

**State- and Sex-Specific Prevalence of  
Selected Characteristics—  
Behavioral Risk Factor Surveillance  
System, 1992 and 1993**

**U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES**  
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<b>Subject</b>	<b>Responsible CIO/Agency*</b>	<b>Most Recent Report</b>
Abortion	NCCDPHP	1996; Vol. 45, No. SS-3
AIDS/HIV		
Distribution by Racial/Ethnic Group	NCID	1988; Vol. 37, No. SS-3
Among Black & Hispanic Children & Women of Childbearing Age	NCEHIC	1990; Vol. 39, No. SS-3
Behavioral Risk Factors	NCCDPHP	1996; Vol. 45, No. SS-6
Birth Defects		
B.D. Monitoring Program (see also Malformations)	NCEH	1993; Vol. 42, No. SS-1
Contribution of B.D. to Infant Mortality		
Among Minority Groups	NCEHIC	1990; Vol. 39, No. SS-3
Breast & Cervical Cancer	NCCDPHP	1992; Vol. 41, No. SS-2
<i>Campylobacter</i>	NCID	1988; Vol. 37, No. SS-2
Chancroid	NCPS	1992; Vol. 41, No. SS-3
Chlamydia	NCPS	1993; Vol. 42, No. SS-3
Cholera	NCID	1992; Vol. 41, No. SS-1
Congenital Malformations, Minority Groups	NCEHIC	1988; Vol. 37, No. SS-3
Contraception Practices	NCCDPHP	1992; Vol. 41, No. SS-4
Cytomegalovirus Disease, Congenital	NCID	1992; Vol. 41, No. SS-2
Dengue	NCID	1994; Vol. 43, No. SS-2
Dental Caries & Periodontal Disease Among Mexican-American Children	NCPS	1988; Vol. 37, No. SS-3
Developmental Disabilities	NCEH	1996; Vol. 45, No. SS-2
Diabetes Mellitus	NCCDPHP	1993; Vol. 42, No. SS-2
Dracunculiasis	NCID	1992; Vol. 41, No. SS-1
Ectopic Pregnancy	NCCDPHP	1993; Vol. 42, No. SS-6
Elderly, Hospitalizations Among	NCCDPHP	1991; Vol. 40, No. SS-1
Endometrial & Ovarian Cancers	EPO, NCCDPHP	1986; Vol. 35, No. 2SS
<i>Escherichia coli</i> O157	NCID	1991; Vol. 40, No. SS-1
Evacuation Camps	EPO	1992; Vol. 41, No. SS-4
Family Planning Services at Title X Clinics	NCCDPHP	1995; Vol. 44, No. SS-2
Foodborne Disease	NCID	1996; Vol. 45, No. SS-5
Gonorrhea & Syphilis, Teenagers	NCPS	1993; Vol. 42, No. SS-3
Hazardous Substances Emergency Events	ATSDR	1994; Vol. 43, No. SS-2
Health Surveillance Systems	IHPO	1992; Vol. 41, No. SS-4
Hepatitis	NCID	1985; Vol. 34, No. 1SS
Homicide	NCEHIC	1992; Vol. 41, No. SS-3
Homicides, Black Males	NCEHIC	1988; Vol. 37, No. SS-1
Hysterectomy	NCCDPHP	1986; Vol. 35, No. 1SS
Infant Mortality (see also National Infant Mortality; Birth Defects; Postneonatal Mortality)	NCEHIC	1990; Vol. 39, No. SS-3
Influenza	NCID	1993; Vol. 42, No. SS-1
Injury		
Death Rates, Blacks & Whites	NCEHIC	1988; Vol. 37, No. SS-3
Drownings	NCEHIC	1988; Vol. 37, No. SS-1
Falls, Deaths	NCEHIC	1988; Vol. 37, No. SS-1
Firearm-Related Deaths, Unintentional	NCEHIC	1988; Vol. 37, No. SS-1

**\*Abbreviations**

ATSDR	Agency for Toxic Substances and Disease Registry
CIO	Centers/Institute/Offices
EPO	Epidemiology Program Office
IHPO	International Health Program Office
NCCDPHP	National Center for Chronic Disease Prevention and Health Promotion
NCEH	National Center for Environmental Health
NCEHIC	National Center for Environmental Health and Injury Control
NCID	National Center for Infectious Diseases
NCIPC	National Center for Injury Prevention and Control
NCPS	National Center for Prevention Services
NIOSH	National Institute for Occupational Safety and Health
NIP	National Immunization Program

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**Reports Published in *CDC Surveillance Summaries* Since January 1, 1985 — Continued**


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<b>Subject</b>	<b>Responsible CIO/Agency*</b>	<b>Most Recent Report</b>
Head & Neck	NCIPC	1993; Vol. 42, No. SS-5
In Developing Countries	NCEHIC	1992; Vol. 41, No. SS-1
In the Home, Persons <15 Years of Age	NCEHIC	1988; Vol. 37, No. SS-1
Motor Vehicle-Related Deaths	NCEHIC	1988; Vol. 37, No. SS-1
Objectives of Injury Control, State & Local	NCEHIC	1988; Vol. 37, No. SS-1
Objectives of Injury Control, National	NCEHIC	1988; Vol. 37, No. SS-1
Residential Fires, Deaths	NCEHIC	1988; Vol. 37, No. SS-1
Tap Water Scalds	NCEHIC	1988; Vol. 37, No. SS-1
Lead Poisoning, Childhood	NCEHIC	1990; Vol. 39, No. SS-4
Low Birth Weight	NCCDPHP	1990; Vol. 39, No. SS-3
Malaria	NCID	1995; Vol. 44, No. SS-5
Maternal Mortality	NCCDPHP	1991; Vol. 40, No. SS-2
Measles	NCPS	1992; Vol. 41, No. SS-6
Meningococcal Disease	NCID	1993; Vol. 42, No. SS-2
Mining	NIOSH	1986; Vol. 35, No. 2SS
Mumps	NIP	1995; Vol. 44, No. SS-3
National Infant Mortality (see also Infant Mortality; Birth Defects)	NCCDPHP	1989; Vol. 38, No. SS-3
<i>Neisseria gonorrhoeae</i> , Antimicrobial Resistance in	NCPS	1993; Vol. 42, No. SS-3
Neural Tube Defects	NCEH	1995; Vol. 44, No. SS-4
Nosocomial Infection	NCID	1986; Vol. 35, No. 1SS
Occupational Injuries/Disease		
Asthma	NIOSH	1994; Vol. 43, No. SS-1
Hazards, Occupational	NIOSH	1985; Vol. 34, No. 2SS
In Meatpacking Industry	NIOSH	1985; Vol. 34, No. 1SS
Silicosis	NIOSH	1993; Vol. 42, No. SS-5
State Activities	NIOSH	1987; Vol. 36, No. SS-2
Parasites, Intestinal	NCID	1991; Vol. 40, No. SS-4
Pediatric Nutrition	NCCDPHP	1992; Vol. 41, No. SS-7
Pertussis	NCPS	1992; Vol. 41, No. SS-8
Plague	NCID	1985; Vol. 34, No. 2SS
Plague, American Indians	NCID	1988; Vol. 37, No. SS-3
Poliomyelitis	NCPS	1992; Vol. 41, No. SS-1
Postneonatal Mortality	NCCDPHP	1991; Vol. 40, No. SS-2
Pregnancy Nutrition	NCCDPHP	1992; Vol. 41, No. SS-7
Pregnancy, Teenage	NCCDPHP	1993; Vol. 42, No. SS-6
Rabies	NCID	1989; Vol. 38, No. SS-1
Racial/Ethnic Minority Groups	Various	1990; Vol. 39, No. SS-3
Respiratory Disease	NCEHIC	1992; Vol. 41, No. SS-4
Rotavirus	NCID	1992; Vol. 41, No. SS-3
<i>Salmonella</i>	NCID	1988; Vol. 37, No. SS-2
Sexually Transmitted Diseases in Italy	NCPS	1992; Vol. 41, No. SS-1
Smoking	NCCDPHP	1990; Vol. 39, No. SS-3
Smoking-Attributable Mortality	NCCDPHP	1994; Vol. 43, No. SS-1
Tobacco Control Laws, State	NCCDPHP	1995; Vol. 44, No. SS-6
Tobacco-Use Behaviors	NCCDPHP	1994; Vol. 43, No. SS-3
Spina Bifida	NCEH	1996; Vol. 45, No. SS-2
Streptococcal Disease (Group B)	NCID	1992; Vol. 41, No. SS-6
Sudden Unexplained Death Syndrome Among Southeast Asian Refugees	NCEHIC, NCPS	1987; Vol. 36, No. 1SS
Suicides, Persons 15-24 Years of Age	NCEHIC	1988; Vol. 37, No. SS-1
Syphilis, Congenital	NCPS	1993; Vol. 42, No. SS-6
Syphilis, Primary & Secondary	NCPS	1993; Vol. 42, No. SS-3
Tetanus	NCPS	1992; Vol. 41, No. SS-8
Trichinosis	NCID	1991; Vol. 40, No. SS-3
Tuberculosis	NCPS	1991; Vol. 40, No. SS-3
Waterborne Disease Outbreaks	NCID	1996; Vol. 45, No. SS-1
Years of Potential Life Lost	EPO	1992; Vol. 41, No. SS-6
Youth Risk Behaviors	NCCDPHP	1996; Vol. 45, No. SS-4

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## State- and Sex-Specific Prevalence of Selected Characteristics—Behavioral Risk Factor Surveillance System, 1992 and 1993

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### **Abstract**

**Problem/Condition:** Much chronic disease and injury morbidity and mortality is associated with high-risk behaviors (e.g., cigarette smoking, excessive alcohol consumption, and physical inactivity) and with lack of preventive health care (e.g., screening for cancer). States use the Behavioral Risk Factor Surveillance System (BRFSS) to collect data about these modifiable health behaviors and to monitor trends and significant changes in their populations over time.

**Reporting Period:** 1992 and 1993.

**Description of System:** The BRFSS is a state-based telephone survey of the civilian, noninstitutionalized, adult (persons  $\geq 18$  years of age) population. In 1992, 48 states and the District of Columbia participated in the BRFSS; in 1993, 49 states and the District of Columbia participated. Several questions were added to the BRFSS in 1993.

**Results:** As in previous years, state-specific variations occurred in the prevalence of high-risk behaviors, awareness of certain medical conditions, use of preventive health services, and health-care coverage. In 1993, 4.0% (range: 1.4%–6.4%) of adults reported riding with a driver who had had too much alcohol to drink. The percentage of persons  $\geq 50$  years of age who had ever had a proctoscopic examination ranged from 25.6% to 51.5% (median: 36.8%). Among adults  $\geq 65$  years of age, 27.4% (range: 18.5%–40.0%) had ever had a pneumococcal vaccination, and 49.9% (range: 28.7%–66.2%) had had an influenza vaccination within the past 1 year.

**Interpretation:** The variations in prevalence across states likely reflect socioeconomic differences, differences in state laws enacted to discourage risky behaviors, different levels of effort to screen for certain types of cancer or risk factors for other diseases, and other factors.

**Action Taken:** States will continue to use the BRFSS to collect data about health behaviors. Analysis of these data will enable states to monitor factors that may affect the

rate of chronic disease and injury mortality and morbidity and to develop public health policies to address these problems.

## INTRODUCTION

Behaviors such as cigarette smoking, excessive alcohol consumption, and physical inactivity are major contributors to chronic disease and injury morbidity and mortality in the United States. Preventive health practices such as cholesterol screening, mammography, and proctoscopy can help identify early stages of and thus reduce the death rate from chronic diseases (e.g., heart disease, breast cancer, and prostate cancer). Increasing the use of screening for chronic diseases and reducing high-risk behaviors are among the goals of the year 2000 national health objectives (1).

The Behavioral Risk Factor Surveillance System (BRFSS) is a continuous, state-based surveillance system that gathers information monthly about modifiable risk factors for chronic diseases and other leading causes of death. This system is used to measure achievement toward both the national health objectives (1) and specific state objectives. This report is the latest in a series that summarizes yearly BRFSS data. It presents state- and sex-specific data for 1992 and 1993 concerning a) risk factors for chronic diseases; b) factors that place persons at risk for injury; c) awareness of certain medical conditions that place persons at risk for developing chronic diseases; d) screenings related to cardiovascular diseases and cancer of the cervix, breast, and colon; e) vaccinations; and f) lack of health-care coverage (which is often a prerequisite for access to clinical preventive health services).

The use, history, and rationale of the BRFSS have been previously described (2,3). In 1992, all states\* except Arkansas and Wyoming participated in the BRFSS; Arkansas joined in 1993 (Appendix B). The data collected in 1992 and 1993 are presented separately; statistical comparisons between the 2 years of data were not made.

## METHODS

### Sampling

Each state health department used random digit dialing to select samples of adults in households with telephones. The samples represented each state's civilian, non-institutionalized, adult (persons  $\geq 18$  years of age) population. Most states used three-stage cluster sampling based on the Waksberg method (4); other states used simple random, stratified random, or other sampling designs.

### Questionnaire

The 1992 BRFSS questionnaire consisted of a) a core set of questions asked in all participating states, b) optional questions on selected topics developed by CDC and asked at the discretion of each state, and c) questions developed and asked in a particular state to meet a specific need for information. In 1993, two additional components were added to the BRFSS questionnaire: d) a rotating set of core questions asked every other year and e) questions addressing emerging health-care issues

\*For simplicity in this report, the term *states* includes the District of Columbia.



and requiring timely data collection. The rotating core question on leisure-time physical activity was asked by all participating states in 1992 but not in 1993. Rotating core questions for 1993 were about riding with a driver who had been drinking alcohol, colorectal cancer screening, and two kinds of vaccinations. Several changes were made to the questions asked in 1992 and 1993. In 1993, an introductory phrase about kinds of alcohol and when people drink was dropped, and gestational diabetes was excluded from the question on diabetes awareness. Changes in the questions on screening for cervical cancer and breast cancer were made both from 1991 to 1992 and from 1992 to 1993.

The questions on cervical cancer screening were asked only of women with an intact uterine cervix. In 1992, the introduction to the questions on Papanicolaou (Pap) smears was "These next questions are about Pap smears. A Pap smear is a test where material is taken from the cervix, that is the mouth of the womb, to see if any cancer cells are present. Have you ever had a Pap smear?" In 1993, the introduction was simplified to "A Pap smear is a test for cancer of the cervix. Have you ever had a Pap smear?"

In 1992, the introduction to the questions on mammograms was "I would like to ask you a few questions about a medical exam called a mammogram. A mammogram is an X-ray of the breast and involves pressing the breast between two plastic plates. Have you ever had a mammogram?" In 1993, the introduction was simplified to "A mammogram is an X-ray of the breast to look for cancer. Have you ever had a mammogram?"

In 1992, the introduction to the questions on clinical breast examinations was "The next questions are about a clinical breast exam. During this exam, the breast is felt for lumps by a doctor, nurse, or other medical professional. Have you ever had a clinical breast exam?" In 1993, the introduction was simplified to "A clinical breast exam is when a doctor, nurse, or other health professional feels the breast for lumps. Have you ever had a clinical breast exam?"

For comparability across studies, some BRFSS questions were based on those from the National Health Interview Survey (NHIS) or the National Health and Nutrition Examination Survey (NHANES). However, because these studies collected data by different means (BRFSS: telephone survey; NHIS: in-person interview; NHANES: physical examination), the phrasing of each question sometimes differed among surveys.

## **Data Collection and Processing**

In each state, during the interview period in each month, BRFSS data were collected from the randomly selected population. When the monthly interviewing cycle ended, the data were sent to CDC. CDC edited the data and checked the reliability of the data collected.

A computer-assisted telephone interviewing (CATI) system, which permits direct entry of data into a computer file during an interview, was used in 35 states in 1992 and 37 states in 1993. By facilitating data coding, data entry, and the monitoring of interviewers, CATI helps reduce errors in data collection.

## Data Weighting and Analysis

CDC aggregated the edited monthly data files to create a yearly sample for each state. Each state's yearly data file was weighted to both the respondent's probability of selection and the age- and sex-specific or the race-, age-, and sex-specific population from the most current census data (or intercensal estimates) for each state (2,5). CDC used these weighted data to estimate the prevalence of risk factors for each state's population. SUDAAN, a software package for analyzing complex survey data, was used to calculate the standard errors and the 95% confidence intervals for the prevalence estimates (6).

In 1992, the number of interviews completed in each state ranged from 1,188 to 3,988 (men: 515–1,802; women: 673–2,186). In 1993, the number of interviews completed ranged from 1,189 to 4,361 (men: 493–1,771; women: 696–2,590). Response rates for completed interviews ranged from 42.8% to 94.8% in 1992 and from 62.6% to 96.4% in 1993.

## RESULTS

### Risk Factors for Chronic Diseases

#### *Overweight*

A body mass index of  $\geq 27.8$  kg/m<sup>2</sup> for men and  $\geq 27.3$  kg/m<sup>2</sup> for women is considered overweight. These values approximate the sex-specific 85th percentile of body mass index estimated from NHANES II for persons 20–29 years of age in the United States. In 1992, the prevalence of adults who reported being overweight ranged from 17.3% in Colorado to 29.7% in Mississippi (median: 24.4%) (Table 1). In 1993, the prevalence of overweight adults ranged from 20.2% in Arizona and Hawaii to 31.7% in Mississippi (median: 25.5%). In both years, men were slightly more likely than women to report being overweight (1992: 25.2% vs. 23.1%; 1993: 26.9% vs. 24.4%).

#### *No Leisure-Time Physical Activity*

The question about lack of leisure-time physical activity (i.e., no exercise, recreation, or physical activities [other than regular job duties] during the previous month) was asked in all participating states in 1992 only. The percentage of adults who did not engage in any leisure-time physical activity varied by states nearly threefold, from 17.1% in Colorado to 48.1% in Mississippi (median: 27.4%) (Table 2). The median percentage of adults who reported no leisure-time physical activity was slightly lower for men (26.8%) than for women (29.8%).

#### *High Alcohol Consumption*

Until 1993, an introductory phrase about kinds of alcohol and when people drink was read before the questions on alcohol consumption were asked. In 1993, this introduction was dropped.

**Drinking Pattern I.** In 1992 and 1993, the percentage of adults who reported binge drinking (i.e., consumption of five or more alcoholic beverages on at least one

**TABLE 1. Percentage of adults who reported being overweight,\* by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI) <sup>†</sup>	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	23.7	(2.9)	21.9	(2.5)	22.7	(2.0)	26.2	(3.3)	22.9	(2.5)	24.5	(2.2)
Alaska	24.0	(4.5)	24.8	(4.1)	24.4	(3.1)	23.9	(4.7)	23.5	(3.9)	23.7	(3.1)
Arizona	18.3	(3.5)	20.6	(3.5)	19.5	(2.4)	21.0	(4.3)	19.5	(3.1)	20.2	(2.7)
Arkansas							31.8	(3.7)	28.6	(2.9)	30.1	(2.4)
California	23.2	(2.2)	21.5	(2.0)	22.3	(1.4)	24.8	(2.5)	24.3	(2.0)	24.5	(1.6)
Colorado	17.1	(2.9)	17.6	(2.5)	17.3	(2.0)	22.5	(3.3)	19.4	(2.7)	20.9	(2.2)
Connecticut	22.1	(3.3)	18.1	(2.5)	20.0	(2.0)	25.3	(3.5)	18.6	(2.5)	21.8	(2.2)
Delaware	24.2	(3.7)	26.0	(3.1)	25.1	(2.5)	28.1	(3.3)	25.2	(2.7)	26.6	(2.0)
District of Columbia	22.2	(3.7)	26.9	(3.3)	24.8	(2.5)	12.7	(2.7)	27.7	(3.3)	20.9	(2.4)
Florida	25.0	(2.7)	23.5	(2.4)	24.2	(1.8)	27.1	(2.7)	25.4	(2.2)	26.2	(1.8)
Georgia	21.6	(3.1)	25.3	(2.9)	23.5	(2.2)	23.6	(3.1)	24.6	(2.7)	24.1	(2.0)
Hawaii	23.5	(3.1)	16.2	(2.5)	19.9	(2.2)	22.4	(3.3)	18.0	(2.7)	20.2	(2.2)
Idaho	24.3	(3.1)	22.2	(2.7)	23.2	(2.2)	25.1	(4.1)	24.2	(2.9)	24.6	(2.5)
Illinois	27.4	(3.3)	24.9	(2.5)	26.1	(2.2)	25.5	(3.3)	25.7	(2.7)	25.6	(2.2)
Indiana	27.1	(2.9)	26.1	(2.4)	26.5	(2.0)	28.7	(3.3)	31.8	(3.1)	30.3	(2.2)
Iowa	30.5	(3.5)	23.6	(2.9)	26.9	(2.4)	31.7	(3.3)	24.7	(2.9)	28.0	(2.2)
Kansas	25.2	(3.5)	25.8	(3.3)	25.5	(2.5)	25.4	(3.5)	22.5	(3.1)	23.9	(2.4)
Kentucky	26.9	(3.1)	27.8	(2.7)	27.3	(2.0)	30.4	(3.1)	26.0	(2.5)	28.1	(2.0)
Louisiana	28.0	(3.5)	29.2	(2.9)	28.6	(2.4)	28.9	(3.9)	28.2	(2.9)	28.5	(2.4)
Maine	26.4	(3.9)	21.1	(3.3)	23.6	(2.5)	28.5	(4.1)	25.0	(3.5)	26.7	(2.7)
Maryland	24.9	(3.3)	24.1	(2.7)	24.5	(2.2)	25.1	(2.2)	24.7	(2.0)	24.9	(1.4)
Massachusetts	25.5	(3.7)	20.8	(3.1)	23.0	(2.4)	26.8	(3.7)	19.5	(2.7)	22.9	(2.4)
Michigan	31.5	(3.1)	26.8	(2.5)	29.0	(2.0)	29.6	(2.9)	27.9	(2.5)	28.7	(2.0)
Minnesota	26.8	(2.4)	22.1	(2.0)	24.4	(1.6)	29.0	(2.4)	25.2	(2.2)	27.0	(1.6)
Mississippi	26.8	(3.9)	32.2	(3.3)	29.7	(2.5)	30.3	(4.1)	32.9	(3.3)	31.7	(2.5)
Missouri	29.9	(4.1)	25.0	(3.1)	27.3	(2.5)	29.3	(3.7)	23.6	(3.1)	26.3	(2.4)
Montana	23.6	(4.1)	23.1	(3.5)	23.3	(2.7)	26.4	(4.3)	20.9	(3.5)	23.6	(2.7)
Nebraska	24.3	(3.5)	22.3	(2.9)	23.2	(2.2)	27.4	(3.3)	26.0	(2.9)	26.7	(2.2)
Nevada	24.7	(3.9)	19.9	(2.7)	22.3	(2.4)	25.5	(3.5)	21.1	(2.7)	23.3	(2.2)
New Hampshire	24.7	(3.3)	21.2	(3.1)	22.9	(2.4)	25.8	(3.5)	21.2	(3.1)	23.4	(2.4)
New Jersey	19.9	(3.5)	21.0	(3.1)	20.5	(2.4)	25.1	(3.7)	19.0	(2.9)	21.9	(2.4)
New Mexico	22.2	(3.9)	21.4	(3.1)	21.8	(2.5)	24.2	(3.7)	21.5	(3.3)	22.8	(2.5)
New York	26.2	(2.9)	23.3	(2.7)	24.7	(2.0)	28.5	(3.1)	22.6	(2.5)	25.3	(2.0)
North Carolina	26.1	(3.3)	22.8	(2.5)	24.4	(2.0)	28.4	(2.9)	25.3	(2.5)	26.8	(2.0)
North Dakota	28.0	(3.3)	27.2	(2.9)	27.6	(2.2)	30.5	(3.3)	24.0	(2.9)	27.2	(2.2)
Ohio	26.1	(3.9)	26.4	(3.5)	26.2	(2.5)	26.3	(3.9)	23.3	(3.1)	24.7	(2.5)
Oklahoma	26.6	(4.1)	25.7	(3.1)	26.1	(2.5)	25.7	(3.5)	28.2	(3.3)	27.0	(2.5)
Oregon	26.8	(2.4)	21.9	(2.0)	24.3	(1.6)	24.2	(2.5)	23.1	(2.4)	23.6	(1.8)
Pennsylvania	28.6	(2.9)	26.9	(2.5)	27.7	(2.0)	29.0	(2.9)	28.6	(2.5)	28.8	(2.0)
Rhode Island	23.5	(3.3)	22.8	(2.9)	23.1	(2.2)	25.4	(3.1)	21.5	(2.7)	23.4	(2.2)
South Carolina	26.6	(3.5)	24.2	(2.7)	25.3	(2.2)	29.3	(3.7)	27.1	(2.9)	28.2	(2.4)
South Dakota	27.9	(3.5)	21.3	(2.5)	24.5	(2.2)	29.6	(3.5)	26.3	(2.9)	27.9	(2.2)
Tennessee	26.0	(2.7)	22.1	(2.4)	23.9	(1.8)	27.1	(2.7)	27.5	(2.4)	27.3	(1.8)
Texas	24.3	(2.9)	26.2	(2.5)	25.3	(2.0)	28.9	(3.1)	23.5	(2.5)	26.1	(2.0)
Utah	22.8	(3.3)	20.5	(2.7)	21.6	(2.2)	24.4	(3.3)	20.6	(2.7)	22.5	(2.2)
Vermont	23.1	(2.9)	19.8	(2.5)	21.4	(2.0)	24.6	(3.3)	21.0	(2.5)	22.8	(2.2)
Virginia	25.5	(3.5)	21.9	(2.7)	23.6	(2.2)	29.2	(3.5)	22.0	(2.9)	25.5	(2.4)
Washington	22.6	(2.5)	18.8	(2.2)	20.7	(1.8)	27.5	(2.7)	24.6	(2.5)	26.0	(1.8)
West Virginia	30.8	(3.1)	28.4	(2.5)	29.5	(2.0)	31.2	(3.3)	31.1	(2.5)	31.1	(2.0)
Wisconsin	33.5	(3.9)	25.3	(3.3)	29.3	(2.5)	28.0	(3.7)	26.7	(3.3)	27.3	(2.5)
<b>Median</b>	<b>25.2</b>		<b>23.1</b>		<b>24.4</b>		<b>26.9</b>		<b>24.4</b>		<b>25.5</b>	
<b>Low</b>	<b>17.1</b>		<b>16.2</b>		<b>17.3</b>		<b>12.7</b>		<b>18.0</b>		<b>20.2</b>	
<b>High</b>	<b>33.5</b>		<b>32.2</b>		<b>29.7</b>		<b>31.8</b>		<b>32.9</b>		<b>31.7</b>	

\* Body mass index  $\geq 27.8$  kg/m<sup>2</sup> for men and  $\geq 27.3$  kg/m<sup>2</sup> for women.

† Confidence interval.

**TABLE 2. Percentage of adults who reported no leisure-time physical activity,\* by sex — Behavioral Risk Factor Surveillance System, 1992**

State	Men		Women		Total	
	%	(±95% CI†)	%	(±95% CI)	%	(±95% CI)
Alabama	32.5	(3.5)	30.7	(2.9)	31.5	(2.4)
Alaska	19.6	(4.3)	25.9	(4.5)	22.5	(3.1)
Arizona	22.6	(3.7)	26.6	(3.9)	24.7	(2.7)
California	19.0	(2.2)	26.0	(2.0)	22.5	(1.4)
Colorado	15.3	(2.7)	18.9	(2.7)	17.1	(2.0)
Connecticut	28.1	(3.5)	31.3	(2.9)	29.7	(2.4)
Delaware	27.8	(4.1)	34.0	(3.3)	31.1	(2.7)
District of Columbia	33.5	(4.5)	42.4	(3.7)	38.3	(2.9)
Florida	24.3	(2.7)	29.2	(2.5)	26.9	(1.8)
Georgia	39.1	(3.7)	40.0	(3.5)	39.6	(2.5)
Hawaii	21.7	(3.5)	30.8	(3.5)	26.3	(2.5)
Idaho	21.2	(3.1)	19.3	(2.7)	20.2	(2.2)
Illinois	31.0	(3.5)	34.8	(2.9)	33.0	(2.2)
Indiana	18.9	(2.7)	29.8	(2.5)	24.6	(2.0)
Iowa	38.8	(3.7)	33.9	(3.3)	36.2	(2.5)
Kansas	26.7	(3.5)	31.0	(3.5)	28.9	(2.5)
Kentucky	38.6	(3.5)	44.2	(2.9)	41.6	(2.4)
Louisiana	32.4	(3.9)	37.2	(3.5)	34.9	(2.7)
Maine	40.7	(4.3)	33.3	(3.9)	36.8	(2.9)
Maryland	26.6	(3.3)	37.5	(3.1)	32.3	(2.4)
Massachusetts	18.6	(3.3)	24.8	(3.3)	21.9	(2.4)
Michigan	23.6	(2.9)	25.3	(2.5)	24.5	(2.0)
Minnesota	17.4	(2.2)	20.0	(2.0)	18.7	(1.6)
Mississippi	47.8	(4.3)	48.4	(3.5)	48.1	(2.7)
Missouri	31.2	(3.9)	33.1	(3.3)	32.2	(2.5)
Montana	17.0	(3.7)	18.7	(3.1)	17.9	(2.4)
Nebraska	27.2	(3.5)	26.4	(3.1)	26.8	(2.4)
Nevada	21.2	(3.7)	26.3	(3.1)	23.7	(2.5)
New Hampshire	22.2	(3.5)	25.4	(3.3)	23.9	(2.4)
New Jersey	29.9	(4.1)	34.5	(3.5)	32.3	(2.7)
New Mexico	26.8	(4.3)	31.9	(4.1)	29.5	(3.1)
New York	29.6	(3.1)	36.2	(2.9)	33.1	(2.2)
North Carolina	33.2	(3.3)	35.2	(2.9)	34.2	(2.4)
North Dakota	27.1	(3.5)	27.0	(2.9)	27.0	(2.4)
Ohio	31.3	(4.1)	33.5	(3.7)	32.5	(2.7)
Oklahoma	33.4	(4.3)	34.1	(3.3)	33.8	(2.9)
Oregon	19.4	(2.2)	21.0	(2.0)	20.2	(1.4)
Pennsylvania	23.6	(2.9)	28.7	(2.7)	26.3	(2.0)
Rhode Island	21.4	(3.3)	29.4	(3.3)	25.6	(2.4)
South Carolina	32.8	(3.9)	38.6	(3.5)	35.8	(2.5)
South Dakota	31.5	(3.7)	28.0	(2.9)	29.7	(2.4)
Tennessee	36.1	(3.1)	39.5	(2.7)	37.9	(2.2)
Texas	25.5	(3.1)	29.2	(2.7)	27.4	(2.2)
Utah	20.3	(3.1)	23.1	(2.7)	21.7	(2.2)
Vermont	27.4	(3.3)	24.2	(2.7)	25.7	(2.2)
Virginia	23.8	(3.5)	27.8	(3.1)	25.8	(2.4)
Washington	18.2	(2.5)	19.1	(2.2)	18.7	(1.6)
West Virginia	40.6	(3.5)	40.9	(2.7)	40.8	(2.4)
Wisconsin	23.2	(3.3)	22.6	(3.1)	22.9	(2.4)
<b>Median</b>	<b>26.8</b>		<b>29.8</b>		<b>27.4</b>	
<b>Low</b>	<b>15.3</b>		<b>18.7</b>		<b>17.1</b>	
<b>High</b>	<b>47.8</b>		<b>48.4</b>		<b>48.1</b>	

\* No exercise, recreation, or physical activities (other than regular job duties) during the previous month.

† Confidence interval.

occasion during the previous month) varied approximately fivefold among states (Table 3). In 1992, this percentage ranged from 5.4% in Tennessee to 24.5% in Wisconsin (median: 14.3%); in 1993, it ranged from 4.2% in Tennessee to 22.8% in Wisconsin (median: 14.2%). Approximately three times as many men as women reported binge drinking in 1992 (21.9% vs. 6.9%) and 1993 (21.1% vs. 7.3%).

**Drinking Pattern II.** In 1992, the percentage of adults who reported chronic drinking (i.e., consumption of 60 or more alcoholic beverages during the previous month) ranged from 1.7% in West Virginia to 6.8% in Nevada (median: 2.9%) (Table 4). In 1993, the prevalence of this drinking pattern ranged from 1.4% in Tennessee to 6.1% in Nevada (median: 3.0%). Men were more than six times as likely as women to report chronic drinking in 1992 (5.1% vs. 0.8%) and 1993 (5.3% vs. 0.8%).

### ***Cigarette Smoking***

**Smoking Among Adults.** The prevalence of adults who reported being current cigarette smokers and having smoked at least 100 cigarettes varied twofold among states (Table 5). In 1992, the prevalence ranged from 15.7% in Utah to 30.7% in Nevada (median: 23.0%), and in 1993, it ranged from 14.4% in Utah to 30.1% in Kentucky (median: 22.5%). The median prevalence of smoking was slightly higher for men than for women in 1992 (24.7% vs. 21.6%) and 1993 (23.9% vs. 21.1%).

**Smoking Among Young Adults.** CDC's Office of Smoking and Health has used smoking prevalence among persons 20–24 years of age as an indicator of smoking initiation in the U.S. general population. However, because sample sizes for this narrow age group were likely to be small at the state level, the age span of 18–29 years was used for this question in the BRFSS. In addition, data from states that participated in the BRFSS in both 1992 and 1993 were aggregated to compensate for the small sample sizes and large confidence intervals that could occur from 1 year of state data. The percentage of young adults who reported being current cigarette smokers and having smoked at least 100 cigarettes ranged from 15.1% in the District of Columbia to 31.2% in Alaska (median: 24.8%) (Table 6). The smoking rate was similar for young men (25.6%) and young women (25.0%). In most states, the smoking rate for young adults was higher than that for all adults.

## **Risk Factors for Personal Injury**

### ***Safety Belt Use***

In 1992 and 1993, the percentage of adults who reported that they always wore a safety belt while driving or riding in a car varied more than threefold among states (Table 7). In 1992, the percentage ranged from 25.2% in South Dakota to 88.4% in Hawaii (median: 61.0%), and in 1993, it ranged from 24.9% in South Dakota to 89.8% in Hawaii (median: 62.6%). The median prevalence was more than 13 percentage points lower for men than for women in 1992 (55.0% vs. 68.4%) and 1993 (54.5% vs. 68.1%).

**TABLE 3. Percentage of adults who reported binge drinking,\* by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993†					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI) <sup>§</sup>	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	17.9	(2.7)	5.2	(1.4)	11.2	(1.6)	13.7	(2.5)	3.4	(1.2)	8.2	(1.4)
Alaska	34.7	(5.5)	11.7	(3.3)	23.9	(3.5)	26.1	(4.7)	11.5	(3.5)	19.2	(3.1)
Arizona	12.0	(3.5)	6.3	(2.2)	9.0	(2.0)	15.8	(3.7)	4.8	(2.2)	10.2	(2.2)
Arkansas							18.0	(3.1)	3.8	(1.2)	10.5	(1.8)
California	26.9	(2.4)	8.6	(1.4)	17.7	(1.4)	23.7	(2.5)	7.6	(1.4)	15.6	(1.6)
Colorado	30.7	(3.5)	8.7	(2.0)	19.4	(2.2)	24.3	(3.3)	9.3	(2.0)	16.7	(2.2)
Connecticut	20.4	(3.3)	8.2	(2.0)	14.0	(2.0)	21.3	(3.3)	7.8	(1.8)	14.2	(1.8)
Delaware	24.0	(3.9)	6.0	(2.2)	14.6	(2.2)	21.2	(3.3)	7.8	(1.8)	14.2	(1.8)
District of Columbia	18.0	(3.7)	4.9	(1.6)	10.9	(2.0)	10.5	(2.9)	5.8	(2.2)	8.0	(1.8)
Florida	21.2	(2.7)	5.3	(1.2)	12.8	(1.6)	22.5	(2.5)	6.8	(1.2)	14.3	(1.4)
Georgia	11.0	(2.2)	4.0	(1.6)	7.3	(1.4)	16.3	(2.9)	5.5	(1.8)	10.6	(1.8)
Hawaii	28.2	(3.5)	7.5	(2.0)	17.7	(2.0)	25.2	(3.3)	5.2	(1.4)	15.1	(1.8)
Idaho	15.5	(2.9)	3.9	(1.4)	9.6	(1.6)	19.8	(3.7)	7.9	(2.0)	13.8	(2.2)
Illinois	22.7	(3.3)	6.7	(1.6)	14.3	(1.8)	19.8	(2.9)	8.3	(1.8)	13.7	(1.8)
Indiana	20.5	(2.7)	6.9	(1.6)	13.4	(1.6)	20.6	(2.9)	8.5	(2.0)	14.3	(1.8)
Iowa	16.2	(2.9)	6.6	(2.0)	11.1	(1.8)	19.8	(2.9)	5.8	(1.6)	12.5	(1.8)
Kansas	14.1	(2.9)	5.2	(2.0)	9.5	(1.8)	15.4	(2.9)	6.4	(2.0)	10.7	(1.8)
Kentucky	17.1	(2.9)	2.8	(1.0)	9.5	(1.6)	15.2	(2.4)	3.7	(1.2)	9.2	(1.4)
Louisiana	24.4	(3.5)	7.1	(2.0)	15.2	(2.0)	25.5	(3.7)	6.1	(1.8)	15.3	(2.0)
Maine	14.0	(3.3)	4.7	(1.8)	9.2	(1.8)	18.4	(3.9)	5.1	(1.8)	11.5	(2.2)
Maryland	14.7	(2.7)	3.3	(1.2)	8.7	(1.4)	15.0	(1.8)	4.4	(1.0)	9.5	(1.0)
Massachusetts	29.7	(3.9)	11.8	(2.5)	20.2	(2.4)	29.5	(3.9)	11.1	(2.4)	19.8	(2.4)
Michigan	28.4	(2.9)	9.6	(1.8)	18.6	(1.8)	27.1	(2.9)	10.5	(2.0)	18.5	(1.8)
Minnesota	30.2	(2.5)	10.6	(1.6)	20.1	(1.6)	27.7	(2.5)	11.2	(1.6)	19.2	(1.6)
Mississippi	18.8	(3.5)	4.1	(1.4)	10.9	(1.8)	14.5	(3.1)	3.3	(1.4)	8.5	(1.6)
Missouri	20.6	(3.3)	8.6	(2.0)	14.2	(2.0)	21.7	(3.3)	7.7	(2.0)	14.3	(2.0)
Montana	24.6	(4.3)	10.1	(2.4)	17.2	(2.5)	22.2	(3.9)	8.4	(2.4)	15.1	(2.4)
Nebraska	24.9	(3.7)	7.9	(2.0)	16.0	(2.2)	25.4	(3.3)	9.7	(2.0)	17.2	(2.0)
Nevada	31.9	(4.1)	10.0	(2.2)	21.1	(2.4)	27.4	(3.7)	9.7	(2.0)	18.7	(2.2)
New Hampshire	27.4	(3.9)	11.3	(2.9)	19.1	(2.4)	30.5	(3.9)	11.0	(2.5)	20.4	(2.4)
New Jersey	17.3	(3.3)	6.2	(1.8)	11.5	(2.0)	22.4	(3.7)	6.4	(2.0)	14.0	(2.2)
New Mexico	24.1	(4.5)	5.5	(1.8)	14.6	(2.5)	21.0	(3.7)	5.5	(1.8)	13.0	(2.2)
New York	21.3	(2.7)	6.4	(1.6)	13.4	(1.6)	20.8	(2.9)	10.0	(2.0)	15.1	(1.8)
North Carolina	14.4	(2.5)	2.8	(1.0)	8.4	(1.4)	14.0	(2.4)	2.8	(1.0)	8.1	(1.4)
North Dakota	24.7	(3.1)	8.7	(2.0)	16.6	(2.0)	26.1	(3.1)	9.2	(2.2)	17.5	(2.0)
Ohio	18.0	(3.5)	5.1	(2.0)	11.2	(2.0)	20.6	(4.1)	6.3	(2.0)	13.0	(2.4)
Oklahoma	17.4	(3.7)	4.1	(1.4)	10.4	(2.0)	10.8	(2.5)	4.1	(1.6)	7.3	(1.6)
Oregon	22.0	(2.4)	8.0	(1.4)	14.8	(1.4)	23.4	(2.5)	7.3	(1.6)	15.1	(1.4)
Pennsylvania	28.6	(3.1)	8.6	(1.8)	18.0	(1.8)	27.0	(2.9)	9.5	(1.8)	17.8	(1.8)
Rhode Island	27.8	(3.5)	9.0	(2.0)	17.8	(2.0)	28.6	(3.3)	9.7	(2.2)	18.6	(2.2)
South Carolina	16.7	(3.1)	4.5	(1.4)	10.3	(1.8)	16.5	(2.9)	3.5	(1.2)	9.7	(1.6)
South Dakota	24.2	(3.3)	7.4	(1.8)	15.6	(2.0)	19.4	(3.1)	7.8	(2.2)	13.4	(2.0)
Tennessee	9.3	(2.0)	1.9	(0.6)	5.4	(1.0)	6.9	(1.6)	1.8	(0.6)	4.2	(0.8)
Texas	29.9	(3.3)	9.1	(1.8)	19.2	(2.0)	27.5	(3.3)	7.6	(1.8)	17.3	(2.0)
Utah	16.4	(2.9)	5.2	(1.6)	10.7	(1.6)	17.2	(2.9)	6.8	(1.8)	11.9	(1.8)
Vermont	23.3	(3.1)	7.7	(1.8)	15.2	(1.8)	25.5	(3.5)	8.5	(2.0)	16.7	(2.0)
Virginia	21.9	(3.3)	8.5	(2.2)	15.0	(2.0)	20.8	(3.1)	7.4	(1.8)	13.9	(2.0)
Washington	24.2	(2.9)	9.3	(1.8)	16.6	(1.8)	23.6	(2.5)	7.2	(1.6)	15.2	(1.6)
West Virginia	15.4	(2.5)	3.0	(1.0)	8.8	(1.4)	11.6	(2.4)	3.1	(1.0)	7.1	(1.2)
Wisconsin	33.2	(3.9)	16.5	(2.9)	24.5	(2.5)	31.8	(3.7)	14.5	(2.7)	22.8	(2.4)
<b>Median</b>	<b>21.9</b>		<b>6.9</b>		<b>14.3</b>		<b>21.1</b>		<b>7.3</b>		<b>14.2</b>	
<b>Low</b>	<b>9.3</b>		<b>1.9</b>		<b>5.4</b>		<b>6.9</b>		<b>1.8</b>		<b>4.2</b>	
<b>High</b>	<b>34.7</b>		<b>16.5</b>		<b>24.5</b>		<b>31.8</b>		<b>14.5</b>		<b>22.8</b>	

\* Consumption of five or more alcoholic beverages on at least one occasion (i.e., drinking pattern I) during the previous month.

† Until 1993, an introductory phrase about kinds of alcohol and when people drink was read before the questions on alcohol consumption were asked. In 1993, this introduction was dropped.

§ Confidence interval.

**TABLE 4. Percentage of adults who reported chronic drinking,\* by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993 <sup>†</sup>					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI) <sup>§</sup>	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	3.5	(1.2)	0.3	(0.4)	1.8	(0.6)	3.4	(1.4)	0.5	(0.4)	1.9	(0.8)
Alaska	9.2	(3.7)	0.8	(0.6)	5.2	(2.0)	8.6	(2.9)	1.6	(1.2)	5.3	(1.6)
Arizona	3.0	(1.4)	0.8	(0.6)	1.9	(0.8)	3.9	(2.0)	0.8	(0.8)	2.3	(1.0)
Arkansas							5.0	(1.8)	0.8	(0.6)	2.8	(1.0)
California	7.4	(1.4)	1.3	(0.6)	4.3	(0.8)	7.8	(1.6)	1.8	(0.8)	4.7	(0.8)
Colorado	8.2	(2.0)	1.1	(0.6)	4.6	(1.0)	6.9	(2.2)	2.0	(1.0)	4.4	(1.2)
Connecticut	4.3	(1.6)	0.4	(0.4)	2.3	(0.8)	5.9	(2.0)	1.0	(0.6)	3.3	(1.0)
Delaware	6.4	(2.2)	1.1	(0.8)	3.6	(1.2)	6.6	(2.0)	1.0	(0.6)	3.7	(1.0)
District of Columbia	5.1	(2.0)	1.1	(0.8)	2.9	(1.0)	4.7	(2.0)	3.1	(1.6)	3.9	(1.2)
Florida	8.4	(2.2)	1.6	(0.8)	4.8	(1.2)	7.3	(1.6)	1.7	(0.6)	4.4	(0.8)
Georgia	3.2	(1.4)	0.5	(0.4)	1.8	(0.8)	5.1	(1.6)	0.4	(0.4)	2.7	(0.8)
Hawaii	9.6	(2.2)	1.8	(1.0)	5.7	(1.2)	9.1	(2.2)	1.0	(0.6)	5.0	(1.2)
Idaho	4.7	(1.6)	0.4	(0.4)	2.5	(0.8)	6.6	(2.5)	0.9	(0.6)	3.7	(1.2)
Illinois	4.7	(1.6)	0.9	(0.6)	2.7	(0.8)	6.3	(2.0)	1.0	(0.6)	3.5	(1.0)
Indiana	6.2	(1.8)	0.3	(0.2)	3.1	(0.8)	4.5	(1.4)	0.8	(0.8)	2.6	(0.8)
Iowa	5.0	(1.6)	0.4	(0.4)	2.6	(0.8)	4.7	(1.6)	0.4	(0.4)	2.4	(0.8)
Kansas	3.8	(1.6)	1.4	(1.2)	2.5	(1.0)	2.9	(1.6)	0.5	(0.4)	1.6	(0.8)
Kentucky	4.1	(1.4)	0.2	(0.2)	2.0	(0.6)	4.6	(1.4)	0.4	(0.4)	2.4	(0.6)
Louisiana	5.7	(1.8)	0.8	(0.6)	3.1	(1.0)	5.4	(2.0)	0.5	(0.4)	2.8	(1.0)
Maine	3.6	(1.8)	1.0	(0.8)	2.2	(1.0)	3.0	(1.6)	0.6	(0.6)	1.7	(0.8)
Maryland	4.3	(1.4)	0.8	(0.6)	2.5	(0.8)	3.1	(0.8)	0.7	(0.4)	1.9	(0.4)
Massachusetts	8.0	(2.4)	1.3	(0.8)	4.5	(1.2)	8.8	(2.5)	0.7	(0.6)	4.5	(1.4)
Michigan	8.7	(2.0)	1.0	(0.6)	4.7	(1.0)	7.0	(1.8)	0.9	(0.6)	3.8	(1.0)
Minnesota	7.7	(1.6)	1.2	(0.6)	4.3	(0.8)	6.0	(1.4)	0.6	(0.4)	3.2	(0.8)
Mississippi	5.0	(2.0)	0.4	(0.4)	2.5	(1.0)	5.2	(2.2)	0.6	(0.4)	2.7	(1.0)
Missouri	5.0	(1.8)	1.7	(1.0)	3.2	(1.0)	4.9	(1.8)	0.3	(0.2)	2.4	(0.8)
Montana	4.3	(2.0)	0.2	(0.4)	2.2	(1.0)	3.8	(1.8)	0.9	(0.6)	2.3	(1.0)
Nebraska	5.7	(2.0)	0.1	(0.2)	2.7	(1.0)	5.1	(1.8)	0.4	(0.4)	2.6	(0.8)
Nevada	11.2	(2.7)	2.1	(1.2)	6.8	(1.6)	10.0	(2.4)	2.1	(1.0)	6.1	(1.4)
New Hampshire	6.4	(2.0)	0.2	(0.4)	3.2	(1.0)	7.2	(2.0)	1.6	(1.2)	4.3	(1.2)
New Jersey	3.5	(1.8)	1.3	(0.8)	2.3	(1.0)	5.4	(1.8)	0.8	(0.6)	3.0	(1.0)
New Mexico	5.1	(2.0)	0.7	(0.6)	2.8	(1.0)	6.4	(2.2)	1.0	(0.6)	3.6	(1.0)
New York	4.9	(1.4)	1.2	(0.8)	2.9	(0.8)	5.3	(1.6)	0.9	(0.6)	3.0	(0.8)
North Carolina	6.4	(1.8)	0.8	(0.6)	3.5	(1.0)	5.0	(1.6)	0.4	(0.4)	2.6	(0.8)
North Dakota	4.1	(1.6)	0.8	(0.6)	2.4	(0.8)	3.5	(1.4)	0.7	(0.6)	2.1	(0.8)
Ohio	6.3	(2.5)	0.4	(0.4)	3.2	(1.2)	4.1	(1.8)	1.0	(0.6)	2.5	(1.0)
Oklahoma	3.4	(1.8)	0.4	(0.4)	1.9	(0.8)	3.1	(1.4)	1.8	(1.2)	2.4	(1.0)
Oregon	7.1	(1.4)	1.3	(0.6)	4.1	(0.8)	7.5	(1.6)	1.4	(0.6)	4.4	(0.8)
Pennsylvania	7.6	(2.0)	1.5	(0.8)	4.4	(1.0)	7.1	(1.8)	0.9	(0.6)	3.8	(0.8)
Rhode Island	10.1	(2.4)	1.5	(0.8)	5.5	(1.2)	8.4	(2.4)	1.5	(1.0)	4.7	(1.2)
South Carolina	4.2	(1.6)	0.4	(0.4)	2.2	(0.8)	5.0	(1.6)	0.2	(0.2)	2.4	(0.8)
South Dakota	5.2	(1.8)	0.2	(0.4)	2.6	(1.0)	2.8	(1.2)	0.7	(0.6)	1.7	(0.8)
Tennessee	3.4	(1.2)	0.5	(0.4)	1.9	(0.6)	2.6	(1.0)	0.4	(0.4)	1.4	(0.4)
Texas	9.3	(2.0)	1.5	(0.6)	5.3	(1.0)	9.0	(2.4)	1.0	(0.6)	4.9	(1.2)
Utah	5.1	(1.6)	0.7	(0.6)	2.8	(0.8)	2.4	(1.2)	0.7	(0.6)	1.6	(0.6)
Vermont	7.5	(2.0)	0.7	(0.6)	4.0	(1.2)	7.0	(2.4)	0.9	(0.6)	3.8	(1.2)
Virginia	4.2	(1.6)	1.1	(0.8)	2.6	(0.8)	6.5	(2.0)	0.7	(0.6)	3.5	(1.0)
Washington	6.6	(1.8)	1.2	(0.6)	3.9	(1.0)	5.5	(1.4)	0.6	(0.4)	3.0	(0.8)
West Virginia	3.3	(1.2)	0.3	(0.2)	1.7	(0.6)	4.2	(1.4)	0.3	(0.2)	2.2	(0.6)
Wisconsin	7.6	(2.0)	1.6	(1.0)	4.5	(1.2)	7.6	(2.2)	1.1	(0.8)	4.3	(1.2)
<b>Median</b>	<b>5.1</b>		<b>0.8</b>		<b>2.9</b>		<b>5.3</b>		<b>0.8</b>		<b>3.0</b>	
<b>Low</b>	<b>3.0</b>		<b>0.1</b>		<b>1.7</b>		<b>2.4</b>		<b>0.2</b>		<b>1.4</b>	
<b>High</b>	<b>11.2</b>		<b>2.1</b>		<b>6.8</b>		<b>10.0</b>		<b>3.1</b>		<b>6.1</b>	

\* Consumption of 60 or more alcoholic beverages (i.e., drinking pattern II) during the previous month.

<sup>†</sup> Until 1993, an introductory phrase about kinds of alcohol and when people drink was read before the questions on alcohol consumption were asked. In 1993, this introduction was dropped.<sup>§</sup> Confidence interval.

**TABLE 5. Percentage of adults who reported cigarette smoking,\* by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI) <sup>†</sup>	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	25.0	(3.1)	19.2	(2.4)	21.9	(2.0)	21.4	(2.9)	16.0	(2.2)	18.5	(1.8)
Alaska	28.6	(4.9)	29.1	(4.7)	28.8	(3.3)	28.1	(4.7)	25.0	(4.5)	26.6	(3.3)
Arizona	22.0	(4.3)	17.3	(3.1)	19.5	(2.5)	21.9	(4.3)	19.6	(3.5)	20.7	(2.7)
Arkansas							29.8	(3.7)	23.4	(2.9)	26.4	(2.4)
California	22.4	(2.2)	17.9	(1.8)	20.1	(1.4)	19.8	(2.4)	17.1	(2.0)	18.4	(1.4)
Colorado	25.3	(3.1)	22.4	(2.7)	23.8	(2.2)	25.1	(3.5)	22.5	(2.7)	23.8	(2.2)
Connecticut	23.2	(3.3)	21.5	(2.7)	22.3	(2.2)	21.9	(3.3)	19.5	(2.5)	20.6	(2.2)
Delaware	32.2	(4.1)	23.9	(2.9)	27.9	(2.5)	28.2	(3.5)	24.0	(2.7)	26.0	(2.2)
District of Columbia	21.3	(3.5)	18.5	(3.3)	19.7	(2.4)	18.8	(3.9)	14.3	(2.9)	16.4	(2.4)
Florida	24.9	(2.7)	20.6	(2.2)	22.6	(1.8)	23.9	(2.5)	20.3	(2.2)	22.0	(1.6)
Georgia	22.6	(3.1)	16.5	(2.4)	19.4	(2.0)	27.0	(3.1)	21.1	(2.5)	23.9	(2.0)
Hawaii	23.2	(3.3)	16.7	(2.5)	19.9	(2.2)	19.9	(2.9)	17.8	(2.5)	18.9	(2.0)
Idaho	22.2	(3.3)	16.7	(2.4)	19.4	(2.0)	21.4	(3.7)	19.0	(2.7)	20.2	(2.4)
Illinois	27.5	(3.5)	22.1	(2.5)	24.7	(2.2)	24.4	(3.3)	22.1	(2.5)	23.2	(2.0)
Indiana	29.8	(3.3)	25.5	(2.5)	27.5	(2.2)	26.7	(3.3)	26.1	(2.7)	26.4	(2.2)
Iowa	24.0	(3.1)	16.5	(2.5)	20.0	(2.0)	22.5	(3.1)	21.5	(2.9)	22.0	(2.2)
Kansas	24.7	(3.7)	21.3	(2.9)	23.0	(2.4)	22.1	(3.3)	18.5	(2.7)	20.2	(2.2)
Kentucky	32.2	(3.5)	25.0	(2.5)	28.4	(2.2)	31.6	(3.1)	28.7	(2.7)	30.1	(2.2)
Louisiana	28.2	(4.1)	21.6	(2.7)	24.7	(2.4)	25.2	(3.9)	19.9	(2.7)	22.4	(2.4)
Maine	25.6	(4.1)	22.1	(3.3)	23.8	(2.7)	26.7	(4.1)	22.9	(3.5)	24.7	(2.5)
Maryland	21.4	(3.3)	20.4	(2.5)	20.8	(2.2)	20.9	(2.2)	18.7	(1.8)	19.7	(1.4)
Massachusetts	25.5	(3.7)	21.8	(3.1)	23.6	(2.4)	20.6	(3.3)	21.6	(2.9)	21.2	(2.2)
Michigan	25.8	(2.9)	24.8	(2.5)	25.3	(2.0)	26.9	(3.1)	23.4	(2.5)	25.1	(2.0)
Minnesota	23.8	(2.4)	20.4	(2.0)	22.0	(1.6)	23.9	(2.4)	21.0	(2.0)	22.4	(1.6)
Mississippi	27.7	(3.9)	21.7	(2.7)	24.5	(2.4)	29.9	(3.9)	19.0	(2.7)	24.1	(2.4)
Missouri	25.6	(3.7)	22.0	(3.1)	23.7	(2.4)	29.2	(3.9)	24.3	(3.1)	26.6	(2.5)
Montana	19.2	(3.7)	19.3	(3.1)	19.3	(2.4)	21.5	(3.7)	19.4	(3.3)	20.4	(2.5)
Nebraska	19.5	(3.1)	16.0	(2.5)	17.7	(2.0)	22.6	(3.1)	21.4	(2.7)	22.0	(2.2)
Nevada	30.7	(4.1)	30.7	(3.3)	30.7	(2.7)	29.4	(3.7)	30.5	(3.1)	30.0	(2.4)
New Hampshire	23.7	(3.7)	22.7	(3.3)	23.2	(2.5)	22.4	(3.3)	18.9	(2.9)	20.6	(2.2)
New Jersey	20.9	(3.5)	19.6	(2.9)	20.2	(2.4)	20.2	(3.5)	17.8	(2.7)	18.9	(2.2)
New Mexico	22.5	(3.9)	18.3	(3.1)	20.4	(2.5)	24.0	(3.9)	19.7	(3.3)	21.8	(2.5)
New York	23.6	(2.9)	22.3	(2.5)	22.9	(2.0)	26.2	(2.9)	21.1	(2.5)	23.5	(2.0)
North Carolina	31.2	(3.3)	22.7	(2.5)	26.7	(2.2)	28.6	(3.1)	23.2	(2.5)	25.8	(2.0)
North Dakota	26.1	(3.3)	20.3	(2.7)	23.2	(2.2)	20.7	(2.9)	18.6	(2.5)	19.6	(2.0)
Ohio	26.0	(3.9)	22.1	(3.3)	23.9	(2.5)	26.1	(4.1)	24.6	(3.1)	25.3	(2.5)
Oklahoma	29.0	(4.3)	24.5	(3.1)	26.7	(2.5)	29.7	(3.9)	23.8	(3.1)	26.6	(2.5)
Oregon	21.1	(2.4)	21.1	(2.0)	21.1	(1.6)	22.3	(2.5)	20.9	(2.2)	21.6	(1.6)
Pennsylvania	25.1	(2.9)	24.3	(2.5)	24.7	(2.0)	22.3	(2.7)	22.9	(2.4)	22.6	(1.8)
Rhode Island	24.3	(3.1)	20.9	(2.7)	22.5	(2.2)	25.8	(3.3)	21.1	(2.9)	23.3	(2.4)
South Carolina	31.6	(3.7)	24.2	(2.9)	27.8	(2.4)	28.3	(3.9)	20.5	(2.5)	24.2	(2.4)
South Dakota	23.3	(3.3)	21.6	(2.7)	22.4	(2.2)	22.1	(3.1)	20.1	(2.7)	21.1	(2.2)
Tennessee	30.7	(2.9)	23.5	(2.2)	26.9	(1.8)	28.9	(2.7)	23.9	(2.2)	26.3	(1.8)
Texas	25.9	(3.1)	19.1	(2.4)	22.4	(2.0)	26.7	(3.5)	21.1	(2.5)	23.8	(2.2)
Utah	19.5	(2.9)	12.2	(2.2)	15.7	(2.0)	15.5	(2.5)	13.5	(2.2)	14.4	(1.8)
Vermont	22.5	(2.9)	20.9	(2.7)	21.7	(2.0)	20.7	(3.3)	21.8	(2.7)	21.3	(2.2)
Virginia	23.1	(3.3)	23.8	(2.9)	23.5	(2.2)	25.1	(3.3)	21.6	(2.9)	23.3	(2.2)
Washington	22.9	(2.5)	20.7	(2.2)	21.8	(1.8)	23.7	(2.5)	21.3	(2.4)	22.5	(1.8)
West Virginia	27.4	(3.1)	22.5	(2.2)	24.8	(2.0)	27.5	(3.1)	26.2	(2.5)	26.8	(2.0)
Wisconsin	23.7	(3.5)	23.8	(3.3)	23.8	(2.4)	22.6	(3.3)	23.2	(3.1)	22.9	(2.4)
<b>Median</b>	<b>24.7</b>		<b>21.6</b>		<b>23.0</b>		<b>23.9</b>		<b>21.1</b>		<b>22.5</b>	
<b>Low</b>	<b>19.2</b>		<b>12.2</b>		<b>15.7</b>		<b>15.5</b>		<b>13.5</b>		<b>14.4</b>	
<b>High</b>	<b>32.2</b>		<b>30.7</b>		<b>30.7</b>		<b>31.6</b>		<b>30.5</b>		<b>30.1</b>	

\* Ever smoked at least 100 cigarettes and currently smoke.

† Confidence interval.



**TABLE 6. Percentage of young adults (persons 18–29 years of age) who reported cigarette smoking,\* by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993 aggregate data**

State	Men		Women		Total	
	%	(±95% CI) <sup>†</sup>	%	(±95% CI)	%	(±95% CI)
Alabama	19.8	(4.3)	16.7	(3.3)	18.2	(2.7)
Alaska	28.7	(7.3)	34.3	(7.3)	31.2	(5.1)
Arizona	19.2	(5.7)	19.4	(5.5)	19.3	(3.9)
California	21.4	(3.3)	16.7	(2.7)	19.2	(2.2)
Colorado	29.7	(5.3)	25.2	(4.7)	27.5	(3.5)
Connecticut	25.1	(5.5)	25.4	(5.1)	25.2	(3.7)
Delaware	34.1	(6.1)	25.1	(4.5)	29.6	(3.7)
District of Columbia	14.8	(4.7)	15.3	(5.1)	15.1	(3.5)
Florida	26.3	(4.3)	21.2	(3.7)	23.8	(2.9)
Georgia	19.7	(4.1)	18.1	(4.5)	18.9	(2.9)
Hawaii	22.1	(4.7)	19.9	(4.1)	21.0	(3.1)
Idaho	21.3	(4.9)	19.8	(4.3)	20.6	(3.3)
Illinois	26.7	(5.1)	22.8	(4.3)	24.8	(3.3)
Indiana	29.6	(5.1)	28.2	(4.5)	28.9	(3.5)
Iowa	22.9	(4.9)	19.7	(4.5)	21.3	(3.3)
Kansas	24.0	(5.5)	20.3	(4.9)	22.2	(3.7)
Kentucky	34.6	(5.3)	25.3	(4.1)	29.9	(3.3)
Louisiana	25.3	(5.7)	19.5	(4.3)	22.4	(3.5)
Maine	26.1	(6.5)	30.1	(6.3)	28.1	(4.5)
Maryland	22.2	(4.5)	20.1	(3.3)	21.1	(2.7)
Massachusetts	26.4	(5.5)	26.2	(4.9)	26.3	(3.7)
Michigan	26.4	(4.5)	25.1	(3.9)	25.8	(2.9)
Minnesota	25.9	(3.9)	25.4	(3.3)	25.7	(2.5)
Mississippi	26.1	(6.1)	21.2	(4.3)	23.6	(3.7)
Missouri	29.4	(6.1)	26.5	(5.3)	28.0	(4.1)
Montana	11.7	(5.3)	24.0	(5.9)	17.7	(3.9)
Nebraska	19.0	(4.7)	25.0	(4.9)	22.0	(3.3)
Nevada	29.8	(5.7)	29.9	(5.1)	29.8	(3.9)
New Hampshire	24.0	(5.9)	28.4	(6.1)	26.2	(4.1)
New Jersey	15.6	(4.5)	22.6	(5.1)	19.0	(3.3)
New Mexico	25.9	(5.9)	17.0	(4.9)	21.6	(3.9)
New York	30.1	(4.7)	26.8	(4.3)	28.5	(3.1)
North Carolina	30.4	(4.7)	25.1	(4.1)	27.8	(3.1)
North Dakota	20.3	(4.5)	23.4	(4.5)	21.7	(3.1)
Ohio	27.2	(6.9)	31.5	(6.1)	29.4	(4.5)
Oklahoma	25.6	(5.7)	26.3	(5.7)	25.9	(3.9)
Oregon	22.1	(3.7)	26.6	(3.9)	24.3	(2.7)
Pennsylvania	27.8	(4.7)	28.1	(4.7)	28.0	(3.3)
Rhode Island	27.1	(5.3)	29.2	(5.1)	28.2	(3.7)
South Carolina	24.9	(5.7)	24.4	(4.5)	24.6	(3.7)
South Dakota	25.3	(5.5)	22.7	(4.7)	24.0	(3.7)
Tennessee	30.5	(4.1)	25.0	(3.5)	27.8	(2.7)
Texas	25.9	(4.5)	17.8	(3.3)	21.8	(2.9)
Utah	19.3	(4.1)	15.8	(3.3)	17.5	(2.7)
Vermont	24.4	(5.5)	26.0	(4.7)	25.2	(3.5)
Virginia	24.0	(5.1)	26.6	(4.9)	25.2	(3.5)
Washington	24.6	(4.1)	23.7	(3.9)	24.2	(2.9)
West Virginia	28.3	(5.3)	29.5	(4.5)	28.9	(3.3)
Wisconsin	25.8	(5.5)	29.9	(5.5)	27.9	(3.9)
<b>Median</b>	<b>25.6</b>		<b>25.0</b>		<b>24.8</b>	
<b>Low</b>	<b>11.7</b>		<b>15.3</b>		<b>15.1</b>	
<b>High</b>	<b>34.6</b>		<b>34.3</b>		<b>31.2</b>	

\* Ever smoked at least 100 cigarettes and currently smoke.

<sup>†</sup> Confidence interval.

### ***Drinking and Driving***

In 1992, the percentage of adults who reported operating a motor vehicle at least once in the previous month after drinking too much alcohol ranged from 0.6% in North Carolina to 5.5% in Texas (median: 2.3%) (Table 8). In 1993, the percentage ranged from 0.8% in Maryland and Tennessee to 5.3% in Wisconsin (median: 2.4%). More than four times as many men as women reported this behavior in 1992 (3.9% vs. 0.9%) and 1993 (3.7% vs. 0.9%).

### ***Riding with a Driver Who Had Had Too Much Alcohol to Drink***

The question about riding, at least once during the past month, with a driver who had had too much alcohol to drink was asked in 1993 only. The percentage of adults who replied yes ranged from 1.4% in Oklahoma to 6.4% in Texas (median: 4.0%) (Table 9). A higher percentage of men (4.7%) than women (3.4%) reported this behavior.

## **Awareness of Certain Medical Conditions**

### ***Hypertension***

In 1992, the percentage of adults who reported ever having been told by a health professional that they had high blood pressure varied from 14.7% in New Mexico to 27.9% in Mississippi (median: 20.6%) (Table 10). In 1993, the percentage ranged from 16.8% in the District of Columbia to 29.8% in Mississippi (median: 21.7%). Slightly fewer men than women reported hypertension awareness in 1992 (19.6% vs. 21.8%) and 1993 (20.6% vs. 22.5%).

### ***Diabetes***

In 1992, the percentage of adults who reported ever having been told by a health professional that they had diabetes ranged from 2.8% in Alaska and Maine to 7.4% in the District of Columbia (median: 5.2%) (Table 11). In 1993, gestational diabetes was excluded from the question on diabetes awareness. In that year, the percentage of diabetes awareness ranged from 2.7% in Colorado to 6.3% in Mississippi (median: 4.5%). In both years, men were slightly less likely than women to report diabetes awareness (1992: 4.4% vs. 5.9%; 1993: 4.4% vs. 4.6%).

### ***High Blood Cholesterol***

In 1992, the percentage of adults who reported ever having been told by a health professional that they had high blood cholesterol ranged from 14.4% in Utah to 21.5% in West Virginia (median: 18.2%) (Table 12). In 1993, this percentage varied from 11.9% in the District of Columbia to 23.3% in Hawaii (median: 19.2%). In both years, fewer men than women reported awareness of high blood cholesterol (1992: 16.5% vs. 19.3%; 1993: 18.0% vs. 20.4%).

**TABLE 7. Percentage of adults who reported always wearing a safety belt while driving or riding in a car, by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI)*	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	59.3	(3.5)	73.0	(2.7)	66.6	(2.2)	66.5	(3.7)	76.2	(2.7)	71.7	(2.4)
Alaska	52.0	(5.5)	70.9	(4.3)	60.9	(3.7)	52.5	(5.5)	73.7	(4.1)	62.5	(3.5)
Arizona	69.3	(4.7)	79.5	(3.1)	74.7	(2.7)	67.1	(5.3)	77.9	(3.5)	72.6	(3.1)
Arkansas							48.1	(3.9)	68.1	(3.1)	58.7	(2.5)
California	69.8	(2.4)	76.7	(2.0)	73.3	(1.6)	80.2	(2.4)	87.1	(1.8)	83.7	(1.4)
Colorado	58.3	(3.9)	70.4	(3.1)	64.5	(2.5)	58.5	(4.1)	67.0	(3.1)	62.8	(2.5)
Connecticut	61.2	(3.9)	76.0	(2.7)	69.0	(2.4)	63.2	(3.9)	75.2	(2.7)	69.5	(2.4)
Delaware	66.0	(4.3)	77.5	(3.1)	72.0	(2.5)	63.5	(3.7)	73.5	(2.9)	68.7	(2.4)
District of Columbia	61.1	(4.5)	71.3	(3.3)	66.6	(2.7)	65.4	(4.5)	67.8	(3.7)	66.7	(2.9)
Florida	64.8	(3.1)	75.7	(2.4)	70.5	(2.0)	68.1	(2.7)	78.3	(2.2)	73.4	(1.8)
Georgia	55.0	(3.9)	66.5	(3.3)	61.0	(2.7)	50.8	(3.7)	64.7	(3.1)	58.1	(2.5)
Hawaii	85.6	(2.7)	91.1	(2.2)	88.4	(1.6)	88.8	(2.4)	90.8	(2.0)	89.8	(1.6)
Idaho	42.2	(3.7)	56.0	(3.3)	49.2	(2.5)	44.0	(4.5)	58.1	(3.5)	51.2	(2.9)
Illinois	58.5	(3.7)	69.7	(2.9)	64.4	(2.4)	61.7	(3.5)	74.4	(2.7)	68.3	(2.4)
Indiana	48.2	(3.5)	59.8	(2.9)	54.3	(2.4)	49.7	(3.5)	62.4	(3.1)	56.4	(2.4)
Iowa	52.9	(3.9)	70.7	(3.1)	62.2	(2.5)	59.9	(3.7)	68.1	(3.1)	64.2	(2.5)
Kansas	45.6	(4.1)	62.3	(3.7)	54.3	(2.7)	46.7	(4.1)	57.4	(3.7)	52.3	(2.7)
Kentucky	45.2	(3.7)	53.5	(3.1)	49.6	(2.5)	43.9	(3.5)	54.4	(2.9)	49.4	(2.4)
Louisiana	58.4	(4.3)	69.0	(3.1)	64.0	(2.7)	53.2	(4.3)	69.4	(3.3)	61.7	(2.7)
Maine	43.2	(4.5)	55.8	(4.1)	49.8	(3.1)	41.2	(4.5)	55.0	(3.9)	48.4	(3.1)
Maryland	69.6	(3.5)	76.2	(2.7)	73.0	(2.2)	68.3	(2.4)	79.1	(1.8)	74.0	(1.6)
Massachusetts	38.0	(4.1)	48.9	(3.7)	43.8	(2.7)	31.7	(3.7)	42.6	(3.5)	37.5	(2.5)
Michigan	59.4	(3.3)	72.7	(2.5)	66.4	(2.2)	56.8	(3.5)	71.4	(2.5)	64.4	(2.2)
Minnesota	52.0	(2.7)	68.0	(2.4)	60.3	(2.0)	54.1	(2.7)	72.7	(2.2)	63.7	(1.8)
Mississippi	36.4	(4.3)	50.1	(3.3)	43.7	(2.7)	40.9	(4.5)	49.2	(3.5)	45.3	(2.9)
Missouri	51.7	(4.5)	66.7	(3.5)	59.7	(2.9)	52.3	(4.5)	64.1	(3.5)	58.6	(2.7)
Montana	42.2	(4.7)	53.9	(4.1)	48.1	(2.9)	48.7	(4.7)	61.7	(3.9)	55.3	(3.1)
Nebraska	29.1	(3.7)	37.4	(3.3)	33.5	(2.5)	46.1	(3.7)	61.1	(3.1)	53.9	(2.5)
Nevada	62.5	(4.1)	71.4	(3.1)	66.8	(2.5)	57.4	(4.1)	72.0	(2.9)	64.6	(2.5)
New Hampshire	44.7	(4.1)	51.5	(3.9)	48.2	(2.9)	40.8	(4.1)	55.0	(3.7)	48.1	(2.7)
New Jersey	65.3	(4.5)	77.3	(3.1)	71.6	(2.7)	62.9	(4.3)	78.0	(3.1)	70.8	(2.5)
New Mexico	73.5	(4.1)	82.7	(3.3)	78.2	(2.5)	74.1	(4.1)	82.4	(2.9)	78.4	(2.7)
New York	60.7	(3.3)	68.4	(2.9)	64.8	(2.2)	56.4	(3.5)	69.0	(2.9)	63.1	(2.4)
North Carolina	71.9	(3.3)	82.2	(2.4)	77.3	(2.0)	73.9	(3.1)	84.3	(2.4)	79.3	(2.0)
North Dakota	26.2	(3.5)	32.3	(3.1)	29.3	(2.4)	25.0	(3.3)	36.8	(3.3)	31.0	(2.5)
Ohio	55.1	(4.5)	62.1	(3.9)	58.8	(2.9)	55.0	(4.7)	65.3	(3.5)	60.4	(2.9)
Oklahoma	50.6	(4.9)	67.3	(3.3)	59.3	(2.9)	64.2	(4.3)	69.9	(3.5)	67.2	(2.7)
Oregon	68.0	(2.5)	83.6	(1.8)	76.1	(1.6)	71.4	(2.5)	87.0	(1.8)	79.4	(1.6)
Pennsylvania	47.9	(3.3)	60.2	(2.9)	54.4	(2.2)	50.8	(3.3)	65.4	(2.7)	58.5	(2.2)
Rhode Island	34.5	(3.7)	47.3	(3.5)	41.3	(2.5)	34.7	(3.7)	51.6	(3.5)	43.6	(2.7)
South Carolina	59.6	(3.9)	69.4	(2.9)	64.8	(2.5)	59.0	(4.1)	73.7	(2.7)	66.7	(2.5)
South Dakota	22.1	(3.3)	28.2	(2.9)	25.2	(2.4)	21.6	(3.3)	28.1	(2.9)	24.9	(2.2)
Tennessee	53.2	(3.3)	64.1	(2.5)	59.0	(2.0)	52.3	(3.1)	66.7	(2.5)	59.9	(2.0)
Texas	65.9	(3.5)	79.7	(2.4)	73.1	(2.2)	70.1	(3.5)	79.3	(2.4)	74.8	(2.2)
Utah	44.4	(3.7)	57.0	(3.3)	50.9	(2.5)	54.0	(3.9)	67.1	(3.3)	60.7	(2.5)
Vermont	44.3	(3.9)	60.2	(3.3)	52.6	(2.5)	44.0	(3.9)	65.0	(3.1)	54.9	(2.5)
Virginia	64.9	(3.9)	77.3	(2.9)	71.3	(2.4)	64.4	(3.7)	77.3	(2.7)	71.0	(2.4)
Washington	67.2	(2.9)	80.1	(2.2)	73.8	(2.0)	65.7	(2.9)	80.4	(2.2)	73.2	(2.0)
West Virginia	38.0	(3.3)	47.1	(2.7)	42.8	(2.2)	45.9	(3.7)	58.5	(2.7)	52.6	(2.4)
Wisconsin	50.5	(4.1)	59.7	(3.7)	55.3	(2.7)	45.9	(4.1)	61.8	(3.7)	54.2	(2.7)
<b>Median</b>	<b>55.0</b>		<b>68.4</b>		<b>61.0</b>		<b>54.5</b>		<b>68.1</b>		<b>62.6</b>	
<b>Low</b>	<b>22.1</b>		<b>28.2</b>		<b>25.2</b>		<b>21.6</b>		<b>28.1</b>		<b>24.9</b>	
<b>High</b>	<b>85.6</b>		<b>91.1</b>		<b>88.4</b>		<b>88.8</b>		<b>90.8</b>		<b>89.8</b>	

\* Confidence interval.

**TABLE 8. Percentage of adults who reported drinking and driving,\* by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI) <sup>†</sup>	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	3.4	(1.2)	0.7	(0.6)	2.0	(0.6)	3.1	(1.4)	0.7	(0.6)	1.8	(0.6)
Alaska	4.0	(2.0)	1.4	(1.0)	2.8	(1.2)	3.2	(1.8)	1.7	(1.2)	2.5	(1.2)
Arizona	1.7	(1.2)	1.1	(0.8)	1.4	(0.8)	2.9	(1.6)	0.8	(0.8)	1.8	(0.8)
Arkansas							3.1	(1.4)	0.3	(0.2)	1.6	(0.6)
California	3.7	(1.0)	0.8	(0.4)	2.3	(0.6)	3.7	(1.0)	1.2	(0.6)	2.4	(0.6)
Colorado	4.4	(1.6)	1.5	(0.8)	2.9	(0.8)	3.6	(1.4)	1.5	(0.8)	2.5	(0.8)
Connecticut	4.1	(1.8)	1.8	(1.0)	2.9	(1.0)	5.7	(2.0)	0.5	(0.4)	3.0	(1.0)
Delaware	4.1	(2.0)	0.3	(0.4)	2.1	(1.0)	4.5	(1.6)	0.4	(0.4)	2.3	(0.8)
District of Columbia	2.4	(1.2)	1.6	(1.2)	2.0	(0.8)	1.5	(1.0)	0.8	(0.8)	1.1	(0.6)
Florida	4.3	(1.2)	0.7	(0.4)	2.4	(0.6)	5.1	(1.4)	1.3	(0.6)	3.2	(0.8)
Georgia	1.5	(0.8)	0.2	(0.2)	0.8	(0.4)	2.4	(1.2)	0.6	(0.4)	1.5	(0.6)
Hawaii	4.4	(1.6)	1.4	(1.0)	2.9	(1.0)	3.3	(1.2)	0.6	(0.4)	2.0	(0.6)
Idaho	3.2	(1.4)	0.4	(0.4)	1.8	(0.8)	3.4	(1.4)	1.0	(1.0)	2.2	(0.8)
Illinois	3.7	(1.6)	0.6	(0.6)	2.1	(0.8)	3.3	(1.4)	1.1	(0.6)	2.2	(0.8)
Indiana	3.7	(1.2)	0.9	(0.6)	2.2	(0.6)	3.8	(1.4)	1.3	(0.6)	2.5	(0.8)
Iowa	3.7	(1.6)	0.8	(0.6)	2.2	(0.8)	4.4	(1.6)	1.5	(0.8)	2.9	(0.8)
Kansas	4.5	(1.8)	1.7	(1.4)	3.1	(1.2)	5.1	(2.0)	1.6	(0.8)	3.3	(1.0)
Kentucky	1.5	(0.8)	0.4	(0.4)	0.9	(0.4)	1.9	(0.8)	0.2	(0.2)	1.0	(0.4)
Louisiana	5.2	(2.0)	0.9	(0.6)	2.9	(1.0)	4.2	(1.6)	0.8	(0.6)	2.4	(0.8)
Maine	1.4	(1.2)	0.2	(0.2)	0.7	(0.6)	1.8	(1.4)	0.2	(0.4)	1.0	(0.6)
Maryland	1.3	(0.8)	0.5	(0.4)	0.8	(0.4)	1.3	(0.6)	0.4	(0.2)	0.8	(0.2)
Massachusetts	4.2	(1.8)	2.5	(1.2)	3.3	(1.0)	4.8	(1.8)	0.9	(0.8)	2.8	(1.0)
Michigan	5.6	(1.4)	2.1	(1.0)	3.8	(0.8)	7.3	(2.0)	2.2	(1.0)	4.6	(1.0)
Minnesota	5.7	(1.4)	1.9	(0.8)	3.7	(0.8)	4.6	(1.2)	1.9	(0.6)	3.2	(0.6)
Mississippi	3.3	(1.6)	1.3	(1.0)	2.3	(0.8)	3.0	(1.8)	0.7	(0.6)	1.8	(1.0)
Missouri	4.6	(1.8)	0.4	(0.4)	2.4	(0.8)	4.3	(1.8)	1.3	(0.8)	2.7	(0.8)
Montana	4.8	(2.4)	1.1	(0.8)	2.9	(1.2)	4.1	(2.0)	0.9	(0.8)	2.5	(1.0)
Nebraska	6.3	(2.2)	1.5	(0.8)	3.8	(1.2)	6.7	(2.0)	1.2	(0.6)	3.8	(1.0)
Nevada	6.5	(2.2)	1.9	(1.0)	4.2	(1.2)	7.2	(2.0)	1.6	(0.8)	4.5	(1.2)
New Hampshire	5.3	(2.2)	1.9	(1.2)	3.5	(1.2)	7.2	(2.4)	1.7	(1.0)	4.4	(1.2)
New Jersey	2.7	(1.4)	1.4	(1.0)	2.0	(0.8)	5.0	(1.8)	0.1	(0.2)	2.4	(1.0)
New Mexico	3.9	(2.0)	0.9	(0.8)	2.4	(1.0)	4.1	(1.8)	1.4	(1.0)	2.7	(1.0)
New York	2.0	(1.0)	0.6	(0.4)	1.3	(0.6)	3.4	(1.4)	1.0	(0.6)	2.1	(0.8)
North Carolina	1.2	(0.6)	0.1	(0.2)	0.6	(0.4)	2.4	(1.2)	0.6	(0.4)	1.5	(0.6)
North Dakota	5.8	(1.8)	1.0	(0.6)	3.3	(1.0)	6.6	(1.8)	2.0	(1.2)	4.3	(1.2)
Ohio	3.4	(1.8)	0.0	(0.0)	1.6	(0.8)	2.8	(1.6)	0.9	(0.6)	1.8	(0.8)
Oklahoma	3.1	(1.6)	0.6	(0.6)	1.8	(0.8)	1.5	(1.0)	0.3	(0.4)	0.9	(0.6)
Oregon	3.1	(1.0)	0.6	(0.4)	1.8	(0.6)	2.8	(1.0)	0.6	(0.4)	1.7	(0.6)
Pennsylvania	5.5	(1.8)	0.8	(0.4)	3.0	(0.8)	4.6	(1.4)	1.1	(0.6)	2.7	(0.8)
Rhode Island	4.7	(1.8)	1.7	(0.8)	3.1	(1.0)	5.4	(1.6)	1.2	(0.8)	3.2	(1.0)
South Carolina	4.6	(2.0)	0.6	(0.4)	2.5	(1.0)	2.2	(1.2)	1.3	(0.8)	1.7	(0.8)
South Dakota	4.6	(1.8)	1.0	(0.6)	2.7	(1.0)	4.5	(2.0)	1.6	(1.2)	3.0	(1.0)
Tennessee	1.2	(0.6)	0.6	(0.4)	0.9	(0.4)	1.4	(0.6)	0.3	(0.2)	0.8	(0.4)
Texas	8.2	(2.2)	2.9	(1.0)	5.5	(1.2)	6.0	(1.8)	1.4	(0.6)	3.6	(1.0)
Utah	2.3	(1.2)	0.6	(0.4)	1.4	(0.6)	2.8	(1.4)	0.4	(0.4)	1.5	(0.6)
Vermont	3.0	(1.2)	0.7	(0.6)	1.8	(0.6)	4.6	(1.8)	0.8	(0.6)	2.7	(1.0)
Virginia	3.5	(1.4)	1.2	(0.6)	2.3	(0.8)	3.8	(1.6)	0.8	(0.6)	2.3	(0.8)
Washington	4.4	(1.4)	1.3	(0.6)	2.8	(0.8)	3.2	(1.0)	0.8	(0.6)	2.0	(0.6)
West Virginia	1.5	(0.8)	0.3	(0.2)	0.9	(0.4)	2.5	(1.0)	0.5	(0.4)	1.4	(0.6)
Wisconsin	6.8	(2.0)	2.7	(1.2)	4.6	(1.2)	9.5	(2.4)	1.4	(0.8)	5.3	(1.2)
<b>Median</b>	<b>3.9</b>		<b>0.9</b>		<b>2.3</b>		<b>3.7</b>		<b>0.9</b>		<b>2.4</b>	
<b>Low</b>	<b>1.2</b>		<b>0.0</b>		<b>0.6</b>		<b>1.3</b>		<b>0.1</b>		<b>0.8</b>	
<b>High</b>	<b>8.2</b>		<b>2.9</b>		<b>5.5</b>		<b>9.5</b>		<b>2.2</b>		<b>5.3</b>	

\*At least once in the previous month, operated a motor vehicle after drinking too much alcohol.

† Confidence interval.

**TABLE 9. Percentage of adults who reported riding with a driver who had been drinking,\* by sex — Behavioral Risk Factor Surveillance System, 1993**

State	Men		Women		Total	
	%	(±95% CI) <sup>†</sup>	%	(±95% CI)	%	(±95% CI)
Alabama	5.6	(1.8)	3.1	(1.2)	4.3	(1.0)
Alaska	5.1	(2.4)	4.2	(2.2)	4.7	(1.6)
Arizona	5.0	(2.4)	2.7	(1.4)	3.8	(1.4)
Arkansas	4.2	(1.6)	3.1	(1.4)	3.6	(1.0)
California	5.9	(1.8)	4.3	(1.0)	5.1	(1.0)
Colorado	3.7	(1.6)	4.7	(1.6)	4.2	(1.0)
Connecticut	6.3	(2.2)	3.3	(1.2)	4.7	(1.2)
Delaware	5.2	(1.8)	3.0	(1.2)	4.1	(1.0)
District of Columbia	3.4	(2.0)	3.4	(1.8)	3.4	(1.4)
Florida	6.2	(1.6)	4.2	(1.2)	5.2	(1.0)
Georgia	3.5	(1.6)	2.7	(1.4)	3.1	(1.0)
Hawaii	4.6	(1.6)	5.4	(1.8)	5.0	(1.2)
Idaho	2.6	(1.6)	3.9	(1.6)	3.2	(1.0)
Illinois	3.8	(1.4)	3.5	(1.2)	3.6	(0.8)
Indiana	4.7	(1.6)	3.3	(1.2)	3.9	(1.0)
Iowa	4.0	(1.6)	3.3	(1.2)	3.7	(1.0)
Kansas	7.0	(2.4)	3.5	(1.4)	5.2	(1.4)
Kentucky	2.8	(1.2)	1.9	(0.8)	2.3	(0.6)
Louisiana	6.3	(2.2)	4.5	(1.6)	5.4	(1.4)
Maine	1.6	(1.2)	1.4	(0.8)	1.5	(0.8)
Maryland	2.6	(1.0)	2.3	(0.8)	2.4	(0.6)
Massachusetts	8.1	(2.5)	3.9	(1.4)	5.9	(1.4)
Michigan	6.3	(1.8)	5.2	(1.4)	5.7	(1.2)
Minnesota	5.8	(1.6)	3.5	(1.0)	4.6	(1.0)
Mississippi	6.2	(2.5)	2.2	(1.0)	4.1	(1.4)
Missouri	3.9	(1.8)	3.5	(1.4)	3.7	(1.2)
Montana	4.8	(2.2)	5.0	(2.0)	4.9	(1.6)
Nebraska	6.6	(2.0)	4.0	(1.4)	5.2	(1.2)
Nevada	5.8	(2.0)	4.1	(1.4)	5.0	(1.2)
New Hampshire	7.6	(2.5)	3.6	(1.6)	5.5	(1.6)
New Jersey	5.5	(2.2)	2.7	(1.2)	4.0	(1.2)
New Mexico	6.6	(2.4)	3.5	(1.4)	5.0	(1.4)
New York	4.7	(1.6)	3.4	(1.2)	4.0	(1.0)
North Carolina	2.8	(1.2)	2.0	(0.8)	2.4	(0.8)
North Dakota	6.9	(2.0)	4.0	(1.4)	5.5	(1.2)
Ohio	2.3	(1.6)	3.3	(1.4)	2.9	(1.0)
Oklahoma	2.3	(1.4)	0.6	(0.4)	1.4	(0.8)
Oregon	4.1	(1.2)	2.9	(1.0)	3.5	(0.8)
Pennsylvania	5.3	(1.6)	4.1	(1.2)	4.7	(1.0)
Rhode Island	7.3	(2.2)	5.2	(1.8)	6.2	(1.4)
South Carolina	4.6	(2.0)	3.0	(1.2)	3.8	(1.2)
South Dakota	3.8	(1.8)	3.5	(1.6)	3.7	(1.2)
Tennessee	1.8	(0.8)	1.6	(0.6)	1.7	(0.6)
Texas	7.7	(2.4)	5.2	(1.4)	6.4	(1.4)
Utah	3.2	(1.6)	3.9	(1.4)	3.6	(1.0)
Vermont	3.7	(1.6)	2.4	(1.0)	3.0	(1.0)
Virginia	4.2	(1.8)	2.6	(1.2)	3.4	(1.0)
Washington	3.7	(1.2)	3.3	(1.0)	3.5	(0.8)
West Virginia	3.9	(1.6)	2.7	(1.0)	3.3	(1.0)
Wisconsin	6.7	(2.0)	5.5	(1.8)	6.1	(1.4)
<b>Median</b>	<b>4.7</b>		<b>3.4</b>		<b>4.0</b>	
<b>Low</b>	<b>1.6</b>		<b>0.6</b>		<b>1.4</b>	
<b>High</b>	<b>8.1</b>		<b>5.5</b>		<b>6.4</b>	

\* At least once in the previous month, rode with a driver who had had too much alcohol to drink.

† Confidence interval.

**TABLE 10. Percentage of adults who reported ever having been told by a health professional that they had high blood pressure, by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI)*	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	19.7	(2.7)	21.1	(2.4)	20.5	(2.0)	18.6	(2.9)	22.2	(2.5)	20.5	(2.0)
Alaska	14.8	(3.5)	19.5	(3.9)	17.0	(2.7)	14.6	(3.7)	20.1	(3.9)	17.2	(2.7)
Arizona	20.5	(3.9)	21.1	(3.5)	20.8	(2.7)	15.7	(3.5)	20.5	(3.3)	18.2	(2.4)
Arkansas					21.4	(3.3)	25.1	(2.7)	23.4	(2.2)		
California	19.0	(2.0)	22.1	(2.0)	20.6	(1.4)	20.2	(2.4)	21.8	(2.0)	21.0	(1.6)
Colorado	15.4	(2.5)	19.4	(2.7)	17.4	(2.0)	19.5	(2.9)	22.6	(2.9)	21.1	(2.2)
Connecticut	21.4	(3.1)	23.8	(2.7)	22.7	(2.2)	22.8	(3.3)	22.4	(2.7)	22.6	(2.2)
Delaware	21.1	(3.7)	22.1	(2.9)	21.6	(2.4)	21.7	(3.1)	22.6	(2.5)	22.2	(2.0)
District of Columbia	18.1	(3.7)	22.0	(2.9)	20.2	(2.5)	15.5	(3.3)	17.8	(2.9)	16.8	(2.2)
Florida	20.9	(2.5)	22.5	(2.2)	21.8	(1.8)	24.0	(2.5)	24.3	(2.2)	24.2	(1.8)
Georgia	17.0	(2.7)	20.3	(2.9)	18.7	(2.0)	18.0	(2.7)	24.5	(2.7)	21.4	(2.0)
Hawaii	18.6	(3.1)	20.1	(2.7)	19.3	(2.2)	24.7	(3.5)	18.8	(2.9)	21.7	(2.4)
Idaho	14.2	(2.4)	22.8	(2.7)	18.6	(2.0)	20.1	(3.9)	25.8	(3.1)	23.0	(2.5)
Illinois	18.7	(2.7)	20.9	(2.4)	19.8	(1.8)	22.0	(3.1)	21.8	(2.4)	21.9	(2.0)
Indiana	21.5	(2.7)	27.6	(2.5)	24.7	(1.8)	23.4	(2.7)	27.0	(2.7)	25.3	(2.0)
Iowa	20.5	(3.1)	21.3	(2.7)	21.0	(2.2)	17.9	(2.7)	22.6	(2.7)	20.4	(2.0)
Kansas	18.4	(3.1)	24.2	(3.3)	21.4	(2.4)	21.4	(3.3)	25.7	(3.3)	23.6	(2.4)
Kentucky	23.5	(2.9)	26.9	(2.5)	25.3	(2.0)	21.3	(2.7)	23.8	(2.4)	22.6	(1.8)
Louisiana	19.1	(3.1)	22.9	(2.9)	21.1	(2.2)	19.8	(3.3)	25.0	(2.9)	22.6	(2.4)
Maine	20.8	(3.5)	22.5	(3.3)	21.7	(2.4)	22.8	(3.7)	20.8	(3.1)	21.7	(2.5)
Maryland	18.0	(2.7)	21.9	(2.5)	20.1	(2.0)	20.4	(2.0)	21.6	(1.8)	21.0	(1.4)
Massachusetts	18.5	(3.1)	21.8	(3.1)	20.2	(2.4)	20.4	(3.3)	20.5	(2.9)	20.4	(2.2)
Michigan	23.8	(2.7)	22.3	(2.4)	23.0	(1.8)	20.4	(2.5)	23.2	(2.4)	21.9	(1.8)
Minnesota	20.6	(2.2)	22.2	(2.0)	21.5	(1.6)	22.2	(2.4)	22.5	(2.0)	22.4	(1.6)
Mississippi	23.7	(3.7)	31.6	(3.3)	27.9	(2.5)	27.6	(3.9)	31.8	(3.1)	29.8	(2.5)
Missouri	22.2	(3.5)	24.9	(3.1)	23.7	(2.4)	21.2	(3.5)	27.8	(3.3)	24.7	(2.4)
Montana	19.5	(3.7)	20.8	(3.3)	20.2	(2.5)	20.0	(3.9)	21.7	(3.3)	20.9	(2.5)
Nebraska	20.3	(3.1)	21.0	(2.7)	20.6	(2.2)	22.5	(3.1)	23.3	(2.7)	22.9	(2.2)
Nevada	21.3	(3.7)	21.0	(2.7)	21.2	(2.4)	22.3	(3.3)	22.2	(2.7)	22.2	(2.2)
New Hampshire	19.6	(3.1)	19.8	(2.9)	19.7	(2.2)	23.8	(3.5)	19.7	(2.9)	21.7	(2.4)
New Jersey	24.1	(3.7)	18.9	(2.9)	21.4	(2.4)	25.4	(3.7)	17.1	(2.7)	21.1	(2.4)
New Mexico	15.4	(3.5)	14.0	(2.7)	14.7	(2.2)	16.6	(3.3)	19.4	(2.9)	18.0	(2.2)
New York	20.0	(2.7)	21.7	(2.7)	20.9	(2.0)	20.8	(2.7)	22.7	(2.5)	21.8	(1.8)
North Carolina	17.4	(2.7)	19.2	(2.5)	18.3	(1.8)	16.8	(2.5)	17.1	(2.2)	16.9	(1.8)
North Dakota	17.4	(2.5)	21.2	(2.7)	19.3	(2.0)	23.0	(2.9)	21.8	(2.7)	22.4	(2.0)
Ohio	18.5	(3.3)	22.9	(3.3)	20.8	(2.4)	17.4	(3.5)	19.6	(2.7)	18.5	(2.2)
Oklahoma	20.7	(3.7)	26.0	(2.9)	23.5	(2.4)	19.0	(3.3)	22.9	(2.9)	21.0	(2.4)
Oregon	18.8	(2.2)	20.7	(2.0)	19.8	(1.4)	19.9	(2.4)	23.1	(2.2)	21.5	(1.6)
Pennsylvania	22.4	(2.7)	22.6	(2.5)	22.5	(1.8)	22.6	(2.7)	23.1	(2.4)	22.9	(1.8)
Rhode Island	22.3	(3.1)	21.9	(2.9)	22.1	(2.2)	21.9	(3.1)	23.7	(3.1)	22.8	(2.4)
South Carolina	20.7	(3.3)	27.0	(2.7)	24.0	(2.2)	24.4	(3.3)	26.0	(2.9)	25.2	(2.2)
South Dakota	15.8	(2.9)	19.5	(2.7)	17.7	(2.0)	18.2	(2.7)	20.4	(2.7)	19.3	(2.0)
Tennessee	21.0	(2.5)	24.3	(2.4)	22.7	(1.8)	20.6	(2.4)	27.7	(2.4)	24.3	(1.8)
Texas	17.3	(2.5)	19.5	(2.4)	18.4	(1.8)	18.4	(2.7)	19.6	(2.4)	19.0	(1.8)
Utah	17.1	(2.7)	20.0	(2.7)	18.6	(2.0)	18.1	(2.9)	18.1	(2.5)	18.1	(2.0)
Vermont	19.5	(2.7)	19.6	(2.5)	19.5	(1.8)	21.9	(3.3)	20.2	(2.5)	21.0	(2.0)
Virginia	17.6	(2.9)	22.4	(2.9)	20.1	(2.2)	20.0	(3.1)	20.8	(2.7)	20.4	(2.2)
Washington	18.9	(2.4)	19.6	(2.2)	19.2	(1.6)	20.7	(2.5)	22.9	(2.4)	21.8	(1.8)
West Virginia	22.6	(2.9)	24.8	(2.4)	23.8	(2.0)	23.1	(2.9)	25.7	(2.5)	24.5	(2.0)
Wisconsin	20.2	(3.3)	20.1	(3.1)	20.1	(2.2)	19.3	(3.1)	23.0	(3.1)	21.2	(2.2)
<b>Median</b>	<b>19.6</b>		<b>21.8</b>		<b>20.6</b>		<b>20.6</b>		<b>22.5</b>		<b>21.7</b>	
<b>Low</b>	<b>14.2</b>		<b>14.0</b>		<b>14.7</b>		<b>14.6</b>		<b>17.1</b>		<b>16.8</b>	
<b>High</b>	<b>24.1</b>		<b>31.6</b>		<b>27.9</b>		<b>27.6</b>		<b>31.8</b>		<b>29.8</b>	

\* Confidence interval.

**TABLE 11. Percentage of adults who reported ever having been told by a health professional that they had diabetes, by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993*					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI) <sup>†</sup>	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	5.2	(1.6)	5.0	(1.4)	5.1	(1.0)	4.4	(1.6)	6.7	(1.6)	5.6	(1.2)
Alaska	1.6	(1.0)	4.1	(2.0)	2.8	(1.0)	3.7	(2.5)	4.0	(1.8)	3.9	(1.6)
Arizona	4.5	(2.2)	4.5	(1.6)	4.5	(1.4)	2.2	(1.6)	4.2	(1.8)	3.2	(1.2)
Arkansas							4.2	(1.6)	7.2	(1.8)	5.8	(1.2)
California	3.9	(1.0)	6.9	(1.2)	5.4	(0.8)	4.0	(1.0)	5.0	(1.2)	4.5	(0.8)
Colorado	4.1	(1.6)	5.0	(1.4)	4.6	(1.0)	2.6	(1.2)	2.8	(1.2)	2.7	(0.8)
Connecticut	5.2	(1.8)	5.5	(1.6)	5.3	(1.2)	5.6	(2.0)	4.9	(1.4)	5.2	(1.2)
Delaware	4.6	(1.8)	4.5	(1.4)	4.5	(1.2)	5.0	(1.8)	5.5	(1.4)	5.2	(1.2)
District of Columbia	6.2	(2.2)	8.4	(2.0)	7.4	(1.6)	3.5	(1.6)	5.4	(2.0)	4.5	(1.2)
Florida	6.2	(1.6)	6.3	(1.2)	6.3	(1.0)	4.5	(1.2)	5.8	(1.2)	5.2	(0.8)
Georgia	4.1	(1.4)	6.8	(1.8)	5.5	(1.2)	3.1	(1.2)	4.2	(1.2)	3.7	(0.8)
Hawaii	6.2	(2.0)	7.8	(2.0)	7.0	(1.4)	4.6	(1.6)	5.3	(1.6)	5.0	(1.2)
Idaho	4.9	(1.4)	7.4	(1.8)	6.1	(1.0)	4.4	(1.6)	4.0	(1.4)	4.2	(1.0)
Illinois	3.9	(1.4)	5.1	(1.4)	4.5	(1.0)	4.7	(1.6)	5.7	(1.4)	5.2	(1.0)
Indiana	5.1	(1.6)	6.4	(1.4)	5.8	(1.0)	3.5	(1.2)	3.6	(1.2)	3.5	(0.8)
Iowa	3.6	(1.4)	4.9	(1.6)	4.3	(1.0)	3.3	(1.4)	3.3	(1.2)	3.3	(0.8)
Kansas	4.2	(1.6)	4.5	(1.6)	4.3	(1.2)	4.6	(1.8)	4.3	(1.6)	4.4	(1.2)
Kentucky	5.2	(1.6)	5.4	(1.4)	5.3	(1.0)	3.5	(1.2)	3.9	(1.0)	3.7	(0.8)
Louisiana	4.5	(1.6)	6.9	(1.8)	5.7	(1.2)	5.7	(2.0)	4.7	(1.4)	5.2	(1.2)
Maine	2.8	(1.4)	2.8	(1.2)	2.8	(1.0)	3.7	(1.6)	2.7	(1.2)	3.2	(1.0)
Maryland	5.0	(1.8)	6.1	(1.6)	5.6	(1.2)	4.1	(1.0)	5.7	(1.0)	4.9	(0.8)
Massachusetts	3.7	(1.6)	6.5	(2.0)	5.2	(1.4)	4.7	(1.8)	3.7	(1.4)	4.2	(1.0)
Michigan	4.4	(1.4)	6.3	(1.4)	5.4	(1.0)	6.1	(1.6)	5.0	(1.4)	5.5	(1.0)
Minnesota	2.2	(0.8)	4.6	(1.0)	3.5	(0.6)	4.1	(1.0)	4.3	(1.0)	4.2	(0.8)
Mississippi	3.9	(1.6)	9.0	(2.0)	6.6	(1.4)	5.5	(2.0)	7.1	(1.8)	6.3	(1.4)
Missouri	4.4	(1.8)	7.3	(1.8)	5.9	(1.2)	5.6	(2.0)	5.0	(1.6)	5.3	(1.2)
Montana	4.3	(1.8)	4.4	(1.8)	4.4	(1.2)	4.6	(2.0)	4.2	(1.6)	4.4	(1.4)
Nebraska	4.6	(1.8)	6.8	(2.0)	5.7	(1.4)	5.6	(1.8)	5.6	(1.4)	5.6	(1.2)
Nevada	5.7	(2.0)	7.2	(1.8)	6.5	(1.4)	3.7	(1.6)	4.4	(1.4)	4.0	(1.0)
New Hampshire	2.6	(1.0)	5.3	(1.6)	4.0	(1.0)	4.2	(1.6)	4.5	(1.4)	4.4	(1.0)
New Jersey	3.5	(1.6)	4.7	(1.6)	4.1	(1.2)	6.1	(2.2)	4.2	(1.4)	5.1	(1.4)
New Mexico	3.5	(2.0)	4.4	(1.6)	4.0	(1.2)	3.0	(1.4)	4.6	(1.6)	3.8	(1.2)
New York	4.4	(1.4)	6.7	(1.6)	5.6	(1.0)	4.5	(1.4)	4.3	(1.2)	4.4	(1.0)
North Carolina	4.9	(1.4)	6.5	(1.4)	5.7	(1.0)	4.9	(1.4)	4.9	(1.2)	4.9	(1.0)
North Dakota	4.4	(1.4)	4.9	(1.4)	4.6	(1.0)	4.9	(1.8)	3.8	(1.4)	4.4	(1.0)
Ohio	4.2	(1.8)	5.6	(1.8)	5.0	(1.2)	4.5	(1.8)	5.9	(1.6)	5.2	(1.2)
Oklahoma	4.6	(2.2)	5.5	(1.6)	5.1	(1.4)	3.0	(1.4)	5.5	(1.6)	4.3	(1.0)
Oregon	4.7	(1.2)	5.9	(1.2)	5.3	(0.8)	3.8	(1.2)	4.8	(1.2)	4.3	(0.8)
Pennsylvania	5.9	(1.6)	6.0	(1.4)	5.9	(1.0)	4.8	(1.4)	5.7	(1.4)	5.3	(1.0)
Rhode Island	3.3	(1.2)	6.9	(1.6)	5.2	(1.0)	6.5	(2.0)	4.4	(1.4)	5.4	(1.2)
South Carolina	5.0	(1.6)	6.3	(1.4)	5.7	(1.0)	5.0	(1.8)	6.1	(1.4)	5.6	(1.2)
South Dakota	4.5	(1.8)	5.2	(1.4)	4.9	(1.0)	3.0	(1.2)	4.2	(1.2)	3.6	(0.8)
Tennessee	4.8	(1.4)	6.1	(1.2)	5.5	(1.0)	5.8	(1.4)	6.5	(1.2)	6.2	(1.0)
Texas	4.5	(1.4)	8.2	(1.6)	6.4	(1.2)	5.4	(1.6)	5.2	(1.4)	5.3	(1.0)
Utah	2.4	(1.2)	4.3	(1.4)	3.4	(1.0)	2.9	(1.4)	4.0	(1.2)	3.5	(1.0)
Vermont	3.0	(1.2)	4.3	(1.2)	3.7	(0.8)	4.2	(1.6)	4.6	(1.4)	4.4	(1.0)
Virginia	3.8	(1.4)	6.5	(1.6)	5.2	(1.0)	5.1	(1.6)	4.3	(1.4)	4.7	(1.0)
Washington	3.8	(1.2)	4.4	(1.2)	4.1	(0.8)	3.6	(1.2)	3.7	(1.0)	3.6	(0.8)
West Virginia	5.8	(1.6)	7.0	(1.4)	6.4	(1.0)	5.1	(1.6)	6.9	(1.4)	6.0	(1.0)
Wisconsin	6.2	(2.0)	3.4	(1.4)	4.8	(1.2)	3.7	(1.6)	5.3	(1.8)	4.5	(1.2)
<b>Median</b>	<b>4.4</b>		<b>5.9</b>		<b>5.2</b>		<b>4.4</b>		<b>4.6</b>		<b>4.5</b>	
<b>Low</b>	<b>1.6</b>		<b>2.8</b>		<b>2.8</b>		<b>2.2</b>		<b>2.7</b>		<b>2.7</b>	
<b>High</b>	<b>6.2</b>		<b>9.0</b>		<b>7.4</b>		<b>6.5</b>		<b>7.2</b>		<b>6.3</b>	

\* In 1993, gestational diabetes was excluded from the question on diabetes awareness.

† Confidence interval.

## Screening

### *Cholesterol*

In 1992, the percentage of adults who reported ever having had their blood cholesterol tested ranged from 59.4% in Utah to 73.7% in Massachusetts (median: 67.3%) (Table 13). In 1993, the percentage ranged from 59.5% in Mississippi to 75.6% in Massachusetts (median: 67.9%). The median was lower for men than for women in 1992 (65.3% vs. 69.6%) and 1993 (65.5% vs. 70.3%).

The percentage of adults who reported that they had had their blood cholesterol tested within the past 5 years varied from 58.4% in Utah to 72.6% in Massachusetts (median: 65.9%) in 1992 (Table 14). In 1993, this percentage varied from 57.0% in Mississippi to 73.4% in Massachusetts (median: 65.0%). The median was lower for men than for women in 1992 (63.5% vs. 68.1%) and 1993 (62.7% vs. 67.6%).

### *Cervical Cancer*

In 1992 and 1993, the percentage of women who had ever had a Pap smear was >84% in all states (Table 15). The percentage varied from 86.6% to 97.1% (median: 93.5%) in 1992 and from 84.3% to 96.6% (median: 93.7%) in 1993.

In both years, the percentage of women who reported having had a Pap smear in the past 3 years for any reason was >76% (Table 15). The percentage ranged from 76.2% to 89.8% (median: 83.2%) in 1992 and from 77.3% to 90.2% (median: 84.2%) in 1993. The proportion of women who had had a Pap smear in the previous 3 years as part of a routine checkup was 4.8 and 4.0 percentage points lower than that for any reason in 1992 and 1993, respectively.

### *Breast Cancer*

**Mammogram.** In 1992, the percentage of women  $\geq 40$  years of age who reported ever having had a mammogram varied from 57.3% to 82.3% (median: 74.0%) (Table 16). In 1993, the percentage varied from 68.5% to 85.7% (median: 77.9%).

In 1992, 62.4% of women  $\geq 50$  years of age reported that they had had a mammogram in the past 2 years for any reason (range: 44.3%–75.8%) (Table 16). In 1993, this value was 65.9% (range: 55.2%–74.6%). In 1992, the percentage of women who had had a mammogram in the past 2 years for routine reasons was 7.0 percentage points lower than that for having the mammogram for any reason; in 1993, this value was 5.7 percentage points lower.

**Clinical Breast Examination.** In both 1992 and 1993, >81% of women  $\geq 40$  years of age reported ever having had a clinical breast examination (Table 17). In 1992, this percentage ranged from 81.5% to 96.0% (median: 87.9%); in 1993, the percentage varied from 81.6% to 95.0% (median: 89.8%).

In 1992 and 1993, >60% of women  $\geq 50$  years of age reported that they had had a clinical breast examination in the past 2 years for any reason (Table 17). In 1992, the percentage ranged from 60.5% to 83.2% (median: 72.4%); in 1993, it ranged from 60.2% to 82.0% (median: 73.4%). In 1992, the percentage of women who reported having had a clinical breast examination in the past 2 years for routine reasons was



**TABLE 12. Percentage of adults who reported ever having been told by a health professional that they had high blood cholesterol, by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI)*	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	12.4	(2.5)	16.5	(2.2)	14.6	(1.6)	16.7	(2.7)	19.1	(2.4)	18.0	(1.8)
Alaska	16.2	(3.7)	18.2	(4.1)	17.2	(2.7)	18.1	(4.5)	18.5	(3.9)	18.3	(2.9)
Arizona	14.3	(3.3)	16.8	(2.9)	15.6	(2.4)	16.3	(4.3)	16.0	(2.7)	16.2	(2.4)
Arkansas							16.1	(2.9)	20.4	(2.5)	18.4	(2.0)
California	15.6	(1.8)	18.8	(1.8)	17.2	(1.2)	18.3	(2.2)	20.7	(2.0)	19.5	(1.4)
Colorado	18.0	(2.9)	16.4	(2.4)	17.2	(2.0)	16.5	(2.7)	19.1	(2.5)	17.8	(2.0)
Connecticut	20.0	(3.1)	21.0	(2.7)	20.6	(2.0)	21.9	(3.3)	20.4	(2.5)	21.1	(2.2)
Delaware	18.6	(3.5)	20.1	(2.7)	19.4	(2.4)	20.0	(2.9)	19.7	(2.4)	19.9	(2.0)
District of Columbia	12.8	(2.9)	19.6	(2.9)	16.5	(2.2)	10.3	(2.7)	13.2	(2.5)	11.9	(2.0)
Florida	18.1	(2.5)	22.5	(2.2)	20.4	(1.6)	21.7	(2.4)	24.3	(2.2)	23.0	(1.6)
Georgia	14.3	(2.5)	14.8	(2.4)	14.6	(1.8)	15.1	(2.5)	19.3	(2.4)	17.3	(1.8)
Hawaii	19.6	(3.1)	18.7	(2.9)	19.2	(2.2)	23.9	(3.5)	22.7	(3.1)	23.3	(2.4)
Idaho	12.4	(2.4)	18.4	(2.5)	15.4	(1.8)	18.6	(3.5)	20.2	(2.9)	19.4	(2.4)
Illinois	15.4	(2.5)	16.6	(2.2)	16.0	(1.6)	17.2	(2.7)	18.9	(2.4)	18.1	(1.8)
Indiana	20.9	(2.7)	20.7	(2.4)	20.8	(1.8)	16.3	(2.5)	22.4	(2.5)	19.5	(1.8)
Iowa	15.5	(2.7)	21.1	(2.9)	18.4	(2.0)	18.4	(2.7)	21.8	(2.7)	20.2	(2.0)
Kansas	16.2	(2.9)	19.4	(2.9)	17.9	(2.2)	19.0	(3.1)	23.3	(3.1)	21.2	(2.2)
Kentucky	15.8	(2.5)	21.2	(2.2)	18.7	(1.8)	18.2	(2.5)	21.8	(2.4)	20.1	(1.8)
Louisiana	14.8	(2.9)	18.1	(2.5)	16.5	(2.0)	17.3	(3.1)	17.0	(2.4)	17.1	(2.0)
Maine	12.5	(2.9)	18.5	(3.3)	15.6	(2.2)	18.7	(3.5)	19.0	(3.1)	18.8	(2.4)
Maryland	16.5	(2.7)	17.9	(2.4)	17.2	(1.8)	17.2	(2.0)	19.8	(1.8)	18.5	(1.4)
Massachusetts	19.7	(3.3)	20.8	(3.1)	20.3	(2.4)	22.1	(3.5)	19.8	(2.9)	20.9	(2.2)
Michigan	18.3	(2.5)	19.3	(2.2)	18.8	(1.8)	19.6	(2.5)	23.4	(2.5)	21.6	(1.8)
Minnesota	18.5	(2.0)	20.3	(2.0)	19.4	(1.4)	17.9	(2.2)	20.3	(2.0)	19.1	(1.4)
Mississippi	16.0	(2.9)	20.6	(2.7)	18.5	(2.2)	16.7	(3.1)	20.4	(2.9)	18.7	(2.2)
Missouri	16.4	(3.1)	19.3	(2.7)	17.9	(2.0)	17.3	(3.1)	24.5	(3.3)	21.1	(2.4)
Montana	15.1	(3.1)	19.0	(3.3)	17.1	(2.4)	18.1	(3.5)	17.6	(2.9)	17.8	(2.2)
Nebraska	13.4	(2.7)	16.1	(2.5)	14.8	(1.8)	16.7	(2.7)	19.3	(2.5)	18.0	(2.0)
Nevada	21.3	(3.9)	20.3	(2.7)	20.8	(2.4)	19.8	(3.3)	21.2	(2.5)	20.5	(2.2)
New Hampshire	18.8	(2.9)	21.3	(2.9)	20.1	(2.2)	18.1	(2.9)	22.0	(3.1)	20.1	(2.2)
New Jersey	19.9	(3.5)	19.4	(2.9)	19.6	(2.4)	19.5	(3.5)	20.4	(2.9)	20.0	(2.2)
New Mexico	17.3	(3.5)	17.2	(2.9)	17.3	(2.4)	18.0	(3.1)	18.6	(2.9)	18.3	(2.2)
New York	16.5	(2.5)	20.1	(2.5)	18.4	(1.8)	17.6	(2.5)	20.9	(2.4)	19.3	(1.8)
North Carolina	17.4	(2.7)	19.4	(2.4)	18.4	(1.8)	14.3	(2.4)	20.4	(2.4)	17.5	(1.6)
North Dakota	18.3	(2.7)	19.9	(2.5)	19.1	(2.0)	21.0	(2.9)	22.4	(2.7)	21.7	(2.2)
Ohio	14.7	(3.1)	15.6	(2.9)	15.2	(2.2)	17.1	(3.3)	18.4	(2.7)	17.8	(2.2)
Oklahoma	15.3	(3.1)	18.1	(2.5)	16.7	(2.2)	17.5	(3.1)	18.7	(2.7)	18.1	(2.2)
Oregon	18.6	(2.2)	19.2	(2.0)	18.9	(1.4)	19.7	(2.2)	21.8	(2.2)	20.8	(1.6)
Pennsylvania	16.5	(2.4)	20.7	(2.4)	18.7	(1.8)	17.4	(2.5)	20.2	(2.4)	18.9	(1.8)
Rhode Island	18.9	(2.9)	19.3	(2.5)	19.1	(2.0)	17.8	(2.7)	20.7	(2.9)	19.4	(2.0)
South Carolina	18.0	(3.1)	17.4	(2.4)	17.7	(2.0)	14.8	(2.5)	21.7	(2.5)	18.4	(1.8)
South Dakota	14.2	(2.7)	17.2	(2.5)	15.7	(1.8)	16.6	(2.7)	18.1	(2.5)	17.4	(1.8)
Tennessee	15.3	(2.2)	18.8	(2.2)	17.1	(1.6)	17.5	(2.4)	20.8	(2.0)	19.2	(1.6)
Texas	17.5	(2.5)	20.2	(2.4)	18.9	(1.8)	18.1	(2.7)	20.5	(2.4)	19.3	(1.8)
Utah	12.3	(2.5)	16.4	(2.4)	14.4	(1.8)	18.4	(3.1)	16.3	(2.4)	17.4	(2.0)
Vermont	16.4	(2.5)	21.1	(2.5)	18.8	(1.8)	17.7	(2.7)	19.4	(2.5)	18.6	(1.8)
Virginia	15.8	(2.7)	17.0	(2.4)	16.4	(1.8)	18.5	(2.9)	19.8	(2.4)	19.2	(2.0)
Washington	17.9	(2.4)	18.4	(2.2)	18.2	(1.6)	18.6	(2.4)	22.5	(2.4)	20.6	(1.8)
West Virginia	19.8	(2.7)	23.0	(2.4)	21.5	(1.8)	18.3	(2.7)	23.9	(2.4)	21.3	(2.0)
Wisconsin	19.0	(3.1)	20.6	(3.1)	19.8	(2.2)	18.7	(3.1)	24.1	(3.1)	21.5	(2.4)
<b>Median</b>	<b>16.5</b>		<b>19.3</b>		<b>18.2</b>		<b>18.0</b>		<b>20.4</b>		<b>19.2</b>	
<b>Low</b>	<b>12.3</b>		<b>14.8</b>		<b>14.4</b>		<b>10.3</b>		<b>13.2</b>		<b>11.9</b>	
<b>High</b>	<b>21.3</b>		<b>23.0</b>		<b>21.5</b>		<b>23.9</b>		<b>24.5</b>		<b>23.3</b>	

\* Confidence interval.

**TABLE 13. Percentage of adults who reported ever having their blood cholesterol tested, by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI)*	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	64.8	(3.3)	69.0	(2.9)	67.1	(2.2)	62.2	(3.5)	65.0	(2.9)	63.7	(2.4)
Alaska	61.0	(5.7)	66.5	(4.7)	63.5	(3.7)	65.0	(4.9)	65.8	(4.9)	65.4	(3.5)
Arizona	60.3	(4.9)	68.3	(4.1)	64.5	(3.3)	67.6	(4.9)	69.5	(4.3)	68.5	(3.3)
Arkansas							61.4	(4.1)	64.1	(3.1)	62.8	(2.5)
California	61.7	(2.5)	69.4	(2.2)	65.6	(1.8)	66.0	(2.9)	73.4	(2.4)	69.7	(2.0)
Colorado	66.3	(3.7)	69.6	(3.1)	68.0	(2.5)	65.9	(3.7)	70.2	(3.1)	68.1	(2.5)
Connecticut	68.9	(3.7)	73.2	(2.9)	71.2	(2.4)	70.3	(3.9)	73.9	(2.9)	72.2	(2.4)
Delaware	65.1	(4.1)	66.3	(3.3)	65.7	(2.7)	66.8	(3.5)	68.4	(2.9)	67.7	(2.4)
District of Columbia	64.5	(4.7)	75.2	(3.5)	70.3	(2.9)	61.2	(4.7)	67.5	(3.7)	64.6	(2.9)
Florida	68.9	(3.1)	76.2	(2.4)	72.7	(2.0)	69.8	(2.7)	75.9	(2.2)	73.0	(1.8)
Georgia	65.2	(3.7)	68.2	(3.3)	66.8	(2.5)	62.6	(3.7)	70.1	(3.1)	66.5	(2.4)
Hawaii	68.8	(3.9)	66.7	(3.7)	67.7	(2.7)	70.8	(3.9)	69.3	(3.1)	70.1	(2.5)
Idaho	56.8	(3.7)	65.3	(3.3)	61.1	(2.5)	63.1	(4.3)	68.0	(3.1)	65.5	(2.7)
Illinois	63.6	(3.9)	69.8	(2.7)	66.8	(2.4)	61.8	(3.7)	66.1	(2.9)	64.0	(2.4)
Indiana	64.8	(3.3)	63.8	(2.7)	64.3	(2.2)	59.9	(3.5)	67.0	(2.9)	63.6	(2.4)
Iowa	63.2	(3.7)	71.3	(3.1)	67.5	(2.5)	67.1	(3.5)	73.0	(3.1)	70.2	(2.4)
Kansas	67.2	(3.9)	66.8	(3.7)	67.0	(2.7)	61.3	(4.1)	70.5	(3.3)	66.1	(2.7)
Kentucky	57.8	(3.9)	63.4	(2.9)	60.8	(2.4)	60.5	(3.3)	67.0	(2.7)	63.9	(2.2)
Louisiana	59.2	(4.3)	67.8	(3.3)	63.7	(2.7)	64.4	(4.3)	68.5	(3.1)	66.6	(2.5)
Maine	64.2	(4.3)	73.4	(3.7)	69.0	(2.9)	67.2	(4.3)	70.9	(3.7)	69.1	(2.9)
Maryland	68.8	(3.5)	69.7	(2.9)	69.3	(2.2)	69.0	(2.5)	73.5	(2.0)	71.4	(1.6)
Massachusetts	72.3	(3.9)	74.8	(3.3)	73.7	(2.5)	74.6	(3.7)	76.4	(3.1)	75.6	(2.4)
Michigan	67.6	(3.1)	71.6	(2.7)	69.7	(2.2)	68.0	(3.3)	74.3	(2.5)	71.3	(2.2)
Minnesota	65.6	(2.7)	75.2	(2.2)	70.6	(1.8)	66.9	(2.5)	75.1	(2.0)	71.2	(1.6)
Mississippi	57.4	(4.5)	66.4	(3.3)	62.2	(2.7)	58.4	(4.3)	60.4	(3.5)	59.5	(2.9)
Missouri	63.1	(4.3)	69.9	(3.3)	66.7	(2.7)	64.5	(4.3)	69.3	(3.3)	67.0	(2.5)
Montana	64.7	(4.7)	67.5	(3.9)	66.1	(3.1)	62.6	(4.7)	70.4	(4.1)	66.6	(3.1)
Nebraska	61.9	(3.9)	67.4	(3.3)	64.8	(2.5)	63.4	(3.7)	68.8	(3.1)	66.2	(2.4)
Nevada	63.9	(4.3)	68.5	(3.3)	66.1	(2.7)	61.9	(3.9)	67.1	(3.1)	64.5	(2.5)
New Hampshire	67.8	(4.1)	74.5	(3.7)	71.2	(2.7)	67.3	(4.1)	74.9	(3.3)	71.2	(2.5)
New Jersey	66.9	(4.3)	69.8	(3.5)	68.4	(2.7)	70.6	(3.9)	74.3	(3.3)	72.6	(2.5)
New Mexico	65.7	(4.5)	64.2	(3.9)	64.9	(3.1)	60.5	(4.7)	64.3	(3.9)	62.5	(3.1)
New York	65.6	(3.3)	70.3	(2.7)	68.0	(2.2)	65.3	(3.5)	71.4	(2.7)	68.5	(2.4)
North Carolina	68.5	(3.5)	72.5	(2.9)	70.6	(2.4)	67.1	(3.3)	71.4	(2.7)	69.3	(2.2)
North Dakota	66.5	(3.7)	68.0	(3.1)	67.3	(2.4)	67.3	(3.5)	70.6	(3.1)	69.0	(2.4)
Ohio	62.2	(4.3)	67.3	(3.9)	64.9	(2.9)	59.1	(4.7)	66.0	(3.5)	62.7	(2.9)
Oklahoma	66.0	(4.3)	71.2	(3.3)	68.7	(2.7)	60.7	(4.3)	67.8	(3.5)	64.4	(2.7)
Oregon	66.1	(2.7)	71.5	(2.4)	68.9	(1.8)	66.2	(2.7)	74.4	(2.4)	70.4	(1.8)
Pennsylvania	66.8	(3.3)	70.7	(2.7)	68.9	(2.2)	66.2	(3.1)	71.5	(2.7)	69.0	(2.2)
Rhode Island	70.3	(3.9)	72.5	(2.9)	71.5	(2.4)	68.6	(3.7)	76.2	(3.1)	72.6	(2.4)
South Carolina	66.5	(3.9)	73.6	(3.1)	70.2	(2.5)	67.5	(3.9)	71.2	(2.9)	69.4	(2.5)
South Dakota	62.8	(3.7)	68.8	(3.1)	65.9	(2.5)	60.9	(3.9)	65.8	(3.1)	63.4	(2.5)
Tennessee	65.4	(2.9)	68.4	(2.5)	67.0	(2.0)	64.5	(2.9)	69.4	(2.5)	67.1	(2.0)
Texas	62.9	(3.5)	70.4	(2.7)	66.8	(2.2)	65.8	(3.3)	70.9	(2.7)	68.4	(2.2)
Utah	56.6	(3.9)	62.1	(3.5)	59.4	(2.7)	63.3	(3.7)	62.3	(3.3)	62.8	(2.5)
Vermont	65.0	(3.7)	73.3	(3.1)	69.3	(2.4)	72.8	(3.7)	72.9	(2.9)	72.8	(2.4)
Virginia	68.4	(3.9)	68.6	(3.1)	68.5	(2.4)	67.9	(3.7)	74.4	(2.9)	71.2	(2.5)
Washington	68.5	(3.1)	73.1	(2.5)	70.8	(2.0)	66.7	(2.9)	75.9	(2.5)	71.4	(2.0)
West Virginia	65.3	(3.1)	67.7	(2.5)	66.6	(2.0)	60.3	(3.5)	67.9	(2.7)	64.3	(2.2)
Wisconsin	67.3	(3.9)	76.6	(3.3)	72.2	(2.5)	62.4	(3.9)	72.3	(3.5)	67.5	(2.5)
<b>Median</b>	<b>65.3</b>		<b>69.6</b>		<b>67.3</b>		<b>65.5</b>		<b>70.3</b>		<b>67.9</b>	
<b>Low</b>	<b>56.6</b>		<b>62.1</b>		<b>59.4</b>		<b>58.4</b>		<b>60.4</b>		<b>59.5</b>	
<b>High</b>	<b>72.3</b>		<b>76.6</b>		<b>73.7</b>		<b>74.6</b>		<b>76.4</b>		<b>75.6</b>	

\* Confidence interval.

**TABLE 14. Percentage of adults who reported having their blood cholesterol tested in the past 5 years, by sex — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	1992						1993					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI)*	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	62.9	(3.3)	68.2	(2.9)	65.7	(2.2)	60.4	(3.5)	63.8	(2.9)	62.2	(2.4)
Alaska	58.4	(5.7)	65.1	(4.7)	61.6	(3.7)	61.3	(5.1)	63.0	(4.9)	62.1	(3.5)
Arizona	59.1	(4.9)	65.6	(4.1)	62.5	(3.3)	63.6	(4.9)	66.1	(4.3)	64.9	(3.3)
Arkansas							59.1	(4.1)	61.7	(3.1)	60.5	(2.5)
California	59.9	(2.5)	67.6	(2.2)	63.8	(1.8)	63.0	(2.9)	71.1	(2.4)	67.1	(2.0)
Colorado	63.9	(3.7)	68.1	(3.1)	66.1	(2.5)	62.9	(3.7)	66.7	(3.3)	64.8	(2.5)
Connecticut	66.9	(3.7)	70.8	(3.1)	68.9	(2.4)	68.2	(3.9)	72.3	(2.9)	70.3	(2.4)
Delaware	63.6	(4.3)	65.2	(3.3)	64.5	(2.7)	64.7	(3.7)	66.2	(2.9)	65.5	(2.4)
District of Columbia	63.1	(4.7)	74.5	(3.5)	69.3	(2.9)	60.3	(4.7)	66.6	(3.7)	63.7	(2.9)
Florida	67.0	(3.1)	74.6	(2.5)	71.0	(2.0)	66.6	(2.9)	72.6	(2.4)	69.8	(1.8)
Georgia	63.4	(3.7)	67.5	(3.3)	65.6	(2.5)	60.1	(3.7)	68.1	(3.1)	64.3	(2.4)
Hawaii	66.9	(3.9)	65.8	(3.7)	66.4	(2.7)	68.7	(3.9)	67.8	(3.3)	68.2	(2.5)
Idaho	55.2	(3.7)	64.4	(3.3)	59.9	(2.5)	60.9	(4.3)	65.4	(3.3)	63.2	(2.7)
Illinois	62.1	(3.7)	69.0	(2.7)	65.8	(2.4)	60.5	(3.7)	64.0	(2.9)	62.3	(2.4)
Indiana	63.5	(3.3)	61.9	(2.7)	62.6	(2.2)	57.7	(3.5)	63.7	(2.9)	60.9	(2.4)
Iowa	62.9	(3.7)	70.6	(3.1)	67.0	(2.5)	64.6	(3.5)	70.6	(3.1)	67.8	(2.5)
Kansas	65.1	(3.9)	65.8	(3.7)	65.5	(2.7)	60.5	(4.1)	67.1	(3.5)	63.9	(2.7)
Kentucky	56.3	(3.9)	61.5	(2.9)	59.0	(2.4)	58.2	(3.3)	64.6	(2.7)	61.6	(2.4)
Louisiana	57.4	(4.3)	66.6	(3.3)	62.3	(2.7)	60.9	(4.3)	65.8	(3.3)	63.5	(2.7)
Maine	62.8	(4.3)	72.1	(3.7)	67.7	(2.9)	64.0	(4.3)	69.3	(3.7)	66.7	(2.9)
Maryland	67.7	(3.5)	68.6	(2.9)	68.2	(2.4)	67.3	(2.5)	71.6	(2.0)	69.6	(1.6)
Massachusetts	71.3	(3.9)	73.8	(3.3)	72.6	(2.5)	72.6	(3.7)	74.2	(3.1)	73.4	(2.4)
Michigan	65.8	(3.1)	70.6	(2.7)	68.3	(2.2)	65.8	(3.3)	72.3	(2.7)	69.2	(2.2)
Minnesota	64.3	(2.7)	73.8	(2.2)	69.2	(1.8)	62.6	(2.5)	72.0	(2.2)	67.5	(1.8)
Mississippi	55.4	(4.5)	64.6	(3.5)	60.3	(2.7)	56.2	(4.3)	57.8	(3.5)	57.0	(2.9)
Missouri	61.6	(4.3)	68.7	(3.5)	65.4	(2.7)	61.5	(4.3)	67.0	(3.3)	64.4	(2.7)
Montana	61.9	(4.7)	65.0	(4.1)	63.5	(3.1)	61.2	(4.7)	67.5	(4.1)	64.5	(3.1)
Nebraska	58.7	(4.1)	65.4	(3.3)	62.2	(2.5)	58.0	(3.7)	65.7	(3.1)	62.0	(2.5)
Nevada	60.8	(4.3)	67.1	(3.3)	63.9	(2.7)	57.6	(4.1)	63.9	(3.3)	60.7	(2.5)
New Hampshire	66.2	(4.1)	73.4	(3.7)	69.9	(2.7)	64.3	(4.1)	72.1	(3.3)	68.3	(2.7)
New Jersey	64.9	(4.3)	68.0	(3.5)	66.5	(2.7)	67.5	(4.1)	71.7	(3.3)	69.7	(2.7)
New Mexico	62.3	(4.5)	63.1	(3.9)	62.7	(2.9)	56.7	(4.7)	61.5	(3.9)	59.2	(3.1)
New York	64.9	(3.3)	69.2	(2.7)	67.2	(2.2)	63.2	(3.5)	69.9	(2.9)	66.7	(2.4)
North Carolina	65.7	(3.5)	70.5	(2.9)	68.2	(2.4)	64.2	(3.3)	68.6	(2.7)	66.5	(2.2)
North Dakota	64.0	(3.7)	65.7	(3.1)	64.8	(2.4)	63.7	(3.5)	66.6	(3.1)	65.2	(2.4)
Ohio	60.8	(4.5)	66.5	(3.9)	63.8	(2.9)	57.1	(4.7)	64.9	(3.5)	61.2	(2.9)
Oklahoma	64.5	(4.5)	69.7	(3.3)	67.2	(2.7)	58.9	(4.3)	66.3	(3.5)	62.8	(2.7)
Oregon	63.1	(2.7)	69.1	(2.4)	66.2	(1.8)	61.5	(2.7)	70.8	(2.5)	66.3	(2.0)
Pennsylvania	64.0	(3.3)	69.0	(2.7)	66.7	(2.2)	63.8	(3.3)	68.7	(2.7)	66.4	(2.2)
Rhode Island	68.7	(3.9)	71.8	(3.1)	70.3	(2.4)	66.9	(3.9)	74.8	(3.3)	71.1	(2.5)
South Carolina	64.9	(3.9)	71.9	(3.1)	68.6	(2.5)	65.2	(4.1)	68.5	(2.9)	67.0	(2.5)
South Dakota	61.7	(3.7)	67.2	(3.1)	64.5	(2.5)	59.0	(3.9)	63.9	(3.1)	61.5	(2.5)
Tennessee	64.3	(3.1)	67.3	(2.5)	65.9	(2.0)	62.9	(2.9)	67.7	(2.5)	65.4	(2.0)
Texas	61.0	(3.5)	68.4	(2.7)	64.8	(2.4)	62.9	(3.3)	68.7	(2.7)	65.9	(2.2)
Utah	55.4	(3.9)	61.3	(3.5)	58.4	(2.7)	60.1	(3.9)	60.0	(3.3)	60.1	(2.5)
Vermont	62.3	(3.7)	71.9	(3.1)	67.3	(2.4)	69.2	(3.7)	70.1	(2.9)	69.6	(2.4)
Virginia	67.3	(3.9)	67.6	(3.1)	67.5	(2.4)	64.9	(3.9)	72.3	(2.9)	68.7	(2.5)
Washington	65.9	(3.1)	72.0	(2.5)	69.0	(2.0)	63.1	(2.9)	72.6	(2.5)	68.0	(2.0)
West Virginia	63.8	(3.3)	66.8	(2.5)	65.4	(2.2)	57.8	(3.5)	65.6	(2.7)	61.9	(2.2)
Wisconsin	65.8	(3.9)	74.6	(3.3)	70.4	(2.5)	58.9	(4.1)	69.5	(3.5)	64.4	(2.7)
<b>Median</b>	<b>63.5</b>		<b>68.1</b>		<b>65.9</b>		<b>62.7</b>		<b>67.6</b>		<b>65.0</b>	
<b>Low</b>	<b>55.2</b>		<b>61.3</b>		<b>58.4</b>		<b>56.2</b>		<b>57.8</b>		<b>57.0</b>	
<b>High</b>	<b>71.3</b>		<b>74.6</b>		<b>72.6</b>		<b>72.6</b>		<b>74.8</b>		<b>73.4</b>	

\* Confidence interval.

**TABLE 15. Percentage of women with an intact uterine cervix who reported having had a Papanicolaou (Pap) smear — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	Had a Pap smear in the past 3 years											
	Ever had a Pap smear				1992				1993			
	1992		1993*		For any reason		Routine checkup		For any reason		Routine checkup	
	%	(±95% CI) <sup>†</sup>	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	94.9	(1.8)	95.2	(1.8)	86.8	(2.4)	83.4	(2.7)	90.2	(2.4)	87.4	(2.5)
Alaska	97.0	(1.8)	95.9	(2.5)	89.8	(3.1)	79.4	(4.5)	89.5	(3.9)	85.7	(4.1)
Arizona	96.1	(2.0)	94.4	(2.7)	89.3	(2.9)	83.9	(3.5)	86.3	(3.7)	81.1	(3.9)
Arkansas			93.0	(2.2)					79.7	(3.3)	77.0	(3.3)
California	91.7	(1.6)	91.7	(1.8)	84.1	(2.0)	75.2	(2.4)	84.7	(2.2)	75.4	(2.5)
Colorado	97.1	(1.4)	95.4	(1.8)	88.0	(2.4)	80.9	(2.9)	85.1	(2.7)	79.4	(3.1)
Connecticut	90.1	(2.5)	88.9	(2.4)	81.4	(2.9)	79.6	(2.9)	81.7	(2.9)	79.0	(2.9)
Delaware	94.7	(2.0)	95.1	(1.6)	85.2	(2.9)	83.5	(2.9)	86.3	(2.4)	84.3	(2.5)
District of Columbia	88.3	(3.7)	84.3	(3.1)	85.8	(3.7)	79.5	(4.1)	79.0	(3.3)	76.5	(3.5)
Florida	93.0	(1.6)	93.0	(1.8)	83.2	(2.4)	79.2	(2.5)	82.4	(2.4)	79.0	(2.5)
Georgia	94.4	(2.4)	94.6	(2.0)	87.2	(2.9)	84.2	(3.1)	88.2	(2.4)	85.9	(2.5)
Hawaii	90.2	(2.7)	92.2	(2.4)	82.5	(3.1)	66.7	(3.9)	84.3	(2.9)	80.5	(2.9)
Idaho	90.6	(2.9)	93.6	(2.4)	79.6	(3.5)	76.0	(3.7)	82.9	(3.3)	77.6	(3.5)
Illinois	87.6	(2.5)	88.8	(2.4)	81.1	(2.7)	78.5	(2.9)	80.9	(2.9)	79.1	(2.9)
Indiana	94.6	(1.8)	94.2	(2.0)	80.5	(2.7)	74.4	(2.9)	80.8	(2.9)	75.5	(3.1)
Iowa	90.6	(2.4)	93.9	(2.2)	81.5	(2.9)	78.1	(3.3)	84.3	(2.9)	82.9	(3.1)
Kansas	96.6	(2.0)	96.2	(1.8)	87.8	(3.1)	84.0	(3.5)	86.9	(2.9)	84.6	(3.1)
Kentucky	90.7	(2.2)	92.2	(2.0)	78.3	(2.9)	75.4	(2.9)	78.4	(2.7)	76.6	(2.7)
Louisiana	91.5	(2.5)	93.5	(2.0)	81.0	(3.3)	77.6	(3.5)	85.3	(2.7)	82.1	(2.9)
Maine	95.6	(2.0)	95.3	(2.2)	84.7	(3.3)	83.2	(3.3)	85.9	(3.1)	84.6	(3.3)
Maryland	93.5	(2.0)	91.6	(1.6)	86.2	(2.5)	84.5	(2.5)	85.8	(1.8)	84.1	(1.8)
Massachusetts	92.1	(2.4)	92.2	(2.4)	83.4	(3.1)	77.7	(3.5)	84.2	(2.9)	80.5	(3.1)
Michigan	93.6	(2.0)	93.8	(1.6)	84.0	(2.5)	77.5	(2.7)	83.3	(2.4)	77.5	(2.7)
Minnesota	95.0	(1.2)	94.9	(1.4)	86.2	(2.0)	79.3	(2.2)	84.6	(2.0)	80.1	(2.2)
Mississippi	91.3	(2.5)	92.8	(2.2)	80.9	(3.7)	75.3	(3.9)	79.4	(3.5)	74.6	(3.7)
Missouri	94.1	(2.0)	95.7	(1.6)	83.8	(3.3)	81.5	(3.3)	85.5	(2.9)	83.0	(3.1)
Montana	94.7	(2.2)	94.2	(2.4)	81.8	(3.7)	78.2	(3.9)	82.3	(3.7)	78.5	(3.9)
Nebraska	92.1	(2.4)	93.8	(1.8)	79.8	(3.3)	76.2	(3.5)	84.9	(2.5)	80.3	(2.9)
Nevada	94.1	(2.4)	94.6	(2.2)	80.9	(3.3)	75.3	(3.7)	84.0	(2.9)	78.2	(3.3)
New Hampshire	95.1	(2.2)	90.9	(2.7)	84.4	(3.3)	78.7	(3.7)	84.3	(3.1)	78.9	(3.5)
New Jersey	86.6	(2.9)	86.4	(3.3)	76.2	(3.5)	74.7	(3.7)	79.1	(3.5)	76.1	(3.7)
New Mexico	92.9	(3.1)	95.0	(2.0)	83.2	(3.9)	79.6	(4.1)	84.6	(3.5)	80.0	(3.7)
New York	89.0	(2.2)	90.4	(2.2)	79.1	(2.7)	76.4	(2.7)	81.6	(2.7)	78.5	(2.7)
North Carolina	94.8	(1.8)	94.5	(1.8)	87.0	(2.5)	84.6	(2.7)	85.0	(2.4)	83.3	(2.5)
North Dakota	95.0	(1.8)	94.2	(2.0)	81.2	(2.9)	75.7	(3.3)	83.4	(2.9)	79.6	(3.1)
Ohio	93.9	(2.4)	93.1	(2.4)	81.7	(3.5)	78.4	(3.7)	84.2	(3.1)	81.9	(3.3)
Oklahoma	96.0	(1.8)	94.4	(2.5)	84.5	(2.9)	81.1	(3.3)	83.4	(3.5)	81.7	(3.9)
Oregon	93.1	(1.6)	96.6	(1.2)	83.2	(2.2)	76.9	(2.5)	86.0	(2.2)	81.6	(2.4)
Pennsylvania	92.9	(2.0)	89.4	(2.4)	81.7	(2.5)	74.9	(2.9)	77.3	(2.7)	73.5	(2.9)
Rhode Island	92.2	(2.4)	92.6	(2.0)	78.9	(2.9)	74.5	(3.3)	83.5	(2.7)	78.6	(3.1)
South Carolina	93.5	(2.4)	95.8	(1.6)	84.6	(2.9)	77.3	(3.7)	87.3	(2.4)	83.8	(2.7)
South Dakota	95.8	(1.8)	95.3	(1.8)	83.6	(2.7)	79.9	(2.9)	82.4	(2.9)	80.4	(2.9)
Tennessee	90.2	(2.0)	91.7	(1.8)	82.6	(2.5)	80.1	(2.5)	83.8	(2.4)	81.7	(2.4)
Texas	90.3	(2.2)	91.0	(2.2)	81.3	(2.9)	75.0	(3.1)	86.1	(2.5)	81.8	(2.7)
Utah	90.5	(3.1)	89.3	(3.1)	80.7	(4.1)	76.9	(4.1)	79.7	(3.5)	75.2	(3.5)
Vermont	96.0	(1.8)	94.7	(1.8)	87.9	(2.4)	83.1	(2.9)	84.7	(2.5)	82.2	(2.7)
Virginia	91.7	(2.4)	92.9	(2.2)	83.9	(2.9)	79.4	(3.3)	84.7	(2.9)	81.9	(3.1)
Washington	95.6	(1.4)	96.5	(1.4)	86.2	(2.2)	79.3	(2.5)	88.4	(2.2)	82.9	(2.5)
West Virginia	90.9	(2.0)	93.2	(1.8)	76.5	(2.7)	73.2	(2.9)	79.1	(2.5)	73.1	(2.9)
Wisconsin	93.9	(2.5)	93.2	(2.4)	82.9	(3.3)	76.4	(3.7)	80.1	(3.5)	74.8	(3.7)
<b>Median</b>	<b>93.5</b>		<b>93.7</b>		<b>83.2</b>		<b>78.4</b>		<b>84.2</b>		<b>80.2</b>	
<b>Low</b>	<b>86.6</b>		<b>84.3</b>		<b>76.2</b>		<b>66.7</b>		<b>77.3</b>		<b>73.1</b>	
<b>High</b>	<b>97.1</b>		<b>96.6</b>		<b>89.8</b>		<b>84.6</b>		<b>90.2</b>		<b>87.4</b>	

\*The description of a Pap smear was different in 1992 and 1993 (see Methods).

†Confidence interval.

**TABLE 16. Percentage of women who reported having had a mammogram — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	Had a mammogram in the past 2 years (women ≥50 years of age)											
	Ever had a mammogram (women ≥40 years of age)											
	1992		1993*		1992		1993					
	%	(±95% CI) <sup>†</sup>	%	(±95% CI)	For any reason	Routine checkup	For any reason	Routine checkup				
Alabama	74.3	(3.3)	78.0	(3.3)	65.5	(4.3)	57.6	(4.9)	68.9	(4.5)	63.6	(4.7)
Alaska	75.2	(6.1)	81.1	(6.7)	64.6	(10.2)	60.0	(10.4)	63.4	(12.2)	57.9	(12.2)
Arizona	75.2	(4.9)	73.5	(4.9)	65.2	(5.9)	55.1	(6.7)	67.9	(6.1)	61.7	(6.3)
Arkansas			70.7	(3.9)					58.2	(4.9)	52.7	(4.9)
California	79.9	(2.7)	85.0	(2.4)	71.8	(3.5)	65.0	(3.7)	74.0	(3.5)	67.6	(3.7)
Colorado	80.2	(3.5)	81.9	(3.3)	70.9	(4.9)	62.8	(5.5)	71.5	(5.1)	64.8	(5.3)
Connecticut	81.9	(3.3)	82.9	(3.1)	69.5	(4.7)	63.5	(5.1)	72.2	(4.7)	64.9	(5.1)
Delaware	78.0	(4.1)	81.2	(3.3)	66.1	(5.3)	61.8	(5.5)	71.5	(4.5)	66.5	(4.7)
District of Columbia	81.0	(3.7)	68.5	(4.9)	75.8	(5.1)	72.5	(5.3)	56.6	(6.9)	53.7	(6.9)
Florida	73.0	(3.1)	77.8	(2.5)	63.4	(3.9)	57.9	(3.9)	66.2	(3.5)	60.5	(3.7)
Georgia	71.4	(4.1)	78.6	(3.3)	57.7	(5.1)	53.3	(5.1)	65.6	(4.7)	60.6	(4.9)
Hawaii <sup>§</sup>	75.9	(4.3)	81.8	(3.7)	69.4	(6.1)			72.4	(6.3)	69.8	(6.5)
Idaho	72.0	(4.1)	76.3	(3.7)	53.2	(5.5)	44.5	(5.5)	59.3	(5.5)	52.4	(5.5)
Illinois	73.8	(3.5)	74.2	(3.5)	64.3	(4.5)	55.8	(4.7)	63.6	(4.9)	56.9	(4.9)
Indiana	71.9	(3.3)	75.2	(3.3)	57.0	(4.5)	48.6	(4.3)	61.5	(4.5)	53.0	(4.7)
Iowa	73.5	(3.9)	75.1	(3.3)	59.4	(5.1)	54.0	(5.1)	65.0	(4.5)	57.9	(4.7)
Kansas	69.4	(4.7)	74.8	(4.3)	57.3	(5.9)	50.6	(5.9)	66.3	(5.7)	60.4	(5.9)
Kentucky	67.0	(3.5)	69.1	(3.3)	49.9	(4.7)	43.5	(4.5)	55.2	(4.1)	48.2	(4.1)
Louisiana	65.4	(4.3)	69.3	(4.1)	56.4	(5.7)	48.8	(5.7)	58.8	(5.1)	53.9	(5.3)
Maine	79.7	(4.1)	78.8	(4.1)	66.7	(5.9)	58.5	(6.3)	70.7	(5.3)	68.0	(5.3)
Maryland	80.2	(3.5)	80.8	(2.4)	72.8	(4.9)	63.9	(5.1)	72.6	(3.3)	67.7	(3.5)
Massachusetts	78.9	(4.5)	83.6	(3.5)	65.9	(6.3)	58.6	(6.5)	73.7	(5.1)	65.0	(5.5)
Michigan	82.3	(2.7)	80.4	(3.1)	69.4	(4.1)	62.1	(4.3)	70.3	(4.3)	64.0	(4.5)
Minnesota	80.6	(2.5)	82.7	(2.4)	69.5	(3.5)	63.1	(3.5)	68.2	(3.5)	63.1	(3.7)
Mississippi	57.3	(4.5)	68.8	(4.5)	44.3	(5.5)	41.5	(5.3)	55.6	(5.3)	50.3	(5.5)
Missouri	70.9	(4.3)	76.6	(3.9)	60.7	(5.7)	53.3	(5.9)	60.3	(5.7)	52.3	(5.9)
Montana	74.3	(4.9)	76.6	(4.5)	62.7	(6.3)	53.8	(6.5)	64.7	(6.1)	60.1	(6.3)
Nebraska	65.8	(4.3)	72.6	(3.7)	50.3	(5.3)	43.7	(5.3)	59.4	(4.9)	54.3	(4.9)
Nevada	72.0	(4.3)	76.0	(3.7)	58.8	(5.9)	51.3	(5.9)	64.2	(5.1)	58.2	(5.3)
New Hampshire	78.7	(4.3)	83.0	(3.5)	66.9	(5.9)	58.7	(6.1)	72.0	(5.5)	67.3	(5.9)
New Jersey	69.2	(4.9)	78.7	(4.1)	56.5	(6.1)	49.4	(5.9)	65.8	(5.7)	60.3	(5.9)
New Mexico	76.4	(4.9)	79.1	(4.1)	64.8	(6.3)	59.2	(6.5)	68.4	(6.1)	61.4	(6.1)
New York	75.6	(3.7)	80.2	(3.1)	61.6	(4.9)	55.0	(5.1)	70.9	(4.3)	64.2	(4.5)
North Carolina	73.2	(3.7)	78.3	(3.1)	61.7	(4.9)	55.9	(4.9)	66.3	(4.3)	62.0	(4.5)
North Dakota	73.5	(3.9)	79.4	(3.5)	55.9	(5.5)	51.5	(5.3)	69.7	(4.9)	63.5	(5.1)
Ohio	71.6	(4.7)	78.9	(3.7)	56.9	(5.9)	51.8	(5.9)	64.3	(5.3)	55.3	(5.5)
Oklahoma	71.4	(3.9)	73.4	(4.1)	54.0	(4.9)	48.8	(5.1)	60.1	(5.1)	55.8	(5.3)
Oregon	81.9	(2.4)	84.8	(2.4)	68.7	(3.5)	61.9	(3.5)	70.9	(3.7)	64.8	(4.1)
Pennsylvania	72.8	(3.3)	77.8	(2.9)	60.7	(4.5)	56.1	(4.5)	63.4	(4.1)	57.8	(4.3)
Rhode Island	79.7	(3.5)	82.6	(3.3)	67.5	(4.9)	61.1	(5.1)	72.9	(4.7)	64.9	(4.7)
South Carolina	71.1	(3.9)	76.2	(3.7)	58.4	(5.1)	52.5	(5.3)	67.1	(4.7)	60.2	(4.9)
South Dakota	74.0	(3.7)	78.4	(3.5)	59.9	(4.9)	51.1	(5.1)	64.3	(4.7)	59.8	(4.7)
Tennessee	68.1	(3.5)	70.0	(3.1)	54.5	(4.5)	48.8	(4.3)	58.1	(4.1)	51.1	(4.1)
Texas	69.9	(3.7)	76.7	(3.5)	59.4	(4.9)	54.8	(4.9)	65.2	(4.7)	59.9	(4.9)
Utah	78.1	(3.7)	75.9	(4.3)	62.0	(5.3)	52.8	(5.5)	66.1	(5.5)	61.7	(5.7)
Vermont	77.4	(3.5)	76.8	(3.5)	65.0	(5.1)	58.8	(5.1)	66.2	(4.9)	59.4	(5.1)
Virginia	73.5	(4.1)	77.0	(3.9)	64.7	(5.3)	59.6	(5.5)	61.0	(5.3)	54.6	(5.5)
Washington	80.9	(2.9)	85.7	(2.7)	68.8	(4.3)	60.7	(4.5)	74.6	(4.3)	68.3	(4.5)
West Virginia	67.2	(3.3)	75.8	(2.9)	50.8	(3.9)	43.9	(3.9)	62.9	(4.1)	52.7	(4.1)
Wisconsin	76.9	(4.1)	79.6	(4.1)	62.4	(6.1)	57.2	(6.3)	62.2	(5.9)	56.9	(5.9)
<b>Median</b>	<b>74.0</b>		<b>77.9</b>		<b>62.4</b>		<b>55.4</b>		<b>65.9</b>		<b>60.2</b>	
<b>Low</b>	<b>57.3</b>		<b>68.5</b>		<b>44.3</b>		<b>41.5</b>		<b>55.2</b>		<b>48.2</b>	
<b>High</b>	<b>82.3</b>		<b>85.7</b>		<b>75.8</b>		<b>72.5</b>		<b>74.6</b>		<b>69.8</b>	

\* The description of a mammogram was different in 1992 and 1993 (see Methods).

<sup>†</sup> Confidence interval.<sup>§</sup> Some data for Hawaii were excluded because of data collection errors.

5.3 percentage points lower than that for any reason; in 1993, this value was 5.1 percentage points lower.

**Mammogram and Clinical Breast Examination.** In 1992, the percentage of women  $\geq 40$  years of age who had ever had both a mammogram and a clinical breast examination ranged from 54.6% to 78.9% (median: 70.5%) (Table 18). In 1993, this percentage ranged from 63.6% to 81.7% (median: 73.4%).

In 1992, the combined use of mammography and clinical breast examination in the previous 2 years for any reason among women  $\geq 50$  years of age varied from 39.2% to 70.2% (median: 55.9%) (Table 18). In 1993, this percentage ranged from 49.8% to 68.0% (median: 60.2%). The proportion of women who reported having had both a mammogram and clinical breast examination in the previous 2 years for routine reasons was 7.5 and 6.4 percentage points lower than that for any reason in 1992 and 1993, respectively.

### ***Colorectal Cancer***

**Digital Rectal Examination.** The questions on digital rectal examination were asked in 1993 only. In all but one state (Kentucky), more than one half of adults  $\geq 40$  years of age reported that they had ever had this examination (Table 19). The percentage ranged from 48.6% in Kentucky to 81.9% in Alaska (median: 71.7%). This value was higher for men (75.5%) than for women (68.6%).

The percentage of adults  $\geq 40$  years of age who reported that they had had this examination in the previous 2 years ranged from 32.9% in Kentucky to 62.1% in Rhode Island (median: 51.3%) (Table 19). This value was higher for men (54.6%) than for women (49.0%).

**Proctoscopic Examination.** The question on proctoscopic examination was asked in 1993 only. The percentage of adults  $\geq 50$  years of age who reported that they had ever had this examination ranged from 25.6% in Tennessee to 51.5% in Minnesota (median: 36.8%) (Table 20). The rate was higher for men (39.9%) than for women (34.0%).

## **Vaccination**

### ***Pneumococcal Vaccination***

In 1993, the percentage of adults  $\geq 65$  years of age who reported that they had ever had a pneumococcal vaccination ranged from 18.5% in Louisiana to 40.0% in Colorado (median: 27.4%) (Table 21). The percentage was slightly higher for men (28.7%) than for women (27.4%).

### ***Influenza Vaccination***

In 1993, the percentage of adults  $\geq 65$  years of age who reported that they had had an influenza vaccination in the previous year ranged from 28.7% in the District of Columbia to 66.2% in Arizona (median: 49.9%) (Table 21). The value was about the same for men (50.6%) and women (50.4%).

**TABLE 17. Percentage of women who reported having had a clinical breast examination (CBE) — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	Had a CBE in the past 2 years (women ≥50 years of age)											
	Ever had a CBE (women ≥40 years of age)				1992				1993			
	1992		1993*		For any reason		Routine checkup		For any reason		Routine checkup	
	%	(±95% CI) <sup>†</sup>	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	88.7	(2.5)	85.6	(2.9)	75.9	(4.1)	68.3	(4.5)	74.0	(4.3)	71.5	(4.3)
Alaska	94.8	(2.7)	95.0	(2.7)	78.6	(8.8)	74.9	(9.0)	78.2	(11.2)	73.2	(11.6)
Arizona	89.7	(3.1)	89.3	(3.7)	74.4	(5.9)	65.9	(6.5)	79.0	(5.3)	73.1	(5.9)
Arkansas			86.3	(2.9)					64.8	(4.9)	61.8	(4.9)
California	88.1	(2.2)	88.6	(2.2)	74.2	(3.5)	68.0	(3.7)	76.1	(3.5)	70.8	(3.7)
Colorado	96.0	(1.8)	93.0	(2.4)	82.4	(4.3)	75.8	(4.9)	78.9	(4.7)	74.2	(5.1)
Connecticut	90.7	(2.4)	90.8	(2.4)	78.8	(4.1)	74.2	(4.5)	79.2	(4.1)	73.3	(4.7)
Delaware	92.5	(2.5)	90.5	(2.2)	74.9	(4.9)	71.7	(5.1)	75.5	(4.1)	71.4	(4.3)
District of Columbia	86.2	(3.3)	81.6	(4.1)	81.2	(4.5)	79.3	(4.7)	61.4	(6.9)	59.0	(7.1)
Florida	86.3	(2.5)	87.3	(2.2)	71.7	(3.7)	67.7	(3.7)	69.6	(3.3)	65.5	(3.5)
Georgia	90.1	(2.9)	89.6	(2.5)	72.5	(4.9)	67.7	(5.1)	78.2	(4.1)	75.3	(4.3)
Hawaii <sup>§</sup>	85.1	(3.7)	90.6	(2.7)	72.0	(5.9)			78.0	(4.9)	75.9	(5.1)
Idaho	93.3	(2.2)	92.4	(2.4)	73.7	(4.3)	67.2	(4.9)	71.2	(5.1)	66.1	(5.3)
Illinois	86.1	(2.9)	86.7	(2.5)	76.6	(4.1)	72.4	(4.3)	75.8	(3.9)	70.1	(4.3)
Indiana	87.9	(2.4)	88.9	(2.5)	66.2	(4.3)	57.0	(4.5)	70.0	(4.3)	63.7	(4.5)
Iowa	90.4	(2.5)	90.8	(2.7)	72.3	(4.5)	67.0	(4.7)	73.4	(4.5)	69.0	(4.5)
Kansas	85.4	(3.5)	91.5	(2.7)	69.3	(5.5)	65.1	(5.7)	72.5	(5.3)	68.6	(5.5)
Kentucky	84.6	(2.7)	85.5	(2.4)	62.7	(4.5)	57.1	(4.5)	63.3	(3.7)	57.2	(3.9)
Louisiana	81.5	(3.7)	82.9	(3.5)	60.5	(5.7)	52.8	(5.7)	68.5	(4.7)	64.4	(5.1)
Maine	90.7	(3.1)	92.6	(2.5)	80.4	(4.9)	75.5	(5.7)	77.9	(4.9)	76.3	(5.1)
Maryland	93.2	(2.2)	90.5	(1.8)	83.2	(4.1)	77.1	(4.9)	79.1	(3.1)	76.2	(3.1)
Massachusetts	86.3	(3.7)	90.5	(2.7)	70.8	(5.9)	66.4	(6.1)	74.9	(4.9)	68.5	(5.3)
Michigan	86.8	(2.5)	88.3	(2.5)	70.5	(3.9)	65.2	(4.1)	68.7	(4.3)	64.8	(4.5)
Minnesota	92.5	(1.6)	92.9	(1.6)	75.0	(3.3)	69.1	(3.5)	73.8	(3.5)	67.8	(3.7)
Mississippi	86.3	(3.1)	86.7	(3.1)	61.3	(5.5)	58.6	(5.5)	65.7	(5.3)	61.7	(5.5)
Missouri	87.1	(2.9)	93.1	(2.4)	69.7	(4.9)	65.7	(5.1)	70.5	(5.5)	65.6	(5.5)
Montana	90.1	(3.1)	91.0	(2.9)	76.1	(5.3)	70.1	(5.9)	73.4	(5.7)	66.2	(6.1)
Nebraska	84.9	(3.1)	89.7	(2.5)	64.0	(5.1)	58.1	(5.3)	70.0	(4.5)	65.4	(4.7)
Nevada	83.0	(3.7)	90.3	(2.5)	61.6	(5.9)	55.6	(5.9)	70.9	(4.9)	65.8	(5.1)
New Hampshire	84.9	(3.7)	87.7	(3.3)	64.8	(6.1)	59.7	(6.1)	71.5	(5.5)	67.3	(5.9)
New Jersey	85.8	(3.9)	86.4	(3.5)	72.9	(5.3)	66.7	(5.7)	72.2	(5.3)	67.8	(5.7)
New Mexico	84.0	(3.7)	88.4	(3.1)	65.0	(6.7)	61.6	(6.7)	71.3	(5.5)	66.9	(6.1)
New York	87.4	(2.7)	91.7	(2.2)	73.0	(4.3)	67.7	(4.5)	82.0	(3.5)	77.5	(3.7)
North Carolina	91.0	(2.4)	91.4	(2.2)	77.0	(3.9)	72.5	(4.1)	81.0	(3.5)	77.0	(3.7)
North Dakota	93.2	(2.2)	92.8	(2.4)	65.5	(5.3)	62.3	(5.3)	76.2	(4.3)	71.7	(4.5)
Ohio	86.0	(3.5)	88.2	(2.9)	71.0	(5.5)	67.0	(5.7)	73.9	(4.7)	67.0	(5.1)
Oklahoma	91.1	(2.5)	93.7	(2.2)	73.0	(4.3)	69.7	(4.7)	66.1	(5.1)	62.6	(5.1)
Oregon	92.3	(1.6)	91.9	(1.8)	74.6	(3.1)	70.9	(3.3)	75.6	(3.5)	70.2	(3.9)
Pennsylvania	84.7	(2.7)	83.2	(2.5)	64.8	(4.3)	61.3	(4.5)	60.2	(4.1)	57.1	(4.3)
Rhode Island	88.0	(3.1)	87.4	(3.1)	76.3	(4.5)	70.8	(5.1)	76.9	(4.5)	71.7	(4.7)
South Carolina	87.5	(2.7)	90.8	(2.5)	67.6	(4.7)	63.4	(4.9)	75.1	(4.5)	69.6	(4.7)
South Dakota	90.8	(2.5)	89.8	(2.7)	72.4	(4.3)	67.2	(4.7)	71.3	(4.7)	68.0	(4.7)
Tennessee	86.0	(2.5)	86.5	(2.4)	72.4	(4.1)	68.4	(4.1)	72.7	(3.5)	67.5	(3.7)
Texas	85.2	(2.9)	90.6	(2.4)	67.8	(4.9)	63.4	(5.1)	75.5	(4.1)	71.3	(4.3)
Utah	91.4	(2.5)	91.5	(2.7)	68.4	(5.3)	62.9	(5.7)	73.5	(4.9)	70.0	(5.1)
Vermont	92.5	(2.2)	89.8	(2.5)	77.1	(4.3)	73.9	(4.5)	73.6	(4.5)	68.7	(4.7)
Virginia	84.3	(3.3)	87.2	(3.1)	66.0	(5.3)	61.6	(5.5)	65.8	(5.3)	61.3	(5.5)
Washington	91.1	(2.2)	92.8	(2.0)	74.3	(3.9)	68.8	(4.3)	79.0	(3.9)	75.1	(4.1)
West Virginia	83.1	(2.7)	86.6	(2.4)	66.1	(4.1)	58.9	(4.1)	68.8	(3.7)	61.6	(3.9)
Wisconsin	88.6	(3.3)	88.7	(3.3)	70.4	(5.7)	65.7	(5.9)	67.2	(5.7)	63.3	(5.9)
<b>Median</b>	<b>87.9</b>		<b>89.8</b>		<b>72.4</b>		<b>67.1</b>		<b>73.4</b>		<b>68.3</b>	
<b>Low</b>	<b>81.5</b>		<b>81.6</b>		<b>60.5</b>		<b>52.8</b>		<b>60.2</b>		<b>57.1</b>	
<b>High</b>	<b>96.0</b>		<b>95.0</b>		<b>83.2</b>		<b>79.3</b>		<b>82.0</b>		<b>77.5</b>	

\* The description of a CBE was different in 1992 and 1993 (see Methods).

<sup>†</sup> Confidence interval.<sup>§</sup> Some data for Hawaii were excluded because of data collection errors.

**TABLE 18. Percentage of women who reported having had both a mammogram and a clinical breast examination (CBE) — Behavioral Risk Factor Surveillance System, 1992 and 1993**

State	Had a mammogram and CBE in the past 2 years (women ≥50 years of age)											
	Ever had a mammogram and CBE (women ≥40 years of age)				1992						1993	
	1992		1993*		For any reason		Routine checkup		For any reason		Routine checkup	
	%	(±95% CI) <sup>†</sup>	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	68.5	(3.7)	71.9	(3.5)	58.8	(4.7)	50.0	(4.9)	61.8	(4.7)	56.4	(4.7)
Alaska	74.3	(6.1)	78.9	(6.9)	62.4	(10.4)	58.4	(10.4)	60.4	(12.2)	53.9	(12.2)
Arizona	71.9	(4.9)	68.6	(5.1)	59.3	(6.3)	49.3	(6.7)	64.0	(6.1)	57.5	(6.3)
Arkansas			65.7	(4.1)					52.2	(4.9)	47.2	(4.9)
California	74.4	(2.9)	79.6	(2.7)	64.7	(3.7)	56.7	(3.9)	67.3	(3.7)	59.6	(3.9)
Colorado	78.9	(3.7)	79.1	(3.5)	66.5	(5.1)	56.0	(5.7)	66.6	(5.3)	58.6	(5.7)
Connecticut	77.4	(3.5)	77.2	(3.5)	63.7	(5.1)	56.5	(5.3)	66.7	(4.9)	59.9	(5.1)
Delaware	76.1	(4.3)	77.7	(3.5)	61.6	(5.5)	57.0	(5.5)	64.9	(4.5)	59.6	(4.7)
District of Columbia	74.6	(4.3)	63.6	(5.3)	70.2	(5.3)	67.3	(5.5)	52.2	(7.1)	49.0	(7.1)
Florida	67.6	(3.3)	71.1	(2.9)	56.2	(3.9)	49.9	(3.9)	57.4	(3.5)	51.6	(3.7)
Georgia	68.7	(4.1)	74.9	(3.5)	54.4	(5.1)	49.2	(5.1)	61.7	(4.9)	56.9	(4.9)
Hawaii <sup>§</sup>	69.4	(4.7)	77.7	(4.1)	59.9	(6.3)			65.8	(6.5)	62.4	(6.5)
Idaho	71.0	(4.1)	72.7	(3.9)	50.6	(5.3)	42.0	(5.5)	53.2	(5.7)	46.0	(5.5)
Illinois	70.5	(3.7)	69.5	(3.5)	60.4	(4.5)	52.6	(4.7)	58.5	(4.9)	51.9	(4.9)
Indiana	68.0	(3.5)	70.1	(3.7)	51.2	(4.3)	41.3	(4.3)	55.0	(4.7)	46.7	(4.7)
Iowa	71.1	(4.1)	72.4	(3.7)	56.9	(5.1)	51.0	(5.1)	61.7	(4.7)	54.3	(4.9)
Kansas	65.5	(4.9)	71.8	(4.5)	52.8	(5.9)	46.0	(5.9)	58.3	(5.9)	52.0	(5.9)
Kentucky	64.2	(3.5)	65.9	(3.5)	45.8	(4.5)	39.2	(4.3)	52.0	(3.9)	45.3	(4.1)
Louisiana	59.4	(4.5)	64.5	(4.3)	48.5	(5.9)	41.2	(5.7)	53.5	(5.3)	48.4	(5.3)
Maine	76.8	(4.3)	76.2	(4.3)	64.6	(6.1)	55.9	(6.3)	66.7	(5.5)	63.5	(5.5)
Maryland	80.2	(3.5)	80.8	(2.4)	68.5	(5.1)	58.4	(5.3)	67.2	(3.5)	62.2	(3.7)
Massachusetts	72.3	(4.7)	78.9	(3.9)	57.4	(6.5)	49.7	(6.5)	66.7	(5.5)	57.3	(5.7)
Michigan	75.4	(3.1)	73.1	(3.5)	61.6	(4.3)	53.7	(4.5)	59.3	(4.5)	53.2	(4.9)
Minnesota	77.9	(2.5)	80.3	(2.5)	63.4	(3.7)	56.1	(3.7)	63.6	(3.7)	56.1	(3.9)
Mississippi	54.6	(4.5)	63.8	(4.7)	39.2	(5.3)	36.2	(5.3)	49.8	(5.5)	44.5	(5.5)
Missouri	64.7	(4.3)	74.0	(4.1)	53.0	(5.7)	46.5	(5.7)	54.6	(5.9)	46.1	(5.9)
Montana	71.1	(5.1)	73.8	(4.7)	57.7	(6.5)	48.4	(6.5)	59.3	(6.5)	52.1	(6.5)
Nebraska	59.4	(4.5)	69.6	(3.9)	44.3	(5.3)	37.2	(5.1)	54.0	(4.9)	48.8	(4.9)
Nevada	62.2	(4.7)	72.8	(3.9)	47.8	(5.9)	39.4	(5.7)	59.4	(5.3)	52.6	(5.3)
New Hampshire	72.6	(4.7)	78.0	(4.1)	56.5	(6.3)	48.4	(6.3)	66.6	(5.7)	60.2	(6.1)
New Jersey	64.8	(4.9)	72.6	(4.5)	52.7	(6.1)	45.7	(5.9)	60.3	(5.9)	55.1	(5.9)
New Mexico	68.6	(5.1)	73.6	(4.5)	53.9	(6.9)	48.8	(6.9)	61.0	(6.3)	53.9	(6.1)
New York	71.2	(3.7)	76.5	(3.3)	55.9	(4.9)	49.4	(4.9)	65.3	(4.5)	58.4	(4.7)
North Carolina	70.5	(3.7)	74.2	(3.3)	57.7	(4.9)	51.9	(4.7)	62.5	(4.5)	56.9	(4.5)
North Dakota	71.8	(3.9)	76.9	(3.7)	50.4	(5.5)	46.2	(5.3)	65.4	(5.1)	58.9	(5.1)
Ohio	66.8	(4.9)	73.5	(4.1)	51.7	(5.9)	46.2	(5.9)	58.2	(5.5)	49.2	(5.5)
Oklahoma	69.2	(3.9)	72.0	(4.1)	51.4	(4.9)	46.5	(5.1)	53.7	(5.3)	49.5	(5.3)
Oregon	78.2	(2.5)	80.1	(2.7)	61.4	(3.5)	54.6	(3.7)	63.2	(3.9)	55.9	(4.1)
Pennsylvania	65.3	(3.5)	68.5	(3.3)	50.5	(4.5)	45.0	(4.5)	50.9	(4.3)	44.8	(4.3)
Rhode Island	74.6	(4.1)	75.3	(3.9)	60.2	(5.3)	51.5	(5.3)	65.2	(5.1)	56.8	(4.9)
South Carolina	66.5	(4.1)	73.5	(3.9)	51.8	(5.1)	46.3	(5.3)	61.2	(5.1)	53.7	(5.1)
South Dakota	69.4	(3.9)	74.4	(3.7)	52.5	(4.7)	44.0	(4.9)	57.1	(4.9)	51.9	(4.9)
Tennessee	64.6	(3.7)	66.0	(3.3)	50.7	(4.5)	44.1	(4.3)	55.2	(4.1)	47.9	(4.1)
Texas	65.7	(3.7)	72.4	(3.7)	53.3	(4.9)	48.2	(4.9)	60.0	(4.7)	53.7	(4.9)
Utah	75.0	(3.9)	73.2	(4.5)	55.5	(5.3)	46.4	(5.5)	60.2	(5.7)	56.1	(5.7)
Vermont	75.4	(3.7)	73.3	(3.7)	61.5	(5.1)	55.1	(5.1)	62.2	(5.1)	55.0	(5.1)
Virginia	66.0	(4.5)	70.3	(4.1)	53.0	(5.7)	46.5	(5.9)	51.3	(5.5)	45.1	(5.3)
Washington	75.7	(3.1)	81.7	(2.9)	61.1	(4.5)	53.1	(4.5)	68.0	(4.5)	61.0	(4.7)
West Virginia	62.5	(3.5)	70.4	(3.1)	46.1	(4.1)	38.6	(3.9)	56.3	(4.1)	46.5	(4.1)
Wisconsin	72.1	(4.5)	74.5	(4.5)	54.1	(6.3)	48.8	(6.3)	55.7	(5.9)	49.1	(6.1)
<b>Median</b>	<b>70.5</b>		<b>73.4</b>		<b>55.9</b>		<b>48.4</b>		<b>60.2</b>		<b>53.8</b>	
<b>Low</b>	<b>54.6</b>		<b>63.6</b>		<b>39.2</b>		<b>36.2</b>		<b>49.8</b>		<b>44.5</b>	
<b>High</b>	<b>78.9</b>		<b>81.7</b>		<b>70.2</b>		<b>67.3</b>		<b>68.0</b>		<b>63.5</b>	

\* The descriptions of a mammogram and CBE were different in 1992 and 1993 (see Methods).

<sup>†</sup> Confidence interval.<sup>§</sup> Some data for Hawaii were excluded because of data collection errors.



**TABLE 19. Percentage of adults ≥40 years of age who reported having had a digital rectal examination (DRE) — Behavioral Risk Factor Surveillance System, 1993**

State	Ever had a DRE						Had a DRE in the past 2 years					
	Men		Women		Total		Men		Women		Total	
	%	(±95% CI)*	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
Alabama	63.7	(4.7)	57.9	(3.7)	60.5	(2.9)	55.1	(4.9)	47.4	(3.9)	50.9	(3.1)
Alaska	85.4	(5.1)	78.0	(6.7)	81.9	(4.1)	60.1	(8.2)	63.4	(7.4)	61.7	(5.5)
Arizona	51.9	(7.3)	52.6	(5.5)	52.2	(4.7)	33.2	(7.1)	33.9	(5.1)	33.5	(4.5)
Arkansas	69.9	(4.9)	61.5	(4.3)	65.3	(3.3)	49.6	(5.3)	42.7	(4.3)	45.8	(3.3)
California	67.2	(3.7)	68.2	(3.1)	67.7	(2.4)	45.7	(3.9)	51.7	(3.1)	48.9	(2.5)
Colorado	77.4	(4.5)	78.0	(3.7)	77.7	(2.9)	56.7	(5.3)	54.3	(4.5)	55.4	(3.5)
Connecticut	75.6	(4.5)	61.1	(4.1)	67.7	(3.1)	62.6	(5.1)	49.6	(4.3)	55.5	(3.3)
Delaware	78.3	(4.5)	72.8	(3.7)	75.3	(2.9)	63.5	(4.9)	58.2	(4.1)	60.6	(3.1)
District of Columbia	58.7	(6.1)	49.2	(5.5)	53.4	(4.3)	43.9	(6.5)	36.4	(5.3)	39.7	(4.1)
Florida	74.1	(3.5)	68.9	(3.1)	71.3	(2.4)	54.6	(3.9)	48.1	(3.3)	51.1	(2.5)
Georgia	77.6	(4.3)	74.8	(3.7)	76.0	(2.7)	56.3	(5.1)	61.0	(4.1)	58.9	(3.1)
Hawaii	81.6	(4.5)	76.1	(4.1)	78.8	(3.1)	59.4	(5.5)	57.6	(4.9)	58.5	(3.7)
Idaho	88.4	(3.7)	70.8	(4.3)	79.2	(2.9)	58.6	(6.1)	48.3	(4.5)	53.3	(3.9)
Illinois	57.3	(4.9)	50.2	(3.9)	53.4	(3.1)	42.1	(4.9)	37.8	(3.7)	39.8	(3.1)
Indiana	79.3	(4.1)	72.6	(3.7)	75.7	(2.7)	49.9	(4.9)	48.4	(3.9)	49.1	(3.1)
Iowa	63.6	(4.7)	56.5	(4.3)	59.8	(3.1)	49.1	(4.7)	44.0	(4.5)	46.3	(3.1)
Kansas	69.3	(5.3)	64.1	(4.7)	66.5	(3.5)	54.4	(5.7)	48.4	(4.9)	51.2	(3.7)
Kentucky	42.0	(4.5)	54.3	(3.5)	48.6	(2.9)	27.5	(3.9)	37.6	(3.5)	32.9	(2.7)
Louisiana	65.3	(6.1)	52.3	(4.5)	58.2	(3.7)	44.5	(6.3)	35.0	(4.3)	39.3	(3.7)
Maine	62.9	(5.5)	66.9	(4.9)	65.0	(3.5)	46.0	(5.9)	53.9	(5.1)	50.2	(3.9)
Maryland	73.6	(3.1)	68.8	(2.7)	71.0	(2.2)	57.9	(3.5)	55.2	(2.9)	56.4	(2.4)
Massachusetts	80.8	(4.9)	77.8	(3.9)	79.1	(3.1)	61.2	(5.7)	60.1	(4.7)	60.6	(3.5)
Michigan	76.7	(3.5)	68.0	(3.7)	72.0	(2.5)	57.1	(4.1)	50.1	(3.9)	53.3	(2.9)
Minnesota	80.6	(3.1)	79.8	(2.5)	80.2	(2.0)	54.7	(3.9)	55.3	(3.3)	55.1	(2.5)
Mississippi	69.7	(5.3)	60.4	(4.5)	64.5	(3.5)	46.6	(5.7)	39.6	(4.3)	42.7	(3.3)
Missouri	75.5	(4.7)	58.5	(4.5)	66.2	(3.5)	55.3	(5.5)	36.6	(4.7)	45.1	(3.7)
Montana	77.2	(5.3)	69.1	(4.9)	73.0	(3.7)	55.4	(6.5)	47.9	(5.3)	51.5	(4.1)
Nebraska	76.0	(4.5)	69.4	(3.9)	72.5	(2.9)	49.0	(5.3)	46.7	(4.3)	47.8	(3.3)
Nevada	70.5	(5.5)	61.4	(4.3)	65.9	(3.5)	45.1	(5.9)	41.8	(4.3)	43.5	(3.5)
New Hampshire	70.2	(5.1)	66.6	(4.7)	68.3	(3.3)	54.0	(5.5)	50.2	(4.9)	52.0	(3.7)
New Jersey	71.9	(5.3)	52.6	(4.9)	61.6	(3.7)	51.3	(5.9)	39.1	(4.7)	44.8	(3.7)
New Mexico	79.1	(5.1)	67.8	(4.9)	73.1	(3.7)	56.9	(6.3)	45.1	(5.1)	50.6	(4.1)
New York	79.6	(3.7)	71.2	(3.7)	75.0	(2.7)	59.5	(4.7)	52.7	(3.9)	55.8	(2.9)
North Carolina	74.7	(3.9)	68.5	(3.7)	71.4	(2.7)	52.9	(4.5)	51.8	(3.9)	52.3	(3.1)
North Dakota	85.0	(3.5)	74.8	(3.9)	79.7	(2.7)	57.4	(5.1)	51.6	(4.5)	54.4	(3.3)
Ohio	69.6	(5.3)	61.3	(4.7)	65.2	(3.5)	52.2	(5.7)	41.2	(4.7)	46.3	(3.7)
Oklahoma	51.1	(5.7)	49.5	(4.7)	50.2	(3.7)	38.6	(5.5)	32.2	(4.1)	35.1	(3.5)
Oregon	79.5	(3.5)	75.9	(2.9)	77.6	(2.2)	55.3	(4.1)	56.8	(3.5)	56.1	(2.5)
Pennsylvania	75.8	(3.9)	69.7	(3.3)	72.4	(2.5)	56.3	(4.3)	47.4	(3.7)	51.4	(2.7)
Rhode Island	83.5	(3.7)	76.1	(4.1)	79.4	(2.7)	64.5	(5.1)	60.2	(4.5)	62.1	(3.5)
South Carolina	76.3	(4.3)	73.5	(3.5)	74.8	(2.7)	53.4	(5.1)	54.2	(4.3)	53.8	(3.3)
South Dakota	67.2	(4.7)	57.5	(4.3)	62.0	(3.1)	51.2	(4.9)	44.3	(4.3)	47.5	(3.3)
Tennessee	55.9	(4.1)	62.9	(3.3)	59.7	(2.5)	45.0	(4.1)	48.5	(3.3)	46.9	(2.7)
Texas	77.7	(4.1)	70.6	(3.7)	74.0	(2.7)	55.3	(5.1)	52.4	(4.1)	53.8	(3.3)
Utah	74.9	(5.1)	61.5	(4.9)	67.8	(3.5)	59.9	(5.5)	39.0	(4.7)	48.8	(3.7)
Vermont	77.1	(4.3)	72.1	(3.7)	74.4	(2.7)	59.6	(4.9)	51.9	(4.1)	55.4	(3.1)
Virginia	84.4	(3.9)	70.5	(4.3)	76.9	(3.1)	63.5	(5.3)	52.6	(4.7)	57.6	(3.5)
Washington	85.0	(2.9)	78.4	(3.1)	81.5	(2.2)	64.2	(4.1)	58.8	(3.7)	61.4	(2.7)
West Virginia	75.3	(3.7)	69.4	(3.1)	72.2	(2.4)	51.5	(4.3)	49.8	(3.3)	50.6	(2.7)
Wisconsin	79.7	(4.3)	73.8	(4.5)	76.6	(3.1)	52.5	(5.5)	52.0	(5.1)	52.2	(3.7)
<b>Median</b>	<b>75.5</b>		<b>68.6</b>		<b>71.7</b>		<b>54.6</b>		<b>49.0</b>		<b>51.3</b>	
<b>Low</b>	<b>42.0</b>		<b>49.2</b>		<b>48.6</b>		<b>27.5</b>		<b>32.2</b>		<b>32.9</b>	
<b>High</b>	<b>88.4</b>		<b>79.8</b>		<b>81.9</b>		<b>64.5</b>		<b>63.4</b>		<b>62.1</b>	

\* Confidence interval.

**TABLE 20. Percentage of adults  $\geq 50$  years of age who reported having had a proctoscopic examination — Behavioral Risk Factor Surveillance System, 1993**

State	Men		Women		Total	
	%	( $\pm 95\%$ CI*)	%	( $\pm 95\%$ CI)	%	( $\pm 95\%$ CI)
Alabama	40.0	(6.3)	35.1	(4.5)	37.1	(3.7)
Alaska	34.4	(13.1)	39.8	(11.4)	36.8	(8.8)
Arizona	33.0	(9.4)	30.1	(5.9)	31.4	(5.1)
Arkansas	28.6	(6.3)	28.8	(4.5)	28.7	(3.7)
California	41.1	(4.7)	39.1	(3.9)	40.0	(3.1)
Colorado	45.2	(6.7)	40.9	(5.5)	42.9	(4.3)
Connecticut	42.7	(6.9)	35.2	(5.1)	38.6	(4.1)
Delaware	43.1	(6.3)	35.3	(4.3)	38.7	(3.7)
District of Columbia	34.5	(7.6)	25.6	(5.9)	29.2	(4.9)
Florida	48.0	(4.5)	33.3	(3.5)	39.9	(2.9)
Georgia	46.4	(6.7)	34.9	(4.7)	39.8	(3.9)
Hawaii	50.9	(7.6)	37.0	(5.7)	43.7	(5.1)
Idaho	37.5	(7.4)	27.9	(4.9)	32.4	(4.5)
Illinois	43.4	(6.1)	32.2	(4.1)	37.1	(3.5)
Indiana	36.5	(5.7)	34.1	(4.5)	35.1	(3.5)
Iowa	41.7	(5.7)	29.5	(4.7)	34.9	(3.7)
Kansas	31.4	(6.7)	30.8	(5.5)	31.0	(4.3)
Kentucky	31.7	(4.9)	30.3	(3.9)	30.9	(3.1)
Louisiana	35.0	(7.4)	34.7	(5.3)	34.8	(4.3)
Maine	29.9	(6.9)	27.2	(4.9)	28.4	(4.1)
Maryland	39.6	(4.3)	28.3	(3.1)	33.3	(2.5)
Massachusetts	37.3	(6.9)	34.5	(5.7)	35.7	(4.3)
Michigan	43.2	(5.9)	37.8	(4.5)	40.2	(3.5)
Minnesota	52.4	(4.9)	50.7	(3.9)	51.5	(3.1)
Mississippi	38.1	(6.7)	28.6	(4.9)	32.7	(4.1)
Missouri	34.4	(6.7)	31.6	(5.3)	32.8	(4.3)
Montana	37.8	(7.6)	36.8	(6.1)	37.3	(4.7)
Nebraska	43.9	(6.5)	34.2	(4.7)	38.4	(3.9)
Nevada	38.1	(7.3)	35.1	(5.1)	36.6	(4.3)
New Hampshire	38.3	(6.9)	30.0	(5.7)	33.7	(4.5)
New Jersey	48.8	(7.6)	29.3	(5.3)	37.7	(4.5)
New Mexico	45.4	(7.4)	33.9	(5.7)	39.2	(4.5)
New York	39.9	(5.5)	34.4	(4.7)	36.9	(3.7)
North Carolina	40.2	(5.9)	29.0	(4.1)	33.8	(3.5)
North Dakota	37.4	(5.9)	46.2	(5.3)	42.2	(3.9)
Ohio	34.6	(6.9)	35.2	(5.3)	34.9	(4.1)
Oklahoma	29.5	(5.7)	27.4	(4.9)	28.3	(3.7)
Oregon	42.6	(4.7)	41.4	(4.1)	42.0	(3.1)
Pennsylvania	44.7	(5.3)	32.6	(4.1)	37.8	(3.3)
Rhode Island	40.7	(6.3)	30.0	(5.1)	34.6	(3.9)
South Carolina	37.2	(6.3)	33.4	(4.9)	35.1	(3.9)
South Dakota	40.7	(6.1)	34.1	(4.9)	37.0	(3.9)
Tennessee	27.5	(4.3)	24.1	(3.1)	25.6	(2.5)
Texas	40.2	(6.3)	39.5	(4.9)	39.8	(3.9)
Utah	41.4	(7.3)	36.7	(5.5)	38.9	(4.5)
Vermont	37.2	(6.5)	32.0	(4.7)	34.3	(3.9)
Virginia	45.4	(6.7)	32.3	(5.1)	38.2	(4.1)
Washington	44.2	(5.7)	41.5	(4.7)	42.8	(3.5)
West Virginia	28.1	(4.9)	28.3	(3.7)	28.2	(3.1)
Wisconsin	47.4	(6.9)	46.0	(5.9)	46.6	(4.5)
<b>Median</b>	<b>39.9</b>		<b>34.0</b>		<b>36.8</b>	
<b>Low</b>	<b>27.5</b>		<b>24.1</b>		<b>25.6</b>	
<b>High</b>	<b>52.4</b>		<b>50.7</b>		<b>51.5</b>	

\* Confidence interval.

**TABLE 21. Percentage of adults  $\geq 65$  years of age who reported ever having a pneumococcal vaccination or having an influenza vaccination in the past 1 year — Behavioral Risk Factor Surveillance System, 1993**

State	Ever had a pneumococcal vaccination						Had an influenza vaccination in the past 1 year					
	Men		Women		Total		Men		Women		Total	
	%	( $\pm 95\%$ CI)*	%	( $\pm 95\%$ CI)	%	( $\pm 95\%$ CI)	%	( $\pm 95\%$ CI)	%	( $\pm 95\%$ CI)	%	( $\pm 95\%$ CI)
Alabama	23.0	(6.3)	26.4	(5.5)	25.0	(4.1)	38.9	(7.8)	40.8	(5.9)	40.0	(4.7)
Alaska	29.2	(14.7)	32.9	(13.5)	31.1	(10.0)	55.3	(16.9)	51.5	(14.7)	53.3	(11.2)
Arizona	31.1	(11.4)	30.4	(7.1)	30.7	(6.1)	70.6	(10.4)	63.0	(7.6)	66.2	(6.5)
Arkansas	28.9	(8.0)	25.9	(5.3)	27.2	(4.5)	52.9	(9.0)	51.0	(6.5)	51.8	(5.5)
California	29.6	(6.3)	39.9	(5.5)	35.6	(4.3)	48.0	(6.7)	59.0	(5.5)	54.4	(4.3)
Colorado	51.7	(10.6)	31.7	(7.3)	40.0	(6.7)	68.2	(10.4)	61.0	(8.0)	64.0	(6.5)
Connecticut	17.0	(7.3)	20.1	(5.3)	18.8	(4.3)	55.8	(9.8)	51.7	(7.1)	53.3	(5.7)
Delaware	31.2	(8.2)	38.7	(6.5)	35.6	(5.1)	55.4	(9.2)	54.6	(6.7)	54.9	(5.3)
District of Columbia	24.9	(9.4)	20.6	(10.0)	22.1	(7.3)	27.0	(10.8)	29.8	(9.0)	28.7	(6.9)
Florida	23.0	(4.9)	26.8	(4.3)	25.2	(3.3)	46.7	(5.9)	46.1	(4.9)	46.3	(3.7)
Georgia	24.2	(8.0)	30.1	(5.9)	27.8	(4.9)	38.8	(9.2)	47.9	(6.9)	44.4	(5.5)
Hawaii	35.1	(10.6)	40.3	(9.0)	37.8	(6.9)	52.1	(11.6)	60.8	(9.2)	56.6	(7.4)
Idaho	30.1	(9.4)	35.4	(7.1)	33.1	(5.9)	65.6	(10.2)	63.5	(6.9)	64.4	(5.9)
Illinois	25.7	(7.3)	21.4	(5.3)	23.1	(4.3)	39.5	(8.2)	48.9	(6.5)	45.2	(5.1)
Indiana	22.2	(7.3)	29.7	(5.9)	26.7	(4.5)	38.7	(8.4)	52.4	(6.5)	47.0	(5.1)
Iowa	33.0	(7.6)	31.9	(5.9)	32.3	(4.7)	53.6	(8.0)	47.1	(6.7)	49.7	(5.1)
Kansas	21.3	(8.6)	24.4	(6.9)	23.1	(5.3)	54.2	(10.8)	51.3	(8.0)	52.4	(6.5)
Kentucky	29.5	(7.3)	20.7	(4.3)	24.2	(3.9)	47.0	(7.4)	42.8	(5.3)	44.5	(4.3)
Louisiana	16.0	(8.2)	20.1	(5.7)	18.5	(4.7)	33.1	(9.6)	38.1	(7.3)	36.1	(5.9)
Maine	13.7	(6.7)	24.8	(6.9)	20.3	(5.1)	48.2	(10.2)	49.9	(8.2)	49.2	(6.3)
Maryland	35.9	(6.7)	32.4	(4.5)	33.8	(3.7)	50.0	(6.9)	47.7	(4.9)	48.6	(4.1)
Massachusetts	17.1	(7.4)	24.2	(6.9)	21.5	(5.1)	49.3	(10.4)	50.0	(7.8)	49.7	(6.3)
Michigan	25.2	(7.4)	24.3	(5.5)	24.7	(4.5)	45.6	(8.8)	49.3	(6.7)	47.8	(5.3)
Minnesota	29.4	(6.1)	23.9	(4.3)	26.1	(3.5)	53.1	(6.5)	49.4	(5.1)	50.9	(3.9)
Mississippi	23.5	(9.0)	30.2	(6.9)	27.6	(5.5)	37.2	(10.2)	45.7	(7.6)	42.4	(6.5)
Missouri	30.0	(10.0)	31.0	(6.9)	30.6	(5.7)	58.2	(9.8)	52.6	(7.3)	54.8	(5.9)
Montana	34.4	(10.2)	33.3	(8.4)	33.8	(6.7)	59.5	(10.8)	64.6	(8.0)	62.4	(6.7)
Nebraska	24.2	(7.4)	29.5	(5.7)	27.4	(4.5)	50.7	(8.6)	54.8	(6.1)	53.2	(5.1)
Nevada	31.0	(10.8)	31.7	(7.6)	31.4	(6.5)	37.9	(10.4)	48.3	(8.0)	43.5	(6.7)
New Hampshire	21.2	(8.4)	17.7	(6.9)	19.1	(5.3)	52.9	(10.6)	47.3	(8.6)	49.6	(6.7)
New Jersey	19.4	(8.2)	23.6	(7.1)	21.9	(5.5)	50.5	(11.2)	55.1	(8.2)	53.2	(6.7)
New Mexico	35.5	(10.2)	28.9	(7.8)	31.8	(6.3)	62.9	(11.4)	59.4	(8.6)	60.9	(6.9)
New York	26.6	(7.4)	19.2	(4.9)	22.1	(4.1)	43.8	(8.6)	46.3	(6.1)	45.3	(5.3)
North Carolina	28.5	(7.8)	24.9	(5.5)	26.3	(4.5)	50.6	(8.4)	51.1	(6.3)	50.9	(5.1)
North Dakota	18.3	(6.3)	20.9	(5.3)	19.8	(3.9)	50.3	(7.8)	47.9	(6.7)	48.9	(5.1)
Ohio	29.3	(10.0)	27.0	(6.3)	27.9	(5.5)	51.4	(11.0)	49.2	(7.1)	50.1	(6.1)
Oklahoma	29.1	(8.6)	29.1	(6.1)	29.1	(4.7)	62.3	(9.2)	55.8	(7.1)	58.4	(5.7)
Oregon	33.8	(6.9)	35.4	(5.5)	34.7	(4.3)	55.4	(7.3)	56.1	(5.5)	55.8	(4.3)
Pennsylvania	26.0	(6.1)	24.3	(4.9)	25.0	(3.9)	51.1	(7.3)	47.1	(5.9)	48.7	(4.5)
Rhode Island	19.8	(7.8)	20.3	(5.3)	20.1	(4.3)	54.1	(9.8)	49.4	(6.5)	51.2	(5.7)
South Carolina	20.5	(7.8)	18.6	(5.1)	19.4	(4.5)	44.5	(9.2)	49.1	(7.1)	47.3	(5.7)
South Dakota	23.2	(7.4)	29.1	(5.9)	26.6	(4.5)	48.1	(8.6)	47.4	(6.5)	47.7	(5.1)
Tennessee	28.0	(6.9)	23.8	(4.5)	25.5	(3.9)	42.9	(7.4)	48.0	(5.3)	46.0	(4.3)
Texas	30.1	(9.6)	41.5	(6.7)	36.9	(5.5)	51.6	(10.4)	60.3	(6.5)	56.8	(5.9)
Utah	35.7	(11.2)	35.0	(7.4)	35.3	(6.7)	51.9	(11.0)	56.1	(7.6)	54.3	(6.7)
Vermont	33.4	(9.6)	25.5	(6.1)	28.7	(5.3)	62.2	(9.8)	53.5	(7.3)	57.0	(5.9)
Virginia	31.9	(9.6)	35.7	(7.6)	34.2	(6.3)	43.5	(11.2)	47.3	(7.8)	45.8	(6.5)
Washington	31.3	(7.6)	32.6	(6.3)	32.1	(4.9)	55.2	(8.2)	52.0	(6.9)	53.4	(5.3)
West Virginia	30.6	(7.4)	27.1	(4.5)	28.5	(4.1)	48.1	(7.6)	50.9	(5.3)	49.8	(4.5)
Wisconsin	26.7	(9.2)	27.8	(7.3)	27.4	(5.7)	45.2	(10.0)	51.7	(8.0)	49.1	(6.3)
<b>Median</b>	<b>28.7</b>		<b>27.4</b>		<b>27.4</b>		<b>50.6</b>		<b>50.4</b>		<b>49.9</b>	
<b>Low</b>	<b>13.7</b>		<b>17.7</b>		<b>18.5</b>		<b>27.0</b>		<b>29.8</b>		<b>28.7</b>	
<b>High</b>	<b>51.7</b>		<b>41.5</b>		<b>40.0</b>		<b>70.6</b>		<b>64.6</b>		<b>66.2</b>	

\* Confidence interval.

## Lack of Health-Care Coverage

In both 1992 and 1993, the percentage of adults 18–64 years of age who reported that they did not have any health-care coverage varied nearly fourfold (Figures 1 and 2). In 1992, the percentage varied from 7.6% to 28.8% (median: 15.9%), and in 1993, the percentage ranged from 6.8% to 25.5% (median: 14.9). For both years, the greatest prevalence of uninsured persons 18–64 years of age was in southern and southwestern states. Men were slightly more likely than women to have no health insurance in 1992 (16.9% vs. 15.1%) and 1993 (15.6% vs. 14.0%).

## DISCUSSION

Reports on BRFSS data for 1984–1991 (7–12) and this report have demonstrated that the prevalence of health risk behaviors varies considerably among states. The variation between states may be attributable to differences in socioeconomic factors (e.g., per capita income, median number of years of education, and unemployment levels), different state laws enacted to discourage risky behaviors (e.g., driving under the influence of alcohol), different levels of effort to screen for certain types of cancer, and other factors. These variations illustrate why policy makers need state-specific data to address health problems in each state.

The percentage of men and women who reported being overweight for the 1992 and 1993 BRFSS (approximately 25%) was lower than the estimated 34% obtained by direct measurements of height and weight from NHANES III, which was conducted between 1988 and 1991 (13). This difference may be a result of overweight adults underreporting their weight more often than do adults who are not overweight (14). Additionally, underreporting of weight is more common among women than among men (14). In the BRFSS, fewer women than men reported being overweight; however, in NHANES III, more women than men were found to be overweight (35% and 32%, respectively) (13). Because BRFSS data are self-reported, they may underestimate the true prevalence of overweight adults in the United States.

Measuring the prevalence of physical activity has historically been limited by the lack of data about work-related physical activity. Examination of leisure-time physical activity only and exclusion of work and household activity may underestimate total physical activity (15). Thus, the BRFSS data about lack of leisure-time physical activity probably underestimate total physical activity among adults in the United States.

In 1992 and 1993, the percentage of adults reporting alcohol consumption pattern I or II varied not only by state but also by sex. Other studies have also demonstrated the prevalence of these drinking patterns to vary by geographic region and sex (16,17). The BRFSS data also correspond closely with results from a study on per capita alcohol consumption estimated from alcohol sales data (18).

The 1993 BRFSS median prevalence of adults who currently smoke cigarettes (22.5%) correlates closely with the 1993 NHIS estimate of 25% (19). The 1991 NHIS estimate that 22.9% of young adults 20–24 years of age are current smokers (20) is also similar to the BRFSS 1992–1993 aggregate datum that 24.8% of young adults 18–29 years of age are current smokers.

The highest prevalence of safety belt use was reported in states having safety-belt-use laws that permit primary enforcement. Primary enforcement allows a police

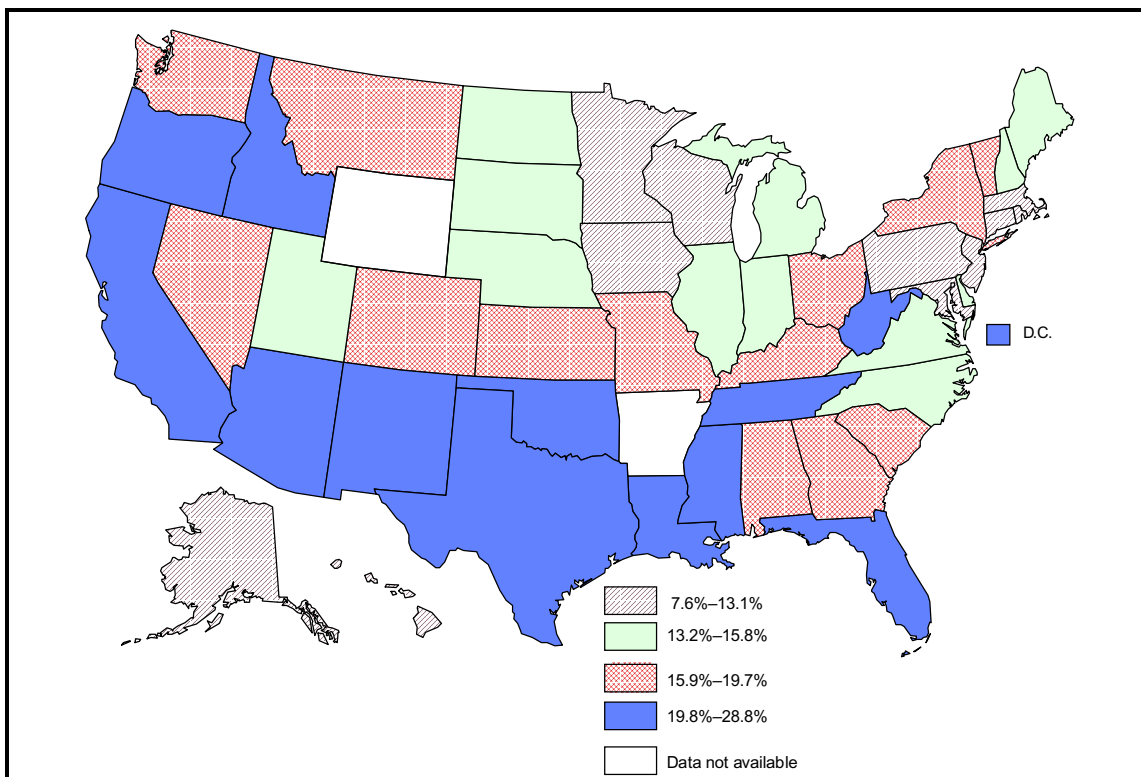
officer to stop a driver for an observed violation of a safety-belt-use law only. Secondary enforcement requires a police officer to first stop the driver for another violation. Primary enforcement laws are associated with more frequent safety belt use than are secondary enforcement laws (21).

Adults living in states with the highest rates of alcohol consumption are most likely to drive after drinking too much alcohol or to ride with a driver who had too much alcohol to drink. Thus, engaging in these drinking-related behaviors increases the risk for injury.

Data about self-reported awareness of certain medical conditions (e.g., hypertension, diabetes, and high blood cholesterol) provide health-care providers and educators information about what people know about their medical condition. However, awareness does not indicate that these conditions are being treated or controlled, nor does it reflect the prevalence of risk factors for these conditions. These self-reported BRFSS data are likely lower than the true prevalence of these medical conditions because many persons may be unaware that they have such medical problems (22).

The self-reported BRFSS data about the use of mammography and clinical breast examination are similar to estimates from the Jacobs Institute of Women's Health Mammography Attitudes and Usage Study (23) and the NHIS (13), which also are based on self-reported data. In 1992, the BRFSS study and the study conducted by the Jacobs Institute of Women's Health (23) indicated that 74% of women  $\geq 40$  years of age had ever had a mammogram.

**FIGURE 1. Percentage\* of adults 18–64 years of age who reported having no health insurance—Behavioral Risk Factor Surveillance System, 1992**



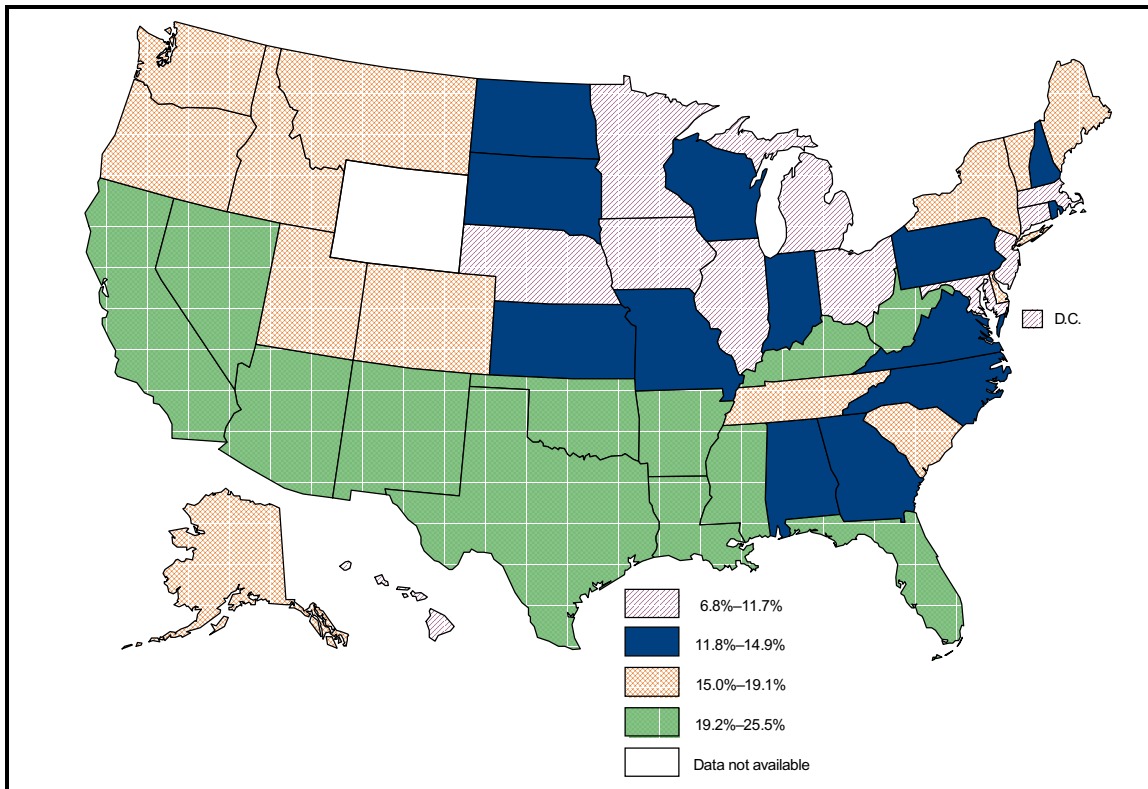
\*Scale is different than that in Figure 2.

The BRFSS estimates of the percentage of uninsured adults 18–64 years of age are slightly lower than those reported from the March 1993 Current Population Survey (24). The Current Population Survey includes persons in households without telephones. Persons without telephones in the household tend to be poorer and less educated than persons who have telephones (25). These persons may also be less likely to have health insurance (25). Thus, the finding that the percentage of uninsured adults is lower in the BRFSS than in the March 1993 Current Population Survey may reflect the fact that BRFSS data are collected only from persons in households with telephones.

States can use BRFSS data about health insurance coverage to identify the sociodemographic characteristics of persons who do not have coverage and to compare the prevalence of health risk behaviors and the use of preventive health services among the insured and uninsured (25). For example, lack of mammography use is associated with lack of health insurance (25). This information also can be used by managed-care organizations in determining the best options for state populations and by policy makers in evaluating health-care reforms at the state level.

The differences in self-reported behaviors and use of medical services must be interpreted cautiously on the basis of only these 2 years of state data. The apparent decreases or increases may reflect changes in the true prevalence of the population sampled. However, these changes could be artifactual because several factors, including wording changes in the questions on alcohol consumption and diabetes

**FIGURE 2. Percentage\* of adults 18–64 years of age who reported having no health insurance—Behavioral Risk Factor Surveillance System, 1993**



\*Scale is different than that in Figure 1.

awareness; modifications in the definition of Pap smear, mammography, and clinical breast examination; shifts in the demographic composition of the sample population between 1992 and 1993; differences resulting from under- or overreporting of certain factors; and sampling and nonresponse errors. The extent of these possible effects probably is limited, but the effects can be assessed only after data from subsequent years are collected and analyzed.

The BRFSS can provide the basis for developing or evaluating public health programs or policies designed to reduce the prevalence of health risk factors. BRFSS data have been useful in the development of state-specific health plans and continue to be valuable in evaluating progression toward national year 2000 health objectives and state health objectives.

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## Appendix A: Behavioral Risk Factor Surveillance System State and Territorial Coordinators, 1996

State or Territory	Coordinator	Telephone Number
Alabama	Jamey Durham, MPA	(334) 613-5300
Alaska	Patricia Owen	(907) 465-3140
Arizona	Brian Bender	(602) 542-7335
Arkansas	John Senner, PhD	(501) 661-2497
California	Bonnie Davis, PhD	(916) 327-2768
Colorado	Marilyn Leff, MSPH	(303) 692-2168
Connecticut	Mary Adams, MPH	(860) 509-7665
Delaware	Fred Breukelman	(302) 739-4724
District of Columbia	Cynthia Mitchell	(202) 645-5552
Florida	Doris McTague, MS	(904) 414-5654
Georgia	Ed Pledger, MPA	(404) 657-2553
Guam	Cynthia Naval	011/671/7357307
Hawaii	James Cooper, MA	(808) 586-4733
Idaho	Christopher Johnson, MPH	(208) 334-6571
Illinois	Bruce Steiner, MS	(217) 785-1064
Indiana	Nancy Costello, MPA	(317) 383-6571
Iowa	Patricia Busick	(515) 281-3763
Kansas	Michael Perry	(913) 296-8918
Kentucky	Karen Asher	(502) 564-3418
Louisiana	Rana Bayakly	(504) 568-7210
Maine	Dorean Maines	(207) 287-5180
Maryland	Alyse Weinstein, MA	(410) 225-6807
Massachusetts	Daniel Brooks, MPH	(617) 624-5636
Michigan	Harry McGee, MPH	(517) 335-9081
Minnesota	Nagi Salem, PhD	(612) 296-9526
Mississippi	Susan Loyd	(601) 960-7827
Missouri	Jeannette Jackson-Thompson, PhD	(573) 876-3283
Montana	Patrick Smith	(406) 444-2555
Nebraska	Sue Huffman	(402) 471-3488
Nevada	Emil DeJan, MPH	(702) 687-4720
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New Jersey	Georgette Boeselager, MS	(609) 984-6137
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## Appendix B: States and U.S. Territories Participating in the Behavioral Risk Factor Surveillance System, 1984–1996

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Alabama			S*	S	S	S	S	S	S	S	S	S	S
Alaska							P†	S	S	S	S	S	S
Arizona	S	S	S	S	S	S	S	S	S	S	S	S	S
Arkansas					P			S	S	S	S	S	S
California	S	S	S	S	S	S	S	S	S	S	S	S	S
Colorado				P			S	S	S	S	S	S	S
Connecticut		S			S	S	S	S	S	S	S	S	S
Delaware							S	S	S	S	S	S	S
District of Columbia		S	S	S	S	S	S	S	S	S	S	S	S
Florida		S	S	S	S	S	S	S	S	S	S	S	S
Georgia		S	S	S	S	S	S	S	S	S	S	S	S
Guam								P				P	P
Hawaii	P		S	S	S	S	S	S	S	S	S	S	S
Idaho	S	S	S	S	S	S	S	S	S	S	S	S	S
Illinois	S	S	S	S	S	S	S	S	S	S	S	S	S
Indiana	S	S	S	S	S	S	S	S	S	S	S	S	S
Iowa					S	S	S	S	S	S	S	S	S
Kansas							P		S	S	S	S	S
Kentucky		S	S	S	S	S	S	S	S	S	S	S	S
Louisiana						P	S	S	S	S	S	S	S
Maine			P	S	S	S	S	S	S	S	S	S	S
Maryland			P	S	S	S	S	S	S	S	S	S	S
Massachusetts			S	S	S	S	S	S	S	S	S	S	S
Michigan				S	S	S	S	S	S	S	S	S	S
Minnesota	S	S	S	S	S	S	S	S	S	S	S	S	S
Mississippi		P			P			S	S	S	S	S	S
Missouri		P	S	S	S	S	S	S	S	S	S	S	S
Montana	S	S	S	S	S	S	S	S	S	S	S	S	S
Nebraska				S	S	S	S	S	S	S	S	S	S
Nevada					P			P	S	S	S	S	S
New Hampshire				S	S	S	S	S	S	S	S	S	S
New Jersey							P	S	S	S	S	S	S
New Mexico			S	S	S	S	S	S	S	S	S	S	S
New York		S	S	S	S	S	S	S	S	S	S	S	S
North Carolina	S	S	S	S	S	S	S	S	S	S	S	S	S
North Dakota	P	S	S	S	S	S	S	S	S	S	S	S	S
Ohio	S	S	S	S	S	S	S	S	S	S	S	S	S
Oklahoma						S	S	S	S	S	S	S	S
Oregon					P	S	S	S	S	S	S	S	S
Pennsylvania						S	S	S	S	S	S	S	S
Puerto Rico												P	P
Rhode Island	S	S	S	S	S	S	S	S	S	S	P	S	S
South Carolina	S	S	S	S	S	S	S	S	S	S	S	S	S
South Dakota	P	S	S	S	S	S	S	S	S	S	S	S	S
Tennessee	S	S	S	S	S	S	S	S	S	S	S	S	S
Texas	P				S	S	S	S	S	S	S	S	S
Utah	S	S	S	S	S	S	S	S	S	S	S	S	S
Vermont							S	S	S	S	S	S	S
Virgin Islands						P		P				P	P
Virginia						S	S	S	S	S	S	S	S
Washington				S	S	S	S	S	S	S	S	S	S
West Virginia	S	S	S	S	S	S	S	S	S	S	S	S	S
Wisconsin	S	S	S	S	S	S	S	S	S	S	S	S	S
Wyoming								P			S	S	S
<b>Total P</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>3</b>
<b>Total S</b>	<b>15</b>	<b>22</b>	<b>26</b>	<b>34</b>	<b>37</b>	<b>40</b>	<b>45</b>	<b>48</b>	<b>49</b>	<b>50</b>	<b>50</b>	<b>51</b>	<b>51</b>
<b>Total surveys</b>	<b>19</b>	<b>24</b>	<b>28</b>	<b>35</b>	<b>41</b>	<b>42</b>	<b>48</b>	<b>52</b>	<b>49</b>	<b>50</b>	<b>52</b>	<b>54</b>	<b>54</b>

\*Surveillance (monthly surveys conducted throughout the year).

†Point-in-time survey conducted during one defined period.

### State and Territorial Epidemiologists and Laboratory Directors

State and Territorial Epidemiologists and Laboratory Directors are acknowledged for their contributions to *CDC Surveillance Summaries*. The persons listed below were in the positions shown as of February 1996.

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Colorado	Richard E. Hoffman, MD, MPH	Ronald L. Cada, DrPH
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Federated States of Micronesia	Vacant	—
Guam	Robert L. Haddock, DVM, MPH	Florencia Nocon (Acting)
Marshall Islands	Tom D. Kijner	—
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Palau	Jill McCready, MS, MPH	—
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