

State Estimates of Substance Use from the 2001 National Household Survey on Drug Abuse: Volume I. Findings

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Highlights

This report on substance use is the first presenting State estimates from the 2001 National Household Survey on Drug Abuse (NHSDA). The report presents State estimates for 19 different measures related to substance use or mental health. Of those measures, 18 are based on an average for the combined years 2000 and 2001, while the remaining measure on mental health status only uses 2001 data. For each measure, States have been ranked and categorized into quintiles, or fifths, in order to simplify the discussion. In addition to State estimates of prevalence rates, the report also includes estimates of change between 1999-2000 and 2000-2001 for 12 measures that have consistent definitions for the years from 1999 through 2001. Combining 2 years of data to make comparisons improves precision in situations where changes are relatively small.

Illicit Drug Use (1999-2001)

- Reflecting the significant increase at the national level between 2000 and 2001 in past month use of any illicit drug among all persons age 12 or older, 38 States had prevalence rates of any illicit drug use that were somewhat higher in 2000-2001 than in 1999-2000. Only six of those States displayed *increases* that were statistically significant. In order to measure change for the purpose of this report, statistical significance is assumed to be 0.10 or less. Arkansas increased from 5.4 to 6.7 percent; Illinois, from 6.3 to 7.2 percent; Maine, from 6.9 to 8.4 percent; New Hampshire, from 6.6 to 8.0 percent; New York, from 5.8 to 6.8 percent; and Vermont, from 8.5 to 10.5 percent. Most of these increases were driven by increases in the 18 to 25 age group. (*Figure 2.1; Tables A.1 and B.1*)
- Massachusetts had the highest estimated rate (10.7 percent) of past month use of any illicit drug among persons age 12 or older. As was the case in 1999-2000, the highest rates occurred in the West and Northeast. The Northeastern States were all in New England: Massachusetts, Vermont, Maine, Rhode Island, and New Hampshire. The Western States included Colorado, Alaska, Oregon, and California. (*Figure 2.1; Table B.1*)
- Marijuana is the most commonly used illicit substance by the population age 12 years or older. Eight States (Vermont, Massachusetts, Colorado, Alaska, Oregon, Maine, New Hampshire, and Rhode Island) ranked in the top fifth, meaning the highest rates, for past month marijuana use. These States also were in the top fifth for use of any illicit drug. Eight States showed significant *increases* when the 1999-2000 estimate is compared with the 2000-2001 estimate for past month use of marijuana among persons age 12 or older. Five of these States are the same States that had significant *increases* in current use of any illicit drug. Across all age groups, Delaware was the only State that displayed a significant *decrease* in marijuana use; the prevalence rate among youths age 12 to 17 dropped from 11.9 to 9.6 percent. (*Figures 2.1, 2.5, and 2.6; Tables A.2, B.1, and B.2*)

- Vermont had the lowest rate of "perceived great risk" for monthly use of marijuana among the population 12 or older, both in 1999-2000 and in 2000-2001. Of the States with the lowest rates of perceived risk, 9 out of 10 ranked in the highest fifth for past month use of marijuana. Among all States, only Alaska showed any significant *increase* in perceived risk—from 32.4 to 35.8 percent among persons age 12 or older, and from 35.0 to 39.7 percent in the 26 or older age group. (Figures 2.5 and 2.9; Tables A.3, B.2, and B.3)
- The highest rates of past year cocaine use among persons age 12 or older were found in New Mexico and Colorado (2.8 percent). Four Western States (New Mexico, Colorado, Arizona, and Nevada) ranked in the top fifth for past year use of cocaine for all three age groups: 12 to 17, 18 to 25, and 26 or older. Only Hawaii showed a significant change in any of the age groups—a *decline* from 1.5 to 0.8 percent among persons age 26 or older. (Figure 2.20; Tables A.6 and B.6)

Alcohol Use (1999-2001)

- Nine States had significant *increases* in the percentage that used alcohol in the past month among persons age 12 or older between 1999-2000 and 2000-2001. Connecticut increased from 56.0 to 59.6 percent; the District of Columbia, from 44.9 to 50.2 percent; Maine, from 49.9 to 54.3 percent; Michigan, from 47.0 to 50.2 percent; Minnesota, from 53.8 to 58.4 percent; Rhode Island, from 53.1 to 58.0 percent; South Carolina, from 35.9 to 40.5 percent; Vermont, from 56.5 to 61.6 percent; and West Virginia, from 32.7 to 36.5 percent. Only Alaska had a significant *decrease* in alcohol use during the period for the 12 or older age group: from 52.9 to 49.4 percent. (Figure 3.1; Tables A.7 and B.7)
- Vermont had the highest rate of all States for past month alcohol use (61.6 percent) among persons age 12 or older. With the exception of Delaware, most of the States that ranked in the top fifth for alcohol use were Northern States: Vermont, New Hampshire, Massachusetts, Wisconsin, Connecticut, Minnesota, Rhode Island, Colorado, and North Dakota. Also, Vermont, New Hampshire, Massachusetts, Wisconsin, Connecticut, and North Dakota were ranked in the top fifth for alcohol use for all three age groups (12 to 17, 18 to 25, and 26 or older). (Figures 3.1 to 3.4; Table B.7)
- Utah reported the lowest prevalence of past month alcohol use among persons age 12 or older—28.9 percent. (Figure 3.1; Table B.7)
- Prevalence rates of binge alcohol use ranged from a low of 14.2 percent in Utah to a high of 29.0 percent in North Dakota for persons age 12 or older. The District of Columbia was the only area that showed a significant *increase* in binge use of alcohol, from 18.9 to 22.0 percent for persons age 12 or older between 1999-2000 and 2000-2001. The District of Columbia, Idaho, and Maryland also displayed increases in the 18 to 25 age group, but there were no other significant increases among any of the States or the District of Columbia for any of the component age groups. Virginia was the only State to show a *decrease* in binge drinking (from 38.2 to 33.3 percent), this occurring in the 18 to 25 age group. (Figures 3.1, 3.5, and 3.6; Tables A.8, B.7, and B.8)

- The District of Columbia's increase in past month binge use of alcohol was consistent with its significant *decreases* in the perceived risk of binge use of alcohol in the 18 to 25 age group, 26 or older age group, and the 12 or older age group. However, the District of Columbia still ranked among the States having the highest rates of perceived risk of binge use of alcohol in the Nation. (*Figures 3.5, 3.9, and 3.10; Tables A.9, B.8, and B.9*)

Tobacco Use (1999-2001)

- Seven Southern States were ranked among the top fifth in past month tobacco use by persons age 12 or older. In this age group, Kentucky, one of the largest tobacco-producing States, ranked the highest at 38.7 percent; West Virginia was second at 37.5 percent. Utah had the lowest rate in the Nation for this age group—18.8 percent. (*Figures 4.1 and 4.3; Table B.10*)
- Kentucky, Louisiana, West Virginia, Ohio, Tennessee, and Arkansas ranked in the top fifth both for past month use of tobacco and for past month use of cigarettes among persons age 12 or older. Three States had *decreases* in past month use of cigarettes between 1999-2000 and 2000-2001 among youths age 12 to 17: Arkansas, from 18.6 to 14.6 percent; Oregon, from 15.0 to 11.8 percent; and Pennsylvania, from 16.4 to 14.8 percent. The only other significant change was an increase in cigarette use in Rhode Island among those age 18 to 25 (from 37.3 to 42.7 percent). (*Figures 4.1, 4.5, and 4.6; Tables A.11, B.10, and B.11*)

Dependence on, or Abuse of, Alcohol or Illicit Drugs and Receipt of Treatment (2000-2001)

- North Dakota had the highest rate (8.5 percent) of alcohol dependence or abuse in the 12 or older age group. Other high prevalence rates were found in Montana, District of Columbia, Massachusetts, Nebraska, New Mexico, South Dakota, Alaska, Rhode Island, and Colorado. North Carolina had the lowest rate at 4.2 percent. (*Figure 5.1; Table B.13*)
- The highest rate of dependence on or abuse of illicit drugs among persons age 12 or older was found in Nevada and California (2.9 percent) and the lowest in Iowa (1.4 percent). The States with the highest rates for dependence on or abuse of alcohol were different from those with the highest rates of dependence on or abuse of illicit drugs. Only three States were in the top fifth for both measures: Massachusetts, New Mexico, and Colorado. (*Figures 5.1 and 5.9; Tables B.13 and B.15*)
- California had the largest treatment gap (defined as the number of persons who needed treatment in the past year but did not receive treatment in a specialty substance abuse treatment facility) for the 12 or older population—2.7 percent. Iowa had the lowest treatment gap in this group—1.4 percent. Included in the top fifth were four Western States, three Northeastern States, and one Southern State. The lowest fifth included five Midwestern States, four Southern States, and two Northeastern States. (*Figure 5.21; Table B.18*)

- California also had the greatest number of persons in need of but not receiving treatment in the Nation, approximately 708,000 persons age 12 or older, which was almost 16 percent of the total treatment gap for the Nation. Other States with a large number of persons in need of but not receiving treatment included New York (337,000), Texas (297,000), Florida (216,000), Illinois (206,000), Pennsylvania (163,000), Ohio (157,000), Massachusetts (131,000), Washington (115,000), and Georgia (113,000). Although the 12 to 25 age group represented only about 23 percent of the total population age 12 or older, nationally it included about 60 percent of all persons in the gap. (*Table B.19*)

Serious Mental Illness (SMI) (2001)

- Questions relating to serious mental illness (SMI) were included for the first time in the 2001 NHSDA for adults age 18 or older. These questions focus on functional impairment and diagnosable mental, behavioral, or emotional disorders that meet criteria from the *Diagnostic and Statistical Manual of Mental Disorders* (4th edition). This report is the first time that it has been possible to provide State estimates of this problem. Oklahoma had the highest rate of SMI in the Nation, 10.4 percent, and Hawaii had the lowest rate, 5.1 percent. The majority of States with the highest rates of SMI in the 18 or older population were in the South: Oklahoma, Kentucky, Georgia, West Virginia, Arkansas, and Louisiana. (*Figure 6.1; Table B.20*)
- Although SMI is correlated at the individual level with the use of illicit drugs and cigarettes, the correlation of SMI and past month illicit drug use at the State level was small and negative, -0.18. Correlation at the State level of SMI and past month use of cigarettes was positive and larger, 0.31. The largest correlation of SMI with demographic information, at the State level, was the correlation of SMI and the 1999 per capita income (in 1,000s) obtained from the Bureau of Health Professions' 2002 Area Resource File, -0.53.

1. Introduction

This report presents State estimates for 19 measures of substance use or mental health problems based on the 2001 National Household Survey on Drug Abuse (NHSDA). Since 1971, the NHSDA has been an ongoing survey of the civilian, noninstitutionalized population of the United States age 12 years old or older. State estimates presented in this report are based on data collected in 1999 and later and have been developed using a small area estimation (SAE) procedure in which State-level NHSDA data are combined with local-area county and Census block group/tract-level data from the State. These model-based estimates provide more precise estimates of substance use at the State level.

Beginning with the 1999 NHSDA data, the Substance Abuse and Mental Health Services Administration (SAMHSA) produced estimates at the State level for a selected set of variables (Office of Applied Studies [OAS], 2002b). These variables included prevalence rates for a number of licit and illicit substances, perceptions of risks of substance use, and other measures related to substance dependence and abuse. In 2000, 12 of the same measures were repeated in the NHSDA questionnaire, and a modified set of new questions related to substance dependence and abuse were added. These new questions more accurately and completely capture information on dependence and abuse criteria described in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) (American Psychiatric Association [APA], 1994). For the 2000 report of State estimates, the 12 measures that were common to 1999 and 2000 had their estimates based on the combined data for those years in order to improve their accuracy (Wright, 2002a, 2002b).

In 2001, 18 measures shared common definitions for 2000 and 2001. Estimates of prevalence were based on the combined data for those years. One new measure, serious mental illness (SMI), was introduced in 2001.

Because 12 of the measures utilized the same definitions from 1999 through 2001, it was possible for the first time to estimate change between the prevalence rates based on combined 1999-2000 data and data combined for 2000-2001. For details on the SAE methodology, including a discussion of the survey-weighted hierarchical Bayes estimation approach, the methodology used to produce the 2-year averages and the estimates of change, and the validation results, see Appendix E in Volume II.

1.1. Prior Releases of State Estimates

The *Summary of Findings from the 1999 NHSDA* (OAS, 2000) presented national estimates of substance use and, for the first time, State estimates for seven priority variables for all persons age 12 or older and three age groups (12 to 17, 18 to 25, and 26 or older). Subsequently, 1999 State estimates were developed for additional substance use measures for the same age groups (OAS, 2002a). In total, there were 18 measures reported; accompanying each estimate was its 95 percent prediction interval (PI). These results and all subsequent State and national estimates have been posted to the SAMHSA website.

A special State report that focused on youths (also based on the 1999 NHSDA) was released in 2001 (Wright & Davis, 2001). In 2000 and 2001, the national results were released separately (OAS, 2001b, 2002c, 2002d) from the State results. State estimates for 2000 were released in two volumes, one with the findings and the other with the technical appendices (Wright, 2002a, 2002b). National and State estimates of the drug abuse treatment gap for 2000 appeared in a separate report (OAS, 2002e).

1.2. Summary of NHSDA and State Methodology

The NHSDA is the primary source of statistical information on the use of illicit drugs by the U.S. civilian population age 12 or older. Conducted by the Federal Government since 1971, the survey collects data by administering questionnaires to a representative sample of the population through face-to-face interviews at their place of residence. The survey is sponsored by SAMHSA, and data collection is carried out by RTI of Research Triangle Park, North Carolina, under the direction of the Office of Applied Studies (OAS) in SAMHSA. This section briefly describes the NHSDA methodology. A more complete description is provided in Appendix F in Volume II.

The survey covers residents of households, noninstitutional group quarters (e.g., shelters, rooming houses, dormitories), and civilians living on military bases. Persons excluded from the survey include homeless people who do not use shelters, active military personnel, and residents of institutional group quarters, such as jails and hospitals. Appendix H in Volume II describes surveys that include populations that are not part of the NHSDA sampling frame.

The 1999 NHSDA marked the first survey year in which the national sample was interviewed using a computer-assisted interviewing (CAI) method. The survey used a combination of computer-assisted personal interviewing (CAPI) conducted by an interviewer and audio computer-assisted self-interviewing (ACASI). Use of ACASI is designed to provide the respondent with a highly private and confidential means of responding to questions and should increase the level of honest reporting of illicit drug use and other sensitive behaviors. For further details on the development of the CAI procedures for the 1999 NHSDA, see OAS (2001a).

The 1999 through 2001 NHSDAs employed a 50-State design with an independent, multistage area probability sample for each of the 50 States and the District of Columbia. The eight States with the largest population (which together accounted for 48 percent of the total U.S. population age 12 or older) were designated as large sample States (California, Florida, Illinois, Michigan, New York, Ohio, Pennsylvania, and Texas). Collectively, the sample allocated to these States ensured adequate precision at the national level while providing individual State samples large enough to support both model-based (SAE) and design-based estimates. For the remaining 42 States and the District of Columbia, smaller, but adequate, samples were selected to support State estimates using SAE techniques (described in Appendix E in Volume II). The design also oversampled youths and young adults, so that each State's sample was approximately equally distributed among three major age groups: 12 to 17 years, 18 to 25 years, and 26 years or older.

Nationally, addresses were screened and persons were interviewed within the screened addresses. The 1999 survey was conducted from January through December 1999, and the 2000

and 2001 surveys in the analogous periods in those years. The screening response rates for 1999, 2000, and 2001 were 89.6 percent, 92.8 percent, and 91.9 percent, respectively. The interview response rate was 68.6 percent in 1999, 73.9 percent in 2000, and 73.3 percent in 2001. The overall response rates for 1999, 2000, and 2001 were 61.4 percent, 68.6 percent, and 67.4 percent, respectively. Overall response rates for 1999 for individual States ranged from 49.8 to 78.2 percent. The range in 2000 was somewhat better—from 58.2 to 80.6 percent. In 2001, State response rates ranged from 55.3 to 78.5 percent. For more details, see Tables E.18 to E.20 in Appendix E in Volume II.

Estimates in this report have been adjusted to reflect the probability of selection, unit nonresponse, poststratification to known benchmarks, item imputation, and other aspects of the estimation process.

1.3. Format of Report and Presentation of Data

The findings presented in this report are divided into seven main chapters, including this introductory chapter, in Volume I, along with U.S. maps at the ends of Chapters 2 through 6, and data tables in Appendices A and B at the end of this volume. Six supplementary appendices are provided in a separately bound Volume II.

Chapter 2 presents State estimates of marijuana use, incidence of marijuana use, perceived risks of marijuana use, any illicit drug use, any illicit drug use other than marijuana, and cocaine use. Estimates are produced for the combined 2000-2001 period and for change between 1999-2000 and 2000-2001. Chapter 3 discusses analogous estimates of alcohol use, binge alcohol use, and the perceived risks of binge alcohol use. Chapter 4 presents estimates for tobacco use, cigarette use, and the perceptions of risk of heavy cigarette use. Chapter 5 discusses the substance treatment-related measures (i.e., dependence on and abuse of illicit drugs or alcohol) for the 2000-2001 period. Chapter 6 presents SMI estimates based solely on the 2001 NHSDA. Chapter 7 is a discussion of the findings.

At the ends of Chapters 2 to 6, State model-based estimates are portrayed in U.S. maps showing all 50 States and the District of Columbia. The quintile rankings can be determined from tables that include all 50 States and the District of Columbia, listed in alphabetical order (Appendix B), by four age categories. Individual State tables also are provided to display all of the estimates discussed in this report by the four age categories for a given State (Appendix C in Volume II). The color of each State on the U.S. maps indicates how the State ranks relative to other States for each indicator. States could fall into one of five groups according to their ranking by quintiles. Because there are 51 areas to be ranked, the middle quintile was assigned 11 areas and the remaining groups 10 each. In some cases, a "quintile" could have more or fewer States than desired because two (or more) States have the same estimate (to two decimal places). When this occurs at the "boundary" between two "quintiles," all States with the same estimate were assigned to the lower quintile. Those States with the highest rates for a given variable are in red, with the exception of the perceptions of risk variables, for which the lowest perceptions of great risk are in red. Those States with the lowest estimates are in white, with the exception of the perceptions of risk variables, for which the highest perceptions of great risk are in white.

At the top of each table in Appendix B is a "national" total that represents the (weighted) sum of the estimates from the 50 States and the District of Columbia. Those totals are generally slightly different from the corresponding national estimates calculated by summing the sample-weighted records across the entire sample. The latter estimates are the preferred unbiased estimates for the Nation and are used in the text for comparison with the State-level estimates.

Associated with each State estimate is a 95 percent PI. These intervals indicate the precision of the estimate. For example, the State with the highest estimated past month alcohol rate for youths (a model-based estimate) was North Dakota, with a rate of 24.7 percent (Table B.7). The 95 percent PI on that estimate is from 21.6 to 28.1 percent. Therefore, the probability is 0.95 that the true prevalence for North Dakota will fall between 21.6 and 28.1 percent. The PI indicates the uncertainty due to both sampling variability and model bias.

For the first time, estimates of change between 1999-2000 and 2000-2001 are presented (see Tables A.1 to A.12). These tables show the estimates for 1999-2000 and 2000-2001 and a p value to test the hypothesis that there was "no change" over this period. Although the usual standards of significance in NHSDA publications utilize p values of 0.01 or 0.05 (corresponding to a probability of 99 or 95 percent, respectively, that the change was not 0), p values of 0.10 have occasionally been used. The methodology for estimating change involves estimating one model for 1999-2000 based on the predictor variables and the sample for those years and a separate model for 2000-2001 based on the predictor variables and sample for those years. This can lead to slightly different national models (i.e., models with slightly different model coefficients for the two sets of years). If the models were identical for the combined years, the change between 1999-2000 and 2000-2001 would equal the average yearly change between 1999 and 2001. "Average yearly change" indicates the change between 1999 and 2001 divided by 2. Because the national models for 1999-2000 and 2000-2001 are not generally equal, and the influence of the national model relative to the 2 years of data can vary depending on the relative precision of each, the estimates of State change generally will not be equal to the average change between 1999 and 2001. However, conceptualizing it as such is probably the best way to interpret the change. For more details on this topic, see the section on validation of change in Appendix E.

The NHSDA standards for tests of significance have been extended in this analysis to include the $p = 0.10$ level in the analysis of *change* because the year-to-year changes are usually small and relatively hard to detect. As noted in Chapter 7, the significance levels quoted in Appendix A tables are somewhat conservative. A more precise significance-level calculation presented in Appendix E yielded p values that were reduced by a multiple ranging from 0.94 to 0.79. The discussion also has been extended in this report to include States that have changed the category in which they were ranked by two or more quintiles, depending on the measure (e.g., a change of a State from ranking in the top fifth in 1999-2000 to ranking in the middle fifth in 2000-2001). For some measures, such as those with low prevalence rates, the estimates reflect a good deal of variation between 1999-2000 and 2000-2001; thus, many more States have *apparent changes* of two or more quintiles. For such measures, the discussion has been limited to changes of three or more quintiles.

The discussion of quintile ranking is primarily descriptive and is not based on actual tests of significance. For significance, one must rely on the tests of significance that are presented in

Tables A.1 to A.12. Therefore, a State may have changed its quintile rank by two or more quintiles, yet the estimate for 1999-2000 may not be statistically different from the estimate for 2000-2001.

1.4. Measures of Substance Use Presented in This Report

Estimates based on combined 2000-2001 NHSDA data were developed using 18 measures:

- past month use of any illicit drug,
- past month use of marijuana,
- perceptions of great risk of smoking marijuana once a month,
- average annual rates of first use of marijuana,
- past month use of any illicit drug other than marijuana,
- past year use of cocaine,
- past month use of alcohol,
- past month binge alcohol use,
- perceptions of great risk of having five or more drinks of an alcoholic beverage once or twice a week,
- past month use of any tobacco product,
- past month use of cigarettes,
- perceptions of great risk of smoking one or more packs of cigarettes per day,
- past year alcohol dependence or abuse,
- past year alcohol dependence,
- past year any illicit drug dependence or abuse,
- past year any illicit drug dependence,
- past year dependence on or abuse of any illicit drug or alcohol, and
- past year treatment gap.

In addition, the first 12 of the above measures include estimates of change between the prevalence rates for 1999-2000 and 2000-2001. An additional 19th measure completes the list of measures for which State estimates are presented:

- past year serious mental illness.

The NHSDA includes questions on a number of factors associated with a higher likelihood (risk factors) or lower likelihood (protective factors) of substance use. Among these, low perceptions of risk of substance use often are associated with higher levels of substance use (see Wright & Davis, 2001; Wright & Pemberton, in press). In this report, State-level estimates of the perceptions of risk of marijuana use, binge alcohol use, and cigarette use are presented.

1.5. Calculation of Average Annual Incidence of Marijuana Use

Incidence rates are typically calculated as the number of new initiates of a substance during a period of time (such as in the past year) divided by the estimate of the number of person years of exposure (in thousands). The incidence measure in this report is the result of a simpler definition but is based on the model-based methodology mentioned earlier in this chapter and discussed further in Appendix G in Volume II. The definition in this report is as follows:

$$\text{Average annual incidence rate} = \{(\text{Number of marijuana initiates in past 24 months}) / [(\text{Number of marijuana initiates in past 24 months} * 0.5) + \text{Number of persons who never used marijuana}]\} / 2.$$

In this report, this rate is expressed as a percentage or rate per 100 person years of exposure. Note that this estimate uses a 2-year time period to accumulate incidence cases from each annual survey. By assuming further that the distribution of first use for the incidence cases is uniform across the 2-year interval, the total number of person years of exposure is 1 year on average for the incidence cases plus 2 years for all the "never users" at the end of the time period. This approximation to the person years of exposure permits one to recast the incidence rate as a function of two population prevalence rates, namely, the fraction of persons who first used marijuana in the past 2 years and the fraction who had never used marijuana. Both of these prevalence estimates were estimated using the survey-weighted hierarchical Bayes estimation approach.

The count of persons who first used marijuana in the past 2 years is based on a "moving" 2-year period that ranges over 3 calendar years. Subjects were asked when they first used marijuana. If a person indicated first use of marijuana between the day of the interview and 2 years prior, the person was included in the count. Thus, it is possible for a person interviewed in the first part of 2001 to indicate first use as early as the first part of 1999 or as late as the first part of 2001. Similarly, a subject interviewed in the last part of 2001 could indicate first use as early as the last part of 1999 or as late as the last part of 2001. Therefore, in the 2001 survey, the reported period of first use ranged from early 1999 to late 2001 and was "centered" in 2000. About half of the 12 to 17 year olds who reported first use in the past 24 months reported first use in 2000, while a quarter each reported first use in 1999 and 2001. Persons who responded in 2001 that they had never used marijuana were included in the count of "never used." Reports of first use in the past 24 months from the 2000 survey ranged from early 1998 to late 2000 and were centered in 1999. For the 12 to 17 year olds, about half of these reports of first use from the 2000 survey occurred in 1999 and one quarter each occurred in 1998 and 2000. For further information on the general procedures for calculating incidence rates, see Appendix G in Volume II. Note that only incidence rates for marijuana use are provided in this report.

1.6. Other NHSDA Reports and Products

The national results from the 2002 survey were recently released (September 2003) in two publications: (1) an overview of the findings (OAS, 2003a) and (2) a full report of results (OAS, 2003b). The name of the survey was changed in 2002 to the National Survey on Drug Use and Health in order to more accurately reflect the content of the questionnaire. In addition to the name change, other methodological changes were introduced, including a \$30 incentive payment for completing the survey. Generally, analyses indicate that the changes have improved response rates and the levels of reported use of substances. However, given the changes, the new estimates are no longer comparable with NHSDA substance use estimates for 2001 and prior years—including the State estimates in this report. For a more complete discussion of the changes made and their impact on the estimates, see Appendix C in OAS (2003b). State estimates for 2002 based on the improved methodology will be published in 2004.

Analytic reports focusing on specific issues or population groups will continue to be produced by OAS. A few of the reports in progress or recently published focus on the following topics:

- substance dependence, abuse, and treatment (Epstein, 2002);
- characteristics of recent marijuana initiates (Gfroerer, Wu, & Penne, 2002); and
- risk and protective factors for substance use (using data from the 1999 NHSDA) (Wright & Pemberton, in press).

A complete listing of previously published reports from the NHSDA and other data sources is available from OAS, and many of these reports also are available through the Internet (see page ii). In addition, OAS makes public use data files available to researchers through the Substance Abuse and Mental Health Data Archive (SAMHDA, 2003). Currently, files are available from the 1979 through the 2001 NHSDAs.

2. Illicit Drug Use

The National Household Survey on Drug Abuse (NHSDA) obtains information on nine different categories of illicit drug use: marijuana, cocaine, heroin, hallucinogens, inhalants, and the nonmedical use of prescription-type pain relievers, tranquilizers, stimulants, and sedatives. Estimates of "any illicit drug" use reflect any of the nine categories listed above. In 2001, an estimated 15.9 million Americans (7.1 percent of the population age 12 or older) had used an illicit drug in the past month (Office of Applied Studies [OAS], 2002c). Marijuana, the most commonly used illicit drug, was used by about 76 percent of current illicit drug users (5.4 percent overall). Approximately 3.1 percent of persons age 12 or older used a substance other than marijuana in the past month.

2.1. Any Illicit Drug

Past month estimates of use of any illicit drug ranged from a low of 4.1 percent in North Dakota to a high of 10.7 percent in Massachusetts for all persons age 12 or older based on the combined 2000-2001 NHSDA data (Figure 2.1; Table B.1). Overall, the estimates were quite similar for the combined 1999-2000 data and combined 2000-2001 data with a correlation of 0.92 for all persons age 12 or older. The correlations for the other age groups ranged from 0.90 to 0.94.

The estimates for 2000-2001 have precision that is similar to that for 1999-2000. For example, given the estimate above for North Dakota (4.1 percent), the probability is 95 percent that the true value for North Dakota lies somewhere between 3.3 and 5.0 percent. This interval is approximately one quarter smaller than the corresponding interval for North Dakota based on a single year's data.¹

The States with the highest rates of any illicit drug use for all persons age 12 or older were mostly in the East (five States) for 2000-2001 as opposed to the West (six States) for 1999-2000. The top States in the East were entirely in New England (Massachusetts, Vermont, Maine, Rhode Island, and New Hampshire). Massachusetts, Rhode Island, and Vermont also were in the top fifth in 1999-2000. The four Western States in the top fifth in 2000-2001 also were in the top fifth in 1999-2000 (Colorado, Alaska, Oregon, and California). Most of the States that displayed the lowest rates in the Nation were either from the Midwest (five States) or the South (three States). Utah and Idaho completed the lowest fifth.

Reflecting the significant *increase* in the national estimates over this period from 6.3 to 6.7 percent for all persons age 12 or older,² 38 out of 51 States (including the District of Columbia) had higher estimates in 2000-2001 than in 1999-2000; however, only increases for 6

¹ This interval is usually referred to as the 95 percent *prediction* interval (PI) because the estimate of the prevalence rate itself is predicted from a model fitted to the sample data.

² These estimates are the weighted averages of the hierarchical Bayes estimates across all States and the District of Columbia and are typically not exactly equal to the direct sample-weighted estimate for the Nation. However, they are representative of a national estimate.

States were statistically significant at the 0.10 level or better.³ Those States were Arkansas (from 5.4 to 6.7 percent), Illinois (from 6.3 to 7.2 percent), Maine (from 6.9 to 8.4 percent), New Hampshire (from 6.6 to 8.0 percent), New York (from 5.8 to 6.8 percent), and Vermont (from 8.5 to 10.5 percent). Most of these increases were driven by statistically significant *increases* in the 18 to 25 age group: Arkansas (from 13.8 to 18.3 percent), Illinois (from 16.4 to 18.9 percent), New Hampshire (from 19.8 to 25.5 percent), New York (from 17.1 to 19.3 percent), and Vermont (from 27.0 to 31.8 percent). Two other States showed significant *increases* among youths: Michigan (from 10.6 to 12.1 percent) and Pennsylvania (from 8.3 to 9.7 percent) (Table A.1).

Because only a small number of States had statistically significant changes at the 0.05 level or lower, here and throughout the text the discussion has been extended to include States that were statistically significantly different at the $p = 0.10$ level or lower. Another criterion that sometimes has been used in the analysis is a change in the rank by two or more quintiles (e.g., a change in a State's rank from the top fifth [quintile 5] in 1999-2000 to the middle fifth [quintile 3] in 2000-2001). For example, Indiana, Kansas, Michigan, New Jersey, and New York showed changes of two quintiles between the previous State report and this one in one or more age groups (12 to 17, 18 to 25, 26 or older, or 12 or older). Only Indiana and New Jersey displayed decreases of two or more rank categories. Indiana's ranking decreased by two quintiles for the 12 or older age group, the 26 or older age group, and the 18 to 25 age group. New Jersey showed a two-quintile decrease in its ranking for the 12 to 17 age group.

2.2. Marijuana

Because marijuana is the predominant substance used by those using an illicit drug, many of the States that showed high prevalence rates for any illicit drug also had high prevalence rates for past month use of marijuana. For example, eight of the States in the top fifth for use of an illicit drug for persons age 12 or older also were ranked in the top fifth for past month use of marijuana: Massachusetts, Vermont, Colorado, Alaska, Oregon, Maine, Rhode Island, and New Hampshire (Figures 2.1 and 2.5; Tables B.1 and B.2). In the 12 to 17 age group, eight States were in the top fifth for both use of any illicit drug and use of marijuana: Vermont, Massachusetts, New Hampshire, Maine, New Mexico, Colorado, Connecticut, and Rhode Island (Figures 2.2 and 2.6; Tables B.1 and B.2). Eight States were common to the top fifth for current marijuana use among persons age 12 or older and youths age 12 to 17: Vermont, Massachusetts, Colorado, Maine, Alaska, New Hampshire, Rhode Island, and Connecticut. In the rankings of State estimates, marijuana exhibited high correlations (0.91 or higher) of 1999-2000 rates with 2000-2001 rates for all age groups.

Eight States had statistically significant *increases* ($p \leq 0.1$) in past month marijuana use between 1999-2000 and 2000-2001 for the 12 or older age group. Five of them were the same States that had significant increases for past month use of any illicit drug: Arkansas, Illinois, Maine, New York, and Vermont. The other States were Iowa, Kansas, and Mississippi. New York showed the only significant *increase* for the 26 or older age group (from 2.4 to 3.1

³ NHSDA publications typically have used 0.01 or 0.05 alpha levels in tests of significance. Those levels have been extended to include 0.10 in the current analysis of change because year-to-year changes are usually small and relatively hard to detect. See Section 1.3 for more details.

percent). Arkansas (from 10.0 to 14.5 percent) and Illinois (from 14.3 to 16.8 percent) displayed the only significant changes for the 18 to 25 age group. Kentucky, Michigan, and Delaware were the only States having significant changes among youths age 12 to 17. Kentucky's past month rate of use of marijuana increased from 6.8 to 9.0 percent, and Michigan's rate increased from 7.9 to 9.4 percent; however, Delaware showed a *decrease* from 11.9 to 9.6 percent (Tables A.1 and A.2).

2.3. Perceptions of Risk of Marijuana Use

An individual's perceptions of the risks of substance use have been shown to be related to whether he or she actually uses the substance (e.g., Bachman, Johnston, & O'Malley, 1998; Lane, Gerstein, Huang, & Wright, 2001). In 1999-2000 and again in 2000-2001, the State with the lowest rate of perceived great risk of using marijuana occasionally (once a month) among persons age 12 or older was Vermont (Figure 2.9; Table A.3). Only about 28 percent of all persons age 12 or older in Vermont thought that occasional use was a great risk. Vermont had the highest rate of past month use of marijuana in the 12 to 17 age group (13.2 percent), the 18 to 25 age group (28.6 percent), and for all persons age 12 or older (9.1 percent). By contrast, Mississippi reported the highest perceived risk of marijuana, about 54 percent of the 12 or older age group, but ranked in the lowest fifth in that age group for past month marijuana use (3.8 percent). Of the 10 States reporting the lowest perceived risk of marijuana use, 9 were in the top fifth for past month use of marijuana (Figures 2.5 and 2.9; Tables B.2 and B.3).

For the 12 or older age group, five States showed a significant *decrease* in perceived risk of using marijuana occasionally: Connecticut, District of Columbia, Louisiana, New York, and Ohio. The same States also showed decreases in perceived risk in at least one of the three component age groups. In addition, Hawaii had a decrease in the 12 to 17 age group (from 37.1 to 31.2 percent), and in the 18 to 25 age group, four States showed *decreases* during the period: District of Columbia (from 27.3 to 23.1 percent), Maine (from 21.1 to 16.6 percent), North Dakota (from 29.6 to 25.1 percent), and Vermont (from 18.6 to 14.5 percent). Alaska was the only State that showed a statistically significant *increase* in perceived risk in any of the age groups: from 35.0 to 39.7 percent in the 26 or older age group and from 32.4 to 35.8 percent in the 12 or older age group (Table A.3).

2.4. Incidence of Marijuana

Related to the prevalence of marijuana use is the number of persons in a period of time who used it for the first time ever. When the number of first-time users of a substance increases for a number of consecutive years, the prevalence rates for the substance tend to increase also.

Only two States showed significant changes between the 1999-2000 and 2000-2001 estimates. The average annual incidence of marijuana (averaged over the most recent 2 years and expressed as a percentage or rate per 100 person years of exposure) for all persons age 12 or older increased for Illinois, from approximately 1.6 to 1.8 percent ($p = 0.07$), and for Vermont, from 2.3 to 2.7 percent ($p = 0.07$). The average annual incidence of marijuana was highest in the 12 to 17 age group (Figure 2.14; Tables A.4 and B.4). In the 12 to 17 age group, Vermont had the highest rate in the Nation, 9.4 percent. Of the top 10 States, 4 were in the West: New Mexico, Nevada, Hawaii, and Colorado. By comparison, the highest rate for all persons age 12 or older

was significantly lower, only 2.7 percent in Vermont (Figure 2.13; Table B.4). For youths age 12 to 17, Utah (4.7 percent) had the lowest incidence rate for the Nation. Six of the ten States in the lowest fifth for marijuana incidence for youths were in the South.

Rates of incidence of marijuana use were highly correlated at the State level with prevalence rates for current (i.e., past month) use of marijuana and any illicit drug use for youths age 12 to 17. Rates were somewhat less correlated for the other age groups. Five of the States in the top fifth for youth incidence of marijuana also were in the top fifth for past month use (Figures 2.6 and 2.14; Tables B.2 and B.4).

In the 12 to 17 age group, first-time users of marijuana comprised a large percentage of those reporting current use of marijuana. Even though the incidence rate (based on an annual average over the past 2 years) and the prevalence rate of current marijuana use (based on the past month) are not strictly comparable, one can be expressed as a ratio relative to the other. The ratio of the incidence rate relative to the past month prevalence rate for marijuana in the 12 to 17 age group was the highest of all age groups. At the national level, this ratio was approximately 30 percent (1.5 percent/4.8 percent).

2.5. Any Illicit Drug Other Than Marijuana

In the 12 or older age group and in the 18 to 25 age group, rates of past month use of these drugs were highest in Vermont (3.6 and 10.5 percent, respectively) (Figures 2.16 and 2.18; Table B.5). The top fifth for persons age 12 or older was comprised of four States in the West (California, Arizona, Colorado, and Nevada), three New England States (Vermont, Massachusetts, and New Hampshire), and three States in the South (Louisiana, District of Columbia, and Arkansas). Seven of these States fell into the top fifth for this age group in 1999-2000 (Table A.5). States from the Midwest dominated the lower fifth for the 12 or older age group (Nebraska, Iowa, South Dakota, North Dakota, Missouri, Ohio, and Indiana). The three other States in the lowest fifth were Idaho, Florida, and New Jersey.

The correlation (0.82) in the 12 or older age group between the State estimates for 1999-2000 and for 2000-2001 for any illicit drug other than marijuana was lower than the correlations for the other substances. Part of the reason may be the relatively lower prevalence rates for this category. The only statistically significant changes in State prevalence rates between 1999-2000 and 2000-2001 occurred in the 18 to 25 age group. Eight States showed positive *increases* in that period: Arizona (from 5.8 to 7.9 percent), Arkansas (from 6.0 to 8.1 percent), California (from 5.9 to 7.1 percent), Illinois (from 4.8 to 6.2 percent), New York (from 5.2 to 6.5 percent), Pennsylvania (from 5.9 to 7.2 percent), Texas (from 5.6 to 7.0 percent), and Virginia (from 4.9 to 7.1 percent) (Table A.5). A large number of States moved two or more quintiles in ranking, although most of those changes were not statistically significant. Arizona increased its rank in the 18 to 25 age group from the second to the fifth quintile (change between 1999-2000 and 2000-2001 was significant and indicated an increase in drug use). Arkansas increased its rank in the 12 or older age group from the second to the fifth quintile (not significant). West Virginia *decreased* its rank in the 18 to 25 age group from the fifth to the second (not significant). Arizona, Louisiana, and Vermont were the only States that were in the top fifth for all three age groups (12 to 17, 18 to 25, and 26 or older). Inhalants were the primary substance used by the 12 to 17 age group.

2.6. Cocaine

The national prevalence rate for the use of cocaine in the past year among all persons age 12 or older increased from 1.5 percent in 2000 to 1.9 percent in 2001 (OAS, 2002d). Because cocaine is one of the substances included in the "any illicit drug other than marijuana" category, it is useful to compare the rankings of States with respect to these two substance measures. As was true for 1999-2000, in 2000-2001 seven of the States with the 10 highest rates of past month use of an illicit drug other than marijuana (age 12 or older) also had past year rates of cocaine use (age 12 or older) that were in the top fifth. New Mexico and Colorado had the highest rate of past year use of cocaine (2.8 percent) among persons age 12 or older (Figure 2.20; Table B.6). Six out of ten of the States with the highest rates of cocaine use among youths age 12 to 17 were in the West. Four States (New Mexico, Arizona, Nevada, and Colorado) were in the top fifth for all three age groups (12 to 17, 18 to 25, and 26 or older) (Figures 2.21 to 2.23; Table B.6). The District of Columbia had the highest rate of past year cocaine use among persons age 26 or older.

In the 12 or older age group, the correlation of State estimates of 1999-2000 with 2000-2001 for past year use of cocaine was 0.84, and the correlation in the 26 or older age group was somewhat lower, 0.75. A major contributor to the slightly low correlations from year to year is the higher relative variation resulting from estimating a low prevalence rate. For the 12 or older age group, eight States with the highest prevalence rates in 2000-2001 also ranked in the highest fifth in 1999-2000. Across all age groups and for the composite 12 or older age group, only Hawaii showed a significant change during that period. Hawaii's past year use of cocaine among persons age 26 or older *dropped* from 1.5 percent in 1999-2000 to 0.8 percent in 2000-2001, accompanying a decrease of rank from the highest fifth to the lowest fifth. Cocaine use in New Hampshire increased from 1.4 to 1.8 percent among persons age 12 or older, but the increase was not statistically significant. However, New Hampshire may bear watching in the future because its overall rank increased by three quintiles (Table A.6).

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3. Alcohol Use

A number of measures of alcohol use are available from the National Household Survey on Drug Abuse (NHSDA). This chapter discusses past month alcohol use, past month binge alcohol use, and the perceived risk of binge alcohol use. Binge alcohol use is defined as drinking five or more drinks on the same occasion on a least 1 day in the 30 days prior to the survey. Alcohol is the most commonly used substance. Nationally in the year 2001, almost half of Americans age 12 or older reported having had a drink in the past month (48.3 percent), and about a fifth (20.5 percent) participated in binge drinking in the past 30 days (Office of Applied Studies [OAS], 2002c). Moreover, among youths age 12 to 17, 17.3 percent reported using alcohol in the past month, and 10.6 percent reported past month binge alcohol use.

3.1. Alcohol

The State that indicated the highest rate of current use of alcohol among persons age 12 or older for 2000-2001 was Vermont (61.6 percent) (Figure 3.1; Table B.7). The States in the top fifth (i.e., highest rates) were primarily in the North, including five States in the Northeast, three in the Midwest, and one in the West. The only State from the South in this group was Delaware. All of the States in the lowest fifth were from the South, except for Utah (West region). Utah had the lowest rate (28.9 percent) of past month alcohol use in the Nation. Six out of the ten States in the highest quintile were common to all three age groups (12 to 17, 18 to 25, and 26 or older): North Dakota, Massachusetts, New Hampshire, Connecticut, Vermont, and Wisconsin (Figures 3.1 to 3.4; Table A.7).

In general, the correlations of 1999-2000 rankings with the 2000-2001 rankings were 0.93 or higher for all three age groups and for all persons age 12 or older collectively, indicating a high degree of continuity over this period. Ten States posted changes between 1999-2000 and 2000-2001. With the exception of Alaska, all of the changes were increased rates of use. For Alaska, among the 12 or older age group, 52.9 percent reported current use of alcohol in 1999-2000, but only 49.4 percent indicated use in 2000-2001. Of the States with increases, only the District of Columbia and South Carolina revealed significant *increases* in as many as three of the age groups: 18 to 25, 26 or older, and 12 or older. Only Pennsylvania showed an *increase* among youths age 12 to 17 (from 15.8 to 17.6 percent) (Table A.7).

3.2. Binge Alcohol

Most of the States in the top fifth for past month binge use of alcohol were in the North; only five of them were the same as those for past month use of alcohol: North Dakota, Wisconsin, Massachusetts, Rhode Island, and Minnesota. Four States were in the top fifth for all three age groups: North Dakota, Massachusetts, South Dakota, and Wisconsin. The District of Columbia was the only area in which binge use of alcohol *increased* both among persons age 18 to 25 (from 32.4 to 39.0 percent) and among all persons age 12 or older (from 18.9 to 22.0 percent). Utah had the lowest rate of binge alcohol use in the Nation (Figures 3.5 to 3.8; Table A.8).

3.3. Perceptions of Risk of Binge Alcohol Use

People's perceptions of the risk of binge drinking did not appear to be as closely related to their actual rates of binge drinking at the State level in 2000-2001 as they were in 1999-2000. Only five of the States with the highest rates of binge use of alcohol in 2000-2001 also were States with the lowest perceived risk of binge drinking during the same period for the population age 12 or older (Figures 3.5 and 3.9; Tables B.8 and B.9), although eight States were in both groups in 1999-2000. Eight out of ten States with the lowest perceived risk were common to all three age groups (12 to 17, 18 to 25, and 26 or older): South Dakota, North Dakota, Massachusetts, New Hampshire, Nebraska, Wisconsin, Vermont, and Montana. The States in the highest fifth of rates of perceived risk (age 12 or older) were either from the South (seven States) or the West (three States).

The District of Columbia displayed significant *decreases* in the perceived risk of binge use of alcohol from 1999-2000 to 2000-2001 in the 18 to 25 age group (from 49.5 to 41.5 percent), in the 26 or older age group (from 57.7 to 53.3 percent), and among all persons age 12 or older (from 55.9 to 51.5 percent) (Table A.9).

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4. Tobacco Use

Tobacco is the second most commonly used substance in the United States next to alcohol. The National Household Survey on Drug Abuse (NHSDA) includes a series of questions on the use of several tobacco products, including cigarettes, smokeless tobacco, cigars, and pipe tobacco. This chapter includes State estimates on past month use of cigarettes, past month use of tobacco, and the perceptions of risk of heavy use of cigarettes. Differences in estimates for cigarettes and tobacco represent persons who do not smoke cigarettes, but who use one of the other forms of tobacco.

4.1. Tobacco

Approximately 66.5 million Americans used a tobacco product in 2001, a prevalence rate of almost 30 percent nationwide (Office of Applied Studies [OAS], 2002c). The State with the highest prevalence rate for persons age 12 or older in 1999-2000 was West Virginia (39.1 percent) (Table A.10). In 2000-2001, the State with the highest rate was Kentucky (38.7 percent), also one of the largest tobacco-producing States (Figure 4.1; Table B.10). Of the top 10 tobacco-using States, 7 were in the South: Kentucky, West Virginia, Louisiana, Oklahoma, Mississippi, Arkansas, and Tennessee. Utah had the lowest rate in the Nation (18.8 percent).

The highest rates of tobacco use in 2000-2001 were in the 18 to 25 age group, and the lowest rates were in the 12 to 17 age group. Three States, Kentucky, West Virginia, and Wyoming, were in the groups with the highest use of tobacco for the three age groups: 12 to 17, 18 to 25, and 26 or older. In the lowest fifth for those age groups, only four States were common to all three: Utah, Hawaii, California, and New York.

Because the youngest age group represents youths just beginning to experiment with tobacco, State rankings for youths are more subject to change than is the case with older age groups. Between 1999-2000 and 2000-2001, the only significant changes in State prevalence rates occurred among youths age 12 to 17. In Arkansas, the prevalence rate *dropped* from 23.4 percent in 1999-2000 to 18.2 percent in 2000-2001; in Mississippi, the rate *decreased* from 19.6 to 16.5 percent; and in Oregon the rate *decreased* from 17.5 to 13.5 percent (Table A.10).

4.2. Cigarettes

For cigarettes, many States with high past month prevalence rates were the same as those that displayed high rates for past month tobacco use. For example, in 2000-2001 for persons age 12 or older, six of the States that ranked in the highest fifth for past month cigarette use also ranked in the highest fifth for tobacco use (Figures 4.1 and 4.5; Tables B.10 and B.11).

For youths age 12 to 17, only three States that fell into the highest fifth for past month cigarette use (Kentucky, West Virginia, and Tennessee) also were in the highest group for all those age 12 or older (Figures 4.5 and 4.6; Table B.11). Similarly, six other States with the lowest rates of use by youths age 12 to 17 also were in the lowest group for all persons age 12 or older.

In Kentucky among persons age 12 or older, 38.7 percent reported using tobacco in the past month, but only 32.5 percent reported using cigarettes, indicating that about 6.2 percent used a tobacco product other than cigarettes (such as smokeless tobacco, cigars, and pipe tobacco). In Kentucky, 25.5 percent of those age 12 to 17 reported using tobacco in the past month, but only 22.2 percent reported using cigarettes in the same period.

The States comprising the top fifth for past month cigarette use among persons age 12 or older remained fairly constant from 1999-2000 to 2000-2001. Nine States were common to the top fifth for both years: Kentucky, Louisiana, West Virginia, Ohio, Nevada, Tennessee, Arkansas, Missouri, and North Carolina. Three States had significant *decreases* among youths age 12 to 17 in that period: Arkansas (from 18.6 to 14.6 percent), Oregon (from 15.0 to 11.8 percent), and Pennsylvania (from 16.4 to 14.8 percent). Only one State had a significant *increase*: in Rhode Island the prevalence rate *increased* for the 18 to 25 age group from 37.3 to 42.7 percent (Table A.11).

4.3. Perceptions of Risk of Heavy Cigarette Use

States with high prevalence rates for cigarettes often reported low rates of perceived risk for heavy cigarette use. For those age 12 or older, six of the States ranked in the lowest fifth for perceptions of great risk of smoking one or more packs of cigarettes a day also were ranked in the highest fifth for past month cigarette use: Kentucky, Louisiana, West Virginia, Ohio, Arkansas, and North Carolina (Figures 4.5 and 4.9; Tables B.11 and B.12). Similarly, of the 10 States with the highest rates of perceived risk of heavy smoking, 7 States fell into the lowest fifth for reported past month cigarette use.

The lowest rates of reported perceptions of risk were in the 12 to 17 and 18 to 25 age groups (Figures 4.10 and 4.11; Table B.12). The link between perceptions of risk and actual use of cigarettes was not as strong among youths age 12 to 17 as among persons age 12 or older. In the 12 to 17 age group, only 4 States (out of 10) with low perceived (great) risk of smoking one or more packs of cigarettes a day also were ranked in the highest fifth for past month cigarette use (Figures 4.6 and 4.10; Tables B.11 and B.12). On the other hand, 7 States out of 10 having the highest rates of perceived risk among youths also belonged to the lowest fifth among youths for past month use of cigarettes.

A number of States had larger percentages of the population age 12 or older reporting a great risk in smoking one or more packs of cigarettes a day in 2000-2001 than in 1999-2000 (at the 0.10 level or better). In all, there were 15 States with *increased* perceptions of risk of heavy smoking, including 4 States from the West, 4 from the Midwest, 3 from the Northeast, and 4 from the South (Table A.12). Four of the States with significant *increases* in perceived risk of heavy smoking were States that ranked in the top fifth for past month use of cigarettes: Kentucky, West Virginia, Ohio, and North Carolina.

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5. Substance Dependence, Abuse, and Treatment

In 2000 and 2001, a National Household Survey on Drug Abuse (NHSDA) respondent was defined as needing treatment if he or she met the criteria for dependence or abuse or received treatment at a specialty facility in the past year. The questions to measure dependence or abuse status are based on the criteria specified in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) (American Psychiatric Association [APA], 1994). Because of the changes between 1999 and 2000-2001 in the questions and definitions employed for determining dependence, abuse, and treatment need, it is not appropriate to compare the estimates in this report with estimates from 1999 or earlier. As with most other measures in this report, the NHSDA data from 2000 and 2001 have been combined to produce better estimates than are possible with just a single year's data. Because the 1999 data were based on different definitions, it is not possible to estimate a trend between 1999-2000 and 2000-2001.

An estimated 16.6 million Americans age 12 or older in 2001 were classified with dependence on or abuse of either alcohol or illicit drugs, a figure significantly higher than in 2000—about 14.5 million (Epstein, 2002; Office of Applied Studies [OAS], 2002c). Most of these persons (11.0 million) were dependent on or abused alcohol only. Another 2.4 million were dependent on or abused both alcohol and illicit drugs, while 3.2 million were dependent on or abused illicit drugs but not alcohol. Because these counts often translate into very low rates of dependence or abuse in the population, the rates and counts are associated with relatively large prediction intervals (PIs). For example, the State with one of the highest percentages of dependence on or abuse of illicit drugs (age 12 or older) was Nevada with 2.9 percent. However, the 95 percent PI is from 2.2 to 3.8 percent, and the lower limit falls more than halfway into the third quintile. Therefore, one should exercise caution in making decisions based solely on one of the dependence or abuse measures.

5.1. Alcohol Dependence or Abuse

Nationally, 5.9 percent of the population age 12 or older was classified with dependence on or abuse of alcohol in the past year (Epstein, 2002; OAS, 2002c). Persons age 18 to 25 had the highest rates of alcohol dependence or abuse (14.8 percent).

State estimates for 2000-2001 for persons age 12 or older ranged from 4.2 percent in North Carolina to 8.5 percent in North Dakota (Figure 5.1; Table B.13). States in the highest fifth tended to be mostly Western (Montana, New Mexico, Alaska, and Colorado) or Midwestern (North Dakota, Nebraska, and South Dakota). States in the lowest fifth were mostly in the South (North Carolina, South Carolina, Virginia, Georgia, Alabama, and Kentucky).

In the 12 to 17 age group, the estimated percentage of those identified as having an alcohol abuse or dependence problem ranged from 3.6 percent in Georgia to 9.7 percent in Montana (Figure 5.2; Table B.13). Among persons age 18 to 25, the lowest percentage was found in North Carolina (10.5 percent), and the highest State percentage was in North Dakota

(24.2 percent) (Figure 5.3; Table B.13). Four States were in the highest fifth for the 12 to 17, 18 to 25, and 26 or older age groups: North Dakota, Montana, Massachusetts, and Nebraska.

In 2001, the percentage of persons estimated to be dependent on alcohol in the past year was only about 40 percent of those who were determined to be dependent on or abusing alcohol in the past year. State estimates for alcohol dependence in 2000-2001 for persons age 12 or older fell into a narrow range from 2.1 percent in New Jersey to 3.4 percent in the District of Columbia (Figure 5.5; Table B.14). Only four of the States in the top fifth for dependence or abuse also could be found in the top fifth for just dependence: District of Columbia, New Mexico, South Dakota, and Alaska. A number of States that were not in the top fifth for alcohol dependence or abuse were in the top fifth for alcohol dependence: Louisiana, Mississippi, Oklahoma, California, Illinois, and Oregon. The highest rates for alcohol dependence occurred in the 18 to 25 age group, with Montana having the highest rate—7.9 percent (Figure 5.7; Table B.14).

5.2. Illicit Drug Dependence or Abuse

Nationally, in 2001 about 2.5 percent of persons age 12 or older were dependent on or had abused illicit drugs in the past year, close to half of the percentage of those who were dependent on or had abused alcohol (5.9 percent) (OAS, 2002c).

States with estimated rates in the highest fifth were mostly either in the West (Nevada, California, Washington, New Mexico, Colorado, and Oregon) or in the Northeast (Massachusetts, Connecticut, and Vermont) (Figure 5.9; Table B.15). Only three of the States in the highest fifth for past year illicit drug dependence or abuse also were in the top fifth for past year alcohol dependence or abuse: Massachusetts, New Mexico, and Colorado (Figures 5.1 and 5.9; Tables B.13 and B.15).

Rates were slightly higher in the 12 to 17 and 18 to 25 age groups than other age groups. For States in the top fifth for dependence on or abuse of illicit drugs in the past year among youths age 12 to 17, the rates ranged from 5.7 to 7.3 percent (Figure 5.10; Table B.15). For States in the top fifth for dependence on or abuse of illicit drugs among those age 18 to 25, the rates ranged from 7.2 to 8.4 percent (Figure 5.11; Table B.15). Three States were in the top fifth for three age groups (18 to 25, 26 or older, and 12 or older): Nevada, Connecticut, and Vermont.

The percentage of persons estimated to be dependent on illicit drugs in the past year was about 64 percent of those who were estimated to be dependent on or abused illicit drugs in the past year. State estimates for illicit drug dependence for persons age 12 or older ranged from 0.9 percent in North Dakota to 2.1 percent in California (Figure 5.13; Table B.16). The highest rates of illicit drug dependence were among persons age 18 to 25, with the highest rate in Vermont—6.3 percent (Figure 5.15; Table B.16).

There was some degree of relationship between high rates of past year illicit drug dependence or abuse and high rates of past year cocaine use for persons age 12 or older at the State level. Six States were ranked among the highest for both measures: Nevada, California, Massachusetts, Vermont, New Mexico, and Colorado (Figures 2.20 and 5.9; Tables B.6 and B.15).

5.3. Alcohol or Illicit Drug Dependence or Abuse

The national rate for past year dependence on or abuse of alcohol or illicit drugs among persons age 12 or older was about 7.3 percent, slightly higher than the rate for just alcohol dependence or abuse (5.9 percent) and less than 3 times larger than the rate for illicit drug dependence or abuse (2.5 percent) (OAS, 2002c).

When examining dependence on or abuse of alcohol or illicit drugs at the State level, the States with high rates for alcohol tended to dominate the top fifth for alcohol and illicit drugs combined because of the higher rates of dependence on and abuse of alcohol relative to illicit drugs (Figures 5.1, 5.9, and 5.17; Tables B.13, B.15, and B.17).

For those age 12 or older, the State percentages ranged from a low of 5.2 percent in North Carolina to a high of 9.3 percent in North Dakota for past year dependence on or abuse of illicit drugs or alcohol (Figure 5.17; Table B.17). Six out of ten States in the top fifth for dependence on or abuse of illicit drugs or alcohol also were in the top fifth for dependence on or abuse of alcohol alone.

The prevalence rate among persons age 18 to 25 was almost 3 times as high as that for all persons age 12 or older (Figures 5.17 and 5.19; Table B.17). North Dakota's rate of 27.1 percent was the highest among States for this age group. Many of the States in the top fifth both for ages 18 to 25 and for ages 12 to 17 were the same as those in the top fifth for all persons age 12 or older (Figures 5.17 to 5.19; Table B.17).

5.4. Illicit Drug Treatment Gap

The definition of a person needing treatment is that he or she meets the criteria for abuse of or dependence on illicit drugs according to the DSM-IV criteria or has received treatment in the past year. The illicit drug treatment gap is defined as the number of persons who needed treatment for use of illicit drugs but did not receive treatment in a specialty substance abuse treatment facility in the past year. It is important to note that the treatment gap was not calculated here by estimating one model for treatment need and another model for receipt of treatment, and then subtracting one from the other at the State level. The reason for this is that the percentage of persons receiving treatment is too small to estimate well. Instead, at the individual level, persons are designated as being in the treatment gap based on meeting the criteria for treatment need and whether they received treatment for abuse of, or dependence on, illicit drugs in the past year. In general, the definitions of dependence, abuse, or treatment for alcohol or illicit drugs contain components that often overlap one another, and a researcher may be tempted to subtract them at the State level to obtain some missing component. Each measure is based on a different model, and subtraction can lead to erroneous results, such as a "negative" component.

Given 2 years' data (2000-2001), the State estimates of the percentage treatment gap permit the sample State data to have a greater influence on the result than by using data only for the year 2000, especially for the States with small yearly samples of approximately 900 persons. This approach results in a wider range between the lowest and the highest rates for 2000-2001 (from 1.35 to 2.68 percent) compared with the range based on 2000 data alone (from 1.37 to 2.29 percent).

California had the highest percentage treatment gap in 2000-2001 at 2.7 percent of all persons age 12 or older (Figure 5.21; Table B.18). The other States in the top fifth were mainly in the West (Nevada, Colorado, and Washington) or in the Northeast (Massachusetts, Vermont, and Maine). California also had the largest number of persons age 12 or older in the treatment gap, approximately 708,000, or 15.6 percent of the total for the Nation.

Almost 60 percent of the total number of persons needing but not receiving treatment was in the age group from 12 to 25. However, that group accounts for only 23 percent of the total population age 12 or older. The percentage of the total treatment gap accounted for by persons age 12 to 25 at the State level ranged from 50 percent in the District of Columbia to 72 percent in Idaho.

The overall treatment gap increased from 1.7 percent in 2000 to 2.2 percent in 2001, a relative increase of 29 percent (OAS, 2002c). Although one cannot say very much about individual State changes in the treatment gap between 2000 and 2001 given the relatively small yearly sample sizes, it is useful to look at more general conclusions given the significant policy interest in this area. Because the State estimates for 2000-2001 combine the estimates across the 2 years, on average the increase in State estimates is from 1.7 to 1.95 percent $[(1.7 \text{ percent} + 2.2 \text{ percent}) / 2]$, dampening the size of the true national change. The manner in which the estimates are calculated based on 2 years' data (2000-2001) leads to only half of the (true) 0.5 percent increase in the percentage treatment gap between 2000 and 2001.

Even with only half of the national increase, the State estimates for 2000-2001 are such that 42 of the 51 States and the District of Columbia had increases from their corresponding estimates for 2000 (based on the single year of data). Most of these individual State increases are not statistically significant because the percentage increases are so small. On average, however, the States comprising the lowest two quintiles in 2000 (the first and second quintiles) showed *average* increases that were less than the national average (0.10 and 0.16 percent, respectively, vs. 0.25 percent for the national average). In the lowest fifth, about half of the States had "increases" while the others had "decreases." In the middle fifth (the third quintile), the estimated average increase was 0.24 percent (almost identical to the "national" increase of 0.25 percent), and all States in that group had higher estimates for 2000-2001 than for 2000.

The largest percentage increase in the treatment gap was among States in the next-to-highest fifth (fourth quintile) where the average increase was 0.39 percent; all States in that group had higher estimates in 2000-2001 than in 2000. In the top fifth, 8 out of 10 States had higher estimates in 2000-2001. The average increase was only 0.23 percent, due partly to the effect of the national model that generally acts to shrink the direct sample-based State estimates that are higher than the national average back toward the estimate based on the national model. This effect of the model on the 2000-2001 State estimates is really quite small. The average difference in the top fifth between the average of the hierarchical Bayes estimates (2.31 percent) and the design-based estimate, the simple-weighted average across the 2 years (2.44 percent), was -0.13 percent, which was only about 5 percent lower in a relative sense than the average percentage estimate for that group.

Therefore, along with the national increase in the percentage treatment gap between 2000 and 2001, it can be inferred that most States shared in that increase. That is, States in the two

lowest fifths in 2000 had increases that were on average lower than the national average, States in the middle fifth had increases that were similar to the national average increase, and most States in the highest two fifths displayed increases that were greater than the national average.

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6. Serious Mental Illness

Serious mental illness (SMI) was first measured by the National Household Survey on Drug Abuse (NHSDA) in 2001 for all persons age 18 or older. SMI was present in 7.3 percent of the population age 18 or older (Office of Applied Studies [OAS], 2002c). At the individual level, SMI has been associated with use of illicit drugs and smoking cigarettes. Rates of SMI also have been associated with other characteristics, such as educational status, unemployment, and urbanicity (OAS, 2002c). Because the State estimates for SMI are only based on a single year of NHSDA data, the national model has a larger impact on State sample-based estimates that are either very high or very low relative to other States, especially for States based on samples of 600 persons or fewer.

Estimates of SMI were compared with estimates of various substance measures to determine the degree of correlation with those measures. Although SMI is somewhat correlated at the individual level with past month use of an illicit drug, the correlation at the State level was fairly small and negative (-0.18). The highest correlation at the State level was between SMI and past month use of cigarettes, 0.31. This finding is consistent with literature that shows a high correlation at the individual level between smoking cigarettes and SMI (Arday et al., 1995; Kessler et al., 2003; Romans, McNoe, Herbison, Walton, & Mullen, 1993; Woolf, Rothemich, Johnson, & Marsland, 1999). The State-level correlations between SMI and dependence on or abuse of drugs or need for treatment were generally quite low. The highest correlation between SMI and demographic information at the State level was with the 1999 per capita income obtained from the Bureau of Health Professions' 2002 Area Resource File, where the correlation was -0.53: the lower the income, the higher the percentage with SMI.

The States with the highest SMI for persons age 18 or older in 2001 were mostly in the South: Oklahoma, Kentucky, Georgia, West Virginia, Arkansas, and Louisiana (Figure 6.1; Table B.20). There also were three Western States (Utah, Washington, and Arizona) and one Midwestern State (Minnesota). States with the lowest SMI percentages included one Western State (Hawaii), three Northeastern States (Connecticut, New Jersey, and New Hampshire), three Southern States (Delaware, Maryland, and Florida), and three Midwestern States (Indiana, Iowa, and Illinois). Oklahoma had the highest rate (10.4 percent), and Hawaii had the lowest rate (5.1 percent).

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7. Discussion

The 2001 National Household Survey on Drug Abuse (NHSDA) represents the first year for which the sample sizes have been sufficiently large to estimate change in substance use among States based on the difference of two moving averages. Estimates from the 2000 NHSDA State small area estimation (SAE) report (Wright, 2002a, 2002b) established the utility of combining 2 years' data in order to better reflect the true variation among States. Estimates of change for this 2001 SAE report are based on modeling the difference between the averages for 2000-2001 and 1999-2000.

In addition to the new capability of measuring change, the survey provided estimates of serious mental illness (SMI) for the first time in 2001. That information provides the first picture of the distribution of SMI among the States.

7.1. Change in State Estimates

Change in substance use among States between 1999-2000 and 2000-2001 was estimated for 12 measures ranging from ones with low prevalence rates, such as cocaine use in the past year, to those with relatively high rates, such as past month use of alcohol. Because the size of the change is typically small, the focus has been on tests that indicate whether the change is significantly different from zero. The estimates of change considered in this report are differences in the prevalence estimates for 1999-2000 and 2000-2001. Results are presented when these differences are significant at the 0.05 or 0.10 significance level. However, the prediction intervals (PIs) are generally wide, and one should only characterize the change as being positive or negative. Regarding these significance levels, it is noted in Section 7.4 that the *p* values presented in the Appendix A tables are somewhat conservative (i.e., too large) because the associated correlation between the two overlapping prevalences was underestimated. A more precise significance level calculation presented in Appendix E yielded *p* values that were reduced by a multiple that ranged from 0.94 to 0.79 depending on the substance measure.

The estimated change between 1999-2000 and 2000-2001 is probably best interpreted as the average yearly change between 1999 and 2001 (see Appendix E for more details). The size of the change that was statistically detectable depended on a number of factors, including the level of the State prevalence rate, the size of the State sample, the fit of the national model, and the magnitude of the change itself. For past year cocaine use among persons age 12 or older, where the national prevalence rate was only about 1.5 percent in 2001 (Office of Applied Studies [OAS], 2002d), none of the State differences was statistically detectable, in part because the largest change was only 0.6 percent. In the same age group, for past month use of an illicit drug (6.3 percent in 2000), changes were detectable that were approximately 1.5 percent or larger for the States with annual samples of 900, and about 1.0 percent or larger for the States with large annual samples of about 3,600. For past month use of alcohol, a measure for which the national average among persons age 12 or older was close to 50.0 percent, changes of about 4.0 to 5.0 percent or larger were detectable. This is due in part to the fact that the variance of a percentage reaches its maximum at 50 percent.

The estimates for substance use among States for 2000-2001 were similar to those for 1999-2000. In general, the correlation between the two sets of estimates was quite high, about 0.80 or higher for each of the component age groups, and for all persons age 12 or older, except for past year use of cocaine and past year use of any illicit drug other than marijuana (26 or older). State rankings remained fairly constant over the period even though a number of States experienced statistically significant changes.

Most of the State-level changes for a specific measure mirrored the corresponding direction of the national trend for that measure. Occasionally, there were individual States that "bucked" the national trend.

Six States had significant *increases* of current use of illicit drugs among those age 12 or older. Three of those States ranked in the top fifth (i.e., had the highest rates) of illicit drug use (Maine, New Hampshire, and Vermont), two States were in the second highest fifth, and the other State fell into the middle fifth. Similarly, eight States recorded significant *increases* in current marijuana use among persons age 12 or older. Five of those States were among the top two fifths in current marijuana use. Delaware, a top fifth State for past month marijuana use among youths age 12 to 17 in 1999-2000, had the only significant *decrease* in that age group (also the only significant decrease in any of the age groups). Both Illinois and Vermont had significant *increases* between 1999-2000 and 2000-2001 in the incidence of marijuana use among persons age 12 or older, from 1.6 to 1.8 percent for Illinois and from 2.3 to 2.7 percent for Vermont, foreshadowing possible future increases in the prevalence rates for marijuana (Table A.4).

Although a number of States showed significant *decreases* in perceived risks of monthly use of marijuana (consistent with the increase at the national level), among those age 12 or older, only Alaska had a significant *increase* in perceived risk. The relationship between perceived risks of a substance and its actual use are negatively correlated at the person level; however, at the State level, changes in actual use were not as sensitive to changes in perceptions of risk. For example, Alaska's perceived risk of monthly marijuana use among persons age 12 or older increased during the period, and its actual use in that age group was slightly higher as well, though not statistically significant. Similarly, five States had significant decreases in perceived risk of monthly marijuana use, but only New York reported a significant increase in past month marijuana use in the same age group.

Given the small prevalence rate for past year use of cocaine and the size of the sample, it is no surprise that there were no significant changes among persons age 12 or older. Across all of the age groups, only Hawaii showed a significant change—a *decline* from 1.5 to 0.8 percent in the 26 or older age group. Hawaii had ranked in the highest fifth in 1999-2000 among persons age 26 or older, but fell to the lowest fifth in this age group for 2000-2001 (Table A.6).

Consistent with the national increase in current use of alcohol, nine States had significant *increases* between 1999-2000 and 2000-2001 among persons age 12 or older. Four of those States (Vermont, Connecticut, Minnesota, and Rhode Island) were ranked in the top fifth both in 1999-2000 and 2000-2001. Only Alaska, which ranked in the next to highest fifth in 1999-2000, showed a *decrease* among persons age 12 or older (from 52.9 to 49.4 percent) (Table A.7).

Recent use of tobacco and cigarettes at the national level among persons age 12 or older was reasonably flat between 1999 and 2001. Only four States reported any significant changes between 1999-2000 and 2000-2001 in past month use of cigarettes. Three States reported *decreases* in the 12 to 17 age group: Arkansas (from 18.6 to 14.6 percent), Oregon (from 15.0 to 11.8 percent), and Pennsylvania (from 16.4 to 14.8 percent). Rhode Island reported the only *increase* in current use of cigarettes—from 37.3 to 42.7 percent among persons age 18 to 25. Arkansas had ranked in the top fifth of States for youths age 12 to 17 in 1999-2000, but ranked in the middle fifth in 2000-2001 (Table A.11).

Perceptions of the risk of heavy smoking at the national level increased between 1999 and 2001 among persons age 12 or older and in each of the component age groups. Reflecting this trend, 15 States also had significant *increases* in perceived risk among persons age 12 or older during that period. Interestingly, none of these States indicated any significant *decreases* in current use of cigarettes, nor did any of the States that had significant changes in current use of cigarettes show correspondingly significant changes in perceptions of the risk of heavy smoking. Year-to-year changes in perceptions of risk of using a substance at the State level are not necessarily associated with corresponding changes in the actual use of a substance.

7.2. Characteristics of Prevalence Levels among States

State estimates of the prevalence of substance use can provide, among other things, information on the geographic clustering of these problems. Many factors can influence the nature of State and local prevalence rates, including local culture and social norms, State and local policies, and the sources, supply, and marketing of drugs. The findings in this report reveal varying degrees of clustering of substance use depending on the substance.

States with the highest prevalence of illicit drug use include five Northeastern States, four Western States, and one Southern State (Figure 2.1; Table B.1). By contrast, there was greater State clustering associated with alcohol and tobacco use. The highest rates of both binge alcohol use and general alcohol use were found in Northern States. The highest rates of past month cigarette and tobacco use were in the South.

Substance use literature has documented the inverse relationship between the perceptions of risk in using a substance and the actual use of the substance at the individual level (e.g., Bachman et al., 1998). The lower the perception that use involves risk, the higher the probability of use. This relationship at the individual level is reflected to varying degrees in correlations at the State level. Binge alcohol use provides an example of a "weak" relationship at the State level. Five out of ten States with the lowest percentages of perceived risk of binge drinking reported the highest levels of binge alcohol use (Figures 3.5 and 3.9; Tables B.8 and B.9). A similar relationship occurred between past month binge use of alcohol and past month use of alcohol in general, with five of the States that ranked highest in past month binge alcohol use also ranking highest in past month alcohol use (Figures 3.1 and 3.5; Tables B.7 and B.8).

A slightly stronger relationship with respect to the perception of risk and prevalence of use was found with cigarettes. Six States that had high rates of cigarette use also had the lowest rates of perceived risk of heavy use of cigarettes (Figures 4.5 and 4.9; Tables B.11 and B.12). The strongest relationship was found between perceived risk of occasional use of marijuana and

past month use of marijuana. Nine of the States with the lowest perceived risk of occasional marijuana use also had the highest rates of past month use of marijuana (Figures 2.5 and 2.9; Tables B.2 and B.3).

Because marijuana is the most commonly used illicit drug, most of the States with the highest rates of illicit drug use also were the States with the highest rates of past month marijuana use (Figures 2.1 and 2.5; Tables B.1 and B.2). States where the rate of first-time use of marijuana was high also tended to be States with the highest rates of past month marijuana use although the correlation was somewhat less than one might expect (Figures 2.5 and 2.13; Tables B.2 and B.4). Of the 10 States in the top fifth with respect to past month use of an illicit drug, 6 were in the top fifth for past month use of an illicit drug other than marijuana (Figures 2.1 and 2.16; Tables B.1 and B.5). Seven of the States with the highest levels of past month use of illicit drugs other than marijuana also had the highest rates of past year use of cocaine (Figures 2.16 and 2.20; Tables B.5 and B.6). In general, a State that had a high level of use of one substance also tended to have high levels of use of related substances.

States that ranked high for substance use by all persons age 12 years or older also ranked high in use of substances by the population age 26 or older. This relationship derives from the fact that the latter group represents 77 percent of the total population 12 years old or older. Although the 26 or older population often drove the prevalence rates in the 12 or older population in a State, rates among the 12 to 17 and 18 to 25 age groups may not have followed suit. For example, California displayed a high rate for past month illicit drug use among all persons age 12 or older, but the rates in the 12 to 17 and 18 to 25 age groups were similar to the national average (Figures 2.1 to 2.3; Table B.1). On the other hand, Massachusetts, Vermont, Colorado, and Rhode Island had high rates of use of any illicit drug among all three age groups.

Another possible inference that can be made by comparing the States that displayed the highest rates of substance use among youths age 12 to 17 from 1 year to the next with the States having high rates in the 26 or older age group is that the behavior of the former group is more susceptible to change. The younger age groups represent ages of initiation and experimentation and groups that are probably more susceptible to influence and change; older persons' drug behavior is more established, with most former substance users having stopped.

With 2 years' data using the same definitions of dependence and abuse for six prevalence measures, the range of prevalence rates between the State with the lowest rate and the State with the highest rate is generally larger than it was with only a single year's data. This is in part a result of having sample sizes approximately twice as large so that the States' sample data carry more weight relative to the national model than they did with a single year's data. In 2000, the weight of the national model tended to pull down the States with high sample-based estimates. In 2000-2001, the sample-based estimates are relatively more precise and have been given more weight in the composite estimator. Except for dependence or abuse of any illicit drug, for which the range remained the same, the range of the other measures increased anywhere from approximately 20 to 50 percent, usually at the top of the range. The higher ranges also are the result of increased prevalence rates between 2000 and 2001 for some of the measures.

From 2000 to 2001, the national percentage of those with dependence or abuse increased for both illicit drugs and alcohol (OAS, 2001b, 2002c). The relationship between past month use

of alcohol or past month binge use of alcohol to past year alcohol dependence or abuse was not particularly strong due in part to the widely different prevalence levels of the measures. For example, among the States with the highest rates of current alcohol use for those age 12 or older (States ranged from about 55.1 to 61.6 percent), only four States fell into the highest fifth for past year dependence on or abuse of alcohol (rates ranged from 6.8 to 8.5 percent). Even with respect to the smaller percentage of past month binge use of alcohol, only 5 States in the top 10 for binge alcohol use also were present in the top fifth for alcohol dependence or abuse in the past year (Figures 3.1, 3.5, and 5.1; Tables B.7, B.8, and B.13).

Only four States ranked in the top fifth for past year alcohol dependence or abuse also were ranked in the top fifth for past year alcohol dependence: the District of Columbia, New Mexico, South Dakota, and Alaska. For the States in the top fifth for past year alcohol dependence, the percentage of persons age 12 or older who met the criteria for dependence comprised anywhere from 38 to 49 percent of those meeting the criteria for both past year dependence or abuse. Although the top States for current use or binge alcohol use were primarily States from the northern parts of the United States, the top States for past year alcohol dependence included more Southern, Western, and Midwestern States: the District of Columbia, Louisiana, Mississippi, Oklahoma, Illinois, South Dakota, New Mexico, California, Oregon, and Alaska (Figures 3.1, 3.5, 5.1, and 5.5; Tables B.7, B.8, B.13, and B.14).

Generally, States with high prevalence rates for alcohol dependence or abuse were *not* the same States that had high prevalence rates for illicit drug dependence or abuse. Only three of the States in the top fifth with the highest rates of alcohol dependence or abuse (Massachusetts, New Mexico, and Colorado) also were in the group of States with the highest levels of illicit drug dependence or abuse (Figures 5.1 and 5.9; Tables B.13 and B.15). Most of the States with the highest levels of illicit drug dependence or abuse were in the West: Nevada, California, Washington, New Mexico, Colorado, and Oregon. The top fifth also included one State from the South, Louisiana, and three from the Northeast: Massachusetts, Connecticut, and Vermont. Only two States were in the top fifth for all three age groups: Nevada and Connecticut.

There was some degree of relationship between high rates of past year illicit drug dependence or abuse and high rates of past year cocaine use at the State level. Six States were ranked among the highest for both measures: Colorado, New Mexico, Massachusetts, Nevada, Vermont, and California (Figures 2.20 and 5.9; Tables B.6 and B.15).

Not only did geographic clustering of States occur among those with high prevalence rates, but similar clustering also was evident among the States with the lowest rates. For example, nine Southern States were in the lowest fifth for past month use of alcohol (Figure 3.1; Table B.7), eight Southern States were in the lowest fifth for past month binge use of alcohol (Figure 3.5; Table B.8), and seven Southern States were among those indicating a high risk of binge drinking (population age 12 years or older) (Figure 3.9; Table B.9). By contrast, only one Southern State was in the top fifth for current use of alcohol, and no Southern State appeared in the set of States with either the highest rates of binge alcohol use or the lowest rates for perceived risk of binge drinking. Similarly, 10 Southern States comprised the category of States with the highest perceived risk of using marijuana occasionally, but only Delaware was in the group of States with the lowest perceived risk of marijuana (Figure 2.9; Table B.3). Also, six Midwestern States were among those indicating the lowest rates of past year dependence on any

illicit drug; however, no Midwestern State was among those with the highest rates of illicit drug dependence (Figure 5.13; Table B.16).

The estimates of the percentage treatment gap for 2000-2001 displayed a larger range of percentages, especially among States with the highest percentages. Part of the reason for this was the increase in the percentage treatment gap at the national level from 1.7 percent in 2000 to 2.2 percent in 2001 (OAS, 2002c). The other part is due to the nature of the estimation process that gives relatively more weight to the sample data for 2000-2001 relative to 2000 because there are 2 years of data instead of 1. The precision of the estimates as indicated by the smaller PIs also has improved. California had the largest percentage treatment gap in 2000-2001, and the other States in the top fifth were mostly from the West or Northeast (Figure 5.21; Table B.18). Along with the national increase in the percentage treatment gap between 2000 and 2001, it can be inferred that most States shared in that increase. States in the two lowest fifths in 2000 had increases that were on average lower than the national average, States in the middle fifth had increases that were similar to the national average increase, and most States in the highest two fifths displayed increases that were greater than the national average.

7.3. Serious Mental Illness

The 2001 NHSDA was the first in which the survey was capable of providing estimates of SMI for all persons age 18 or older. States with the lowest rates of SMI were a mixture of one Western State, three from the Northeast, three from the South, and three from the Midwest (Figure 6.1; Table B.20). The State with the lowest rate was Hawaii (5.1 percent). States in the highest fifth seemed more clustered geographically with six Southern States, three Western States, and one State from the Midwest. Oklahoma, the State with the highest rate of SMI, had a rate that was double that of Hawaii. Estimates of SMI among the States with larger samples fell into a narrower range: from Florida at 6.8 percent to Michigan with 8.2 percent. Persons age 18 to 25 had higher rates of SMI than did the 26 or older age group. In the 18 to 25 age group, California had the lowest rate (9.7 percent) and Maine had the highest rate (14.4 percent).

Although SMI is somewhat correlated at the individual level with past month use of an illicit drug, the correlation at the State level was fairly low and negative (-0.18). The highest correlation at the State level was between SMI and past month use of cigarettes, 0.31. This result is supported somewhat by substance use literature that shows a relationship between SMI and past month use of cigarettes at the individual level (Arday et al., 1995; Kessler et al., 2003; Romans et al., 1993; Woolf et al., 1999). The correlations with dependence on or abuse of drugs or the need for treatment were generally quite low. The highest correlation with demographic information was with the 1999 per capita income obtained from the Bureau of Health Professions' 2002 Area Resource File, where the correlation was -0.53: the lower the income, the higher the percentage with SMI.

In general, the State estimates derived from the NHSDA data correlated only moderately, 0.259, with the synthetic State estimates generated from the Epidemiologic Catchment Area (ECA) study and the National Comorbidity Study (NCS) and published in the *Federal Register* by the Center for Mental Health Services (CMHS, 1999). The data used from the ECA were limited to Baltimore and were collected during the 1980s. The NCS data were from a national probability sample of approximately 8,000 households and included data for only 34 States. The

method used was essentially based on synthetic estimation in which the NCS data were used to make estimates for persons 15 to 54 years old, and the ECA data were used to make estimates for persons age 55 or older. The estimation used a fixed-effect logistic regression model based on data at either the county or Census tract level consisting of demographic information, such as age, race/ethnicity, and gender. By contrast, the State-level SMI estimates in this report are based on representative State samples of about 2,400 persons for the eight largest States and 600 persons for the 42 smaller States and the District of Columbia surveyed throughout the 2001 calendar year. The NHSDA model includes random effects at the State and field interview region group levels in order to reflect differences among States and region groups that are not captured by the fixed-effect national model.

7.4. Validation

It is difficult to find other data to validate the State-level estimates discussed in this report and presented in the tables. In the past, national estimates from the NHSDA have been compared with estimates from the Behavioral Risk Factor Surveillance System (BRFSS) and the Youth Risk Behavior Survey (YRBS) sponsored by the Centers for Disease Control and Prevention (CDC, 2003a, 2003b). However, these CDC surveys (a) did not focus extensively on substance use, (b) employed different data collection methods, (c) did not cover all of the States on an annual basis, and (d) had varying degrees in potential response and nonresponse bias. It is, therefore, difficult to know how much confidence should be placed in comparisons of results.

Although external validation of NHSDA findings is problematic, internal validation of the States can be useful. Because the State prevalence levels for 2000-2001 are estimated in the same manner as they were for 1999-2000, the procedure for, and results of, that validation are first summarized here from last year's report (for details, see Volume II, Section B.4.2 in Appendix B, in the 2000 State report [Wright, 2002b]). Subsequently, the process for validating the estimates of *change* between 1999-2000 and 2000-2001 are presented, as well as the results of that analysis.

To validate the modeling process for estimating the State prevalence levels for 1999-2000, data from 1999 and 2000 were combined for each of the eight largest States, resulting in sample sizes of about 7,200 per State. Given the large sample sizes and the precision of estimates based on samples of this size, the sample estimates for each of the eight States were considered to be the true values. Replicating the sample design and model estimation procedures used in producing small area estimates for the 42 States and the District of Columbia (based on pooled samples of about 1,800 persons age 12 or older), each of the eight large States was divided into four "pseudo" substates. Estimates then were produced for four substance measures and three age groups for each of the four "pseudo" States (see Tables E.13 to E.16 in Appendix E in Volume II). Comparing the results with the true values in each of the eight States, the State model estimates (for all persons age 12 or older) were very close to the true values (i.e., the bias as a percentage of the estimated prevalence rate was very small):

- past month use of marijuana, 4.07 percent;
- past year use of cocaine, 7.88 percent;

- past month binge alcohol use, 0.98 percent; and
- past month use of cigarettes, 1.22 percent.

For example, if the true value of past month use of marijuana for persons age 12 or older in a State with a pooled sample of about 1,800 persons was 5 percent, the small area estimate would, on average, fall within 0.2 percent ($4.07 \text{ percent} \times 5 \text{ percent}$) of the true value. In addition, the range within which the true value will lie 95 percent of the time (referred to as the 95 percent prediction interval [PI]) was much smaller than the corresponding estimate based solely on the sample: 25 to 35 percent shorter, depending on the substance (Table E.17). Taking both the model bias and the range of estimates into account, the total relative standard error was quite small—much smaller than could be obtained using just the sample.

The validation process for measuring change was similar to that for measuring prevalence levels and is described in more detail in Volume II, Appendix E, of this report. The change measure is defined as the odds ratio $\{P2 / (1-P2)\} / \{P1 / (1-P1)\}$, where P1 is the pooled 1999-2000 small area estimate and P2 is the pooled 2000-2001 small area estimate.

The results of the validation study indicate that the relative absolute bias of change between 1999-2000 and 2000-2001 was fairly small (see Tables E.9 to E.12 in Appendix E, Volume II), but somewhat larger than it was for the estimates of the 2000-2001 prevalence levels. For the population age 12 or older, the average relative absolute bias of change is as follows:

- past month use of marijuana, 4.26 percent;
- past year use of cocaine, 12.71 percent;
- past month use of alcohol, 3.28 percent; and
- past month use of cigarettes, 1.42 percent.

Generally speaking, the model-based estimates tend toward a conservative underestimate of change. That is, the true change for the above four substance measures, whether an increase or a decrease, tends to be larger than the model-based estimate. Because the validation is focused on the States that have sample sizes of approximately 1,800 persons, the expectation is that estimates for the eight large States, where the sample sizes are approximately 7,200 (for pooled data across 2 years), would be closer to their true values than is indicated for the four substance measures presented above.

The *p* values presented in Appendix A's tables are somewhat conservative because the model-based approximation of the correlation between 1999-2000 and 2000-2001 that was used in those tables underestimates this quantity. In a separate analysis, the size of the underestimate has been estimated for the above four substance measures (see Tables E.5 to E.8) using an alternative estimator that is more precise. (For more details on the reestimation of the correlation, see Volume II, Appendix E.) The underestimate appears to be more prominent for the measures with higher prevalence rates, including past month use of marijuana, past month use of alcohol, and past month use of cigarettes. The ratios of the average reestimated *p* values to the average

original p values for the 12 or older population are 0.79 for past month use of alcohol, 0.81 for past month use of cigarettes, 0.84 for past month use of marijuana, and 0.94 for past year use of cocaine. Table E.3 presents the ratios of the average width of the model-based PIs based on the reestimated year-to-year correlations relative to the average width of the design-based confidence intervals of change for the substate areas for the four validation substance measures. Based on the reestimated correlations, the true ratios of the model-based interval widths to the design-based interval widths range from 0.60 to 0.77 for the 12 or older population, somewhat lower for the low prevalence measures, cocaine and marijuana, than for alcohol and cigarettes. These ratios imply that, for small States, the model-based estimates result in gains in precision over the usual direct sample-based estimates that are equivalent to sample sizes that are approximately 1.7 ($1/.77^2$) to 2.8 ($1/.60^2$) times as large as the actual sample sizes, depending on the substance.

However, the model may not be able to adequately adjust for differential nonresponse and bias effects at the State level. There were considerable differences in the response rates between States with the lowest and highest rates. In 1999, for example, Massachusetts had the lowest response rate at 49.8 percent and Mississippi had the highest rate at 78.2 percent. In 2000, the range of response rates was somewhat smaller with the Illinois rate at 58.2 percent and the Kentucky rate at 80.6 percent. In 2001, the overall response rates at the State level ranged between 55.3 percent for Illinois and 78.5 percent for New Mexico. If there were bias resulting from nonresponse that varied in relation to the rates, it would raise questions about comparisons among States. (See Volume II, Tables E.18 to E.20 in Appendix E, for interview response rates by State in 1999, 2000, and 2001.)

There was, in fact, some suggestion that the State nonresponse rates and the prevalence levels of substance use were somehow related. Averaging State response rates for the 1999 NHSDA and the 2000 NHSDA and comparing the result with the rate of past month marijuana use by persons 12 years or older (using the pooled 1999-2000 data) revealed a -0.42 correlation, suggesting that lower State response rates may be associated with higher State marijuana prevalence rates. This result is not sufficient to conclude there was in fact nonresponse bias. For such bias to exist after nonresponse adjustments have been made requires that the true probabilities for persons to respond to the survey still depend to some degree on whether they have used a substance or not.

Research has shown that the more socially unacceptable the substance, the greater the tendency to not report its use (Harrison, 1997). Therefore, one might anticipate very little underreporting if the question asked whether the respondent had ever used marijuana during his or her lifetime, but more extensive underreporting if asked about past month use of heroin. Some of the uncertainty about the extent and nature of the underreporting is being addressed by a validity study using hair and urine samples provided by respondents in the NHSDA.

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**Appendix A: Tables of Change Between the
1999-2000 and the 2000-2001 Model-Based
Estimates (50 States and the District of
Columbia), by Substance**

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Table A.1 Percentages Reporting Past Month Use of *Any Illicit Drug*, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|--------------------|-----------|----------------|--------------------|-----------|----------------|-------------|-----------|----------------|-------------------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Total ¹ | 9.79 ^a | 10.32 | 0.023 | 16.01 ^a | 17.29 | 0.000 | 4.17 | 4.39 | 0.216 | 6.28 ^a | 6.69 | 0.006 |
| Alabama | 9.62 | 9.48 | 0.919 | 14.43 | 15.21 | 0.671 | 3.29 | 3.69 | 0.546 | 5.38 | 5.77 | 0.522 |
| Alaska | 10.67 | 11.81 | 0.417 | 19.90 | 21.94 | 0.348 | 6.26 | 6.04 | 0.837 | 8.80 | 9.22 | 0.627 |
| Arizona | 11.03 | 11.13 | 0.948 | 13.60 | 16.07 | 0.190 | 4.04 | 4.35 | 0.695 | 6.10 | 6.69 | 0.403 |
| Arkansas | 10.79 | 11.40 | 0.677 | 13.79 ^a | 18.27 | 0.009 | 3.31 | 4.08 | 0.245 | 5.44 ^a | 6.69 | 0.039 |
| California | 10.44 | 11.06 | 0.383 | 15.82 | 17.45 | 0.127 | 5.74 | 6.04 | 0.658 | 7.62 | 8.16 | 0.322 |
| Colorado | 12.96 | 13.50 | 0.751 | 23.91 | 25.42 | 0.557 | 5.71 | 5.79 | 0.944 | 8.86 | 9.24 | 0.686 |
| Connecticut | 12.56 | 13.23 | 0.684 | 19.34 | 23.09 | 0.132 | 4.91 | 4.61 | 0.739 | 7.26 | 7.50 | 0.782 |
| Delaware | 14.25 | 12.09 | 0.198 | 22.98 | 21.90 | 0.627 | 5.38 | 4.76 | 0.503 | 8.45 | 7.62 | 0.318 |
| District of Columbia | 9.39 | 10.36 | 0.515 | 16.87 | 19.21 | 0.255 | 5.02 | 6.07 | 0.316 | 7.05 | 8.12 | 0.238 |
| Florida | 8.99 | 9.87 | 0.293 | 15.30 | 15.98 | 0.528 | 4.31 | 4.21 | 0.852 | 5.92 | 6.03 | 0.811 |
| Georgia | 8.82 | 8.28 | 0.634 | 15.09 | 15.72 | 0.731 | 4.35 | 4.12 | 0.775 | 6.28 | 6.13 | 0.844 |
| Hawaii | 11.34 | 11.79 | 0.792 | 18.77 | 19.08 | 0.900 | 5.53 | 5.11 | 0.699 | 7.67 | 7.45 | 0.808 |
| Idaho | 7.96 | 8.04 | 0.949 | 13.08 | 13.37 | 0.856 | 3.35 | 3.23 | 0.853 | 5.37 | 5.36 | 0.973 |
| Illinois | 10.52 | 10.79 | 0.742 | 16.41 ^a | 18.88 | 0.033 | 3.94 | 4.65 | 0.195 | 6.27 ^b | 7.17 | 0.054 |
| Indiana | 9.40 | 9.03 | 0.769 | 15.76 | 14.02 | 0.339 | 3.75 | 3.17 | 0.398 | 5.93 | 5.23 | 0.265 |
| Iowa | 6.92 | 7.67 | 0.503 | 12.45 | 13.17 | 0.662 | 2.50 | 2.49 | 0.982 | 4.28 | 4.47 | 0.684 |
| Kansas | 9.20 | 11.17 | 0.175 | 14.22 | 17.10 | 0.149 | 2.90 | 3.30 | 0.514 | 5.12 | 6.08 | 0.111 |
| Kentucky | 10.05 | 11.86 | 0.207 | 16.19 | 18.16 | 0.287 | 3.54 | 4.01 | 0.522 | 5.87 | 6.67 | 0.220 |
| Louisiana | 10.18 | 10.22 | 0.976 | 15.04 | 16.61 | 0.404 | 3.67 | 4.10 | 0.529 | 6.09 | 6.66 | 0.368 |
| Maine | 11.69 | 13.98 | 0.154 | 22.77 | 26.44 | 0.130 | 3.95 | 4.99 | 0.221 | 6.88 ^a | 8.38 | 0.046 |
| Maryland | 10.44 | 10.69 | 0.867 | 15.37 | 17.42 | 0.307 | 3.63 | 3.93 | 0.669 | 5.69 | 6.20 | 0.430 |
| Massachusetts | 14.58 | 14.38 | 0.912 | 25.76 | 25.69 | 0.976 | 8.82 | 8.06 | 0.573 | 11.35 | 10.73 | 0.586 |
| Michigan | 10.60 ^b | 12.12 | 0.068 | 18.53 | 19.90 | 0.241 | 4.41 | 4.72 | 0.541 | 6.89 | 7.48 | 0.185 |
| Minnesota | 11.03 | 11.70 | 0.659 | 16.74 | 18.41 | 0.396 | 3.34 | 3.69 | 0.617 | 5.97 | 6.57 | 0.363 |
| Mississippi | 8.48 | 8.89 | 0.747 | 14.22 | 15.39 | 0.509 | 2.98 | 3.28 | 0.620 | 5.21 | 5.65 | 0.432 |
| Missouri | 8.23 | 9.94 | 0.190 | 15.53 | 15.07 | 0.808 | 3.13 | 3.47 | 0.573 | 5.27 | 5.67 | 0.479 |

See notes at end of table.

(continued)

Table A.1 Percentages Reporting Past Month Use of *Any Illicit Drug*, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|-------------------|-----------|----------------|--------------------|-----------|----------------|-------------|-----------|----------------|-------------------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Montana | 13.42 | 12.95 | 0.789 | 17.08 | 18.40 | 0.489 | 3.48 | 3.17 | 0.632 | 6.32 | 6.26 | 0.920 |
| Nebraska | 7.66 | 8.98 | 0.275 | 12.83 | 12.43 | 0.804 | 2.48 | 2.53 | 0.914 | 4.47 | 4.63 | 0.749 |
| Nevada | 11.80 | 12.00 | 0.904 | 16.95 | 17.60 | 0.764 | 5.55 | 5.04 | 0.590 | 7.49 | 7.27 | 0.792 |
| New Hampshire | 12.68 | 14.00 | 0.412 | 19.76 ^a | 25.47 | 0.016 | 3.73 | 4.58 | 0.278 | 6.55 ^a | 8.02 | 0.039 |
| New Jersey | 9.40 | 8.84 | 0.645 | 17.92 | 18.76 | 0.692 | 4.00 | 3.54 | 0.502 | 6.13 | 5.79 | 0.595 |
| New Mexico | 11.83 | 13.53 | 0.289 | 16.12 | 15.97 | 0.938 | 4.67 | 4.88 | 0.817 | 7.13 | 7.46 | 0.674 |
| New York | 8.77 | 9.57 | 0.330 | 17.07 ^b | 19.32 | 0.071 | 3.63 | 4.48 | 0.113 | 5.79 ^a | 6.79 | 0.028 |
| North Carolina | 9.64 | 9.97 | 0.791 | 16.83 | 18.47 | 0.405 | 4.70 | 5.94 | 0.188 | 6.68 | 7.89 | 0.137 |
| North Dakota | 8.75 | 8.60 | 0.907 | 11.35 | 12.12 | 0.634 | 2.11 | 1.88 | 0.573 | 4.19 | 4.11 | 0.846 |
| Ohio | 8.57 | 9.47 | 0.238 | 15.91 | 16.72 | 0.437 | 3.46 | 3.60 | 0.744 | 5.60 | 5.92 | 0.414 |
| Oklahoma | 8.69 | 9.88 | 0.420 | 11.34 | 13.41 | 0.215 | 3.32 | 3.29 | 0.963 | 4.99 | 5.40 | 0.526 |
| Oregon | 12.37 | 12.11 | 0.870 | 19.98 | 23.50 | 0.118 | 4.94 | 5.89 | 0.341 | 7.52 | 8.73 | 0.167 |
| Pennsylvania | 8.26 ^b | 9.68 | 0.053 | 15.39 | 16.63 | 0.249 | 4.13 | 3.86 | 0.593 | 5.85 | 5.93 | 0.857 |
| Rhode Island | 12.64 | 12.98 | 0.843 | 24.46 | 23.96 | 0.842 | 5.19 | 5.24 | 0.954 | 8.12 | 8.19 | 0.932 |
| South Carolina | 8.72 | 9.12 | 0.760 | 13.72 | 15.00 | 0.476 | 3.30 | 3.71 | 0.532 | 5.15 | 5.70 | 0.352 |
| South Dakota | 8.51 | 8.85 | 0.791 | 12.57 | 11.81 | 0.630 | 2.68 | 2.33 | 0.479 | 4.75 | 4.45 | 0.525 |
| Tennessee | 9.49 | 10.42 | 0.507 | 14.83 | 15.44 | 0.748 | 4.02 | 4.10 | 0.920 | 5.94 | 6.17 | 0.734 |
| Texas | 9.04 | 8.80 | 0.736 | 12.78 | 13.67 | 0.352 | 2.61 | 3.10 | 0.200 | 4.86 | 5.31 | 0.180 |
| Utah | 6.46 | 6.85 | 0.726 | 9.84 | 10.58 | 0.606 | 3.35 | 2.94 | 0.589 | 5.01 | 4.97 | 0.943 |
| Vermont | 13.61 | 15.99 | 0.165 | 26.98 ^b | 31.75 | 0.073 | 4.87 | 6.37 | 0.184 | 8.50 ^a | 10.50 | 0.037 |
| Virginia | 7.26 | 8.48 | 0.277 | 13.76 | 16.14 | 0.234 | 3.11 | 3.46 | 0.583 | 4.82 | 5.54 | 0.234 |
| Washington | 11.19 | 11.44 | 0.865 | 17.05 | 18.79 | 0.378 | 5.46 | 5.36 | 0.914 | 7.51 | 7.73 | 0.787 |
| West Virginia | 10.60 | 10.13 | 0.741 | 14.89 | 14.91 | 0.989 | 2.38 | 2.85 | 0.374 | 4.69 | 5.03 | 0.516 |
| Wisconsin | 10.63 | 10.08 | 0.667 | 18.19 | 16.84 | 0.479 | 4.12 | 3.91 | 0.762 | 6.68 | 6.30 | 0.549 |
| Wyoming | 9.07 | 10.01 | 0.488 | 15.41 | 15.79 | 0.834 | 3.24 | 3.04 | 0.736 | 5.67 | 5.70 | 0.962 |

NOTE: *p* value: Bayes posterior probability of no change.

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001

Table A.2 Percentages Reporting Past Month Use of *Marijuana*, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|--------------------|-----------|----------------|--------------------|-----------|----------------|-------------|-----------|----------------|-------------------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Total ¹ | 7.24 ^b | 7.64 | 0.063 | 13.69 ^a | 14.59 | 0.003 | 2.97 | 3.13 | 0.307 | 4.80 ^a | 5.09 | 0.023 |
| Alabama | 6.40 | 5.98 | 0.689 | 11.18 | 12.09 | 0.562 | 2.27 | 2.58 | 0.524 | 3.84 | 4.17 | 0.479 |
| Alaska | 8.65 | 9.88 | 0.343 | 17.35 | 19.06 | 0.405 | 3.76 | 4.04 | 0.713 | 6.35 | 7.09 | 0.281 |
| Arizona | 7.48 | 7.39 | 0.934 | 11.40 | 12.25 | 0.592 | 2.89 | 2.78 | 0.860 | 4.53 | 4.57 | 0.940 |
| Arkansas | 7.09 | 7.22 | 0.907 | 10.00 ^a | 14.50 | 0.004 | 2.43 | 3.03 | 0.270 | 3.89 ^a | 4.97 | 0.033 |
| California | 7.50 | 8.16 | 0.286 | 13.49 | 14.45 | 0.323 | 4.02 | 4.09 | 0.901 | 5.69 | 5.96 | 0.529 |
| Colorado | 10.80 | 10.96 | 0.919 | 20.49 | 21.32 | 0.701 | 5.21 | 4.49 | 0.433 | 7.80 | 7.43 | 0.647 |
| Connecticut | 9.99 | 10.76 | 0.598 | 17.05 | 20.73 | 0.127 | 3.57 | 3.68 | 0.884 | 5.70 | 6.26 | 0.419 |
| Delaware | 11.89 ^b | 9.56 | 0.099 | 20.81 | 19.22 | 0.466 | 4.48 | 3.92 | 0.481 | 7.24 | 6.38 | 0.234 |
| District of Columbia | 7.25 | 7.37 | 0.931 | 12.48 | 14.86 | 0.190 | 3.69 | 4.30 | 0.474 | 5.23 | 5.92 | 0.341 |
| Florida | 6.63 | 7.46 | 0.230 | 13.11 | 13.11 | 0.995 | 3.40 | 3.21 | 0.698 | 4.74 | 4.70 | 0.909 |
| Georgia | 5.89 | 5.41 | 0.579 | 12.01 | 13.02 | 0.530 | 2.91 | 3.00 | 0.888 | 4.45 | 4.61 | 0.776 |
| Hawaii | 8.72 | 9.32 | 0.701 | 14.35 | 15.11 | 0.731 | 4.48 | 3.95 | 0.610 | 6.07 | 5.82 | 0.784 |
| Idaho | 5.99 | 6.07 | 0.935 | 11.12 | 11.94 | 0.593 | 2.36 | 2.49 | 0.778 | 4.12 | 4.37 | 0.608 |
| Illinois | 8.13 | 8.27 | 0.847 | 14.25 ^a | 16.81 | 0.013 | 2.67 | 3.31 | 0.106 | 4.77 ^a | 5.60 | 0.018 |
| Indiana | 7.48 | 7.23 | 0.821 | 12.26 | 11.41 | 0.564 | 2.65 | 2.16 | 0.310 | 4.43 | 3.92 | 0.272 |
| Iowa | 4.94 | 5.44 | 0.593 | 9.43 | 11.57 | 0.150 | 1.34 | 1.79 | 0.218 | 2.79 ^b | 3.49 | 0.069 |
| Kansas | 6.82 | 8.01 | 0.297 | 12.00 | 14.39 | 0.156 | 1.74 | 2.38 | 0.141 | 3.68 ^a | 4.66 | 0.029 |
| Kentucky | 6.79 ^a | 8.99 | 0.050 | 12.71 | 14.10 | 0.390 | 2.41 | 2.85 | 0.389 | 4.21 | 4.96 | 0.125 |
| Louisiana | 6.07 | 5.81 | 0.784 | 11.19 | 11.41 | 0.885 | 1.89 | 1.98 | 0.835 | 3.74 | 3.82 | 0.844 |
| Maine | 9.25 | 11.12 | 0.179 | 20.31 | 23.53 | 0.160 | 3.42 | 4.20 | 0.284 | 5.95 ^b | 7.13 | 0.071 |
| Maryland | 8.25 | 7.79 | 0.709 | 13.23 | 14.39 | 0.493 | 2.66 | 2.83 | 0.773 | 4.46 | 4.69 | 0.655 |
| Massachusetts | 12.35 | 12.59 | 0.887 | 24.81 | 24.85 | 0.988 | 6.28 | 6.03 | 0.825 | 9.03 | 8.86 | 0.863 |
| Michigan | 7.94 ^b | 9.40 | 0.053 | 16.61 | 17.45 | 0.460 | 3.49 | 3.60 | 0.801 | 5.66 | 6.01 | 0.368 |
| Minnesota | 9.13 | 8.77 | 0.778 | 15.08 | 16.44 | 0.454 | 2.27 | 2.84 | 0.277 | 4.73 | 5.33 | 0.250 |
| Mississippi | 5.28 | 5.55 | 0.773 | 10.67 | 12.18 | 0.335 | 1.40 | 1.96 | 0.126 | 3.16 ^b | 3.83 | 0.083 |
| Missouri | 6.55 | 7.31 | 0.474 | 13.62 | 12.96 | 0.704 | 2.45 | 2.55 | 0.837 | 4.33 | 4.42 | 0.852 |

See notes at end of table.

(continued)

Table A.2 Percentages Reporting Past Month Use of Marijuana, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|-----------|-----------|---------|-----------|-----------|---------|-------------------|-----------|---------|-------------------|-----------|---------|
| | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value |
| Montana | 9.26 | 9.32 | 0.965 | 15.05 | 16.39 | 0.448 | 2.55 | 2.53 | 0.966 | 4.89 | 5.11 | 0.688 |
| Nebraska | 6.17 | 6.68 | 0.636 | 11.54 | 10.59 | 0.549 | 1.57 | 1.96 | 0.294 | 3.45 | 3.69 | 0.546 |
| Nevada | 9.54 | 9.32 | 0.878 | 13.73 | 14.16 | 0.823 | 3.54 | 3.23 | 0.633 | 5.31 | 5.17 | 0.812 |
| New Hampshire | 10.73 | 11.79 | 0.492 | 18.74 | 22.01 | 0.177 | 3.39 | 4.04 | 0.331 | 5.96 | 6.97 | 0.131 |
| New Jersey | 6.81 | 6.04 | 0.407 | 14.88 | 15.43 | 0.771 | 2.86 | 2.65 | 0.701 | 4.63 | 4.43 | 0.710 |
| New Mexico | 9.52 | 11.59 | 0.173 | 15.15 | 14.11 | 0.583 | 3.60 | 3.53 | 0.925 | 5.93 | 5.97 | 0.955 |
| New York | 6.83 | 7.42 | 0.410 | 15.79 | 17.46 | 0.137 | 2.42 ^b | 3.09 | 0.091 | 4.50 ^a | 5.27 | 0.031 |
| North Carolina | 6.51 | 6.67 | 0.875 | 14.35 | 15.80 | 0.387 | 3.98 | 4.11 | 0.872 | 5.50 | 5.80 | 0.667 |
| North Dakota | 6.80 | 6.36 | 0.693 | 10.16 | 10.34 | 0.898 | 1.27 | 1.48 | 0.511 | 3.17 | 3.31 | 0.705 |
| Ohio | 6.44 | 6.99 | 0.377 | 13.77 | 14.43 | 0.489 | 2.41 | 2.62 | 0.546 | 4.30 | 4.61 | 0.322 |
| Oklahoma | 5.66 | 6.46 | 0.475 | 8.39 | 9.67 | 0.338 | 1.68 | 2.02 | 0.420 | 3.02 | 3.55 | 0.205 |
| Oregon | 9.39 | 9.07 | 0.811 | 17.68 | 20.43 | 0.203 | 4.40 | 4.80 | 0.646 | 6.53 | 7.19 | 0.389 |
| Pennsylvania | 6.46 | 7.37 | 0.161 | 13.96 | 14.95 | 0.341 | 2.81 | 2.92 | 0.776 | 4.47 | 4.76 | 0.387 |
| Rhode Island | 10.35 | 10.29 | 0.972 | 21.79 | 21.53 | 0.914 | 4.70 | 4.16 | 0.490 | 7.20 | 6.78 | 0.568 |
| South Carolina | 6.54 | 6.59 | 0.962 | 12.49 | 12.48 | 0.996 | 2.33 | 2.39 | 0.901 | 4.02 | 4.10 | 0.862 |
| South Dakota | 6.50 | 6.83 | 0.770 | 11.37 | 10.46 | 0.574 | 1.85 | 1.88 | 0.946 | 3.73 | 3.69 | 0.921 |
| Tennessee | 6.57 | 7.67 | 0.317 | 11.23 | 13.18 | 0.223 | 2.88 | 3.02 | 0.793 | 4.31 | 4.78 | 0.351 |
| Texas | 5.92 | 6.09 | 0.785 | 10.34 | 10.30 | 0.964 | 1.56 | 1.91 | 0.220 | 3.36 | 3.63 | 0.307 |
| Utah | 4.85 | 5.00 | 0.880 | 7.44 | 8.07 | 0.619 | 1.58 | 1.87 | 0.535 | 3.15 | 3.51 | 0.416 |
| Vermont | 10.62 | 13.20 | 0.103 | 24.60 | 28.56 | 0.101 | 4.05 | 5.39 | 0.130 | 7.26 ^a | 9.06 | 0.025 |
| Virginia | 5.82 | 5.76 | 0.951 | 12.50 | 13.46 | 0.596 | 2.60 | 2.63 | 0.966 | 4.13 | 4.28 | 0.764 |
| Washington | 8.70 | 9.56 | 0.498 | 14.28 | 15.69 | 0.444 | 3.80 | 3.81 | 0.989 | 5.62 | 5.95 | 0.628 |
| West Virginia | 7.32 | 7.03 | 0.794 | 10.67 | 11.91 | 0.421 | 1.90 | 2.33 | 0.348 | 3.49 | 3.96 | 0.286 |
| Wisconsin | 8.08 | 7.80 | 0.804 | 16.60 | 15.21 | 0.455 | 2.86 | 2.75 | 0.836 | 5.24 | 4.95 | 0.584 |
| Wyoming | 7.42 | 7.63 | 0.852 | 12.99 | 12.54 | 0.783 | 2.26 | 2.23 | 0.952 | 4.40 | 4.35 | 0.918 |

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.3 Percentages Reporting Perceptions of Great Risk of Smoking Marijuana Once a Month, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|--------------------|-----------|---------|--------------------|-----------|---------|--------------------|-----------|---------|--------------------|-----------|---------|
| | 1999-2000 | 2000-2001 | p value |
| Total ¹ | 37.83 ^a | 36.78 | 0.006 | 29.53 ^a | 28.46 | 0.007 | 47.49 ^a | 46.19 | 0.006 | 44.16 ^a | 42.90 | 0.001 |
| Alabama | 43.37 | 43.43 | 0.981 | 33.20 | 35.95 | 0.294 | 56.32 | 54.52 | 0.544 | 52.00 | 50.98 | 0.666 |
| Alaska | 31.80 | 31.16 | 0.793 | 19.96 | 21.74 | 0.414 | 34.99 ^b | 39.66 | 0.073 | 32.40 ^b | 35.81 | 0.084 |
| Arizona | 36.47 | 33.76 | 0.278 | 31.34 | 29.45 | 0.436 | 48.91 | 47.12 | 0.537 | 45.18 | 43.24 | 0.391 |
| Arkansas | 41.89 | 39.97 | 0.441 | 32.34 | 31.77 | 0.814 | 52.69 | 52.77 | 0.976 | 48.94 | 48.69 | 0.907 |
| California | 35.52 | 34.61 | 0.436 | 32.84 | 31.45 | 0.288 | 43.67 | 43.64 | 0.986 | 41.30 | 40.98 | 0.800 |
| Colorado | 27.20 | 28.42 | 0.592 | 20.28 | 20.56 | 0.898 | 34.44 | 37.47 | 0.283 | 31.82 | 34.23 | 0.274 |
| Connecticut | 29.99 | 29.09 | 0.709 | 24.41 | 20.94 | 0.153 | 42.16 ^b | 37.34 | 0.076 | 39.00 ^b | 34.71 | 0.055 |
| Delaware | 34.47 | 32.52 | 0.407 | 26.83 | 25.25 | 0.491 | 41.83 | 39.29 | 0.333 | 39.24 | 36.87 | 0.265 |
| District of Columbia | 37.70 | 33.78 | 0.149 | 27.34 ^b | 23.08 | 0.066 | 48.39 ^a | 41.61 | 0.015 | 44.48 ^a | 38.56 | 0.009 |
| Florida | 42.89 | 41.42 | 0.339 | 35.36 | 34.42 | 0.518 | 49.81 | 49.76 | 0.978 | 47.62 | 47.30 | 0.817 |
| Georgia | 38.18 | 36.01 | 0.321 | 31.24 | 28.84 | 0.338 | 51.35 | 49.10 | 0.434 | 47.24 | 44.96 | 0.313 |
| Hawaii | 37.08 ^a | 31.15 | 0.033 | 29.41 | 24.93 | 0.115 | 43.15 | 43.03 | 0.968 | 40.92 | 39.69 | 0.612 |
| Idaho | 41.45 | 40.11 | 0.600 | 31.22 | 28.95 | 0.324 | 46.43 | 46.85 | 0.873 | 43.53 | 43.30 | 0.911 |
| Illinois | 38.32 | 37.53 | 0.573 | 29.48 | 27.94 | 0.256 | 46.03 | 45.62 | 0.808 | 43.04 | 42.45 | 0.650 |
| Indiana | 41.69 | 40.53 | 0.621 | 28.50 | 28.42 | 0.973 | 49.34 | 48.02 | 0.628 | 45.77 | 44.62 | 0.594 |
| Iowa | 44.18 | 43.55 | 0.804 | 31.93 | 31.54 | 0.874 | 47.44 | 49.45 | 0.475 | 45.04 | 46.42 | 0.538 |
| Kansas | 37.46 | 37.66 | 0.936 | 27.24 | 24.45 | 0.234 | 47.09 | 47.51 | 0.882 | 43.36 | 43.24 | 0.955 |
| Kentucky | 41.30 | 40.42 | 0.729 | 30.32 | 30.65 | 0.881 | 55.07 | 52.40 | 0.328 | 50.42 | 48.31 | 0.335 |
| Louisiana | 41.89 | 38.84 | 0.203 | 32.14 | 31.25 | 0.716 | 57.27 ^b | 52.82 | 0.092 | 51.80 ^b | 48.01 | 0.066 |
| Maine | 33.87 | 30.16 | 0.121 | 21.13 ^a | 16.57 | 0.039 | 41.24 | 38.63 | 0.278 | 38.20 | 35.22 | 0.130 |
| Maryland | 36.67 | 33.73 | 0.245 | 28.57 | 25.97 | 0.270 | 42.40 | 41.81 | 0.833 | 40.20 | 39.12 | 0.636 |
| Massachusetts | 29.17 | 26.91 | 0.336 | 18.22 | 16.86 | 0.511 | 38.55 | 36.03 | 0.376 | 35.27 | 32.91 | 0.303 |
| Michigan | 36.79 | 35.57 | 0.384 | 26.21 | 24.66 | 0.241 | 44.59 | 44.84 | 0.879 | 41.38 | 41.24 | 0.912 |
| Minnesota | 36.54 | 37.50 | 0.691 | 25.89 | 23.99 | 0.400 | 42.60 | 42.86 | 0.921 | 39.71 | 39.72 | 0.996 |
| Mississippi | 45.66 | 48.03 | 0.368 | 37.99 | 41.28 | 0.226 | 59.29 | 57.45 | 0.533 | 54.70 | 54.07 | 0.782 |
| Missouri | 41.06 | 39.59 | 0.562 | 26.96 | 28.27 | 0.575 | 49.73 | 47.59 | 0.439 | 45.87 | 44.22 | 0.450 |

See notes at end of table.

(continued)

Table A.3 Percentages Reporting Perceptions of Great Risk of Smoking Marijuana Once a Month, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|-----------|-----------|----------------|--------------------|-----------|----------------|--------------------|-----------|----------------|--------------------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Montana | 33.37 | 35.33 | 0.419 | 24.65 | 24.65 | 1.000 | 42.68 | 45.06 | 0.359 | 39.34 | 41.29 | 0.344 |
| Nebraska | 40.26 | 39.11 | 0.659 | 27.33 | 27.47 | 0.951 | 46.79 | 44.72 | 0.420 | 43.40 | 41.70 | 0.400 |
| Nevada | 33.06 | 32.82 | 0.926 | 28.14 | 26.79 | 0.598 | 41.05 | 43.49 | 0.375 | 38.77 | 40.39 | 0.468 |
| New Hampshire | 29.48 | 27.51 | 0.398 | 18.57 | 19.60 | 0.648 | 36.12 | 35.59 | 0.836 | 33.36 | 32.86 | 0.808 |
| New Jersey | 36.16 | 36.77 | 0.785 | 28.19 | 26.74 | 0.566 | 47.17 | 45.64 | 0.582 | 43.93 | 42.63 | 0.564 |
| New Mexico | 30.92 | 29.33 | 0.508 | 29.56 | 27.52 | 0.443 | 43.42 | 43.90 | 0.857 | 39.99 | 39.88 | 0.955 |
| New York | 35.78 | 33.52 | 0.120 | 27.06 | 26.54 | 0.697 | 51.19 ^a | 46.86 | 0.013 | 46.69 ^a | 43.07 | 0.008 |
| North Carolina | 38.78 | 37.48 | 0.562 | 26.47 | 23.72 | 0.210 | 47.48 | 45.86 | 0.549 | 44.04 | 42.29 | 0.419 |
| North Dakota | 40.07 | 37.99 | 0.387 | 29.61 ^b | 25.05 | 0.052 | 48.17 | 50.48 | 0.372 | 44.60 | 45.41 | 0.687 |
| Ohio | 38.58 | 36.97 | 0.247 | 27.27 | 26.22 | 0.424 | 47.54 ^a | 43.56 | 0.008 | 43.98 ^a | 40.62 | 0.005 |
| Oklahoma | 42.76 | 40.34 | 0.386 | 36.34 | 35.56 | 0.774 | 51.05 | 51.24 | 0.948 | 48.16 | 47.90 | 0.911 |
| Oregon | 32.07 | 31.60 | 0.849 | 20.00 | 19.89 | 0.961 | 36.87 | 35.87 | 0.729 | 34.32 | 33.43 | 0.703 |
| Pennsylvania | 38.69 | 38.42 | 0.842 | 27.29 | 26.68 | 0.643 | 50.13 | 48.81 | 0.425 | 46.34 | 45.20 | 0.382 |
| Rhode Island | 32.43 | 30.23 | 0.383 | 19.33 | 18.30 | 0.632 | 41.61 | 42.33 | 0.787 | 38.17 | 38.33 | 0.942 |
| South Carolina | 41.27 | 40.79 | 0.855 | 36.24 | 34.94 | 0.614 | 52.43 | 49.29 | 0.252 | 49.28 | 46.60 | 0.223 |
| South Dakota | 38.34 | 36.97 | 0.583 | 27.99 | 28.91 | 0.704 | 48.07 | 44.84 | 0.225 | 44.11 | 41.63 | 0.234 |
| Tennessee | 38.86 | 38.75 | 0.966 | 30.68 | 27.64 | 0.236 | 52.19 | 48.90 | 0.232 | 48.12 | 45.19 | 0.183 |
| Texas | 41.29 | 40.86 | 0.746 | 35.25 | 34.36 | 0.513 | 54.14 | 53.18 | 0.568 | 49.86 | 48.99 | 0.491 |
| Utah | 44.61 | 41.43 | 0.214 | 36.51 | 35.82 | 0.780 | 50.67 | 48.23 | 0.373 | 47.15 | 44.88 | 0.253 |
| Vermont | 24.76 | 23.78 | 0.652 | 18.64 ^a | 14.48 | 0.032 | 32.03 | 30.93 | 0.646 | 29.62 | 28.16 | 0.440 |
| Virginia | 39.28 | 37.59 | 0.453 | 27.71 | 26.45 | 0.621 | 47.10 | 44.85 | 0.399 | 43.95 | 41.84 | 0.326 |
| Washington | 32.16 | 32.68 | 0.815 | 25.59 | 23.82 | 0.430 | 39.10 | 38.14 | 0.743 | 36.69 | 35.72 | 0.675 |
| West Virginia | 40.52 | 39.89 | 0.796 | 29.80 | 29.21 | 0.808 | 52.18 | 52.25 | 0.979 | 48.33 | 48.23 | 0.963 |
| Wisconsin | 33.32 | 34.60 | 0.566 | 23.75 | 22.84 | 0.680 | 41.10 | 41.45 | 0.896 | 37.97 | 38.24 | 0.898 |
| Wyoming | 36.80 | 36.24 | 0.820 | 28.13 | 26.32 | 0.438 | 44.48 | 43.52 | 0.725 | 41.23 | 40.18 | 0.612 |

NOTE: *p* value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.4 Average Annual Rates of *First Use of Marijuana*, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|-----------|-----------|----------------|-----------|-----------|----------------|-------------|-----------|----------------|-------------------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Total ¹ | 6.08 | 6.25 | 0.226 | 5.47 | 5.70 | 0.249 | 0.12 | 0.14 | 0.538 | 1.52 ^a | 1.59 | 0.050 |
| Alabama | 5.19 | 5.35 | 0.830 | 5.35 | 5.44 | 0.920 | 0.10 | 0.12 | 0.743 | 1.28 | 1.33 | 0.703 |
| Alaska | 7.29 | 7.05 | 0.789 | 6.48 | 6.92 | 0.719 | 0.17 | 0.14 | 0.678 | 2.32 | 2.28 | 0.865 |
| Arizona | 8.16 | 6.83 | 0.149 | 4.69 | 4.71 | 0.976 | 0.13 | 0.14 | 0.944 | 1.82 | 1.64 | 0.358 |
| Arkansas | 5.75 | 6.32 | 0.463 | 4.58 | 5.59 | 0.236 | 0.10 | 0.13 | 0.549 | 1.32 | 1.53 | 0.166 |
| California | 5.57 | 6.17 | 0.130 | 4.50 | 4.58 | 0.880 | 0.14 | 0.15 | 0.859 | 1.46 | 1.59 | 0.171 |
| Colorado | 7.68 | 7.57 | 0.915 | 7.03 | 6.12 | 0.455 | 0.15 | 0.18 | 0.694 | 2.01 | 1.95 | 0.792 |
| Connecticut | 6.83 | 7.11 | 0.763 | 6.47 | 7.03 | 0.649 | 0.13 | 0.14 | 0.880 | 1.59 | 1.68 | 0.653 |
| Delaware | 8.32 | 8.66 | 0.733 | 7.01 | 7.98 | 0.451 | 0.13 | 0.16 | 0.708 | 1.90 | 2.12 | 0.304 |
| District of Columbia | 5.54 | 5.76 | 0.794 | 5.28 | 6.97 | 0.102 | 0.13 | 0.22 | 0.297 | 1.48 | 1.62 | 0.452 |
| Florida | 5.76 | 6.46 | 0.160 | 4.67 | 4.73 | 0.911 | 0.11 | 0.12 | 0.865 | 1.21 | 1.32 | 0.231 |
| Georgia | 5.61 | 5.10 | 0.442 | 5.47 | 4.99 | 0.594 | 0.13 | 0.15 | 0.661 | 1.50 | 1.44 | 0.670 |
| Hawaii | 7.63 | 7.62 | 0.992 | 5.50 | 5.99 | 0.674 | 0.11 | 0.08 | 0.650 | 1.65 | 1.62 | 0.866 |
| Idaho | 4.91 | 5.56 | 0.351 | 5.39 | 5.26 | 0.889 | 0.13 | 0.14 | 0.864 | 1.58 | 1.68 | 0.582 |
| Illinois | 6.17 | 6.75 | 0.226 | 5.61 | 6.57 | 0.127 | 0.12 | 0.15 | 0.625 | 1.56 ^b | 1.76 | 0.069 |
| Indiana | 5.88 | 6.17 | 0.695 | 5.27 | 5.18 | 0.919 | 0.12 | 0.14 | 0.820 | 1.44 | 1.48 | 0.782 |
| Iowa | 6.17 | 5.02 | 0.149 | 5.24 | 5.08 | 0.851 | 0.11 | 0.11 | 0.974 | 1.47 | 1.31 | 0.288 |
| Kansas | 6.17 | 6.49 | 0.695 | 6.54 | 6.29 | 0.822 | 0.12 | 0.14 | 0.709 | 1.68 | 1.78 | 0.567 |
| Kentucky | 6.74 | 7.33 | 0.478 | 6.46 | 6.34 | 0.909 | 0.12 | 0.16 | 0.449 | 1.62 | 1.69 | 0.641 |
| Louisiana | 5.51 | 5.31 | 0.777 | 4.26 | 5.02 | 0.362 | 0.12 | 0.14 | 0.739 | 1.39 | 1.48 | 0.575 |
| Maine | 7.12 | 6.47 | 0.462 | 8.07 | 8.52 | 0.751 | 0.11 | 0.14 | 0.683 | 1.74 | 1.71 | 0.880 |
| Maryland | 5.92 | 6.23 | 0.693 | 6.14 | 6.27 | 0.895 | 0.12 | 0.14 | 0.773 | 1.52 | 1.56 | 0.806 |
| Massachusetts | 8.75 | 8.30 | 0.661 | 7.55 | 8.65 | 0.418 | 0.15 | 0.16 | 0.953 | 2.03 | 2.07 | 0.836 |
| Michigan | 7.10 | 6.98 | 0.815 | 6.90 | 7.18 | 0.690 | 0.13 | 0.16 | 0.458 | 1.83 | 1.88 | 0.665 |
| Minnesota | 6.42 | 7.21 | 0.350 | 7.63 | 7.82 | 0.873 | 0.13 | 0.15 | 0.747 | 1.91 | 2.10 | 0.367 |
| Mississippi | 5.26 | 5.40 | 0.852 | 5.32 | 5.13 | 0.825 | 0.12 | 0.17 | 0.379 | 1.49 | 1.50 | 0.966 |
| Missouri | 5.85 | 6.67 | 0.313 | 5.91 | 6.28 | 0.709 | 0.11 | 0.13 | 0.695 | 1.51 | 1.67 | 0.360 |

See notes at end of table.

(continued)

Table A.4 Average Annual Rates of First Use of Marijuana, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|-----------|-----------|---------|-----------|-----------|---------|-------------|-----------|---------|-------------------|-----------|---------|
| | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value |
| Montana | 7.33 | 7.20 | 0.888 | 6.58 | 7.76 | 0.280 | 0.12 | 0.12 | 0.917 | 1.73 | 1.85 | 0.524 |
| Nebraska | 5.71 | 6.29 | 0.461 | 5.48 | 6.56 | 0.266 | 0.11 | 0.13 | 0.634 | 1.51 | 1.75 | 0.170 |
| Nevada | 7.63 | 7.90 | 0.786 | 5.47 | 6.54 | 0.330 | 0.13 | 0.14 | 0.837 | 1.66 | 1.84 | 0.347 |
| New Hampshire | 7.52 | 7.29 | 0.799 | 7.49 | 8.33 | 0.559 | 0.13 | 0.16 | 0.685 | 1.92 | 2.01 | 0.657 |
| New Jersey | 5.50 | 5.52 | 0.981 | 6.45 | 6.22 | 0.836 | 0.13 | 0.13 | 0.931 | 1.39 | 1.38 | 0.951 |
| New Mexico | 7.66 | 8.80 | 0.262 | 5.99 | 5.99 | 0.999 | 0.14 | 0.15 | 0.922 | 1.99 | 2.13 | 0.527 |
| New York | 5.64 | 6.01 | 0.420 | 5.93 | 5.90 | 0.966 | 0.12 | 0.15 | 0.491 | 1.43 | 1.49 | 0.544 |
| North Carolina | 6.67 | 6.05 | 0.434 | 5.35 | 6.83 | 0.149 | 0.12 | 0.14 | 0.659 | 1.50 | 1.62 | 0.431 |
| North Dakota | 7.31 | 7.37 | 0.941 | 6.53 | 7.49 | 0.373 | 0.10 | 0.12 | 0.726 | 1.89 | 1.99 | 0.622 |
| Ohio | 5.94 | 6.24 | 0.541 | 5.91 | 6.01 | 0.872 | 0.10 | 0.12 | 0.570 | 1.49 | 1.58 | 0.367 |
| Oklahoma | 6.58 | 7.04 | 0.619 | 4.14 | 5.39 | 0.123 | 0.12 | 0.13 | 0.944 | 1.47 | 1.68 | 0.241 |
| Oregon | 6.50 | 6.61 | 0.894 | 7.10 | 6.28 | 0.479 | 0.15 | 0.15 | 0.995 | 1.70 | 1.68 | 0.915 |
| Pennsylvania | 5.32 | 5.87 | 0.204 | 5.85 | 6.18 | 0.559 | 0.10 | 0.12 | 0.750 | 1.32 | 1.42 | 0.258 |
| Rhode Island | 7.34 | 7.52 | 0.849 | 6.57 | 7.26 | 0.571 | 0.13 | 0.17 | 0.557 | 1.69 | 1.82 | 0.488 |
| South Carolina | 6.43 | 6.68 | 0.764 | 4.95 | 5.85 | 0.332 | 0.12 | 0.14 | 0.669 | 1.47 | 1.61 | 0.424 |
| South Dakota | 6.16 | 6.07 | 0.914 | 5.43 | 4.90 | 0.544 | 0.10 | 0.11 | 0.880 | 1.60 | 1.54 | 0.677 |
| Tennessee | 6.34 | 6.36 | 0.978 | 5.46 | 5.85 | 0.681 | 0.12 | 0.14 | 0.840 | 1.49 | 1.53 | 0.789 |
| Texas | 5.49 | 5.22 | 0.504 | 4.55 | 4.77 | 0.656 | 0.13 | 0.14 | 0.790 | 1.47 | 1.47 | 0.935 |
| Utah | 4.67 | 4.71 | 0.965 | 3.88 | 3.93 | 0.947 | 0.14 | 0.14 | 0.947 | 1.60 | 1.62 | 0.924 |
| Vermont | 8.30 | 9.37 | 0.282 | 8.22 | 10.30 | 0.161 | 0.15 | 0.21 | 0.413 | 2.25 ^b | 2.70 | 0.073 |
| Virginia | 5.09 | 4.86 | 0.740 | 5.68 | 5.73 | 0.961 | 0.13 | 0.15 | 0.744 | 1.40 | 1.40 | 0.970 |
| Washington | 6.78 | 6.93 | 0.860 | 5.17 | 6.35 | 0.238 | 0.13 | 0.14 | 0.877 | 1.61 | 1.81 | 0.277 |
| West Virginia | 6.27 | 6.43 | 0.845 | 4.98 | 4.88 | 0.906 | 0.10 | 0.11 | 0.738 | 1.28 | 1.29 | 0.941 |
| Wisconsin | 7.34 | 6.68 | 0.416 | 6.46 | 6.11 | 0.742 | 0.15 | 0.16 | 0.910 | 1.88 | 1.78 | 0.585 |
| Wyoming | 6.51 | 6.97 | 0.596 | 6.18 | 6.71 | 0.615 | 0.12 | 0.13 | 0.836 | 1.83 | 1.97 | 0.482 |

NOTE: p value: Bayes posterior probability of no change.

NOTE: Average Annual Rate={[(Number of Marijuana Initiates in past 24 months)/((Number of Marijuana Initiates in past 24 months * 0.5) + Number of persons who never used Marijuana)]/2. Both the computation components, Number of Marijuana Initiates in past 24 months and Number of persons who never used Marijuana, are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at the time of the interview, not his or her age at first use.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.5 Percentages Reporting Past Month Use of *Any Illicit Drug Other Than Marijuana*, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|-----------|-----------|----------------|-------------------|-----------|----------------|-------------|-----------|----------------|-------------------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Total ¹ | 4.54 | 4.76 | 0.202 | 5.96 ^a | 6.86 | 0.000 | 1.86 | 1.91 | 0.687 | 2.67 ^b | 2.85 | 0.070 |
| Alabama | 5.10 | 5.04 | 0.942 | 6.70 | 6.91 | 0.858 | 1.62 | 1.68 | 0.892 | 2.63 | 2.70 | 0.865 |
| Alaska | 3.88 | 4.13 | 0.767 | 6.49 | 7.32 | 0.535 | 2.37 | 1.82 | 0.359 | 3.16 | 2.96 | 0.698 |
| Arizona | 5.17 | 5.93 | 0.442 | 5.76 ^b | 7.91 | 0.079 | 2.32 | 2.27 | 0.928 | 3.10 | 3.44 | 0.482 |
| Arkansas | 5.56 | 6.14 | 0.569 | 5.95 ^b | 8.09 | 0.068 | 1.59 | 1.91 | 0.468 | 2.56 | 3.16 | 0.128 |
| California | 4.46 | 4.90 | 0.345 | 5.88 ^b | 7.07 | 0.089 | 2.32 | 2.60 | 0.498 | 3.04 | 3.47 | 0.209 |
| Colorado | 5.11 | 5.49 | 0.702 | 9.20 | 9.63 | 0.774 | 1.84 | 2.03 | 0.683 | 3.15 | 3.42 | 0.532 |
| Connecticut | 5.39 | 5.98 | 0.590 | 6.45 | 7.52 | 0.412 | 2.01 | 1.82 | 0.716 | 2.83 | 2.86 | 0.944 |
| Delaware | 4.99 | 5.08 | 0.920 | 7.97 | 7.74 | 0.863 | 2.05 | 1.88 | 0.743 | 3.08 | 2.93 | 0.741 |
| District of Columbia | 4.33 | 4.23 | 0.910 | 6.21 | 7.08 | 0.499 | 2.52 | 2.77 | 0.728 | 3.20 | 3.45 | 0.674 |
| Florida | 4.39 | 4.33 | 0.922 | 6.84 | 7.16 | 0.683 | 1.66 | 1.57 | 0.768 | 2.47 | 2.44 | 0.923 |
| Georgia | 4.61 | 4.56 | 0.946 | 6.63 | 6.30 | 0.786 | 1.80 | 1.80 | 0.998 | 2.75 | 2.70 | 0.909 |
| Hawaii | 4.90 | 5.15 | 0.820 | 5.74 | 6.96 | 0.365 | 1.64 | 1.73 | 0.862 | 2.44 | 2.69 | 0.595 |
| Idaho | 4.09 | 3.97 | 0.879 | 5.02 | 5.08 | 0.953 | 1.46 | 1.32 | 0.705 | 2.32 | 2.21 | 0.755 |
| Illinois | 4.00 | 4.25 | 0.620 | 4.81 ^a | 6.16 | 0.039 | 1.98 | 2.14 | 0.662 | 2.57 | 2.89 | 0.270 |
| Indiana | 4.83 | 4.53 | 0.707 | 6.65 | 6.44 | 0.851 | 1.62 | 1.60 | 0.964 | 2.62 | 2.55 | 0.854 |
| Iowa | 4.08 | 4.08 | 0.994 | 4.92 | 4.98 | 0.954 | 1.43 | 1.25 | 0.635 | 2.17 | 2.05 | 0.718 |
| Kansas | 3.84 | 4.92 | 0.221 | 5.34 | 6.39 | 0.355 | 1.82 | 1.97 | 0.767 | 2.52 | 2.90 | 0.360 |
| Kentucky | 5.05 | 4.82 | 0.797 | 6.71 | 7.28 | 0.631 | 1.97 | 1.80 | 0.707 | 2.91 | 2.83 | 0.848 |
| Louisiana | 5.95 | 6.15 | 0.853 | 6.78 | 8.14 | 0.300 | 1.80 | 2.25 | 0.405 | 3.01 | 3.57 | 0.227 |
| Maine | 5.29 | 5.73 | 0.664 | 8.20 | 8.86 | 0.650 | 1.54 | 1.65 | 0.790 | 2.67 | 2.89 | 0.565 |
| Maryland | 4.02 | 4.91 | 0.296 | 5.15 | 6.46 | 0.209 | 1.75 | 1.75 | 0.995 | 2.38 | 2.62 | 0.520 |
| Massachusetts | 4.67 | 5.12 | 0.630 | 6.87 | 7.90 | 0.451 | 2.76 | 2.72 | 0.951 | 3.42 | 3.55 | 0.817 |
| Michigan | 4.68 | 5.05 | 0.502 | 6.11 | 6.78 | 0.348 | 1.83 | 1.72 | 0.728 | 2.69 | 2.73 | 0.863 |
| Minnesota | 4.03 | 4.79 | 0.329 | 5.65 | 6.84 | 0.271 | 1.73 | 1.62 | 0.803 | 2.51 | 2.68 | 0.638 |
| Mississippi | 3.98 | 4.76 | 0.368 | 6.06 | 6.57 | 0.643 | 1.56 | 1.63 | 0.876 | 2.48 | 2.69 | 0.564 |
| Missouri | 3.54 | 4.61 | 0.198 | 4.35 | 5.29 | 0.340 | 1.60 | 1.43 | 0.693 | 2.16 | 2.28 | 0.755 |

See notes at end of table.

(continued)

Table A.5 Percentages Reporting Past Month Use of *Any Illicit Drug Other Than Marijuana*, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|-----------|-----------|----------------|-------------------|-----------|----------------|-------------|-----------|----------------|-----------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Montana | 6.19 | 5.58 | 0.567 | 5.57 | 6.91 | 0.218 | 1.47 | 1.51 | 0.935 | 2.52 | 2.67 | 0.678 |
| Nebraska | 3.85 | 3.91 | 0.943 | 4.68 | 4.86 | 0.858 | 1.50 | 1.25 | 0.535 | 2.20 | 2.05 | 0.679 |
| Nevada | 5.38 | 5.64 | 0.805 | 6.53 | 7.62 | 0.431 | 2.45 | 2.25 | 0.741 | 3.21 | 3.24 | 0.947 |
| New Hampshire | 5.58 | 6.31 | 0.465 | 7.30 | 9.50 | 0.159 | 1.58 | 1.98 | 0.400 | 2.67 | 3.32 | 0.138 |
| New Jersey | 4.50 | 4.37 | 0.863 | 5.50 | 6.75 | 0.268 | 1.83 | 1.60 | 0.605 | 2.50 | 2.46 | 0.899 |
| New Mexico | 4.83 | 4.48 | 0.693 | 5.81 | 5.86 | 0.961 | 1.94 | 1.89 | 0.906 | 2.83 | 2.75 | 0.854 |
| New York | 3.58 | 3.74 | 0.744 | 5.17 ^b | 6.48 | 0.073 | 1.87 | 2.10 | 0.525 | 2.44 | 2.80 | 0.253 |
| North Carolina | 5.05 | 5.25 | 0.815 | 6.12 | 6.43 | 0.787 | 1.73 | 2.01 | 0.535 | 2.60 | 2.88 | 0.466 |
| North Dakota | 3.99 | 4.28 | 0.728 | 4.41 | 5.02 | 0.516 | 1.42 | 1.28 | 0.742 | 2.14 | 2.16 | 0.958 |
| Ohio | 4.51 | 4.59 | 0.867 | 6.08 | 6.31 | 0.728 | 1.71 | 1.58 | 0.665 | 2.57 | 2.51 | 0.824 |
| Oklahoma | 4.19 | 5.28 | 0.255 | 6.09 | 7.03 | 0.414 | 2.11 | 1.90 | 0.698 | 2.87 | 2.97 | 0.817 |
| Oregon | 5.33 | 5.18 | 0.874 | 7.14 | 8.10 | 0.443 | 2.01 | 2.09 | 0.887 | 2.97 | 3.15 | 0.689 |
| Pennsylvania | 4.29 | 4.70 | 0.431 | 5.86 ^b | 7.20 | 0.064 | 1.89 | 1.81 | 0.821 | 2.59 | 2.73 | 0.626 |
| Rhode Island | 5.14 | 5.44 | 0.771 | 7.30 | 8.53 | 0.394 | 1.81 | 1.87 | 0.900 | 2.77 | 3.00 | 0.588 |
| South Carolina | 4.20 | 4.40 | 0.805 | 5.35 | 6.61 | 0.235 | 1.60 | 1.82 | 0.616 | 2.33 | 2.69 | 0.333 |
| South Dakota | 4.21 | 4.10 | 0.892 | 5.16 | 5.48 | 0.765 | 1.34 | 1.15 | 0.590 | 2.21 | 2.12 | 0.770 |
| Tennessee | 5.45 | 5.87 | 0.681 | 6.06 | 6.56 | 0.672 | 1.73 | 1.96 | 0.629 | 2.65 | 2.93 | 0.506 |
| Texas | 5.11 | 4.64 | 0.359 | 5.63 ^a | 7.00 | 0.037 | 1.55 | 1.57 | 0.941 | 2.56 | 2.72 | 0.502 |
| Utah | 3.64 | 3.80 | 0.841 | 5.27 | 5.45 | 0.861 | 2.25 | 1.75 | 0.384 | 3.01 | 2.75 | 0.559 |
| Vermont | 5.22 | 5.61 | 0.691 | 9.71 | 10.51 | 0.611 | 1.67 | 2.22 | 0.248 | 3.03 | 3.59 | 0.196 |
| Virginia | 3.35 | 4.33 | 0.175 | 4.85 ^b | 7.07 | 0.058 | 1.40 | 1.62 | 0.567 | 2.01 | 2.57 | 0.120 |
| Washington | 5.10 | 4.79 | 0.721 | 7.34 | 7.73 | 0.754 | 1.84 | 1.87 | 0.949 | 2.87 | 2.94 | 0.867 |
| West Virginia | 5.66 | 5.32 | 0.723 | 7.00 | 6.58 | 0.713 | 1.48 | 1.76 | 0.498 | 2.55 | 2.69 | 0.711 |
| Wisconsin | 4.66 | 4.26 | 0.611 | 5.94 | 5.71 | 0.837 | 2.08 | 2.00 | 0.869 | 2.87 | 2.74 | 0.750 |
| Wyoming | 4.52 | 4.77 | 0.765 | 6.25 | 6.78 | 0.650 | 1.65 | 1.40 | 0.537 | 2.64 | 2.57 | 0.847 |

NOTE: *p* value: Bayes posterior probability of no change.

NOTE: Any Illicit Drug Other Than Marijuana includes cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.6 Percentages Reporting Past Year Use of Cocaine, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|-----------|-----------|----------------|-----------|-----------|----------------|-------------------|-----------|----------------|-----------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Total ¹ | 1.67 | 1.60 | 0.522 | 4.73 | 5.01 | 0.139 | 1.12 | 1.15 | 0.805 | 1.64 | 1.70 | 0.510 |
| Alabama | 1.54 | 1.47 | 0.860 | 4.17 | 4.16 | 0.989 | 1.38 | 1.05 | 0.383 | 1.76 | 1.50 | 0.421 |
| Alaska | 1.62 | 1.72 | 0.835 | 5.17 | 5.70 | 0.597 | 1.71 | 1.51 | 0.689 | 2.20 | 2.18 | 0.960 |
| Arizona | 3.15 | 2.97 | 0.805 | 5.98 | 6.61 | 0.595 | 1.27 | 1.47 | 0.622 | 2.11 | 2.33 | 0.552 |
| Arkansas | 1.44 | 1.49 | 0.903 | 3.72 | 4.40 | 0.372 | 1.15 | 1.11 | 0.905 | 1.51 | 1.58 | 0.799 |
| California | 2.00 | 1.97 | 0.916 | 4.67 | 5.27 | 0.298 | 1.16 | 1.44 | 0.286 | 1.73 | 2.02 | 0.169 |
| Colorado | 2.42 | 2.22 | 0.743 | 8.73 | 9.01 | 0.858 | 1.38 | 1.78 | 0.371 | 2.45 | 2.79 | 0.414 |
| Connecticut | 1.55 | 1.72 | 0.709 | 4.43 | 5.35 | 0.374 | 1.08 | 1.27 | 0.582 | 1.51 | 1.76 | 0.401 |
| Delaware | 1.62 | 1.28 | 0.396 | 6.10 | 6.19 | 0.936 | 2.02 | 1.67 | 0.522 | 2.48 | 2.20 | 0.532 |
| District of Columbia | 0.89 | 0.73 | 0.511 | 4.12 | 4.66 | 0.550 | 1.88 | 2.49 | 0.340 | 2.08 | 2.62 | 0.291 |
| Florida | 1.58 | 1.39 | 0.505 | 5.31 | 4.63 | 0.284 | 1.22 | 1.04 | 0.461 | 1.69 | 1.46 | 0.289 |
| Georgia | 1.20 | 1.32 | 0.718 | 4.80 | 4.91 | 0.911 | 1.33 | 1.21 | 0.735 | 1.79 | 1.72 | 0.839 |
| Hawaii | 1.61 | 1.69 | 0.875 | 3.72 | 3.79 | 0.946 | 1.54 ^b | 0.78 | 0.077 | 1.81 | 1.23 | 0.117 |
| Idaho | 1.86 | 1.74 | 0.797 | 3.51 | 3.58 | 0.921 | 0.79 | 0.75 | 0.841 | 1.33 | 1.30 | 0.880 |
| Illinois | 1.28 | 1.13 | 0.543 | 4.13 | 5.05 | 0.130 | 1.08 | 1.36 | 0.282 | 1.51 | 1.83 | 0.150 |
| Indiana | 1.64 | 1.69 | 0.906 | 4.61 | 4.87 | 0.771 | 0.85 | 0.84 | 0.942 | 1.43 | 1.46 | 0.904 |
| Iowa | 1.44 | 1.54 | 0.790 | 4.07 | 4.23 | 0.853 | 0.83 | 0.85 | 0.945 | 1.33 | 1.38 | 0.820 |
| Kansas | 1.22 | 1.37 | 0.687 | 4.41 | 4.86 | 0.619 | 0.99 | 1.02 | 0.921 | 1.48 | 1.59 | 0.684 |
| Kentucky | 1.45 | 1.49 | 0.902 | 4.99 | 5.88 | 0.383 | 1.12 | 1.15 | 0.917 | 1.66 | 1.81 | 0.607 |
| Louisiana | 1.17 | 1.37 | 0.555 | 4.05 | 3.91 | 0.862 | 1.34 | 1.23 | 0.782 | 1.71 | 1.64 | 0.836 |
| Maine | 1.92 | 2.01 | 0.868 | 4.06 | 4.78 | 0.448 | 0.83 | 0.84 | 0.971 | 1.31 | 1.42 | 0.656 |
| Maryland | 1.35 | 1.29 | 0.851 | 3.80 | 3.86 | 0.939 | 0.90 | 1.06 | 0.569 | 1.29 | 1.41 | 0.617 |
| Massachusetts | 1.63 | 1.72 | 0.835 | 6.44 | 6.45 | 0.991 | 1.46 | 1.79 | 0.436 | 2.06 | 2.33 | 0.470 |
| Michigan | 1.27 | 1.34 | 0.764 | 4.68 | 4.60 | 0.899 | 1.04 | 0.81 | 0.244 | 1.54 | 1.36 | 0.296 |
| Minnesota | 2.02 | 1.93 | 0.849 | 4.88 | 6.16 | 0.205 | 1.01 | 1.23 | 0.477 | 1.64 | 1.97 | 0.250 |
| Mississippi | 1.06 | 0.91 | 0.594 | 3.84 | 3.92 | 0.931 | 1.11 | 0.87 | 0.433 | 1.49 | 1.31 | 0.500 |
| Missouri | 1.27 | 1.40 | 0.715 | 3.84 | 3.82 | 0.979 | 0.87 | 0.77 | 0.648 | 1.30 | 1.23 | 0.761 |

See notes at end of table.

(continued)

Table A.6 Percentages Reporting Past Year Use of Cocaine, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|-----------|-----------|---------|-----------|-----------|---------|-------------|-----------|---------|-----------|-----------|---------|
| | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value |
| Montana | 2.28 | 1.97 | 0.560 | 4.95 | 5.90 | 0.327 | 0.86 | 1.01 | 0.602 | 1.54 | 1.76 | 0.425 |
| Nebraska | 1.46 | 1.40 | 0.878 | 4.42 | 3.81 | 0.496 | 0.88 | 0.78 | 0.693 | 1.43 | 1.27 | 0.508 |
| Nevada | 2.10 | 2.33 | 0.669 | 5.53 | 5.93 | 0.733 | 1.64 | 1.55 | 0.867 | 2.14 | 2.16 | 0.966 |
| New Hampshire | 1.82 | 1.92 | 0.837 | 4.99 | 6.20 | 0.283 | 0.80 | 1.12 | 0.222 | 1.40 | 1.80 | 0.130 |
| New Jersey | 1.27 | 1.07 | 0.519 | 4.71 | 4.64 | 0.940 | 1.01 | 0.86 | 0.601 | 1.47 | 1.31 | 0.556 |
| New Mexico | 3.19 | 3.27 | 0.919 | 7.33 | 7.25 | 0.953 | 1.84 | 1.87 | 0.960 | 2.77 | 2.79 | 0.970 |
| New York | 1.38 | 1.26 | 0.655 | 4.10 | 5.01 | 0.138 | 1.10 | 1.18 | 0.732 | 1.49 | 1.65 | 0.435 |
| North Carolina | 1.41 | 1.29 | 0.714 | 4.19 | 4.49 | 0.723 | 1.20 | 1.12 | 0.808 | 1.59 | 1.55 | 0.900 |
| North Dakota | 1.62 | 1.75 | 0.761 | 3.91 | 5.02 | 0.203 | 0.77 | 0.91 | 0.544 | 1.31 | 1.59 | 0.202 |
| Ohio | 1.16 | 1.11 | 0.851 | 4.53 | 4.28 | 0.650 | 1.05 | 0.89 | 0.465 | 1.51 | 1.35 | 0.398 |
| Oklahoma | 1.39 | 1.44 | 0.913 | 3.77 | 3.59 | 0.807 | 1.08 | 0.83 | 0.402 | 1.47 | 1.28 | 0.440 |
| Oregon | 1.83 | 1.58 | 0.569 | 4.65 | 5.17 | 0.572 | 0.97 | 0.98 | 0.961 | 1.51 | 1.57 | 0.816 |
| Pennsylvania | 1.37 | 1.45 | 0.743 | 4.37 | 5.23 | 0.130 | 1.00 | 1.14 | 0.543 | 1.43 | 1.64 | 0.265 |
| Rhode Island | 1.47 | 1.44 | 0.947 | 5.96 | 6.12 | 0.893 | 1.11 | 1.10 | 0.984 | 1.69 | 1.71 | 0.940 |
| South Carolina | 1.31 | 1.26 | 0.878 | 4.20 | 4.80 | 0.505 | 1.26 | 1.12 | 0.683 | 1.63 | 1.60 | 0.928 |
| South Dakota | 2.20 | 1.79 | 0.427 | 4.63 | 4.56 | 0.935 | 0.87 | 0.72 | 0.503 | 1.56 | 1.40 | 0.503 |
| Tennessee | 1.67 | 1.66 | 0.973 | 3.89 | 3.99 | 0.903 | 1.49 | 1.03 | 0.216 | 1.81 | 1.47 | 0.293 |
| Texas | 2.56 | 2.27 | 0.458 | 5.72 | 5.59 | 0.844 | 1.10 | 1.15 | 0.845 | 1.95 | 1.93 | 0.940 |
| Utah | 1.68 | 1.46 | 0.622 | 3.42 | 3.45 | 0.964 | 0.90 | 0.83 | 0.806 | 1.48 | 1.43 | 0.829 |
| Vermont | 1.77 | 1.58 | 0.670 | 6.36 | 7.52 | 0.341 | 1.05 | 1.35 | 0.364 | 1.77 | 2.13 | 0.250 |
| Virginia | 1.30 | 1.11 | 0.566 | 4.77 | 5.00 | 0.809 | 1.00 | 1.01 | 0.980 | 1.49 | 1.52 | 0.930 |
| Washington | 2.02 | 1.91 | 0.827 | 4.35 | 4.60 | 0.782 | 0.95 | 1.03 | 0.774 | 1.49 | 1.59 | 0.714 |
| West Virginia | 1.62 | 1.47 | 0.706 | 3.81 | 4.23 | 0.596 | 0.86 | 0.88 | 0.950 | 1.30 | 1.35 | 0.821 |
| Wisconsin | 1.82 | 1.62 | 0.656 | 5.50 | 5.06 | 0.660 | 1.06 | 1.09 | 0.918 | 1.73 | 1.68 | 0.839 |
| Wyoming | 1.68 | 1.57 | 0.797 | 4.68 | 4.70 | 0.985 | 0.89 | 0.88 | 0.988 | 1.53 | 1.52 | 0.981 |

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.7 Percentages Reporting Past Month Use of *Alcohol*, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|-----------|-----------|----------------|--------------------|-----------|----------------|--------------------|-----------|----------------|--------------------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Total ¹ | 16.40 | 16.83 | 0.143 | 56.81 | 57.48 | 0.121 | 48.55 ^a | 50.10 | 0.002 | 46.25 ^a | 47.59 | 0.000 |
| Alabama | 14.46 | 15.14 | 0.680 | 50.18 | 49.89 | 0.914 | 37.59 | 37.65 | 0.981 | 36.87 | 37.02 | 0.946 |
| Alaska | 16.57 | 16.00 | 0.753 | 58.13 | 55.98 | 0.431 | 58.22 | 54.17 | 0.119 | 52.87 ^b | 49.40 | 0.077 |
| Arizona | 17.06 | 17.27 | 0.907 | 54.95 | 54.54 | 0.872 | 49.22 | 53.81 | 0.184 | 46.36 | 49.80 | 0.193 |
| Arkansas | 17.34 | 16.89 | 0.796 | 46.23 | 48.97 | 0.274 | 35.92 | 38.48 | 0.307 | 35.32 | 37.61 | 0.251 |
| California | 15.56 | 14.83 | 0.360 | 51.28 | 53.14 | 0.202 | 50.15 | 51.12 | 0.540 | 46.49 | 47.53 | 0.394 |
| Colorado | 20.08 | 20.16 | 0.967 | 68.16 | 65.67 | 0.331 | 62.15 | 61.93 | 0.935 | 58.51 | 57.98 | 0.805 |
| Connecticut | 20.58 | 21.79 | 0.563 | 67.17 | 68.09 | 0.731 | 58.61 ^b | 63.16 | 0.088 | 56.01 ^b | 59.63 | 0.095 |
| Delaware | 17.82 | 18.43 | 0.745 | 60.83 | 62.63 | 0.472 | 55.69 | 58.50 | 0.300 | 52.46 | 55.06 | 0.231 |
| District of Columbia | 12.19 | 13.51 | 0.412 | 54.78 ^a | 61.55 | 0.009 | 47.55 ^b | 52.33 | 0.095 | 44.90 ^a | 50.19 | 0.020 |
| Florida | 14.37 | 15.85 | 0.147 | 54.52 | 53.50 | 0.490 | 48.63 | 51.23 | 0.116 | 46.08 | 48.13 | 0.127 |
| Georgia | 15.08 | 15.13 | 0.975 | 52.12 | 51.81 | 0.908 | 45.60 | 44.80 | 0.764 | 43.23 | 42.58 | 0.756 |
| Hawaii | 16.83 | 16.70 | 0.950 | 54.25 | 56.46 | 0.472 | 44.93 | 44.76 | 0.949 | 43.28 | 43.50 | 0.921 |
| Idaho | 14.26 | 14.77 | 0.744 | 47.38 | 51.43 | 0.119 | 44.83 | 44.08 | 0.767 | 41.54 | 41.72 | 0.925 |
| Illinois | 18.05 | 18.61 | 0.590 | 60.88 | 60.70 | 0.893 | 53.25 | 54.14 | 0.593 | 50.66 | 51.32 | 0.607 |
| Indiana | 13.54 | 13.35 | 0.898 | 54.63 | 52.19 | 0.344 | 40.62 | 43.63 | 0.264 | 39.69 | 41.62 | 0.357 |
| Iowa | 19.31 | 17.22 | 0.246 | 70.01 | 67.03 | 0.219 | 52.82 | 51.76 | 0.711 | 51.60 | 50.15 | 0.520 |
| Kansas | 16.15 | 17.91 | 0.346 | 59.84 | 62.09 | 0.409 | 49.92 | 50.18 | 0.927 | 47.48 | 48.25 | 0.728 |
| Kentucky | 14.65 | 17.05 | 0.164 | 52.98 | 51.58 | 0.590 | 33.81 | 35.61 | 0.497 | 34.41 | 35.88 | 0.485 |
| Louisiana | 19.44 | 19.55 | 0.954 | 57.94 | 57.11 | 0.744 | 44.99 | 47.42 | 0.381 | 43.88 | 45.67 | 0.399 |
| Maine | 19.42 | 19.99 | 0.762 | 64.98 | 67.31 | 0.379 | 51.49 ^a | 56.79 | 0.031 | 49.90 ^a | 54.34 | 0.025 |
| Maryland | 15.70 | 18.30 | 0.148 | 58.01 | 59.60 | 0.557 | 52.11 | 50.12 | 0.489 | 49.23 | 48.03 | 0.603 |
| Massachusetts | 21.94 | 22.71 | 0.726 | 71.74 | 74.24 | 0.303 | 63.35 | 62.61 | 0.786 | 60.33 | 60.12 | 0.924 |
| Michigan | 16.70 | 17.74 | 0.311 | 61.71 | 64.08 | 0.108 | 48.65 ^a | 52.36 | 0.015 | 46.99 ^a | 50.17 | 0.008 |
| Minnesota | 18.88 | 19.81 | 0.606 | 70.30 | 70.12 | 0.938 | 55.86 ^a | 61.94 | 0.021 | 53.76 ^a | 58.36 | 0.026 |
| Mississippi | 13.50 | 12.75 | 0.639 | 43.48 | 46.26 | 0.291 | 29.75 | 32.98 | 0.221 | 29.83 | 32.60 | 0.173 |
| Missouri | 16.06 | 18.01 | 0.271 | 58.94 | 59.72 | 0.773 | 46.37 | 48.42 | 0.462 | 44.81 | 46.66 | 0.403 |

See notes at end of table.

(continued)

Table A.7 Percentages Reporting Past Month Use of Alcohol, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|--------------------|-----------|----------------|--------------------|-----------|----------------|--------------------|-----------|----------------|--------------------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value |
| Montana | 22.00 | 19.68 | 0.252 | 64.31 | 64.40 | 0.971 | 58.61 | 57.32 | 0.606 | 55.32 | 54.10 | 0.543 |
| Nebraska | 19.03 | 21.54 | 0.207 | 71.32 | 68.59 | 0.269 | 53.95 | 56.22 | 0.388 | 52.44 | 54.05 | 0.430 |
| Nevada | 17.89 | 19.63 | 0.399 | 57.53 | 60.40 | 0.310 | 56.10 | 56.19 | 0.973 | 52.62 | 52.98 | 0.869 |
| New Hampshire | 21.15 | 22.60 | 0.487 | 67.38 | 68.36 | 0.715 | 60.50 | 64.13 | 0.175 | 57.23 | 60.20 | 0.166 |
| New Jersey | 17.69 | 17.65 | 0.979 | 58.95 | 61.14 | 0.402 | 54.36 | 56.72 | 0.382 | 51.47 | 53.44 | 0.369 |
| New Mexico | 18.60 | 17.96 | 0.731 | 58.00 | 55.12 | 0.328 | 54.71 | 51.57 | 0.222 | 50.92 | 48.10 | 0.162 |
| New York | 17.18 | 17.64 | 0.668 | 60.39 | 60.52 | 0.930 | 51.92 | 51.01 | 0.571 | 49.51 | 48.90 | 0.629 |
| North Carolina | 12.93 | 13.57 | 0.669 | 52.77 | 50.91 | 0.470 | 37.69 | 39.77 | 0.411 | 37.01 | 38.42 | 0.480 |
| North Dakota | 26.21 | 24.72 | 0.494 | 76.27 | 75.47 | 0.722 | 57.75 | 58.81 | 0.702 | 56.69 | 57.36 | 0.756 |
| Ohio | 15.81 | 16.36 | 0.582 | 58.97 | 60.69 | 0.207 | 47.20 | 49.14 | 0.221 | 45.50 | 47.23 | 0.163 |
| Oklahoma | 14.46 | 15.68 | 0.483 | 51.18 | 53.07 | 0.489 | 37.35 | 38.32 | 0.724 | 36.62 | 37.83 | 0.576 |
| Oregon | 15.88 | 15.18 | 0.680 | 58.92 | 58.42 | 0.847 | 52.17 | 52.00 | 0.950 | 49.48 | 49.16 | 0.885 |
| Pennsylvania | 15.79 ^b | 17.57 | 0.072 | 60.47 | 62.03 | 0.262 | 51.09 | 52.44 | 0.380 | 48.74 | 50.11 | 0.265 |
| Rhode Island | 17.65 | 18.69 | 0.590 | 65.13 | 67.14 | 0.445 | 55.89 ^a | 61.77 | 0.036 | 53.10 ^a | 58.00 | 0.031 |
| South Carolina | 13.31 | 14.96 | 0.302 | 47.07 ^b | 51.69 | 0.077 | 37.15 ^b | 42.00 | 0.063 | 35.89 ^a | 40.50 | 0.028 |
| South Dakota | 20.02 | 19.02 | 0.601 | 69.60 | 68.21 | 0.575 | 52.00 | 54.26 | 0.429 | 50.66 | 52.14 | 0.497 |
| Tennessee | 13.10 | 13.26 | 0.916 | 44.79 | 47.75 | 0.272 | 34.67 | 36.86 | 0.412 | 33.81 | 35.90 | 0.325 |
| Texas | 17.70 | 17.62 | 0.942 | 54.66 | 54.98 | 0.824 | 44.76 | 46.19 | 0.375 | 43.04 | 44.20 | 0.340 |
| Utah | 10.62 | 10.36 | 0.869 | 32.66 | 32.39 | 0.907 | 30.55 | 31.74 | 0.659 | 28.07 | 28.91 | 0.657 |
| Vermont | 19.63 | 21.56 | 0.321 | 67.87 | 69.96 | 0.389 | 59.79 ^a | 65.67 | 0.019 | 56.50 ^a | 61.58 | 0.011 |
| Virginia | 12.24 | 12.39 | 0.918 | 57.91 | 56.83 | 0.700 | 48.40 | 49.87 | 0.598 | 45.96 | 47.02 | 0.635 |
| Washington | 15.10 | 16.16 | 0.525 | 50.60 ^b | 55.61 | 0.059 | 50.69 | 53.72 | 0.307 | 47.03 | 50.03 | 0.199 |
| West Virginia | 16.03 | 17.00 | 0.571 | 48.09 | 51.57 | 0.198 | 32.18 ^b | 36.29 | 0.089 | 32.70 ^b | 36.45 | 0.055 |
| Wisconsin | 21.46 | 20.67 | 0.674 | 68.92 | 69.37 | 0.849 | 60.29 | 63.80 | 0.189 | 57.24 | 59.84 | 0.214 |
| Wyoming | 21.00 | 20.48 | 0.798 | 63.32 | 63.80 | 0.855 | 52.28 | 56.36 | 0.137 | 50.22 | 53.34 | 0.142 |

NOTE: *p* value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.8 Percentages Reporting Past Month *Binge Alcohol* Use, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|-----------|-----------|----------------|--------------------|-----------|----------------|-------------|-----------|----------------|--------------------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Total ¹ | 10.25 | 10.53 | 0.234 | 37.78 | 38.12 | 0.412 | 18.87 | 18.97 | 0.769 | 20.41 | 20.58 | 0.526 |
| Alabama | 9.89 | 10.43 | 0.698 | 31.10 | 31.51 | 0.864 | 16.92 | 17.05 | 0.939 | 18.05 | 18.29 | 0.866 |
| Alaska | 10.86 | 9.83 | 0.462 | 38.35 | 35.42 | 0.266 | 20.00 | 18.88 | 0.549 | 21.49 | 20.19 | 0.375 |
| Arizona | 11.41 | 11.20 | 0.881 | 35.28 | 36.38 | 0.673 | 19.37 | 20.41 | 0.604 | 20.59 | 21.52 | 0.559 |
| Arkansas | 11.93 | 11.15 | 0.568 | 33.37 | 34.76 | 0.560 | 17.43 | 17.59 | 0.924 | 18.91 | 19.17 | 0.852 |
| California | 9.15 | 9.24 | 0.883 | 31.87 | 32.38 | 0.700 | 18.35 | 18.11 | 0.824 | 19.16 | 19.14 | 0.979 |
| Colorado | 12.61 | 12.67 | 0.970 | 46.17 | 45.81 | 0.894 | 20.44 | 19.13 | 0.500 | 22.99 | 22.02 | 0.539 |
| Connecticut | 13.57 | 14.62 | 0.537 | 46.02 | 46.41 | 0.900 | 18.73 | 19.87 | 0.550 | 21.34 | 22.28 | 0.557 |
| Delaware | 11.10 | 10.74 | 0.791 | 42.95 | 40.35 | 0.331 | 20.63 | 19.86 | 0.679 | 22.40 | 21.51 | 0.556 |
| District of Columbia | 6.90 | 7.29 | 0.735 | 32.36 ^a | 39.02 | 0.008 | 18.09 | 20.77 | 0.172 | 18.86 ^b | 21.96 | 0.053 |
| Florida | 8.44 | 9.12 | 0.377 | 34.55 | 33.29 | 0.386 | 17.57 | 17.94 | 0.740 | 18.54 | 18.78 | 0.796 |
| Georgia | 9.31 | 8.80 | 0.669 | 33.06 | 33.60 | 0.830 | 19.69 | 18.94 | 0.695 | 20.39 | 19.84 | 0.723 |
| Hawaii | 11.27 | 10.71 | 0.725 | 33.76 | 34.64 | 0.756 | 19.29 | 17.21 | 0.291 | 20.22 | 18.71 | 0.350 |
| Idaho | 10.07 | 10.75 | 0.603 | 31.66 ^b | 36.24 | 0.060 | 17.36 | 17.57 | 0.904 | 18.65 | 19.62 | 0.469 |
| Illinois | 11.31 | 11.42 | 0.891 | 42.15 | 42.66 | 0.716 | 21.18 | 22.57 | 0.266 | 22.96 | 24.07 | 0.259 |
| Indiana | 9.26 | 8.25 | 0.394 | 35.89 | 33.71 | 0.380 | 16.79 | 17.87 | 0.540 | 18.55 | 18.99 | 0.758 |
| Iowa | 12.38 | 11.64 | 0.592 | 49.27 | 46.62 | 0.301 | 20.96 | 19.01 | 0.308 | 23.82 | 21.94 | 0.225 |
| Kansas | 9.99 | 10.54 | 0.690 | 40.90 | 41.59 | 0.793 | 18.17 | 17.36 | 0.638 | 20.30 | 19.94 | 0.798 |
| Kentucky | 10.37 | 11.27 | 0.530 | 38.85 | 36.84 | 0.398 | 17.08 | 15.95 | 0.497 | 19.28 | 18.26 | 0.456 |
| Louisiana | 11.33 | 11.28 | 0.971 | 39.57 | 37.94 | 0.512 | 22.03 | 20.82 | 0.550 | 23.32 | 22.27 | 0.507 |
| Maine | 12.02 | 12.84 | 0.575 | 43.11 | 46.25 | 0.256 | 19.25 | 20.40 | 0.508 | 21.29 | 22.65 | 0.346 |
| Maryland | 8.76 | 10.57 | 0.165 | 32.69 ^b | 37.09 | 0.074 | 16.09 | 18.04 | 0.274 | 17.33 | 19.54 | 0.137 |
| Massachusetts | 14.01 | 13.74 | 0.869 | 52.18 | 52.55 | 0.894 | 23.00 | 23.44 | 0.840 | 25.54 | 25.90 | 0.836 |
| Michigan | 10.85 | 12.23 | 0.112 | 41.43 | 43.78 | 0.116 | 19.41 | 19.60 | 0.860 | 21.37 | 21.93 | 0.512 |
| Minnesota | 12.42 | 12.59 | 0.909 | 50.16 | 48.48 | 0.540 | 19.92 | 21.36 | 0.461 | 23.15 | 24.05 | 0.569 |
| Mississippi | 8.44 | 8.73 | 0.821 | 27.72 | 30.46 | 0.232 | 15.96 | 17.36 | 0.449 | 16.76 | 18.27 | 0.299 |
| Missouri | 10.45 | 12.02 | 0.291 | 39.10 | 38.80 | 0.904 | 18.27 | 17.86 | 0.821 | 20.15 | 19.97 | 0.904 |

See notes at end of table.

(continued)

Table A.8 Percentages Reporting Past Month *Binge Alcohol* Use, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|-----------|-----------|----------------|--------------------|-----------|----------------|-------------|-----------|----------------|-----------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Montana | 14.48 | 12.86 | 0.307 | 46.20 | 46.99 | 0.760 | 21.16 | 20.58 | 0.747 | 23.64 | 23.21 | 0.768 |
| Nebraska | 12.83 | 13.68 | 0.607 | 48.79 | 47.26 | 0.575 | 20.87 | 19.63 | 0.491 | 23.80 | 22.80 | 0.490 |
| Nevada | 12.25 | 12.92 | 0.679 | 38.55 | 41.77 | 0.294 | 22.66 | 22.36 | 0.887 | 23.55 | 23.75 | 0.907 |
| New Hampshire | 12.25 | 12.90 | 0.660 | 44.41 | 46.01 | 0.575 | 18.20 | 19.43 | 0.484 | 20.68 | 21.85 | 0.419 |
| New Jersey | 10.60 | 10.92 | 0.797 | 37.62 | 39.07 | 0.590 | 19.61 | 20.02 | 0.834 | 20.87 | 21.32 | 0.784 |
| New Mexico | 12.00 | 13.31 | 0.400 | 40.69 | 40.01 | 0.807 | 22.11 | 20.87 | 0.514 | 23.54 | 22.68 | 0.570 |
| New York | 10.01 | 10.37 | 0.662 | 39.28 | 39.89 | 0.691 | 18.54 | 17.67 | 0.451 | 20.24 | 19.67 | 0.542 |
| North Carolina | 8.39 | 8.51 | 0.912 | 33.12 | 32.29 | 0.730 | 15.40 | 15.75 | 0.832 | 16.85 | 17.02 | 0.895 |
| North Dakota | 18.12 | 17.88 | 0.903 | 58.11 | 59.31 | 0.645 | 25.25 | 24.88 | 0.868 | 29.06 | 29.04 | 0.991 |
| Ohio | 10.26 | 10.64 | 0.655 | 41.59 | 43.10 | 0.282 | 20.14 | 19.59 | 0.616 | 21.91 | 21.71 | 0.822 |
| Oklahoma | 9.82 | 10.41 | 0.670 | 35.25 | 36.78 | 0.547 | 16.08 | 16.15 | 0.965 | 17.93 | 18.33 | 0.766 |
| Oregon | 9.57 | 9.57 | 0.999 | 36.95 | 37.24 | 0.907 | 17.04 | 16.13 | 0.608 | 18.78 | 18.14 | 0.661 |
| Pennsylvania | 9.87 | 11.08 | 0.147 | 42.28 | 43.61 | 0.367 | 20.11 | 20.55 | 0.685 | 21.70 | 22.31 | 0.493 |
| Rhode Island | 10.98 | 12.10 | 0.460 | 47.26 | 46.27 | 0.723 | 20.07 | 22.50 | 0.216 | 22.24 | 24.18 | 0.226 |
| South Carolina | 9.24 | 9.48 | 0.843 | 32.03 | 34.20 | 0.358 | 17.59 | 18.60 | 0.585 | 18.50 | 19.67 | 0.436 |
| South Dakota | 14.41 | 13.37 | 0.533 | 49.80 | 46.82 | 0.262 | 22.94 | 21.91 | 0.593 | 25.67 | 24.48 | 0.435 |
| Tennessee | 8.10 | 8.11 | 0.994 | 31.37 | 29.29 | 0.422 | 15.46 | 14.84 | 0.697 | 16.75 | 16.01 | 0.580 |
| Texas | 11.01 | 10.63 | 0.628 | 35.73 | 36.77 | 0.444 | 19.95 | 20.20 | 0.833 | 21.22 | 21.54 | 0.722 |
| Utah | 6.71 | 7.02 | 0.804 | 22.87 | 23.09 | 0.919 | 12.69 | 13.08 | 0.810 | 13.73 | 14.19 | 0.694 |
| Vermont | 11.58 | 13.15 | 0.296 | 48.29 | 48.21 | 0.975 | 19.44 | 20.57 | 0.522 | 22.13 | 23.19 | 0.461 |
| Virginia | 6.97 | 7.55 | 0.582 | 38.23 ^b | 33.26 | 0.081 | 16.82 | 16.60 | 0.900 | 18.46 | 17.78 | 0.631 |
| Washington | 9.38 | 10.20 | 0.510 | 32.02 | 35.45 | 0.165 | 16.54 | 17.27 | 0.681 | 17.76 | 18.88 | 0.433 |
| West Virginia | 11.65 | 11.75 | 0.948 | 35.31 | 37.71 | 0.343 | 15.70 | 15.82 | 0.936 | 17.78 | 18.20 | 0.744 |
| Wisconsin | 13.39 | 13.11 | 0.851 | 49.57 | 49.95 | 0.882 | 24.95 | 26.75 | 0.390 | 26.95 | 28.34 | 0.402 |
| Wyoming | 14.90 | 13.67 | 0.484 | 47.65 | 45.30 | 0.380 | 21.73 | 21.50 | 0.908 | 24.66 | 24.08 | 0.712 |

NOTE: *p* value: Bayes posterior probability of no change.

NOTE: Binge Alcohol Use is defined as drinking five or more drinks on the same occasion on at least 1 day in the past 30 days. By "occasion" is meant at the same time or within a couple hours of each other.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.9 Percentages Reporting Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|-----------|-----------|---------|--------------------|-----------|---------|--------------------|-----------|---------|--------------------|-----------|---------|
| | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value |
| Total ¹ | 42.74 | 43.05 | 0.457 | 37.28 | 36.82 | 0.268 | 48.15 | 48.69 | 0.253 | 46.18 | 46.56 | 0.311 |
| Alabama | 45.33 | 46.64 | 0.601 | 37.94 | 41.13 | 0.219 | 48.74 | 52.09 | 0.269 | 46.99 | 50.11 | 0.198 |
| Alaska | 39.61 | 39.87 | 0.919 | 35.31 | 36.88 | 0.538 | 47.16 | 47.43 | 0.918 | 44.48 | 44.83 | 0.860 |
| Arizona | 43.66 | 41.76 | 0.449 | 39.02 | 36.93 | 0.416 | 47.73 | 47.08 | 0.824 | 46.11 | 45.12 | 0.664 |
| Arkansas | 43.32 | 44.32 | 0.697 | 36.27 | 36.01 | 0.919 | 51.99 | 51.85 | 0.954 | 49.07 | 48.99 | 0.970 |
| California | 43.74 | 45.68 | 0.108 | 43.66 | 42.80 | 0.542 | 50.81 ^a | 54.03 | 0.050 | 49.06 ^a | 51.58 | 0.046 |
| Colorado | 39.20 | 39.69 | 0.852 | 30.43 | 29.48 | 0.704 | 45.68 | 45.06 | 0.826 | 43.00 | 42.40 | 0.789 |
| Connecticut | 40.92 | 40.40 | 0.840 | 34.94 | 34.52 | 0.881 | 45.98 | 44.29 | 0.549 | 44.25 | 42.83 | 0.540 |
| Delaware | 41.09 | 41.19 | 0.969 | 36.73 | 34.76 | 0.433 | 47.02 | 46.08 | 0.726 | 45.15 | 44.19 | 0.653 |
| District of Columbia | 50.77 | 50.48 | 0.923 | 49.49 ^a | 41.46 | 0.003 | 57.65 ^b | 53.28 | 0.100 | 55.86 ^a | 51.52 | 0.045 |
| Florida | 46.90 | 45.82 | 0.485 | 42.72 | 42.33 | 0.800 | 51.62 | 50.97 | 0.682 | 50.23 | 49.54 | 0.597 |
| Georgia | 46.42 | 47.99 | 0.479 | 38.91 | 40.00 | 0.672 | 49.18 | 51.30 | 0.455 | 47.51 | 49.42 | 0.394 |
| Hawaii | 41.57 | 44.44 | 0.294 | 35.30 | 32.26 | 0.294 | 45.70 | 45.34 | 0.902 | 44.06 | 43.66 | 0.867 |
| Idaho | 40.98 | 42.27 | 0.611 | 36.30 | 34.19 | 0.385 | 47.10 | 47.48 | 0.885 | 44.73 | 44.82 | 0.964 |
| Illinois | 42.57 | 42.29 | 0.839 | 35.76 | 34.19 | 0.270 | 45.89 | 46.17 | 0.857 | 44.20 | 44.19 | 0.990 |
| Indiana | 41.87 | 41.86 | 0.995 | 35.11 | 34.79 | 0.895 | 44.99 | 46.20 | 0.657 | 43.35 | 44.23 | 0.686 |
| Iowa | 38.06 | 40.06 | 0.435 | 26.50 | 27.90 | 0.544 | 39.64 | 43.64 | 0.129 | 37.73 | 41.15 | 0.102 |
| Kansas | 39.82 | 40.01 | 0.944 | 34.91 | 30.61 | 0.102 | 43.84 | 43.94 | 0.970 | 42.19 | 41.67 | 0.813 |
| Kentucky | 45.18 | 42.90 | 0.368 | 34.70 | 32.61 | 0.374 | 53.44 | 49.98 | 0.206 | 50.14 | 46.96 | 0.148 |
| Louisiana | 44.84 | 44.28 | 0.819 | 38.68 | 40.94 | 0.375 | 50.26 | 49.51 | 0.785 | 47.94 | 47.64 | 0.888 |
| Maine | 37.91 | 36.23 | 0.481 | 29.64 | 31.06 | 0.569 | 46.04 | 45.58 | 0.853 | 43.35 | 42.96 | 0.848 |
| Maryland | 45.08 | 43.20 | 0.446 | 41.01 | 39.57 | 0.562 | 50.15 | 48.13 | 0.459 | 48.57 | 46.62 | 0.377 |
| Massachusetts | 35.25 | 35.52 | 0.908 | 27.84 | 28.25 | 0.869 | 42.27 | 40.53 | 0.537 | 39.91 | 38.61 | 0.568 |
| Michigan | 39.74 | 41.03 | 0.347 | 34.79 | 34.30 | 0.731 | 46.01 | 47.19 | 0.441 | 43.89 | 44.86 | 0.418 |
| Minnesota | 38.20 | 41.90 | 0.130 | 32.10 | 30.34 | 0.468 | 43.12 | 44.41 | 0.631 | 41.11 | 42.23 | 0.600 |
| Mississippi | 48.54 | 48.74 | 0.940 | 44.80 | 46.63 | 0.480 | 53.45 | 52.24 | 0.665 | 51.66 | 51.04 | 0.774 |
| Missouri | 40.58 | 37.86 | 0.274 | 30.89 | 32.14 | 0.606 | 45.88 | 44.48 | 0.618 | 43.38 | 42.16 | 0.581 |

See notes at end of table.

(continued)

Table A.9 Percentages Reporting Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|-----------|-----------|----------------|-----------|-----------|----------------|-------------|-----------|----------------|-----------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Montana | 36.21 | 37.04 | 0.737 | 29.30 | 27.88 | 0.526 | 41.12 | 42.74 | 0.531 | 39.06 | 40.15 | 0.593 |
| Nebraska | 39.56 | 35.55 | 0.105 | 26.93 | 28.48 | 0.508 | 42.98 | 41.42 | 0.544 | 40.40 | 38.96 | 0.473 |
| Nevada | 42.14 | 41.51 | 0.813 | 39.02 | 39.39 | 0.901 | 45.00 | 46.57 | 0.561 | 44.02 | 45.19 | 0.600 |
| New Hampshire | 37.91 | 35.65 | 0.346 | 27.33 | 25.43 | 0.453 | 43.79 | 41.20 | 0.314 | 41.24 | 38.77 | 0.231 |
| New Jersey | 41.69 | 43.01 | 0.555 | 37.19 | 35.50 | 0.520 | 47.00 | 50.43 | 0.210 | 45.36 | 48.01 | 0.234 |
| New Mexico | 40.47 | 40.39 | 0.976 | 39.12 | 37.63 | 0.596 | 51.51 | 53.37 | 0.470 | 48.46 | 49.62 | 0.565 |
| New York | 43.11 | 45.05 | 0.200 | 38.33 | 37.15 | 0.449 | 48.96 | 50.60 | 0.321 | 47.07 | 48.41 | 0.310 |
| North Carolina | 47.23 | 44.20 | 0.183 | 38.07 | 39.20 | 0.661 | 48.32 | 48.99 | 0.802 | 46.96 | 47.30 | 0.874 |
| North Dakota | 35.60 | 36.38 | 0.749 | 26.00 | 26.36 | 0.873 | 38.77 | 39.44 | 0.798 | 36.59 | 37.21 | 0.758 |
| Ohio | 42.55 | 41.72 | 0.554 | 33.06 | 32.58 | 0.728 | 44.36 | 44.60 | 0.875 | 42.71 | 42.74 | 0.980 |
| Oklahoma | 42.11 | 41.10 | 0.708 | 38.96 | 38.65 | 0.908 | 52.19 | 51.12 | 0.709 | 49.30 | 48.31 | 0.661 |
| Oregon | 39.53 | 40.98 | 0.572 | 31.18 | 30.82 | 0.878 | 45.38 | 45.56 | 0.950 | 43.06 | 43.25 | 0.933 |
| Pennsylvania | 41.46 | 41.84 | 0.784 | 30.79 | 31.03 | 0.857 | 41.80 | 43.52 | 0.279 | 40.48 | 41.89 | 0.261 |
| Rhode Island | 43.28 | 42.07 | 0.640 | 35.31 | 31.88 | 0.203 | 47.35 | 44.58 | 0.287 | 45.58 | 42.86 | 0.203 |
| South Carolina | 48.42 | 45.74 | 0.303 | 42.42 | 40.97 | 0.590 | 52.94 | 49.37 | 0.203 | 51.17 | 47.93 | 0.149 |
| South Dakota | 34.87 | 35.35 | 0.842 | 25.16 | 25.42 | 0.909 | 40.71 | 39.14 | 0.544 | 37.85 | 36.73 | 0.572 |
| Tennessee | 45.84 | 46.73 | 0.737 | 39.34 | 39.10 | 0.930 | 55.54 | 54.75 | 0.785 | 52.52 | 51.96 | 0.812 |
| Texas | 43.67 | 43.85 | 0.893 | 42.34 | 40.60 | 0.224 | 52.95 | 51.65 | 0.439 | 50.30 | 49.12 | 0.350 |
| Utah | 50.34 | 47.72 | 0.341 | 46.98 | 45.29 | 0.497 | 55.50 | 52.38 | 0.264 | 53.17 | 50.36 | 0.155 |
| Vermont | 35.48 | 35.03 | 0.850 | 26.86 | 28.83 | 0.392 | 42.45 | 42.23 | 0.930 | 39.80 | 39.83 | 0.990 |
| Virginia | 45.38 | 45.22 | 0.947 | 35.95 | 35.84 | 0.966 | 48.26 | 49.76 | 0.573 | 46.47 | 47.58 | 0.606 |
| Washington | 36.45 | 39.53 | 0.186 | 34.05 | 35.22 | 0.654 | 50.85 | 49.60 | 0.669 | 47.26 | 46.68 | 0.803 |
| West Virginia | 38.45 | 41.08 | 0.280 | 34.53 | 33.36 | 0.640 | 48.64 | 47.73 | 0.720 | 45.95 | 45.32 | 0.761 |
| Wisconsin | 36.99 | 37.63 | 0.781 | 28.28 | 29.65 | 0.547 | 40.37 | 41.45 | 0.674 | 38.41 | 39.47 | 0.597 |
| Wyoming | 36.61 | 36.74 | 0.961 | 29.53 | 30.09 | 0.824 | 42.21 | 45.56 | 0.208 | 39.73 | 42.29 | 0.220 |

NOTE: *p* value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.10 Percentages Reporting Past Month Use of *Any Tobacco Product*, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|--------------------|-----------|----------------|-----------|-----------|----------------|-------------|-----------|----------------|-----------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Total ¹ | 16.49 ^a | 15.37 | 0.000 | 43.75 | 43.36 | 0.369 | 29.22 | 28.91 | 0.460 | 29.76 | 29.38 | 0.238 |
| Alabama | 18.41 | 16.71 | 0.381 | 43.06 | 42.08 | 0.722 | 33.92 | 30.72 | 0.254 | 33.53 | 30.82 | 0.223 |
| Alaska | 19.77 | 19.64 | 0.948 | 47.35 | 47.88 | 0.847 | 30.80 | 29.13 | 0.483 | 31.79 | 30.73 | 0.563 |
| Arizona | 14.78 | 13.24 | 0.361 | 43.47 | 40.20 | 0.209 | 28.09 | 27.77 | 0.895 | 28.63 | 27.81 | 0.664 |
| Arkansas | 23.41 ^a | 18.21 | 0.011 | 44.00 | 47.11 | 0.228 | 35.22 | 33.18 | 0.420 | 35.12 | 33.45 | 0.401 |
| California | 10.36 | 9.87 | 0.488 | 32.64 | 33.05 | 0.768 | 23.97 | 23.95 | 0.988 | 23.64 | 23.71 | 0.951 |
| Colorado | 21.10 | 18.50 | 0.237 | 48.93 | 50.38 | 0.606 | 29.17 | 27.76 | 0.553 | 30.91 | 29.81 | 0.561 |
| Connecticut | 19.84 | 18.45 | 0.506 | 45.55 | 47.02 | 0.636 | 25.13 | 26.69 | 0.511 | 26.95 | 28.13 | 0.549 |
| Delaware | 19.96 | 17.42 | 0.196 | 48.24 | 46.55 | 0.526 | 29.61 | 28.27 | 0.567 | 30.91 | 29.47 | 0.445 |
| District of Columbia | 11.76 | 11.27 | 0.780 | 36.14 | 38.96 | 0.285 | 27.34 | 29.04 | 0.489 | 26.92 | 28.79 | 0.346 |
| Florida | 13.89 | 13.08 | 0.426 | 40.15 | 41.14 | 0.525 | 29.30 | 28.79 | 0.722 | 29.04 | 28.65 | 0.744 |
| Georgia | 16.88 | 14.86 | 0.202 | 42.69 | 42.80 | 0.966 | 32.45 | 32.71 | 0.917 | 32.17 | 32.16 | 0.997 |
| Hawaii | 13.93 | 12.99 | 0.606 | 40.06 | 38.81 | 0.686 | 24.49 | 21.58 | 0.197 | 25.30 | 22.85 | 0.187 |
| Idaho | 14.50 | 13.00 | 0.378 | 40.21 | 41.17 | 0.709 | 30.75 | 28.14 | 0.273 | 30.22 | 28.33 | 0.299 |
| Illinois | 17.84 | 16.42 | 0.162 | 47.38 | 47.86 | 0.742 | 30.19 | 30.58 | 0.788 | 31.21 | 31.40 | 0.871 |
| Indiana | 19.14 | 17.60 | 0.390 | 48.27 | 46.61 | 0.519 | 31.93 | 32.64 | 0.773 | 32.78 | 32.94 | 0.934 |
| Iowa | 18.77 | 16.56 | 0.243 | 51.04 | 48.68 | 0.372 | 30.22 | 29.15 | 0.647 | 31.78 | 30.44 | 0.476 |
| Kansas | 16.92 | 16.57 | 0.860 | 48.03 | 46.07 | 0.482 | 28.90 | 30.66 | 0.470 | 30.12 | 31.22 | 0.567 |
| Kentucky | 26.03 | 25.53 | 0.826 | 55.11 | 54.65 | 0.858 | 36.39 | 37.67 | 0.625 | 37.82 | 38.72 | 0.666 |
| Louisiana | 17.08 | 16.63 | 0.799 | 43.92 | 44.69 | 0.758 | 32.08 | 35.90 | 0.125 | 32.04 | 35.00 | 0.125 |
| Maine | 18.17 | 16.54 | 0.407 | 48.14 | 48.49 | 0.905 | 28.71 | 28.29 | 0.843 | 29.92 | 29.46 | 0.793 |
| Maryland | 16.32 | 15.56 | 0.680 | 39.11 | 41.52 | 0.349 | 26.83 | 27.07 | 0.920 | 27.25 | 27.62 | 0.850 |
| Massachusetts | 17.25 | 15.65 | 0.329 | 47.01 | 45.53 | 0.608 | 26.12 | 24.81 | 0.566 | 27.70 | 26.35 | 0.469 |
| Michigan | 17.40 | 17.04 | 0.740 | 48.98 | 48.84 | 0.921 | 30.81 | 30.32 | 0.719 | 31.76 | 31.29 | 0.662 |
| Minnesota | 21.11 | 19.77 | 0.500 | 52.73 | 49.24 | 0.185 | 30.75 | 28.73 | 0.377 | 32.64 | 30.50 | 0.237 |
| Mississippi | 19.64 ^b | 16.46 | 0.093 | 41.99 | 42.97 | 0.697 | 34.13 | 34.66 | 0.840 | 33.57 | 33.80 | 0.913 |
| Missouri | 19.38 | 17.16 | 0.253 | 51.99 | 49.05 | 0.286 | 34.92 | 32.69 | 0.377 | 35.50 | 33.17 | 0.252 |

See notes at end of table.

(continued)

Table A.10 Percentages Reporting Past Month Use of *Any Tobacco Product*, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|--------------------|-----------|----------------|-----------|-----------|----------------|-------------|-----------|----------------|-----------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Montana | 21.63 | 18.70 | 0.159 | 49.56 | 49.56 | 0.998 | 31.87 | 29.19 | 0.252 | 33.02 | 30.72 | 0.217 |
| Nebraska | 15.05 | 18.10 | 0.113 | 49.61 | 50.73 | 0.681 | 29.04 | 29.66 | 0.797 | 30.30 | 31.28 | 0.601 |
| Nevada | 18.55 | 15.86 | 0.190 | 45.07 | 45.81 | 0.809 | 33.94 | 32.95 | 0.701 | 33.78 | 32.76 | 0.625 |
| New Hampshire | 17.88 | 18.25 | 0.852 | 45.42 | 45.83 | 0.890 | 28.25 | 28.36 | 0.960 | 29.20 | 29.33 | 0.943 |
| New Jersey | 14.70 | 14.25 | 0.763 | 43.38 | 43.38 | 0.999 | 25.00 | 25.22 | 0.923 | 26.18 | 26.23 | 0.980 |
| New Mexico | 18.50 | 19.82 | 0.536 | 46.59 | 43.21 | 0.256 | 28.51 | 29.73 | 0.596 | 29.88 | 30.46 | 0.749 |
| New York | 13.60 | 13.55 | 0.957 | 39.49 | 41.02 | 0.311 | 26.46 | 24.46 | 0.141 | 26.78 | 25.41 | 0.212 |
| North Carolina | 19.73 | 17.64 | 0.248 | 49.60 | 47.24 | 0.374 | 32.12 | 32.28 | 0.948 | 32.99 | 32.60 | 0.841 |
| North Dakota | 24.90 | 23.56 | 0.552 | 52.90 | 50.59 | 0.393 | 30.54 | 28.48 | 0.371 | 33.04 | 31.11 | 0.281 |
| Ohio | 18.78 | 17.99 | 0.479 | 51.84 | 50.07 | 0.237 | 33.34 | 33.47 | 0.924 | 34.25 | 34.02 | 0.834 |
| Oklahoma | 18.71 | 18.30 | 0.846 | 49.17 | 46.62 | 0.336 | 35.86 | 34.76 | 0.671 | 35.71 | 34.56 | 0.574 |
| Oregon | 17.48 ^a | 13.47 | 0.026 | 48.29 | 45.31 | 0.260 | 30.65 | 28.03 | 0.296 | 31.55 | 28.76 | 0.169 |
| Pennsylvania | 18.65 | 17.28 | 0.182 | 48.38 | 49.06 | 0.653 | 30.50 | 30.73 | 0.869 | 31.43 | 31.54 | 0.923 |
| Rhode Island | 15.88 | 15.47 | 0.831 | 41.96 | 45.91 | 0.162 | 30.00 | 29.19 | 0.726 | 29.94 | 29.72 | 0.908 |
| South Carolina | 17.77 | 16.09 | 0.354 | 40.10 | 41.15 | 0.693 | 30.41 | 32.19 | 0.475 | 30.29 | 31.70 | 0.478 |
| South Dakota | 23.54 | 21.56 | 0.362 | 51.05 | 51.03 | 0.994 | 28.68 | 31.76 | 0.188 | 31.19 | 33.33 | 0.242 |
| Tennessee | 19.99 | 19.17 | 0.692 | 49.04 | 47.07 | 0.490 | 33.13 | 32.96 | 0.943 | 33.84 | 33.39 | 0.817 |
| Texas | 15.54 | 14.31 | 0.203 | 40.03 | 38.95 | 0.427 | 27.74 | 27.85 | 0.939 | 28.12 | 27.93 | 0.860 |
| Utah | 10.57 | 8.69 | 0.278 | 27.48 | 27.80 | 0.898 | 19.73 | 18.33 | 0.541 | 19.86 | 18.84 | 0.529 |
| Vermont | 17.72 | 18.89 | 0.545 | 47.85 | 48.90 | 0.702 | 28.19 | 29.14 | 0.661 | 29.48 | 30.49 | 0.565 |
| Virginia | 14.87 | 13.48 | 0.376 | 44.57 | 43.22 | 0.631 | 26.50 | 27.98 | 0.522 | 27.55 | 28.44 | 0.636 |
| Washington | 15.01 | 14.37 | 0.686 | 37.88 | 40.21 | 0.371 | 29.32 | 28.66 | 0.793 | 28.94 | 28.66 | 0.891 |
| West Virginia | 23.14 | 21.36 | 0.412 | 54.45 | 54.04 | 0.874 | 38.48 | 36.71 | 0.461 | 39.08 | 37.49 | 0.415 |
| Wisconsin | 19.92 | 18.35 | 0.388 | 52.14 | 49.04 | 0.241 | 28.94 | 27.57 | 0.553 | 31.03 | 29.42 | 0.376 |
| Wyoming | 20.56 | 21.10 | 0.792 | 51.72 | 53.75 | 0.476 | 31.07 | 33.59 | 0.302 | 32.82 | 35.11 | 0.227 |

NOTE: *p* value: Bayes posterior probability of no change.

NOTE: Use of any Tobacco product indicates using at least once cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.11 Percentages Reporting Past Month Use of *Cigarettes*, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|--------------------|-----------|----------------|-----------|-----------|----------------|-------------|-----------|----------------|-----------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value | 1999-2000 | 2000-2001 | <i>p</i> value |
| Total ¹ | 14.15 ^a | 13.27 | 0.001 | 38.69 | 38.60 | 0.833 | 24.59 | 24.22 | 0.358 | 25.32 | 24.94 | 0.242 |
| Alabama | 15.81 | 13.62 | 0.207 | 35.90 | 35.88 | 0.994 | 26.45 | 24.56 | 0.410 | 26.60 | 24.95 | 0.371 |
| Alaska | 16.37 | 15.32 | 0.574 | 43.83 | 42.43 | 0.618 | 23.13 | 21.85 | 0.535 | 25.26 | 24.12 | 0.477 |
| Arizona | 13.95 | 12.02 | 0.239 | 39.60 | 36.82 | 0.315 | 23.04 | 22.26 | 0.729 | 24.21 | 23.07 | 0.524 |
| Arkansas | 18.56 ^a | 14.64 | 0.032 | 37.29 | 39.16 | 0.460 | 28.35 | 27.89 | 0.846 | 28.48 | 27.99 | 0.793 |
| California | 8.85 | 8.71 | 0.835 | 29.78 | 29.90 | 0.929 | 21.58 | 21.49 | 0.944 | 21.29 | 21.30 | 0.995 |
| Colorado | 17.17 | 15.50 | 0.366 | 44.01 | 45.46 | 0.591 | 23.17 | 21.66 | 0.470 | 25.27 | 24.20 | 0.516 |
| Connecticut | 16.63 | 17.24 | 0.765 | 42.18 | 43.99 | 0.546 | 22.40 | 23.44 | 0.635 | 24.11 | 25.10 | 0.583 |
| Delaware | 15.39 | 15.36 | 0.989 | 43.72 | 42.48 | 0.639 | 25.78 | 24.06 | 0.435 | 26.93 | 25.49 | 0.428 |
| District of Columbia | 9.90 | 9.21 | 0.653 | 32.42 | 34.40 | 0.436 | 25.28 | 25.48 | 0.928 | 24.66 | 25.23 | 0.752 |
| Florida | 11.30 | 11.21 | 0.920 | 34.96 | 36.18 | 0.411 | 25.23 | 24.41 | 0.567 | 24.98 | 24.44 | 0.645 |
| Georgia | 14.19 | 12.06 | 0.132 | 37.29 | 36.53 | 0.770 | 26.45 | 24.43 | 0.389 | 26.60 | 24.74 | 0.309 |
| Hawaii | 12.05 | 11.51 | 0.742 | 39.63 | 39.16 | 0.880 | 21.14 | 19.01 | 0.324 | 22.45 | 20.74 | 0.336 |
| Idaho | 12.64 | 10.97 | 0.291 | 36.28 | 36.21 | 0.979 | 23.14 | 22.20 | 0.661 | 23.87 | 23.01 | 0.600 |
| Illinois | 15.54 | 14.09 | 0.121 | 42.94 | 43.47 | 0.720 | 25.46 | 25.51 | 0.969 | 26.77 | 26.70 | 0.946 |
| Indiana | 16.28 | 14.96 | 0.432 | 41.31 | 40.02 | 0.608 | 26.24 | 26.83 | 0.794 | 27.22 | 27.36 | 0.938 |
| Iowa | 16.89 | 14.56 | 0.205 | 42.87 | 43.15 | 0.918 | 24.02 | 23.03 | 0.635 | 25.77 | 24.83 | 0.574 |
| Kansas | 13.66 | 12.98 | 0.692 | 39.62 | 38.91 | 0.801 | 22.97 | 24.06 | 0.628 | 24.16 | 24.88 | 0.689 |
| Kentucky | 22.42 | 22.23 | 0.929 | 47.01 | 46.88 | 0.959 | 31.32 | 31.33 | 0.997 | 32.49 | 32.49 | 0.997 |
| Louisiana | 14.92 | 14.17 | 0.663 | 40.05 | 40.12 | 0.978 | 27.21 | 29.98 | 0.250 | 27.63 | 29.68 | 0.269 |
| Maine | 16.72 | 14.11 | 0.148 | 44.67 | 45.24 | 0.846 | 25.23 | 24.93 | 0.876 | 26.64 | 26.21 | 0.787 |
| Maryland | 14.04 | 13.59 | 0.789 | 35.06 | 38.23 | 0.213 | 22.84 | 23.70 | 0.698 | 23.42 | 24.40 | 0.592 |
| Massachusetts | 15.49 | 13.96 | 0.375 | 41.33 | 41.31 | 0.996 | 22.84 | 21.40 | 0.486 | 24.29 | 23.01 | 0.451 |
| Michigan | 15.88 | 15.12 | 0.450 | 43.29 | 43.60 | 0.837 | 25.88 | 25.93 | 0.967 | 27.09 | 27.06 | 0.973 |
| Minnesota | 19.34 | 17.36 | 0.312 | 48.36 | 44.50 | 0.146 | 24.35 | 22.19 | 0.315 | 27.02 | 24.66 | 0.169 |
| Mississippi | 14.79 | 12.53 | 0.202 | 33.65 | 35.53 | 0.443 | 27.39 | 26.91 | 0.848 | 26.83 | 26.52 | 0.875 |
| Missouri | 15.09 | 14.20 | 0.607 | 45.62 | 43.14 | 0.374 | 28.29 | 26.87 | 0.553 | 29.15 | 27.65 | 0.435 |

See notes at end of table.

(continued)

Table A.11 Percentages Reporting Past Month Use of Cigarettes, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|--------------------|-----------|---------|--------------------|-----------|---------|-------------|-----------|---------|-----------|-----------|---------|
| | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value | 1999-2000 | 2000-2001 | p value |
| Montana | 17.47 | 15.30 | 0.248 | 41.39 | 42.26 | 0.728 | 22.10 | 20.70 | 0.487 | 24.07 | 22.95 | 0.491 |
| Nebraska | 13.91 | 15.70 | 0.328 | 43.01 | 44.16 | 0.674 | 20.90 | 22.09 | 0.556 | 23.14 | 24.44 | 0.429 |
| Nevada | 16.42 | 14.50 | 0.320 | 41.27 | 41.55 | 0.925 | 28.77 | 28.48 | 0.905 | 29.07 | 28.64 | 0.829 |
| New Hampshire | 15.76 | 16.41 | 0.725 | 42.35 | 43.67 | 0.666 | 24.15 | 24.40 | 0.905 | 25.43 | 25.80 | 0.824 |
| New Jersey | 12.58 | 12.67 | 0.949 | 39.67 | 39.08 | 0.829 | 22.24 | 22.10 | 0.947 | 23.37 | 23.13 | 0.886 |
| New Mexico | 15.80 | 18.59 | 0.169 | 41.19 | 39.04 | 0.439 | 23.73 | 24.28 | 0.795 | 25.26 | 25.69 | 0.797 |
| New York | 12.25 | 12.36 | 0.905 | 36.08 | 38.25 | 0.154 | 24.09 | 22.18 | 0.159 | 24.39 | 23.18 | 0.267 |
| North Carolina | 17.29 | 14.75 | 0.134 | 44.04 | 41.50 | 0.337 | 27.03 | 27.14 | 0.962 | 28.11 | 27.61 | 0.781 |
| North Dakota | 20.61 | 19.90 | 0.737 | 46.03 | 46.34 | 0.910 | 23.65 | 22.37 | 0.536 | 26.46 | 25.54 | 0.580 |
| Ohio | 15.89 | 15.24 | 0.527 | 44.87 | 43.79 | 0.450 | 28.18 | 28.55 | 0.781 | 29.09 | 29.15 | 0.952 |
| Oklahoma | 14.95 | 15.17 | 0.908 | 42.67 | 40.18 | 0.329 | 28.07 | 26.17 | 0.426 | 28.54 | 26.86 | 0.370 |
| Oregon | 15.03 ^b | 11.83 | 0.059 | 41.99 | 39.28 | 0.319 | 23.61 | 22.05 | 0.485 | 25.05 | 23.21 | 0.307 |
| Pennsylvania | 16.44 ^b | 14.80 | 0.093 | 41.88 | 42.79 | 0.547 | 25.08 | 25.24 | 0.895 | 26.20 | 26.26 | 0.951 |
| Rhode Island | 14.03 | 14.40 | 0.840 | 37.25 ^b | 42.66 | 0.053 | 26.40 | 26.31 | 0.965 | 26.39 | 26.98 | 0.740 |
| South Carolina | 15.49 | 13.72 | 0.317 | 35.46 | 37.03 | 0.548 | 25.54 | 26.06 | 0.827 | 25.72 | 26.21 | 0.798 |
| South Dakota | 18.95 | 17.77 | 0.554 | 44.60 | 44.63 | 0.992 | 22.22 | 24.26 | 0.334 | 24.96 | 26.42 | 0.377 |
| Tennessee | 17.15 | 16.94 | 0.911 | 44.38 | 41.90 | 0.373 | 27.02 | 27.62 | 0.802 | 28.24 | 28.38 | 0.944 |
| Texas | 12.59 | 12.08 | 0.564 | 34.67 | 34.52 | 0.914 | 23.26 | 23.29 | 0.980 | 23.68 | 23.65 | 0.981 |
| Utah | 10.05 | 7.93 | 0.203 | 24.75 | 25.33 | 0.812 | 16.91 | 16.06 | 0.699 | 17.39 | 16.75 | 0.677 |
| Vermont | 14.49 | 16.00 | 0.388 | 43.66 | 44.22 | 0.826 | 22.59 | 22.66 | 0.969 | 24.30 | 24.62 | 0.845 |
| Virginia | 13.13 | 11.71 | 0.325 | 38.41 | 39.12 | 0.795 | 22.92 | 24.37 | 0.502 | 23.84 | 24.95 | 0.528 |
| Washington | 13.44 | 13.01 | 0.784 | 34.42 | 35.65 | 0.633 | 23.54 | 22.79 | 0.747 | 23.87 | 23.43 | 0.811 |
| West Virginia | 19.90 | 18.27 | 0.430 | 45.55 | 45.13 | 0.872 | 29.34 | 28.21 | 0.617 | 30.51 | 29.43 | 0.563 |
| Wisconsin | 17.70 | 15.85 | 0.283 | 45.96 | 43.82 | 0.422 | 23.46 | 22.00 | 0.479 | 25.81 | 24.22 | 0.336 |
| Wyoming | 16.20 | 16.79 | 0.758 | 42.83 | 44.97 | 0.439 | 23.67 | 25.35 | 0.440 | 25.55 | 27.23 | 0.334 |

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.12 Percentages Reporting Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------------|--------------------|-----------|---------|--------------------|-----------|---------|--------------------|-----------|---------|--------------------|-----------|---------|
| | 1999-2000 | 2000-2001 | p value |
| Total ¹ | 62.37 ^a | 63.77 | 0.000 | 63.25 ^a | 64.69 | 0.000 | 69.55 ^a | 71.88 | 0.000 | 67.99 ^a | 70.10 | 0.000 |
| Alabama | 61.65 | 61.41 | 0.927 | 61.63 | 63.45 | 0.464 | 69.33 | 70.90 | 0.546 | 67.55 | 68.98 | 0.494 |
| Alaska | 61.07 | 62.23 | 0.647 | 61.10 | 64.89 | 0.144 | 67.18 ^b | 71.52 | 0.068 | 65.52 ^a | 69.28 | 0.044 |
| Arizona | 63.99 | 64.87 | 0.711 | 63.73 | 66.62 | 0.265 | 71.52 | 73.29 | 0.468 | 69.64 | 71.45 | 0.347 |
| Arkansas | 60.40 | 61.95 | 0.529 | 59.77 | 61.32 | 0.531 | 65.84 | 67.75 | 0.423 | 64.49 | 66.30 | 0.346 |
| California | 66.41 | 66.88 | 0.683 | 72.88 | 72.32 | 0.673 | 73.80 ^a | 76.70 | 0.040 | 72.86 ^a | 75.05 | 0.045 |
| Colorado | 59.47 | 63.48 | 0.133 | 61.68 | 59.58 | 0.450 | 69.56 | 70.85 | 0.609 | 67.46 | 68.55 | 0.593 |
| Connecticut | 62.50 | 62.63 | 0.961 | 62.64 | 62.50 | 0.961 | 72.64 | 71.83 | 0.725 | 70.55 | 69.89 | 0.731 |
| Delaware | 61.15 | 62.09 | 0.710 | 62.59 | 65.27 | 0.276 | 70.17 | 72.05 | 0.438 | 68.32 | 70.22 | 0.337 |
| District of Columbia | 64.49 | 64.96 | 0.862 | 72.31 | 73.95 | 0.494 | 70.26 | 72.53 | 0.351 | 69.94 | 72.06 | 0.282 |
| Florida | 67.77 | 68.21 | 0.751 | 67.02 | 67.64 | 0.674 | 70.56 | 72.40 | 0.205 | 69.92 | 71.48 | 0.184 |
| Georgia | 63.85 | 64.53 | 0.755 | 64.22 | 65.63 | 0.560 | 67.68 ^b | 72.23 | 0.082 | 66.81 ^b | 70.51 | 0.075 |
| Hawaii | 61.94 | 64.03 | 0.429 | 64.76 | 65.90 | 0.691 | 67.15 | 69.70 | 0.367 | 66.35 | 68.69 | 0.308 |
| Idaho | 66.04 | 68.33 | 0.327 | 61.98 | 64.87 | 0.252 | 69.32 | 69.96 | 0.784 | 67.81 | 68.99 | 0.521 |
| Illinois | 61.83 | 63.17 | 0.336 | 61.08 | 62.33 | 0.415 | 68.80 | 69.91 | 0.441 | 67.06 | 68.21 | 0.313 |
| Indiana | 61.32 | 62.65 | 0.569 | 58.76 | 61.97 | 0.202 | 66.22 | 69.66 | 0.162 | 64.72 | 67.90 | 0.108 |
| Iowa | 60.68 | 63.31 | 0.275 | 57.06 | 59.62 | 0.324 | 64.24 ^a | 69.52 | 0.035 | 62.91 ^a | 67.53 | 0.022 |
| Kansas | 56.26 | 60.24 | 0.137 | 55.39 ^a | 60.78 | 0.049 | 65.77 ^b | 70.12 | 0.090 | 63.31 ^a | 67.74 | 0.030 |
| Kentucky | 56.60 | 59.97 | 0.178 | 54.02 | 57.39 | 0.163 | 62.52 | 66.72 | 0.107 | 60.80 ^b | 64.80 | 0.055 |
| Louisiana | 61.65 | 60.92 | 0.770 | 63.38 | 61.91 | 0.557 | 65.05 | 66.08 | 0.693 | 64.41 | 64.87 | 0.820 |
| Maine | 64.21 | 63.96 | 0.918 | 61.83 | 63.66 | 0.504 | 71.46 | 70.68 | 0.727 | 69.64 | 69.19 | 0.811 |
| Maryland | 63.04 | 62.49 | 0.824 | 63.98 | 63.38 | 0.812 | 69.86 | 70.15 | 0.911 | 68.49 | 68.58 | 0.968 |
| Massachusetts | 64.82 | 65.21 | 0.875 | 65.93 | 66.80 | 0.743 | 74.40 | 73.96 | 0.842 | 72.49 | 72.28 | 0.911 |
| Michigan | 62.33 | 63.11 | 0.572 | 59.02 | 61.05 | 0.190 | 68.52 | 69.76 | 0.382 | 66.64 | 67.92 | 0.252 |
| Minnesota | 59.58 | 62.19 | 0.304 | 57.53 ^b | 61.92 | 0.074 | 66.73 | 69.41 | 0.262 | 64.72 | 67.59 | 0.131 |
| Mississippi | 63.58 | 63.77 | 0.941 | 64.04 | 66.68 | 0.277 | 69.11 | 69.77 | 0.804 | 67.76 | 68.65 | 0.665 |
| Missouri | 61.05 | 63.19 | 0.378 | 58.54 | 61.12 | 0.315 | 67.78 | 70.27 | 0.328 | 65.87 | 68.32 | 0.230 |

See notes at end of table.

(continued)

Table A.12 Percentages Reporting Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day, by Age Group and State: 1999-2000 and 2000-2001

| State | 12-17 | | | 18-25 | | | 26 or Older | | | Total | | |
|----------------|--------------------|-----------|----------------|--------------------|-----------|----------------|--------------------|-----------|----------------|--------------------|-----------|----------------|
| | 1999-2000 | 2000-2001 | <i>p</i> value |
| Montana | 61.92 ^a | 67.30 | 0.039 | 61.31 | 63.21 | 0.434 | 70.42 | 72.55 | 0.361 | 68.32 | 70.74 | 0.194 |
| Nebraska | 58.19 | 59.47 | 0.621 | 56.18 | 57.87 | 0.530 | 65.69 | 68.89 | 0.180 | 63.56 | 66.30 | 0.147 |
| Nevada | 58.86 ^b | 63.49 | 0.084 | 64.38 | 66.03 | 0.573 | 68.56 | 69.96 | 0.570 | 67.14 | 68.83 | 0.408 |
| New Hampshire | 61.17 | 62.32 | 0.645 | 61.54 | 62.92 | 0.621 | 68.99 | 70.84 | 0.416 | 67.30 | 69.01 | 0.359 |
| New Jersey | 63.95 | 63.41 | 0.803 | 64.35 | 66.47 | 0.409 | 73.69 | 77.32 | 0.107 | 71.69 ^b | 74.73 | 0.097 |
| New Mexico | 59.31 ^b | 63.59 | 0.093 | 63.21 | 62.95 | 0.923 | 70.53 | 72.48 | 0.394 | 68.17 | 70.09 | 0.293 |
| New York | 61.98 | 62.81 | 0.564 | 66.53 | 66.87 | 0.815 | 72.64 ^b | 75.23 | 0.074 | 70.83 ^b | 72.99 | 0.063 |
| North Carolina | 56.01 | 59.57 | 0.132 | 56.92 | 60.23 | 0.206 | 62.30 ^a | 68.02 | 0.038 | 61.01 ^a | 66.19 | 0.018 |
| North Dakota | 60.72 | 62.66 | 0.428 | 60.55 | 61.00 | 0.862 | 68.21 | 70.48 | 0.342 | 66.26 | 68.24 | 0.293 |
| Ohio | 59.37 | 61.31 | 0.164 | 56.82 | 59.06 | 0.122 | 66.06 | 67.86 | 0.209 | 64.18 ^b | 66.04 | 0.097 |
| Oklahoma | 60.75 | 60.81 | 0.984 | 61.36 | 59.95 | 0.592 | 64.67 | 68.21 | 0.195 | 63.79 | 66.26 | 0.254 |
| Oregon | 64.31 | 68.35 | 0.104 | 60.36 ^b | 64.74 | 0.097 | 68.74 | 72.70 | 0.144 | 67.27 ^b | 71.27 | 0.068 |
| Pennsylvania | 60.20 | 61.91 | 0.225 | 59.19 | 60.53 | 0.355 | 67.68 | 69.93 | 0.118 | 65.96 ^b | 68.04 | 0.074 |
| Rhode Island | 63.21 | 63.05 | 0.952 | 64.92 | 66.12 | 0.646 | 73.11 | 72.12 | 0.669 | 71.19 | 70.51 | 0.721 |
| South Carolina | 61.74 | 64.37 | 0.282 | 64.44 | 64.52 | 0.975 | 69.80 | 70.22 | 0.868 | 68.30 | 68.90 | 0.767 |
| South Dakota | 58.22 | 59.72 | 0.565 | 53.42 ^a | 59.65 | 0.022 | 65.37 | 66.56 | 0.617 | 62.85 | 64.77 | 0.303 |
| Tennessee | 57.53 | 61.32 | 0.163 | 60.30 | 61.14 | 0.752 | 68.00 | 69.50 | 0.548 | 65.98 | 67.63 | 0.419 |
| Texas | 62.21 | 63.15 | 0.479 | 63.91 | 65.52 | 0.246 | 71.87 | 73.66 | 0.210 | 69.57 | 71.25 | 0.125 |
| Utah | 71.93 | 73.28 | 0.568 | 75.07 | 75.78 | 0.746 | 76.01 | 77.03 | 0.659 | 75.24 | 76.27 | 0.540 |
| Vermont | 60.60 | 62.02 | 0.557 | 63.00 | 63.96 | 0.698 | 72.44 | 72.55 | 0.960 | 70.03 | 70.39 | 0.832 |
| Virginia | 60.87 | 64.26 | 0.143 | 62.74 | 64.24 | 0.586 | 69.08 | 71.11 | 0.403 | 67.49 | 69.58 | 0.293 |
| Washington | 63.34 ^a | 68.59 | 0.020 | 64.13 ^b | 68.75 | 0.068 | 69.14 | 72.67 | 0.162 | 67.91 ^b | 71.73 | 0.058 |
| West Virginia | 59.89 | 61.10 | 0.628 | 58.21 | 58.16 | 0.985 | 64.63 ^b | 69.04 | 0.061 | 63.40 ^b | 66.95 | 0.064 |
| Wisconsin | 60.88 | 61.64 | 0.732 | 57.44 | 61.56 | 0.106 | 66.71 | 70.03 | 0.164 | 64.86 ^b | 67.99 | 0.099 |
| Wyoming | 58.27 | 60.15 | 0.479 | 57.95 | 58.44 | 0.856 | 67.42 | 67.91 | 0.840 | 64.99 | 65.63 | 0.740 |

NOTE: *p* value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

^b Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

**Appendix B: Tables of Model-Based
Estimates (50 States and the District of
Columbia), by Substance**

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Table B.1 Percentages Reporting Past Month Use of Any Illicit Drug, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 6.69 | | 10.32 | | 17.29 | | 4.39 | |
| Alabama | 5.77 | (4.76 - 6.93) | 9.48 | (7.65 - 11.57) | 15.21 | (12.47 - 18.29) | 3.69 | (2.67 - 4.96) |
| Alaska | 9.22 | (7.78 - 10.82) | 11.81 | (9.74 - 14.15) | 21.94 | (18.67 - 25.49) | 6.04 | (4.45 - 7.99) |
| Arizona | 6.69 | (5.57 - 7.94) | 11.13 | (9.12 - 13.40) | 16.07 | (13.45 - 18.98) | 4.35 | (3.18 - 5.78) |
| Arkansas | 6.69 | (5.66 - 7.86) | 11.40 | (9.50 - 13.53) | 18.27 | (15.55 - 21.25) | 4.08 | (3.01 - 5.38) |
| California | 8.16 | (7.39 - 8.98) | 11.06 | (10.02 - 12.17) | 17.45 | (15.96 - 19.02) | 6.04 | (5.12 - 7.06) |
| Colorado | 9.24 | (7.88 - 10.76) | 13.50 | (11.21 - 16.07) | 25.42 | (21.93 - 29.16) | 5.79 | (4.32 - 7.57) |
| Connecticut | 7.50 | (6.28 - 8.87) | 13.23 | (10.99 - 15.74) | 23.09 | (19.62 - 26.86) | 4.61 | (3.35 - 6.17) |
| Delaware | 7.62 | (6.40 - 8.98) | 12.09 | (9.99 - 14.46) | 21.90 | (18.85 - 25.19) | 4.76 | (3.47 - 6.35) |
| District of Columbia | 8.12 | (6.67 - 9.78) | 10.36 | (8.32 - 12.70) | 19.21 | (16.14 - 22.59) | 6.07 | (4.48 - 8.00) |
| Florida | 6.03 | (5.37 - 6.74) | 9.87 | (8.69 - 11.16) | 15.98 | (14.43 - 17.63) | 4.21 | (3.47 - 5.05) |
| Georgia | 6.13 | (5.05 - 7.37) | 8.28 | (6.69 - 10.10) | 15.72 | (13.02 - 18.75) | 4.12 | (2.98 - 5.54) |
| Hawaii | 7.45 | (5.98 - 9.14) | 11.79 | (9.42 - 14.52) | 19.08 | (15.68 - 22.86) | 5.11 | (3.54 - 7.11) |
| Idaho | 5.36 | (4.42 - 6.42) | 8.04 | (6.37 - 9.98) | 13.37 | (10.89 - 16.18) | 3.23 | (2.31 - 4.39) |
| Illinois | 7.17 | (6.47 - 7.92) | 10.79 | (9.58 - 12.10) | 18.88 | (17.25 - 20.59) | 4.65 | (3.87 - 5.55) |
| Indiana | 5.23 | (4.27 - 6.33) | 9.03 | (7.35 - 10.94) | 14.02 | (11.46 - 16.91) | 3.17 | (2.22 - 4.38) |
| Iowa | 4.47 | (3.67 - 5.39) | 7.67 | (6.09 - 9.51) | 13.17 | (10.77 - 15.88) | 2.49 | (1.73 - 3.46) |
| Kansas | 6.08 | (5.08 - 7.19) | 11.17 | (9.04 - 13.60) | 17.10 | (14.20 - 20.33) | 3.30 | (2.35 - 4.48) |
| Kentucky | 6.67 | (5.59 - 7.89) | 11.86 | (9.83 - 14.15) | 18.16 | (15.38 - 21.21) | 4.01 | (2.90 - 5.38) |
| Louisiana | 6.66 | (5.55 - 7.92) | 10.22 | (8.33 - 12.37) | 16.61 | (13.97 - 19.54) | 4.10 | (2.96 - 5.54) |
| Maine | 8.38 | (7.13 - 9.77) | 13.98 | (11.64 - 16.59) | 26.44 | (22.90 - 30.23) | 4.99 | (3.70 - 6.55) |
| Maryland | 6.20 | (5.17 - 7.37) | 10.69 | (8.77 - 12.85) | 17.42 | (14.70 - 20.42) | 3.93 | (2.88 - 5.23) |
| Massachusetts | 10.73 | (9.14 - 12.48) | 14.38 | (12.08 - 16.94) | 25.69 | (22.24 - 29.37) | 8.06 | (6.29 - 10.12) |
| Michigan | 7.48 | (6.83 - 8.16) | 12.12 | (10.96 - 13.36) | 19.90 | (18.33 - 21.54) | 4.72 | (3.99 - 5.55) |
| Minnesota | 6.57 | (5.51 - 7.77) | 11.70 | (9.57 - 14.12) | 18.41 | (15.51 - 21.60) | 3.69 | (2.66 - 4.99) |
| Mississippi | 5.65 | (4.68 - 6.76) | 8.89 | (7.14 - 10.90) | 15.39 | (12.77 - 18.32) | 3.28 | (2.33 - 4.48) |
| Missouri | 5.67 | (4.72 - 6.76) | 9.94 | (8.09 - 12.06) | 15.07 | (12.52 - 17.91) | 3.47 | (2.52 - 4.65) |
| Montana | 6.26 | (5.26 - 7.38) | 12.95 | (10.60 - 15.61) | 18.40 | (15.65 - 21.40) | 3.17 | (2.21 - 4.40) |

See notes at end of table.

(continued)

Table B.1 Percentages Reporting Past Month Use of Any Illicit Drug, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 4.63 | (3.78 - 5.60) | 8.98 | (7.22 - 11.00) | 12.43 | (10.01 - 15.18) | 2.53 | (1.75 - 3.53) |
| Nevada | 7.27 | (6.04 - 8.65) | 12.00 | (9.83 - 14.45) | 17.60 | (14.33 - 21.26) | 5.04 | (3.79 - 6.55) |
| New Hampshire | 8.02 | (6.81 - 9.38) | 14.00 | (11.79 - 16.45) | 25.47 | (21.92 - 29.28) | 4.58 | (3.36 - 6.07) |
| New Jersey | 5.79 | (4.81 - 6.89) | 8.84 | (7.21 - 10.71) | 18.76 | (15.80 - 22.01) | 3.54 | (2.55 - 4.76) |
| New Mexico | 7.46 | (6.24 - 8.84) | 13.53 | (11.13 - 16.23) | 15.97 | (13.37 - 18.86) | 4.88 | (3.58 - 6.48) |
| New York | 6.79 | (6.12 - 7.51) | 9.57 | (8.48 - 10.75) | 19.32 | (17.70 - 21.01) | 4.48 | (3.73 - 5.33) |
| North Carolina | 7.89 | (6.60 - 9.34) | 9.97 | (8.20 - 11.99) | 18.47 | (15.55 - 21.68) | 5.94 | (4.51 - 7.67) |
| North Dakota | 4.11 | (3.33 - 5.01) | 8.60 | (6.81 - 10.68) | 12.12 | (9.78 - 14.79) | 1.88 | (1.22 - 2.77) |
| Ohio | 5.92 | (5.35 - 6.53) | 9.47 | (8.41 - 10.61) | 16.72 | (15.29 - 18.24) | 3.60 | (2.99 - 4.31) |
| Oklahoma | 5.40 | (4.44 - 6.49) | 9.88 | (7.92 - 12.13) | 13.41 | (10.89 - 16.27) | 3.29 | (2.34 - 4.49) |
| Oregon | 8.73 | (7.40 - 10.21) | 12.11 | (9.95 - 14.55) | 23.50 | (20.23 - 27.02) | 5.89 | (4.45 - 7.63) |
| Pennsylvania | 5.93 | (5.34 - 6.56) | 9.68 | (8.66 - 10.78) | 16.63 | (15.16 - 18.17) | 3.86 | (3.21 - 4.60) |
| Rhode Island | 8.19 | (6.90 - 9.62) | 12.98 | (10.66 - 15.59) | 23.96 | (20.56 - 27.62) | 5.24 | (3.88 - 6.91) |
| South Carolina | 5.70 | (4.68 - 6.86) | 9.12 | (7.32 - 11.19) | 15.00 | (12.48 - 17.82) | 3.71 | (2.65 - 5.04) |
| South Dakota | 4.45 | (3.65 - 5.36) | 8.85 | (7.06 - 10.93) | 11.81 | (9.55 - 14.40) | 2.33 | (1.60 - 3.27) |
| Tennessee | 6.17 | (5.07 - 7.42) | 10.42 | (8.47 - 12.65) | 15.44 | (12.66 - 18.56) | 4.10 | (2.97 - 5.49) |
| Texas | 5.31 | (4.77 - 5.90) | 8.80 | (7.83 - 9.86) | 13.67 | (12.34 - 15.08) | 3.10 | (2.50 - 3.80) |
| Utah | 4.97 | (3.99 - 6.10) | 6.85 | (5.27 - 8.73) | 10.58 | (8.43 - 13.07) | 2.94 | (1.93 - 4.27) |
| Vermont | 10.50 | (9.00 - 12.16) | 15.99 | (13.52 - 18.71) | 31.75 | (28.09 - 35.59) | 6.37 | (4.71 - 8.40) |
| Virginia | 5.54 | (4.60 - 6.60) | 8.48 | (6.92 - 10.27) | 16.14 | (13.31 - 19.29) | 3.46 | (2.53 - 4.62) |
| Washington | 7.73 | (6.44 - 9.20) | 11.44 | (9.48 - 13.63) | 18.79 | (15.90 - 21.96) | 5.36 | (3.97 - 7.05) |
| West Virginia | 5.03 | (4.12 - 6.07) | 10.13 | (8.26 - 12.26) | 14.91 | (12.26 - 17.90) | 2.85 | (2.01 - 3.93) |
| Wisconsin | 6.30 | (5.29 - 7.43) | 10.08 | (8.34 - 12.05) | 16.84 | (14.07 - 19.90) | 3.91 | (2.89 - 5.17) |
| Wyoming | 5.70 | (4.74 - 6.78) | 10.01 | (8.07 - 12.24) | 15.79 | (13.14 - 18.75) | 3.04 | (2.13 - 4.19) |

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.
 NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.2 Percentages Reporting Past Month Use of *Marijuana*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 5.09 | | 7.64 | | 14.59 | | 3.13 | |
| Alabama | 4.17 | (3.33 - 5.15) | 5.98 | (4.54 - 7.71) | 12.09 | (9.67 - 14.86) | 2.58 | (1.78 - 3.62) |
| Alaska | 7.09 | (5.96 - 8.37) | 9.88 | (7.99 - 12.04) | 19.06 | (16.12 - 22.29) | 4.04 | (2.87 - 5.50) |
| Arizona | 4.57 | (3.68 - 5.61) | 7.39 | (5.78 - 9.28) | 12.25 | (10.02 - 14.79) | 2.78 | (1.91 - 3.91) |
| Arkansas | 4.97 | (4.07 - 5.99) | 7.22 | (5.70 - 8.99) | 14.50 | (12.03 - 17.26) | 3.03 | (2.14 - 4.16) |
| California | 5.96 | (5.32 - 6.66) | 8.16 | (7.25 - 9.14) | 14.45 | (13.05 - 15.95) | 4.09 | (3.35 - 4.94) |
| Colorado | 7.43 | (6.24 - 8.77) | 10.96 | (8.88 - 13.32) | 21.32 | (18.15 - 24.76) | 4.49 | (3.25 - 6.02) |
| Connecticut | 6.26 | (5.17 - 7.49) | 10.76 | (8.74 - 13.06) | 20.73 | (17.26 - 24.55) | 3.68 | (2.60 - 5.04) |
| Delaware | 6.38 | (5.29 - 7.62) | 9.56 | (7.67 - 11.73) | 19.22 | (16.27 - 22.45) | 3.92 | (2.83 - 5.28) |
| District of Columbia | 5.92 | (4.75 - 7.28) | 7.37 | (5.63 - 9.44) | 14.86 | (12.13 - 17.92) | 4.30 | (3.05 - 5.88) |
| Florida | 4.70 | (4.13 - 5.31) | 7.46 | (6.47 - 8.54) | 13.11 | (11.72 - 14.60) | 3.21 | (2.58 - 3.95) |
| Georgia | 4.61 | (3.72 - 5.64) | 5.41 | (4.17 - 6.90) | 13.02 | (10.63 - 15.73) | 3.00 | (2.11 - 4.13) |
| Hawaii | 5.82 | (4.53 - 7.35) | 9.32 | (7.10 - 11.96) | 15.11 | (12.05 - 18.59) | 3.95 | (2.60 - 5.74) |
| Idaho | 4.37 | (3.53 - 5.34) | 6.07 | (4.65 - 7.77) | 11.94 | (9.62 - 14.59) | 2.49 | (1.70 - 3.52) |
| Illinois | 5.60 | (5.04 - 6.21) | 8.27 | (7.25 - 9.39) | 16.81 | (15.32 - 18.37) | 3.31 | (2.70 - 4.00) |
| Indiana | 3.92 | (3.15 - 4.81) | 7.23 | (5.66 - 9.07) | 11.41 | (9.19 - 13.96) | 2.16 | (1.47 - 3.06) |
| Iowa | 3.49 | (2.78 - 4.31) | 5.44 | (4.10 - 7.06) | 11.57 | (9.33 - 14.12) | 1.79 | (1.18 - 2.60) |
| Kansas | 4.66 | (3.82 - 5.63) | 8.01 | (6.24 - 10.08) | 14.39 | (11.74 - 17.37) | 2.38 | (1.64 - 3.34) |
| Kentucky | 4.96 | (4.10 - 5.94) | 8.99 | (7.19 - 11.05) | 14.10 | (11.67 - 16.81) | 2.85 | (2.03 - 3.88) |
| Louisiana | 3.82 | (3.08 - 4.68) | 5.81 | (4.44 - 7.45) | 11.41 | (9.17 - 13.99) | 1.98 | (1.30 - 2.89) |
| Maine | 7.13 | (6.04 - 8.35) | 11.12 | (9.09 - 13.43) | 23.53 | (20.24 - 27.07) | 4.20 | (3.10 - 5.54) |
| Maryland | 4.69 | (3.78 - 5.75) | 7.79 | (6.16 - 9.70) | 14.39 | (11.91 - 17.17) | 2.83 | (1.94 - 3.98) |
| Massachusetts | 8.86 | (7.44 - 10.45) | 12.59 | (10.29 - 15.18) | 24.85 | (21.50 - 28.44) | 6.03 | (4.49 - 7.89) |
| Michigan | 6.01 | (5.44 - 6.62) | 9.40 | (8.34 - 10.55) | 17.45 | (15.88 - 19.11) | 3.60 | (2.98 - 4.30) |
| Minnesota | 5.33 | (4.42 - 6.36) | 8.77 | (6.96 - 10.85) | 16.44 | (13.73 - 19.45) | 2.84 | (1.99 - 3.92) |
| Mississippi | 3.83 | (3.08 - 4.70) | 5.55 | (4.21 - 7.15) | 12.18 | (9.73 - 14.99) | 1.96 | (1.33 - 2.79) |
| Missouri | 4.42 | (3.61 - 5.35) | 7.31 | (5.70 - 9.21) | 12.96 | (10.58 - 15.65) | 2.55 | (1.80 - 3.52) |
| Montana | 5.11 | (4.23 - 6.10) | 9.32 | (7.38 - 11.58) | 16.39 | (13.78 - 19.27) | 2.53 | (1.72 - 3.58) |

See notes at end of table.

(continued)

Table B.2 Percentages Reporting Past Month Use of Marijuana, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 3.69 | (2.96 - 4.53) | 6.68 | (5.13 - 8.53) | 10.59 | (8.29 - 13.27) | 1.96 | (1.31 - 2.82) |
| Nevada | 5.17 | (4.21 - 6.28) | 9.32 | (7.31 - 11.68) | 14.16 | (11.40 - 17.30) | 3.23 | (2.30 - 4.40) |
| New Hampshire | 6.97 | (5.86 - 8.21) | 11.79 | (9.67 - 14.19) | 22.01 | (18.52 - 25.81) | 4.04 | (2.97 - 5.37) |
| New Jersey | 4.43 | (3.60 - 5.39) | 6.04 | (4.75 - 7.56) | 15.43 | (12.72 - 18.46) | 2.65 | (1.83 - 3.69) |
| New Mexico | 5.97 | (4.89 - 7.20) | 11.59 | (9.30 - 14.21) | 14.11 | (11.55 - 17.00) | 3.53 | (2.45 - 4.90) |
| New York | 5.27 | (4.74 - 5.83) | 7.42 | (6.46 - 8.46) | 17.46 | (15.91 - 19.08) | 3.09 | (2.51 - 3.75) |
| North Carolina | 5.80 | (4.73 - 7.04) | 6.67 | (5.20 - 8.39) | 15.80 | (13.15 - 18.74) | 4.11 | (2.98 - 5.52) |
| North Dakota | 3.31 | (2.64 - 4.09) | 6.36 | (4.85 - 8.16) | 10.34 | (8.19 - 12.83) | 1.48 | (0.94 - 2.22) |
| Ohio | 4.61 | (4.14 - 5.11) | 6.99 | (6.11 - 7.95) | 14.43 | (13.12 - 15.82) | 2.62 | (2.12 - 3.20) |
| Oklahoma | 3.55 | (2.80 - 4.43) | 6.46 | (4.83 - 8.43) | 9.67 | (7.59 - 12.09) | 2.02 | (1.35 - 2.90) |
| Oregon | 7.19 | (5.98 - 8.56) | 9.07 | (7.22 - 11.21) | 20.43 | (17.31 - 23.83) | 4.80 | (3.51 - 6.38) |
| Pennsylvania | 4.76 | (4.26 - 5.30) | 7.37 | (6.47 - 8.34) | 14.95 | (13.57 - 16.41) | 2.92 | (2.38 - 3.54) |
| Rhode Island | 6.78 | (5.65 - 8.07) | 10.29 | (8.22 - 12.68) | 21.53 | (18.29 - 25.05) | 4.16 | (3.01 - 5.59) |
| South Carolina | 4.10 | (3.31 - 5.03) | 6.59 | (5.12 - 8.32) | 12.48 | (10.20 - 15.06) | 2.39 | (1.63 - 3.39) |
| South Dakota | 3.69 | (2.95 - 4.56) | 6.83 | (5.22 - 8.74) | 10.46 | (8.19 - 13.12) | 1.88 | (1.25 - 2.72) |
| Tennessee | 4.78 | (3.87 - 5.83) | 7.67 | (6.05 - 9.55) | 13.18 | (10.68 - 16.01) | 3.02 | (2.13 - 4.16) |
| Texas | 3.63 | (3.21 - 4.09) | 6.09 | (5.25 - 7.02) | 10.30 | (9.12 - 11.58) | 1.91 | (1.47 - 2.44) |
| Utah | 3.51 | (2.76 - 4.39) | 5.00 | (3.65 - 6.66) | 8.07 | (6.22 - 10.26) | 1.87 | (1.17 - 2.84) |
| Vermont | 9.06 | (7.77 - 10.49) | 13.20 | (10.94 - 15.73) | 28.56 | (25.29 - 32.01) | 5.39 | (4.01 - 7.08) |
| Virginia | 4.28 | (3.49 - 5.20) | 5.76 | (4.44 - 7.34) | 13.46 | (10.88 - 16.39) | 2.63 | (1.87 - 3.59) |
| Washington | 5.95 | (4.86 - 7.19) | 9.56 | (7.75 - 11.63) | 15.69 | (12.89 - 18.83) | 3.81 | (2.71 - 5.18) |
| West Virginia | 3.96 | (3.16 - 4.90) | 7.03 | (5.50 - 8.82) | 11.91 | (9.58 - 14.58) | 2.33 | (1.57 - 3.32) |
| Wisconsin | 4.95 | (4.11 - 5.91) | 7.80 | (6.22 - 9.64) | 15.21 | (12.64 - 18.06) | 2.75 | (1.96 - 3.74) |
| Wyoming | 4.35 | (3.56 - 5.26) | 7.63 | (5.93 - 9.64) | 12.54 | (10.20 - 15.20) | 2.23 | (1.53 - 3.12) |

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.3 Percentages Reporting *Perceptions of Great Risk of Smoking Marijuana Once a Month*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 42.90 | | 36.78 | | 28.46 | | 46.19 | |
| Alabama | 50.98 | (47.49 - 54.46) | 43.43 | (39.70 - 47.22) | 35.95 | (32.00 - 40.04) | 54.52 | (50.20 - 58.79) |
| Alaska | 35.81 | (33.00 - 38.69) | 31.16 | (27.67 - 34.82) | 21.74 | (18.68 - 25.04) | 39.66 | (36.00 - 43.40) |
| Arizona | 43.24 | (40.13 - 46.40) | 33.76 | (30.27 - 37.37) | 29.45 | (26.10 - 32.98) | 47.12 | (43.17 - 51.09) |
| Arkansas | 48.69 | (45.50 - 51.88) | 39.97 | (36.43 - 43.59) | 31.77 | (28.14 - 35.58) | 52.77 | (48.83 - 56.69) |
| California | 40.98 | (39.29 - 42.69) | 34.61 | (32.89 - 36.35) | 31.45 | (29.64 - 33.30) | 43.64 | (41.46 - 45.84) |
| Colorado | 34.23 | (31.13 - 37.44) | 28.42 | (25.15 - 31.86) | 20.56 | (17.50 - 23.89) | 37.47 | (33.58 - 41.48) |
| Connecticut | 34.71 | (31.77 - 37.74) | 29.09 | (25.94 - 32.39) | 20.94 | (17.84 - 24.32) | 37.34 | (33.76 - 41.02) |
| Delaware | 36.87 | (33.86 - 39.96) | 32.52 | (29.18 - 36.00) | 25.25 | (22.07 - 28.64) | 39.29 | (35.59 - 43.08) |
| District of Columbia | 38.56 | (35.27 - 41.92) | 33.78 | (29.94 - 37.79) | 23.08 | (19.99 - 26.40) | 41.61 | (37.59 - 45.71) |
| Florida | 47.30 | (45.46 - 49.14) | 41.42 | (39.36 - 43.51) | 34.42 | (32.38 - 36.50) | 49.76 | (47.49 - 52.04) |
| Georgia | 44.96 | (41.73 - 48.22) | 36.01 | (32.83 - 39.27) | 28.84 | (25.38 - 32.49) | 49.10 | (45.01 - 53.19) |
| Hawaii | 39.69 | (36.19 - 43.27) | 31.15 | (27.36 - 35.14) | 24.93 | (21.13 - 29.04) | 43.03 | (38.73 - 47.40) |
| Idaho | 43.30 | (40.48 - 46.15) | 40.11 | (36.58 - 43.73) | 28.95 | (25.58 - 32.51) | 46.85 | (43.20 - 50.52) |
| Illinois | 42.45 | (40.79 - 44.11) | 37.53 | (35.60 - 39.49) | 27.94 | (26.14 - 29.79) | 45.62 | (43.51 - 47.74) |
| Indiana | 44.62 | (41.43 - 47.85) | 40.53 | (37.01 - 44.12) | 28.42 | (24.84 - 32.20) | 48.02 | (44.07 - 52.00) |
| Iowa | 46.42 | (43.25 - 49.62) | 43.55 | (39.91 - 47.24) | 31.54 | (28.10 - 35.14) | 49.45 | (45.49 - 53.42) |
| Kansas | 43.24 | (40.10 - 46.41) | 37.66 | (33.98 - 41.45) | 24.45 | (21.09 - 28.06) | 47.51 | (43.52 - 51.52) |
| Kentucky | 48.31 | (45.07 - 51.56) | 40.42 | (36.86 - 44.06) | 30.65 | (27.40 - 34.04) | 52.40 | (48.34 - 56.43) |
| Louisiana | 48.01 | (45.00 - 51.03) | 38.84 | (35.34 - 42.43) | 31.25 | (27.73 - 34.94) | 52.82 | (48.98 - 56.63) |
| Maine | 35.22 | (32.39 - 38.12) | 30.16 | (26.76 - 33.72) | 16.57 | (13.62 - 19.86) | 38.63 | (35.19 - 42.15) |
| Maryland | 39.12 | (35.92 - 42.40) | 33.73 | (30.33 - 37.26) | 25.97 | (22.93 - 29.20) | 41.81 | (37.87 - 45.82) |
| Massachusetts | 32.91 | (29.83 - 36.10) | 26.91 | (23.73 - 30.27) | 16.86 | (14.09 - 19.92) | 36.03 | (32.27 - 39.92) |
| Michigan | 41.24 | (39.54 - 42.95) | 35.57 | (33.66 - 37.51) | 24.66 | (22.95 - 26.44) | 44.84 | (42.71 - 46.99) |
| Minnesota | 39.72 | (36.66 - 42.83) | 37.50 | (34.05 - 41.05) | 23.99 | (20.85 - 27.35) | 42.86 | (38.99 - 46.79) |
| Mississippi | 54.07 | (50.67 - 57.44) | 48.03 | (44.08 - 52.01) | 41.28 | (37.23 - 45.43) | 57.45 | (53.13 - 61.69) |
| Missouri | 44.22 | (41.07 - 47.40) | 39.59 | (36.02 - 43.25) | 28.27 | (24.89 - 31.85) | 47.59 | (43.67 - 51.53) |
| Montana | 41.29 | (38.22 - 44.41) | 35.33 | (31.75 - 39.04) | 24.65 | (21.73 - 27.76) | 45.06 | (41.23 - 48.92) |

See notes at end of table.

(continued)

Table B.3 Percentages Reporting *Perceptions of Great Risk of Smoking Marijuana Once a Month*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 41.70 | (38.76 - 44.69) | 39.11 | (35.36 - 42.97) | 27.47 | (24.14 - 31.00) | 44.72 | (41.02 - 48.47) |
| Nevada | 40.39 | (37.32 - 43.51) | 32.82 | (29.05 - 36.77) | 26.79 | (23.29 - 30.51) | 43.49 | (39.75 - 47.29) |
| New Hampshire | 32.86 | (29.83 - 35.99) | 27.51 | (24.40 - 30.80) | 19.60 | (16.49 - 23.01) | 35.59 | (31.88 - 39.43) |
| New Jersey | 42.63 | (39.55 - 45.75) | 36.77 | (33.74 - 39.89) | 26.74 | (23.29 - 30.43) | 45.64 | (41.88 - 49.44) |
| New Mexico | 39.88 | (36.81 - 43.00) | 29.33 | (25.89 - 32.96) | 27.52 | (24.00 - 31.26) | 43.90 | (40.02 - 47.84) |
| New York | 43.07 | (41.31 - 44.84) | 33.52 | (31.67 - 35.41) | 26.54 | (24.73 - 28.41) | 46.86 | (44.65 - 49.08) |
| North Carolina | 42.29 | (39.25 - 45.38) | 37.48 | (34.19 - 40.85) | 23.72 | (20.56 - 27.12) | 45.86 | (42.07 - 49.69) |
| North Dakota | 45.41 | (42.44 - 48.40) | 37.99 | (34.62 - 41.43) | 25.05 | (21.80 - 28.52) | 50.48 | (46.69 - 54.26) |
| Ohio | 40.62 | (39.01 - 42.25) | 36.97 | (35.09 - 38.89) | 26.22 | (24.44 - 28.05) | 43.56 | (41.51 - 45.62) |
| Oklahoma | 47.90 | (44.73 - 51.07) | 40.34 | (36.36 - 44.41) | 35.56 | (31.51 - 39.78) | 51.24 | (47.26 - 55.22) |
| Oregon | 33.43 | (30.15 - 36.85) | 31.60 | (28.11 - 35.26) | 19.89 | (16.91 - 23.14) | 35.87 | (31.84 - 40.06) |
| Pennsylvania | 45.20 | (43.46 - 46.94) | 38.42 | (36.56 - 40.30) | 26.68 | (24.88 - 28.54) | 48.81 | (46.63 - 50.99) |
| Rhode Island | 38.33 | (35.14 - 41.59) | 30.23 | (26.81 - 33.81) | 18.30 | (15.35 - 21.55) | 42.33 | (38.41 - 46.33) |
| South Carolina | 46.60 | (43.37 - 49.85) | 40.79 | (37.07 - 44.59) | 34.94 | (31.19 - 38.84) | 49.29 | (45.30 - 53.28) |
| South Dakota | 41.63 | (38.61 - 44.70) | 36.97 | (33.45 - 40.60) | 28.91 | (25.54 - 32.45) | 44.84 | (41.00 - 48.73) |
| Tennessee | 45.19 | (41.95 - 48.45) | 38.75 | (35.13 - 42.46) | 27.64 | (24.00 - 31.52) | 48.90 | (44.93 - 52.89) |
| Texas | 48.99 | (47.28 - 50.70) | 40.86 | (38.97 - 42.77) | 34.36 | (32.48 - 36.29) | 53.18 | (50.94 - 55.42) |
| Utah | 44.88 | (41.84 - 47.94) | 41.43 | (37.52 - 45.42) | 35.82 | (32.19 - 39.59) | 48.23 | (44.12 - 52.35) |
| Vermont | 28.16 | (25.42 - 31.03) | 23.78 | (20.80 - 26.97) | 14.48 | (12.05 - 17.18) | 30.93 | (27.52 - 34.51) |
| Virginia | 41.84 | (38.86 - 44.86) | 37.59 | (34.41 - 40.85) | 26.45 | (23.02 - 30.11) | 44.85 | (41.18 - 48.56) |
| Washington | 35.72 | (32.55 - 38.98) | 32.68 | (29.44 - 36.05) | 23.82 | (20.57 - 27.31) | 38.14 | (34.20 - 42.20) |
| West Virginia | 48.23 | (45.16 - 51.31) | 39.89 | (36.49 - 43.35) | 29.21 | (25.74 - 32.87) | 52.25 | (48.46 - 56.02) |
| Wisconsin | 38.24 | (35.18 - 41.37) | 34.60 | (31.28 - 38.04) | 22.84 | (19.76 - 26.16) | 41.45 | (37.60 - 45.38) |
| Wyoming | 40.18 | (37.25 - 43.15) | 36.24 | (32.67 - 39.92) | 26.32 | (22.88 - 29.98) | 43.52 | (39.81 - 47.29) |

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.4 Average Annual Rates of *First Use of Marijuana*, by Age Group and State: Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 1.59 | | 6.25 | | 5.70 | | 0.14 | |
| Alabama | 1.33 | (1.12 - 1.59) | 5.35 | (4.28 - 6.66) | 5.44 | (4.14 - 7.11) | 0.12 | (0.07 - 0.21) |
| Alaska | 2.28 | (1.91 - 2.72) | 7.05 | (5.66 - 8.74) | 6.92 | (5.22 - 9.12) | 0.14 | (0.08 - 0.26) |
| Arizona | 1.64 | (1.37 - 1.96) | 6.83 | (5.51 - 8.43) | 4.71 | (3.55 - 6.23) | 0.14 | (0.07 - 0.26) |
| Arkansas | 1.53 | (1.29 - 1.81) | 6.32 | (5.15 - 7.74) | 5.59 | (4.28 - 7.27) | 0.13 | (0.07 - 0.24) |
| California | 1.59 | (1.44 - 1.77) | 6.17 | (5.52 - 6.90) | 4.58 | (3.84 - 5.45) | 0.15 | (0.09 - 0.25) |
| Colorado | 1.95 | (1.61 - 2.36) | 7.57 | (6.13 - 9.31) | 6.12 | (4.45 - 8.35) | 0.18 | (0.09 - 0.35) |
| Connecticut | 1.68 | (1.41 - 2.00) | 7.11 | (5.76 - 8.76) | 7.03 | (5.27 - 9.33) | 0.14 | (0.07 - 0.27) |
| Delaware | 2.12 | (1.78 - 2.52) | 8.66 | (7.05 - 10.59) | 7.98 | (6.11 - 10.37) | 0.16 | (0.09 - 0.29) |
| District of Columbia | 1.62 | (1.33 - 1.98) | 5.76 | (4.49 - 7.37) | 6.97 | (5.34 - 9.06) | 0.22 | (0.10 - 0.50) |
| Florida | 1.32 | (1.18 - 1.47) | 6.46 | (5.70 - 7.31) | 4.73 | (3.96 - 5.63) | 0.12 | (0.07 - 0.19) |
| Georgia | 1.44 | (1.20 - 1.72) | 5.10 | (4.13 - 6.28) | 4.99 | (3.78 - 6.56) | 0.15 | (0.08 - 0.29) |
| Hawaii | 1.62 | (1.34 - 1.95) | 7.62 | (6.06 - 9.53) | 5.99 | (4.37 - 8.15) | 0.08 | (0.04 - 0.19) |
| Idaho | 1.68 | (1.39 - 2.01) | 5.56 | (4.45 - 6.94) | 5.26 | (3.95 - 6.97) | 0.14 | (0.08 - 0.26) |
| Illinois | 1.76 | (1.59 - 1.94) | 6.75 | (6.01 - 7.57) | 6.57 | (5.62 - 7.66) | 0.15 | (0.09 - 0.23) |
| Indiana | 1.48 | (1.25 - 1.76) | 6.17 | (5.04 - 7.54) | 5.18 | (3.89 - 6.88) | 0.14 | (0.08 - 0.24) |
| Iowa | 1.31 | (1.10 - 1.57) | 5.02 | (3.97 - 6.33) | 5.08 | (3.92 - 6.56) | 0.11 | (0.06 - 0.21) |
| Kansas | 1.78 | (1.48 - 2.14) | 6.49 | (5.17 - 8.13) | 6.29 | (4.82 - 8.18) | 0.14 | (0.07 - 0.25) |
| Kentucky | 1.69 | (1.44 - 1.99) | 7.33 | (6.01 - 8.91) | 6.34 | (4.91 - 8.15) | 0.16 | (0.08 - 0.31) |
| Louisiana | 1.48 | (1.24 - 1.77) | 5.31 | (4.23 - 6.64) | 5.02 | (3.80 - 6.60) | 0.14 | (0.08 - 0.26) |
| Maine | 1.71 | (1.44 - 2.03) | 6.47 | (5.22 - 8.00) | 8.52 | (6.49 - 11.10) | 0.14 | (0.07 - 0.25) |
| Maryland | 1.56 | (1.31 - 1.86) | 6.23 | (5.03 - 7.71) | 6.27 | (4.86 - 8.07) | 0.14 | (0.08 - 0.25) |
| Massachusetts | 2.07 | (1.75 - 2.46) | 8.30 | (6.84 - 10.05) | 8.65 | (6.60 - 11.27) | 0.16 | (0.09 - 0.29) |
| Michigan | 1.88 | (1.70 - 2.08) | 6.98 | (6.24 - 7.80) | 7.18 | (6.18 - 8.34) | 0.16 | (0.10 - 0.26) |
| Minnesota | 2.10 | (1.78 - 2.49) | 7.21 | (5.87 - 8.82) | 7.82 | (6.15 - 9.90) | 0.15 | (0.08 - 0.29) |
| Mississippi | 1.50 | (1.25 - 1.80) | 5.40 | (4.31 - 6.74) | 5.13 | (3.90 - 6.71) | 0.17 | (0.09 - 0.35) |
| Missouri | 1.67 | (1.40 - 1.98) | 6.67 | (5.40 - 8.21) | 6.28 | (4.84 - 8.12) | 0.13 | (0.07 - 0.24) |
| Montana | 1.85 | (1.56 - 2.19) | 7.20 | (5.79 - 8.93) | 7.76 | (6.06 - 9.90) | 0.12 | (0.06 - 0.24) |

See notes at end of table.

(continued)

Table B.4 Average Annual Rates of First Use of Marijuana, by Age Group and State: Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 1.75 | (1.47 - 2.07) | 6.29 | (5.07 - 7.78) | 6.56 | (5.08 - 8.42) | 0.13 | (0.07 - 0.24) |
| Nevada | 1.84 | (1.52 - 2.22) | 7.90 | (6.31 - 9.84) | 6.54 | (4.82 - 8.83) | 0.14 | (0.08 - 0.27) |
| New Hampshire | 2.01 | (1.68 - 2.40) | 7.29 | (5.94 - 8.92) | 8.33 | (6.28 - 10.98) | 0.16 | (0.09 - 0.29) |
| New Jersey | 1.38 | (1.17 - 1.64) | 5.52 | (4.56 - 6.66) | 6.22 | (4.75 - 8.12) | 0.13 | (0.07 - 0.24) |
| New Mexico | 2.13 | (1.77 - 2.55) | 8.80 | (7.09 - 10.87) | 5.99 | (4.44 - 8.03) | 0.15 | (0.07 - 0.31) |
| New York | 1.49 | (1.34 - 1.65) | 6.01 | (5.34 - 6.75) | 5.90 | (5.05 - 6.88) | 0.15 | (0.09 - 0.24) |
| North Carolina | 1.62 | (1.36 - 1.93) | 6.05 | (4.90 - 7.45) | 6.83 | (5.19 - 8.94) | 0.14 | (0.08 - 0.26) |
| North Dakota | 1.99 | (1.68 - 2.35) | 7.37 | (6.03 - 8.98) | 7.49 | (5.82 - 9.60) | 0.12 | (0.06 - 0.22) |
| Ohio | 1.58 | (1.43 - 1.75) | 6.24 | (5.56 - 6.99) | 6.01 | (5.15 - 7.00) | 0.12 | (0.08 - 0.20) |
| Oklahoma | 1.68 | (1.41 - 2.00) | 7.04 | (5.62 - 8.80) | 5.39 | (4.14 - 6.97) | 0.13 | (0.07 - 0.23) |
| Oregon | 1.68 | (1.41 - 2.00) | 6.61 | (5.30 - 8.22) | 6.28 | (4.78 - 8.21) | 0.15 | (0.08 - 0.27) |
| Pennsylvania | 1.42 | (1.29 - 1.56) | 5.87 | (5.19 - 6.62) | 6.18 | (5.36 - 7.11) | 0.12 | (0.07 - 0.19) |
| Rhode Island | 1.82 | (1.53 - 2.17) | 7.52 | (6.08 - 9.27) | 7.26 | (5.53 - 9.48) | 0.17 | (0.09 - 0.33) |
| South Carolina | 1.61 | (1.35 - 1.91) | 6.68 | (5.44 - 8.19) | 5.85 | (4.49 - 7.60) | 0.14 | (0.08 - 0.26) |
| South Dakota | 1.54 | (1.30 - 1.82) | 6.07 | (4.91 - 7.49) | 4.90 | (3.75 - 6.40) | 0.11 | (0.06 - 0.20) |
| Tennessee | 1.53 | (1.28 - 1.84) | 6.36 | (5.15 - 7.84) | 5.85 | (4.40 - 7.74) | 0.14 | (0.08 - 0.24) |
| Texas | 1.47 | (1.32 - 1.63) | 5.22 | (4.59 - 5.92) | 4.77 | (4.06 - 5.59) | 0.14 | (0.08 - 0.24) |
| Utah | 1.62 | (1.32 - 1.98) | 4.71 | (3.64 - 6.07) | 3.93 | (2.97 - 5.18) | 0.14 | (0.07 - 0.28) |
| Vermont | 2.70 | (2.29 - 3.18) | 9.37 | (7.77 - 11.26) | 10.30 | (8.05 - 13.09) | 0.21 | (0.10 - 0.42) |
| Virginia | 1.40 | (1.16 - 1.69) | 4.86 | (3.90 - 6.05) | 5.73 | (4.31 - 7.58) | 0.15 | (0.08 - 0.28) |
| Washington | 1.81 | (1.52 - 2.16) | 6.93 | (5.63 - 8.49) | 6.35 | (4.82 - 8.31) | 0.14 | (0.07 - 0.26) |
| West Virginia | 1.29 | (1.09 - 1.52) | 6.43 | (5.23 - 7.90) | 4.88 | (3.69 - 6.42) | 0.11 | (0.06 - 0.21) |
| Wisconsin | 1.78 | (1.50 - 2.11) | 6.68 | (5.47 - 8.13) | 6.11 | (4.68 - 7.94) | 0.16 | (0.08 - 0.30) |
| Wyoming | 1.97 | (1.65 - 2.35) | 6.97 | (5.60 - 8.64) | 6.71 | (5.10 - 8.79) | 0.13 | (0.07 - 0.25) |

NOTE: Average Annual Rate={ (Number of Marijuana Initiates in past 24 months)/[(Number of Marijuana Initiates in past 24 months * 0.5) + Number of persons who never used Marijuana]}/2. Both the computation components, Number of Marijuana Initiates in past 24 months and Number of persons who never used Marijuana, are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at the time of the interview, not his or her age at first use.

NOTE: The prediction intervals presented above employ a Taylor linearization combining the hierarchical Bayes posterior variances for the two marijuana use/never use prevalences. Because these two prevalences were estimated independently, the hierarchical Bayes solutions did not provide the between prevalence correlations required to complete the linearization. For this purpose, simple Pearson's correlations between the two prevalences were calculated by age group across the 50 States and the District of Columbia.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.5 Percentages Reporting Past Month Use of Any Illicit Drug Other Than Marijuana, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 2.85 | | 4.76 | | 6.86 | | 1.91 | |
| Alabama | 2.70 | (2.09 - 3.42) | 5.04 | (3.80 - 6.54) | 6.91 | (5.21 - 8.95) | 1.68 | (1.08 - 2.49) |
| Alaska | 2.96 | (2.31 - 3.73) | 4.13 | (3.00 - 5.54) | 7.32 | (5.47 - 9.55) | 1.82 | (1.16 - 2.72) |
| Arizona | 3.44 | (2.73 - 4.26) | 5.93 | (4.52 - 7.62) | 7.91 | (6.09 - 10.06) | 2.27 | (1.54 - 3.23) |
| Arkansas | 3.16 | (2.50 - 3.94) | 6.14 | (4.77 - 7.76) | 8.09 | (6.26 - 10.25) | 1.91 | (1.23 - 2.83) |
| California | 3.47 | (2.98 - 4.01) | 4.90 | (4.21 - 5.67) | 7.07 | (6.06 - 8.19) | 2.60 | (2.02 - 3.29) |
| Colorado | 3.42 | (2.74 - 4.21) | 5.49 | (4.18 - 7.06) | 9.63 | (7.58 - 12.00) | 2.03 | (1.35 - 2.92) |
| Connecticut | 2.86 | (2.25 - 3.59) | 5.98 | (4.54 - 7.69) | 7.52 | (5.69 - 9.73) | 1.82 | (1.20 - 2.65) |
| Delaware | 2.93 | (2.31 - 3.67) | 5.08 | (3.92 - 6.46) | 7.74 | (6.01 - 9.80) | 1.88 | (1.24 - 2.74) |
| District of Columbia | 3.45 | (2.58 - 4.51) | 4.23 | (3.03 - 5.73) | 7.08 | (5.22 - 9.36) | 2.77 | (1.81 - 4.04) |
| Florida | 2.44 | (2.07 - 2.86) | 4.33 | (3.60 - 5.17) | 7.16 | (6.08 - 8.37) | 1.57 | (1.18 - 2.06) |
| Georgia | 2.70 | (2.10 - 3.43) | 4.56 | (3.48 - 5.85) | 6.30 | (4.77 - 8.15) | 1.80 | (1.17 - 2.65) |
| Hawaii | 2.69 | (2.00 - 3.54) | 5.15 | (3.75 - 6.87) | 6.96 | (5.06 - 9.30) | 1.73 | (1.02 - 2.73) |
| Idaho | 2.21 | (1.66 - 2.88) | 3.97 | (2.88 - 5.32) | 5.08 | (3.64 - 6.88) | 1.32 | (0.78 - 2.08) |
| Illinois | 2.89 | (2.48 - 3.36) | 4.25 | (3.55 - 5.03) | 6.16 | (5.22 - 7.22) | 2.14 | (1.66 - 2.73) |
| Indiana | 2.55 | (2.00 - 3.22) | 4.53 | (3.43 - 5.86) | 6.44 | (4.82 - 8.39) | 1.60 | (1.04 - 2.36) |
| Iowa | 2.05 | (1.53 - 2.69) | 4.08 | (3.00 - 5.41) | 4.98 | (3.62 - 6.66) | 1.25 | (0.74 - 1.99) |
| Kansas | 2.90 | (2.25 - 3.68) | 4.92 | (3.69 - 6.43) | 6.39 | (4.80 - 8.30) | 1.97 | (1.29 - 2.87) |
| Kentucky | 2.83 | (2.23 - 3.52) | 4.82 | (3.67 - 6.21) | 7.28 | (5.63 - 9.23) | 1.80 | (1.19 - 2.60) |
| Louisiana | 3.57 | (2.82 - 4.45) | 6.15 | (4.63 - 7.99) | 8.14 | (6.29 - 10.34) | 2.25 | (1.48 - 3.27) |
| Maine | 2.89 | (2.32 - 3.56) | 5.73 | (4.40 - 7.32) | 8.86 | (6.90 - 11.17) | 1.65 | (1.08 - 2.40) |
| Maryland | 2.62 | (2.05 - 3.31) | 4.91 | (3.73 - 6.32) | 6.46 | (4.90 - 8.33) | 1.75 | (1.15 - 2.54) |
| Massachusetts | 3.55 | (2.75 - 4.51) | 5.12 | (3.84 - 6.67) | 7.90 | (6.01 - 10.14) | 2.72 | (1.84 - 3.86) |
| Michigan | 2.73 | (2.36 - 3.15) | 5.05 | (4.30 - 5.88) | 6.78 | (5.80 - 7.87) | 1.72 | (1.31 - 2.23) |
| Minnesota | 2.68 | (2.11 - 3.35) | 4.79 | (3.65 - 6.17) | 6.84 | (5.22 - 8.78) | 1.62 | (1.05 - 2.39) |
| Mississippi | 2.69 | (2.12 - 3.38) | 4.76 | (3.53 - 6.27) | 6.57 | (4.96 - 8.52) | 1.63 | (1.05 - 2.41) |
| Missouri | 2.28 | (1.73 - 2.94) | 4.61 | (3.45 - 6.01) | 5.29 | (3.84 - 7.09) | 1.43 | (0.89 - 2.19) |
| Montana | 2.67 | (2.10 - 3.33) | 5.58 | (4.24 - 7.19) | 6.91 | (5.30 - 8.83) | 1.51 | (0.96 - 2.24) |

See notes at end of table.

(continued)

Table B.5 Percentages Reporting Past Month Use of Any Illicit Drug Other Than Marijuana, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 2.05 | (1.50 - 2.72) | 3.91 | (2.80 - 5.29) | 4.86 | (3.47 - 6.60) | 1.25 | (0.72 - 2.02) |
| Nevada | 3.24 | (2.48 - 4.17) | 5.64 | (4.19 - 7.42) | 7.62 | (5.60 - 10.09) | 2.25 | (1.47 - 3.29) |
| New Hampshire | 3.32 | (2.63 - 4.14) | 6.31 | (4.92 - 7.95) | 9.50 | (7.31 - 12.08) | 1.98 | (1.30 - 2.90) |
| New Jersey | 2.46 | (1.91 - 3.10) | 4.37 | (3.39 - 5.53) | 6.75 | (5.09 - 8.75) | 1.60 | (1.03 - 2.37) |
| New Mexico | 2.75 | (2.13 - 3.49) | 4.48 | (3.32 - 5.90) | 5.86 | (4.34 - 7.71) | 1.89 | (1.24 - 2.75) |
| New York | 2.80 | (2.37 - 3.28) | 3.74 | (3.06 - 4.53) | 6.48 | (5.50 - 7.56) | 2.10 | (1.61 - 2.69) |
| North Carolina | 2.88 | (2.25 - 3.64) | 5.25 | (4.05 - 6.68) | 6.43 | (4.78 - 8.43) | 2.01 | (1.33 - 2.91) |
| North Dakota | 2.16 | (1.60 - 2.84) | 4.28 | (3.12 - 5.72) | 5.02 | (3.65 - 6.72) | 1.28 | (0.73 - 2.09) |
| Ohio | 2.51 | (2.15 - 2.91) | 4.59 | (3.90 - 5.37) | 6.31 | (5.39 - 7.32) | 1.58 | (1.19 - 2.06) |
| Oklahoma | 2.97 | (2.30 - 3.78) | 5.28 | (3.91 - 6.95) | 7.03 | (5.30 - 9.11) | 1.90 | (1.22 - 2.82) |
| Oregon | 3.15 | (2.49 - 3.93) | 5.18 | (3.95 - 6.67) | 8.10 | (6.26 - 10.27) | 2.09 | (1.39 - 3.00) |
| Pennsylvania | 2.73 | (2.34 - 3.16) | 4.70 | (4.00 - 5.47) | 7.20 | (6.21 - 8.28) | 1.81 | (1.39 - 2.32) |
| Rhode Island | 3.00 | (2.35 - 3.77) | 5.44 | (4.08 - 7.08) | 8.53 | (6.47 - 10.99) | 1.87 | (1.21 - 2.76) |
| South Carolina | 2.69 | (2.09 - 3.40) | 4.40 | (3.30 - 5.73) | 6.61 | (5.05 - 8.48) | 1.82 | (1.19 - 2.66) |
| South Dakota | 2.12 | (1.58 - 2.78) | 4.10 | (2.95 - 5.53) | 5.48 | (3.98 - 7.35) | 1.15 | (0.65 - 1.89) |
| Tennessee | 2.93 | (2.25 - 3.75) | 5.87 | (4.47 - 7.55) | 6.56 | (4.87 - 8.62) | 1.96 | (1.27 - 2.89) |
| Texas | 2.72 | (2.37 - 3.10) | 4.64 | (3.96 - 5.41) | 7.00 | (6.05 - 8.03) | 1.57 | (1.18 - 2.03) |
| Utah | 2.75 | (2.13 - 3.49) | 3.80 | (2.72 - 5.14) | 5.45 | (4.02 - 7.20) | 1.75 | (1.08 - 2.69) |
| Vermont | 3.59 | (2.89 - 4.41) | 5.61 | (4.30 - 7.19) | 10.51 | (8.43 - 12.89) | 2.22 | (1.49 - 3.17) |
| Virginia | 2.57 | (2.01 - 3.24) | 4.33 | (3.31 - 5.54) | 7.07 | (5.31 - 9.20) | 1.62 | (1.06 - 2.37) |
| Washington | 2.94 | (2.33 - 3.66) | 4.79 | (3.68 - 6.11) | 7.73 | (5.98 - 9.80) | 1.87 | (1.24 - 2.72) |
| West Virginia | 2.69 | (2.12 - 3.36) | 5.32 | (4.07 - 6.82) | 6.58 | (4.97 - 8.51) | 1.76 | (1.18 - 2.52) |
| Wisconsin | 2.74 | (2.12 - 3.47) | 4.26 | (3.21 - 5.52) | 5.71 | (4.25 - 7.49) | 2.00 | (1.32 - 2.90) |
| Wyoming | 2.57 | (2.02 - 3.23) | 4.77 | (3.57 - 6.24) | 6.78 | (5.08 - 8.85) | 1.40 | (0.88 - 2.11) |

NOTE: Any Illicit Drug Other Than Marijuana includes cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.6 Percentages Reporting Past Year Use of Cocaine, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 1.70 | | 1.60 | | 5.01 | | 1.15 | |
| Alabama | 1.50 | (1.03 - 2.11) | 1.47 | (0.93 - 2.20) | 4.16 | (2.97 - 5.65) | 1.05 | (0.58 - 1.76) |
| Alaska | 2.18 | (1.58 - 2.93) | 1.72 | (1.08 - 2.61) | 5.70 | (4.24 - 7.49) | 1.51 | (0.88 - 2.42) |
| Arizona | 2.33 | (1.70 - 3.11) | 2.97 | (1.97 - 4.30) | 6.61 | (5.00 - 8.55) | 1.47 | (0.84 - 2.38) |
| Arkansas | 1.58 | (1.14 - 2.14) | 1.49 | (0.98 - 2.16) | 4.40 | (3.28 - 5.77) | 1.11 | (0.65 - 1.77) |
| California | 2.02 | (1.66 - 2.44) | 1.97 | (1.54 - 2.48) | 5.27 | (4.47 - 6.16) | 1.44 | (1.03 - 1.95) |
| Colorado | 2.79 | (2.06 - 3.70) | 2.22 | (1.44 - 3.26) | 9.01 | (6.87 - 11.56) | 1.78 | (1.03 - 2.84) |
| Connecticut | 1.76 | (1.26 - 2.40) | 1.72 | (1.12 - 2.52) | 5.35 | (3.91 - 7.14) | 1.27 | (0.76 - 1.99) |
| Delaware | 2.20 | (1.55 - 3.01) | 1.28 | (0.80 - 1.94) | 6.19 | (4.64 - 8.07) | 1.67 | (0.98 - 2.66) |
| District of Columbia | 2.62 | (1.75 - 3.76) | 0.73 | (0.41 - 1.20) | 4.66 | (3.39 - 6.24) | 2.49 | (1.49 - 3.90) |
| Florida | 1.46 | (1.17 - 1.81) | 1.39 | (1.03 - 1.83) | 4.63 | (3.84 - 5.52) | 1.04 | (0.72 - 1.45) |
| Georgia | 1.72 | (1.22 - 2.36) | 1.32 | (0.83 - 1.98) | 4.91 | (3.62 - 6.50) | 1.21 | (0.69 - 1.96) |
| Hawaii | 1.23 | (0.82 - 1.78) | 1.69 | (1.02 - 2.63) | 3.79 | (2.53 - 5.44) | 0.78 | (0.39 - 1.39) |
| Idaho | 1.30 | (0.92 - 1.78) | 1.74 | (1.09 - 2.62) | 3.58 | (2.50 - 4.95) | 0.75 | (0.40 - 1.28) |
| Illinois | 1.83 | (1.48 - 2.23) | 1.13 | (0.80 - 1.55) | 5.05 | (4.21 - 6.00) | 1.36 | (0.97 - 1.86) |
| Indiana | 1.46 | (1.06 - 1.96) | 1.69 | (1.11 - 2.45) | 4.87 | (3.59 - 6.44) | 0.84 | (0.47 - 1.39) |
| Iowa | 1.38 | (0.98 - 1.87) | 1.54 | (0.99 - 2.28) | 4.23 | (3.04 - 5.71) | 0.85 | (0.48 - 1.40) |
| Kansas | 1.59 | (1.14 - 2.17) | 1.37 | (0.85 - 2.10) | 4.86 | (3.56 - 6.46) | 1.02 | (0.59 - 1.66) |
| Kentucky | 1.81 | (1.35 - 2.37) | 1.49 | (0.95 - 2.24) | 5.88 | (4.44 - 7.61) | 1.15 | (0.70 - 1.77) |
| Louisiana | 1.64 | (1.13 - 2.31) | 1.37 | (0.87 - 2.05) | 3.91 | (2.81 - 5.29) | 1.23 | (0.69 - 2.03) |
| Maine | 1.42 | (1.01 - 1.92) | 2.01 | (1.32 - 2.93) | 4.78 | (3.38 - 6.54) | 0.84 | (0.48 - 1.38) |
| Maryland | 1.41 | (0.98 - 1.96) | 1.29 | (0.82 - 1.93) | 3.86 | (2.81 - 5.17) | 1.06 | (0.61 - 1.70) |
| Massachusetts | 2.33 | (1.63 - 3.21) | 1.72 | (1.11 - 2.56) | 6.45 | (4.85 - 8.39) | 1.79 | (1.05 - 2.84) |
| Michigan | 1.36 | (1.10 - 1.66) | 1.34 | (0.99 - 1.77) | 4.60 | (3.85 - 5.46) | 0.81 | (0.54 - 1.17) |
| Minnesota | 1.97 | (1.45 - 2.61) | 1.93 | (1.27 - 2.79) | 6.16 | (4.64 - 7.99) | 1.23 | (0.72 - 1.96) |
| Mississippi | 1.31 | (0.88 - 1.88) | 0.91 | (0.53 - 1.46) | 3.92 | (2.71 - 5.46) | 0.87 | (0.44 - 1.55) |
| Missouri | 1.23 | (0.85 - 1.72) | 1.40 | (0.88 - 2.13) | 3.82 | (2.72 - 5.21) | 0.77 | (0.40 - 1.33) |
| Montana | 1.76 | (1.30 - 2.32) | 1.97 | (1.31 - 2.86) | 5.90 | (4.50 - 7.58) | 1.01 | (0.57 - 1.65) |

See notes at end of table.

(continued)

Table B.6 Percentages Reporting Past Year Use of Cocaine, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 1.27 | (0.88 - 1.79) | 1.40 | (0.84 - 2.19) | 3.81 | (2.68 - 5.25) | 0.78 | (0.42 - 1.34) |
| Nevada | 2.16 | (1.52 - 2.98) | 2.33 | (1.49 - 3.47) | 5.93 | (4.26 - 8.00) | 1.55 | (0.92 - 2.45) |
| New Hampshire | 1.80 | (1.32 - 2.39) | 1.92 | (1.27 - 2.79) | 6.20 | (4.60 - 8.15) | 1.12 | (0.67 - 1.76) |
| New Jersey | 1.31 | (0.89 - 1.86) | 1.07 | (0.66 - 1.64) | 4.64 | (3.35 - 6.25) | 0.86 | (0.45 - 1.49) |
| New Mexico | 2.79 | (2.03 - 3.74) | 3.27 | (2.19 - 4.70) | 7.25 | (5.37 - 9.52) | 1.87 | (1.06 - 3.04) |
| New York | 1.65 | (1.35 - 2.01) | 1.26 | (0.93 - 1.68) | 5.01 | (4.16 - 5.97) | 1.18 | (0.85 - 1.60) |
| North Carolina | 1.55 | (1.11 - 2.11) | 1.29 | (0.85 - 1.87) | 4.49 | (3.27 - 6.00) | 1.12 | (0.67 - 1.76) |
| North Dakota | 1.59 | (1.17 - 2.12) | 1.75 | (1.15 - 2.56) | 5.02 | (3.69 - 6.65) | 0.91 | (0.52 - 1.46) |
| Ohio | 1.35 | (1.08 - 1.67) | 1.11 | (0.80 - 1.52) | 4.28 | (3.55 - 5.12) | 0.89 | (0.60 - 1.27) |
| Oklahoma | 1.28 | (0.88 - 1.79) | 1.44 | (0.89 - 2.20) | 3.59 | (2.52 - 4.95) | 0.83 | (0.45 - 1.42) |
| Oregon | 1.57 | (1.14 - 2.11) | 1.58 | (1.02 - 2.33) | 5.17 | (3.83 - 6.82) | 0.98 | (0.57 - 1.58) |
| Pennsylvania | 1.64 | (1.36 - 1.97) | 1.45 | (1.11 - 1.87) | 5.23 | (4.41 - 6.14) | 1.14 | (0.83 - 1.52) |
| Rhode Island | 1.71 | (1.24 - 2.31) | 1.44 | (0.90 - 2.19) | 6.12 | (4.57 - 8.01) | 1.10 | (0.65 - 1.75) |
| South Carolina | 1.60 | (1.12 - 2.22) | 1.26 | (0.81 - 1.87) | 4.80 | (3.53 - 6.37) | 1.12 | (0.62 - 1.86) |
| South Dakota | 1.40 | (1.02 - 1.86) | 1.79 | (1.15 - 2.64) | 4.56 | (3.31 - 6.10) | 0.72 | (0.39 - 1.23) |
| Tennessee | 1.47 | (1.01 - 2.06) | 1.66 | (1.07 - 2.45) | 3.99 | (2.81 - 5.50) | 1.03 | (0.58 - 1.70) |
| Texas | 1.93 | (1.61 - 2.30) | 2.27 | (1.76 - 2.89) | 5.59 | (4.74 - 6.55) | 1.15 | (0.80 - 1.59) |
| Utah | 1.43 | (1.01 - 1.96) | 1.46 | (0.88 - 2.28) | 3.45 | (2.39 - 4.82) | 0.83 | (0.45 - 1.42) |
| Vermont | 2.13 | (1.59 - 2.80) | 1.58 | (1.00 - 2.38) | 7.52 | (5.80 - 9.56) | 1.35 | (0.80 - 2.13) |
| Virginia | 1.52 | (1.09 - 2.05) | 1.11 | (0.68 - 1.73) | 5.00 | (3.70 - 6.58) | 1.01 | (0.59 - 1.61) |
| Washington | 1.59 | (1.14 - 2.14) | 1.91 | (1.26 - 2.78) | 4.60 | (3.34 - 6.17) | 1.03 | (0.59 - 1.67) |
| West Virginia | 1.35 | (0.94 - 1.88) | 1.47 | (0.94 - 2.18) | 4.23 | (3.06 - 5.69) | 0.88 | (0.49 - 1.46) |
| Wisconsin | 1.68 | (1.24 - 2.22) | 1.62 | (1.06 - 2.36) | 5.06 | (3.72 - 6.72) | 1.09 | (0.66 - 1.71) |
| Wyoming | 1.52 | (1.09 - 2.07) | 1.57 | (0.99 - 2.36) | 4.70 | (3.40 - 6.32) | 0.88 | (0.48 - 1.50) |

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.7 Percentages Reporting Past Month Use of Alcohol, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 47.59 | | 16.83 | | 57.48 | | 50.10 | |
| Alabama | 37.02 | (33.80 - 40.33) | 15.14 | (12.79 - 17.74) | 49.89 | (45.86 - 53.92) | 37.65 | (33.65 - 41.79) |
| Alaska | 49.40 | (46.48 - 52.33) | 16.00 | (13.50 - 18.77) | 55.98 | (52.10 - 59.81) | 54.17 | (50.36 - 57.95) |
| Arizona | 49.80 | (46.42 - 53.19) | 17.27 | (14.72 - 20.06) | 54.54 | (50.79 - 58.25) | 53.81 | (49.47 - 58.11) |
| Arkansas | 37.61 | (34.67 - 40.63) | 16.89 | (14.48 - 19.53) | 48.97 | (45.06 - 52.89) | 38.48 | (34.82 - 42.24) |
| California | 47.53 | (45.91 - 49.14) | 14.83 | (13.61 - 16.11) | 53.14 | (50.98 - 55.28) | 51.12 | (49.03 - 53.21) |
| Colorado | 57.98 | (54.90 - 61.01) | 20.16 | (17.31 - 23.25) | 65.67 | (61.83 - 69.37) | 61.93 | (58.05 - 65.69) |
| Connecticut | 59.63 | (56.53 - 62.68) | 21.79 | (18.96 - 24.83) | 68.09 | (64.28 - 71.73) | 63.16 | (59.37 - 66.83) |
| Delaware | 55.06 | (51.84 - 58.24) | 18.43 | (15.75 - 21.35) | 62.63 | (58.95 - 66.21) | 58.50 | (54.50 - 62.43) |
| District of Columbia | 50.19 | (46.76 - 53.61) | 13.51 | (11.14 - 16.18) | 61.55 | (57.96 - 65.06) | 52.33 | (48.10 - 56.53) |
| Florida | 48.13 | (46.32 - 49.95) | 15.85 | (14.40 - 17.37) | 53.50 | (51.29 - 55.70) | 51.23 | (49.01 - 53.45) |
| Georgia | 42.58 | (39.34 - 45.87) | 15.13 | (12.90 - 17.58) | 51.81 | (47.83 - 55.77) | 44.80 | (40.75 - 48.91) |
| Hawaii | 43.50 | (40.22 - 46.81) | 16.70 | (13.94 - 19.77) | 56.46 | (52.13 - 60.72) | 44.76 | (40.76 - 48.81) |
| Idaho | 41.72 | (38.79 - 44.69) | 14.77 | (12.48 - 17.30) | 51.43 | (47.43 - 55.42) | 44.08 | (40.28 - 47.94) |
| Illinois | 51.32 | (49.62 - 53.02) | 18.61 | (17.14 - 20.16) | 60.70 | (58.76 - 62.61) | 54.14 | (51.96 - 56.30) |
| Indiana | 41.62 | (38.37 - 44.92) | 13.35 | (11.16 - 15.78) | 52.19 | (48.22 - 56.14) | 43.63 | (39.55 - 47.77) |
| Iowa | 50.15 | (47.01 - 53.30) | 17.22 | (14.74 - 19.93) | 67.03 | (63.33 - 70.58) | 51.76 | (47.78 - 55.71) |
| Kansas | 48.25 | (45.11 - 51.39) | 17.91 | (15.26 - 20.81) | 62.09 | (58.11 - 65.96) | 50.18 | (46.25 - 54.11) |
| Kentucky | 35.88 | (32.87 - 38.97) | 17.05 | (14.45 - 19.90) | 51.58 | (47.75 - 55.41) | 35.61 | (31.87 - 39.48) |
| Louisiana | 45.67 | (42.55 - 48.81) | 19.55 | (16.70 - 22.65) | 57.11 | (53.17 - 60.97) | 47.42 | (43.42 - 51.45) |
| Maine | 54.34 | (51.29 - 57.36) | 19.99 | (17.29 - 22.91) | 67.31 | (63.40 - 71.05) | 56.79 | (53.05 - 60.48) |
| Maryland | 48.03 | (44.70 - 51.37) | 18.30 | (15.59 - 21.25) | 59.60 | (55.73 - 63.39) | 50.12 | (45.96 - 54.27) |
| Massachusetts | 60.12 | (56.97 - 63.21) | 22.71 | (19.71 - 25.93) | 74.24 | (70.77 - 77.50) | 62.61 | (58.69 - 66.42) |
| Michigan | 50.17 | (48.51 - 51.82) | 17.74 | (16.28 - 19.28) | 64.08 | (62.07 - 66.06) | 52.36 | (50.25 - 54.47) |
| Minnesota | 58.36 | (55.29 - 61.39) | 19.81 | (17.13 - 22.72) | 70.12 | (66.47 - 73.58) | 61.94 | (58.06 - 65.71) |
| Mississippi | 32.60 | (29.59 - 35.71) | 12.75 | (10.62 - 15.13) | 46.26 | (42.34 - 50.21) | 32.98 | (29.17 - 36.96) |
| Missouri | 46.66 | (43.40 - 49.93) | 18.01 | (15.41 - 20.84) | 59.72 | (55.98 - 63.38) | 48.42 | (44.31 - 52.55) |
| Montana | 54.10 | (51.04 - 57.14) | 19.68 | (16.81 - 22.79) | 64.40 | (60.70 - 67.97) | 57.32 | (53.49 - 61.08) |

See notes at end of table.

(continued)

Table B.7 Percentages Reporting Past Month Use of Alcohol, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 54.05 | (50.97 - 57.10) | 21.54 | (18.67 - 24.62) | 68.59 | (64.88 - 72.14) | 56.22 | (52.32 - 60.06) |
| Nevada | 52.98 | (49.72 - 56.22) | 19.63 | (16.59 - 22.95) | 60.40 | (56.01 - 64.67) | 56.19 | (52.22 - 60.10) |
| New Hampshire | 60.20 | (56.98 - 63.36) | 22.60 | (19.69 - 25.72) | 68.36 | (64.48 - 72.05) | 64.13 | (60.13 - 67.98) |
| New Jersey | 53.44 | (50.23 - 56.63) | 17.65 | (15.31 - 20.19) | 61.14 | (57.36 - 64.82) | 56.72 | (52.82 - 60.56) |
| New Mexico | 48.10 | (45.09 - 51.13) | 17.96 | (15.32 - 20.84) | 55.12 | (50.93 - 59.26) | 51.57 | (47.72 - 55.40) |
| New York | 48.90 | (47.16 - 50.64) | 17.64 | (16.17 - 19.19) | 60.52 | (58.43 - 62.58) | 51.01 | (48.84 - 53.19) |
| North Carolina | 38.42 | (35.45 - 41.46) | 13.57 | (11.43 - 15.93) | 50.91 | (47.04 - 54.77) | 39.77 | (36.11 - 43.52) |
| North Dakota | 57.36 | (54.33 - 60.35) | 24.72 | (21.58 - 28.08) | 75.47 | (72.01 - 78.70) | 58.81 | (54.90 - 62.65) |
| Ohio | 47.23 | (45.60 - 48.87) | 16.36 | (15.01 - 17.78) | 60.69 | (58.70 - 62.65) | 49.14 | (47.07 - 51.21) |
| Oklahoma | 37.83 | (34.76 - 40.98) | 15.68 | (13.10 - 18.54) | 53.07 | (48.91 - 57.20) | 38.32 | (34.51 - 42.25) |
| Oregon | 49.16 | (45.79 - 52.54) | 15.18 | (12.78 - 17.83) | 58.42 | (54.60 - 62.17) | 52.00 | (47.82 - 56.16) |
| Pennsylvania | 50.11 | (48.47 - 51.74) | 17.57 | (16.15 - 19.07) | 62.03 | (60.09 - 63.95) | 52.44 | (50.40 - 54.47) |
| Rhode Island | 58.00 | (54.69 - 61.26) | 18.69 | (15.86 - 21.77) | 67.14 | (63.38 - 70.74) | 61.77 | (57.69 - 65.73) |
| South Carolina | 40.50 | (37.34 - 43.71) | 14.96 | (12.70 - 17.46) | 51.69 | (47.93 - 55.44) | 42.00 | (38.07 - 46.00) |
| South Dakota | 52.14 | (49.08 - 55.19) | 19.02 | (16.28 - 22.01) | 68.21 | (64.39 - 71.85) | 54.26 | (50.29 - 58.19) |
| Tennessee | 35.90 | (32.79 - 39.11) | 13.26 | (11.06 - 15.73) | 47.75 | (43.60 - 51.92) | 36.86 | (33.03 - 40.81) |
| Texas | 44.20 | (42.46 - 45.94) | 17.62 | (16.16 - 19.16) | 54.98 | (52.99 - 56.96) | 46.19 | (43.92 - 48.48) |
| Utah | 28.91 | (26.12 - 31.83) | 10.36 | (8.12 - 12.96) | 32.39 | (28.88 - 36.05) | 31.74 | (27.90 - 35.78) |
| Vermont | 61.58 | (58.60 - 64.49) | 21.56 | (18.73 - 24.61) | 69.96 | (66.51 - 73.25) | 65.67 | (61.95 - 69.25) |
| Virginia | 47.02 | (43.92 - 50.15) | 12.39 | (10.26 - 14.78) | 56.83 | (52.69 - 60.91) | 49.87 | (46.04 - 53.71) |
| Washington | 50.03 | (46.74 - 53.33) | 16.16 | (13.83 - 18.70) | 55.61 | (51.78 - 59.39) | 53.72 | (49.59 - 57.81) |
| West Virginia | 36.45 | (33.57 - 39.41) | 17.00 | (14.46 - 19.79) | 51.57 | (47.60 - 55.53) | 36.29 | (32.77 - 39.91) |
| Wisconsin | 59.84 | (56.78 - 62.85) | 20.67 | (17.96 - 23.59) | 69.37 | (65.74 - 72.84) | 63.80 | (59.90 - 67.56) |
| Wyoming | 53.34 | (50.21 - 56.44) | 20.48 | (17.53 - 23.70) | 63.80 | (59.95 - 67.52) | 56.36 | (52.37 - 60.29) |

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.8 Percentages Reporting Past Month *Binge Alcohol* Use, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 20.58 | | 10.53 | | 38.12 | | 18.97 | |
| Alabama | 18.29 | (16.11 - 20.64) | 10.43 | (8.54 - 12.58) | 31.51 | (27.88 - 35.33) | 17.05 | (14.48 - 19.88) |
| Alaska | 20.19 | (18.03 - 22.50) | 9.83 | (7.95 - 11.97) | 35.42 | (31.64 - 39.35) | 18.88 | (16.17 - 21.83) |
| Arizona | 21.52 | (19.11 - 24.09) | 11.20 | (9.17 - 13.49) | 36.38 | (32.74 - 40.14) | 20.41 | (17.44 - 23.63) |
| Arkansas | 19.17 | (17.09 - 21.38) | 11.15 | (9.25 - 13.29) | 34.76 | (31.14 - 38.52) | 17.59 | (15.14 - 20.25) |
| California | 19.14 | (17.93 - 20.40) | 9.24 | (8.29 - 10.27) | 32.38 | (30.45 - 34.36) | 18.11 | (16.60 - 19.68) |
| Colorado | 22.02 | (19.69 - 24.49) | 12.67 | (10.59 - 15.00) | 45.81 | (41.80 - 49.85) | 19.13 | (16.35 - 22.16) |
| Connecticut | 22.28 | (19.93 - 24.78) | 14.62 | (12.23 - 17.28) | 46.41 | (42.15 - 50.71) | 19.87 | (17.12 - 22.84) |
| Delaware | 21.51 | (19.26 - 23.89) | 10.74 | (8.85 - 12.87) | 40.35 | (36.70 - 44.09) | 19.86 | (17.19 - 22.76) |
| District of Columbia | 21.96 | (19.42 - 24.67) | 7.29 | (5.69 - 9.17) | 39.02 | (35.31 - 42.83) | 20.77 | (17.78 - 24.03) |
| Florida | 18.78 | (17.51 - 20.10) | 9.12 | (8.01 - 10.33) | 33.29 | (31.29 - 35.33) | 17.94 | (16.41 - 19.55) |
| Georgia | 19.84 | (17.54 - 22.29) | 8.80 | (7.13 - 10.72) | 33.60 | (29.91 - 37.45) | 18.94 | (16.17 - 21.96) |
| Hawaii | 18.71 | (16.38 - 21.21) | 10.71 | (8.56 - 13.19) | 34.64 | (30.73 - 38.72) | 17.21 | (14.48 - 20.22) |
| Idaho | 19.62 | (17.57 - 21.79) | 10.75 | (8.84 - 12.92) | 36.24 | (32.59 - 40.01) | 17.57 | (15.10 - 20.26) |
| Illinois | 24.07 | (22.71 - 25.46) | 11.42 | (10.28 - 12.65) | 42.66 | (40.69 - 44.65) | 22.57 | (20.88 - 24.31) |
| Indiana | 18.99 | (16.83 - 21.29) | 8.25 | (6.65 - 10.09) | 33.71 | (30.05 - 37.52) | 17.87 | (15.27 - 20.72) |
| Iowa | 21.94 | (19.76 - 24.25) | 11.64 | (9.71 - 13.79) | 46.62 | (42.84 - 50.44) | 19.01 | (16.40 - 21.84) |
| Kansas | 19.94 | (17.81 - 22.21) | 10.54 | (8.65 - 12.68) | 41.59 | (37.71 - 45.55) | 17.36 | (14.83 - 20.11) |
| Kentucky | 18.26 | (16.31 - 20.34) | 11.27 | (9.19 - 13.63) | 36.84 | (33.36 - 40.42) | 15.95 | (13.63 - 18.49) |
| Louisiana | 22.27 | (19.96 - 24.72) | 11.28 | (9.28 - 13.53) | 37.94 | (34.33 - 41.66) | 20.82 | (17.99 - 23.87) |
| Maine | 22.65 | (20.46 - 24.95) | 12.84 | (10.72 - 15.22) | 46.25 | (42.18 - 50.36) | 20.40 | (17.84 - 23.14) |
| Maryland | 19.54 | (17.34 - 21.89) | 10.57 | (8.72 - 12.65) | 37.09 | (33.56 - 40.72) | 18.04 | (15.43 - 20.90) |
| Massachusetts | 25.90 | (23.38 - 28.55) | 13.74 | (11.55 - 16.16) | 52.55 | (48.65 - 56.43) | 23.44 | (20.44 - 26.66) |
| Michigan | 21.93 | (20.68 - 23.23) | 12.23 | (11.01 - 13.54) | 43.78 | (41.79 - 45.79) | 19.60 | (18.03 - 21.24) |
| Minnesota | 24.05 | (21.77 - 26.44) | 12.59 | (10.48 - 14.97) | 48.48 | (44.44 - 52.54) | 21.36 | (18.60 - 24.33) |
| Mississippi | 18.27 | (16.09 - 20.60) | 8.73 | (7.00 - 10.73) | 30.46 | (27.04 - 34.06) | 17.36 | (14.71 - 20.27) |
| Missouri | 19.97 | (17.81 - 22.27) | 12.02 | (9.85 - 14.48) | 38.80 | (35.13 - 42.56) | 17.86 | (15.28 - 20.67) |
| Montana | 23.21 | (21.02 - 25.52) | 12.86 | (10.69 - 15.29) | 46.99 | (43.27 - 50.75) | 20.58 | (17.93 - 23.43) |

See notes at end of table.

(continued)

Table B.8 Percentages Reporting Past Month *Binge Alcohol* Use, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 22.80 | (20.62 - 25.09) | 13.68 | (11.44 - 16.17) | 47.26 | (43.34 - 51.21) | 19.63 | (17.02 - 22.46) |
| Nevada | 23.75 | (21.21 - 26.44) | 12.92 | (10.62 - 15.52) | 41.77 | (37.60 - 46.02) | 22.36 | (19.39 - 25.57) |
| New Hampshire | 21.85 | (19.57 - 24.26) | 12.90 | (10.82 - 15.21) | 46.01 | (41.90 - 50.16) | 19.43 | (16.76 - 22.33) |
| New Jersey | 21.32 | (19.02 - 23.75) | 10.92 | (9.24 - 12.80) | 39.07 | (35.33 - 42.92) | 20.02 | (17.31 - 22.96) |
| New Mexico | 22.68 | (20.42 - 25.06) | 13.31 | (11.07 - 15.81) | 40.01 | (36.09 - 44.03) | 20.87 | (18.12 - 23.84) |
| New York | 19.67 | (18.41 - 20.98) | 10.37 | (9.28 - 11.54) | 39.89 | (37.83 - 41.98) | 17.67 | (16.15 - 19.28) |
| North Carolina | 17.02 | (15.06 - 19.13) | 8.51 | (6.92 - 10.33) | 32.29 | (28.72 - 36.03) | 15.75 | (13.43 - 18.28) |
| North Dakota | 29.04 | (26.52 - 31.67) | 17.88 | (15.09 - 20.95) | 59.31 | (55.39 - 63.15) | 24.88 | (21.79 - 28.18) |
| Ohio | 21.71 | (20.50 - 22.96) | 10.64 | (9.49 - 11.88) | 43.10 | (41.14 - 45.08) | 19.59 | (18.09 - 21.15) |
| Oklahoma | 18.33 | (16.27 - 20.54) | 10.41 | (8.47 - 12.61) | 36.78 | (33.19 - 40.48) | 16.15 | (13.72 - 18.83) |
| Oregon | 18.14 | (16.04 - 20.40) | 9.57 | (7.75 - 11.66) | 37.24 | (33.59 - 41.00) | 16.13 | (13.67 - 18.83) |
| Pennsylvania | 22.31 | (21.05 - 23.60) | 11.08 | (9.93 - 12.31) | 43.61 | (41.61 - 45.61) | 20.55 | (19.02 - 22.15) |
| Rhode Island | 24.18 | (21.72 - 26.77) | 12.10 | (9.90 - 14.58) | 46.27 | (42.27 - 50.30) | 22.50 | (19.58 - 25.63) |
| South Carolina | 19.67 | (17.49 - 21.98) | 9.48 | (7.69 - 11.54) | 34.20 | (30.65 - 37.89) | 18.60 | (15.98 - 21.45) |
| South Dakota | 24.48 | (22.17 - 26.91) | 13.37 | (11.08 - 15.93) | 46.82 | (42.96 - 50.71) | 21.91 | (19.10 - 24.92) |
| Tennessee | 16.01 | (13.95 - 18.25) | 8.11 | (6.50 - 9.96) | 29.29 | (25.58 - 33.23) | 14.84 | (12.45 - 17.49) |
| Texas | 21.54 | (20.22 - 22.90) | 10.63 | (9.55 - 11.79) | 36.77 | (34.88 - 38.68) | 20.20 | (18.53 - 21.95) |
| Utah | 14.19 | (12.23 - 16.34) | 7.02 | (5.20 - 9.24) | 23.09 | (19.88 - 26.56) | 13.08 | (10.60 - 15.90) |
| Vermont | 23.19 | (21.03 - 25.46) | 13.15 | (11.03 - 15.53) | 48.21 | (44.52 - 51.91) | 20.57 | (17.99 - 23.34) |
| Virginia | 17.78 | (15.71 - 19.99) | 7.55 | (6.11 - 9.20) | 33.26 | (29.51 - 37.16) | 16.60 | (14.18 - 19.26) |
| Washington | 18.88 | (16.83 - 21.08) | 10.20 | (8.40 - 12.23) | 35.45 | (31.75 - 39.28) | 17.27 | (14.80 - 19.96) |
| West Virginia | 18.20 | (16.22 - 20.32) | 11.75 | (9.70 - 14.05) | 37.71 | (34.03 - 41.51) | 15.82 | (13.52 - 18.35) |
| Wisconsin | 28.34 | (25.85 - 30.92) | 13.11 | (10.99 - 15.47) | 49.95 | (46.10 - 53.79) | 26.75 | (23.64 - 30.03) |
| Wyoming | 24.08 | (21.74 - 26.53) | 13.67 | (11.33 - 16.30) | 45.30 | (41.35 - 49.29) | 21.50 | (18.67 - 24.54) |

NOTE: Binge Alcohol Use is defined as drinking five or more drinks on the same occasion on at least 1 day in the past 30 days. By "occasion" is meant at the same time or within a couple hours of each other.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.9 Percentages Reporting Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 46.56 | | 43.05 | | 36.82 | | 48.69 | |
| Alabama | 50.11 | (46.79 - 53.43) | 46.64 | (43.01 - 50.29) | 41.13 | (37.31 - 45.04) | 52.09 | (47.97 - 56.19) |
| Alaska | 44.83 | (41.90 - 47.79) | 39.87 | (36.22 - 43.60) | 36.88 | (33.06 - 40.84) | 47.43 | (43.64 - 51.24) |
| Arizona | 45.12 | (41.97 - 48.29) | 41.76 | (38.37 - 45.21) | 36.93 | (33.29 - 40.68) | 47.08 | (43.14 - 51.05) |
| Arkansas | 48.99 | (46.11 - 51.88) | 44.32 | (40.86 - 47.83) | 36.01 | (32.29 - 39.87) | 51.85 | (48.28 - 55.40) |
| California | 51.58 | (49.95 - 53.20) | 45.68 | (43.87 - 47.50) | 42.80 | (40.79 - 44.83) | 54.03 | (51.92 - 56.13) |
| Colorado | 42.40 | (39.27 - 45.57) | 39.69 | (36.14 - 43.32) | 29.48 | (25.88 - 33.27) | 45.06 | (41.14 - 49.02) |
| Connecticut | 42.83 | (39.82 - 45.87) | 40.40 | (36.80 - 44.07) | 34.52 | (30.77 - 38.43) | 44.29 | (40.65 - 47.97) |
| Delaware | 44.19 | (41.16 - 47.25) | 41.19 | (37.66 - 44.80) | 34.76 | (31.30 - 38.34) | 46.08 | (42.36 - 49.83) |
| District of Columbia | 51.52 | (48.27 - 54.76) | 50.48 | (46.46 - 54.50) | 41.46 | (37.63 - 45.38) | 53.28 | (49.33 - 57.20) |
| Florida | 49.54 | (47.74 - 51.34) | 45.82 | (43.62 - 48.02) | 42.33 | (40.11 - 44.57) | 50.97 | (48.77 - 53.16) |
| Georgia | 49.42 | (46.29 - 52.55) | 47.99 | (44.69 - 51.31) | 40.00 | (36.39 - 43.69) | 51.30 | (47.34 - 55.25) |
| Hawaii | 43.66 | (40.21 - 47.16) | 44.44 | (40.53 - 48.41) | 32.26 | (28.39 - 36.33) | 45.34 | (41.13 - 49.60) |
| Idaho | 44.82 | (41.93 - 47.74) | 42.27 | (38.73 - 45.87) | 34.19 | (30.72 - 37.79) | 47.48 | (43.79 - 51.18) |
| Illinois | 44.19 | (42.55 - 45.83) | 42.29 | (40.38 - 44.22) | 34.19 | (32.26 - 36.17) | 46.17 | (44.10 - 48.25) |
| Indiana | 44.23 | (41.15 - 47.34) | 41.86 | (38.47 - 45.31) | 34.79 | (31.27 - 38.43) | 46.20 | (42.36 - 50.08) |
| Iowa | 41.15 | (38.13 - 44.21) | 40.06 | (36.56 - 43.63) | 27.90 | (24.66 - 31.32) | 43.64 | (39.85 - 47.48) |
| Kansas | 41.67 | (38.53 - 44.85) | 40.01 | (36.21 - 43.90) | 30.61 | (26.96 - 34.45) | 43.94 | (40.07 - 47.87) |
| Kentucky | 46.96 | (43.87 - 50.07) | 42.90 | (39.48 - 46.37) | 32.61 | (29.23 - 36.13) | 49.98 | (46.08 - 53.87) |
| Louisiana | 47.64 | (44.68 - 50.61) | 44.28 | (40.72 - 47.88) | 40.94 | (37.39 - 44.57) | 49.51 | (45.74 - 53.29) |
| Maine | 42.96 | (40.12 - 45.83) | 36.23 | (32.92 - 39.65) | 31.06 | (27.52 - 34.78) | 45.58 | (42.12 - 49.07) |
| Maryland | 46.62 | (43.54 - 49.71) | 43.20 | (39.81 - 46.64) | 39.57 | (35.99 - 43.23) | 48.13 | (44.36 - 51.90) |
| Massachusetts | 38.61 | (35.52 - 41.78) | 35.52 | (32.17 - 38.99) | 28.25 | (24.78 - 31.93) | 40.53 | (36.73 - 44.41) |
| Michigan | 44.86 | (43.27 - 46.47) | 41.03 | (39.16 - 42.91) | 34.30 | (32.39 - 36.25) | 47.19 | (45.15 - 49.24) |
| Minnesota | 42.23 | (39.26 - 45.25) | 41.90 | (38.27 - 45.59) | 30.34 | (26.91 - 33.94) | 44.41 | (40.70 - 48.17) |
| Mississippi | 51.04 | (47.98 - 54.09) | 48.74 | (45.06 - 52.44) | 46.63 | (42.85 - 50.43) | 52.24 | (48.33 - 56.12) |
| Missouri | 42.16 | (39.07 - 45.30) | 37.86 | (34.42 - 41.40) | 32.14 | (28.74 - 35.69) | 44.48 | (40.60 - 48.40) |
| Montana | 40.15 | (37.27 - 43.09) | 37.04 | (33.52 - 40.67) | 27.88 | (24.73 - 31.20) | 42.74 | (39.13 - 46.40) |

See notes at end of table.

(continued)

Table B.9 Percentages Reporting Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 38.96 | (36.09 - 41.90) | 35.55 | (32.05 - 39.17) | 28.48 | (25.20 - 31.94) | 41.42 | (37.80 - 45.10) |
| Nevada | 45.19 | (42.14 - 48.27) | 41.51 | (37.66 - 45.43) | 39.39 | (35.21 - 43.68) | 46.57 | (42.90 - 50.28) |
| New Hampshire | 38.77 | (35.76 - 41.84) | 35.65 | (32.39 - 39.02) | 25.43 | (21.91 - 29.20) | 41.20 | (37.50 - 44.98) |
| New Jersey | 48.01 | (44.90 - 51.14) | 43.01 | (39.88 - 46.18) | 35.50 | (31.67 - 39.48) | 50.43 | (46.64 - 54.22) |
| New Mexico | 49.62 | (46.68 - 52.57) | 40.39 | (36.81 - 44.04) | 37.63 | (33.78 - 41.60) | 53.37 | (49.63 - 57.09) |
| New York | 48.41 | (46.76 - 50.06) | 45.05 | (43.07 - 47.04) | 37.15 | (35.18 - 39.16) | 50.60 | (48.53 - 52.67) |
| North Carolina | 47.30 | (44.29 - 50.33) | 44.20 | (40.85 - 47.59) | 39.20 | (35.45 - 43.05) | 48.99 | (45.28 - 52.71) |
| North Dakota | 37.21 | (34.28 - 40.21) | 36.38 | (32.99 - 39.88) | 26.36 | (23.04 - 29.90) | 39.44 | (35.73 - 43.23) |
| Ohio | 42.74 | (41.19 - 44.30) | 41.72 | (39.82 - 43.65) | 32.58 | (30.71 - 34.49) | 44.60 | (42.65 - 46.57) |
| Oklahoma | 48.31 | (45.27 - 51.36) | 41.10 | (37.32 - 44.96) | 38.65 | (34.67 - 42.74) | 51.12 | (47.30 - 54.92) |
| Oregon | 43.25 | (40.07 - 46.48) | 40.98 | (37.35 - 44.69) | 30.82 | (27.52 - 34.27) | 45.56 | (41.61 - 49.55) |
| Pennsylvania | 41.89 | (40.26 - 43.54) | 41.84 | (39.96 - 43.74) | 31.03 | (29.26 - 32.85) | 43.52 | (41.48 - 45.57) |
| Rhode Island | 42.86 | (39.86 - 45.91) | 42.07 | (38.47 - 45.73) | 31.88 | (28.32 - 35.59) | 44.58 | (40.93 - 48.28) |
| South Carolina | 47.93 | (44.74 - 51.14) | 45.74 | (42.10 - 49.42) | 40.97 | (37.30 - 44.71) | 49.37 | (45.44 - 53.30) |
| South Dakota | 36.73 | (33.82 - 39.71) | 35.35 | (31.80 - 39.03) | 25.42 | (22.16 - 28.89) | 39.14 | (35.46 - 42.92) |
| Tennessee | 51.96 | (48.48 - 55.43) | 46.73 | (43.00 - 50.49) | 39.10 | (35.15 - 43.15) | 54.75 | (50.47 - 58.98) |
| Texas | 49.12 | (47.32 - 50.93) | 43.85 | (41.90 - 45.82) | 40.60 | (38.58 - 42.65) | 51.65 | (49.29 - 54.01) |
| Utah | 50.36 | (47.34 - 53.37) | 47.72 | (43.64 - 51.82) | 45.29 | (41.48 - 49.14) | 52.38 | (48.28 - 56.46) |
| Vermont | 39.83 | (37.08 - 42.62) | 35.03 | (31.68 - 38.49) | 28.83 | (25.66 - 32.16) | 42.23 | (38.82 - 45.68) |
| Virginia | 47.58 | (44.50 - 50.68) | 45.22 | (41.93 - 48.55) | 35.84 | (32.14 - 39.67) | 49.76 | (46.00 - 53.53) |
| Washington | 46.68 | (43.56 - 49.83) | 39.53 | (36.12 - 43.02) | 35.22 | (31.63 - 38.94) | 49.60 | (45.68 - 53.52) |
| West Virginia | 45.32 | (42.39 - 48.28) | 41.08 | (37.64 - 44.60) | 33.36 | (29.85 - 37.02) | 47.73 | (44.18 - 51.30) |
| Wisconsin | 39.47 | (36.38 - 42.63) | 37.63 | (34.33 - 41.03) | 29.65 | (26.34 - 33.12) | 41.45 | (37.56 - 45.41) |
| Wyoming | 42.29 | (39.31 - 45.31) | 36.74 | (33.01 - 40.58) | 30.09 | (26.49 - 33.87) | 45.56 | (41.81 - 49.35) |

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.10 Percentages Reporting Past Month Use of *Any Tobacco Product*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 29.38 | | 15.37 | | 43.36 | | 28.91 | |
| Alabama | 30.82 | (27.85 - 33.91) | 16.71 | (14.18 - 19.49) | 42.08 | (38.07 - 46.18) | 30.72 | (27.04 - 34.60) |
| Alaska | 30.73 | (28.06 - 33.49) | 19.64 | (16.83 - 22.70) | 47.88 | (43.94 - 51.84) | 29.13 | (25.74 - 32.70) |
| Arizona | 27.81 | (25.06 - 30.68) | 13.24 | (10.94 - 15.81) | 40.20 | (36.66 - 43.82) | 27.77 | (24.32 - 31.43) |
| Arkansas | 33.45 | (30.67 - 36.31) | 18.21 | (15.72 - 20.91) | 47.11 | (43.21 - 51.05) | 33.18 | (29.71 - 36.78) |
| California | 23.71 | (22.33 - 25.13) | 9.87 | (8.85 - 10.95) | 33.05 | (31.17 - 34.96) | 23.95 | (22.17 - 25.79) |
| Colorado | 29.81 | (27.14 - 32.58) | 18.50 | (15.64 - 21.63) | 50.38 | (46.53 - 54.22) | 27.76 | (24.50 - 31.20) |
| Connecticut | 28.13 | (25.43 - 30.95) | 18.45 | (15.67 - 21.48) | 47.02 | (42.95 - 51.12) | 26.69 | (23.45 - 30.13) |
| Delaware | 29.47 | (26.85 - 32.19) | 17.42 | (14.79 - 20.31) | 46.55 | (42.88 - 50.24) | 28.27 | (25.06 - 31.65) |
| District of Columbia | 28.79 | (25.83 - 31.89) | 11.27 | (8.94 - 13.96) | 38.96 | (35.08 - 42.94) | 29.04 | (25.48 - 32.80) |
| Florida | 28.65 | (27.09 - 30.25) | 13.08 | (11.72 - 14.52) | 41.14 | (39.05 - 43.25) | 28.79 | (26.90 - 30.74) |
| Georgia | 32.16 | (29.36 - 35.07) | 14.86 | (12.62 - 17.32) | 42.80 | (39.04 - 46.63) | 32.71 | (29.20 - 36.36) |
| Hawaii | 22.85 | (20.44 - 25.41) | 12.99 | (10.57 - 15.73) | 38.81 | (34.53 - 43.22) | 21.58 | (18.69 - 24.69) |
| Idaho | 28.33 | (25.83 - 30.94) | 13.00 | (10.69 - 15.61) | 41.17 | (37.47 - 44.95) | 28.14 | (24.97 - 31.48) |
| Illinois | 31.40 | (29.89 - 32.94) | 16.42 | (15.03 - 17.89) | 47.86 | (45.87 - 49.86) | 30.58 | (28.67 - 32.54) |
| Indiana | 32.94 | (30.22 - 35.75) | 17.60 | (15.14 - 20.28) | 46.61 | (42.89 - 50.36) | 32.64 | (29.26 - 36.17) |
| Iowa | 30.44 | (27.73 - 33.26) | 16.56 | (14.07 - 19.31) | 48.68 | (44.92 - 52.44) | 29.15 | (25.82 - 32.66) |
| Kansas | 31.22 | (28.52 - 34.02) | 16.57 | (13.85 - 19.58) | 46.07 | (42.15 - 50.03) | 30.66 | (27.28 - 34.19) |
| Kentucky | 38.72 | (35.77 - 41.72) | 25.53 | (22.33 - 28.93) | 54.65 | (51.00 - 58.27) | 37.67 | (34.04 - 41.41) |
| Louisiana | 35.00 | (32.15 - 37.92) | 16.63 | (14.06 - 19.45) | 44.69 | (41.09 - 48.33) | 35.90 | (32.26 - 39.66) |
| Maine | 29.46 | (26.86 - 32.16) | 16.54 | (13.91 - 19.43) | 48.49 | (44.43 - 52.56) | 28.29 | (25.18 - 31.56) |
| Maryland | 27.62 | (24.89 - 30.47) | 15.56 | (13.18 - 18.18) | 41.52 | (38.00 - 45.11) | 27.07 | (23.79 - 30.54) |
| Massachusetts | 26.35 | (23.87 - 28.95) | 15.65 | (13.31 - 18.23) | 45.53 | (41.62 - 49.47) | 24.81 | (21.85 - 27.96) |
| Michigan | 31.29 | (29.83 - 32.77) | 17.04 | (15.56 - 18.60) | 48.84 | (46.72 - 50.96) | 30.32 | (28.48 - 32.20) |
| Minnesota | 30.50 | (27.91 - 33.19) | 19.77 | (16.91 - 22.88) | 49.24 | (45.45 - 53.05) | 28.73 | (25.53 - 32.10) |
| Mississippi | 33.80 | (30.89 - 36.81) | 16.46 | (13.98 - 19.19) | 42.97 | (39.22 - 46.78) | 34.66 | (31.02 - 38.45) |
| Missouri | 33.17 | (30.39 - 36.04) | 17.16 | (14.52 - 20.05) | 49.05 | (45.19 - 52.92) | 32.69 | (29.28 - 36.24) |
| Montana | 30.72 | (28.10 - 33.43) | 18.70 | (15.87 - 21.81) | 49.56 | (45.97 - 53.16) | 29.19 | (25.95 - 32.59) |

See notes at end of table.

(continued)

Table B.10 Percentages Reporting Past Month Use of Any Tobacco Product, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 31.28 | (28.79 - 33.86) | 18.10 | (15.41 - 21.04) | 50.73 | (46.93 - 54.51) | 29.66 | (26.55 - 32.91) |
| Nevada | 32.76 | (29.94 - 35.69) | 15.86 | (13.13 - 18.92) | 45.81 | (41.59 - 50.07) | 32.95 | (29.51 - 36.52) |
| New Hampshire | 29.33 | (26.66 - 32.10) | 18.25 | (15.62 - 21.12) | 45.83 | (41.72 - 49.97) | 28.36 | (25.17 - 31.72) |
| New Jersey | 26.23 | (23.72 - 28.84) | 14.25 | (12.29 - 16.40) | 43.38 | (39.70 - 47.11) | 25.22 | (22.20 - 28.42) |
| New Mexico | 30.46 | (27.85 - 33.17) | 19.82 | (16.82 - 23.09) | 43.21 | (39.17 - 47.33) | 29.73 | (26.47 - 33.16) |
| New York | 25.41 | (23.99 - 26.87) | 13.55 | (12.27 - 14.91) | 41.02 | (39.00 - 43.06) | 24.46 | (22.71 - 26.27) |
| North Carolina | 32.60 | (29.87 - 35.41) | 17.64 | (15.17 - 20.33) | 47.24 | (43.38 - 51.13) | 32.28 | (28.95 - 35.75) |
| North Dakota | 31.11 | (28.57 - 33.73) | 23.56 | (20.42 - 26.92) | 50.59 | (46.56 - 54.62) | 28.48 | (25.34 - 31.79) |
| Ohio | 34.02 | (32.54 - 35.53) | 17.99 | (16.48 - 19.58) | 50.07 | (48.06 - 52.08) | 33.47 | (31.58 - 35.41) |
| Oklahoma | 34.56 | (31.78 - 37.42) | 18.30 | (15.50 - 21.37) | 46.62 | (42.65 - 50.61) | 34.76 | (31.26 - 38.38) |
| Oregon | 28.76 | (26.02 - 31.62) | 13.47 | (11.12 - 16.11) | 45.31 | (41.53 - 49.14) | 28.03 | (24.69 - 31.55) |
| Pennsylvania | 31.54 | (30.06 - 33.05) | 17.28 | (15.91 - 18.72) | 49.06 | (47.05 - 51.07) | 30.73 | (28.89 - 32.62) |
| Rhode Island | 29.72 | (27.13 - 32.40) | 15.47 | (12.89 - 18.34) | 45.91 | (42.05 - 49.79) | 29.19 | (26.07 - 32.45) |
| South Carolina | 31.70 | (28.97 - 34.54) | 16.09 | (13.65 - 18.76) | 41.15 | (37.45 - 44.92) | 32.19 | (28.80 - 35.72) |
| South Dakota | 33.33 | (30.77 - 35.96) | 21.56 | (18.58 - 24.79) | 51.03 | (47.18 - 54.87) | 31.76 | (28.54 - 35.11) |
| Tennessee | 33.39 | (30.53 - 36.34) | 19.17 | (16.46 - 22.12) | 47.07 | (43.19 - 50.98) | 32.96 | (29.47 - 36.59) |
| Texas | 27.93 | (26.45 - 29.44) | 14.31 | (12.95 - 15.75) | 38.95 | (37.06 - 40.86) | 27.85 | (25.91 - 29.86) |
| Utah | 18.84 | (16.31 - 21.59) | 8.69 | (6.34 - 11.57) | 27.80 | (24.24 - 31.57) | 18.33 | (14.98 - 22.08) |
| Vermont | 30.49 | (27.98 - 33.10) | 18.89 | (16.26 - 21.76) | 48.90 | (45.37 - 52.43) | 29.14 | (26.08 - 32.34) |
| Virginia | 28.44 | (25.90 - 31.09) | 13.48 | (11.37 - 15.83) | 43.22 | (39.34 - 47.16) | 27.98 | (24.88 - 31.25) |
| Washington | 28.66 | (26.00 - 31.43) | 14.37 | (12.11 - 16.87) | 40.21 | (36.43 - 44.09) | 28.66 | (25.39 - 32.10) |
| West Virginia | 37.49 | (34.74 - 40.30) | 21.36 | (18.50 - 24.44) | 54.04 | (50.31 - 57.75) | 36.71 | (33.37 - 40.14) |
| Wisconsin | 29.42 | (26.93 - 32.00) | 18.35 | (15.82 - 21.10) | 49.04 | (45.22 - 52.87) | 27.57 | (24.51 - 30.80) |
| Wyoming | 35.11 | (32.39 - 37.90) | 21.10 | (18.00 - 24.47) | 53.75 | (49.68 - 57.78) | 33.59 | (30.20 - 37.11) |

NOTE: Use of any Tobacco product indicates using at least once cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.
 NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.11 Percentages Reporting Past Month Use of Cigarettes, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 24.94 | | 13.27 | | 38.60 | | 24.22 | |
| Alabama | 24.95 | (22.29 - 27.76) | 13.62 | (11.35 - 16.15) | 35.88 | (32.10 - 39.79) | 24.56 | (21.30 - 28.05) |
| Alaska | 24.12 | (21.91 - 26.43) | 15.32 | (12.79 - 18.13) | 42.43 | (38.57 - 46.36) | 21.85 | (19.07 - 24.84) |
| Arizona | 23.07 | (20.62 - 25.66) | 12.02 | (9.83 - 14.49) | 36.82 | (33.17 - 40.58) | 22.26 | (19.25 - 25.51) |
| Arkansas | 27.99 | (25.45 - 30.64) | 14.64 | (12.30 - 17.23) | 39.16 | (35.56 - 42.85) | 27.89 | (24.74 - 31.21) |
| California | 21.30 | (19.90 - 22.74) | 8.71 | (7.71 - 9.80) | 29.90 | (28.00 - 31.86) | 21.49 | (19.72 - 23.35) |
| Colorado | 24.20 | (21.94 - 26.57) | 15.50 | (13.03 - 18.23) | 45.46 | (41.60 - 49.35) | 21.66 | (18.87 - 24.66) |
| Connecticut | 25.10 | (22.61 - 27.73) | 17.24 | (14.56 - 20.19) | 43.99 | (40.04 - 48.01) | 23.44 | (20.45 - 26.65) |
| Delaware | 25.49 | (23.03 - 28.08) | 15.36 | (12.87 - 18.13) | 42.48 | (38.73 - 46.30) | 24.06 | (21.09 - 27.24) |
| District of Columbia | 25.23 | (22.58 - 28.03) | 9.21 | (7.17 - 11.61) | 34.40 | (30.88 - 38.05) | 25.48 | (22.24 - 28.94) |
| Florida | 24.44 | (22.91 - 26.03) | 11.21 | (9.89 - 12.63) | 36.18 | (34.14 - 38.26) | 24.41 | (22.53 - 26.36) |
| Georgia | 24.74 | (22.19 - 27.43) | 12.06 | (10.10 - 14.25) | 36.53 | (32.97 - 40.21) | 24.43 | (21.24 - 27.85) |
| Hawaii | 20.74 | (18.34 - 23.31) | 11.51 | (9.21 - 14.14) | 39.16 | (34.98 - 43.45) | 19.01 | (16.15 - 22.14) |
| Idaho | 23.01 | (20.68 - 25.48) | 10.97 | (8.82 - 13.43) | 36.21 | (32.63 - 39.92) | 22.20 | (19.26 - 25.37) |
| Illinois | 26.70 | (25.25 - 28.19) | 14.09 | (12.80 - 15.45) | 43.47 | (41.37 - 45.59) | 25.51 | (23.67 - 27.41) |
| Indiana | 27.36 | (24.77 - 30.07) | 14.96 | (12.65 - 17.51) | 40.02 | (36.37 - 43.76) | 26.83 | (23.63 - 30.22) |
| Iowa | 24.83 | (22.48 - 27.30) | 14.56 | (12.12 - 17.27) | 43.15 | (39.43 - 46.92) | 23.03 | (20.13 - 26.12) |
| Kansas | 24.88 | (22.34 - 27.55) | 12.98 | (10.56 - 15.72) | 38.91 | (35.08 - 42.85) | 24.06 | (20.91 - 27.43) |
| Kentucky | 32.49 | (29.65 - 35.42) | 22.23 | (19.27 - 25.42) | 46.88 | (43.21 - 50.57) | 31.33 | (27.83 - 34.99) |
| Louisiana | 29.68 | (27.00 - 32.46) | 14.17 | (11.79 - 16.82) | 40.12 | (36.54 - 43.78) | 29.98 | (26.52 - 33.62) |
| Maine | 26.21 | (23.86 - 28.66) | 14.11 | (11.71 - 16.80) | 45.24 | (41.17 - 49.36) | 24.93 | (22.11 - 27.91) |
| Maryland | 24.40 | (21.91 - 27.02) | 13.59 | (11.33 - 16.10) | 38.23 | (34.84 - 41.71) | 23.70 | (20.70 - 26.92) |
| Massachusetts | 23.01 | (20.74 - 25.40) | 13.96 | (11.63 - 16.55) | 41.31 | (37.53 - 45.18) | 21.40 | (18.69 - 24.31) |
| Michigan | 27.06 | (25.71 - 28.44) | 15.12 | (13.77 - 16.55) | 43.60 | (41.60 - 45.62) | 25.93 | (24.26 - 27.66) |
| Minnesota | 24.66 | (22.30 - 27.14) | 17.36 | (14.71 - 20.28) | 44.50 | (40.74 - 48.31) | 22.19 | (19.28 - 25.32) |
| Mississippi | 26.52 | (23.81 - 29.37) | 12.53 | (10.26 - 15.10) | 35.53 | (31.96 - 39.23) | 26.91 | (23.51 - 30.52) |
| Missouri | 27.65 | (25.04 - 30.37) | 14.20 | (11.88 - 16.79) | 43.14 | (39.32 - 47.02) | 26.87 | (23.63 - 30.32) |
| Montana | 22.95 | (20.61 - 25.41) | 15.30 | (12.79 - 18.09) | 42.26 | (38.65 - 45.94) | 20.70 | (17.85 - 23.77) |

See notes at end of table.

(continued)

Table B.11 Percentages Reporting Past Month Use of Cigarettes, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 24.44 | (22.17 - 26.81) | 15.70 | (13.17 - 18.50) | 44.16 | (40.42 - 47.95) | 22.09 | (19.30 - 25.08) |
| Nevada | 28.64 | (26.00 - 31.40) | 14.50 | (11.91 - 17.42) | 41.55 | (37.38 - 45.82) | 28.48 | (25.27 - 31.86) |
| New Hampshire | 25.80 | (23.36 - 28.36) | 16.41 | (13.79 - 19.30) | 43.67 | (39.55 - 47.87) | 24.40 | (21.47 - 27.51) |
| New Jersey | 23.13 | (20.79 - 25.59) | 12.67 | (10.74 - 14.80) | 39.08 | (35.34 - 42.91) | 22.10 | (19.30 - 25.11) |
| New Mexico | 25.69 | (23.26 - 28.24) | 18.59 | (15.65 - 21.82) | 39.04 | (35.27 - 42.91) | 24.28 | (21.24 - 27.52) |
| New York | 23.18 | (21.80 - 24.60) | 12.36 | (11.11 - 13.70) | 38.25 | (36.22 - 40.30) | 22.18 | (20.47 - 23.96) |
| North Carolina | 27.61 | (25.11 - 30.23) | 14.75 | (12.42 - 17.34) | 41.50 | (37.85 - 45.22) | 27.14 | (24.07 - 30.38) |
| North Dakota | 25.54 | (23.26 - 27.92) | 19.90 | (16.90 - 23.17) | 46.34 | (42.29 - 50.41) | 22.37 | (19.60 - 25.34) |
| Ohio | 29.15 | (27.75 - 30.58) | 15.24 | (13.83 - 16.73) | 43.79 | (41.81 - 45.79) | 28.55 | (26.78 - 30.37) |
| Oklahoma | 26.86 | (24.30 - 29.55) | 15.17 | (12.58 - 18.05) | 40.18 | (36.41 - 44.04) | 26.17 | (23.01 - 29.52) |
| Oregon | 23.21 | (20.76 - 25.81) | 11.83 | (9.60 - 14.37) | 39.28 | (35.58 - 43.08) | 22.05 | (19.06 - 25.29) |
| Pennsylvania | 26.26 | (24.95 - 27.61) | 14.80 | (13.50 - 16.17) | 42.79 | (40.77 - 44.83) | 25.24 | (23.62 - 26.92) |
| Rhode Island | 26.98 | (24.54 - 29.53) | 14.40 | (11.91 - 17.18) | 42.66 | (38.85 - 46.54) | 26.31 | (23.36 - 29.43) |
| South Carolina | 26.21 | (23.62 - 28.92) | 13.72 | (11.45 - 16.25) | 37.03 | (33.44 - 40.73) | 26.06 | (22.90 - 29.41) |
| South Dakota | 26.42 | (24.05 - 28.89) | 17.77 | (15.02 - 20.80) | 44.63 | (40.84 - 48.47) | 24.26 | (21.30 - 27.41) |
| Tennessee | 28.38 | (25.74 - 31.13) | 16.94 | (14.37 - 19.76) | 41.90 | (38.06 - 45.81) | 27.62 | (24.39 - 31.02) |
| Texas | 23.65 | (22.24 - 25.11) | 12.08 | (10.80 - 13.45) | 34.52 | (32.60 - 36.47) | 23.29 | (21.46 - 25.20) |
| Utah | 16.75 | (14.37 - 19.34) | 7.93 | (5.74 - 10.63) | 25.33 | (21.83 - 29.10) | 16.06 | (12.95 - 19.59) |
| Vermont | 24.62 | (22.39 - 26.94) | 16.00 | (13.57 - 18.67) | 44.22 | (40.75 - 47.74) | 22.66 | (19.97 - 25.53) |
| Virginia | 24.95 | (22.53 - 27.50) | 11.71 | (9.82 - 13.82) | 39.12 | (35.37 - 42.97) | 24.37 | (21.43 - 27.50) |
| Washington | 23.43 | (20.93 - 26.08) | 13.01 | (10.83 - 15.44) | 35.65 | (31.97 - 39.45) | 22.79 | (19.71 - 26.09) |
| West Virginia | 29.43 | (26.87 - 32.10) | 18.27 | (15.56 - 21.23) | 45.13 | (41.38 - 48.91) | 28.21 | (25.12 - 31.47) |
| Wisconsin | 24.22 | (21.84 - 26.73) | 15.85 | (13.50 - 18.44) | 43.82 | (40.10 - 47.58) | 22.00 | (19.06 - 25.16) |
| Wyoming | 27.23 | (24.85 - 29.72) | 16.79 | (14.07 - 19.79) | 44.97 | (41.05 - 48.93) | 25.35 | (22.41 - 28.45) |

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.12 Percentages Reporting Perceptions of *Great Risk of Smoking One or More Packs of Cigarettes Per Day*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 70.10 | | 63.77 | | 64.69 | | 71.88 | |
| Alabama | 68.98 | (66.18 - 71.69) | 61.41 | (57.86 - 64.87) | 63.45 | (59.79 - 67.01) | 70.90 | (67.42 - 74.22) |
| Alaska | 69.28 | (66.75 - 71.73) | 62.23 | (58.68 - 65.69) | 64.89 | (61.15 - 68.49) | 71.52 | (68.23 - 74.64) |
| Arizona | 71.45 | (68.71 - 74.07) | 64.87 | (61.40 - 68.24) | 66.62 | (63.13 - 69.98) | 73.29 | (69.83 - 76.55) |
| Arkansas | 66.30 | (63.51 - 69.02) | 61.95 | (58.64 - 65.18) | 61.32 | (57.62 - 64.94) | 67.75 | (64.34 - 71.02) |
| California | 75.05 | (73.60 - 76.46) | 66.88 | (65.21 - 68.53) | 72.32 | (70.46 - 74.13) | 76.70 | (74.84 - 78.49) |
| Colorado | 68.55 | (65.79 - 71.22) | 63.48 | (59.84 - 67.02) | 59.58 | (55.65 - 63.41) | 70.85 | (67.41 - 74.12) |
| Connecticut | 69.89 | (67.21 - 72.48) | 62.63 | (58.98 - 66.18) | 62.50 | (58.74 - 66.16) | 71.83 | (68.61 - 74.90) |
| Delaware | 70.22 | (67.53 - 72.81) | 62.09 | (58.57 - 65.52) | 65.27 | (61.74 - 68.68) | 72.05 | (68.77 - 75.16) |
| District of Columbia | 72.06 | (69.04 - 74.94) | 64.96 | (61.13 - 68.65) | 73.95 | (70.37 - 77.31) | 72.53 | (68.83 - 76.01) |
| Florida | 71.48 | (69.84 - 73.08) | 68.21 | (66.24 - 70.14) | 67.64 | (65.62 - 69.62) | 72.40 | (70.39 - 74.34) |
| Georgia | 70.51 | (67.79 - 73.13) | 64.53 | (61.27 - 67.70) | 65.63 | (62.14 - 69.01) | 72.23 | (68.83 - 75.44) |
| Hawaii | 68.69 | (65.55 - 71.71) | 64.03 | (60.32 - 67.61) | 65.90 | (61.87 - 69.77) | 69.70 | (65.88 - 73.32) |
| Idaho | 68.99 | (66.31 - 71.58) | 68.33 | (64.79 - 71.73) | 64.87 | (61.22 - 68.40) | 69.96 | (66.55 - 73.22) |
| Illinois | 68.21 | (66.69 - 69.71) | 63.17 | (61.24 - 65.07) | 62.33 | (60.24 - 64.39) | 69.91 | (67.98 - 71.80) |
| Indiana | 67.90 | (65.12 - 70.59) | 62.65 | (59.30 - 65.91) | 61.97 | (58.20 - 65.64) | 69.66 | (66.21 - 72.96) |
| Iowa | 67.53 | (64.87 - 70.11) | 63.31 | (59.96 - 66.56) | 59.62 | (55.89 - 63.28) | 69.52 | (66.25 - 72.65) |
| Kansas | 67.74 | (64.94 - 70.45) | 60.24 | (56.45 - 63.94) | 60.78 | (56.91 - 64.55) | 70.12 | (66.66 - 73.43) |
| Kentucky | 64.80 | (61.96 - 67.57) | 59.97 | (56.37 - 63.49) | 57.39 | (53.87 - 60.86) | 66.72 | (63.21 - 70.09) |
| Louisiana | 64.87 | (61.89 - 67.76) | 60.92 | (57.42 - 64.34) | 61.91 | (58.23 - 65.50) | 66.08 | (62.27 - 69.74) |
| Maine | 69.19 | (66.50 - 71.80) | 63.96 | (60.49 - 67.33) | 63.66 | (59.86 - 67.33) | 70.68 | (67.45 - 73.77) |
| Maryland | 68.58 | (65.56 - 71.48) | 62.49 | (58.98 - 65.91) | 63.38 | (59.94 - 66.72) | 70.15 | (66.43 - 73.67) |
| Massachusetts | 72.28 | (69.72 - 74.73) | 65.21 | (61.71 - 68.59) | 66.80 | (63.26 - 70.21) | 73.96 | (70.88 - 76.88) |
| Michigan | 67.92 | (66.47 - 69.34) | 63.11 | (61.27 - 64.93) | 61.05 | (59.07 - 63.00) | 69.76 | (67.92 - 71.55) |
| Minnesota | 67.59 | (64.89 - 70.21) | 62.19 | (58.53 - 65.75) | 61.92 | (58.29 - 65.45) | 69.41 | (66.04 - 72.63) |
| Mississippi | 68.65 | (65.86 - 71.34) | 63.77 | (60.10 - 67.32) | 66.68 | (63.19 - 70.04) | 69.77 | (66.22 - 73.15) |
| Missouri | 68.32 | (65.50 - 71.04) | 63.19 | (59.65 - 66.62) | 61.12 | (57.47 - 64.68) | 70.27 | (66.78 - 73.59) |
| Montana | 70.74 | (68.00 - 73.37) | 67.30 | (63.52 - 70.92) | 63.21 | (59.67 - 66.66) | 72.55 | (69.15 - 75.76) |

See notes at end of table.

(continued)

Table B.12 Percentages Reporting *Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 66.30 | (63.60 - 68.93) | 59.47 | (55.85 - 63.01) | 57.87 | (54.07 - 61.61) | 68.89 | (65.51 - 72.12) |
| Nevada | 68.83 | (66.01 - 71.54) | 63.49 | (59.61 - 67.25) | 66.03 | (61.91 - 69.97) | 69.96 | (66.57 - 73.19) |
| New Hampshire | 69.01 | (66.31 - 71.62) | 62.32 | (58.83 - 65.72) | 62.92 | (59.16 - 66.58) | 70.84 | (67.56 - 73.97) |
| New Jersey | 74.73 | (72.24 - 77.11) | 63.41 | (60.37 - 66.38) | 66.47 | (62.69 - 70.10) | 77.32 | (74.27 - 80.16) |
| New Mexico | 70.09 | (67.43 - 72.64) | 63.59 | (59.82 - 67.23) | 62.95 | (59.01 - 66.76) | 72.48 | (69.17 - 75.61) |
| New York | 72.99 | (71.50 - 74.44) | 62.81 | (60.91 - 64.68) | 66.87 | (64.94 - 68.76) | 75.23 | (73.37 - 77.02) |
| North Carolina | 66.19 | (63.31 - 69.00) | 59.57 | (56.13 - 62.95) | 60.23 | (56.45 - 63.92) | 68.02 | (64.48 - 71.41) |
| North Dakota | 68.24 | (65.59 - 70.80) | 62.66 | (59.10 - 66.12) | 61.00 | (57.28 - 64.63) | 70.48 | (67.17 - 73.64) |
| Ohio | 66.04 | (64.58 - 67.48) | 61.31 | (59.38 - 63.22) | 59.06 | (57.08 - 61.03) | 67.86 | (66.01 - 69.68) |
| Oklahoma | 66.26 | (63.29 - 69.15) | 60.81 | (56.93 - 64.59) | 59.95 | (56.05 - 63.75) | 68.21 | (64.53 - 71.73) |
| Oregon | 71.27 | (68.34 - 74.07) | 68.35 | (64.74 - 71.80) | 64.74 | (61.22 - 68.15) | 72.70 | (69.12 - 76.08) |
| Pennsylvania | 68.04 | (66.54 - 69.51) | 61.91 | (59.98 - 63.81) | 60.53 | (58.61 - 62.42) | 69.93 | (68.08 - 71.73) |
| Rhode Island | 70.51 | (67.80 - 73.11) | 63.05 | (59.30 - 66.68) | 66.12 | (62.42 - 69.68) | 72.12 | (68.85 - 75.23) |
| South Carolina | 68.90 | (66.13 - 71.58) | 64.37 | (60.74 - 67.88) | 64.52 | (60.91 - 68.00) | 70.22 | (66.75 - 73.53) |
| South Dakota | 64.77 | (62.04 - 67.43) | 59.72 | (56.11 - 63.25) | 59.65 | (55.76 - 63.45) | 66.56 | (63.12 - 69.88) |
| Tennessee | 67.63 | (64.72 - 70.43) | 61.32 | (57.45 - 65.10) | 61.14 | (57.25 - 64.93) | 69.50 | (65.94 - 72.90) |
| Texas | 71.25 | (69.73 - 72.74) | 63.15 | (61.24 - 65.02) | 65.52 | (63.61 - 67.39) | 73.66 | (71.68 - 75.58) |
| Utah | 76.27 | (73.72 - 78.69) | 73.28 | (69.60 - 76.73) | 75.78 | (72.41 - 78.93) | 77.03 | (73.55 - 80.26) |
| Vermont | 70.39 | (67.91 - 72.78) | 62.02 | (58.69 - 65.26) | 63.96 | (60.54 - 67.29) | 72.55 | (69.48 - 75.46) |
| Virginia | 69.58 | (66.91 - 72.15) | 64.26 | (61.00 - 67.42) | 64.24 | (60.32 - 68.02) | 71.11 | (67.86 - 74.21) |
| Washington | 71.73 | (68.92 - 74.42) | 68.59 | (65.36 - 71.69) | 68.75 | (65.05 - 72.27) | 72.67 | (69.19 - 75.96) |
| West Virginia | 66.95 | (64.26 - 69.57) | 61.10 | (57.52 - 64.59) | 58.16 | (54.46 - 61.80) | 69.04 | (65.78 - 72.17) |
| Wisconsin | 67.99 | (65.27 - 70.63) | 61.64 | (58.30 - 64.90) | 61.56 | (58.02 - 65.02) | 70.03 | (66.64 - 73.26) |
| Wyoming | 65.63 | (62.87 - 68.32) | 60.15 | (56.37 - 63.84) | 58.44 | (54.61 - 62.20) | 67.91 | (64.45 - 71.22) |

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.13 Percentages Reporting Past Year *Alcohol Dependence or Abuse*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 5.74 | | 5.20 | | 13.80 | | 4.45 | |
| Alabama | 5.14 | (4.17 - 6.26) | 5.24 | (3.98 - 6.75) | 11.62 | (9.39 - 14.17) | 4.02 | (2.96 - 5.34) |
| Alaska | 7.00 | (5.87 - 8.27) | 6.42 | (4.94 - 8.19) | 16.24 | (13.47 - 19.32) | 5.15 | (3.87 - 6.69) |
| Arizona | 5.94 | (4.87 - 7.15) | 5.69 | (4.38 - 7.25) | 12.87 | (10.55 - 15.48) | 4.73 | (3.53 - 6.20) |
| Arkansas | 5.28 | (4.37 - 6.30) | 5.96 | (4.60 - 7.58) | 12.82 | (10.50 - 15.43) | 3.89 | (2.91 - 5.08) |
| California | 5.98 | (5.35 - 6.66) | 4.96 | (4.28 - 5.72) | 12.31 | (11.08 - 13.64) | 4.96 | (4.20 - 5.81) |
| Colorado | 6.75 | (5.63 - 8.02) | 6.49 | (5.03 - 8.23) | 17.70 | (14.81 - 20.90) | 4.86 | (3.63 - 6.35) |
| Connecticut | 6.50 | (5.35 - 7.81) | 6.43 | (5.01 - 8.11) | 16.25 | (13.51 - 19.30) | 5.14 | (3.88 - 6.67) |
| Delaware | 6.04 | (4.95 - 7.30) | 4.78 | (3.62 - 6.19) | 13.59 | (11.25 - 16.21) | 5.00 | (3.77 - 6.48) |
| District of Columbia | 7.55 | (6.00 - 9.35) | 4.07 | (2.87 - 5.58) | 15.64 | (12.88 - 18.73) | 6.61 | (4.83 - 8.80) |
| Florida | 5.47 | (4.78 - 6.23) | 3.95 | (3.22 - 4.79) | 12.39 | (11.00 - 13.88) | 4.71 | (3.89 - 5.63) |
| Georgia | 4.84 | (3.92 - 5.90) | 3.59 | (2.65 - 4.73) | 11.37 | (9.25 - 13.78) | 3.85 | (2.80 - 5.16) |
| Hawaii | 5.82 | (4.71 - 7.10) | 6.89 | (5.17 - 8.95) | 16.08 | (13.03 - 19.53) | 4.10 | (2.91 - 5.60) |
| Idaho | 5.67 | (4.71 - 6.75) | 5.54 | (4.23 - 7.11) | 14.39 | (12.00 - 17.06) | 3.85 | (2.84 - 5.11) |
| Illinois | 6.48 | (5.79 - 7.23) | 4.72 | (3.99 - 5.53) | 15.15 | (13.74 - 16.65) | 5.22 | (4.38 - 6.16) |
| Indiana | 4.96 | (4.06 - 6.00) | 5.23 | (4.03 - 6.66) | 12.16 | (9.95 - 14.65) | 3.66 | (2.69 - 4.87) |
| Iowa | 6.56 | (5.55 - 7.69) | 6.80 | (5.27 - 8.62) | 17.46 | (14.77 - 20.42) | 4.60 | (3.50 - 5.92) |
| Kansas | 5.75 | (4.74 - 6.90) | 5.52 | (4.16 - 7.16) | 13.98 | (11.49 - 16.79) | 4.27 | (3.16 - 5.63) |
| Kentucky | 5.15 | (4.28 - 6.13) | 5.78 | (4.41 - 7.41) | 12.66 | (10.51 - 15.08) | 3.76 | (2.83 - 4.91) |
| Louisiana | 6.52 | (5.40 - 7.78) | 6.17 | (4.71 - 7.93) | 14.52 | (12.09 - 17.24) | 4.96 | (3.70 - 6.49) |
| Maine | 5.13 | (4.26 - 6.12) | 7.03 | (5.48 - 8.86) | 14.74 | (12.08 - 17.73) | 3.47 | (2.58 - 4.56) |
| Maryland | 5.76 | (4.73 - 6.94) | 5.27 | (3.99 - 6.81) | 15.10 | (12.65 - 17.82) | 4.41 | (3.26 - 5.83) |
| Massachusetts | 7.53 | (6.25 - 8.97) | 6.97 | (5.46 - 8.74) | 19.48 | (16.41 - 22.86) | 5.82 | (4.41 - 7.53) |
| Michigan | 5.96 | (5.35 - 6.61) | 5.63 | (4.84 - 6.51) | 14.97 | (13.55 - 16.49) | 4.48 | (3.76 - 5.29) |
| Minnesota | 6.18 | (5.22 - 7.26) | 6.37 | (4.95 - 8.06) | 16.83 | (14.17 - 19.76) | 4.24 | (3.18 - 5.54) |
| Mississippi | 5.73 | (4.64 - 6.99) | 4.93 | (3.70 - 6.41) | 11.60 | (9.43 - 14.06) | 4.72 | (3.45 - 6.28) |
| Missouri | 5.50 | (4.54 - 6.60) | 5.63 | (4.32 - 7.20) | 14.53 | (12.06 - 17.29) | 3.94 | (2.92 - 5.19) |
| Montana | 7.69 | (6.51 - 9.01) | 9.71 | (7.61 - 12.17) | 20.57 | (17.64 - 23.75) | 5.16 | (3.87 - 6.72) |

See notes at end of table.

(continued)

Table B.13 Percentages Reporting Past Year *Alcohol Dependence or Abuse*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 7.39 | (6.23 - 8.69) | 7.06 | (5.49 - 8.91) | 18.65 | (15.90 - 21.66) | 5.35 | (4.07 - 6.90) |
| Nevada | 6.12 | (5.04 - 7.34) | 6.14 | (4.64 - 7.95) | 15.14 | (12.26 - 18.40) | 4.71 | (3.54 - 6.12) |
| New Hampshire | 5.99 | (4.98 - 7.14) | 6.60 | (5.11 - 8.37) | 16.54 | (13.69 - 19.72) | 4.32 | (3.23 - 5.64) |
| New Jersey | 5.44 | (4.39 - 6.66) | 4.48 | (3.45 - 5.71) | 12.46 | (10.14 - 15.09) | 4.55 | (3.34 - 6.03) |
| New Mexico | 7.12 | (5.91 - 8.50) | 8.22 | (6.41 - 10.35) | 15.95 | (13.18 - 19.03) | 5.27 | (3.91 - 6.93) |
| New York | 5.21 | (4.65 - 5.83) | 4.18 | (3.49 - 4.95) | 14.87 | (13.37 - 16.47) | 3.83 | (3.18 - 4.56) |
| North Carolina | 4.16 | (3.27 - 5.22) | 3.62 | (2.63 - 4.85) | 10.51 | (8.33 - 13.05) | 3.23 | (2.26 - 4.47) |
| North Dakota | 8.51 | (7.21 - 9.95) | 9.15 | (7.14 - 11.50) | 24.15 | (20.74 - 27.82) | 5.39 | (3.96 - 7.14) |
| Ohio | 5.12 | (4.57 - 5.72) | 4.57 | (3.85 - 5.39) | 13.74 | (12.43 - 15.14) | 3.74 | (3.09 - 4.47) |
| Oklahoma | 5.94 | (4.83 - 7.22) | 5.10 | (3.77 - 6.74) | 13.47 | (11.08 - 16.16) | 4.70 | (3.46 - 6.22) |
| Oregon | 5.85 | (4.75 - 7.11) | 5.45 | (4.13 - 7.03) | 13.59 | (11.25 - 16.21) | 4.64 | (3.41 - 6.15) |
| Pennsylvania | 5.67 | (5.07 - 6.32) | 5.18 | (4.44 - 6.00) | 14.32 | (12.96 - 15.75) | 4.45 | (3.74 - 5.25) |
| Rhode Island | 6.91 | (5.71 - 8.28) | 5.79 | (4.43 - 7.43) | 17.98 | (15.00 - 21.28) | 5.43 | (4.09 - 7.05) |
| South Carolina | 4.72 | (3.83 - 5.73) | 4.28 | (3.18 - 5.62) | 11.24 | (9.20 - 13.55) | 3.70 | (2.72 - 4.90) |
| South Dakota | 7.04 | (5.94 - 8.26) | 7.00 | (5.44 - 8.83) | 17.52 | (14.71 - 20.62) | 5.01 | (3.79 - 6.48) |
| Tennessee | 5.21 | (4.25 - 6.30) | 5.51 | (4.16 - 7.15) | 12.52 | (10.20 - 15.14) | 3.96 | (2.92 - 5.24) |
| Texas | 5.90 | (5.26 - 6.58) | 5.15 | (4.38 - 6.02) | 12.79 | (11.53 - 14.14) | 4.64 | (3.85 - 5.52) |
| Utah | 5.01 | (4.12 - 6.03) | 4.21 | (3.02 - 5.71) | 11.09 | (8.98 - 13.49) | 3.40 | (2.43 - 4.61) |
| Vermont | 6.37 | (5.33 - 7.53) | 6.15 | (4.74 - 7.83) | 16.16 | (13.66 - 18.92) | 4.84 | (3.67 - 6.24) |
| Virginia | 4.84 | (3.94 - 5.87) | 3.83 | (2.84 - 5.04) | 13.61 | (11.16 - 16.36) | 3.56 | (2.61 - 4.74) |
| Washington | 6.52 | (5.42 - 7.76) | 7.35 | (5.76 - 9.20) | 14.67 | (12.09 - 17.57) | 5.03 | (3.78 - 6.54) |
| West Virginia | 5.24 | (4.32 - 6.29) | 6.68 | (5.16 - 8.47) | 12.70 | (10.41 - 15.29) | 3.88 | (2.91 - 5.05) |
| Wisconsin | 6.41 | (5.40 - 7.53) | 6.51 | (5.16 - 8.09) | 16.20 | (13.57 - 19.12) | 4.68 | (3.57 - 6.00) |
| Wyoming | 6.48 | (5.48 - 7.60) | 7.67 | (5.92 - 9.74) | 17.74 | (14.94 - 20.82) | 4.07 | (2.99 - 5.41) |

NOTE: Dependence and Abuse are based on definitions found in the 4th ed. of the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV).

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.14 Percentages Reporting Past Year *Alcohol Dependence*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 2.37 | | 1.89 | | 5.16 | | 1.96 | |
| Alabama | 2.39 | (1.83 - 3.06) | 2.15 | (1.46 - 3.05) | 4.81 | (3.45 - 6.50) | 2.00 | (1.35 - 2.86) |
| Alaska | 2.69 | (2.10 - 3.38) | 2.86 | (1.93 - 4.07) | 5.18 | (3.83 - 6.82) | 2.13 | (1.43 - 3.04) |
| Arizona | 2.55 | (1.98 - 3.23) | 2.47 | (1.65 - 3.55) | 4.78 | (3.51 - 6.36) | 2.16 | (1.47 - 3.05) |
| Arkansas | 2.33 | (1.83 - 2.91) | 2.18 | (1.49 - 3.08) | 5.54 | (4.10 - 7.30) | 1.79 | (1.23 - 2.53) |
| California | 2.63 | (2.22 - 3.08) | 1.75 | (1.38 - 2.19) | 4.90 | (4.10 - 5.81) | 2.33 | (1.83 - 2.93) |
| Colorado | 2.54 | (1.99 - 3.21) | 2.01 | (1.35 - 2.88) | 5.87 | (4.41 - 7.63) | 2.03 | (1.40 - 2.85) |
| Connecticut | 2.37 | (1.82 - 3.03) | 2.17 | (1.48 - 3.08) | 5.59 | (4.10 - 7.41) | 1.95 | (1.31 - 2.78) |
| Delaware | 2.42 | (1.88 - 3.07) | 1.92 | (1.28 - 2.76) | 4.82 | (3.59 - 6.32) | 2.10 | (1.46 - 2.93) |
| District of Columbia | 3.43 | (2.50 - 4.60) | 1.33 | (0.77 - 2.14) | 4.92 | (3.50 - 6.70) | 3.42 | (2.29 - 4.90) |
| Florida | 2.25 | (1.85 - 2.71) | 1.43 | (1.05 - 1.90) | 4.56 | (3.73 - 5.51) | 2.03 | (1.54 - 2.62) |
| Georgia | 2.34 | (1.78 - 3.01) | 1.35 | (0.88 - 1.98) | 4.41 | (3.23 - 5.87) | 2.11 | (1.43 - 3.00) |
| Hawaii | 2.17 | (1.61 - 2.86) | 2.10 | (1.31 - 3.18) | 5.57 | (3.98 - 7.55) | 1.65 | (1.03 - 2.52) |
| Idaho | 2.55 | (2.04 - 3.15) | 2.09 | (1.39 - 3.02) | 5.94 | (4.43 - 7.78) | 1.91 | (1.34 - 2.65) |
| Illinois | 2.60 | (2.21 - 3.04) | 1.59 | (1.21 - 2.06) | 6.23 | (5.28 - 7.29) | 2.12 | (1.64 - 2.68) |
| Indiana | 2.15 | (1.66 - 2.74) | 1.66 | (1.10 - 2.41) | 4.75 | (3.52 - 6.25) | 1.77 | (1.19 - 2.52) |
| Iowa | 2.40 | (1.92 - 2.95) | 2.71 | (1.87 - 3.78) | 6.45 | (4.94 - 8.27) | 1.64 | (1.11 - 2.33) |
| Kansas | 2.15 | (1.63 - 2.77) | 1.65 | (1.05 - 2.47) | 4.72 | (3.50 - 6.23) | 1.75 | (1.16 - 2.54) |
| Kentucky | 2.20 | (1.69 - 2.82) | 2.28 | (1.52 - 3.30) | 4.35 | (3.14 - 5.87) | 1.81 | (1.21 - 2.62) |
| Louisiana | 2.85 | (2.19 - 3.64) | 2.76 | (1.82 - 4.00) | 5.83 | (4.38 - 7.58) | 2.27 | (1.49 - 3.30) |
| Maine | 2.22 | (1.74 - 2.80) | 3.58 | (2.47 - 4.99) | 5.38 | (3.92 - 7.17) | 1.58 | (1.03 - 2.32) |
| Maryland | 2.14 | (1.65 - 2.73) | 2.01 | (1.32 - 2.94) | 5.40 | (4.05 - 7.04) | 1.67 | (1.09 - 2.45) |
| Massachusetts | 2.49 | (1.94 - 3.15) | 2.26 | (1.53 - 3.22) | 5.22 | (3.85 - 6.90) | 2.12 | (1.49 - 2.92) |
| Michigan | 2.37 | (2.01 - 2.76) | 1.91 | (1.48 - 2.43) | 5.24 | (4.41 - 6.18) | 1.94 | (1.52 - 2.44) |
| Minnesota | 2.49 | (2.01 - 3.05) | 2.21 | (1.48 - 3.18) | 6.95 | (5.28 - 8.95) | 1.74 | (1.21 - 2.42) |
| Mississippi | 2.81 | (2.15 - 3.60) | 1.93 | (1.26 - 2.84) | 4.84 | (3.53 - 6.45) | 2.55 | (1.75 - 3.59) |
| Missouri | 2.20 | (1.73 - 2.75) | 1.92 | (1.29 - 2.75) | 5.48 | (4.14 - 7.10) | 1.68 | (1.13 - 2.39) |
| Montana | 2.57 | (2.07 - 3.16) | 2.62 | (1.75 - 3.78) | 7.94 | (6.23 - 9.95) | 1.63 | (1.08 - 2.37) |

See notes at end of table.

(continued)

Table B.14 Percentages Reporting Past Year *Alcohol Dependence*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 2.53 | (2.01 - 3.15) | 2.64 | (1.79 - 3.74) | 5.76 | (4.30 - 7.54) | 1.92 | (1.33 - 2.68) |
| Nevada | 2.33 | (1.81 - 2.96) | 1.86 | (1.20 - 2.74) | 5.87 | (4.26 - 7.86) | 1.85 | (1.25 - 2.63) |
| New Hampshire | 2.28 | (1.80 - 2.85) | 2.05 | (1.41 - 2.88) | 6.16 | (4.59 - 8.05) | 1.73 | (1.18 - 2.45) |
| New Jersey | 2.09 | (1.58 - 2.73) | 1.37 | (0.91 - 1.99) | 3.84 | (2.72 - 5.25) | 1.93 | (1.31 - 2.74) |
| New Mexico | 2.84 | (2.23 - 3.57) | 2.96 | (1.99 - 4.24) | 6.12 | (4.58 - 7.99) | 2.20 | (1.50 - 3.11) |
| New York | 2.24 | (1.89 - 2.63) | 1.77 | (1.36 - 2.27) | 5.44 | (4.58 - 6.41) | 1.80 | (1.38 - 2.29) |
| North Carolina | 2.21 | (1.72 - 2.80) | 1.61 | (1.05 - 2.36) | 5.08 | (3.72 - 6.74) | 1.84 | (1.25 - 2.60) |
| North Dakota | 2.57 | (2.06 - 3.16) | 2.71 | (1.87 - 3.79) | 6.75 | (5.09 - 8.76) | 1.74 | (1.17 - 2.49) |
| Ohio | 2.17 | (1.84 - 2.56) | 1.59 | (1.20 - 2.07) | 5.42 | (4.59 - 6.36) | 1.70 | (1.30 - 2.19) |
| Oklahoma | 2.65 | (2.05 - 3.37) | 1.98 | (1.27 - 2.95) | 5.57 | (4.16 - 7.28) | 2.22 | (1.51 - 3.16) |
| Oregon | 2.59 | (2.00 - 3.30) | 2.22 | (1.50 - 3.16) | 5.49 | (4.19 - 7.05) | 2.17 | (1.47 - 3.07) |
| Pennsylvania | 2.29 | (1.95 - 2.67) | 1.69 | (1.31 - 2.14) | 5.34 | (4.51 - 6.26) | 1.91 | (1.51 - 2.39) |
| Rhode Island | 2.40 | (1.87 - 3.02) | 1.82 | (1.20 - 2.66) | 5.61 | (4.21 - 7.31) | 2.00 | (1.39 - 2.78) |
| South Carolina | 2.28 | (1.71 - 2.97) | 1.47 | (0.92 - 2.22) | 4.37 | (3.18 - 5.84) | 2.04 | (1.37 - 2.92) |
| South Dakota | 2.73 | (2.21 - 3.34) | 3.01 | (2.07 - 4.22) | 7.00 | (5.33 - 9.00) | 1.86 | (1.29 - 2.59) |
| Tennessee | 2.37 | (1.80 - 3.06) | 1.73 | (1.13 - 2.54) | 4.77 | (3.44 - 6.42) | 2.06 | (1.39 - 2.94) |
| Texas | 2.25 | (1.89 - 2.66) | 1.85 | (1.42 - 2.35) | 4.70 | (3.93 - 5.57) | 1.83 | (1.38 - 2.36) |
| Utah | 2.30 | (1.83 - 2.86) | 2.04 | (1.36 - 2.95) | 4.13 | (3.01 - 5.51) | 1.82 | (1.24 - 2.58) |
| Vermont | 2.55 | (2.01 - 3.17) | 2.10 | (1.42 - 3.00) | 6.54 | (5.06 - 8.29) | 1.97 | (1.37 - 2.74) |
| Virginia | 2.12 | (1.67 - 2.67) | 1.57 | (1.05 - 2.25) | 5.14 | (3.80 - 6.76) | 1.71 | (1.18 - 2.41) |
| Washington | 2.45 | (1.92 - 3.07) | 2.90 | (2.03 - 4.02) | 5.18 | (3.82 - 6.84) | 1.92 | (1.31 - 2.72) |
| West Virginia | 2.31 | (1.83 - 2.89) | 3.09 | (2.15 - 4.29) | 5.28 | (3.95 - 6.91) | 1.75 | (1.20 - 2.46) |
| Wisconsin | 2.18 | (1.71 - 2.74) | 2.12 | (1.44 - 3.02) | 4.95 | (3.72 - 6.45) | 1.71 | (1.16 - 2.42) |
| Wyoming | 2.43 | (1.95 - 2.99) | 2.54 | (1.71 - 3.64) | 6.23 | (4.72 - 8.05) | 1.66 | (1.14 - 2.34) |

NOTE: Dependence is based on the definition found in the 4th ed. of the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV).

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.15 Percentages Reporting Past Year Any Illicit Drug Dependence or Abuse, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 2.25 | | 4.62 | | 6.34 | | 1.23 | |
| Alabama | 1.79 | (1.33 - 2.36) | 3.43 | (2.42 - 4.71) | 5.58 | (4.02 - 7.51) | 0.94 | (0.53 - 1.53) |
| Alaska | 2.49 | (1.92 - 3.19) | 4.53 | (3.25 - 6.13) | 6.93 | (5.13 - 9.14) | 1.18 | (0.66 - 1.93) |
| Arizona | 2.58 | (1.93 - 3.37) | 5.52 | (4.13 - 7.21) | 5.79 | (4.28 - 7.65) | 1.57 | (0.92 - 2.50) |
| Arkansas | 2.47 | (1.91 - 3.13) | 5.02 | (3.70 - 6.64) | 7.58 | (5.81 - 9.69) | 1.25 | (0.73 - 1.99) |
| California | 2.94 | (2.51 - 3.42) | 5.46 | (4.68 - 6.32) | 6.90 | (5.91 - 7.99) | 1.86 | (1.38 - 2.45) |
| Colorado | 2.62 | (2.02 - 3.34) | 5.73 | (4.29 - 7.47) | 7.19 | (5.40 - 9.34) | 1.38 | (0.81 - 2.18) |
| Connecticut | 2.74 | (2.04 - 3.58) | 6.53 | (4.98 - 8.39) | 8.00 | (6.03 - 10.35) | 1.53 | (0.87 - 2.50) |
| Delaware | 2.56 | (1.92 - 3.35) | 4.84 | (3.61 - 6.34) | 7.08 | (5.36 - 9.16) | 1.55 | (0.92 - 2.45) |
| District of Columbia | 2.53 | (1.84 - 3.39) | 3.87 | (2.71 - 5.33) | 6.08 | (4.47 - 8.06) | 1.80 | (1.08 - 2.82) |
| Florida | 1.89 | (1.56 - 2.26) | 3.87 | (3.14 - 4.72) | 6.49 | (5.47 - 7.64) | 1.02 | (0.69 - 1.44) |
| Georgia | 1.99 | (1.49 - 2.60) | 3.54 | (2.58 - 4.74) | 5.51 | (4.03 - 7.33) | 1.14 | (0.65 - 1.85) |
| Hawaii | 2.03 | (1.47 - 2.74) | 5.39 | (3.87 - 7.28) | 5.80 | (4.08 - 7.97) | 1.04 | (0.52 - 1.85) |
| Idaho | 2.10 | (1.62 - 2.67) | 4.55 | (3.31 - 6.08) | 5.93 | (4.40 - 7.78) | 0.89 | (0.49 - 1.49) |
| Illinois | 2.36 | (2.02 - 2.75) | 4.05 | (3.35 - 4.85) | 7.18 | (6.14 - 8.34) | 1.30 | (0.94 - 1.75) |
| Indiana | 2.02 | (1.56 - 2.59) | 4.19 | (3.08 - 5.56) | 6.24 | (4.68 - 8.13) | 0.99 | (0.59 - 1.56) |
| Iowa | 1.43 | (1.04 - 1.93) | 3.79 | (2.70 - 5.16) | 4.22 | (2.90 - 5.93) | 0.61 | (0.29 - 1.16) |
| Kansas | 1.98 | (1.49 - 2.59) | 4.23 | (3.04 - 5.74) | 5.03 | (3.66 - 6.72) | 1.09 | (0.62 - 1.77) |
| Kentucky | 2.34 | (1.81 - 2.97) | 4.85 | (3.61 - 6.37) | 6.71 | (5.10 - 8.63) | 1.25 | (0.75 - 1.97) |
| Louisiana | 2.74 | (2.11 - 3.50) | 4.88 | (3.59 - 6.47) | 7.77 | (5.90 - 10.00) | 1.39 | (0.80 - 2.25) |
| Maine | 2.44 | (1.90 - 3.09) | 6.34 | (4.74 - 8.27) | 7.78 | (5.85 - 10.11) | 1.16 | (0.66 - 1.88) |
| Maryland | 2.40 | (1.82 - 3.09) | 5.39 | (4.04 - 7.03) | 7.07 | (5.37 - 9.11) | 1.30 | (0.75 - 2.12) |
| Massachusetts | 2.84 | (2.14 - 3.70) | 7.31 | (5.57 - 9.39) | 7.12 | (5.33 - 9.28) | 1.66 | (0.97 - 2.65) |
| Michigan | 2.15 | (1.84 - 2.49) | 5.33 | (4.53 - 6.22) | 6.22 | (5.28 - 7.28) | 1.01 | (0.69 - 1.42) |
| Minnesota | 2.34 | (1.80 - 2.99) | 4.99 | (3.68 - 6.60) | 6.61 | (4.93 - 8.64) | 1.18 | (0.70 - 1.87) |
| Mississippi | 2.30 | (1.75 - 2.95) | 4.18 | (2.99 - 5.68) | 6.34 | (4.77 - 8.25) | 1.23 | (0.73 - 1.95) |
| Missouri | 1.68 | (1.26 - 2.19) | 3.63 | (2.59 - 4.95) | 5.17 | (3.79 - 6.87) | 0.80 | (0.43 - 1.37) |
| Montana | 2.50 | (1.96 - 3.14) | 7.09 | (5.37 - 9.15) | 6.82 | (5.22 - 8.72) | 1.08 | (0.61 - 1.77) |

See notes at end of table.

(continued)

Table B.15 Percentages Reporting Past Year Any Illicit Drug Dependence or Abuse, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 1.79 | (1.36 - 2.31) | 4.18 | (3.04 - 5.60) | 5.04 | (3.64 - 6.79) | 0.83 | (0.47 - 1.37) |
| Nevada | 2.94 | (2.23 - 3.80) | 5.81 | (4.20 - 7.81) | 7.70 | (5.73 - 10.10) | 1.83 | (1.13 - 2.79) |
| New Hampshire | 2.40 | (1.88 - 3.01) | 6.37 | (4.88 - 8.13) | 7.54 | (5.68 - 9.77) | 1.08 | (0.63 - 1.72) |
| New Jersey | 1.75 | (1.30 - 2.31) | 3.59 | (2.62 - 4.78) | 6.42 | (4.73 - 8.48) | 0.85 | (0.45 - 1.46) |
| New Mexico | 2.65 | (2.05 - 3.36) | 6.58 | (4.95 - 8.54) | 5.85 | (4.30 - 7.74) | 1.41 | (0.85 - 2.21) |
| New York | 2.50 | (2.11 - 2.95) | 3.80 | (3.10 - 4.60) | 8.25 | (7.12 - 9.49) | 1.44 | (1.03 - 1.96) |
| North Carolina | 1.99 | (1.47 - 2.63) | 3.60 | (2.58 - 4.87) | 5.93 | (4.32 - 7.92) | 1.15 | (0.67 - 1.85) |
| North Dakota | 1.57 | (1.17 - 2.07) | 4.11 | (2.93 - 5.61) | 4.25 | (2.99 - 5.86) | 0.67 | (0.34 - 1.17) |
| Ohio | 1.91 | (1.62 - 2.24) | 4.10 | (3.42 - 4.86) | 5.59 | (4.72 - 6.56) | 0.99 | (0.69 - 1.37) |
| Oklahoma | 2.25 | (1.73 - 2.88) | 4.50 | (3.26 - 6.04) | 5.91 | (4.43 - 7.71) | 1.26 | (0.75 - 1.97) |
| Oregon | 2.60 | (2.00 - 3.33) | 5.74 | (4.29 - 7.49) | 7.38 | (5.65 - 9.43) | 1.42 | (0.84 - 2.27) |
| Pennsylvania | 1.82 | (1.55 - 2.11) | 3.85 | (3.20 - 4.60) | 5.87 | (5.00 - 6.84) | 0.96 | (0.69 - 1.29) |
| Rhode Island | 2.04 | (1.53 - 2.66) | 4.82 | (3.53 - 6.41) | 6.60 | (4.88 - 8.70) | 1.00 | (0.55 - 1.68) |
| South Carolina | 1.71 | (1.24 - 2.29) | 3.93 | (2.79 - 5.36) | 4.95 | (3.59 - 6.63) | 0.88 | (0.45 - 1.56) |
| South Dakota | 1.65 | (1.21 - 2.19) | 3.99 | (2.83 - 5.46) | 4.72 | (3.30 - 6.53) | 0.68 | (0.33 - 1.25) |
| Tennessee | 2.37 | (1.81 - 3.03) | 5.36 | (3.98 - 7.04) | 6.50 | (4.85 - 8.50) | 1.30 | (0.78 - 2.03) |
| Texas | 2.00 | (1.70 - 2.34) | 4.79 | (4.00 - 5.67) | 5.24 | (4.40 - 6.18) | 0.92 | (0.61 - 1.33) |
| Utah | 2.26 | (1.71 - 2.91) | 4.12 | (2.92 - 5.64) | 4.71 | (3.36 - 6.41) | 1.15 | (0.67 - 1.85) |
| Vermont | 2.67 | (2.06 - 3.41) | 5.07 | (3.76 - 6.67) | 8.37 | (6.55 - 10.49) | 1.44 | (0.84 - 2.30) |
| Virginia | 1.63 | (1.19 - 2.17) | 3.40 | (2.42 - 4.65) | 4.90 | (3.53 - 6.61) | 0.88 | (0.49 - 1.47) |
| Washington | 2.78 | (2.06 - 3.66) | 5.67 | (4.27 - 7.36) | 6.33 | (4.70 - 8.30) | 1.79 | (1.04 - 2.86) |
| West Virginia | 1.95 | (1.47 - 2.54) | 4.85 | (3.58 - 6.41) | 5.04 | (3.60 - 6.83) | 1.12 | (0.66 - 1.78) |
| Wisconsin | 1.98 | (1.51 - 2.55) | 4.20 | (3.07 - 5.59) | 5.77 | (4.27 - 7.59) | 1.00 | (0.57 - 1.62) |
| Wyoming | 1.94 | (1.47 - 2.51) | 3.97 | (2.79 - 5.46) | 6.07 | (4.46 - 8.06) | 0.81 | (0.44 - 1.39) |

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.
 NOTE: Dependence and Abuse are based on definitions found in the 4th ed. of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).
 NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.16 Percentages Reporting Past Year *Any Illicit Drug Dependence*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 1.44 | | 2.41 | | 4.12 | | 0.86 | |
| Alabama | 1.09 | (0.72 - 1.58) | 1.67 | (1.07 - 2.49) | 3.65 | (2.56 - 5.04) | 0.58 | (0.25 - 1.16) |
| Alaska | 1.43 | (1.02 - 1.95) | 2.53 | (1.72 - 3.58) | 3.98 | (2.83 - 5.43) | 0.69 | (0.34 - 1.25) |
| Arizona | 1.61 | (1.10 - 2.26) | 2.67 | (1.85 - 3.73) | 3.99 | (2.86 - 5.41) | 1.02 | (0.53 - 1.80) |
| Arkansas | 1.45 | (1.02 - 2.01) | 2.24 | (1.56 - 3.13) | 4.26 | (3.06 - 5.75) | 0.87 | (0.46 - 1.50) |
| California | 2.07 | (1.65 - 2.56) | 3.01 | (2.42 - 3.69) | 4.62 | (3.82 - 5.53) | 1.47 | (0.98 - 2.10) |
| Colorado | 1.67 | (1.21 - 2.25) | 2.97 | (2.08 - 4.09) | 5.14 | (3.75 - 6.86) | 0.88 | (0.46 - 1.52) |
| Connecticut | 1.93 | (1.34 - 2.70) | 3.26 | (2.26 - 4.53) | 5.45 | (3.92 - 7.37) | 1.27 | (0.68 - 2.17) |
| Delaware | 1.85 | (1.29 - 2.57) | 2.52 | (1.73 - 3.54) | 5.29 | (3.94 - 6.94) | 1.22 | (0.66 - 2.06) |
| District of Columbia | 1.91 | (1.27 - 2.75) | 2.03 | (1.33 - 2.97) | 4.90 | (3.55 - 6.58) | 1.41 | (0.75 - 2.42) |
| Florida | 1.23 | (0.96 - 1.54) | 1.98 | (1.52 - 2.54) | 4.27 | (3.50 - 5.16) | 0.72 | (0.46 - 1.08) |
| Georgia | 1.17 | (0.78 - 1.70) | 1.72 | (1.12 - 2.54) | 3.32 | (2.27 - 4.67) | 0.71 | (0.35 - 1.30) |
| Hawaii | 1.35 | (0.87 - 1.99) | 2.90 | (1.90 - 4.24) | 3.62 | (2.46 - 5.12) | 0.80 | (0.37 - 1.53) |
| Idaho | 1.31 | (0.95 - 1.76) | 2.23 | (1.50 - 3.20) | 4.04 | (2.92 - 5.43) | 0.59 | (0.30 - 1.04) |
| Illinois | 1.52 | (1.24 - 1.84) | 2.32 | (1.85 - 2.87) | 4.55 | (3.79 - 5.40) | 0.88 | (0.60 - 1.26) |
| Indiana | 1.35 | (0.95 - 1.84) | 2.11 | (1.41 - 3.03) | 4.32 | (3.15 - 5.78) | 0.72 | (0.37 - 1.26) |
| Iowa | 0.95 | (0.64 - 1.37) | 2.19 | (1.45 - 3.16) | 2.87 | (1.93 - 4.11) | 0.44 | (0.19 - 0.89) |
| Kansas | 1.24 | (0.85 - 1.75) | 2.13 | (1.42 - 3.07) | 3.38 | (2.36 - 4.69) | 0.72 | (0.35 - 1.30) |
| Kentucky | 1.53 | (1.09 - 2.08) | 2.47 | (1.69 - 3.49) | 4.40 | (3.20 - 5.88) | 0.91 | (0.50 - 1.52) |
| Louisiana | 1.77 | (1.27 - 2.41) | 2.56 | (1.76 - 3.60) | 4.96 | (3.64 - 6.57) | 1.01 | (0.53 - 1.75) |
| Maine | 1.44 | (1.03 - 1.96) | 3.41 | (2.38 - 4.71) | 4.50 | (3.20 - 6.14) | 0.73 | (0.38 - 1.29) |
| Maryland | 1.59 | (1.11 - 2.22) | 2.67 | (1.81 - 3.80) | 4.52 | (3.36 - 5.93) | 1.01 | (0.53 - 1.76) |
| Massachusetts | 2.03 | (1.41 - 2.83) | 3.91 | (2.72 - 5.44) | 5.15 | (3.75 - 6.89) | 1.34 | (0.73 - 2.26) |
| Michigan | 1.26 | (1.02 - 1.54) | 2.79 | (2.23 - 3.45) | 3.79 | (3.11 - 4.58) | 0.61 | (0.37 - 0.96) |
| Minnesota | 1.27 | (0.91 - 1.72) | 2.27 | (1.54 - 3.22) | 4.06 | (2.98 - 5.38) | 0.62 | (0.31 - 1.11) |
| Mississippi | 1.49 | (1.05 - 2.05) | 2.29 | (1.56 - 3.23) | 4.00 | (2.87 - 5.43) | 0.89 | (0.46 - 1.54) |
| Missouri | 1.06 | (0.72 - 1.51) | 1.99 | (1.29 - 2.93) | 3.29 | (2.30 - 4.55) | 0.55 | (0.26 - 1.05) |
| Montana | 1.36 | (0.98 - 1.84) | 3.07 | (2.15 - 4.24) | 4.06 | (2.95 - 5.44) | 0.64 | (0.32 - 1.17) |

See notes at end of table.

(continued)

Table B.16 Percentages Reporting Past Year Any Illicit Drug Dependence, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 1.16 | (0.81 - 1.61) | 2.25 | (1.49 - 3.27) | 3.31 | (2.33 - 4.55) | 0.60 | (0.29 - 1.11) |
| Nevada | 1.70 | (1.17 - 2.38) | 3.08 | (2.07 - 4.41) | 4.65 | (3.32 - 6.31) | 1.06 | (0.56 - 1.82) |
| New Hampshire | 1.44 | (1.03 - 1.95) | 2.84 | (1.94 - 3.99) | 5.14 | (3.72 - 6.90) | 0.69 | (0.35 - 1.23) |
| New Jersey | 1.06 | (0.72 - 1.50) | 1.73 | (1.14 - 2.52) | 4.02 | (2.88 - 5.46) | 0.55 | (0.25 - 1.04) |
| New Mexico | 1.57 | (1.09 - 2.18) | 3.21 | (2.22 - 4.48) | 3.39 | (2.40 - 4.64) | 0.96 | (0.50 - 1.67) |
| New York | 1.56 | (1.28 - 1.89) | 2.14 | (1.66 - 2.70) | 5.09 | (4.22 - 6.07) | 0.94 | (0.65 - 1.32) |
| North Carolina | 1.26 | (0.85 - 1.81) | 1.92 | (1.28 - 2.78) | 3.54 | (2.47 - 4.91) | 0.81 | (0.42 - 1.43) |
| North Dakota | 0.92 | (0.62 - 1.30) | 1.93 | (1.25 - 2.84) | 2.73 | (1.85 - 3.87) | 0.41 | (0.18 - 0.83) |
| Ohio | 1.13 | (0.91 - 1.39) | 2.09 | (1.63 - 2.64) | 3.69 | (3.06 - 4.41) | 0.57 | (0.35 - 0.87) |
| Oklahoma | 1.35 | (0.93 - 1.89) | 2.28 | (1.52 - 3.28) | 3.80 | (2.71 - 5.18) | 0.77 | (0.39 - 1.37) |
| Oregon | 1.61 | (1.14 - 2.22) | 2.60 | (1.78 - 3.66) | 4.98 | (3.69 - 6.55) | 0.94 | (0.50 - 1.62) |
| Pennsylvania | 1.30 | (1.06 - 1.57) | 2.35 | (1.87 - 2.91) | 4.02 | (3.32 - 4.82) | 0.76 | (0.52 - 1.07) |
| Rhode Island | 1.30 | (0.90 - 1.83) | 2.48 | (1.66 - 3.56) | 4.58 | (3.31 - 6.15) | 0.67 | (0.33 - 1.22) |
| South Carolina | 1.11 | (0.73 - 1.61) | 2.00 | (1.30 - 2.94) | 3.17 | (2.20 - 4.41) | 0.65 | (0.30 - 1.23) |
| South Dakota | 1.06 | (0.74 - 1.47) | 2.12 | (1.41 - 3.06) | 3.26 | (2.28 - 4.52) | 0.46 | (0.21 - 0.91) |
| Tennessee | 1.49 | (1.03 - 2.09) | 2.67 | (1.83 - 3.77) | 4.39 | (3.14 - 5.96) | 0.86 | (0.43 - 1.55) |
| Texas | 1.22 | (0.98 - 1.50) | 2.24 | (1.78 - 2.79) | 3.49 | (2.84 - 4.25) | 0.60 | (0.37 - 0.93) |
| Utah | 1.32 | (0.93 - 1.80) | 2.13 | (1.37 - 3.16) | 3.09 | (2.14 - 4.31) | 0.63 | (0.31 - 1.16) |
| Vermont | 1.93 | (1.40 - 2.58) | 2.84 | (1.97 - 3.96) | 6.34 | (4.84 - 8.14) | 1.10 | (0.60 - 1.86) |
| Virginia | 1.04 | (0.70 - 1.49) | 1.82 | (1.22 - 2.61) | 3.40 | (2.31 - 4.82) | 0.56 | (0.26 - 1.05) |
| Washington | 1.82 | (1.24 - 2.57) | 3.02 | (2.12 - 4.18) | 4.26 | (3.05 - 5.77) | 1.24 | (0.65 - 2.16) |
| West Virginia | 1.30 | (0.91 - 1.79) | 2.69 | (1.90 - 3.71) | 3.54 | (2.51 - 4.84) | 0.78 | (0.42 - 1.32) |
| Wisconsin | 1.08 | (0.75 - 1.52) | 2.11 | (1.44 - 2.98) | 3.11 | (2.17 - 4.32) | 0.58 | (0.29 - 1.06) |
| Wyoming | 1.24 | (0.88 - 1.70) | 2.22 | (1.47 - 3.20) | 3.81 | (2.71 - 5.19) | 0.58 | (0.29 - 1.05) |

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.

NOTE: Dependence is based on the definition found in the 4th ed. of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.17 Percentages Reporting Past Year *Dependence or Abuse for Any Illicit Drug or Alcohol*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 6.97 | | 7.80 | | 16.93 | | 5.16 | |
| Alabama | 6.13 | (5.08 - 7.32) | 7.41 | (5.86 - 9.21) | 13.96 | (11.58 - 16.63) | 4.63 | (3.46 - 6.04) |
| Alaska | 7.90 | (6.72 - 9.22) | 8.60 | (6.87 - 10.60) | 18.54 | (15.81 - 21.52) | 5.52 | (4.17 - 7.15) |
| Arizona | 7.34 | (6.15 - 8.69) | 8.50 | (6.76 - 10.52) | 15.78 | (13.22 - 18.63) | 5.67 | (4.29 - 7.32) |
| Arkansas | 6.56 | (5.55 - 7.69) | 8.54 | (6.84 - 10.49) | 16.42 | (13.80 - 19.32) | 4.61 | (3.52 - 5.90) |
| California | 7.58 | (6.86 - 8.35) | 8.06 | (7.19 - 9.00) | 15.90 | (14.45 - 17.43) | 5.98 | (5.11 - 6.96) |
| Colorado | 7.98 | (6.76 - 9.33) | 9.32 | (7.50 - 11.42) | 20.60 | (17.49 - 23.99) | 5.56 | (4.22 - 7.16) |
| Connecticut | 8.46 | (7.12 - 9.96) | 9.90 | (7.96 - 12.12) | 21.86 | (18.58 - 25.44) | 6.41 | (4.93 - 8.17) |
| Delaware | 7.44 | (6.26 - 8.77) | 8.20 | (6.48 - 10.21) | 17.12 | (14.51 - 20.00) | 5.80 | (4.46 - 7.38) |
| District of Columbia | 9.07 | (7.50 - 10.84) | 6.66 | (4.98 - 8.70) | 19.22 | (16.23 - 22.50) | 7.67 | (5.85 - 9.83) |
| Florida | 6.54 | (5.82 - 7.32) | 6.38 | (5.44 - 7.42) | 15.69 | (14.19 - 17.28) | 5.31 | (4.46 - 6.26) |
| Georgia | 6.01 | (4.95 - 7.22) | 5.95 | (4.63 - 7.51) | 13.95 | (11.61 - 16.57) | 4.60 | (3.40 - 6.08) |
| Hawaii | 6.78 | (5.58 - 8.13) | 9.72 | (7.63 - 12.17) | 17.68 | (14.69 - 20.99) | 4.72 | (3.44 - 6.31) |
| Idaho | 6.56 | (5.57 - 7.66) | 7.70 | (6.07 - 9.59) | 16.34 | (13.79 - 19.15) | 4.31 | (3.25 - 5.59) |
| Illinois | 7.54 | (6.82 - 8.30) | 7.03 | (6.10 - 8.05) | 18.57 | (16.98 - 20.23) | 5.70 | (4.85 - 6.64) |
| Indiana | 6.03 | (5.04 - 7.15) | 7.53 | (5.95 - 9.38) | 15.59 | (13.00 - 18.47) | 4.15 | (3.09 - 5.44) |
| Iowa | 7.06 | (6.05 - 8.19) | 8.70 | (6.97 - 10.70) | 20.14 | (17.38 - 23.12) | 4.53 | (3.44 - 5.83) |
| Kansas | 7.02 | (5.88 - 8.30) | 8.02 | (6.29 - 10.04) | 16.93 | (14.20 - 19.95) | 5.05 | (3.79 - 6.59) |
| Kentucky | 6.46 | (5.46 - 7.58) | 8.49 | (6.79 - 10.45) | 15.99 | (13.61 - 18.62) | 4.54 | (3.45 - 5.85) |
| Louisiana | 7.98 | (6.73 - 9.39) | 8.95 | (7.14 - 11.05) | 17.72 | (15.01 - 20.69) | 5.87 | (4.46 - 7.56) |
| Maine | 6.70 | (5.70 - 7.81) | 10.02 | (8.12 - 12.19) | 19.40 | (16.45 - 22.62) | 4.39 | (3.34 - 5.66) |
| Maryland | 7.07 | (5.94 - 8.34) | 8.66 | (6.94 - 10.64) | 18.47 | (15.89 - 21.26) | 5.15 | (3.89 - 6.66) |
| Massachusetts | 9.13 | (7.70 - 10.74) | 10.23 | (8.30 - 12.45) | 23.07 | (19.92 - 26.46) | 6.93 | (5.33 - 8.84) |
| Michigan | 7.14 | (6.50 - 7.84) | 8.58 | (7.60 - 9.65) | 17.94 | (16.47 - 19.48) | 5.12 | (4.36 - 5.96) |
| Minnesota | 7.34 | (6.28 - 8.50) | 8.99 | (7.20 - 11.06) | 19.21 | (16.58 - 22.06) | 4.97 | (3.82 - 6.33) |
| Mississippi | 7.25 | (6.07 - 8.59) | 7.48 | (5.86 - 9.39) | 15.21 | (12.65 - 18.07) | 5.68 | (4.32 - 7.32) |
| Missouri | 6.61 | (5.59 - 7.76) | 8.00 | (6.35 - 9.92) | 17.35 | (14.73 - 20.22) | 4.58 | (3.47 - 5.91) |
| Montana | 8.60 | (7.41 - 9.92) | 11.65 | (9.46 - 14.14) | 23.09 | (20.08 - 26.32) | 5.64 | (4.29 - 7.25) |

See notes at end of table.

(continued)

Table B.17 Percentages Reporting Past Year Dependence or Abuse for Any Illicit Drug or Alcohol, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 8.28 | (7.15 - 9.54) | 9.34 | (7.49 - 11.48) | 21.38 | (18.33 - 24.69) | 5.70 | (4.43 - 7.20) |
| Nevada | 7.78 | (6.60 - 9.09) | 9.88 | (7.85 - 12.22) | 18.62 | (15.56 - 21.99) | 5.82 | (4.53 - 7.34) |
| New Hampshire | 7.23 | (6.16 - 8.41) | 9.43 | (7.61 - 11.51) | 19.84 | (16.96 - 22.98) | 5.03 | (3.86 - 6.42) |
| New Jersey | 6.28 | (5.19 - 7.51) | 6.26 | (4.98 - 7.76) | 15.86 | (13.22 - 18.79) | 4.89 | (3.68 - 6.37) |
| New Mexico | 8.47 | (7.17 - 9.93) | 11.47 | (9.26 - 14.00) | 18.09 | (15.23 - 21.24) | 6.17 | (4.69 - 7.94) |
| New York | 6.76 | (6.10 - 7.48) | 6.35 | (5.44 - 7.35) | 19.52 | (17.83 - 21.29) | 4.82 | (4.05 - 5.68) |
| North Carolina | 5.17 | (4.18 - 6.31) | 5.75 | (4.36 - 7.42) | 13.04 | (10.68 - 15.70) | 3.86 | (2.79 - 5.19) |
| North Dakota | 9.33 | (8.05 - 10.74) | 10.65 | (8.54 - 13.08) | 27.09 | (23.60 - 30.79) | 5.69 | (4.30 - 7.37) |
| Ohio | 6.27 | (5.69 - 6.90) | 7.07 | (6.17 - 8.06) | 16.84 | (15.41 - 18.35) | 4.37 | (3.68 - 5.16) |
| Oklahoma | 7.05 | (5.90 - 8.36) | 7.75 | (5.98 - 9.84) | 15.58 | (13.06 - 18.38) | 5.41 | (4.10 - 6.98) |
| Oregon | 7.33 | (6.18 - 8.61) | 8.77 | (7.01 - 10.80) | 18.27 | (15.62 - 21.16) | 5.36 | (4.11 - 6.87) |
| Pennsylvania | 6.69 | (6.05 - 7.37) | 7.11 | (6.21 - 8.09) | 17.15 | (15.67 - 18.71) | 5.08 | (4.33 - 5.91) |
| Rhode Island | 7.96 | (6.68 - 9.40) | 8.22 | (6.42 - 10.33) | 21.09 | (18.06 - 24.36) | 6.00 | (4.56 - 7.71) |
| South Carolina | 5.63 | (4.65 - 6.76) | 6.66 | (5.15 - 8.45) | 13.08 | (10.87 - 15.55) | 4.27 | (3.17 - 5.62) |
| South Dakota | 7.61 | (6.44 - 8.92) | 8.41 | (6.70 - 10.38) | 19.53 | (16.59 - 22.75) | 5.17 | (3.89 - 6.72) |
| Tennessee | 6.51 | (5.46 - 7.69) | 8.92 | (7.07 - 11.05) | 15.45 | (12.96 - 18.21) | 4.73 | (3.59 - 6.11) |
| Texas | 6.86 | (6.17 - 7.61) | 8.20 | (7.24 - 9.24) | 15.39 | (14.02 - 16.84) | 4.95 | (4.10 - 5.91) |
| Utah | 6.40 | (5.38 - 7.55) | 6.29 | (4.74 - 8.16) | 13.16 | (10.90 - 15.69) | 4.45 | (3.29 - 5.88) |
| Vermont | 8.07 | (6.90 - 9.38) | 8.79 | (7.06 - 10.79) | 20.28 | (17.57 - 23.20) | 6.03 | (4.73 - 7.56) |
| Virginia | 5.54 | (4.62 - 6.59) | 5.76 | (4.44 - 7.32) | 15.40 | (12.83 - 18.26) | 3.93 | (2.94 - 5.14) |
| Washington | 8.37 | (7.07 - 9.82) | 10.26 | (8.35 - 12.43) | 17.85 | (15.08 - 20.89) | 6.51 | (5.02 - 8.28) |
| West Virginia | 6.12 | (5.15 - 7.20) | 8.91 | (7.17 - 10.91) | 15.67 | (13.05 - 18.59) | 4.26 | (3.24 - 5.49) |
| Wisconsin | 7.26 | (6.18 - 8.47) | 8.38 | (6.77 - 10.23) | 18.25 | (15.55 - 21.20) | 5.18 | (4.00 - 6.58) |
| Wyoming | 7.38 | (6.28 - 8.61) | 9.17 | (7.29 - 11.35) | 20.25 | (17.22 - 23.55) | 4.56 | (3.41 - 5.97) |

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.
 NOTE: Dependence and Abuse are based on definitions found in the 4th ed. of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.
 NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.18 Percentages Reporting Past Year *Illicit Drug Treatment Gap*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 2.02 | | 4.25 | | 5.94 | | 1.04 | |
| Alabama | 1.63 | (1.24 - 2.11) | 3.32 | (2.34 - 4.56) | 5.37 | (3.92 - 7.15) | 0.77 | (0.46 - 1.23) |
| Alaska | 2.23 | (1.72 - 2.85) | 4.63 | (3.35 - 6.23) | 5.88 | (4.32 - 7.78) | 1.02 | (0.60 - 1.63) |
| Arizona | 2.25 | (1.71 - 2.91) | 4.95 | (3.67 - 6.52) | 5.35 | (3.97 - 7.03) | 1.30 | (0.77 - 2.05) |
| Arkansas | 2.09 | (1.64 - 2.63) | 4.49 | (3.34 - 5.89) | 7.35 | (5.52 - 9.56) | 0.86 | (0.52 - 1.36) |
| California | 2.68 | (2.29 - 3.10) | 5.22 | (4.47 - 6.05) | 6.52 | (5.57 - 7.59) | 1.61 | (1.19 - 2.13) |
| Colorado | 2.47 | (1.88 - 3.17) | 5.16 | (3.81 - 6.81) | 6.70 | (4.98 - 8.78) | 1.34 | (0.81 - 2.10) |
| Connecticut | 2.28 | (1.71 - 2.97) | 5.40 | (3.97 - 7.15) | 7.09 | (5.26 - 9.32) | 1.21 | (0.72 - 1.92) |
| Delaware | 1.98 | (1.54 - 2.51) | 4.54 | (3.35 - 6.00) | 5.93 | (4.44 - 7.73) | 1.02 | (0.64 - 1.55) |
| District of Columbia | 2.14 | (1.57 - 2.86) | 3.82 | (2.64 - 5.34) | 5.73 | (4.17 - 7.66) | 1.37 | (0.83 - 2.14) |
| Florida | 1.69 | (1.41 - 2.01) | 3.56 | (2.89 - 4.33) | 5.92 | (4.94 - 7.02) | 0.89 | (0.62 - 1.22) |
| Georgia | 1.77 | (1.35 - 2.26) | 3.43 | (2.49 - 4.60) | 5.34 | (3.96 - 7.02) | 0.89 | (0.54 - 1.40) |
| Hawaii | 1.81 | (1.31 - 2.42) | 5.39 | (3.85 - 7.33) | 4.89 | (3.43 - 6.75) | 0.89 | (0.46 - 1.55) |
| Idaho | 1.96 | (1.52 - 2.47) | 4.15 | (3.03 - 5.55) | 5.98 | (4.45 - 7.84) | 0.75 | (0.44 - 1.19) |
| Illinois | 2.10 | (1.79 - 2.45) | 3.76 | (3.10 - 4.52) | 6.72 | (5.73 - 7.82) | 1.08 | (0.78 - 1.45) |
| Indiana | 1.82 | (1.42 - 2.30) | 4.04 | (2.98 - 5.35) | 5.86 | (4.31 - 7.76) | 0.81 | (0.50 - 1.24) |
| Iowa | 1.35 | (0.98 - 1.80) | 3.53 | (2.51 - 4.82) | 4.00 | (2.78 - 5.58) | 0.57 | (0.30 - 1.00) |
| Kansas | 1.77 | (1.33 - 2.30) | 3.67 | (2.52 - 5.16) | 4.76 | (3.46 - 6.37) | 0.94 | (0.55 - 1.48) |
| Kentucky | 1.95 | (1.54 - 2.44) | 4.48 | (3.37 - 5.81) | 6.19 | (4.70 - 7.98) | 0.89 | (0.55 - 1.34) |
| Louisiana | 2.37 | (1.84 - 3.01) | 4.32 | (3.15 - 5.76) | 7.22 | (5.45 - 9.34) | 1.10 | (0.65 - 1.73) |
| Maine | 2.30 | (1.83 - 2.85) | 6.60 | (4.98 - 8.56) | 7.64 | (5.87 - 9.75) | 0.96 | (0.58 - 1.50) |
| Maryland | 2.16 | (1.66 - 2.75) | 4.88 | (3.61 - 6.44) | 6.49 | (4.90 - 8.41) | 1.15 | (0.69 - 1.80) |
| Massachusetts | 2.54 | (1.94 - 3.27) | 6.80 | (5.13 - 8.82) | 6.93 | (5.26 - 8.94) | 1.37 | (0.82 - 2.14) |
| Michigan | 1.99 | (1.72 - 2.29) | 4.99 | (4.21 - 5.86) | 5.89 | (4.98 - 6.90) | 0.91 | (0.65 - 1.23) |
| Minnesota | 2.24 | (1.73 - 2.85) | 4.60 | (3.42 - 6.05) | 6.46 | (4.86 - 8.38) | 1.13 | (0.70 - 1.74) |
| Mississippi | 1.99 | (1.53 - 2.53) | 4.26 | (3.07 - 5.76) | 5.64 | (4.18 - 7.42) | 0.94 | (0.57 - 1.44) |
| Missouri | 1.51 | (1.12 - 2.00) | 3.27 | (2.29 - 4.53) | 4.95 | (3.61 - 6.61) | 0.68 | (0.37 - 1.15) |
| Montana | 2.12 | (1.67 - 2.65) | 6.23 | (4.57 - 8.27) | 5.99 | (4.56 - 7.71) | 0.85 | (0.49 - 1.36) |

See notes at end of table.

(continued)

Table B.18 Percentages Reporting Past Year *Illicit Drug Treatment Gap*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 1.62 | (1.21 - 2.12) | 3.63 | (2.55 - 4.99) | 4.81 | (3.50 - 6.43) | 0.73 | (0.41 - 1.18) |
| Nevada | 2.63 | (1.94 - 3.48) | 5.30 | (3.81 - 7.15) | 7.41 | (5.41 - 9.87) | 1.53 | (0.90 - 2.42) |
| New Hampshire | 2.22 | (1.76 - 2.77) | 5.98 | (4.53 - 7.72) | 6.98 | (5.20 - 9.14) | 0.99 | (0.61 - 1.51) |
| New Jersey | 1.63 | (1.21 - 2.14) | 2.99 | (2.11 - 4.11) | 5.94 | (4.33 - 7.92) | 0.84 | (0.47 - 1.37) |
| New Mexico | 2.28 | (1.76 - 2.90) | 5.82 | (4.24 - 7.76) | 5.45 | (3.97 - 7.26) | 1.11 | (0.67 - 1.73) |
| New York | 2.26 | (1.91 - 2.66) | 3.45 | (2.82 - 4.17) | 7.90 | (6.77 - 9.15) | 1.23 | (0.88 - 1.68) |
| North Carolina | 1.73 | (1.31 - 2.25) | 3.40 | (2.44 - 4.60) | 5.35 | (3.93 - 7.10) | 0.94 | (0.57 - 1.46) |
| North Dakota | 1.43 | (1.06 - 1.90) | 3.56 | (2.51 - 4.91) | 4.02 | (2.79 - 5.59) | 0.61 | (0.32 - 1.07) |
| Ohio | 1.69 | (1.43 - 1.98) | 3.64 | (3.00 - 4.37) | 5.24 | (4.45 - 6.14) | 0.82 | (0.58 - 1.13) |
| Oklahoma | 1.86 | (1.45 - 2.34) | 4.20 | (3.06 - 5.61) | 5.60 | (4.16 - 7.37) | 0.84 | (0.52 - 1.27) |
| Oregon | 2.28 | (1.76 - 2.90) | 5.25 | (3.90 - 6.88) | 6.58 | (5.03 - 8.44) | 1.20 | (0.73 - 1.86) |
| Pennsylvania | 1.62 | (1.38 - 1.90) | 3.53 | (2.92 - 4.22) | 5.57 | (4.68 - 6.58) | 0.80 | (0.57 - 1.09) |
| Rhode Island | 1.86 | (1.43 - 2.38) | 4.39 | (3.21 - 5.86) | 6.31 | (4.72 - 8.23) | 0.88 | (0.53 - 1.37) |
| South Carolina | 1.51 | (1.12 - 1.99) | 3.76 | (2.69 - 5.09) | 4.43 | (3.17 - 6.02) | 0.74 | (0.42 - 1.22) |
| South Dakota | 1.48 | (1.09 - 1.96) | 3.71 | (2.59 - 5.13) | 4.35 | (3.05 - 6.01) | 0.57 | (0.29 - 1.00) |
| Tennessee | 2.05 | (1.59 - 2.60) | 5.04 | (3.74 - 6.63) | 5.98 | (4.45 - 7.85) | 1.01 | (0.63 - 1.55) |
| Texas | 1.83 | (1.54 - 2.17) | 4.32 | (3.58 - 5.17) | 4.84 | (4.03 - 5.76) | 0.85 | (0.57 - 1.21) |
| Utah | 1.92 | (1.43 - 2.52) | 3.33 | (2.28 - 4.69) | 4.12 | (2.91 - 5.66) | 0.98 | (0.54 - 1.63) |
| Vermont | 2.47 | (1.92 - 3.13) | 5.21 | (3.84 - 6.91) | 7.74 | (6.00 - 9.80) | 1.26 | (0.77 - 1.95) |
| Virginia | 1.53 | (1.13 - 2.01) | 3.30 | (2.38 - 4.45) | 4.71 | (3.35 - 6.41) | 0.79 | (0.45 - 1.28) |
| Washington | 2.41 | (1.79 - 3.17) | 4.88 | (3.66 - 6.35) | 5.97 | (4.43 - 7.85) | 1.47 | (0.86 - 2.35) |
| West Virginia | 1.63 | (1.25 - 2.08) | 4.42 | (3.27 - 5.82) | 4.95 | (3.58 - 6.65) | 0.77 | (0.47 - 1.21) |
| Wisconsin | 1.76 | (1.36 - 2.23) | 3.69 | (2.67 - 4.97) | 5.44 | (4.07 - 7.10) | 0.83 | (0.51 - 1.30) |
| Wyoming | 1.71 | (1.29 - 2.22) | 3.49 | (2.45 - 4.81) | 5.34 | (3.90 - 7.11) | 0.72 | (0.40 - 1.19) |

NOTE: Illicit Drug Treatment Gap is defined as the number of persons who needed treatment in the past year but did not receive treatment in a specialty substance abuse treatment facility.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.19 Estimated Numbers (in Thousands) of Persons Reporting Past Year *Illicit Drug Treatment Gap*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 4,528 | | 999 | | 1,737 | | 1,792 | |
| Alabama | 59 | (45 - 77) | 12 | (9 - 17) | 26 | (19 - 34) | 22 | (13 - 34) |
| Alaska | 11 | (8 - 14) | 3 | (2 - 4) | 4 | (3 - 6) | 4 | (2 - 6) |
| Arizona | 88 | (67 - 114) | 22 | (16 - 29) | 28 | (21 - 37) | 38 | (23 - 60) |
| Arkansas | 45 | (35 - 56) | 10 | (7 - 13) | 21 | (16 - 27) | 14 | (8 - 22) |
| California | 708 | (606 - 822) | 147 | (126 - 171) | 240 | (205 - 279) | 321 | (237 - 425) |
| Colorado | 84 | (64 - 108) | 19 | (14 - 25) | 31 | (23 - 40) | 35 | (21 - 54) |
| Connecticut | 62 | (46 - 80) | 14 | (11 - 19) | 21 | (16 - 28) | 26 | (15 - 41) |
| Delaware | 13 | (10 - 16) | 3 | (2 - 4) | 5 | (4 - 6) | 5 | (3 - 8) |
| District of Columbia | 9 | (7 - 12) | 1 | (1 - 2) | 3 | (2 - 4) | 5 | (3 - 7) |
| Florida | 216 | (180 - 257) | 43 | (35 - 52) | 83 | (69 - 98) | 90 | (63 - 125) |
| Georgia | 113 | (87 - 145) | 24 | (17 - 32) | 46 | (34 - 61) | 43 | (26 - 68) |
| Hawaii | 17 | (12 - 23) | 5 | (4 - 7) | 6 | (4 - 8) | 7 | (3 - 12) |
| Idaho | 21 | (16 - 26) | 5 | (4 - 7) | 10 | (7 - 13) | 6 | (3 - 9) |
| Illinois | 206 | (176 - 240) | 38 | (32 - 46) | 87 | (74 - 101) | 81 | (59 - 109) |
| Indiana | 90 | (70 - 113) | 21 | (15 - 28) | 39 | (28 - 51) | 30 | (19 - 47) |
| Iowa | 32 | (23 - 43) | 9 | (6 - 12) | 13 | (9 - 18) | 10 | (5 - 18) |
| Kansas | 38 | (29 - 50) | 9 | (6 - 12) | 14 | (10 - 19) | 15 | (9 - 24) |
| Kentucky | 64 | (51 - 80) | 15 | (11 - 19) | 27 | (21 - 35) | 22 | (14 - 34) |
| Louisiana | 84 | (65 - 107) | 18 | (13 - 23) | 38 | (29 - 49) | 29 | (17 - 45) |
| Maine | 24 | (19 - 30) | 7 | (5 - 9) | 9 | (7 - 12) | 8 | (5 - 12) |
| Maryland | 93 | (71 - 118) | 21 | (16 - 28) | 33 | (25 - 43) | 39 | (23 - 60) |
| Massachusetts | 131 | (100 - 168) | 34 | (26 - 44) | 42 | (32 - 54) | 55 | (33 - 87) |
| Michigan | 160 | (138 - 185) | 43 | (36 - 51) | 61 | (52 - 72) | 56 | (40 - 76) |
| Minnesota | 89 | (69 - 113) | 20 | (15 - 27) | 35 | (26 - 45) | 34 | (21 - 52) |
| Mississippi | 45 | (35 - 57) | 11 | (8 - 15) | 18 | (14 - 24) | 16 | (10 - 24) |
| Missouri | 69 | (51 - 90) | 16 | (11 - 22) | 29 | (21 - 39) | 23 | (13 - 40) |
| Montana | 16 | (13 - 20) | 5 | (4 - 7) | 6 | (5 - 8) | 5 | (3 - 8) |

See notes at end of table.

(continued)

Table B.19 Estimated Numbers (in Thousands) of Persons Reporting Past Year *Illicit Drug Treatment Gap*, by Age Group and State: Annual Averages Based on 2000 and 2001 NHSDAs

| State | Total | | AGE GROUP (Years) | | | | | |
|----------------|----------|---------------------|-------------------|---------------------|----------|---------------------|-------------|---------------------|
| | | | 12-17 | | 18-25 | | 26 or Older | |
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Nebraska | 22 | (17 - 29) | 6 | (4 - 8) | 9 | (7 - 12) | 7 | (4 - 12) |
| Nevada | 41 | (30 - 54) | 8 | (6 - 11) | 14 | (10 - 19) | 19 | (11 - 29) |
| New Hampshire | 23 | (18 - 28) | 6 | (5 - 8) | 8 | (6 - 11) | 8 | (5 - 12) |
| New Jersey | 110 | (82 - 144) | 20 | (14 - 27) | 46 | (33 - 61) | 45 | (25 - 73) |
| New Mexico | 33 | (25 - 42) | 10 | (7 - 13) | 11 | (8 - 15) | 12 | (7 - 19) |
| New York | 337 | (285 - 396) | 50 | (41 - 61) | 144 | (123 - 166) | 143 | (102 - 195) |
| North Carolina | 110 | (83 - 143) | 22 | (16 - 30) | 41 | (30 - 55) | 46 | (28 - 72) |
| North Dakota | 8 | (6 - 10) | 2 | (1 - 3) | 3 | (2 - 4) | 2 | (1 - 4) |
| Ohio | 157 | (133 - 184) | 35 | (29 - 42) | 63 | (54 - 74) | 59 | (41 - 80) |
| Oklahoma | 51 | (40 - 64) | 13 | (9 - 17) | 21 | (16 - 28) | 17 | (11 - 26) |
| Oregon | 64 | (49 - 81) | 15 | (11 - 19) | 24 | (18 - 30) | 26 | (16 - 40) |
| Pennsylvania | 163 | (139 - 191) | 35 | (29 - 42) | 65 | (55 - 77) | 63 | (45 - 86) |
| Rhode Island | 15 | (12 - 20) | 4 | (3 - 5) | 6 | (4 - 8) | 6 | (3 - 9) |
| South Carolina | 48 | (36 - 64) | 12 | (9 - 16) | 18 | (13 - 24) | 18 | (10 - 30) |
| South Dakota | 9 | (7 - 12) | 3 | (2 - 4) | 4 | (3 - 5) | 3 | (1 - 4) |
| Tennessee | 95 | (73 - 120) | 23 | (17 - 30) | 35 | (26 - 47) | 36 | (22 - 55) |
| Texas | 297 | (250 - 351) | 81 | (67 - 96) | 116 | (96 - 137) | 101 | (68 - 145) |
| Utah | 33 | (24 - 43) | 8 | (5 - 11) | 14 | (10 - 19) | 11 | (6 - 18) |
| Vermont | 13 | (10 - 16) | 3 | (2 - 4) | 5 | (4 - 6) | 5 | (3 - 8) |
| Virginia | 87 | (64 - 114) | 19 | (13 - 25) | 33 | (24 - 45) | 35 | (20 - 56) |
| Washington | 115 | (86 - 152) | 24 | (18 - 32) | 37 | (27 - 49) | 54 | (32 - 86) |
| West Virginia | 25 | (19 - 32) | 6 | (5 - 8) | 10 | (7 - 13) | 9 | (6 - 14) |
| Wisconsin | 77 | (60 - 98) | 18 | (13 - 24) | 32 | (24 - 42) | 28 | (17 - 43) |
| Wyoming | 7 | (5 - 9) | 2 | (1 - 2) | 3 | (2 - 4) | 2 | (1 - 4) |

NOTE: Illicit Drug Treatment Gap is defined as the number of persons who needed treatment in the past year but did not receive treatment in a specialty substance abuse treatment facility.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the sum of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 2000 and 2001.

Table B.20 Percentages Reporting Past Year *Serious Mental Illness*, by Age Group and State: 2001 NHSDA

| State | Total | | 18-25 | | 26 or Older | |
|----------------------|----------|---------------------|----------|---------------------|-------------|---------------------|
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| Total ¹ | 7.41 | | 11.77 | | 6.66 | |
| Alabama | 7.40 | (5.94 - 9.10) | 11.25 | (8.73 - 14.19) | 6.74 | (5.11 - 8.70) |
| Alaska | 7.05 | (5.66 - 8.66) | 10.70 | (8.35 - 13.45) | 6.23 | (4.66 - 8.12) |
| Arizona | 8.19 | (6.55 - 10.09) | 12.02 | (9.65 - 14.74) | 7.50 | (5.65 - 9.72) |
| Arkansas | 8.24 | (6.67 - 10.05) | 12.62 | (9.88 - 15.79) | 7.48 | (5.76 - 9.52) |
| California | 7.14 | (6.12 - 8.27) | 9.70 | (8.29 - 11.26) | 6.66 | (5.50 - 7.98) |
| Colorado | 7.04 | (5.72 - 8.56) | 11.64 | (9.22 - 14.43) | 6.22 | (4.74 - 7.98) |
| Connecticut | 5.92 | (4.80 - 7.21) | 11.99 | (9.48 - 14.89) | 5.09 | (3.88 - 6.55) |
| Delaware | 6.78 | (5.49 - 8.26) | 12.42 | (10.07 - 15.09) | 5.88 | (4.47 - 7.57) |
| District of Columbia | 6.97 | (5.43 - 8.79) | 10.01 | (7.71 - 12.71) | 6.53 | (4.83 - 8.59) |
| Florida | 6.81 | (5.82 - 7.92) | 11.91 | (10.16 - 13.84) | 6.11 | (5.01 - 7.35) |
| Georgia | 8.66 | (6.99 - 10.57) | 12.46 | (9.99 - 15.28) | 7.98 | (6.09 - 10.22) |
| Hawaii | 5.12 | (3.97 - 6.47) | 10.74 | (8.20 - 13.75) | 4.21 | (2.98 - 5.77) |
| Idaho | 8.13 | (6.60 - 9.88) | 13.32 | (10.71 - 16.31) | 7.01 | (5.25 - 9.14) |
| Illinois | 6.94 | (6.07 - 7.90) | 12.79 | (11.14 - 14.59) | 5.94 | (4.98 - 7.03) |
| Indiana | 6.84 | (5.55 - 8.34) | 11.04 | (8.53 - 13.99) | 6.11 | (4.70 - 7.79) |
| Iowa | 6.92 | (5.52 - 8.55) | 10.97 | (8.65 - 13.66) | 6.20 | (4.64 - 8.10) |
| Kansas | 7.89 | (6.23 - 9.82) | 10.56 | (8.07 - 13.50) | 7.38 | (5.47 - 9.70) |
| Kentucky | 8.99 | (7.26 - 10.97) | 13.68 | (11.12 - 16.57) | 8.17 | (6.25 - 10.44) |
| Louisiana | 8.18 | (6.71 - 9.85) | 13.59 | (11.03 - 16.48) | 7.08 | (5.43 - 9.04) |
| Maine | 8.10 | (6.61 - 9.79) | 14.36 | (11.61 - 17.49) | 7.16 | (5.53 - 9.09) |
| Maryland | 6.79 | (5.46 - 8.33) | 11.45 | (9.13 - 14.12) | 6.09 | (4.63 - 7.85) |
| Massachusetts | 7.00 | (5.64 - 8.57) | 12.19 | (9.65 - 15.12) | 6.24 | (4.75 - 8.03) |
| Michigan | 8.15 | (7.13 - 9.27) | 12.83 | (11.25 - 14.55) | 7.37 | (6.22 - 8.66) |
| Minnesota | 8.19 | (6.61 - 10.01) | 12.98 | (10.42 - 15.91) | 7.33 | (5.56 - 9.44) |
| Mississippi | 8.04 | (6.61 - 9.67) | 13.01 | (10.38 - 16.02) | 7.06 | (5.46 - 8.96) |
| Missouri | 7.40 | (6.00 - 9.02) | 12.75 | (10.30 - 15.54) | 6.48 | (4.92 - 8.35) |
| Montana | 8.11 | (6.65 - 9.77) | 12.81 | (10.35 - 15.61) | 7.26 | (5.61 - 9.20) |

See notes at end of table.

(continued)

Table B.20 Percentages Reporting Past Year *Serious Mental Illness*, by Age Group and State: 2001 NHSDA

| State | Total | | 18-25 | | 26 or Older | |
|----------------|----------|---------------------|---------------|---------------------|----------------|---------------------|
| | Estimate | Prediction Interval | Estimate | Prediction Interval | Estimate | Prediction Interval |
| | Nebraska | 7.47 | (6.09 - 9.06) | 11.68 | (9.27 - 14.47) | 6.67 |
| Nevada | 7.30 | (5.88 - 8.93) | 13.21 | (10.34 - 16.53) | 6.35 | (4.81 - 8.21) |
| New Hampshire | 6.63 | (5.32 - 8.14) | 11.93 | (9.52 - 14.71) | 5.85 | (4.44 - 7.54) |
| New Jersey | 6.37 | (5.12 - 7.81) | 11.22 | (8.84 - 13.99) | 5.68 | (4.33 - 7.30) |
| New Mexico | 7.33 | (5.83 - 9.07) | 10.45 | (8.13 - 13.17) | 6.74 | (5.05 - 8.77) |
| New York | 7.38 | (6.36 - 8.50) | 11.83 | (10.28 - 13.52) | 6.69 | (5.55 - 7.98) |
| North Carolina | 7.37 | (5.98 - 8.96) | 11.34 | (8.87 - 14.21) | 6.74 | (5.21 - 8.55) |
| North Dakota | 7.50 | (6.09 - 9.13) | 12.99 | (10.37 - 15.98) | 6.44 | (4.86 - 8.33) |
| Ohio | 7.64 | (6.69 - 8.67) | 12.37 | (10.81 - 14.06) | 6.83 | (5.77 - 8.03) |
| Oklahoma | 10.36 | (8.50 - 12.46) | 14.10 | (11.18 - 17.45) | 9.66 | (7.59 - 12.07) |
| Oregon | 7.63 | (6.21 - 9.25) | 12.34 | (9.85 - 15.20) | 6.83 | (5.25 - 8.71) |
| Pennsylvania | 6.99 | (6.04 - 8.04) | 11.52 | (10.01 - 13.17) | 6.32 | (5.27 - 7.49) |
| Rhode Island | 8.11 | (6.50 - 9.97) | 13.00 | (10.40 - 15.96) | 7.38 | (5.62 - 9.49) |
| South Carolina | 7.33 | (5.94 - 8.94) | 11.88 | (9.63 - 14.43) | 6.55 | (4.99 - 8.43) |
| South Dakota | 7.16 | (5.83 - 8.68) | 11.48 | (9.11 - 14.21) | 6.30 | (4.82 - 8.06) |
| Tennessee | 7.97 | (6.44 - 9.73) | 12.90 | (10.21 - 16.01) | 7.16 | (5.46 - 9.18) |
| Texas | 7.12 | (6.20 - 8.14) | 11.36 | (9.83 - 13.03) | 6.28 | (5.23 - 7.47) |
| Utah | 8.30 | (6.91 - 9.87) | 12.03 | (9.71 - 14.67) | 7.16 | (5.56 - 9.06) |
| Vermont | 7.65 | (6.25 - 9.24) | 13.34 | (10.94 - 16.05) | 6.75 | (5.20 - 8.59) |
| Virginia | 7.62 | (6.17 - 9.29) | 11.35 | (8.98 - 14.09) | 7.01 | (5.39 - 8.94) |
| Washington | 8.25 | (6.70 - 10.03) | 12.96 | (10.44 - 15.84) | 7.43 | (5.71 - 9.48) |
| West Virginia | 8.35 | (6.69 - 10.27) | 12.72 | (10.22 - 15.59) | 7.64 | (5.79 - 9.86) |
| Wisconsin | 6.95 | (5.62 - 8.48) | 11.90 | (9.53 - 14.62) | 6.08 | (4.61 - 7.84) |
| Wyoming | 7.19 | (5.87 - 8.70) | 12.35 | (9.90 - 15.15) | 6.15 | (4.71 - 7.88) |

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NOTE: Serious Mental Illness (SMI) is defined as having a diagnosable mental, behavioral, or emotional disorder that met the DSM-IV criteria and resulted in functional impairment that substantially interfered with, or limited one or more life activities.

NOTE: Data for Serious Mental Illness (SMI) are not defined for 12 to 17 year olds; therefore, "Total" estimate reflects ages 18 or older.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

