9.8–16.3)
Union County, New Jersey	649	13.7	1.5	(10.8–16.7)
Bernalillo County, New Mexico	1,075	17.1	1.2	(14.7–19.6)
Dona Ana County, New Mexico	533	14.9	1.6	(11.8–18.1)
Sandoval County, New Mexico	301	20.4	2.6	(15.3–25.4)
Kings County, New York	483	17.6	1.9	(13.7–21.4)
Nassau County, New York	320	17.5	2.6	(12.5–22.5)
New York County, New York	513	17.9	2.0	(14.0–21.8)
Queens County, New York	397	13.4	2.0	(9.5–17.4)
Suffolk County, New York	390	19.8	2.3	(15.3–24.4)
Westchester County, New York	250	15.2	2.4	(10.5–19.8)
Buncombe County, North Carolina	447	19.9	2.0	(16.0–23.9)
Guilford County, North Carolina	446	13.6	1.8	(10.1–17.1)
Mecklenburg County, North Carolina	447	14.0	1.8	(10.5–17.5)
Orange County, North Carolina	449	13.9	3.0	(8.0–19.7)
Wake County, North Carolina	452	13.9	1.8	(10.4–17.5)
Cass County, North Dakota	494	11.4	1.5	(8.4–14.3)
Cuyahoga County, Ohio	425	20.6	2.4	(16.0–25.2)
Franklin County, Ohio	463	18.0	1.9	(14.2–21.8)
Hamilton County, Ohio	521	19.2	2.0	(15.2–23.1)
Lorain County, Ohio	471	20.7	2.3	(16.3–25.1)
Cleveland County, Oklahoma	366	19.2	2.3	(14.7–23.8)
Oklahoma County, Oklahoma	1,340	18.3	1.2	(16.0–20.6)
Tulsa County, Oklahoma	1,397	19.5	1.3	(17.0–22.0)
Clackamas County, Oregon	345	17.5	2.1	(13.4–21.5)
Multnomah County, Oregon	720	23.2	1.8	(19.7–26.8)
Washington County, Oregon	474	16.0	1.8	(12.5–19.5)
Allegheny County, Pennsylvania	369	16.2	2.1	(12.0–20.4)
Philadelphia County, Pennsylvania	319	18.7	2.6	(13.5–23.8)
Kent County, Rhode Island	557	21.9	1.9	(18.1–25.7)
Newport County, Rhode Island	335	14.8	2.1	(10.8–18.9)
Providence County, Rhode Island	2,480	18.0	0.9	(16.2–19.8)
Washington County, Rhode Island	457	15.0	1.8	(11.5–18.5)
Charleston County, South Carolina	438	15.7	1.9	(12.0–19.3)
Greenville County, South Carolina	516	12.2	1.5	(9.2–15.2)
Lexington County, South Carolina	320	17.1	2.2	(12.8–21.3)
Richland County, South Carolina	471	17.4	2.0	(13.6–21.2)
York County, South Carolina	282	16.6	2.4	(11.8–21.3)

TABLE 34. (Continued) Estimated prevalence of persons who reported limited activities because of physical, mental, or emotional problems, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	617	18.4	1.9	(14.5–22.2)
Pennington County, South Dakota	719	18.0	1.5	(15.1–21.0)
Shelby County, Tennessee	336	14.5	2.3	(9.9–19.1)
Dallas County, Texas	551	11.8	1.4	(9.1–14.5)
Harris County, Texas	784	12.7	1.3	(10.2–15.2)
Salt Lake County, Utah	1,011	19.1	1.4	(16.4–21.8)
Summit County, Utah	253	10.4	2.1	(6.3–14.6)
Tooele County, Utah	263	16.3	2.5	(11.4–21.2)
Weber County, Utah	265	18.0	2.6	(13.0–23.0)
Chittenden County, Vermont	911	13.8	1.2	(11.5–16.2)
Franklin County, Vermont	278	15.3	2.2	(11.0–19.6)
Windsor County, Vermont	429	20.0	2.1	(15.9–24.1)
Benton County, Washington	355	22.9	2.5	(18.0–27.9)
Chelan County, Washington	278	19.7	2.5	(14.8–24.5)
Clark County, Washington	995	18.9	1.4	(16.1–21.7)
Franklin County, Washington	251	18.0	3.1	(11.9–24.1)
King County, Washington	2,979	21.6	0.8	(20.0–23.2)
Kitsap County, Washington	867	25.3	1.6	(22.1–28.5)
Pierce County, Washington	1,490	23.4	1.3	(21.0–25.9)
Snohomish County, Washington	1,442	24.4	1.3	(21.9–26.9)
Spokane County, Washington	1,121	27.0	1.5	(24.1–30.0)
Thurston County, Washington	704	23.6	1.7	(20.3–27.0)
Yakima County, Washington	687	23.2	1.8	(19.6–26.8)
Kanawha County, West Virginia	399	23.9	2.4	(19.2–28.6)
Milwaukee County, Wisconsin	1,006	21.2	1.9	(17.5–24.9)
Laramie County, Wyoming	654	19.5	1.7	(16.2–22.8)
Natrona County, Wyoming	521	23.3	2.1	(19.1–27.5)

* Standard error.

† Confidence interval.

TABLE 35. Estimated prevalence of persons who required use of special equipment because of health problems, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	3,302	7.4	0.5	(6.5–8.3)
Alaska	2,648	4.8	0.6	(3.7–5.9)
Arizona	3,216	6.0	0.5	(5.0–7.1)
Arkansas	4,145	7.3	0.4	(6.4–8.2)
California	4,343	6.0	0.4	(5.2–6.8)
Colorado	4,034	5.2	0.4	(4.5–5.9)
Connecticut	5,237	5.4	0.3	(4.7–6.1)
Delaware	4,025	5.9	0.5	(5.0–6.8)
District of Columbia	2,007	5.9	0.7	(4.6–7.1)
Florida	4,972	6.6	0.5	(5.6–7.5)
Georgia	7,582	6.5	0.4	(5.8–7.1)
Hawaii	4,335	4.3	0.3	(3.6–5.0)
Idaho	4,958	5.2	0.4	(4.5–5.9)
Illinois	2,631	4.8	0.5	(3.9–5.6)
Indiana	5,413	5.4	0.3	(4.7–6.0)
Iowa	4,935	5.3	0.3	(4.7–6.0)
Kansas	4,582	5.2	0.4	(4.5–5.9)
Kentucky	7,430	7.9	0.4	(7.1–8.7)
Louisiana	5,030	6.4	0.4	(5.6–7.2)
Maine	2,368	6.2	0.5	(5.2–7.3)
Maryland	4,367	5.4	0.4	(4.6–6.2)
Massachusetts	7,424	6.0	0.3	(5.3–6.6)
Michigan	3,531	5.6	0.4	(4.8–6.4)
Minnesota	3,874	6.9	0.4	(6.0–7.7)
Mississippi	4,387	8.6	0.5	(7.7–9.5)
Missouri	4,217	6.8	0.5	(5.8–7.7)
Montana	3,993	6.4	0.5	(5.4–7.4)
Nebraska	4,938	5.6	0.3	(5.0–6.3)
Nevada	2,949	5.4	0.6	(4.3–6.5)
New Hampshire	4,975	5.3	0.3	(4.6–5.9)
New Jersey	11,121	5.3	0.3	(4.8–5.8)
New Mexico	5,375	6.2	0.3	(5.5–6.9)
New York	5,456	7.0	0.4	(6.3–7.8)
North Carolina	9,416	6.7	0.4	(5.9–7.4)
North Dakota	2,991	5.5	0.4	(4.7–6.4)
Ohio	3,782	6.2	0.5	(5.3–7.1)
Oklahoma	7,624	7.2	0.3	(6.6–7.8)
Oregon	3,978	6.7	0.4	(5.9–7.5)
Pennsylvania	3,624	6.6	0.5	(5.7–7.5)
Rhode Island	4,003	5.0	0.4	(4.3–5.8)
South Carolina	5,829	7.2	0.4	(6.5–8.0)
South Dakota	5,229	5.7	0.3	(5.0–6.3)
Tennessee	2,569	6.7	0.5	(5.6–7.8)
Texas	5,948	6.3	0.4	(5.6–7.0)
Utah	4,040	4.4	0.4	(3.5–5.3)
Vermont	4,223	4.9	0.3	(4.2–5.5)
Virginia	5,341	5.5	0.4	(4.8–6.2)
Washington	18,521	7.8	0.2	(7.3–8.3)
West Virginia	3,341	8.6	0.5	(7.6–9.6)
Wisconsin	4,014	5.5	0.4	(4.7–6.3)
Wyoming	3,983	5.6	0.4	(4.8–6.3)
Guam	797	3.8	0.8	(2.3–5.3)
Puerto Rico	4,158	7.3	0.5	(6.4–8.3)
U.S. Virgin Islands	2,018	3.5	0.5	(2.6–4.5)

*Standard error.

†Confidence interval.

TABLE 36. Estimated prevalence of persons who required use of special equipment because of health problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, by selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	1,636	6.3	0.6	(5.1–7.6)
Anchorage, Alaska	554	4.4	0.9	(2.6–6.1)
Asheville, North Carolina	648	7.9	1.2	(5.5–10.3)
Atlanta-Sandy Springs-Marietta, Georgia	2,149	5.3	0.6	(4.2–6.4)
Augusta-Richmond County, Georgia-South Carolina	759	8.1	1.0	(6.0–10.1)
Baltimore-Towson, Maryland	1,667	5.7	0.6	(4.5–7.0)
Baton Rouge, Louisiana	780	5.6	0.9	(3.8–7.4)
Bethesda-Frederick-Gaithersburg, Maryland§	947	4.6	0.8	(3.0–6.2)
Birmingham-Hoover, Alabama	854	7.3	0.9	(5.6–9.1)
Boise City-Nampa, Idaho	1,188	4.7	0.6	(3.5–6.0)
Boston-Quincy, Massachusetts§	1,882	5.8	0.6	(4.5–7.1)
Bremerton-Silverdale, Washington	878	8.3	1.0	(6.4–10.1)
Bridgeport-Stamford-Norwalk, Connecticut	1,178	4.5	0.6	(3.3–5.7)
Burlington-South Burlington, Vermont	1,249	3.7	0.5	(2.7–4.7)
Cambridge-Newton-Framingham, Massachusetts§	1,344	5.9	0.8	(4.3–7.4)
Camden, New Jersey§	1,598	5.5	0.8	(4.0–7.0)
Casper, Wyoming	520	8.2	1.4	(5.5–10.8)
Charleston, West Virginia	615	7.3	1.0	(5.3–9.3)
Charleston-North Charleston, South Carolina	740	6.2	0.9	(4.4–8.1)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	914	5.0	0.8	(3.5–6.5)
Cheyenne, Wyoming	653	6.3	1.0	(4.4–8.2)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	2,016	4.9	0.6	(3.8–6.0)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,332	6.5	0.9	(4.8–8.1)
Cleveland-Elyria-Mentor, Ohio	999	8.2	1.2	(5.7–10.6)
Columbia, South Carolina	964	7.1	0.9	(5.4–8.9)
Columbus, Ohio	601	6.0	1.0	(4.0–8.0)
Concord, New Hampshire	569	4.9	0.9	(3.1–6.7)
Dallas-Plano-Irving, Texas§	894	4.5	0.7	(3.0–5.9)
Denver-Aurora, Colorado	1,901	5.7	0.6	(4.6–6.8)
Des Moines, Iowa	841	6.0	0.9	(4.3–7.7)
Detroit-Livonia-Dearborn, Michigan§	524	5.8	1.1	(3.7–7.8)
Dover, Delaware	1,346	4.7	0.6	(3.5–5.8)
Durham, North Carolina	771	4.8	1.2	(2.4–7.2)
Edison, New Jersey§	3,035	5.1	0.5	(4.2–6.1)
Essex County, Massachusetts§	786	4.7	0.9	(3.0–6.5)
Fairbanks, Alaska	519	3.2	0.8	(1.7–4.7)
Fargo, North Dakota-Minnesota	546	7.8	3.5	(1.0–14.6)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	518	5.2	1.0	(3.2–7.2)
Greensboro-High Point, North Carolina	557	7.3	1.3	(4.7–9.8)
Greenville, South Carolina	780	6.2	0.9	(4.3–8.0)
Hartford-West Hartford-East Hartford, Connecticut	1,906	4.6	0.5	(3.6–5.5)
Hilo, Hawaii	971	4.5	0.7	(3.1–5.9)
Honolulu, Hawaii	2,245	4.4	0.5	(3.5–5.3)
Houston-Baytown-Sugar Land, Texas	1,168	6.1	0.8	(4.6–7.7)
Huntington-Ashland, West Virginia-Kentucky-Ohio	551	9.5	1.9	(5.8–13.2)
Indianapolis, Indiana	1,416	5.1	0.7	(3.9–6.4)
Jackson, Mississippi	727	9.3	1.1	(7.1–11.6)
Kahului-Wailuku, Hawaii	698	4.0	0.7	(2.6–5.4)
Kansas City, Missouri-Kansas	1,820	4.5	0.5	(3.5–5.5)
Kennewick-Richland-Pasco, Washington	609	6.6	1.2	(4.3–9.0)
Las Cruces, New Mexico	533	5.1	1.0	(3.3–7.0)
Las Vegas-Paradise, Nevada	967	4.9	0.7	(3.5–6.4)
Lebanon, New Hampshire-Vermont	1,035	5.2	0.7	(3.9–6.5)
Lincoln, Nebraska	791	5.2	0.8	(3.7–6.7)
Little Rock-North Little Rock, Arkansas	920	5.1	0.7	(3.6–6.5)
Los Angeles-Long Beach-Glendale, California§	966	7.6	1.1	(5.4–9.8)
Louisville, Kentucky-Indiana	797	5.7	0.8	(4.2–7.3)
Manchester-Nashua, New Hampshire	1,354	4.1	0.6	(3.0–5.2)
Memphis, Tennessee-Mississippi-Arkansas	706	6.0	1.2	(3.6–8.4)
Miami-Fort Lauderdale-Miami Beach, Florida	572	3.0	0.7	(1.7–4.4)
Milwaukee-Waukesha-West Allis, Wisconsin	1,280	7.7	1.0	(5.8–9.6)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,201	5.9	0.5	(4.9–6.9)
Nashville-Davidson-Murfreesboro, Tennessee	584	3.4	0.8	(1.8–4.9)

TABLE 36. (Continued) Estimated prevalence of persons who required use of special equipment because of health problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, by selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Newark-Union, New Jersey-Pennsylvania§	2,712	4.9	0.5	(4.0–5.8)
New Haven-Milford, Connecticut	1,160	6.9	0.9	(5.3–8.6)
New Orleans-Metairie-Kenner, Louisiana	1,204	6.6	0.8	(5.0–8.1)
New York-Wayne-White Plains, New York-New Jersey§	4,336	6.6	0.6	(5.5–7.7)
Ogden-Clearfield, Utah	523	3.0	0.8	(1.4–4.7)
Oklahoma City, Oklahoma	2,282	5.6	0.5	(4.7–6.6)
Olympia, Washington	707	7.8	1.0	(5.7–9.8)
Omaha-Council Bluffs, Nebraska-Iowa	1,971	5.7	0.6	(4.6–6.8)
Philadelphia, Pennsylvania§	925	7.7	1.1	(5.6–9.8)
Phoenix-Mesa-Scottsdale, Arizona	1,045	6.1	0.8	(4.5–7.6)
Pittsburgh, Pennsylvania	735	7.8	1.2	(5.5–10.0)
Portland-South Portland, Maine	864	4.9	0.8	(3.3–6.5)
Portland-Vancouver-Beaverton, Oregon-Washington	2,919	5.8	0.5	(4.8–6.7)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,867	5.2	0.4	(4.5–6.0)
Raleigh-Cary, North Carolina	649	2.8	0.7	(1.3–4.3)
Rapid City, South Dakota	912	5.7	0.7	(4.3–7.2)
Reno-Sparks, Nevada	1,013	4.5	0.6	(3.2–5.7)
Richmond, Virginia	804	6.0	1.0	(4.1–7.9)
Rockingham County-Strafford County, New Hampshire§	1,516	5.2	0.6	(4.0–6.3)
St. Louis, Missouri-Illinois	787	6.7	1.0	(4.9–8.6)
Salt Lake City, Utah	1,532	4.9	0.7	(3.5–6.3)
San Francisco-Oakland-Fremont, California	573	5.2	1.0	(3.2–7.3)
Seaford, Delaware	1,269	6.2	0.7	(4.9–7.6)
Seattle-Bellevue-Everett, Washington§	4,442	7.2	0.5	(6.3–8.1)
Shreveport-Bossier City, Louisiana	500	5.8	1.0	(3.7–7.9)
Sioux Falls, South Dakota	795	5.2	0.8	(3.6–6.8)
Spokane, Washington	1,124	9.9	1.0	(8.0–11.8)
Springfield, Massachusetts	1,027	6.3	0.9	(4.6–8.2)
Suffolk County-Nassau County, New York§	712	6.1	0.9	(4.3–7.9)
Tacoma, Washington§	1,499	6.7	0.7	(5.3–8.0)
Topeka, Kansas	512	4.6	0.9	(2.9–6.3)
Trenton-Ewing, New Jersey	509	7.4	1.2	(5.1–9.9)
Tucson, Arizona	741	4.7	0.8	(3.2–6.2)
Tulsa, Oklahoma	2,010	6.6	0.6	(5.5–7.8)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,145	4.9	0.7	(3.5–6.3)
Warren-Farmington Hills-Troy, Michigan§	745	5.4	0.8	(3.9–7.0)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia§	3,766	3.5	0.4	(2.8–4.3)
Wenatchee, Washington	521	5.8	1.1	(3.6–8.0)
Wichita, Kansas	840	5.2	0.8	(3.6–6.7)
Wilmington, Delaware-Maryland-New Jersey§	1,626	5.3	0.6	(4.2–6.5)
Worcester, Massachusetts	1,086	7.3	1.1	(5.1–9.4)
Yakima, Washington	688	8.8	1.3	(6.2–11.3)

* Standard error.

† Confidence interval.

§ Metropolitan division.

TABLE 37. Estimated prevalence of persons who required use of special equipment because of health problems, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	512	7.5	1.2	(5.3–9.8)
Anchorage Municipality, Alaska	433	4.1	1.0	(2.3–6.0)
Fairbanks North Star Borough, Alaska	519	3.2	0.8	(1.7–4.7)
Maricopa County, Arizona	870	6.0	0.8	(4.3–7.6)
Pima County, Arizona	741	4.7	0.8	(3.2–6.2)
Pulaski County, Arkansas	576	4.0	0.8	(2.5–5.5)
Los Angeles County, California	966	7.6	1.1	(5.4–9.8)
Adams County, Colorado	280	6.4	1.5	(3.5–9.3)
Arapahoe County, Colorado	415	3.5	0.9	(1.7–5.3)
Denver County, Colorado	452	7.4	1.3	(4.9–9.9)
Jefferson County, Colorado	497	7.2	1.3	(4.6–9.7)
Fairfield County, Connecticut	1,178	4.5	0.6	(3.2–5.7)
Hartford County, Connecticut	1,381	4.7	0.6	(3.5–5.9)
Middlesex County, Connecticut	273	3.5	1.3	(0.9–6.1)
New Haven County, Connecticut	1,160	6.9	0.9	(5.2–8.6)
Tolland County, Connecticut	252	4.8	1.4	(2.2–7.5)
Kent County, Delaware	1,346	4.7	0.6	(3.5–5.8)
New Castle County, Delaware	1,410	5.6	0.6	(4.3–6.9)
Sussex County, Delaware	1,269	6.2	0.7	(4.9–7.6)
District of Columbia	2,007	5.7	0.6	(4.5–7.0)
DeKalb County, Georgia	256	5.6	1.8	(2.1–9.1)
Fulton County, Georgia	272	5.1	1.4	(2.5–7.8)
Richmond County, Georgia	279	10.2	1.8	(6.6–13.8)
Hawaii County, Hawaii	971	4.5	0.7	(3.1–5.9)
Honolulu County, Hawaii	2,245	4.4	0.5	(3.5–5.3)
Maui County, Hawaii	698	4.0	0.7	(2.6–5.4)
Ada County, Idaho	621	3.6	0.8	(2.1–5.1)
Canyon County, Idaho	438	4.9	1.1	(2.9–7.0)
Cook County, Illinois	904	4.5	0.8	(2.9–6.0)
DuPage County, Illinois	167	5.8	2.0	(1.8–9.8)
Lake County, Illinois	134	NA [§]	NA	NA
Lake County, Indiana	300	8.7	2.0	(4.8–12.5)
Marion County, Indiana	770	5.7	1.0	(3.7–7.6)
Polk County, Iowa	603	5.7	1.0	(3.8–7.6)
Johnson County, Kansas	740	2.4	0.6	(1.3–3.6)
Sedgwick County, Kansas	624	4.9	0.8	(3.2–6.5)
Shawnee County, Kansas	429	4.8	1.0	(2.9–6.7)
Jefferson County, Kentucky	378	5.1	1.0	(3.0–7.2)
Caddo Parish, Louisiana	317	4.9	1.2	(2.4–7.3)
East Baton Rouge Parish, Louisiana	429	5.3	1.2	(3.0–7.6)
Jefferson Parish, Louisiana	390	6.3	1.4	(3.6–9.0)
Orleans Parish, Louisiana	408	7.0	1.4	(4.3–9.7)
Cumberland County, Maine	468	5.6	1.1	(3.4–7.8)
York County, Maine	324	4.7	1.4	(2.0–7.5)
Anne Arundel County, Maryland	345	5.1	1.2	(2.7–7.5)
Baltimore County, Maryland	494	8.2	1.5	(5.2–11.3)
Frederick County, Maryland	338	3.9	1.0	(1.9–6.0)
Montgomery County, Maryland	609	4.8	1.0	(2.9–6.6)
Prince George's County, Maryland	413	5.5	1.3	(3.0–8.0)
Baltimore city, Maryland	313	7.8	1.6	(4.6–10.9)
Bristol County, Massachusetts	864	6.2	0.9	(4.4–8.0)
Essex County, Massachusetts	786	4.7	0.9	(3.0–6.4)
Hampden County, Massachusetts	770	6.3	1.0	(4.4–8.3)
Middlesex County, Massachusetts	1,344	5.9	0.8	(4.3–7.4)
Norfolk County, Massachusetts	507	6.4	1.1	(4.2–8.6)
Plymouth County, Massachusetts	384	4.0	1.1	(1.8–6.2)
Suffolk County, Massachusetts	991	6.4	1.0	(4.5–8.3)
Worcester County, Massachusetts	1,086	7.3	1.1	(5.1–9.4)
Oakland County, Michigan	390	6.1	1.3	(3.6–8.6)
Wayne County, Michigan	524	5.8	1.1	(3.7–7.8)
Dakota County, Minnesota	264	5.2	1.5	(2.3–8.1)
Hennepin County, Minnesota	827	5.1	0.7	(3.6–6.5)
Ramsey County, Minnesota	356	7.6	1.5	(4.7–10.5)

TABLE 37. (Continued) Estimated prevalence of persons who required use of special equipment because of health problems, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	369	10.0	1.6	(6.8–13.2)
Jackson County, Missouri	356	5.7	1.1	(3.5–7.8)
St. Louis County, Missouri	316	5.4	1.2	(3.0–7.8)
Douglas County, Nebraska	1,178	5.3	0.7	(4.0–6.7)
Lancaster County, Nebraska	734	5.2	0.8	(3.6–6.8)
Sarpy County, Nebraska	293	3.2	1.0	(1.2–5.3)
Clark County, Nevada	967	4.9	0.7	(3.5–6.4)
Washoe County, Nevada	999	4.4	0.6	(3.1–5.6)
Grafton County, New Hampshire	369	5.1	1.0	(3.0–7.1)
Hillsborough County, New Hampshire	1,354	4.1	0.6	(3.0–5.2)
Merrimack County, New Hampshire	569	4.9	0.9	(3.1–6.7)
Rockingham County, New Hampshire	1,070	4.6	0.6	(3.4–5.9)
Strafford County, New Hampshire	446	6.5	1.3	(3.9–9.1)
Bergen County, New Jersey	1,107	3.7	0.6	(2.6–4.8)
Burlington County, New Jersey	592	5.8	1.1	(3.6–8.0)
Camden County, New Jersey	634	4.4	1.0	(2.4–6.5)
Essex County, New Jersey	879	5.8	0.9	(4.1–7.4)
Gloucester County, New Jersey	372	5.1	1.2	(2.8–7.3)
Hudson County, New Jersey	579	4.5	1.0	(2.6–6.4)
Mercer County, New Jersey	509	7.4	1.2	(5.0–9.9)
Middlesex County, New Jersey	971	5.8	1.0	(3.8–7.8)
Monmouth County, New Jersey	805	3.6	0.7	(2.3–4.9)
Morris County, New Jersey	720	3.4	0.7	(2.1–4.8)
Ocean County, New Jersey	788	5.6	0.8	(4.0–7.2)
Passaic County, New Jersey	552	4.1	0.9	(2.3–5.8)
Somerset County, New Jersey	471	4.8	1.1	(2.7–6.8)
Union County, New Jersey	654	5.1	1.0	(3.1–7.1)
Bernalillo County, New Mexico	1,076	6.6	0.8	(5.1–8.1)
Dona Ana County, New Mexico	533	5.1	1.0	(3.3–7.0)
Sandoval County, New Mexico	301	4.1	1.1	(2.0–6.3)
Kings County, New York	487	7.4	1.4	(4.7–10.1)
Nassau County, New York	321	6.4	1.4	(3.7–9.1)
New York County, New York	519	8.1	1.4	(5.3–10.9)
Queens County, New York	399	5.9	1.6	(2.9–9.0)
Suffolk County, New York	391	5.6	1.2	(3.2–8.1)
Westchester County, New York	250	4.8	1.5	(1.9–7.7)
Buncombe County, North Carolina	452	5.8	1.1	(3.7–8.0)
Guilford County, North Carolina	446	6.3	1.3	(3.8–8.9)
Mecklenburg County, North Carolina	448	4.4	1.0	(2.4–6.5)
Orange County, North Carolina	451	3.7	0.8	(2.1–5.3)
Wake County, North Carolina	452	2.5	0.7	(1.2–3.9)
Cass County, North Dakota	494	4.2	0.9	(2.4–6.1)
Cuyahoga County, Ohio	429	7.9	1.6	(4.8–11.1)
Franklin County, Ohio	463	7.3	1.3	(4.8–9.7)
Hamilton County, Ohio	522	8.5	1.3	(5.9–11.0)
Lorain County, Ohio	472	6.0	1.2	(3.5–8.4)
Cleveland County, Oklahoma	368	4.7	1.0	(2.7–6.7)
Oklahoma County, Oklahoma	1,343	6.0	0.7	(4.7–7.3)
Tulsa County, Oklahoma	1,401	7.4	0.8	(5.8–8.9)
Clackamas County, Oregon	345	4.3	1.0	(2.4–6.1)
Multnomah County, Oregon	721	6.2	1.0	(4.3–8.1)
Washington County, Oregon	478	5.1	1.0	(3.1–7.0)
Allegheny County, Pennsylvania	370	6.5	1.6	(3.4–9.5)
Philadelphia County, Pennsylvania	320	11.4	2.1	(7.4–15.5)
Kent County, Rhode Island	558	4.4	0.8	(2.8–6.1)
Newport County, Rhode Island	335	5.9	1.6	(2.8–9.0)
Providence County, Rhode Island	2,487	5.1	0.5	(4.1–6.0)
Washington County, Rhode Island	456	3.5	0.8	(1.9–5.1)
Charleston County, South Carolina	439	5.6	1.2	(3.3–8.0)
Greenville County, South Carolina	515	5.1	1.1	(3.0–7.2)
Lexington County, South Carolina	322	8.9	1.7	(5.5–12.3)
Richland County, South Carolina	473	5.0	1.0	(2.9–7.0)
York County, South Carolina	286	5.1	1.2	(2.7–7.4)

TABLE 37. (Continued) Estimated prevalence of persons who required use of special equipment because of health problems, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	618	5.5	1.0	(3.6–7.4)
Pennington County, South Dakota	719	5.8	0.8	(4.2–7.4)
Shelby County, Tennessee	336	6.6	1.8	(3.1–10.1)
Dallas County, Texas	553	4.7	0.8	(3.0–6.3)
Harris County, Texas	790	5.8	0.9	(4.0–7.6)
Salt Lake County, Utah	1,013	5.0	0.8	(3.5–6.6)
Summit County, Utah	254	NA	NA	NA
Tooele County, Utah	265	5.3	1.5	(2.4–8.3)
Weber County, Utah	267	2.3	0.9	(0.5–4.1)
Chittenden County, Vermont	917	3.6	0.6	(2.4–4.8)
Franklin County, Vermont	278	5.1	1.3	(2.6–7.7)
Windsor County, Vermont	432	5.9	1.1	(3.7–8.0)
Benton County, Washington	356	7.8	1.5	(4.8–10.8)
Chelan County, Washington	279	7.9	1.7	(4.5–11.3)
Clark County, Washington	1,003	7.5	0.9	(5.7–9.4)
Franklin County, Washington	253	3.0	1.0	(1.0–5.0)
King County, Washington	2,990	7.2	0.5	(6.2–8.2)
Kitsap County, Washington	878	8.3	1.0	(6.4–10.1)
Pierce County, Washington	1,499	6.6	0.7	(5.3–8.0)
Snohomish County, Washington	1,452	6.4	0.7	(5.0–7.9)
Spokane County, Washington	1,124	9.9	1.0	(7.9–11.8)
Thurston County, Washington	707	7.8	1.0	(5.7–9.8)
Yakima County, Washington	688	8.8	1.3	(6.2–11.3)
Kanawha County, West Virginia	401	6.9	1.3	(4.4–9.4)
Milwaukee County, Wisconsin	1,003	8.8	1.2	(6.4–11.2)
Laramie County, Wyoming	653	6.3	1.0	(4.4–8.2)
Natrona County, Wyoming	520	8.2	1.4	(5.5–10.8)

* Standard error.

† Confidence interval.

§ Estimate not available (NA) if the unweighted sample size for the denominator was <50 or (CI half width) >10.

TABLE 38. Estimated prevalence of persons aged ≥ 65 years who had received an influenza vaccination during the preceding year, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	741	70.2	1.8	(66.7–73.8)
Alaska	280	66.5	3.8	(59.1–73.9)
Arizona	831	68.9	2.3	(64.4–73.4)
Arkansas	963	71.0	1.6	(67.8–74.1)
California	879	72.5	1.9	(68.7–76.3)
Colorado	683	74.2	2.0	(70.3–78.0)
Connecticut	1,068	74.3	1.5	(71.4–77.3)
Delaware	797	70.0	2.1	(65.8–74.1)
District of Columbia	333	63.0	3.1	(56.9–69.2)
Florida	1,429	65.9	1.9	(62.3–69.6)
Georgia	1,432	67.0	1.7	(63.6–70.3)
Hawaii	879	76.3	1.8	(72.8–79.9)
Idaho	1,018	70.3	1.7	(67.0–73.6)
Illinois	998	62.2	1.8	(58.7–65.7)
Indiana	1,103	66.1	1.6	(63.1–69.2)
Iowa	1,268	77.5	1.3	(74.8–80.1)
Kansas	1,038	70.8	1.5	(67.7–73.8)
Kentucky	1,900	69.1	1.5	(66.1–72.0)
Louisiana	987	68.3	1.7	(65.0–71.6)
Maine	476	74.8	2.2	(70.5–79.1)
Maryland	771	68.4	2.1	(64.3–72.5)
Massachusetts	1,371	74.9	1.5	(72.0–77.8)
Michigan	825	67.5	1.8	(63.9–71.1)
Minnesota	832	80.3	1.4	(77.5–83.1)
Mississippi	951	69.0	1.6	(65.8–72.2)
Missouri	1,082	69.9	1.9	(66.2–73.7)
Montana	881	72.8	1.9	(69.0–76.6)
Nebraska	1,230	73.6	1.4	(71.0–76.3)
Nevada	599	60.0	3.0	(54.1–65.8)
New Hampshire	922	73.9	1.6	(70.7–77.0)
New Jersey	2,469	67.2	1.1	(65.0–69.4)
New Mexico	1,225	72.4	1.4	(69.7–75.2)
New York	1,112	68.0	1.7	(64.6–71.4)
North Carolina	2,206	68.8	1.5	(65.9–71.6)
North Dakota	729	73.0	1.8	(69.6–76.5)
Ohio	729	68.0	2.2	(63.8–72.2)
Oklahoma	1,914	75.8	1.1	(73.7–77.8)
Oregon	874	70.5	1.7	(67.2–73.8)
Pennsylvania	831	69.1	1.8	(65.7–72.6)
Rhode Island	833	76.2	1.7	(72.9–79.5)
South Carolina	1,210	69.3	1.5	(66.3–72.3)
South Dakota	1,399	77.9	1.2	(75.5–80.3)
Tennessee	512	69.1	2.3	(64.5–73.6)
Texas	1,082	67.7	1.5	(64.7–70.8)
Utah	704	74.8	2.1	(70.7–78.9)
Vermont	911	74.1	1.5	(71.1–77.1)
Virginia	1,017	69.6	1.9	(65.9–73.3)
Washington	3,924	73.4	0.9	(71.7–75.1)
West Virginia	801	69.0	1.8	(65.6–72.5)
Wisconsin	805	72.1	1.8	(68.5–75.7)
Wyoming	797	72.5	1.7	(69.2–75.9)
Guam	64	NA [§]	NA	NA
Puerto Rico	969	40.2	2.1	(36.1–44.3)
U.S. Virgin Islands	274	34.9	3.9	(27.3–42.4)

* Standard error.

† Confidence interval.

§ Estimate not available (NA) if the unweighted sample size for the denominator was <50 or (CI half width) >10.

TABLE 39. Estimated prevalence of persons aged ≥ 65 years who had received an influenza vaccination during the preceding year, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	360	76.9	2.5	(72.0–81.7)
Anchorage, Alaska	67	NA§	NA	NA
Asheville, North Carolina	194	70.5	4.1	(62.5–78.5)
Atlanta-Sandy Springs-Marietta, Georgia	296	62.5	3.5	(55.4–69.6)
Augusta-Richmond County, Georgia-South Carolina	143	69.8	4.1	(61.6–78.0)
Baltimore-Towson, Maryland	310	69.2	3.1	(63.2–75.2)
Baton Rouge, Louisiana	132	64.2	4.6	(55.2–73.2)
Bethesda-Frederick-Gaithersburg, Maryland¶	137	78.3	3.8	(70.8–85.9)
Birmingham-Hoover, Alabama	185	72.6	3.6	(65.7–79.5)
Boise City-Nampa, Idaho	227	69.3	3.6	(62.2–76.4)
Boston-Quincy, Massachusetts¶	300	75.2	3.0	(69.3–81.2)
Bremerton-Silverdale, Washington	173	72.2	3.7	(65.0–79.4)
Bridgeport-Stamford-Norwalk, Connecticut	239	71.4	3.4	(64.8–78.1)
Burlington-South Burlington, Vermont	223	78.2	2.9	(72.5–84.0)
Cambridge-Newton-Framingham, Massachusetts¶	217	78.7	3.0	(72.8–84.7)
Camden, New Jersey¶	384	69.5	2.7	(64.2–74.8)
Casper, Wyoming	121	77.5	4.1	(69.6–85.4)
Charleston, West Virginia	131	74.3	4.0	(66.6–82.1)
Charleston-North Charleston, South Carolina	138	68.3	4.5	(59.5–77.1)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	160	69.1	4.4	(60.4–77.8)
Cheyenne, Wyoming	133	74.0	4.2	(65.7–82.2)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	595	58.4	2.4	(53.7–63.0)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	269	63.9	4.4	(55.3–72.5)
Cleveland-Elyria-Mentor, Ohio	219	67.1	4.4	(58.4–75.8)
Columbia, South Carolina	171	67.4	4.0	(59.5–75.3)
Columbus, Ohio	87	NA	NA	NA
Concord, New Hampshire	101	80.7	4.4	(72.2–89.3)
Dallas-Plano-Irving, Texas¶	132	70.7	4.5	(61.9–79.5)
Denver-Aurora, Colorado	316	74.6	2.8	(69.2–80.1)
Des Moines, Iowa	170	80.7	3.3	(74.1–87.2)
Detroit-Livonia-Dearborn, Michigan¶	115	NA	NA	NA
Dover, Delaware	232	68.2	3.5	(61.5–75.0)
Durham, North Carolina	142	NA	NA	NA
Edison, New Jersey¶	734	69.4	2.0	(65.6–73.2)
Essex County, Massachusetts¶	153	68.3	4.6	(59.3–77.3)
Fairbanks, Alaska	54	NA	NA	NA
Fargo, North Dakota-Minnesota	87	NA	NA	NA
Fayetteville-Springdale-Rogers, Arkansas-Missouri	116	67.7	4.7	(58.6–76.7)
Greensboro-High Point, North Carolina	122	NA	NA	NA
Greenville, South Carolina	172	72.3	3.6	(65.2–79.4)
Hartford-West Hartford-East Hartford, Connecticut	380	74.2	2.4	(69.4–79.0)
Hilo, Hawaii	219	75.1	3.2	(68.8–81.4)
Honolulu, Hawaii	467	76.5	2.3	(71.9–81.0)
Houston-Baytown-Sugar Land, Texas	158	62.8	4.4	(54.2–71.3)
Huntington-Ashland, West Virginia-Kentucky-Ohio	158	NA	NA	NA
Indianapolis, Indiana	240	75.7	3.0	(69.8–81.7)
Jackson, Mississippi	142	62.8	4.6	(53.8–71.8)
Kahului-Wailuku, Hawaii	116	75.8	4.4	(67.2–84.4)
Kansas City, Missouri-Kansas	367	68.0	3.1	(61.9–74.1)
Kennewick-Richland-Pasco, Washington	99	NA	NA	NA
Las Cruces, New Mexico	117	72.1	4.6	(63.1–81.1)
Las Vegas-Paradise, Nevada	183	54.3	4.2	(46.1–62.5)
Lebanon, New Hampshire-Vermont	237	72.9	3.1	(66.8–79.0)
Lincoln, Nebraska	166	75.8	3.4	(69.1–82.6)
Little Rock-North Little Rock, Arkansas	193	67.9	3.7	(60.7–75.1)
Los Angeles-Long Beach-Glendale, California¶	159	66.0	4.6	(56.9–75.2)
Louisville, Kentucky-Indiana	173	71.4	3.9	(63.7–79.1)
Manchester-Nashua, New Hampshire	206	72.1	3.4	(65.5–78.7)
Memphis, Tennessee-Mississippi-Arkansas	128	NA	NA	NA
Miami-Fort Lauderdale-Miami Beach, Florida	148	63.5	4.9	(53.8–73.2)
Milwaukee-Waukesha-West Allis, Wisconsin	229	75.9	3.7	(68.5–83.3)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	374	83.8	2.0	(80.0–87.6)

TABLE 39. (Continued) Estimated prevalence of persons aged ≥ 65 years who had received an influenza vaccination during the preceding year, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Nashville-Davidson-Murfreesboro, Tennessee	113	NA	NA	NA
Newark-Union, New Jersey-Pennsylvania [¶]	516	64.1	2.7	(58.8–69.3)
New Haven-Milford, Connecticut	233	69.6	3.3	(63.1–76.0)
New Orleans-Metairie-Kenner, Louisiana	235	65.7	3.5	(58.8–72.7)
New York-Wayne-White Plains, New York-New Jersey [¶]	857	59.0	2.7	(53.8–64.2)
Ogden-Clearfield, Utah	84	78.3	5.1	(69.2–87.4)
Oklahoma City, Oklahoma	518	74.5	2.1	(70.4–78.5)
Olympia, Washington	138	68.6	4.5	(59.7–77.4)
Omaha-Council Bluffs, Nebraska-Iowa	406	78.2	2.3	(73.8–82.6)
Philadelphia, Pennsylvania [¶]	197	71.8	3.5	(65.0–78.7)
Phoenix-Mesa-Scottsdale, Arizona	260	69.2	3.5	(62.3–76.0)
Pittsburgh, Pennsylvania	187	62.0	3.9	(54.3–69.7)
Portland-South Portland, Maine	152	79.6	3.6	(72.4–86.8)
Portland-Vancouver-Beaverton, Oregon-Washington	527	71.3	2.5	(66.4–76.2)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	1,007	73.4	1.8	(69.9–77.0)
Raleigh-Cary, North Carolina	107	80.5	4.8	(70.8–90.2)
Rapid City, South Dakota	209	82.2	2.9	(76.5–87.9)
Reno-Sparks, Nevada	204	74.1	3.4	(67.5–80.8)
Richmond, Virginia	142	66.0	4.5	(57.1–75.0)
Rockingham County-Strafford County, New Hampshire [¶]	269	72.8	3.1	(66.8–78.8)
St. Louis, Missouri-Illinois	198	68.2	3.6	(61.1–75.4)
Salt Lake City, Utah	231	74.8	3.5	(67.8–81.7)
San Francisco-Oakland-Fremont, California	113	NA	NA	NA
Seaford, Delaware	340	71.3	2.6	(66.3–76.4)
Seattle-Bellevue-Everett, Washington [¶]	745	76.8	1.8	(73.2–80.3)
Shreveport-Bossier City, Louisiana	107	71.9	4.9	(62.3–81.5)
Sioux Falls, South Dakota	168	83.3	2.9	(77.6–89.1)
Spokane, Washington	233	70.3	3.3	(63.9–76.7)
Springfield, Massachusetts	199	74.7	4.2	(66.4–82.9)
Suffolk County-Nassau County, New York [¶]	141	76.4	3.9	(68.7–84.1)
Tacoma, Washington [¶]	274	72.7	3.0	(66.8–78.5)
Topeka, Kansas	134	69.6	4.4	(60.8–78.3)
Trenton-Ewing, New Jersey	108	79.2	4.2	(71.0–87.4)
Tucson, Arizona	213	74.0	3.4	(67.5–80.5)
Tulsa, Oklahoma	510	76.8	2.1	(72.7–80.9)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	208	65.3	4.5	(56.3–74.4)
Warren-Farmington Hills-Troy, Michigan [¶]	171	72.1	3.8	(64.9–79.4)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia [¶]	589	70.7	3.0	(64.8–76.6)
Wenatchee, Washington	116	80.0	4.2	(71.8–88.3)
Wichita, Kansas	200	68.4	3.5	(61.5–75.3)
Wilmington, Delaware-Maryland-New Jersey [¶]	270	67.3	3.2	(61.1–73.6)
Worcester, Massachusetts	201	71.5	4.4	(62.8–80.2)
Yakima, Washington	166	68.1	4.2	(60.1–76.1)

* Standard error.

† Confidence interval.

§ Estimate not available (NA) if the unweighted sample size for the denominator was <50 or (CI half width) >10.

¶ Metropolitan division.

TABLE 40. Estimated prevalence of persons aged ≥ 65 years who had received an influenza vaccination during the preceding year, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	117	73.0	4.4	(64.4–81.6)
Anchorage Municipality, Alaska	56	NA [§]	NA	NA
Fairbanks North Star Borough, Alaska	54	NA	NA	NA
Maricopa County, Arizona	201	68.0	3.8	(60.6–75.4)
Pima County, Arizona	213	74.0	3.4	(67.4–80.6)
Pulaski County, Arkansas	128	67.7	4.6	(58.7–76.6)
Los Angeles County, California	159	66.0	4.7	(56.9–75.1)
Adams County, Colorado	34	NA	NA	NA
Arapahoe County, Colorado	76	NA	NA	NA
Denver County, Colorado	100	76.0	4.7	(66.8–85.2)
Jefferson County, Colorado	85	NA	NA	NA
Fairfield County, Connecticut	239	71.4	3.4	(64.8–78.1)
Hartford County, Connecticut	271	78.0	2.8	(72.6–83.5)
Middlesex County, Connecticut	69	NA	NA	NA
New Haven County, Connecticut	233	69.6	3.3	(63.1–76.0)
Tolland County, Connecticut	40	NA	NA	NA
Kent County, Delaware	232	68.2	3.5	(61.4–75.1)
New Castle County, Delaware	225	69.9	3.3	(63.4–76.3)
Sussex County, Delaware	340	71.3	2.6	(66.3–76.4)
District of Columbia	333	62.7	3.1	(56.6–68.9)
DeKalb County, Georgia	30	NA	NA	NA
Fulton County, Georgia	41	NA	NA	NA
Richmond County, Georgia	55	NA	NA	NA
Hawaii County, Hawaii	219	75.1	3.2	(68.8–81.4)
Honolulu County, Hawaii	467	76.5	2.3	(71.9–81.0)
Maui County, Hawaii	116	75.8	4.4	(67.2–84.4)
Ada County, Idaho	115	69.4	4.9	(59.8–79.1)
Canyon County, Idaho	78	NA	NA	NA
Cook County, Illinois	333	56.8	3.2	(50.5–63.1)
DuPage County, Illinois	54	NA	NA	NA
Lake County, Illinois	28	NA	NA	NA
Lake County, Indiana	55	NA	NA	NA
Marion County, Indiana	133	73.5	4.2	(65.2–81.7)
Polk County, Iowa	116	78.7	4.2	(70.6–86.9)
Johnson County, Kansas	120	70.2	4.9	(60.6–79.7)
Sedgwick County, Kansas	135	69.3	4.2	(61.2–77.4)
Shawnee County, Kansas	112	68.1	5.0	(58.3–77.9)
Jefferson County, Kentucky	89	NA	NA	NA
Caddo Parish, Louisiana	66	NA	NA	NA
East Baton Rouge Parish, Louisiana	74	NA	NA	NA
Jefferson Parish, Louisiana	87	77.4	4.6	(68.3–86.6)
Orleans Parish, Louisiana	80	NA	NA	NA
Cumberland County, Maine	77	82.7	4.6	(73.7–91.7)
York County, Maine	65	NA	NA	NA
Anne Arundel County, Maryland	63	NA	NA	NA
Baltimore County, Maryland	102	NA	NA	NA
Frederick County, Maryland	42	NA	NA	NA
Montgomery County, Maryland	95	77.5	4.5	(68.7–86.2)
Prince George's County, Maryland	63	NA	NA	NA
Baltimore city, Maryland	58	NA	NA	NA
Bristol County, Massachusetts	174	67.2	4.8	(57.8–76.5)
Essex County, Massachusetts	153	67.9	4.6	(58.9–77.0)
Hampden County, Massachusetts	160	75.0	5.0	(65.2–84.8)
Middlesex County, Massachusetts	217	78.7	3.0	(72.8–84.7)
Norfolk County, Massachusetts	102	80.1	4.1	(72.1–88.1)
Plymouth County, Massachusetts	76	NA	NA	NA
Suffolk County, Massachusetts	122	71.9	4.5	(63.2–80.6)
Worcester County, Massachusetts	201	71.5	4.4	(62.8–80.2)
Oakland County, Michigan	95	NA	NA	NA
Wayne County, Michigan	115	NA	NA	NA
Dakota County, Minnesota	35	NA	NA	NA
Hennepin County, Minnesota	162	85.4	2.8	(79.8–90.9)
Ramsey County, Minnesota	77	86.0	4.2	(77.8–94.3)

TABLE 40. (Continued) Estimated prevalence of persons aged ≥ 65 years who had received an influenza vaccination during the preceding year, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	80	NA	NA	NA
Jackson County, Missouri	87	NA	NA	NA
St. Louis County, Missouri	75	NA	NA	NA
Douglas County, Nebraska	238	78.5	2.9	(72.9–84.2)
Lancaster County, Nebraska	145	79.1	3.5	(72.3–86.0)
Sarpy County, Nebraska	45	NA	NA	NA
Clark County, Nevada	183	54.3	4.2	(46.1–62.5)
Washoe County, Nevada	202	74.0	3.4	(67.3–80.7)
Grafton County, New Hampshire	83	78.6	5.0	(68.8–88.4)
Hillsborough County, New Hampshire	206	72.1	3.4	(65.5–78.7)
Merrimack County, New Hampshire	101	80.7	4.4	(72.2–89.3)
Rockingham County, New Hampshire	201	73.5	3.4	(66.8–80.2)
Strafford County, New Hampshire	68	NA	NA	NA
Bergen County, New Jersey	262	67.9	3.3	(61.4–74.5)
Burlington County, New Jersey	157	77.4	3.7	(70.1–84.8)
Camden County, New Jersey	145	62.9	4.6	(54.0–71.9)
Essex County, New Jersey	172	55.4	4.5	(46.6–64.1)
Gloucester County, New Jersey	82	NA	NA	NA
Hudson County, New Jersey	99	NA	NA	NA
Mercer County, New Jersey	108	79.2	4.2	(71.0–87.4)
Middlesex County, New Jersey	193	70.9	3.9	(63.2–78.6)
Monmouth County, New Jersey	179	71.6	3.7	(64.4–78.8)
Morris County, New Jersey	142	76.1	3.8	(68.7–83.6)
Ocean County, New Jersey	267	67.8	3.3	(61.4–74.2)
Passaic County, New Jersey	118	NA	NA	NA
Somerset County, New Jersey	95	69.3	5.1	(59.4–79.3)
Union County, New Jersey	126	58.9	4.9	(49.2–68.6)
Bernalillo County, New Mexico	241	80.3	2.8	(74.7–85.8)
Dona Ana County, New Mexico	117	72.1	4.6	(63.1–81.0)
Sandoval County, New Mexico	53	NA	NA	NA
Kings County, New York	82	NA	NA	NA
Nassau County, New York	67	86.9	4.3	(78.5–95.3)
New York County, New York	98	NA	NA	NA
Queens County, New York	63	NA	NA	NA
Suffolk County, New York	74	NA	NA	NA
Westchester County, New York	67	81.2	4.9	(71.6–90.9)
Buncombe County, North Carolina	134	73.2	4.2	(65.0–81.3)
Guilford County, North Carolina	99	72.3	4.8	(63.0–81.7)
Mecklenburg County, North Carolina	79	NA	NA	NA
Orange County, North Carolina	71	NA	NA	NA
Wake County, North Carolina	61	NA	NA	NA
Cass County, North Dakota	75	NA	NA	NA
Cuyahoga County, Ohio	102	NA	NA	NA
Franklin County, Ohio	65	NA	NA	NA
Hamilton County, Ohio	99	71.8	4.9	(62.1–81.4)
Lorain County, Ohio	99	NA	NA	NA
Cleveland County, Oklahoma	60	NA	NA	NA
Oklahoma County, Oklahoma	331	74.2	2.6	(69.1–79.4)
Tulsa County, Oklahoma	360	77.2	2.5	(72.4–82.1)
Clackamas County, Oregon	77	NA	NA	NA
Multnomah County, Oregon	133	73.2	4.8	(63.9–82.6)
Washington County, Oregon	80	NA	NA	NA
Allegheny County, Pennsylvania	78	NA	NA	NA
Philadelphia County, Pennsylvania	64	NA	NA	NA
Kent County, Rhode Island	121	80.9	3.8	(73.4–88.3)
Newport County, Rhode Island	76	NA	NA	NA
Providence County, Rhode Island	507	75.8	2.2	(71.5–80.1)
Washington County, Rhode Island	88	80.7	4.6	(71.7–89.7)
Charleston County, South Carolina	94	74.0	4.9	(64.4–83.6)
Greenville County, South Carolina	113	70.1	4.5	(61.4–78.8)
Lexington County, South Carolina	66	NA	NA	NA
Richland County, South Carolina	71	NA	NA	NA
York County, South Carolina	54	NA	NA	NA

TABLE 40. (Continued) Estimated prevalence of persons aged ≥65 years who had received an influenza vaccination during the preceding year, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	131	84.8	3.1	(78.7–90.9)
Pennington County, South Dakota	171	80.3	3.3	(73.7–86.8)
Shelby County, Tennessee	63	NA	NA	NA
Dallas County, Texas	87	NA	NA	NA
Harris County, Texas	101	NA	NA	NA
Salt Lake County, Utah	163	74.9	3.8	(67.4–82.4)
Summit County, Utah	26	NA	NA	NA
Tooele County, Utah	42	NA	NA	NA
Weber County, Utah	45	NA	NA	NA
Chittenden County, Vermont	153	84.7	2.9	(79.1–90.3)
Franklin County, Vermont	53	NA	NA	NA
Windsor County, Vermont	107	69.1	4.7	(59.8–78.4)
Benton County, Washington	66	NA	NA	NA
Chelan County, Washington	77	78.5	4.9	(69.0–88.1)
Clark County, Washington	173	77.1	3.5	(70.3–83.9)
Franklin County, Washington	33	NA	NA	NA
King County, Washington	502	76.9	2.1	(72.9–80.9)
Kitsap County, Washington	173	72.2	3.7	(65.0–79.4)
Pierce County, Washington	274	73.3	2.9	(67.7–78.9)
Snohomish County, Washington	243	76.0	3.1	(69.9–82.2)
Spokane County, Washington	233	70.3	3.3	(63.9–76.7)
Thurston County, Washington	138	68.6	4.5	(59.8–77.4)
Yakima County, Washington	166	68.1	4.2	(59.9–76.3)
Kanawha County, West Virginia	85	76.0	4.8	(66.7–85.3)
Milwaukee County, Wisconsin	179	75.2	4.6	(66.2–84.3)
Laramie County, Wyoming	133	74.0	4.2	(65.8–82.2)
Natrona County, Wyoming	121	77.5	4.1	(69.5–85.5)

* Standard error.

† Confidence interval.

§ Estimate not available (NA) if the unweighted sample size for the denominator was <50 or (CI half width) >10.

TABLE 41. Estimated prevalence of persons aged ≥ 65 years who had ever received a pneumococcal vaccination, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	731	61.4	2.0	(57.6–65.3)
Alaska	253	59.6	4.3	(51.1–68.0)
Arizona	809	65.5	2.5	(60.6–70.3)
Arkansas	940	61.8	1.7	(58.4–65.3)
California	858	65.2	2.1	(61.1–69.3)
Colorado	671	69.1	2.1	(65.0–73.2)
Connecticut	1,037	64.5	1.7	(61.2–67.8)
Delaware	779	67.4	2.2	(63.1–71.6)
District of Columbia	315	50.1	3.4	(43.4–56.8)
Florida	1,402	64.4	1.9	(60.7–68.2)
Georgia	1,401	60.5	1.8	(57.1–63.9)
Hawaii	865	69.3	2.0	(65.4–73.3)
Idaho	989	67.2	1.7	(63.8–70.6)
Illinois	982	57.0	1.8	(53.4–60.5)
Indiana	1,069	61.5	1.6	(58.3–64.6)
Iowa	1,254	71.4	1.5	(68.6–74.2)
Kansas	1,027	60.3	1.7	(57.0–63.6)
Kentucky	1,863	59.6	1.7	(56.3–62.9)
Louisiana	981	64.2	1.7	(60.8–67.6)
Maine	466	64.8	2.4	(60.1–69.5)
Maryland	754	62.0	2.2	(57.7–66.3)
Massachusetts	1,330	69.4	1.6	(66.3–72.5)
Michigan	807	62.7	1.9	(58.9–66.4)
Minnesota	798	73.0	1.7	(69.8–76.3)
Mississippi	932	61.7	1.8	(58.3–65.2)
Missouri	1,064	61.0	2.0	(57.1–65.0)
Montana	873	69.1	2.0	(65.1–73.0)
Nebraska	1,199	64.8	1.5	(61.9–67.7)
Nevada	568	63.2	3.0	(57.2–69.2)
New Hampshire	886	69.3	1.7	(66.0–72.6)
New Jersey	2,404	62.4	1.2	(60.1–64.7)
New Mexico	1,191	63.9	1.6	(60.9–67.0)
New York	1,069	61.7	1.8	(58.3–65.2)
North Carolina	2,168	66.6	1.5	(63.7–69.5)
North Dakota	709	71.2	1.8	(67.6–74.8)
Ohio	712	64.7	2.3	(60.2–69.1)
Oklahoma	1,883	68.6	1.2	(66.3–70.9)
Oregon	847	71.7	1.7	(68.3–75.1)
Pennsylvania	811	66.1	1.8	(62.5–69.7)
Rhode Island	812	69.3	1.8	(65.8–72.9)
South Carolina	1,179	63.0	1.6	(59.8–66.2)
South Dakota	1,375	63.7	1.4	(60.9–66.5)
Tennessee	508	60.8	2.4	(56.0–65.6)
Texas	1,052	62.0	1.6	(58.8–65.2)
Utah	678	66.2	2.4	(61.3–71.0)
Vermont	874	66.1	1.7	(62.6–69.5)
Virginia	1,004	65.2	2.0	(61.3–69.1)
Washington	3,797	68.6	0.9	(66.7–70.4)
West Virginia	785	63.8	1.9	(60.2–67.4)
Wisconsin	783	66.7	2.0	(62.9–70.5)
Wyoming	790	70.4	1.8	(66.9–73.9)
Guam	61	NA§	NA	NA
Puerto Rico	935	32.9	2.0	(28.9–36.9)
U.S. Virgin Islands	259	31.6	3.9	(23.9–39.2)

* Standard error.

† Confidence interval.

§ Estimate not available (NA) if the unweighted sample size for the denominator was <50 or (CI half width) >10.

TABLE 42. Estimated prevalence of persons aged ≥65 years who had ever received a pneumococcal vaccination, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	352	71.9	2.7	(66.7–77.2)
Anchorage, Alaska	64	NA [§]	NA	NA
Asheville, North Carolina	188	70.3	4.0	(62.4–78.3)
Atlanta-Sandy Springs-Marietta, Georgia	293	55.8	3.6	(48.8–62.8)
Augusta-Richmond County, Georgia-South Carolina	137	67.0	4.6	(57.8–76.2)
Baltimore-Towson, Maryland	304	64.0	3.2	(57.8–70.3)
Baton Rouge, Louisiana	132	64.7	4.6	(55.6–73.8)
Bethesda-Frederick-Gaithersburg, Maryland [¶]	135	63.3	4.8	(53.9–72.8)
Birmingham-Hoover, Alabama	183	63.7	3.9	(56.1–71.4)
Boise City-Nampa, Idaho	222	71.0	3.6	(64.0–78.1)
Boston-Quincy, Massachusetts [¶]	289	64.7	3.4	(58.1–71.3)
Bremerton-Silverdale, Washington	170	69.8	3.9	(62.1–77.6)
Bridgeport-Stamford-Norwalk, Connecticut	229	55.9	3.7	(48.6–63.2)
Burlington-South Burlington, Vermont	215	68.7	3.4	(62.0–75.4)
Cambridge-Newton-Framingham, Massachusetts [¶]	214	71.7	3.6	(64.7–78.8)
Camden, New Jersey [¶]	377	68.8	2.7	(63.5–74.2)
Casper, Wyoming	123	80.5	3.9	(72.9–88.2)
Charleston, West Virginia	128	72.1	4.3	(63.7–80.5)
Charleston-North Charleston, South Carolina	136	59.6	4.9	(50.0–69.2)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	157	68.4	4.6	(59.6–77.3)
Cheyenne, Wyoming	133	75.1	4.0	(67.2–83.0)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	582	52.1	2.4	(47.4–56.8)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	264	60.4	4.3	(51.9–69.0)
Cleveland-Elyria-Mentor, Ohio	213	64.6	4.5	(55.7–73.5)
Columbia, South Carolina	165	63.3	4.1	(55.2–71.4)
Columbus, Ohio	84	NA	NA	NA
Concord, New Hampshire	97	NA	NA	NA
Dallas-Plano-Irving, Texas [¶]	128	62.2	4.8	(52.8–71.7)
Denver-Aurora, Colorado	311	71.4	2.9	(65.7–77.1)
Des Moines, Iowa	168	73.2	3.7	(65.9–80.4)
Detroit-Livonia-Dearborn, Michigan [¶]	111	NA	NA	NA
Dover, Delaware	227	65.9	3.6	(58.9–73.0)
Durham, North Carolina	139	75.6	5.1	(65.7–85.5)
Edison, New Jersey [¶]	715	66.8	2.0	(62.8–70.8)
Essex County, Massachusetts [¶]	150	63.4	4.8	(54.0–72.8)
Fairbanks, Alaska	49	NA	NA	NA
Fargo, North Dakota-Minnesota	86	NA	NA	NA
Fayetteville-Springdale-Rogers, Arkansas-Missouri	114	NA	NA	NA
Greensboro-High Point, North Carolina	121	NA	NA	NA
Greenville, South Carolina	168	59.8	4.1	(51.8–67.8)
Hartford-West Hartford-East Hartford, Connecticut	374	64.9	2.7	(59.6–70.3)
Hilo, Hawaii	215	60.3	3.8	(52.7–67.8)
Honolulu, Hawaii	458	70.7	2.6	(65.7–75.7)
Houston-Baytown-Sugar Land, Texas	151	55.1	4.4	(46.4–63.8)
Huntington-Ashland, West Virginia-Kentucky-Ohio	156	NA	NA	NA
Indianapolis, Indiana	233	67.9	3.3	(61.4–74.4)
Jackson, Mississippi	139	54.5	4.7	(45.2–63.7)
Kahului-Wailuku, Hawaii	115	NA	NA	NA
Kansas City, Missouri-Kansas	359	58.2	3.3	(51.9–64.5)
Kennewick-Richland-Pasco, Washington	96	NA	NA	NA
Las Cruces, New Mexico	114	59.3	5.0	(49.5–69.1)
Las Vegas-Paradise, Nevada	169	56.3	4.3	(47.9–64.7)
Lebanon, New Hampshire-Vermont	226	62.5	3.5	(55.6–69.5)
Lincoln, Nebraska	163	71.4	3.7	(64.2–78.7)
Little Rock-North Little Rock, Arkansas	192	56.8	3.9	(49.2–64.5)
Los Angeles-Long Beach-Glendale, California [¶]	151	62.6	5.0	(52.8–72.5)
Louisville, Kentucky-Indiana	169	60.0	4.4	(51.2–68.8)
Manchester-Nashua, New Hampshire	202	67.4	3.5	(60.6–74.3)
Memphis, Tennessee-Mississippi-Arkansas	126	NA	NA	NA
Miami-Fort Lauderdale-Miami Beach, Florida	144	NA	NA	NA
Milwaukee-Waukesha-West Allis, Wisconsin	223	71.4	4.0	(63.7–79.1)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	356	77.4	2.4	(72.8–82.1)
Nashville-Davidson-Murfreesboro, Tennessee	110	NA	NA	NA

TABLE 42. (Continued) Estimated prevalence of persons aged ≥ 65 years who had ever received a pneumococcal vaccination, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Newark-Union, New Jersey-Pennsylvania¶	501	57.2	2.8	(51.8–62.7)
New Haven-Milford, Connecticut	225	64.5	3.5	(57.6–71.4)
New Orleans-Metairie-Kenner, Louisiana	234	56.9	3.7	(49.7–64.1)
New York-Wayne-White Plains, New York-New Jersey¶	823	47.6	2.6	(42.5–52.7)
Ogden-Clearfield, Utah	82	NA	NA	NA
Oklahoma City, Oklahoma	513	65.3	2.4	(60.7–70.0)
Olympia, Washington	136	69.5	4.4	(60.8–78.2)
Omaha-Council Bluffs, Nebraska-Iowa	398	66.6	2.6	(61.4–71.8)
Philadelphia, Pennsylvania¶	189	67.0	3.8	(59.5–74.5)
Phoenix-Mesa-Scottsdale, Arizona	253	65.2	3.7	(58.0–72.5)
Pittsburgh, Pennsylvania	185	63.2	4.0	(55.5–71.1)
Portland-South Portland, Maine	148	68.6	4.1	(60.4–76.7)
Portland-Vancouver-Beaverton, Oregon-Washington	513	72.4	2.5	(67.5–77.4)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	973	66.5	2.0	(62.6–70.3)
Raleigh-Cary, North Carolina	104	77.1	4.7	(67.9–86.4)
Rapid City, South Dakota	205	71.3	3.4	(64.8–77.8)
Reno-Sparks, Nevada	197	80.3	3.1	(74.4–86.3)
Richmond, Virginia	139	58.7	4.8	(49.1–68.4)
Rockingham County-Strafford County, New Hampshire¶	256	71.1	3.1	(65.0–77.3)
St. Louis, Missouri-Illinois	195	58.8	3.9	(51.2–66.4)
Salt Lake City, Utah	219	69.0	4.0	(61.1–76.9)
San Francisco-Oakland-Fremont, California	110	NA	NA	NA
Seaford, Delaware	334	69.7	2.7	(64.5–74.9)
Seattle-Bellevue-Everett, Washington¶	717	69.0	2.0	(65.0–73.0)
Shreveport-Bossier City, Louisiana	107	NA	NA	NA
Sioux Falls, South Dakota	165	61.4	4.0	(53.5–69.4)
Spokane, Washington	227	68.9	3.3	(62.3–75.5)
Springfield, Massachusetts	195	75.5	4.0	(67.6–83.3)
Suffolk County-Nassau County, New York¶	139	72.3	4.2	(64.1–80.6)
Tacoma, Washington¶	266	66.2	3.3	(59.7–72.6)
Topeka, Kansas	134	53.8	4.7	(44.6–63.1)
Trenton-Ewing, New Jersey	105	NA	NA	NA
Tucson, Arizona	210	70.4	3.5	(63.6–77.3)
Tulsa, Oklahoma	502	66.4	2.4	(61.7–71.1)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	207	58.6	4.6	(49.6–67.7)
Warren-Farmington Hills-Troy, Michigan¶	167	68.1	3.9	(60.4–75.8)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia¶	565	59.5	3.5	(52.5–66.5)
Wenatchee, Washington	114	64.9	4.9	(55.2–74.6)
Wichita, Kansas	199	66.0	3.6	(58.9–73.1)
Wilmington, Delaware-Maryland-New Jersey¶	262	62.9	3.3	(56.4–69.4)
Worcester, Massachusetts	195	73.2	4.5	(64.4–82.1)
Yakima, Washington	161	64.4	4.4	(56.1–72.8)

* Standard error.

† Confidence interval.

§ Estimate not available (NA) if the unweighted sample size for the denominator was <50 or (CI half width) >10.

¶ Metropolitan division.

TABLE 43. Estimated prevalence of persons aged ≥ 65 years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	116	62.4	4.9	(52.9–72.0)
Anchorage Municipality, Alaska	54	NA [§]	NA	NA
Fairbanks North Star Borough, Alaska	49	NA	NA	NA
Maricopa County, Arizona	194	65.5	4.0	(57.7–73.4)
Pima County, Arizona	210	70.4	3.5	(63.5–77.3)
Pulaski County, Arkansas	127	62.3	4.7	(53.1–71.5)
Los Angeles County, California	151	62.6	5.0	(52.9–72.4)
Adams County, Colorado	33	NA	NA	NA
Arapahoe County, Colorado	74	NA	NA	NA
Denver County, Colorado	100	NA	NA	NA
Jefferson County, Colorado	84	NA	NA	NA
Fairfield County, Connecticut	229	55.9	3.7	(48.6–63.2)
Hartford County, Connecticut	267	67.5	3.2	(61.2–73.7)
Middlesex County, Connecticut	68	NA	NA	NA
New Haven County, Connecticut	225	64.5	3.5	(57.6–71.4)
Tolland County, Connecticut	39	NA	NA	NA
Kent County, Delaware	227	65.9	3.6	(58.9–72.9)
New Castle County, Delaware	218	66.1	3.5	(59.3–73.0)
Sussex County, Delaware	334	69.7	2.7	(64.5–74.9)
District of Columbia	315	49.2	3.4	(42.6–55.9)
DeKalb County, Georgia	30	NA	NA	NA
Fulton County, Georgia	40	NA	NA	NA
Richmond County, Georgia	53	NA	NA	NA
Hawaii County, Hawaii	215	60.3	3.8	(52.7–67.8)
Honolulu County, Hawaii	458	70.7	2.6	(65.7–75.7)
Maui County, Hawaii	115	NA	NA	NA
Ada County, Idaho	112	71.0	4.8	(61.5–80.5)
Canyon County, Idaho	76	NA	NA	NA
Cook County, Illinois	326	49.5	3.2	(43.2–55.8)
DuPage County, Illinois	52	NA	NA	NA
Lake County, Illinois	28	NA	NA	NA
Lake County, Indiana	53	NA	NA	NA
Marion County, Indiana	132	69.9	4.4	(61.3–78.4)
Polk County, Iowa	115	73.4	4.4	(64.8–82.1)
Johnson County, Kansas	117	NA	NA	NA
Sedgwick County, Kansas	135	68.2	4.2	(60.0–76.4)
Shawnee County, Kansas	112	NA	NA	NA
Jefferson County, Kentucky	89	NA	NA	NA
Caddo Parish, Louisiana	66	NA	NA	NA
East Baton Rouge Parish, Louisiana	74	NA	NA	NA
Jefferson Parish, Louisiana	87	NA	NA	NA
Orleans Parish, Louisiana	78	NA	NA	NA
Cumberland County, Maine	77	NA	NA	NA
York County, Maine	61	NA	NA	NA
Anne Arundel County, Maryland	62	NA	NA	NA
Baltimore County, Maryland	99	NA	NA	NA
Frederick County, Maryland	41	NA	NA	NA
Montgomery County, Maryland	94	NA	NA	NA
Prince George's County, Maryland	58	NA	NA	NA
Baltimore city, Maryland	57	NA	NA	NA
Bristol County, Massachusetts	161	NA	NA	NA
Essex County, Massachusetts	150	63.5	4.8	(54.1–72.9)
Hampden County, Massachusetts	156	78.9	4.4	(70.2–87.6)
Middlesex County, Massachusetts	214	71.5	3.6	(64.4–78.6)
Norfolk County, Massachusetts	100	70.0	5.0	(60.2–79.9)
Plymouth County, Massachusetts	74	NA	NA	NA
Suffolk County, Massachusetts	115	61.4	5.1	(51.4–71.3)
Worcester County, Massachusetts	195	73.2	4.5	(64.4–82.0)
Oakland County, Michigan	91	NA	NA	NA
Wayne County, Michigan	111	NA	NA	NA
Dakota County, Minnesota	33	NA	NA	NA
Hennepin County, Minnesota	157	78.9	3.5	(72.0–85.8)
Ramsey County, Minnesota	71	NA	NA	NA

TABLE 43. (Continued) Estimated prevalence of persons aged ≥ 65 years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	79	NA	NA	NA
Jackson County, Missouri	86	NA	NA	NA
St. Louis County, Missouri	73	NA	NA	NA
Douglas County, Nebraska	233	65.2	3.5	(58.2–72.1)
Lancaster County, Nebraska	143	73.2	3.9	(65.5–80.8)
Sarpy County, Nebraska	44	NA	NA	NA
Clark County, Nevada	169	56.3	4.3	(47.9–64.7)
Washoe County, Nevada	195	80.2	3.1	(74.2–86.2)
Grafton County, New Hampshire	80	NA	NA	NA
Hillsborough County, New Hampshire	202	67.4	3.5	(60.6–74.2)
Merrimack County, New Hampshire	97	NA	NA	NA
Rockingham County, New Hampshire	193	73.7	3.4	(67.1–80.4)
Strafford County, New Hampshire	63	NA	NA	NA
Bergen County, New Jersey	250	59.0	3.5	(52.2–65.8)
Burlington County, New Jersey	155	77.1	3.7	(69.8–84.4)
Camden County, New Jersey	144	66.7	4.4	(58.0–75.4)
Essex County, New Jersey	164	50.6	4.5	(41.7–59.4)
Gloucester County, New Jersey	78	NA	NA	NA
Hudson County, New Jersey	100	NA	NA	NA
Mercer County, New Jersey	105	NA	NA	NA
Middlesex County, New Jersey	188	65.4	4.3	(57.1–73.7)
Monmouth County, New Jersey	175	64.9	4.0	(57.1–72.7)
Morris County, New Jersey	137	57.4	4.7	(48.1–66.6)
Ocean County, New Jersey	260	69.7	3.2	(63.4–76.0)
Passaic County, New Jersey	114	NA	NA	NA
Somerset County, New Jersey	92	NA	NA	NA
Union County, New Jersey	126	58.1	5.0	(48.3–67.8)
Bernalillo County, New Mexico	234	73.8	3.1	(67.8–79.8)
Dona Ana County, New Mexico	114	59.3	5.0	(49.5–69.1)
Sandoval County, New Mexico	54	NA	NA	NA
Kings County, New York	76	NA	NA	NA
Nassau County, New York	67	81.2	5.0	(71.4–91.0)
New York County, New York	92	NA	NA	NA
Queens County, New York	60	NA	NA	NA
Suffolk County, New York	72	NA	NA	NA
Westchester County, New York	65	NA	NA	NA
Buncombe County, North Carolina	129	72.1	4.3	(63.7–80.6)
Guilford County, North Carolina	99	75.0	4.5	(66.2–83.9)
Mecklenburg County, North Carolina	76	74.4	5.0	(64.6–84.3)
Orange County, North Carolina	69	NA	NA	NA
Wake County, North Carolina	59	NA	NA	NA
Cass County, North Dakota	75	NA	NA	NA
Cuyahoga County, Ohio	97	NA	NA	NA
Franklin County, Ohio	62	NA	NA	NA
Hamilton County, Ohio	96	NA	NA	NA
Lorain County, Ohio	98	NA	NA	NA
Cleveland County, Oklahoma	60	NA	NA	NA
Oklahoma County, Oklahoma	326	65.4	3.0	(59.5–71.3)
Tulsa County, Oklahoma	352	67.1	2.8	(61.6–72.6)
Clackamas County, Oregon	76	NA	NA	NA
Multnomah County, Oregon	129	NA	NA	NA
Washington County, Oregon	78	78.6	4.9	(68.9–88.2)
Allegheny County, Pennsylvania	76	NA	NA	NA
Philadelphia County, Pennsylvania	62	NA	NA	NA
Kent County, Rhode Island	121	64.6	4.7	(55.4–73.8)
Newport County, Rhode Island	76	NA	NA	NA
Providence County, Rhode Island	491	69.7	2.4	(65.0–74.5)
Washington County, Rhode Island	87	NA	NA	NA
Charleston County, South Carolina	92	NA	NA	NA
Greenville County, South Carolina	110	60.8	4.9	(51.1–70.5)
Lexington County, South Carolina	63	NA	NA	NA
Richland County, South Carolina	68	NA	NA	NA
York County, South Carolina	54	NA	NA	NA

TABLE 43. (Continued) Estimated prevalence of persons aged ≥ 65 years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	129	57.3	4.7	(48.2–66.5)
Pennington County, South Dakota	169	70.1	3.8	(62.6–77.6)
Shelby County, Tennessee	62	NA	NA	NA
Dallas County, Texas	83	NA	NA	NA
Harris County, Texas	97	NA	NA	NA
Salt Lake County, Utah	155	69.7	4.3	(61.3–78.1)
Summit County, Utah	24	NA	NA	NA
Tooele County, Utah	40	NA	NA	NA
Weber County, Utah	44	NA	NA	NA
Chittenden County, Vermont	146	71.6	4.0	(63.8–79.5)
Franklin County, Vermont	53	NA	NA	NA
Windsor County, Vermont	104	NA	NA	NA
Benton County, Washington	65	NA	NA	NA
Chelan County, Washington	76	NA	NA	NA
Clark County, Washington	168	74.9	3.6	(67.8–82.0)
Franklin County, Washington	31	NA	NA	NA
King County, Washington	486	70.9	2.3	(66.4–75.4)
Kitsap County, Washington	170	69.8	3.9	(62.1–77.6)
Pierce County, Washington	266	65.9	3.2	(59.6–72.2)
Snohomish County, Washington	231	64.0	3.6	(56.9–71.1)
Spokane County, Washington	227	68.9	3.3	(62.4–75.5)
Thurston County, Washington	136	69.5	4.4	(60.8–78.1)
Yakima County, Washington	161	64.4	4.4	(55.9–73.0)
Kanawha County, West Virginia	83	NA	NA	NA
Milwaukee County, Wisconsin	175	70.5	4.9	(60.8–80.1)
Laramie County, Wyoming	133	75.1	4.0	(67.3–83.0)
Natrona County, Wyoming	123	80.5	3.9	(72.9–88.1)

* Standard error.

† Confidence interval.

§ Estimate not available (NA) if the unweighted sample size for the denominator was <50 or (CI half width) >10.

TABLE 44. Estimated prevalence of persons who never had their cholesterol checked, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	3,279	23.7	1.0	(21.7–25.6)
Alaska	2,588	26.0	1.2	(23.5–28.4)
Arizona	3,176	25.2 ¹	1.3	(22.5–27.8)
Arkansas	4,091	24.9	0.8	(23.2–26.5)
California	4,436	25.2	0.8	(23.5–26.8)
Colorado	3,985	23.8	0.9	(22.1–25.4)
Connecticut	5,234	16.4	0.7	(15.1–17.6)
Delaware	3,990	17.5	0.9	(15.7–19.2)
District of Columbia	1,999	15.4	1.1	(13.1–17.6)
Florida	4,963	18.4	0.9	(16.5–20.2)
Georgia	7,451	20.9	0.7	(19.4–22.3)
Hawaii	4,289	24.9	0.9	(23.1–26.6)
Idaho	4,852	26.2	0.8	(24.6–27.7)
Illinois	5,198	25.5	0.8	(24.0–26.9)
Indiana	5,359	23.2	0.7	(21.8–24.5)
Iowa	4,924	23.5	0.8	(21.9–25.0)
Kansas	4,520	26.0	0.8	(24.3–27.6)
Kentucky	7,461	23.0	0.8	(21.3–24.6)
Louisiana	4,972	26.0	0.8	(24.4–27.5)
Maine	2,352	17.3	1.0	(15.3–19.2)
Maryland	4,366	17.5	0.8	(15.8–19.1)
Massachusetts	7,463	14.8	0.6	(13.6–15.9)
Michigan	3,495	20.5	0.9	(18.7–22.2)
Minnesota	3,766	18.3	0.8	(16.7–19.8)
Mississippi	4,296	25.9	0.9	(24.2–27.5)
Missouri	4,178	23.6	1.0	(21.7–25.4)
Montana	3,958	24.2	1.0	(22.2–26.1)
Nebraska	4,895	26.5	0.8	(24.9–28.0)
Nevada	2,872	26.7	1.3	(24.2–29.1)
New Hampshire	4,963	16.3	0.7	(14.9–17.6)
New Jersey	11,152	18.6	0.5	(17.5–19.6)
New Mexico	5,405	27.6	0.8	(26.0–29.1)
New York	5,449	20.1	0.7	(18.6–21.5)
North Carolina	9,232	22.1	0.8	(20.5–23.6)
North Dakota	2,956	24.9	1.0	(22.9–26.8)
Ohio	3,752	22.1	0.9	(20.3–23.8)
Oklahoma	7,416	24.4	0.7	(23.1–25.6)
Oregon	3,913	25.1	0.9	(23.3–26.8)
Pennsylvania	3,589	20.3	0.8	(18.6–21.9)
Rhode Island	3,963	15.0	0.8	(13.4–16.5)
South Carolina	5,802	18.9	0.7	(17.5–20.2)
South Dakota	5,166	26.5	0.8	(24.8–28.1)
Tennessee	2,528	21.1	1.1	(18.9–23.2)
Texas	5,923	27.6	0.7	(26.1–29.0)
Utah	3,939	29.5	1.1	(27.4–31.5)
Vermont	4,178	17.7	0.8	(16.1–19.2)
Virginia	5,350	17.7	0.8	(16.1–19.2)
Washington	18,218	22.3	0.4	(21.4–23.1)
West Virginia	3,267	20.4	0.9	(18.6–22.1)
Wisconsin	3,995	20.7	0.9	(18.9–22.4)
Wyoming	3,931	22.3	0.8	(20.6–23.9)
Guam	795	29.5	1.9	(25.6–33.3)
Puerto Rico	4,131	14.9	0.8	(13.2–16.5)
U.S. Virgin Islands	2,033	23.9	1.4	(21.2–26.5)

*Standard error.

†Confidence interval.

TABLE 45. Estimated prevalence of persons who never had their cholesterol checked, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	1,644	26.1	1.4	(23.4–28.8)
Anchorage, Alaska	543	23.1	2.1	(19.0–27.3)
Asheville, North Carolina	636	19.5	2.3	(15.0–23.9)
Atlanta-Sandy Springs-Marietta, Georgia	2,124	19.4	1.2	(17.1–21.8)
Augusta-Richmond County, Georgia-South Carolina	753	20.5	1.9	(16.8–24.2)
Baltimore-Towson, Maryland	1,665	16.7	1.1	(14.5–18.9)
Baton Rouge, Louisiana	777	27.1	1.9	(23.3–30.9)
Bethesda-Frederick-Gaithersburg, Maryland§	944	16.3	1.7	(12.9–19.7)
Birmingham-Hoover, Alabama	857	23.5	1.8	(19.9–27.0)
Boise City-Nampa, Idaho	1,166	24.7	1.5	(21.7–27.7)
Boston-Quincy, Massachusetts§	1,893	15.8	1.1	(13.7–18.0)
Bremerton-Silverdale, Washington	865	18.7	1.7	(15.4–22.0)
Bridgeport-Stamford-Norwalk, Connecticut	1,185	14.3	1.3	(11.7–16.9)
Burlington-South Burlington, Vermont	1,237	16.6	1.5	(13.7–19.6)
Cambridge-Newton-Framingham, Massachusetts§	1,348	14.0	1.2	(11.6–16.4)
Camden, New Jersey§	1,603	18.2	1.3	(15.5–20.8)
Casper, Wyoming	516	24.9	2.4	(20.3–29.5)
Charleston, West Virginia	609	19.6	2.0	(15.7–23.4)
Charleston-North Charleston, South Carolina	738	20.3	1.9	(16.6–24.1)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	896	21.4	2.1	(17.4–25.4)
Cheyenne, Wyoming	640	19.6	1.9	(15.9–23.3)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,505	24.0	0.9	(22.2–25.8)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,332	24.4	1.8	(20.9–27.8)
Cleveland-Elyria-Mentor, Ohio	989	18.2	1.8	(14.7–21.7)
Columbia, South Carolina	963	19.8	1.8	(16.3–23.3)
Columbus, Ohio	591	23.8	2.1	(19.7–28.1)
Concord, New Hampshire	574	19.0	2.0	(15.2–22.9)
Dallas-Plano-Irving, Texas§	891	25.6	1.9	(21.9–29.3)
Denver-Aurora, Colorado	1,873	23.5	1.2	(21.1–25.9)
Des Moines, Iowa	841	21.1	1.7	(17.7–24.5)
Detroit-Livonia-Dearborn, Michigan§	515	19.5	2.3	(14.9–24.1)
Dover, Delaware	1,334	18.1	1.4	(15.4–20.8)
Durham, North Carolina	750	22.1	3.6	(15.0–29.1)
Edison, New Jersey§	3,030	16.8	0.9	(14.9–18.6)
Essex County, Massachusetts§	797	10.4	1.4	(7.7–13.1)
Fairbanks, Alaska	506	24.4	2.2	(20.1–28.7)
Fargo, North Dakota-Minnesota	538	23.0	2.6	(18.0–28.1)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	519	25.2	2.5	(20.4–30.1)
Greensboro-High Point, North Carolina	544	20.0	2.6	(14.9–25.1)
Greenville, South Carolina	779	19.3	1.9	(15.6–23.1)
Hartford-West Hartford-East Hartford, Connecticut	1,904	17.3	1.1	(15.2–19.5)
Hilo, Hawaii	958	25.1	1.8	(21.5–28.6)
Honolulu, Hawaii	2,221	23.7	1.1	(21.5–25.8)
Houston-Baytown-Sugar Land, Texas	1,167	27.1	1.7	(23.7–30.5)
Huntington-Ashland, West Virginia-Kentucky-Ohio	537	22.5	2.7	(17.3–27.7)
Indianapolis, Indiana	1,404	20.7	1.3	(18.2–23.2)
Jackson, Mississippi	716	23.8	2.0	(19.9–27.6)
Kahului-Wailuku, Hawaii	692	30.8	2.4	(26.2–35.5)
Kansas City, Missouri-Kansas	1,798	22.7	1.4	(19.9–25.5)
Kennewick-Richland-Pasco, Washington	600	22.3	2.1	(18.2–26.5)
Las Cruces, New Mexico	535	30.9	2.5	(26.1–35.8)
Las Vegas-Paradise, Nevada	949	26.9	1.7	(23.5–30.3)
Lebanon, New Hampshire-Vermont	1,023	20.4	1.9	(16.8–24.1)
Lincoln, Nebraska	784	25.4	2.0	(21.6–29.3)
Little Rock-North Little Rock, Arkansas	905	23.9	1.8	(20.5–27.4)
Los Angeles-Long Beach-Glendale, California§	976	22.2	1.8	(18.8–25.7)
Louisville, Kentucky-Indiana	798	23.2	1.9	(19.4–27.0)
Manchester-Nashua, New Hampshire	1,348	15.1	1.3	(12.6–17.7)
Memphis, Tennessee-Mississippi-Arkansas	695	24.9	2.5	(20.0–29.9)
Miami-Fort Lauderdale-Miami Beach, Florida	575	16.1	2.0	(12.2–19.9)
Milwaukee-Waukesha-West Allis, Wisconsin	1,285	21.3	1.9	(17.6–25.0)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,145	17.4	1.0	(15.3–19.4)
Nashville-Davidson-Murfreesboro, Tennessee	579	19.8	2.1	(15.7–23.9)

TABLE 45. (Continued) Estimated prevalence of persons who never had their cholesterol checked, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Newark-Union, New Jersey-Pennsylvania§	2,715	20.1	1.3	(17.6–22.5)
New Haven-Milford, Connecticut	1,159	17.0	1.5	(14.1–19.9)
New Orleans-Metairie-Kenner, Louisiana	1,191	24.5	1.6	(21.3–27.7)
New York-Wayne-White Plains, New York-New Jersey§	4,354	20.9	1.0	(18.9–22.8)
Ogden-Clearfield, Utah	514	25.3	2.3	(20.8–29.9)
Oklahoma City, Oklahoma	2,228	24.5	1.2	(22.2–26.8)
Olympia, Washington	691	19.5	1.8	(15.9–23.0)
Omaha-Council Bluffs, Nebraska-Iowa	1,955	23.5	1.2	(21.2–25.8)
Philadelphia, Pennsylvania§	913	16.9	1.5	(13.9–20.0)
Phoenix-Mesa-Scottsdale, Arizona	1,035	25.2	2.0	(21.3–29.2)
Pittsburgh, Pennsylvania	725	20.6	1.8	(17.0–24.1)
Portland-South Portland, Maine	855	15.8	1.6	(12.6–18.9)
Portland-Vancouver-Beaverton, Oregon-Washington	2,861	24.2	1.1	(21.9–26.4)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,834	14.6	0.8	(13.1–16.1)
Raleigh-Cary, North Carolina	634	19.6	2.3	(15.1–24.1)
Rapid City, South Dakota	901	25.3	1.7	(21.9–28.7)
Reno-Sparks, Nevada	982	26.9	1.7	(23.6–30.2)
Richmond, Virginia	800	16.1	1.7	(12.8–19.5)
Rockingham County-Strafford County, New Hampshire§	1,509	15.3	1.2	(12.8–17.7)
St. Louis, Missouri-Illinois	942	22.1	1.6	(18.9–25.3)
Salt Lake City, Utah	1,502	28.1	1.6	(24.9–31.3)
San Francisco-Oakland-Fremont, California	576	22.6	2.3	(18.1–27.1)
Seaford, Delaware	1,257	14.4	1.3	(11.8–16.9)
Seattle-Bellevue-Everett, Washington§	4380	21.5	0.8	(19.9–23.1)
Shreveport-Bossier City, Louisiana	489	22.6	2.3	(18.2–27.0)
Sioux Falls, South Dakota	781	28.4	2.1	(24.3–32.5)
Spokane, Washington	1,102	24.2	1.6	(21.1–27.2)
Springfield, Massachusetts	1,032	18.6	2.0	(14.8–22.5)
Suffolk County-Nassau County, New York§	717	15.3	1.9	(11.6–18.9)
Tacoma, Washington§	1,479	20.5	1.4	(17.8–23.2)
Topeka, Kansas	505	20.9	2.2	(16.6–25.2)
Trenton-Ewing, New Jersey	511	19.1	2.6	(14.1–24.1)
Tucson, Arizona	732	23.9	2.2	(19.7–28.1)
Tulsa, Oklahoma	1,957	22.9	1.3	(20.3–25.5)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,143	20.6	1.9	(16.9–24.4)
Warren-Farmington Hills-Troy, Michigan§	744	18.4	1.8	(14.9–21.9)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia§	3,763	15.3	1.3	(12.7–17.9)
Wenatchee, Washington	516	25.3	2.3	(20.8–29.7)
Wichita, Kansas	825	24.7	2.0	(20.9–28.6)
Wilmington, Delaware-Maryland-New Jersey§	1,618	18.5	1.2	(16.1–20.9)
Worcester, Massachusetts	1,084	15.7	1.7	(12.4–18.9)
Yakima, Washington	677	32.6	2.3	(28.2–37.1)

* Standard error.

† Confidence interval.

§ Metropolitan division.

TABLE 46. Estimated prevalence of persons who never had their cholesterol checked, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	516	23.4	2.4	(18.8–28.0)
Anchorage Municipality, Alaska	423	24.7	2.4	(20.0–29.5)
Fairbanks North Star Borough, Alaska	506	24.4	2.2	(20.1–28.7)
Maricopa County, Arizona	862	25.1	2.0	(21.2–29.0)
Pima County, Arizona	732	23.9	2.2	(19.7–28.1)
Pulaski County, Arkansas	568	22.5	2.1	(18.3–26.6)
Los Angeles County, California	976	22.2	1.8	(18.8–25.7)
Adams County, Colorado	272	34.4	3.5	(27.5–41.2)
Arapahoe County, Colorado	411	19.6	2.8	(14.1–25.1)
Denver County, Colorado	448	25.8	2.7	(20.6–31.1)
Jefferson County, Colorado	489	19.4	2.1	(15.2–23.6)
Fairfield County, Connecticut	1,185	14.3	1.3	(11.7–16.9)
Hartford County, Connecticut	1,376	16.5	1.2	(14.1–18.9)
Middlesex County, Connecticut	275	17.7	2.7	(12.4–23.0)
New Haven County, Connecticut	1,159	17.0	1.5	(14.1–19.9)
Tolland County, Connecticut	253	20.0	3.4	(13.4–26.7)
Kent County, Delaware	1,334	18.1	1.4	(15.4–20.8)
New Castle County, Delaware	1,399	18.4	1.3	(15.9–20.9)
Sussex County, Delaware	1,257	14.4	1.3	(11.8–16.9)
District of Columbia,	1,999	15.4	1.1	(13.2–17.6)
DeKalb County, Georgia	248	16.9	3.3	(10.5–23.3)
Fulton County, Georgia	268	24.4	3.5	(17.6–31.3)
Richmond County, Georgia	277	23.5	3.4	(16.8–30.2)
Hawaii County, Hawaii	958	25.1	1.8	(21.5–28.6)
Honolulu County, Hawaii	2,221	23.7	1.1	(21.5–25.8)
Maui County, Hawaii	692	30.8	2.4	(26.2–35.5)
Ada County, Idaho	611	22.2	2.0	(18.2–26.1)
Canyon County, Idaho	428	30.7	2.5	(25.7–35.7)
Cook County, Illinois	1,835	25.1	1.3	(22.6–27.7)
DuPage County, Illinois	344	18.3	2.7	(13.0–23.5)
Lake County, Illinois	256	21.3	3.0	(15.5–27.1)
Lake County, Indiana	297	24.9	2.8	(19.3–30.5)
Marion County, Indiana	762	24.1	1.9	(20.4–27.7)
Polk County, Iowa	602	20.6	2.1	(16.6–24.7)
Johnson County, Kansas	739	21.0	1.7	(17.7–24.4)
Sedgwick County, Kansas	611	24.9	2.3	(20.5–29.4)
Shawnee County, Kansas	422	20.7	2.4	(16.0–25.3)
Jefferson County, Kentucky	385	21.8	2.7	(16.6–27.0)
Caddo Parish, Louisiana	313	24.1	2.9	(18.5–29.7)
East Baton Rouge Parish, Louisiana	428	27.1	2.7	(21.7–32.4)
Jefferson Parish, Louisiana	388	21.9	2.8	(16.4–27.3)
Orleans Parish, Louisiana	404	26.2	2.8	(20.7–31.7)
Cumberland County, Maine	464	15.8	2.2	(11.5–20.1)
York County, Maine	318	15.5	2.5	(10.5–20.5)
Anne Arundel County, Maryland	342	14.6	2.4	(9.9–19.3)
Baltimore County, Maryland	493	16.9	2.0	(13.0–20.8)
Frederick County, Maryland	339	13.2	2.2	(8.9–17.6)
Montgomery County, Maryland	605	17.2	2.0	(13.3–21.0)
Prince George's County, Maryland	412	19.5	2.7	(14.3–24.7)
Baltimore city, Maryland	316	17.6	2.7	(12.4–22.8)
Bristol County, Massachusetts	871	14.0	1.7	(10.8–17.3)
Essex County, Massachusetts	797	10.4	1.4	(7.7–13.2)
Hampden County, Massachusetts	774	17.4	2.2	(13.1–21.7)
Middlesex County, Massachusetts	1,348	13.7	1.2	(11.3–16.1)
Norfolk County, Massachusetts	508	13.3	1.8	(9.7–16.8)
Plymouth County, Massachusetts	391	10.5	1.8	(7.0–13.9)
Suffolk County, Massachusetts	994	20.6	1.8	(17.1–24.0)
Worcester County, Massachusetts	1,084	15.7	1.7	(12.4–18.9)
Oakland County, Michigan	388	13.8	2.1	(9.7–17.9)
Wayne County, Michigan	515	19.5	2.3	(14.9–24.0)
Dakota County, Minnesota	258	12.8	2.4	(8.1–17.4)
Hennepin County, Minnesota	804	17.2	1.6	(14.0–20.4)
Ramsey County, Minnesota	345	19.5	3.1	(13.4–25.6)

TABLE 46. (Continued) Estimated prevalence of persons who never had their cholesterol checked, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	366	22.8	2.8	(17.3–28.3)
Jackson County, Missouri	353	20.3	2.6	(15.3–25.3)
St. Louis County, Missouri	314	16.6	2.5	(11.7–21.4)
Douglas County, Nebraska	1,167	26.0	1.6	(22.9–29.1)
Lancaster County, Nebraska	728	24.7	2.0	(20.8–28.6)
Sarpy County, Nebraska	294	24.0	3.0	(18.2–29.8)
Clark County, Nevada	949	26.9	1.7	(23.5–30.3)
Washoe County, Nevada	968	26.9	1.7	(23.6–30.1)
Grafton County, New Hampshire	366	18.5	2.7	(13.2–23.8)
Hillsborough County, New Hampshire	1,348	15.1	1.3	(12.6–17.7)
Merrimack County, New Hampshire	574	19.0	2.0	(15.2–22.9)
Rockingham County, New Hampshire	1,064	13.6	1.4	(11.0–16.3)
Strafford County, New Hampshire	445	17.3	2.3	(12.7–21.9)
Bergen County, New Jersey	1,112	14.4	1.4	(11.5–17.2)
Burlington County, New Jersey	596	14.3	1.9	(10.6–17.9)
Camden County, New Jersey	638	20.5	2.1	(16.3–24.6)
Essex County, New Jersey	879	21.4	1.9	(17.8–25.1)
Gloucester County, New Jersey	369	17.5	2.6	(12.5–22.5)
Hudson County, New Jersey	587	23.7	2.2	(19.4–27.9)
Mercer County, New Jersey	511	19.1	2.6	(14.1–24.1)
Middlesex County, New Jersey	976	17.8	1.5	(14.7–20.8)
Monmouth County, New Jersey	806	15.1	1.8	(11.7–18.6)
Morris County, New Jersey	723	12.0	1.6	(8.9–15.2)
Ocean County, New Jersey	779	15.8	1.7	(12.4–19.2)
Passaic County, New Jersey	551	20.2	2.3	(15.7–24.8)
Somerset County, New Jersey	469	15.2	2.3	(10.8–19.7)
Union County, New Jersey	658	19.4	1.9	(15.7–23.0)
Bernalillo County, New Mexico	1,080	26.4	1.7	(23.1–29.6)
Dona Ana County, New Mexico	535	30.9	2.5	(26.1–35.8)
Sandoval County, New Mexico	302	19.0	2.8	(13.5–24.4)
Kings County, New York	490	22.1	2.3	(17.6–26.5)
Nassau County, New York	325	14.1	2.7	(8.8–19.4)
New York County, New York	515	21.0	2.4	(16.2–25.8)
Queens County, New York	403	22.0	2.5	(17.0–27.0)
Suffolk County, New York	392	14.6	2.3	(10.1–19.1)
Westchester County, New York	251	15.3	2.8	(9.7–20.8)
Buncombe County, North Carolina	442	19.4	2.5	(14.5–24.2)
Guilford County, North Carolina	436	17.6	2.6	(12.6–22.7)
Mecklenburg County, North Carolina	435	24.1	2.9	(18.5–29.7)
Orange County, North Carolina	434	26.6	3.2	(20.3–32.9)
Wake County, North Carolina	445	19.2	2.5	(14.2–24.2)
Cass County, North Dakota	488	29.6	2.6	(24.5–34.7)
Cuyahoga County, Ohio	422	19.8	2.5	(15.0–24.6)
Franklin County, Ohio	455	24.8	2.4	(20.1–29.5)
Hamilton County, Ohio	519	19.4	2.2	(15.1–23.6)
Lorain County, Ohio	469	22.6	3.2	(16.4–28.8)
Cleveland County, Oklahoma	354	26.8	2.9	(21.1–32.5)
Oklahoma County, Oklahoma	1,316	25.1	1.5	(22.1–28.1)
Tulsa County, Oklahoma	1,368	22.5	1.6	(19.4–25.5)
Clackamas County, Oregon	341	21.2	2.9	(15.5–26.9)
Multnomah County, Oregon	705	27.6	2.1	(23.5–31.8)
Washington County, Oregon	470	21.9	2.2	(17.6–26.3)
Allegheny County, Pennsylvania	366	20.4	2.4	(15.6–25.1)
Philadelphia County, Pennsylvania	321	18.2	2.7	(13.0–23.4)
Kent County, Rhode Island	561	13.5	1.7	(10.1–16.9)
Newport County, Rhode Island	331	15.0	2.6	(9.8–20.1)
Providence County, Rhode Island	2,449	15.7	1.0	(13.7–17.6)
Washington County, Rhode Island	454	11.9	2.3	(7.4–16.4)
Charleston County, South Carolina	435	19.7	2.4	(15.1–24.4)
Greenville County, South Carolina	520	15.1	2.0	(11.2–19.0)
Lexington County, South Carolina	321	22.3	3.1	(16.2–28.4)
Richland County, South Carolina	472	18.2	2.5	(13.3–23.1)
York County, South Carolina	285	16.5	2.5	(11.6–21.4)

TABLE 46. (Continued) Estimated prevalence of persons who never had their cholesterol checked, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	604	30.6	2.5	(25.8–35.4)
Pennington County, South Dakota	710	25.4	2.0	(21.6–29.2)
Shelby County, Tennessee	327	24.7	3.1	(18.6–30.8)
Dallas County, Texas	552	29.3	2.5	(24.4–34.2)
Harris County, Texas	785	29.1	2.2	(24.8–33.4)
Salt Lake County, Utah	994	28.0	1.7	(24.6–31.4)
Summit County, Utah	249	22.6	3.5	(15.8–29.4)
Tooele County, Utah	259	31.5	3.4	(25.0–38.1)
Weber County, Utah	266	25.0	3.1	(18.9–31.1)
Chittenden County, Vermont	907	14.7	1.6	(11.5–17.8)
Franklin County, Vermont	276	20.2	3.2	(13.9–26.5)
Windsor County, Vermont	425	19.2	2.4	(14.5–23.9)
Benton County, Washington	350	18.3	2.5	(13.5–23.2)
Chelan County, Washington	278	24.0	3.0	(18.1–29.8)
Clark County, Washington	985	20.3	1.6	(17.3–23.4)
Franklin County, Washington	250	34.6	3.8	(27.1–42.0)
King County, Washington	2,952	20.7	0.9	(18.8–22.5)
Kitsap County, Washington	865	18.7	1.7	(15.4–22.0)
Pierce County, Washington	1,479	20.3	1.4	(17.6–23.0)
Snohomish County, Washington	1,428	22.0	1.3	(19.3–24.6)
Spokane County, Washington	1,102	24.2	1.6	(21.1–27.2)
Thurston County, Washington	691	19.5	1.8	(15.9–23.0)
Yakima County, Washington	677	32.6	2.3	(28.2–37.1)
Kanawha County, West Virginia	397	16.8	2.3	(12.3–21.3)
Milwaukee County, Wisconsin	1,004	25.4	2.5	(20.6–30.2)
Laramie County, Wyoming	640	19.6	1.9	(15.9–23.3)
Natrona County, Wyoming	516	24.9	2.4	(20.3–29.5)

* Standard error.

† Confidence interval.

TABLE 47. Estimated prevalence of persons who had their cholesterol checked, but not during the preceding 5 years, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	3,243	2.7	0.3	(2.1–3.2)
Alaska	2,553	6.2	0.6	(4.9–7.4)
Arizona	3,154	4.1	0.5	(3.1–5.0)
Arkansas	4,052	4.2	0.4	(3.4–4.9)
California	4,423	4.0	0.3	(3.3–4.7)
Colorado	3,941	4.8	0.4	(4.0–5.5)
Connecticut	5,201	3.2	0.3	(2.7–3.6)
Delaware	3,965	4.4	0.4	(3.5–5.2)
District of Columbia	1,982	3.2	0.4	(2.3–4.0)
Florida	4,919	1.5	0.2	(1.0–1.9)
Georgia	7,349	3.7	0.3	(3.0–4.3)
Hawaii	4,257	2.4	0.3	(1.8–2.9)
Idaho	4,806	6.1	0.4	(5.3–6.8)
Illinois	5,146	3.9	0.3	(3.3–4.4)
Indiana	5,324	4.6	0.3	(3.9–5.2)
Iowa	4,852	4.9	0.4	(4.2–5.5)
Kansas	4,479	4.0	0.3	(3.3–4.6)
Kentucky	7,302	2.8	0.3	(2.2–3.3)
Louisiana	4,878	2.3	0.2	(1.8–2.7)
Maine	2,315	5.0	0.5	(3.9–6.0)
Maryland	4,326	3.6	0.3	(2.9–4.2)
Massachusetts	7,378	3.3	0.3	(2.7–3.8)
Michigan	3,451	4.2	0.4	(3.4–4.9)
Minnesota	3,736	4.8	0.4	(3.9–5.6)
Mississippi	4,211	3.3	0.3	(2.7–3.8)
Missouri	4,140	4.7	0.4	(3.8–5.5)
Montana	3,914	5.4	0.5	(4.5–6.3)
Nebraska	4,811	4.0	0.3	(3.4–4.6)
Nevada	2,851	5.3	0.6	(4.1–6.4)
New Hampshire	4,920	3.9	0.3	(3.3–4.4)
New Jersey	11,040	2.5	0.2	(2.1–2.8)
New Mexico	5,370	4.3	0.3	(3.6–4.9)
New York	5,391	3.1	0.3	(2.5–3.6)
North Carolina	9,155	2.9	0.3	(2.3–3.4)
North Dakota	2,934	5.3	0.5	(4.3–6.2)
Ohio	3,710	3.8	0.4	(3.0–4.5)
Oklahoma	7,332	4.4	0.3	(3.9–4.8)
Oregon	3,879	6.0	0.4	(5.1–6.8)
Pennsylvania	3,563	3.8	0.3	(3.1–4.4)
Rhode Island	3,922	2.8	0.3	(2.1–3.4)
South Carolina	5,754	3.2	0.2	(2.7–3.6)
South Dakota	5,132	3.9	0.3	(3.3–4.4)
Tennessee	2,496	3.2	0.4	(2.4–3.9)
Texas	5,875	3.7	0.3	(3.1–4.2)
Utah	3,884	5.6	0.5	(4.6–6.5)
Vermont	4,131	5.4	0.4	(4.6–6.1)
Virginia	5,288	5.5	0.5	(4.5–6.4)
Washington	18,014	4.8	0.2	(4.4–5.1)
West Virginia	3,240	2.7	0.3	(2.0–3.3)
Wisconsin	3,976	4.3	0.4	(3.5–5.0)
Wyoming	3,904	4.7	0.4	(3.9–5.4)
Guam	784	2.0	0.6	(0.8–3.1)
Puerto Rico	4,053	2.3	0.3	(1.6–2.9)
U.S. Virgin Islands	2,002	3.0	0.5	(2.1–3.8)

*Standard error.

†Confidence interval.

TABLE 48. Estimated prevalence of persons who had their cholesterol checked, but not during the preceding 5 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	1,627	3.7	0.5	(2.7–4.7)
Anchorage, Alaska	536	6.9	1.1	(4.7–9.2)
Asheville, North Carolina	630	2.7	0.7	(1.3–4.1)
Atlanta-Sandy Springs-Marietta, Georgia	2,104	3.7	0.6	(2.6–4.9)
Augusta-Richmond County, Georgia-South Carolina	745	2.7	0.8	(1.3–4.2)
Baltimore-Towson, Maryland	1,652	4.7	0.6	(3.5–6.0)
Baton Rouge, Louisiana	762	2.2	0.6	(1.2–3.3)
Bethesda-Frederick-Gaithersburg, Maryland§	935	2.9	0.5	(1.8–3.9)
Birmingham-Hoover, Alabama	843	2.0	0.5	(1.0–3.0)
Boise City-Nampa, Idaho	1,159	5.5	0.7	(4.0–6.9)
Boston-Quincy, Massachusetts§	1,876	2.7	0.5	(1.7–3.6)
Bremerton-Silverdale, Washington	858	4.0	0.7	(2.7–5.4)
Bridgeport-Stamford-Norwalk, Connecticut	1,177	2.9	0.5	(1.9–3.9)
Burlington-South Burlington, Vermont	1,225	5.3	0.8	(3.7–6.9)
Cambridge-Newton-Framingham, Massachusetts§	1,333	3.6	0.6	(2.5–4.8)
Camden, New Jersey§	1,589	2.2	0.4	(1.5–3.0)
Casper, Wyoming	514	4.2	0.9	(2.3–6.0)
Charleston, West Virginia	604	2.1	0.6	(0.9–3.3)
Charleston-North Charleston, South Carolina	733	2.8	0.6	(1.5–4.0)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	884	3.6	0.9	(1.8–5.3)
Cheyenne, Wyoming	636	6.4	1.1	(4.2–8.6)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,482	3.8	0.4	(3.1–4.5)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,322	5.0	0.9	(3.1–6.8)
Cleveland-Elyria-Mentor, Ohio	977	3.0	0.8	(1.4–4.6)
Columbia, South Carolina	961	2.8	0.5	(1.8–3.8)
Columbus, Ohio	585	3.9	1.0	(2.0–5.8)
Concord, New Hampshire	568	4.9	1.0	(3.0–6.8)
Dallas-Plano-Irving, Texas§	881	2.1	0.5	(1.1–3.1)
Denver-Aurora, Colorado	1,847	4.6	0.6	(3.5–5.7)
Des Moines, Iowa	831	4.7	0.8	(3.1–6.2)
Detroit-Livonia-Dearborn, Michigan§	512	3.5	1.1	(1.3–5.7)
Dover, Delaware	1,323	3.7	0.6	(2.6–4.9)
Durham, North Carolina	744	4.6	1.9	(0.8–8.3)
Edison, New Jersey§	2,998	3.0	0.3	(2.4–3.6)
Essex County, Massachusetts§	784	3.1	0.7	(1.7–4.4)
Fairbanks, Alaska	499	6.9	1.2	(4.6–9.2)
Fargo, North Dakota-Minnesota	535	5.0	1.6	(1.9–8.1)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	514	4.5	0.9	(2.7–6.3)
Greensboro-High Point, North Carolina	538	2.3	0.6	(1.1–3.5)
Greenville, South Carolina	777	3.0	0.7	(1.7–4.4)
Hartford-West Hartford-East Hartford, Connecticut	1,896	3.6	0.4	(2.8–4.5)
Hilo, Hawaii	951	4.0	0.8	(2.4–5.6)
Honolulu, Hawaii	2,205	2.0	0.3	(1.3–2.6)
Houston-Baytown-Sugar Land, Texas	1,158	3.9	0.6	(2.6–5.1)
Huntington-Ashland, West Virginia-Kentucky-Ohio	529	1.7	0.6	(0.6–2.8)
Indianapolis, Indiana	1,393	4.4	0.6	(3.2–5.5)
Jackson, Mississippi	700	3.4	0.8	(1.8–5.0)
Kahului-Wailuku, Hawaii	689	2.5	0.8	(0.9–4.1)
Kansas City, Missouri-Kansas	1,787	3.7	0.5	(2.6–4.7)
Kennewick-Richland-Pasco, Washington	596	4.3	1.0	(2.3–6.4)
Las Cruces, New Mexico	532	4.6	1.2	(2.3–6.9)
Las Vegas-Paradise, Nevada	942	5.2	0.8	(3.6–6.8)
Lebanon, New Hampshire-Vermont	1,010	5.9	0.8	(4.3–7.5)
Lincoln, Nebraska	774	4.6	0.8	(3.0–6.2)
Little Rock-North Little Rock, Arkansas	898	5.8	0.9	(3.9–7.6)
Los Angeles-Long Beach-Glendale, California§	972	3.1	0.6	(2.0–4.2)
Louisville, Kentucky-Indiana	789	3.9	0.8	(2.3–5.4)
Manchester-Nashua, New Hampshire	1,339	3.7	0.6	(2.6–4.9)
Memphis, Tennessee-Mississippi-Arkansas	678	3.6	0.9	(1.7–5.4)
Miami-Fort Lauderdale-Miami Beach, Florida	572	0.7	0.3	(0.1–1.3)
Milwaukee-Waukesha-West Allis, Wisconsin	1,276	3.0	0.6	(1.8–4.3)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,132	4.9	0.6	(3.7–6.0)
Nashville-Davidson-Murfreesboro, Tennessee	572	2.8	0.7	(1.4–4.3)

TABLE 48. (Continued) Estimated prevalence of persons who had their cholesterol checked, but not during the preceding 5 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Newark-Union, New Jersey-Pennsylvania§	2,685	3.0	0.4	(2.3–3.8)
New Haven-Milford, Connecticut	1,151	2.5	0.5	(1.6–3.4)
New Orleans-Metairie-Kenner, Louisiana	1,179	2.8	0.6	(1.7–3.9)
New York-Wayne-White Plains, New York-New Jersey§	4,311	1.6	0.2	(1.2–2.1)
Ogden-Clearfield, Utah	508	6.4	1.2	(4.1–8.7)
Oklahoma City, Oklahoma	2,204	4.3	0.5	(3.4–5.2)
Olympia, Washington	679	7.4	1.1	(5.2–9.5)
Omaha-Council Bluffs, Nebraska-Iowa	1,932	3.7	0.5	(2.7–4.7)
Philadelphia, Pennsylvania§	908	3.3	0.6	(2.1–4.6)
Phoenix-Mesa-Scottsdale, Arizona	1,024	4.1	0.8	(2.7–5.6)
Pittsburgh, Pennsylvania	718	4.2	0.8	(2.7–5.8)
Portland-South Portland, Maine	843	4.7	0.8	(3.0–6.3)
Portland-Vancouver-Beaverton, Oregon-Washington	2,831	6.6	0.6	(5.4–7.7)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,784	2.9	0.3	(2.2–3.5)
Raleigh-Cary, North Carolina	632	2.8	0.7	(1.4–4.2)
Rapid City, South Dakota	898	3.8	0.7	(2.4–5.2)
Reno-Sparks, Nevada	947	5.2	0.9	(3.5–6.9)
Richmond, Virginia	786	5.0	0.9	(3.1–6.8)
Rockingham County-Strafford County, New Hampshire§	1,497	2.8	0.5	(1.9–3.7)
St. Louis, Missouri-Illinois	933	5.2	0.8	(3.7–6.8)
Salt Lake City, Utah	1,484	5.8	0.8	(4.3–7.3)
San Francisco-Oakland-Fremont, California	575	4.7	1.0	(2.8–6.7)
Seaford, Delaware	1,249	4.0	0.7	(2.7–5.3)
Seattle-Bellevue-Everett, Washington§	4,347	4.9	0.4	(4.2–5.7)
Shreveport-Bossier City, Louisiana	477	1.3	0.6	(0.1–2.5)
Sioux Falls, South Dakota	777	4.0	0.8	(2.5–5.5)
Spokane, Washington	1,095	5.0	0.7	(3.5–6.4)
Springfield, Massachusetts	1,017	3.7	0.8	(2.2–5.3)
Suffolk County-Nassau County, New York§	707	2.7	0.7	(1.4–4.0)
Tacoma, Washington§	1,461	3.8	0.5	(2.7–4.8)
Topeka, Kansas	498	5.4	1.2	(3.0–7.7)
Trenton-Ewing, New Jersey	504	2.1	0.6	(0.8–3.3)
Tucson, Arizona	729	3.0	0.7	(1.6–4.4)
Tulsa, Oklahoma	1,940	4.3	0.5	(3.3–5.3)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,125	6.3	1.2	(4.1–8.6)
Warren-Farmington Hills-Troy, Michigan§	737	4.7	0.9	(3.0–6.4)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia§	3,737	4.9	0.7	(3.5–6.4)
Wenatchee, Washington	507	3.9	0.9	(2.1–5.7)
Wichita, Kansas	819	4.0	0.8	(2.5–5.5)
Wilmington, Delaware-Maryland-New Jersey§	1,610	4.5	0.6	(3.4–5.6)
Worcester, Massachusetts	1,070	3.4	0.7	(2.0–4.8)
Yakima, Washington	668	4.0	0.9	(2.4–5.7)

*Standard error.

†Confidence interval.

§Metropolitan division.

TABLE 49. Estimated prevalence of persons who had their cholesterol checked, but not during the preceding 5 years, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	508	1.4	0.5	(0.3–2.4)
Anchorage Municipality, Alaska	417	5.9	1.2	(3.5–8.3)
Fairbanks North Star Borough, Alaska	499	6.9	1.2	(4.6–9.2)
Maricopa County, Arizona	853	4.2	0.8	(2.7–5.8)
Pima County, Arizona	729	3.0	0.7	(1.6–4.4)
Pulaski County, Arkansas	563	6.4	1.3	(3.8–9.0)
Los Angeles County, California	972	3.1	0.6	(2.0–4.2)
Adams County, Colorado	268	2.4	0.9	(0.6–4.3)
Arapahoe County, Colorado	407	5.1	1.3	(2.5–7.8)
Denver County, Colorado	439	3.5	1.0	(1.6–5.6)
Jefferson County, Colorado	482	5.7	1.3	(3.2–8.1)
Fairfield County, Connecticut	1,177	2.9	0.5	(1.9–3.9)
Hartford County, Connecticut	1,369	3.4	0.5	(2.4–4.4)
Middlesex County, Connecticut	274	4.4	1.4	(1.7–7.1)
New Haven County, Connecticut	1,151	2.5	0.5	(1.6–3.4)
Tolland County, Connecticut	253	4.7	1.3	(2.1–7.2)
Kent County, Delaware	1,323	3.7	0.6	(2.5–4.9)
New Castle County, Delaware	1,393	4.8	0.6	(3.6–6.0)
Sussex County, Delaware	1,249	4.0	0.7	(2.7–5.3)
District of Columbia	1,982	3.2	0.4	(2.4–4.1)
DeKalb County, Georgia	244	2.3	1.1	(0.1–4.5)
Fulton County, Georgia	267	4.8	1.7	(1.4–8.3)
Richmond County, Georgia	274	2.4	1.0	(0.4–4.4)
Hawaii County, Hawaii	951	4.0	0.8	(2.4–5.6)
Honolulu County, Hawaii	2,205	2.0	0.3	(1.3–2.6)
Maui County, Hawaii	689	2.5	0.8	(0.9–4.1)
Ada County, Idaho	609	4.8	1.0	(2.9–6.7)
Canyon County, Idaho	425	7.0	1.4	(4.3–9.8)
Cook County, Illinois	1,821	3.3	0.4	(2.4–4.2)
DuPage County, Illinois	343	3.5	1.1	(1.3–5.7)
Lake County, Illinois	254	3.5	1.2	(1.2–5.8)
Lake County, Indiana	295	6.8	1.9	(3.1–10.5)
Marion County, Indiana	757	4.5	0.9	(2.8–6.1)
Polk County, Iowa	597	4.2	0.9	(2.5–5.9)
Johnson County, Kansas	734	4.0	0.8	(2.4–5.5)
Sedgwick County, Kansas	606	4.1	0.9	(2.3–5.9)
Shawnee County, Kansas	417	4.7	1.2	(2.4–7.1)
Jefferson County, Kentucky	379	3.2	1.0	(1.1–5.2)
Caddo Parish, Louisiana	307	NA [§]	NA	NA
East Baton Rouge Parish, Louisiana	415	1.7	0.5	(0.7–2.7)
Jefferson Parish, Louisiana	386	3.4	1.2	(1.1–5.8)
Orleans Parish, Louisiana	399	3.7	1.3	(1.2–6.2)
Cumberland County, Maine	456	5.4	1.3	(3.0–7.9)
York County, Maine	314	3.4	1.1	(1.3–5.5)
Anne Arundel County, Maryland	340	6.1	1.8	(2.7–9.6)
Baltimore County, Maryland	488	3.4	0.9	(1.7–5.1)
Frederick County, Maryland	337	4.0	1.2	(1.7–6.2)
Montgomery County, Maryland	598	3.0	0.7	(1.6–4.4)
Prince George's County, Maryland	409	0.8	0.4	(0.1–1.5)
Baltimore city, Maryland	312	5.1	2.1	(1.1–9.1)
Bristol County, Massachusetts	862	3.0	0.8	(1.4–4.6)
Essex County, Massachusetts	784	3.1	0.7	(1.7–4.5)
Hampden County, Massachusetts	761	3.4	0.9	(1.6–5.1)
Middlesex County, Massachusetts	1,333	3.7	0.6	(2.5–4.9)
Norfolk County, Massachusetts	501	4.0	0.9	(2.2–5.9)
Plymouth County, Massachusetts	386	2.1	1.0	(0.1–4.1)
Suffolk County, Massachusetts	989	1.9	0.5	(0.9–2.9)
Worcester County, Massachusetts	1,070	3.4	0.7	(2.0–4.8)
Oakland County, Michigan	382	5.3	1.4	(2.6–8.0)
Wayne County, Michigan	512	3.5	1.1	(1.3–5.7)
Dakota County, Minnesota	256	5.7	1.6	(2.5–9.0)
Hennepin County, Minnesota	800	5.1	1.1	(3.0–7.2)
Ramsey County, Minnesota	342	4.7	1.2	(2.3–7.0)

TABLE 49. (Continued) Estimated prevalence of persons who had their cholesterol checked, but not during the preceding 5 years, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	357	2.5	1.0	(0.6–4.4)
Jackson County, Missouri	352	3.3	1.0	(1.4–5.2)
St. Louis County, Missouri	314	4.3	1.2	(1.8–6.7)
Douglas County, Nebraska	1,151	2.9	0.5	(1.9–3.9)
Lancaster County, Nebraska	718	4.5	0.9	(2.8–6.2)
Sarpy County, Nebraska	293	5.4	1.7	(2.1–8.8)
Clark County, Nevada	942	5.2	0.8	(3.6–6.8)
Washoe County, Nevada	960	5.3	0.9	(3.5–7.0)
Grafton County, New Hampshire	363	6.8	1.5	(3.9–9.7)
Hillsborough County, New Hampshire	1,339	3.7	0.6	(2.6–4.9)
Merrimack County, New Hampshire	568	4.9	1.0	(3.0–6.8)
Rockingham County, New Hampshire	1,058	2.7	0.5	(1.7–3.8)
Strafford County, New Hampshire	439	3.2	1.1	(1.1–5.2)
Bergen County, New Jersey	1,101	1.9	0.4	(1.1–2.7)
Burlington County, New Jersey	588	3.0	0.8	(1.5–4.5)
Camden County, New Jersey	633	2.4	0.6	(1.1–3.6)
Essex County, New Jersey	871	2.9	0.7	(1.6–4.2)
Gloucester County, New Jersey	368	1.9	0.9	(0.1–3.6)
Hudson County, New Jersey	581	1.1	0.4	(0.4–1.8)
Mercer County, New Jersey	504	2.1	0.6	(0.8–3.3)
Middlesex County, New Jersey	967	1.9	0.4	(1.1–2.7)
Monmouth County, New Jersey	801	3.8	0.7	(2.4–5.2)
Morris County, New Jersey	710	3.2	0.7	(1.8–4.7)
Ocean County, New Jersey	763	3.6	0.9	(1.9–5.3)
Passaic County, New Jersey	549	1.8	0.6	(0.7–2.9)
Somerset County, New Jersey	467	4.4	1.0	(2.3–6.4)
Union County, New Jersey	652	3.0	0.7	(1.6–4.4)
Bernalillo County, New Mexico	1,072	3.6	0.6	(2.4–4.8)
Dona Ana County, New Mexico	532	4.6	1.2	(2.3–6.9)
Sandoval County, New Mexico	299	4.4	1.4	(1.7–7.2)
Kings County, New York	483	2.0	0.6	(0.7–3.2)
Nassau County, New York	318	1.8	0.8	(0.2–3.5)
New York County, New York	509	2.9	0.8	(1.4–4.4)
Queens County, New York	398	NA	NA	NA
Suffolk County, New York	389	3.5	1.0	(1.5–5.5)
Westchester County, New York	250	1.7	0.8	(0.1–3.3)
Buncombe County, North Carolina	440	2.2	0.7	(0.7–3.7)
Guilford County, North Carolina	433	2.6	0.8	(1.0–4.2)
Mecklenburg County, North Carolina	431	2.5	0.8	(1.0–4.1)
Orange County, North Carolina	430	4.1	1.5	(1.3–7.0)
Wake County, North Carolina	443	2.8	0.9	(1.1–4.5)
Cass County, North Dakota	485	4.4	1.0	(2.5–6.2)
Cuyahoga County, Ohio	416	2.8	0.9	(1.1–4.6)
Franklin County, Ohio	451	4.2	1.0	(2.2–6.2)
Hamilton County, Ohio	514	5.3	1.2	(3.0–7.6)
Lorain County, Ohio	463	2.6	0.7	(1.2–3.9)
Cleveland County, Oklahoma	352	5.8	1.4	(3.1–8.6)
Oklahoma County, Oklahoma	1,306	3.7	0.6	(2.6–4.8)
Tulsa County, Oklahoma	1,357	4.2	0.6	(3.1–5.3)
Clackamas County, Oregon	338	6.1	1.5	(3.0–9.1)
Multnomah County, Oregon	697	7.4	1.1	(5.2–9.5)
Washington County, Oregon	467	7.1	1.2	(4.7–9.6)
Allegheny County, Pennsylvania	361	4.5	1.2	(2.3–6.8)
Philadelphia County, Pennsylvania	321	NA	NA	NA
Kent County, Rhode Island	556	1.9	0.6	(0.8–3.1)
Newport County, Rhode Island	328	4.7	1.8	(1.1–8.4)
Providence County, Rhode Island	2,425	2.5	0.3	(1.8–3.1)
Washington County, Rhode Island	449	4.9	1.3	(2.3–7.4)
Charleston County, South Carolina	432	3.8	1.0	(1.9–5.7)
Greenville County, South Carolina	518	3.8	0.9	(1.9–5.6)
Lexington County, South Carolina	320	3.1	1.0	(1.1–5.1)
Richland County, South Carolina	472	2.4	0.6	(1.1–3.7)
York County, South Carolina	281	4.5	1.3	(2.0–7.1)

TABLE 49. (Continued) Estimated prevalence of persons who had their cholesterol checked, but not during the preceding 5 years, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	601	3.8	0.8	(2.2–5.5)
Pennington County, South Dakota	708	3.5	0.7	(2.1–5.0)
Shelby County, Tennessee	322	4.2	1.3	(1.6–6.8)
Dallas County, Texas	547	1.9	0.7	(0.6–3.3)
Harris County, Texas	781	4.1	0.8	(2.5–5.6)
Salt Lake County, Utah	980	5.8	0.8	(4.2–7.5)
Summit County, Utah	248	4.7	1.3	(2.2–7.3)
Tooele County, Utah	256	5.4	1.5	(2.4–8.4)
Weber County, Utah	262	6.4	1.6	(3.3–9.4)
Chittenden County, Vermont	898	6.5	1.1	(4.3–8.7)
Franklin County, Vermont	275	1.4	0.7	(0.0–2.7)
Windsor County, Vermont	418	4.8	1.1	(2.6–6.9)
Benton County, Washington	347	5.1	1.3	(2.5–7.6)
Chelan County, Washington	274	3.5	1.2	(1.2–5.9)
Clark County, Washington	977	4.0	0.7	(2.6–5.4)
Franklin County, Washington	249	NA	NA	NA
King County, Washington	2,927	4.9	0.4	(4.1–5.8)
Kitsap County, Washington	858	4.0	0.7	(2.7–5.4)
Pierce County, Washington	1,461	3.7	0.5	(2.7–4.7)
Snohomish County, Washington	1,420	5.0	0.7	(3.7–6.3)
Spokane County, Washington	1,095	5.0	0.7	(3.5–6.4)
Thurston County, Washington	679	7.4	1.1	(5.2–9.5)
Yakima County, Washington	668	4.0	0.9	(2.4–5.7)
Kanawha County, West Virginia	394	2.0	0.8	(0.5–3.5)
Milwaukee County, Wisconsin	998	1.8	0.5	(0.8–2.8)
Laramie County, Wyoming	636	6.4	1.1	(4.2–8.6)
Natrona County, Wyoming	514	4.2	0.9	(2.3–6.0)

* Standard error.

† Confidence interval.

§ Estimate not available (NA) if the unweighted sample size for the denominator was <50 or (CI half width) >10.

TABLE 50. Estimated prevalence of persons who had their cholesterol checked and told by a health professional that their blood cholesterol was high, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	2,651	36.0	1.1	(33.9–38.0)
Alaska	1,922	27.6	1.4	(24.8–30.3)
Arizona	2,536	34.6	1.3	(31.9–37.2)
Arkansas	3,236	34.8	0.9	(32.9–36.6)
California	3,537	32.7	0.9	(30.8–34.5)
Colorado	3,235	31.9	0.9	(30.1–33.6)
Connecticut	4,500	30.8	0.8	(29.2–32.3)
Delaware	3,392	34.7	1.1	(32.5–36.8)
District of Columbia	1,734	29.2	1.4	(26.5–31.8)
Florida	4,143	35.1	1.1	(32.9–37.2)
Georgia	6,155	33.2	0.8	(31.6–34.7)
Hawaii	3,331	27.0	1.0	(25.1–28.8)
Idaho	3,720	31.1	0.9	(29.3–32.8)
Illinois	4,084	33.6	0.8	(31.9–35.2)
Indiana	4,272	35.1	0.8	(33.5–36.6)
Iowa	3,991	31.7	0.8	(30.0–33.3)
Kansas	3,531	29.4	0.9	(27.7–31.0)
Kentucky	6,014	35.5	0.9	(33.6–37.3)
Louisiana	3,848	30.8	0.8	(29.1–32.4)
Maine	2,013	33.6	1.2	(31.3–35.8)
Maryland	3,736	33.9	1.0	(31.9–35.8)
Massachusetts	6,409	32.4	0.7	(30.9–33.8)
Michigan	2,933	38.2	1.0	(36.1–40.2)
Minnesota	3,195	30.8	0.9	(29.0–32.5)
Mississippi	3,340	33.1	0.9	(31.2–34.9)
Missouri	3,312	33.6	1.1	(31.3–35.8)
Montana	3,094	29.8	1.1	(27.7–31.8)
Nebraska	3,780	30.5	0.8	(28.8–32.1)
Nevada	2,196	36.8	1.5	(33.9–39.6)
New Hampshire	4,297	33.4	0.8	(31.8–34.9)
New Jersey	9,570	33.8	0.6	(32.6–34.9)
New Mexico	4,182	27.2	0.8	(25.6–28.7)
New York	4,582	34.9	0.8	(33.2–36.5)
North Carolina	7,617	34.0	0.8	(32.3–35.6)
North Dakota	2,348	32.6	1.0	(30.5–34.6)
Ohio	3,027	33.9	1.1	(31.8–35.9)
Oklahoma	5,978	32.0	0.7	(30.6–33.3)
Oregon	3,130	34.1	0.9	(32.2–35.9)
Pennsylvania	2,948	35.2	1.0	(33.3–37.1)
Rhode Island	3,467	33.1	0.9	(31.2–34.9)
South Carolina	4,916	33.4	0.8	(31.8–34.9)
South Dakota	4,105	31.2	0.8	(29.6–32.7)
Tennessee	2,096	30.1	1.1	(27.9–32.3)
Texas	4,589	34.3	0.8	(32.7–35.8)
Utah	2,926	27.8	1.1	(25.6–29.9)
Vermont	3,583	30.9	0.8	(29.2–32.5)
Virginia	4,510	32.9	0.9	(31.0–34.7)
Washington	14,758	33.3	0.5	(32.3–34.2)
West Virginia	2,715	38.1	1.0	(36.0–40.1)
Wisconsin	3,264	32.8	1.0	(30.9–34.6)
Wyoming	3,218	34.9	0.9	(33.0–36.7)
Guam	583	28.1	2.1	(24.0–32.1)
Puerto Rico	3,648	30.3	1.0	(28.4–32.1)
U.S. Virgin Islands	1,620	31.5	1.5	(28.5–34.4)

*Standard error.

†Confidence interval.

TABLE 51. Estimated prevalence of persons who had their cholesterol checked and told by a health professional that their blood cholesterol was high, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	1,292	24.8	1.4	(22.2–27.5)
Anchorage, Alaska	429	25.6	2.4	(21.0–30.2)
Asheville, North Carolina	539	32.1	2.4	(27.4–36.8)
Atlanta-Sandy Springs-Marietta, Georgia	1,769	31.6	1.4	(28.9–34.3)
Augusta-Richmond County, Georgia-South Carolina	624	33.6	2.2	(29.4–37.8)
Baltimore-Towson, Maryland	1,416	31.8	1.4	(29.0–34.6)
Baton Rouge, Louisiana	586	31.5	2.2	(27.2–35.8)
Bethesda-Frederick-Gaithersburg, Maryland§	825	39.0	2.1	(34.8–43.1)
Birmingham-Hoover, Alabama	699	38.2	2.1	(34.1–42.3)
Boise City-Nampa, Idaho	900	29.6	1.7	(26.3–33.0)
Boston-Quincy, Massachusetts§	1,616	31.7	1.4	(29.0–34.5)
Bremerton-Silverdale, Washington	726	31.0	1.9	(27.2–34.7)
Bridgeport-Stamford-Norwalk, Connecticut	1,049	31.2	1.6	(28.0–34.4)
Burlington-South Burlington, Vermont	1,071	28.3	1.5	(25.4–31.2)
Cambridge-Newton-Framingham, Massachusetts§	1,167	29.6	1.6	(26.6–32.7)
Camden, New Jersey§	1,377	33.9	1.5	(31.0–36.7)
Casper, Wyoming	412	34.0	2.6	(28.9–39.1)
Charleston, West Virginia	500	39.3	2.4	(34.6–44.0)
Charleston-North Charleston, South Carolina	610	34.0	2.2	(29.6–38.3)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	754	36.0	2.2	(31.8–40.3)
Cheyenne, Wyoming	529	33.8	2.3	(29.3–38.3)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	2,795	32.7	1.0	(30.6–34.7)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,055	33.4	2.0	(29.4–37.3)
Cleveland-Elyria-Mentor, Ohio	814	33.5	2.3	(29.1–38.0)
Columbia, South Carolina	820	31.3	1.8	(27.7–34.8)
Columbus, Ohio	464	32.4	2.5	(27.5–37.4)
Concord, New Hampshire	481	33.2	2.4	(28.5–38.0)
Dallas-Plano-Irving, Texas§	710	33.2	2.0	(29.3–37.0)
Denver-Aurora, Colorado	1,525	32.7	1.3	(30.1–35.4)
Des Moines, Iowa	694	29.4	2.0	(25.6–33.2)
Detroit-Livonia-Dearborn, Michigan§	433	37.0	2.7	(31.7–42.3)
Dover, Delaware	1,124	34.8	1.7	(31.5–38.2)
Durham, North Carolina	614	27.1	3.2	(20.9–33.3)
Edison, New Jersey§	2,628	35.8	1.1	(33.7–38.0)
Essex County, Massachusetts§	709	35.0	2.2	(30.6–39.4)
Fairbanks, Alaska	391	28.8	2.6	(23.8–33.9)
Fargo, North Dakota-Minnesota	420	31.4	3.8	(24.0–38.7)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	415	27.3	2.5	(22.3–32.3)
Greensboro-High Point, North Carolina	461	34.6	2.9	(29.0–40.3)
Greenville, South Carolina	665	34.9	2.1	(30.9–39.0)
Hartford-West Hartford-East Hartford, Connecticut	1,617	29.1	1.2	(26.7–31.6)
Hilo, Hawaii	753	26.6	1.8	(23.0–30.2)
Honolulu, Hawaii	1,737	26.5	1.2	(24.1–28.9)
Houston-Baytown-Sugar Land, Texas	920	35.7	1.8	(32.2–39.2)
Huntington-Ashland, West Virginia-Kentucky-Ohio	440	44.9	3.5	(38.1–51.7)
Indianapolis, Indiana	1,151	32.9	1.5	(30.0–35.9)
Jackson, Mississippi	572	33.2	2.2	(28.9–37.5)
Kahului-Wailuku, Hawaii	523	31.3	2.5	(26.4–36.2)
Kansas City, Missouri-Kansas	1,435	31.7	1.6	(28.6–34.8)
Kennewick-Richland-Pasco, Washington	459	35.6	2.7	(30.3–40.9)
Las Cruces, New Mexico	403	24.7	2.4	(20.1–29.3)
Las Vegas-Paradise, Nevada	730	38.5	2.0	(34.5–42.4)
Lebanon, New Hampshire-Vermont	873	31.9	1.7	(28.5–35.3)
Lincoln, Nebraska	624	29.3	2.3	(24.8–33.8)
Little Rock-North Little Rock, Arkansas	727	34.1	2.0	(30.3–38.0)
Los Angeles-Long Beach-Glendale, California§	794	33.6	2.0	(29.6–37.5)
Louisville, Kentucky-Indiana	642	35.3	2.3	(30.9–39.8)
Manchester-Nashua, New Hampshire	1,171	34.2	1.6	(31.1–37.2)
Memphis, Tennessee-Mississippi-Arkansas	569	28.1	2.4	(23.5–32.8)
Miami-Fort Lauderdale-Miami Beach, Florida	496	31.7	2.5	(26.9–36.6)
Milwaukee-Waukesha-West Allis, Wisconsin	1,034	34.8	2.0	(30.8–38.7)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	1,844	30.1	1.2	(27.8–32.4)

TABLE 51. (Continued) Estimated prevalence of persons who had their cholesterol checked and told by a health professional that their blood cholesterol was high, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Nashville-Davidson-Murfreesboro, Tennessee	489	28.6	2.2	(24.3–33.0)
Newark-Union, New Jersey-Pennsylvania§	2,331	32.4	1.2	(30.2–34.7)
New Haven-Milford, Connecticut	994	32.7	1.6	(29.5–35.9)
New Orleans-Metairie-Kenner, Louisiana	938	30.3	1.7	(26.9–33.6)
New York-Wayne-White Plains, New York-New Jersey§	3,643	34.3	1.1	(32.1–36.6)
Ogden-Clearfield, Utah	402	28.2	2.5	(23.4–33.1)
Oklahoma City, Oklahoma	1,793	30.7	1.2	(28.3–33.1)
Olympia, Washington	577	31.4	2.1	(27.3–35.6)
Omaha-Council Bluffs, Nebraska-Iowa	1,554	29.7	1.3	(27.2–32.2)
Philadelphia, Pennsylvania§	777	35.0	1.9	(31.3–38.7)
Phoenix-Mesa-Scottsdale, Arizona	850	33.5	1.9	(29.8–37.3)
Pittsburgh, Pennsylvania	587	34.5	2.2	(30.2–38.8)
Portland-South Portland, Maine	747	32.2	1.9	(28.6–35.8)
Portland-Vancouver-Beaverton, Oregon-Washington	2,316	32.7	1.2	(30.3–35.1)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,208	33.8	0.9	(31.9–35.6)
Raleigh-Cary, North Carolina	527	27.5	2.3	(22.9–32.0)
Rapid City, South Dakota	712	32.5	1.9	(28.7–36.3)
Reno-Sparks, Nevada	747	32.7	1.9	(29.0–36.5)
Richmond, Virginia	690	33.3	2.2	(29.0–37.6)
Rockingham County-Strafford County, New Hampshire§	1,323	35.1	1.5	(32.2–38.0)
St. Louis, Missouri-Illinois	746	34.5	2.0	(30.6–38.4)
Salt Lake City, Utah	1,158	28.9	1.7	(25.6–32.3)
San Francisco-Oakland-Fremont, California	472	30.4	2.5	(25.6–35.3)
Seaford, Delaware	1,104	39.4	1.7	(36.2–42.6)
Seattle-Bellevue-Everett, Washington§	3,597	32.0	0.9	(30.2–33.7)
Shreveport-Bossier City, Louisiana	387	27.7	2.5	(22.9–32.5)
Sioux Falls, South Dakota	616	28.8	2.0	(25.0–32.6)
Spokane, Washington	876	37.2	1.8	(33.6–40.8)
Springfield, Massachusetts	873	27.2	1.9	(23.4–31.0)
Suffolk County-Nassau County, New York§	632	37.9	2.3	(33.5–42.3)
Tacoma, Washington§	1,218	34.0	1.5	(30.9–37.0)
Topeka, Kansas	410	30.6	2.6	(25.6–35.7)
Trenton-Ewing, New Jersey	445	30.3	2.5	(25.4–35.3)
Tucson, Arizona	610	35.5	2.2	(31.2–39.9)
Tulsa, Oklahoma	1,622	31.0	1.3	(28.5–33.5)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	949	31.9	2.1	(27.8–35.9)
Warren-Farmington Hills-Troy, Michigan§	639	39.0	2.2	(34.7–43.2)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia§	3,254	29.8	1.5	(26.9–32.7)
Wenatchee, Washington	405	29.9	2.5	(24.9–34.8)
Wichita, Kansas	663	26.9	2.0	(23.0–30.7)
Wilmington, Delaware-Maryland-New Jersey§	1,352	33.4	1.5	(30.5–36.3)
Worcester, Massachusetts	928	35.1	2.1	(31.0–39.2)
Yakima, Washington	501	35.6	2.5	(30.8–40.5)

* Standard error.

† Confidence interval.

§ Metropolitan division.

TABLE 52. Estimated prevalence of persons who were told by a health professional that their blood cholesterol was high, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	424	37.8	2.7	(32.6–43.0)
Anchorage Municipality, Alaska	328	24.5	2.7	(19.3–29.7)
Fairbanks North Star Borough, Alaska	391	28.8	2.6	(23.8–33.9)
Maricopa County, Arizona	702	33.1	2.0	(29.1–37.1)
Pima County, Arizona	610	35.5	2.2	(31.2–39.9)
Pulaski County, Arkansas	463	31.1	2.4	(26.4–35.9)
Los Angeles County, California	794	33.6	2.0	(29.6–37.5)
Adams County, Colorado	194	38.7	3.9	(31.0–46.3)
Arapahoe County, Colorado	354	35.3	2.9	(29.6–40.9)
Denver County, Colorado	358	24.8	2.6	(19.7–29.8)
Jefferson County, Colorado	408	34.8	2.6	(29.6–39.9)
Fairfield County, Connecticut	1,049	31.2	1.6	(28.0–34.4)
Hartford County, Connecticut	1,170	29.7	1.5	(26.9–32.6)
Middlesex County, Connecticut	232	30.1	3.3	(23.7–36.5)
New Haven County, Connecticut	994	32.7	1.6	(29.5–35.9)
Tolland County, Connecticut	215	23.9	3.1	(17.8–30.0)
Kent County, Delaware	1,124	34.8	1.7	(31.5–38.2)
New Castle County, Delaware	1,164	33.2	1.6	(30.2–36.3)
Sussex County, Delaware	1,104	39.4	1.7	(36.2–42.6)
District of Columbia	1,734	29.2	1.4	(26.5–31.9)
DeKalb County, Georgia	217	27.7	3.4	(21.0–34.3)
Fulton County, Georgia	213	26.1	3.5	(19.1–33.0)
Richmond County, Georgia	225	31.8	3.5	(24.9–38.7)
Hawaii County, Hawaii	753	26.6	1.8	(23.0–30.2)
Honolulu County, Hawaii	1,737	26.5	1.2	(24.1–28.9)
Maui County, Hawaii	523	31.3	2.5	(26.4–36.2)
Ada County, Idaho	497	28.1	2.2	(23.8–32.4)
Canyon County, Idaho	306	32.2	3.0	(26.4–38.0)
Cook County, Illinois	1,456	32.6	1.5	(29.8–35.5)
DuPage County, Illinois	291	28.4	3.0	(22.6–34.3)
Lake County, Illinois	205	31.6	3.8	(24.2–39.0)
Lake County, Indiana	224	38.3	3.8	(31.0–45.7)
Marion County, Indiana	605	34.6	2.1	(30.4–38.8)
Polk County, Iowa	504	29.9	2.3	(25.4–34.4)
Johnson County, Kansas	594	29.4	2.0	(25.4–33.4)
Sedgwick County, Kansas	486	25.6	2.3	(21.1–30.0)
Shawnee County, Kansas	342	31.0	2.8	(25.4–36.6)
Jefferson County, Kentucky	312	34.1	3.2	(27.8–40.4)
Caddo Parish, Louisiana	239	25.5	3.1	(19.5–31.6)
East Baton Rouge Parish, Louisiana	329	28.9	2.9	(23.2–34.5)
Jefferson Parish, Louisiana	309	31.0	3.0	(25.2–36.8)
Orleans Parish, Louisiana	310	27.9	2.9	(22.2–33.6)
Cumberland County, Maine	405	28.6	2.4	(24.0–33.2)
York County, Maine	279	38.4	3.2	(32.1–44.7)
Anne Arundel County, Maryland	296	30.6	3.0	(24.7–36.4)
Baltimore County, Maryland	416	29.8	2.5	(24.9–34.7)
Frederick County, Maryland	296	34.0	3.1	(28.0–40.1)
Montgomery County, Maryland	529	41.0	2.5	(36.1–45.9)
Prince George's County, Maryland	347	31.7	3.1	(25.6–37.7)
Baltimore city, Maryland	267	34.1	3.4	(27.5–40.7)
Bristol County, Massachusetts	741	35.1	2.3	(30.6–39.6)
Essex County, Massachusetts	709	34.9	2.2	(30.5–39.3)
Hampden County, Massachusetts	656	27.0	2.3	(22.4–31.6)
Middlesex County, Massachusetts	1,167	29.8	1.6	(26.7–32.9)
Norfolk County, Massachusetts	447	34.0	2.5	(29.0–38.9)
Plymouth County, Massachusetts	352	32.1	2.8	(26.7–37.6)
Suffolk County, Massachusetts	817	31.3	2.0	(27.3–35.3)
Worcester County, Massachusetts	928	35.1	2.1	(31.0–39.2)
Oakland County, Michigan	340	40.3	3.1	(34.2–46.4)
Wayne County, Michigan	433	37.0	2.7	(31.7–42.3)
Dakota County, Minnesota	228	30.3	3.3	(23.8–36.7)
Hennepin County, Minnesota	687	29.8	1.9	(26.0–33.6)
Ramsey County, Minnesota	299	31.2	2.9	(25.5–36.9)

TABLE 52. (Continued) Estimated prevalence of persons who were told by a health professional that their blood cholesterol was high, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	294	31.3	3.0	(25.4–37.2)
Jackson County, Missouri	295	33.7	3.1	(27.7–39.7)
St. Louis County, Missouri	267	35.2	3.3	(28.8–41.6)
Douglas County, Nebraska	905	29.7	1.7	(26.3–33.1)
Lancaster County, Nebraska	583	29.7	2.4	(25.0–34.4)
Sarpy County, Nebraska	235	25.8	3.1	(19.7–31.8)
Clark County, Nevada	730	38.5	2.0	(34.5–42.4)
Washoe County, Nevada	736	32.7	1.9	(29.0–36.5)
Grafton County, New Hampshire	313	32.7	3.0	(26.9–38.4)
Hillsborough County, New Hampshire	1,171	34.2	1.6	(31.1–37.2)
Merrimack County, New Hampshire	481	33.2	2.4	(28.4–38.0)
Rockingham County, New Hampshire	941	34.6	1.8	(31.2–38.1)
Strafford County, New Hampshire	382	35.7	2.7	(30.3–41.0)
Bergen County, New Jersey	988	33.4	1.7	(30.0–36.8)
Burlington County, New Jersey	525	32.5	2.3	(28.0–37.0)
Camden County, New Jersey	538	34.0	2.3	(29.5–38.4)
Essex County, New Jersey	736	34.3	2.1	(30.2–38.3)
Gloucester County, New Jersey	314	32.7	3.1	(26.7–38.7)
Hudson County, New Jersey	465	33.2	2.6	(28.1–38.3)
Mercer County, New Jersey	445	30.3	2.5	(25.4–35.3)
Middlesex County, New Jersey	818	32.9	2.0	(29.1–36.8)
Monmouth County, New Jersey	717	34.3	2.1	(30.3–38.4)
Morris County, New Jersey	658	34.0	2.1	(29.9–38.1)
Ocean County, New Jersey	675	39.4	2.2	(35.1–43.6)
Passaic County, New Jersey	459	32.8	2.5	(27.8–37.8)
Somerset County, New Jersey	418	39.3	2.8	(33.9–44.8)
Union County, New Jersey	542	31.7	2.3	(27.3–36.2)
Bernalillo County, New Mexico	850	23.6	1.6	(20.4–26.7)
Dona Ana County, New Mexico	403	24.7	2.4	(20.1–29.3)
Sandoval County, New Mexico	253	26.6	3.2	(20.4–32.8)
Kings County, New York	388	31.7	2.7	(26.3–37.0)
Nassau County, New York	287	41.8	3.4	(35.1–48.5)
New York County, New York	433	36.8	2.7	(31.5–42.2)
Queens County, New York	322	35.7	3.2	(29.4–42.0)
Suffolk County, New York	345	34.3	2.9	(28.6–40.0)
Westchester County, New York	220	34.7	3.7	(27.3–42.0)
Buncombe County, North Carolina	378	32.6	2.7	(27.4–37.9)
Guilford County, North Carolina	374	31.0	2.8	(25.6–36.4)
Mecklenburg County, North Carolina	361	33.6	2.8	(28.1–39.1)
Orange County, North Carolina	346	22.8	2.6	(17.7–28.0)
Wake County, North Carolina	374	26.3	2.5	(21.4–31.2)
Cass County, North Dakota	376	27.0	2.5	(22.2–31.8)
Cuyahoga County, Ohio	350	33.3	2.9	(27.7–38.9)
Franklin County, Ohio	355	31.1	2.7	(25.8–36.5)
Hamilton County, Ohio	435	33.1	2.5	(28.1–38.0)
Lorain County, Ohio	380	38.4	3.0	(32.6–44.3)
Cleveland County, Oklahoma	274	27.2	3.0	(21.4–33.0)
Oklahoma County, Oklahoma	1,055	30.7	1.6	(27.6–33.8)
Tulsa County, Oklahoma	1,142	30.2	1.5	(27.1–33.2)
Clackamas County, Oregon	288	34.8	3.1	(28.6–40.9)
Multnomah County, Oregon	545	31.7	2.3	(27.3–36.1)
Washington County, Oregon	381	33.0	2.6	(27.8–38.1)
Allegheny County, Pennsylvania	295	33.9	3.0	(27.9–39.8)
Philadelphia County, Pennsylvania	271	34.6	3.3	(28.1–41.0)
Kent County, Rhode Island	492	33.9	2.4	(29.3–38.5)
Newport County, Rhode Island	291	33.2	3.2	(27.0–39.4)
Providence County, Rhode Island	2,123	33.3	1.2	(30.9–35.6)
Washington County, Rhode Island	411	31.2	2.5	(26.3–36.1)
Charleston County, South Carolina	365	33.4	2.8	(27.9–39.0)
Greenville County, South Carolina	457	33.1	2.4	(28.3–37.9)
Lexington County, South Carolina	265	33.3	3.2	(27.1–39.5)
Richland County, South Carolina	411	31.3	2.6	(26.2–36.4)
York County, South Carolina	241	32.7	3.3	(26.3–39.2)

TABLE 52. (Continued) Estimated prevalence of persons who were told by a health professional that their blood cholesterol was high, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	470	30.1	2.3	(25.6–34.6)
Pennington County, South Dakota	561	31.6	2.2	(27.4–35.8)
Shelby County, Tennessee	266	25.6	3.0	(19.7–31.4)
Dallas County, Texas	426	32.8	2.5	(27.9–37.7)
Harris County, Texas	605	34.1	2.2	(29.8–38.4)
Salt Lake County, Utah	760	29.2	1.9	(25.5–32.8)
Summit County, Utah	205	24.7	3.5	(17.8–31.6)
Tooele County, Utah	193	27.5	3.5	(20.6–34.3)
Weber County, Utah	209	31.0	3.6	(23.9–38.0)
Chittenden County, Vermont	791	26.0	1.7	(22.6–29.3)
Franklin County, Vermont	234	35.0	3.3	(28.5–41.6)
Windsor County, Vermont	357	31.6	2.7	(26.4–36.8)
Benton County, Washington	289	38.5	3.2	(32.2–44.9)
Chelan County, Washington	224	29.2	3.2	(22.9–35.5)
Clark County, Washington	816	33.4	1.9	(29.6–37.1)
Franklin County, Washington	170	23.9	3.4	(17.2–30.5)
King County, Washington	2443	31.6	1.0	(29.6–33.6)
Kitsap County, Washington	726	31.0	1.9	(27.2–34.7)
Pierce County, Washington	1,218	33.9	1.5	(30.9–36.9)
Snohomish County, Washington	1,154	33.1	1.5	(30.1–36.1)
Spokane County, Washington	876	37.2	1.8	(33.6–40.8)
Thurston County, Washington	577	31.4	2.1	(27.2–35.6)
Yakima County, Washington	501	35.6	2.5	(30.8–40.5)
Kanawha County, West Virginia	337	39.4	3.0	(33.6–45.2)
Milwaukee County, Wisconsin	784	37.3	2.6	(32.1–42.4)
Laramie County, Wyoming	529	33.8	2.3	(29.3–38.3)
Natrona County, Wyoming	412	34.0	2.6	(28.9–39.1)

* Standard error.

† Confidence interval.

TABLE 53. Estimated prevalence of persons who were told by a health professional that their blood pressure was high, by state/area — Behavioral Risk Factor Surveillance System, United States, 2003

State/Area	Sample size	%	SE*	(95% CI†)
Alabama	3,333	33.1	0.9	(31.2–34.9)
Alaska	2,660	20.8	1.1	(18.7–22.8)
Arizona	3,230	22.7	1.0	(20.7–24.6)
Arkansas	4,201	30.5	0.8	(28.9–32.0)
California	4,474	23.4	0.7	(21.9–24.8)
Colorado	4,064	19.8	0.7	(18.4–21.1)
Connecticut	5,301	24.2	0.7	(22.9–25.4)
Delaware	4,033	27.7	0.9	(25.8–29.5)
District of Columbia	2,037	25.2	1.3	(22.7–27.6)
Florida	5,028	29.3	1.0	(27.4–31.1)
Georgia	7,636	28.0	0.7	(26.6–29.3)
Hawaii	4,331	23.2	0.8	(21.6–24.7)
Idaho	4,986	23.1	0.7	(21.7–24.4)
Illinois	5,261	24.1	0.7	(22.7–25.4)
Indiana	5,468	27.0	0.7	(25.7–28.2)
Iowa	5,000	25.1	0.7	(23.7–26.4)
Kansas	4,607	23.3	0.7	(21.9–24.6)
Kentucky	7,620	29.8	0.8	(28.3–31.2)
Louisiana	5,072	29.0	0.7	(27.5–30.4)
Maine	2,387	26.0	1.0	(24.0–27.9)
Maryland	4,430	25.0	0.8	(23.4–26.5)
Massachusetts	7,563	23.1	0.6	(21.9–24.2)
Michigan	3,544	26.8	0.8	(25.1–28.4)
Minnesota	3,870	22.2	0.7	(20.8–23.5)
Mississippi	4,414	33.4	0.8	(31.8–34.9)
Missouri	4,249	27.5	0.9	(25.6–29.3)
Montana	4,021	21.3	0.8	(19.6–22.9)
Nebraska	4,973	23.5	0.7	(22.2–24.7)
Nevada	2,958	23.6	1.1	(21.4–25.7)
New Hampshire	5,030	22.5	0.7	(21.2–23.7)
New Jersey	11,290	25.6	0.5	(24.6–26.5)
New Mexico	5,492	21.1	0.6	(19.8–22.3)
New York	5,536	25.3	0.7	(23.9–26.6)
North Carolina	9,446	28.6	0.7	(27.2–29.9)
North Dakota	3,015	24.0	0.8	(22.3–25.6)
Ohio	3,819	26.3	0.9	(24.5–28.0)
Oklahoma	7,618	28.0	0.6	(26.8–29.1)
Oregon	4,006	24.0	0.7	(22.5–25.4)
Pennsylvania	3,667	26.5	0.8	(24.9–28.0)
Rhode Island	4,046	28.9	0.8	(27.2–30.5)
South Carolina	5,917	28.8	0.7	(27.4–30.1)
South Dakota	5,255	24.8	0.7	(23.5–26.0)
Tennessee	2,580	30.3	1.0	(28.2–32.3)
Texas	6,026	24.6	0.6	(23.3–25.8)
Utah	4,048	18.8	0.8	(17.2–20.3)
Vermont	4,240	23.1	0.7	(21.7–24.4)
Virginia	5,429	24.4	0.7	(22.9–25.8)
Washington	18,573	23.8	0.4	(23.0–24.5)
West Virginia	3,342	33.6	0.9	(31.8–35.3)
Wisconsin	4,043	24.3	0.8	(22.7–25.8)
Wyoming	4,000	23.8	0.7	(22.3–25.2)
Guam	805	22.1	1.6	(18.8–25.3)
Puerto Rico	4,164	27.3	0.9	(25.6–28.9)
U.S. Virgin Islands	2,040	24.8	1.2	(22.3–27.2)

*Standard error.

†Confidence interval.

TABLE 54. Estimated prevalence of persons who were told by a health professional that their blood pressure was high, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Albuquerque, New Mexico	1,671	19.7	1.1	(17.5–21.8)
Anchorage, Alaska	557	20.2	1.9	(16.5–23.9)
Asheville, North Carolina	652	28.7	2.1	(24.5–32.9)
Atlanta-Sandy Springs-Marietta, Georgia	2,163	24.5	1.2	(22.3–26.8)
Augusta-Richmond County, Georgia-South Carolina	765	29.2	1.9	(25.5–32.9)
Baltimore-Towson, Maryland	1,691	25.5	1.2	(23.1–27.9)
Baton Rouge, Louisiana	788	26.5	1.8	(23.0–30.0)
Bethesda-Frederick-Gaithersburg, Maryland§	957	22.2	1.6	(19.0–25.4)
Birmingham-Hoover, Alabama	868	32.4	1.8	(28.9–35.9)
Boise City-Nampa, Idaho	1,194	20.5	1.3	(18.0–23.0)
Boston-Quincy, Massachusetts§	1,919	23.1	1.2	(20.8–25.4)
Bremerton-Silverdale, Washington	877	23.4	1.6	(20.3–26.6)
Bridgeport-Stamford-Norwalk, Connecticut	1,204	23.3	1.4	(20.6–26.0)
Burlington-South Burlington, Vermont	1,253	20.7	1.2	(18.3–23.1)
Cambridge-Newton-Framingham, Massachusetts§	1,372	20.5	1.3	(17.9–23.1)
Camden, New Jersey§	1,621	26.0	1.2	(23.5–28.4)
Casper, Wyoming	527	23.1	1.9	(19.3–26.9)
Charleston, West Virginia	616	34.2	2.1	(30.0–38.3)
Charleston-North Charleston, South Carolina	753	23.7	1.7	(20.3–27.1)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	917	25.2	1.8	(21.7–28.7)
Cheyenne, Wyoming	657	23.4	1.8	(19.9–26.8)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,547	24.4	0.8	(22.7–26.0)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,353	25.9	1.6	(22.7–29.2)
Cleveland-Elyria-Mentor, Ohio	1,007	27.4	1.9	(23.7–31.1)
Columbia, South Carolina	979	28.4	1.7	(25.2–31.7)
Columbus, Ohio	604	23.6	2.0	(19.7–27.5)
Concord, New Hampshire	578	21.5	1.9	(17.8–25.2)
Dallas-Plano-Irving, Texas§	904	23.3	1.5	(20.3–26.3)
Denver-Aurora, Colorado	1,915	20.5	1.0	(18.5–22.5)
Des Moines, Iowa	853	21.4	1.5	(18.5–24.3)
Detroit-Livonia-Dearborn, Michigan§	525	31.4	2.4	(26.8–36.1)
Dover, Delaware	1,349	28.6	1.5	(25.8–31.5)
Durham, North Carolina	773	25.3	3.1	(19.2–31.4)
Edison, New Jersey§	3,077	25.5	0.9	(23.8–27.3)
Essex County, Massachusetts§	802	23.6	1.9	(19.9–27.3)
Fairbanks, Alaska	524	20.4	1.9	(16.7–24.2)
Fargo, North Dakota-Minnesota	550	23.2	2.9	(17.4–28.9)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	523	25.2	2.5	(20.3–30.2)
Greensboro-High Point, North Carolina	557	24.7	2.2	(20.3–29.1)
Greenville, South Carolina	793	27.1	1.8	(23.7–30.6)
Hartford-West Hartford-East Hartford, Connecticut	1,925	23.6	1.1	(21.5–25.7)
Hilo, Hawaii	970	22.9	1.6	(19.8–26.0)
Honolulu, Hawaii	2,242	23.4	1.0	(21.4–25.4)
Houston-Baytown-Sugar Land, Texas	1,186	24.5	1.4	(21.7–27.2)
Huntington-Ashland, West Virginia-Kentucky-Ohio	553	38.1	3.1	(32.1–44.2)
Indianapolis, Indiana	1,426	26.4	1.3	(23.9–28.9)
Jackson, Mississippi	734	28.3	1.8	(24.8–31.8)
Kahului-Wailuku, Hawaii	698	22.8	1.9	(19.2–26.4)
Kansas City, Missouri-Kansas	1,833	24.3	1.3	(21.8–26.8)
Kennewick-Richland-Pasco, Washington	611	22.2	2.1	(18.1–26.2)
Las Cruces, New Mexico	546	20.7	1.9	(17.0–24.3)
Las Vegas-Paradise, Nevada	973	22.9	1.4	(20.0–25.7)
Lebanon, New Hampshire-Vermont	1,040	22.9	1.4	(20.1–25.7)
Lincoln, Nebraska	799	22.2	1.8	(18.6–25.8)
Little Rock-North Little Rock, Arkansas	931	26.1	1.6	(23.0–29.2)
Los Angeles-Long Beach-Glendale, California§	987	24.0	1.7	(20.7–27.3)
Louisville, Kentucky-Indiana	818	28.5	1.9	(24.8–32.2)
Manchester-Nashua, New Hampshire	1,365	21.4	1.2	(19.0–23.8)
Memphis, Tennessee-Mississippi-Arkansas	712	31.2	2.3	(26.7–35.7)
Miami-Fort Lauderdale-Miami Beach, Florida	579	27.1	2.2	(22.7–31.5)
Milwaukee-Waukesha-West Allis, Wisconsin	1,301	24.9	1.6	(21.7–28.0)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,204	19.7	0.9	(18.0–21.5)

TABLE 54. (Continued) Estimated prevalence of persons who were told by a health professional that their blood pressure was high, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, selected U.S. MMSAs, 2003

MMSA(s)	Sample size	%	SE*	(95% CI†)
Nashville-Davidson-Murfreesboro, Tennessee	585	24.7	2.0	(20.8–28.6)
Newark-Union, New Jersey-Pennsylvania§	2,741	25.4	1.0	(23.4–27.4)
New Haven-Milford, Connecticut	1,175	25.3	1.4	(22.5–28.0)
New Orleans-Metairie-Kenner, Louisiana	1,215	27.9	1.5	(25.0–30.8)
New York-Wayne-White Plains, New York-New Jersey§	4,423	23.7	0.9	(21.9–25.5)
Ogden-Clearfield, Utah	523	19.7	1.9	(16.0–23.4)
Oklahoma City, Oklahoma	2,278	24.9	1.0	(23.0–26.9)
Olympia, Washington	710	23.4	1.7	(20.1–26.7)
Omaha-Council Bluffs, Nebraska-Iowa	1,991	21.2	1.0	(19.3–23.1)
Philadelphia, Pennsylvania§	938	26.7	1.6	(23.5–29.9)
Phoenix-Mesa-Scottsdale, Arizona	1,053	21.0	1.5	(18.1–23.8)
Pittsburgh, Pennsylvania	742	26.1	1.8	(22.6–29.6)
Portland-South Portland, Maine	872	22.8	1.5	(19.8–25.9)
Portland-Vancouver-Beaverton, Oregon-Washington	2,932	22.2	0.9	(20.3–24.0)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,924	28.8	0.8	(27.1–30.4)
Raleigh-Cary, North Carolina	650	23.7	2.1	(19.6–27.8)
Rapid City, South Dakota	919	26.0	1.6	(22.9–29.1)
Reno-Sparks, Nevada	1,011	23.2	1.4	(20.4–26.0)
Richmond, Virginia	811	25.5	1.9	(21.9–29.1)
Rockingham County-Strafford County, New Hampshire§	1,531	21.9	1.2	(19.6–24.2)
St. Louis, Missouri-Illinois	959	26.7	1.7	(23.5–29.9)
Salt Lake City, Utah	1,534	18.2	1.2	(15.8–20.6)
San Francisco-Oakland-Fremont, California	583	21.7	1.9	(17.9–25.5)
Seaford, Delaware	1,271	30.9	1.4	(28.1–33.7)
Seattle-Bellevue-Everett, Washington§	4,463	21.9	0.7	(20.5–23.3)
Shreveport-Bossier City, Louisiana	504	31.0	2.3	(26.5–35.4)
Sioux Falls, South Dakota	796	21.4	1.5	(18.4–24.4)
Spokane, Washington	1,120	22.9	1.4	(20.2–25.6)
Springfield, Massachusetts	1,044	21.9	1.7	(18.7–25.2)
Suffolk County-Nassau County, New York§	723	23.2	1.8	(19.7–26.7)
Tacoma, Washington§	1,506	24.5	1.2	(22.1–26.9)
Topeka, Kansas	517	22.3	2.0	(18.3–26.2)
Trenton-Ewing, New Jersey	519	22.2	2.1	(18.1–26.3)
Tucson, Arizona	745	24.3	1.7	(21.0–27.7)
Tulsa, Oklahoma	2,009	27.1	1.1	(24.9–29.3)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,164	25.4	1.6	(22.2–28.5)
Warren-Farmington Hills-Troy, Michigan§	751	23.2	1.7	(19.9–26.4)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia§	3,823	21.4	1.2	(19.1–23.7)
Wenatchee, Washington	521	25.5	2.2	(21.3–29.8)
Wichita, Kansas	844	24.5	1.7	(21.3–27.8)
Wilmington, Delaware-Maryland-New Jersey§	1,633	26.7	1.3	(24.2–29.2)
Worcester, Massachusetts	1,107	24.2	1.7	(20.8–27.6)
Yakima, Washington	692	25.6	2.0	(21.8–29.5)

* Standard error.

† Confidence interval.

§ Metropolitan division.

TABLE 55. Estimated prevalence of persons who were told by a health professional that their blood pressure was high, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Jefferson County, Alabama	523	32.2	2.3	(27.7–36.6)
Anchorage Municipality, Alaska	434	19.8	2.1	(15.7–24.0)
Fairbanks North Star Borough, Alaska	524	20.4	1.9	(16.7–24.2)
Maricopa County, Arizona	876	20.5	1.5	(17.5–23.5)
Pima County, Arizona	745	24.3	1.7	(21.0–27.7)
Pulaski County, Arkansas	582	26.5	2.0	(22.6–30.4)
Los Angeles County, California	987	24.0	1.7	(20.7–27.3)
Adams County, Colorado	282	22.8	2.9	(17.1–28.5)
Arapahoe County, Colorado	421	20.6	2.2	(16.3–24.8)
Denver County, Colorado	456	21.0	2.1	(17.0–25.1)
Jefferson County, Colorado	498	22.3	2.0	(18.3–26.3)
Fairfield County, Connecticut	1,204	23.3	1.4	(20.6–26.0)
Hartford County, Connecticut	1,395	23.0	1.2	(20.6–25.4)
Middlesex County, Connecticut	277	29.2	3.0	(23.3–35.2)
New Haven County, Connecticut	1,175	25.3	1.4	(22.5–28.0)
Tolland County, Connecticut	253	21.3	2.9	(15.7–26.9)
Kent County, Delaware	1,349	28.6	1.5	(25.8–31.5)
New Castle County, Delaware	1,413	26.1	1.3	(23.5–28.7)
Sussex County, Delaware	1,271	30.9	1.4	(28.1–33.7)
District of Columbia	2,037	25.2	1.3	(22.8–27.7)
DeKalb County, Georgia	256	25.2	3.2	(19.0–31.4)
Fulton County, Georgia	273	20.7	2.8	(15.2–26.3)
Richmond County, Georgia	280	26.3	2.9	(20.7–32.0)
Hawaii County, Hawaii	970	22.9	1.6	(19.8–26.0)
Honolulu County, Hawaii	2,242	23.4	1.0	(21.4–25.4)
Maui County, Hawaii	698	22.8	1.9	(19.2–26.4)
Ada County, Idaho	623	19.9	1.6	(16.7–23.1)
Canyon County, Idaho	442	19.7	2.0	(15.7–23.7)
Cook County, Illinois	1,857	24.9	1.2	(22.6–27.2)
DuPage County, Illinois	346	18.9	2.4	(14.2–23.5)
Lake County, Illinois	261	21.0	2.7	(15.6–26.3)
Lake County, Indiana	302	31.4	3.0	(25.5–37.3)
Marion County, Indiana	775	27.7	1.8	(24.2–31.3)
Polk County, Iowa	612	21.1	1.7	(17.7–24.5)
Johnson County, Kansas	748	19.6	1.5	(16.6–22.6)
Sedgwick County, Kansas	625	24.8	1.9	(21.0–28.6)
Shawnee County, Kansas	432	22.4	2.2	(18.1–26.8)
Jefferson County, Kentucky	393	27.3	2.6	(22.2–32.4)
Caddo Parish, Louisiana	321	33.0	2.9	(27.2–38.8)
East Baton Rouge Parish, Louisiana	434	23.2	2.3	(18.7–27.7)
Jefferson Parish, Louisiana	397	29.0	2.6	(23.8–34.1)
Orleans Parish, Louisiana	411	27.6	2.5	(22.7–32.5)
Cumberland County, Maine	473	21.6	2.0	(17.7–25.6)
York County, Maine	326	25.5	2.6	(20.3–30.7)
Anne Arundel County, Maryland	347	25.6	2.6	(20.5–30.6)
Baltimore County, Maryland	500	26.2	2.2	(21.8–30.5)
Frederick County, Maryland	341	22.5	2.5	(17.6–27.4)
Montgomery County, Maryland	616	21.9	1.9	(18.3–25.5)
Prince George's County, Maryland	419	24.0	2.5	(19.2–28.9)
Baltimore city, Maryland	320	30.5	2.9	(24.9–36.2)
Bristol County, Massachusetts	878	28.8	2.1	(24.7–32.8)
Essex County, Massachusetts	802	23.5	1.9	(19.8–27.2)
Hampden County, Massachusetts	784	24.1	2.1	(20.0–28.2)
Middlesex County, Massachusetts	1,372	20.8	1.3	(18.2–23.4)
Norfolk County, Massachusetts	518	23.4	2.0	(19.4–27.4)
Plymouth County, Massachusetts	394	25.4	2.4	(20.7–30.1)
Suffolk County, Massachusetts	1,007	19.9	1.5	(17.0–22.9)
Worcester County, Massachusetts	1,107	24.2	1.7	(20.8–27.6)
Oakland County, Michigan	392	24.7	2.4	(19.9–29.5)
Wayne County, Michigan	525	31.4	2.4	(26.8–36.1)
Dakota County, Minnesota	264	16.6	2.4	(12.0–21.3)
Hennepin County, Minnesota	829	19.6	1.4	(16.7–22.4)
Ramsey County, Minnesota	357	21.4	2.3	(16.9–25.9)

TABLE 55. (Continued) Estimated prevalence of persons who were told by a health professional that their blood pressure was high, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Hinds County, Mississippi	373	26.8	2.5	(21.9–31.6)
Jackson County, Missouri	359	24.9	2.4	(20.1–29.7)
St. Louis County, Missouri	320	28.3	2.8	(22.8–33.8)
Douglas County, Nebraska	1,186	20.2	1.2	(17.8–22.6)
Lancaster County, Nebraska	742	22.5	1.9	(18.8–26.3)
Sarpy County, Nebraska	298	20.2	2.5	(15.4–25.1)
Clark County, Nevada	973	22.9	1.4	(20.0–25.7)
Washoe County, Nevada	997	23.1	1.4	(20.3–25.9)
Grafton County, New Hampshire	372	19.9	2.3	(15.4–24.4)
Hillsborough County, New Hampshire	1,365	21.4	1.2	(19.0–23.8)
Merrimack County, New Hampshire	578	21.5	1.9	(17.8–25.2)
Rockingham County, New Hampshire	1,079	21.3	1.4	(18.6–24.0)
Strafford County, New Hampshire	452	23.3	2.2	(18.9–27.7)
Bergen County, New Jersey	1,124	24.8	1.5	(21.9–27.7)
Burlington County, New Jersey	603	24.9	2.0	(21.0–28.7)
Camden County, New Jersey	645	26.9	1.9	(23.1–30.6)
Essex County, New Jersey	887	27.4	1.7	(24.1–30.8)
Gloucester County, New Jersey	373	25.0	2.5	(20.0–30.0)
Hudson County, New Jersey	595	24.0	2.1	(19.9–28.1)
Mercer County, New Jersey	519	22.2	2.1	(18.1–26.3)
Middlesex County, New Jersey	989	23.1	1.6	(20.0–26.2)
Monmouth County, New Jersey	815	25.7	1.8	(22.3–29.2)
Morris County, New Jersey	726	25.6	1.8	(22.1–29.1)
Ocean County, New Jersey	798	31.0	1.9	(27.3–34.7)
Passaic County, New Jersey	558	23.8	2.0	(19.9–27.7)
Somerset County, New Jersey	475	22.0	2.1	(17.9–26.1)
Union County, New Jersey	663	25.2	1.9	(21.4–29.0)
Bernalillo County, New Mexico	1,098	18.5	1.3	(16.0–20.9)
Dona Ana County, New Mexico	546	20.7	1.9	(17.0–24.3)
Sandoval County, New Mexico	306	20.8	2.6	(15.8–25.8)
Kings County, New York	497	20.6	2.0	(16.7–24.6)
Nassau County, New York	328	22.7	2.8	(17.3–28.1)
New York County, New York	525	22.1	2.2	(17.9–26.4)
Queens County, New York	411	27.2	2.6	(22.0–32.3)
Suffolk County, New York	395	23.7	2.4	(19.0–28.3)
Westchester County, New York	259	20.1	2.7	(14.9–25.4)
Buncombe County, North Carolina	454	30.0	2.4	(25.4–34.6)
Guilford County, North Carolina	446	26.2	2.5	(21.2–31.1)
Mecklenburg County, North Carolina	448	24.0	2.3	(19.4–28.5)
Orange County, North Carolina	452	14.4	1.7	(11.0–17.8)
Wake County, North Carolina	453	22.0	2.2	(17.6–26.3)
Cass County, North Dakota	497	19.9	1.9	(16.3–23.6)
Cuyahoga County, Ohio	432	28.7	2.4	(23.9–33.5)
Franklin County, Ohio	467	21.4	2.0	(17.5–25.4)
Hamilton County, Ohio	527	25.7	2.1	(21.7–29.8)
Lorain County, Ohio	476	33.8	3.0	(27.9–39.7)
Cleveland County, Oklahoma	368	22.3	2.4	(17.6–26.9)
Oklahoma County, Oklahoma	1,339	24.8	1.3	(22.3–27.3)
Tulsa County, Oklahoma	1,401	24.5	1.3	(22.0–27.1)
Clackamas County, Oregon	346	22.0	2.4	(17.3–26.7)
Multnomah County, Oregon	728	21.8	1.7	(18.5–25.2)
Washington County, Oregon	482	22.1	2.0	(18.1–26.0)
Allegheny County, Pennsylvania	375	24.3	2.4	(19.6–28.9)
Philadelphia County, Pennsylvania	329	28.8	2.9	(23.1–34.4)
Kent County, Rhode Island	568	31.5	2.1	(27.3–35.7)
Newport County, Rhode Island	336	25.8	2.8	(20.4–31.2)
Providence County, Rhode Island	2,510	29.0	1.1	(26.9–31.1)
Washington County, Rhode Island	460	26.2	2.2	(21.8–30.5)
Charleston County, South Carolina	445	22.5	2.1	(18.5–26.6)
Greenville County, South Carolina	526	26.2	2.2	(22.0–30.4)
Lexington County, South Carolina	327	28.3	2.9	(22.6–34.0)
Richland County, South Carolina	478	23.3	2.2	(19.1–27.6)
York County, South Carolina	288	23.4	2.6	(18.2–28.6)

TABLE 55. (Continued) Estimated prevalence of persons who were told by a health professional that their blood pressure was high, by county — Behavioral Risk Factor Surveillance System, selected U.S. counties, 2003

County	Sample size	%	SE*	(95% CI†)
Minnehaha County, South Dakota	619	21.2	1.7	(17.9–24.6)
Pennington County, South Dakota	726	25.8	1.8	(22.3–29.3)
Shelby County, Tennessee	336	30.4	3.0	(24.6–36.3)
Dallas County, Texas	558	24.8	2.0	(20.9–28.7)
Harris County, Texas	798	23.5	1.7	(20.1–26.9)
Salt Lake County, Utah	1,015	18.1	1.3	(15.5–20.7)
Summit County, Utah	254	12.9	2.2	(8.7–17.1)
Tooele County, Utah	265	22.5	2.7	(17.2–27.8)
Weber County, Utah	267	22.4	2.9	(16.7–28.0)
Chittenden County, Vermont	921	19.1	1.4	(16.3–21.8)
Franklin County, Vermont	278	27.1	2.8	(21.5–32.6)
Windsor County, Vermont	432	26.2	2.3	(21.7–30.7)
Benton County, Washington	357	22.7	2.5	(17.8–27.5)
Chelan County, Washington	278	27.5	3.0	(21.6–33.3)
Clark County, Washington	1,004	23.4	1.5	(20.4–26.4)
Franklin County, Washington	254	21.0	3.3	(14.5–27.5)
King County, Washington	3,009	21.2	0.8	(19.6–22.8)
Kitsap County, Washington	877	23.4	1.6	(20.3–26.6)
Pierce County, Washington	1,506	24.4	1.2	(22.0–26.7)
Snohomish County, Washington	1,454	22.6	1.2	(20.2–25.0)
Spokane County, Washington	1,120	22.9	1.4	(20.2–25.6)
Thurston County, Washington	710	23.4	1.7	(20.1–26.7)
Yakima County, Washington	692	25.6	2.0	(21.8–29.5)
Kanawha County, West Virginia	402	32.6	2.6	(27.4–37.7)
Milwaukee County, Wisconsin	1,018	25.5	2.0	(21.6–29.4)
Laramie County, Wyoming	657	23.4	1.8	(19.9–26.8)
Natrona County, Wyoming	527	23.1	1.9	(19.3–26.9)

* Standard error.

† Confidence interval.

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