

Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Substance Abuse and Mental Health Services Administration
Office of Applied Studies

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Section A: Overview and Findings

A.1. Introduction

This report presents estimates of the prevalence of substance use or mental health problems in substate areas during 2002-2004 based on the National Survey on Drug Use and Health (NSDUH). NSDUH is an annual survey of the civilian, noninstitutionalized population aged 12 or older. The report marks a second time that detailed data for substate areas have been presented by the Substance Abuse and Mental Health Services Administration (SAMHSA). The first report to provide such estimates used data from the 1999-2001 surveys (Office of Applied Studies [OAS], 2005). This second report presents estimates for 22 measures of substance use or mental health problems based on the 2002-2004 NSDUHs. Estimates of underage alcohol use among persons aged 12 to 20 and binge alcohol use also are included in this report. These two reports provide a more detailed perspective on the variations in substance use rates both within and across States than was possible with prior State reports (Wright & Sathe, 2005, 2006).

Estimates are provided here for each of the 357 substate areas representing collectively the 50 States and the District of Columbia. These areas were defined by officials from each State and were typically based on the substance abuse treatment planning areas specified by the States in their applications for the Substance Abuse Prevention and Treatment (SAPT) Block Grant administered by SAMHSA. NSDUH is sponsored by SAMHSA and collects information from residents of households, residents of noninstitutionalized group quarters (e.g., shelters, rooming houses, dormitories), and civilians living on military bases. In 2002-2004, NSDUH collected data from approximately 204,000 respondents aged 12 or older and was stratified to obtain representative samples from all 50 States and the District of Columbia. The survey was planned and managed by SAMHSA's OAS. Data collection was conducted under contract with RTI International.¹

A.2. Format of the Report

Section A provides background on the survey, how substate areas were formed, the general methodological approach, and a brief discussion of the findings. A complete list of the 22 substance use measures presented in this report is given in *Section B*, which also provides further information on the small area estimation (SAE) methodology used to develop estimates presented in this report. Included in this report are measures of illicit drug use, alcohol use, tobacco use, substance dependence and abuse, substance use treatment need, and serious psychological distress. *Section C* includes tables with estimates for each of the 22 measures mentioned above and the corresponding prediction intervals (PIs). It also contains a set of national maps that show the prevalence of each outcome measure for each substate region. The rows in the tables in *Section C* have been ordered alphabetically by State, and the substate areas have been ordered alphabetically within each State. There are 10 separate tables, with most having a few related outcomes. Estimates for some aggregate regions are also included in these tables. *Section D* contains definitions of substate regions. *Section E* includes the population counts for persons aged 12 or older for each substate area and the combined 2002, 2003, and

¹ RTI International is a trade name of Research Triangle Institute.

2004 NSDUH sample sizes for these areas. Users may find these counts helpful in calculating the weighted average prevalence estimate for any combination of substate areas or to find counts of the number of people using a particular substance in a substate area. *Section F* lists the references.

In an appendix after Section F, we also present additional tables for three measures: past year cocaine use (low prevalence), past month marijuana use (moderate prevalence), and past month alcohol use (high prevalence). These tables show the region with the highest and the lowest prevalence estimate in each State and also the Bayes posterior probability for testing whether the two prevalences are significantly different from each other. For the 2002-2004 NSDUH response rates, see Appendix A of the 2003-2004 State report (Wright & Sathe, 2006).

A.3. Overview: Substate Areas, Ranking Areas, and Small Area Estimation Methods

The substate areas for each State were developed in a series of communications between SAMHSA staff and State treatment representatives in late 2005 and early 2006. The goal of the project was to provide substate-level estimates showing the geographic distribution of substance use prevalence for areas that States would find useful for treatment planning purposes.² The final substate region boundaries were based on the recommendations of each State's staff assuming the NSDUH sample sizes provided adequate precision. Most States defined areas in terms of counties or groups of counties. A few States defined the areas in terms of census tracts. Several States also requested that we provide estimates for aggregate planning regions along with the estimates for their substate planning regions. A few of these States wanted the maps to be produced for the aggregate regions instead of their substate planning regions. Hence, for each measure in this report, maps were produced for 340 planning regions (and not for 357 regions).

These 340 substate areas used in the maps have been ranked from lowest to highest on each outcome measure and divided into seven categories designed to represent distributions that are somewhat symmetric, like a normal distribution—but flatter. Colors were assigned to all areas such that the third having the lowest prevalence are in blue, the middle third are in white, and the third with the highest prevalence are in red. The only exceptions were the three perception-of-risk outcomes, which have the highest estimates represented in blue and the lowest represented in red. To further discriminate among the areas that display relatively higher prevalence, the "highest" third has been further divided into three categories: dark red for the 15 areas with the highest estimates, medium red for the 30 areas with the next highest, and light red for the 68 areas with the next highest. The "lowest" third is categorized in a similar way using three distinct shades of blue. Due to tied values of prevalence, the number of substate regions in each category may vary a little.

² These areas were defined by officials from each State, typically based on the substance abuse treatment planning areas specified by States in their applications for a SAPT Block Grant administered by SAMHSA. There is extensive variation in treatment planning areas across States. In some States, the planning areas are used more for administrative purposes rather than for planning purposes. In a number of States, the designated planning areas changed frequently in recent years. Because the estimation method required a minimum NSDUH sample size of 200 to provide adequate precision, planning areas with insufficient sample size were collapsed with adjacent areas until the minimum was obtained.

A companion piece to this report includes national tables of prevalence estimates for youths aged 12 to 17, young adults aged 18 to 25, and adults aged 26 or older for all measures (for substate areas having sufficient precision), as well as separate maps and tables showing the substate estimates for each State separately for all persons aged 12 or older. This companion piece is scheduled for posting to the OAS website as its parts become available. Check the SAMHSA website at <http://oas.samhsa.gov/geography.htm> for the projected date of availability.

Estimates in this report are based on hierarchical Bayes estimation methods that combine survey data with a national model. Applying this methodology to the State substance use measures has been shown to result in more precise estimates than using the sample-based results alone (Wright, 2002). The methodology used to produce estimates in this report is the same as that used to produce State estimates from the NSDUH data since 1999. Sample data have been combined across 3 years (2002-2004) in this report to improve the precision of substate area estimates. The estimate for each area is accompanied by a 95 percent PI (for more details, see Section B, Substate Region Estimation Methodology).

In addition to the substate area estimates, comparable estimates are provided for the 50 States and the District of Columbia using the same methodology. Because these estimates are based on 3 years of data, they are not directly comparable with the State estimates in earlier reports that are based on only 2 consecutive years. However, if a national map based on the substate areas for 2002-2004 is compared with one of the national maps based on 2003-2004 data, it can be seen that most of the States with significant areas in dark red correspond to States that were in the highest fifth in 2003-2004. For example, in 2003-2004, the 10 States with the highest State estimates of past month use of marijuana among persons aged 12 or older were Alaska, Maine, Massachusetts, Montana, New Hampshire, New Mexico, New York, Oregon, Rhode Island, and Vermont. Based on the 2002-2004 substate maps, seven of those States display at least one area in the highest category (dark red on the map), and the remaining three had one or more areas in the second highest category (medium red on the map).

Because the SAE methods used here tend to borrow strength from both the national model and the State-level random effects, estimates for substate areas with sample sizes that were closer to the minimum (200) tend to be shrunk more toward the corresponding State prevalence estimate than substate areas with large sample sizes. This methodology tends to cluster the small sample substate estimates around their State means. Relatively high estimates for small substate areas tend to be pulled down, while relatively low estimates tend to be pulled up. On the other hand, for areas with large sample sizes, the methodology produces estimates that are close to the weighted average of the sample data. In addition, the estimates have been made design consistent so that as the sample size for an area increases, the estimate approaches the true population value.

A.4. Comparability with Past Estimates

The prior substate report was based on the combined set of 1999-2001 surveys (OAS, 2005). In 2002, a number of methodological changes were introduced, including a \$30 incentive for participating in the survey, additional training to encourage the adherence to survey protocols, and a change of the survey name from the National Household Survey on Drug Abuse to NSDUH, its current name. Collectively, these changes had significant effects on the survey

responses and a significant increase in the overall response rate. The impact was a significant increase in the prevalence estimates for most substance use measures, more than could be attributed to secular trends in drug use. For example, lifetime use of any illicit drug for persons aged 12 or older went from 42 percent in 2001 to 46 percent in 2002 (OAS, 2002, 2003).

Because of the changes in the survey that took place in 2002, estimates for 2002-2004 are not comparable with estimates for 1999-2001, and it is not possible to separate the effect of the methodological changes from the true trends in substance use. Therefore, one should not conclude that any differences between estimates from 1999-2001 and 2002-2004 represent true changes. Also, there were many changes in the definitions of substate planning areas between those years that result in a greater lack of comparability between the two sets of estimates for the affected areas. The following 16 States made major changes in substate areas: Delaware, Georgia, Kansas, Maine, Maryland, Mississippi, Missouri, New Hampshire, New Jersey, New Mexico, New York, Pennsylvania, South Dakota, Texas, West Virginia, and Wyoming. For example, Maryland now has seven areas as compared with three areas specified for the 1999-2001 estimates, and none of the areas is the same for the two time periods. Another 10 States made fairly minor changes: Colorado, Hawaii, Indiana, Iowa, Louisiana, Michigan, Montana, Ohio, Oklahoma, and Wisconsin. The remaining 24 States and the District of Columbia did not change their definitions of substate areas.

Looking at the 24 States and District of Columbia that did not change any of their substate area definitions, their areas account for 149 of the total 357 areas in the Nation. If we consider marijuana, in 1999-2001, nationally 5.1 percent of all persons aged 12 or older indicated they had used it in the past month. For 2002-2004, the estimate for the same population was 6.1 percent. The difference of 1.0 percent might all be due to methodological differences, all be due to real change, or represent some combination of the two. If we focus on the period from 2001 to 2002 representing the timing of the methodological changes, the national estimates for those 2 years were 5.4 and 6.2 percent, respectively, a difference of +0.8 percent (see 2001 and 2002 detailed tables). As just discussed, the difference between the two estimates cannot be interpreted as the true change between the two periods; nevertheless, it is useful to note the impact of the national difference on individual differences at the planning area level. Of the 149 differences among the States that did not change definitions, 124 of them were positive and 25 were negative. Those differences ranged from -2.5 to +3.8 percent. The distribution of the differences across the planning areas probably results from varying degrees of the effect of the methodological changes as well as varying levels of secular change between the two time periods.

Despite the differences in the two time periods, methodological changes affecting prevalence estimates, and changes in the definitions of many of the substate planning areas, six of the areas that were in the highest group in 1999-2001 for past month use of marijuana were also in the highest group for 2002-2004. In addition, of the eight States with one or more areas in the highest group based on the 1999-2001 data, seven of them also had one or more areas with the highest rates based on the 2002-2004 data (California, District of Columbia, Hawaii, Massachusetts, Oregon, Rhode Island, and Vermont). Therefore, there is a degree of continuity in the rankings over time, even though the size of the difference for a specified area cannot be said to represent the true secular trend.

A.5. Discussion of Findings

A.5.1. Illicit Drug Use

During 2002-2004, 8.1 percent of persons in the United States aged 12 or older had used an illicit drug in the past month. West Kansas and Utah County, Utah, reported the lowest rates at 5.0 percent, and the highest rate (13.6 percent) was reported by northern California (Region 1) (the 14 northernmost counties). The highest 15 areas were dispersed among 10 States, with Alaska accounting for 3 areas and Michigan accounting for 3 areas. In the top 15 areas, 11 were metropolitan areas or parts of a metropolitan area; of those 11 areas, 4 were single-county areas (U.S. Census Bureau, 2006). Of the 15 areas with the lowest rates of illicit drug use in the past month, 6 of them were from four Midwestern States: Iowa, Kansas, Nebraska, and South Dakota. Moreover, South Dakota had three eastern regions (Regions 4, 5, and 6) among those with the lowest rates of illicit drug use. It is important to note that these estimates are based on a sample, and a different sample could result in slightly different high and low areas. For example, California's Region 1 had the highest rate of past month illicit drug use (13.6 percent) of any substate area in the Nation. It can be stated with 95 percent certainty that the true value for Region 1 falls between 10.6 and 17.2 percent (based on the tables in Appendix C that include the 95 PIs). However, note that California's Region 1 may not truly have the highest rate of past month use of illicit drugs, but the probability that it is truly in *the top 15 areas* is 83 percent.

Marijuana is the most commonly used illicit drug, and many of the areas having a high rate of illicit drug use reported similarly high rates of marijuana use. The correlation between past month use of any illicit drug and past month marijuana use at the planning area level was 0.95. Nine of the areas in the lowest 15 for marijuana were the same as those for any illicit drug use, and 11 of the highest 15 areas for marijuana use were the same as for any illicit drug use. In 2002-2004, 6.1 percent of persons 12 or older used marijuana in the past month, and 10.7 percent of persons 12 or older had used marijuana in the past year. The rankings for past month use of marijuana were very similar to those for past year use of the substance (e.g., 11 of the highest 15 areas were the same for past month use as for past year use). Most first users of marijuana were between the ages of 12 and 25. Less than 2 percent (1.8 percent) of persons aged 12 or older had used marijuana for the first time in 2002-2004. Because new use of marijuana usually occurs by age 25 and the percentage of persons initiating it is fairly small relative to past month use of marijuana, the areas that rank the highest and lowest on these two measures tend to be different. For example, only 3 areas among the 15 highest rates for past month use of marijuana also were included in the top 15 for first use of marijuana: Southeast Alaska, Montana (Region 5), and Rhode Island's Washington County.

At the individual level, the perceived risk of using a substance is often highly correlated with whether or not a person actually uses the substance. Among persons aged 12 or older, 39.3 percent perceived a great risk of using marijuana once a month during 2002-2004. Among the 15 areas with the lowest perceived risk of occasional use of marijuana, 6 areas reported the highest level of past month marijuana use.

Nationally, 3.6 percent of persons aged 12 or older had used an illicit drug other than marijuana in 2002-2004 in the past month. Illicit drugs other than marijuana include cocaine (and crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used

nonmedically. Past month use of these substances ranged from a low of 2.6 percent in Montgomery County, Maryland, to a high of 5.1 percent in the Bluegrass, Comprehend, and North Key region of Kentucky. Of the 15 areas with the highest rates of use of an illicit drug other than marijuana in the past month, 9 of them were accounted for by six States in the West: Arizona, California, Colorado, New Mexico, Oregon, and Wyoming. Also, Colorado, Kentucky, and New Mexico each had more than 1 area among the top 15. Of the 15 areas with the lowest rates, 10 occurred in five States from the Midwest: Iowa, Kansas, Minnesota, North Dakota, and South Dakota.

The national prevalence rate for the use of cocaine in the past year among all persons aged 12 or older was 2.5 percent. Because cocaine is one of the substances included in the "any illicit drug other than marijuana" category, it is useful to compare the ranking of the substate areas with respect to these two measures. The statistical correlation between these measures across the substate areas was 0.56. Among the 15 areas with the lowest rates for past month use of any illicit drug other than marijuana, 5 also were ranked in the lowest 15 for cocaine use in the past year. Similarly, only 5 areas in the group with the highest rates for cocaine also were ranked in the highest group for past month use of an illicit drug other than marijuana. The 5 areas that were common to the top 15 for both measures included the 4 areas with the highest estimates of past year cocaine use: Pima County, Arizona; Regions 2 and 7, Colorado; Region 3 (Bernalillo County), New Mexico; and Washington County, Rhode Island.

Over the 2002-2004 period, an average of 4.8 percent of all persons aged 12 or older had used a pain reliever for nonmedical use within the past year. Estimates ranged from a low of 2.4 percent in the District of Columbia (Ward 7) to 7.7 percent in the Bluegrass, Comprehend, and North Key region of Kentucky. Both Kentucky and Oregon had more than 1 area among the highest 15 prevalence rates. In the areas with the 15 lowest rates, three States (Iowa, Maryland, and South Dakota) and the District of Columbia contained more than a single area and together accounted for 13 of the 15 areas.

A.5.2. Alcohol Use

Alcohol is the most commonly used substance in the United States. Nationally, about half (50.4 percent) of Americans aged 12 or older reported past month use of alcohol in 2002-2004. Utah County, Utah, had the lowest rate of any area in the Nation (19.8 percent). The District of Columbia (Ward 3) had the highest rate (74.7 percent). The 15 areas with the highest rates were spread across 12 States; however, the 15 areas with the lowest rates only comprised 6 States, resulting in relatively more clustering among the areas with the lowest rates. Among the highest 15 rates of past month alcohol use, 8 areas were in States in the Northeast, 5 were in the Midwest, and 2 were in the District of Columbia.

Binge alcohol use is defined as drinking five or more drinks on the same occasion (i.e., at the same time or within a couple hours of each other) on at least 1 day in the 30 days prior to the survey. Binge alcohol use was reported by 22.8 percent of persons aged 12 or older during the period. The association of binge alcohol use with past month use of alcohol at this geographic level appeared to be low to moderate when one just looks at how many of the lowest or highest areas the two measures have in common. Eight of the lowest areas for binge use of alcohol were the same as those for alcohol use, but only four areas were the same for the highest rates. The

statistical correlation among all 357 substate areas, however, was 0.72. The lowest rates encompassed all of the six planning areas in Utah and six of the seven planning areas in Tennessee. North Dakota, South Dakota, and Wisconsin accounted for the majority of the areas with the highest rates.

Perceptions of the risk of binge drinking were moderately inversely related to the actual rates of binge drinking. Areas that did not perceive much of a risk of binge drinking had high rates of past month binge use of alcohol and vice versa (the correlation was -0.65). However, among the areas with the highest rates of binge use of alcohol, only six were in the lowest group for perceptions of risk. Furthermore, among the areas with the lowest rates of binge use of alcohol, only two areas also had the highest perception of risk of its use.

The District of Columbia's Ward 7 reported the lowest rate of binge drinking (10.4 percent) among persons aged 12 to 20 (i.e., underage alcohol users). The highest rate among the 340 substate areas was in the Northeast region of North Dakota (36.1 percent). Underage binge use of alcohol was highly associated with rates of binge alcohol use in the general population aged 12 or older (the correlation was 0.78).³ However, only 8 of the areas were the same among the highest 15, and only 4 were the same among the lowest 15.

Underage alcohol use rates among the 357 substate areas also were highly correlated (0.76) with the rates of alcohol use in the general population aged 12 or older (see footnote 3). Again, only fewer than half of the 15 highest and 15 lowest rates were common to past month alcohol use and past month underage alcohol use.

A.5.3. Tobacco Use

In 2002-2004, about 30 percent of all persons aged 12 or older used tobacco in the past month. Tobacco is the second most commonly used substance in the United States next to alcohol. NSDUH includes a series of questions on the use of several tobacco products, including cigarettes, smokeless tobacco, cigars, and pipe tobacco. All of the substate areas with the 15 lowest rates of past month tobacco use were in California and Utah, with the exception of Montgomery County, Maryland. The lowest rate of past month tobacco use occurred in Utah County, Utah (15.2 percent). Kentucky and West Virginia accounted for 9 of the 15 areas with the highest rates of past month tobacco use. The two highest areas were in Kentucky: Communicare and River Valley (42.0 percent); and Kentucky River, Mountain and Pathways (43.4 percent).

Because cigarettes are the major tobacco product, most of the areas with high tobacco use also had high rates of cigarettes. Of the 15 areas with the lowest rates for tobacco use, 13 of them were also in the lowest 15 for cigarette use; and in the top 15, 10 of the areas were the same. During 2002-2004, the national rate of past month cigarette use was 25.5 percent. Among all persons aged 12 or older, the highest rate of past month cigarette use among persons 12 or older was in Kentucky's Kentucky River, Mountain, and Pathways region (37.5 percent). The

³ Because the measures for alcohol use and binge alcohol use and underage alcohol use and binge alcohol use cover a portion of the same population, this correlation is inflated somewhat compared with one in which the ages covered are disjoint. A correlation that would compare persons aged 12 to 20 with those aged 21 or older would give a truer picture of the "independent" correlation of those two groups.

perceived risk of heavy smoking (smoking one or more packs of cigarettes per day) was negatively correlated with past month use of cigarettes (-0.80) as expected.

A.5.4. Substance Dependence, Abuse, and Treatment Need

NSDUH includes a series of questions to assess the prevalence of substance use disorders (i.e., dependence on or abuse of a substance) in the past 12 months. Substances include alcohol and illicit drugs, such as marijuana, cocaine, heroin, hallucinogens, and inhalants, and the nonmedical use of prescription-type psychotherapeutic drugs. These questions are used to classify persons as being dependent on or abusing specific substances based on criteria specified in the *Diagnostic and Statistical Manual of Mental Disorders*, 4th edition (DSM-IV) (American Psychiatric Association [APA], 1994). The questions on dependence ask about health and emotional problems, attempts to cut down on use, tolerance, withdrawal, and other symptoms associated with substances used. The questions on abuse ask about problems at work, home, and school; problems with family or friends; physical danger; and trouble with the law due to substance use. Dependence reflects a more severe substance problem than abuse, and persons are classified with abuse of a particular substance only if they are not dependent on that substance.

Nationally, 7.7 percent of the population aged 12 or older was classified with being dependent on or having abused alcohol in the past year in 2002-2004. Alcohol dependence or abuse levels among all the substate areas tended to be highly correlated with the levels of past month binge alcohol use (0.79). Of the top 15 substate areas for binge alcohol use, 9 areas were also in the top 15 for alcohol dependence or abuse.

In 2002–2004, past year alcohol dependence or abuse varied from a low of 5.4 percent in southern Utah (Central, Four Corners, San Juan, and Southwest region) and north central Florida (District 13) to a high of 13.5 percent in south central Wyoming (Judicial District 2). Of the 15 substate areas with the highest rates of past year alcohol dependence or abuse, most were in States in the West and Midwest (Montana, Nebraska, New Mexico, North Dakota, South Dakota, Wisconsin, and Wyoming). The District of Columbia and Rhode Island also were represented in the top 15. The District of Columbia, North Dakota, South Dakota, and Wisconsin all had more than 1 of its substate areas in the top 15. Only 4 of the top 15 substate areas for alcohol dependence or abuse were also in the top 15 for illicit drug dependence or abuse: the District of Columbia's Wards 1 and 2, Region 3 (Bernalillo County) in New Mexico, and Washington County in Rhode Island. The correlation among the substate areas between alcohol dependence or abuse and illicit drug dependence or abuse was only 0.26. In 2002-2004, 3.0 percent of persons aged 12 or older were dependent on or had abused illicit drugs in the past year. The rates among areas ranged from a low of 2.2 percent in Florida's District 13, Illinois's Region IV, Pennsylvania's Regions 17, 24, 27, 43, and 47, and South Dakota's Region 6 to 4.4 percent in Washington's Ward 8. The District of Columbia, New Mexico, and Rhode Island together accounted for 11 of the top 15 substate areas.

The national rate in 2002-2004 for past year dependence on or abuse of alcohol or illicit drugs among persons aged 12 or older was 9.3 percent. Substate areas that were ranked high for past year dependence on or abuse of alcohol also tended to be ranked high for dependence on or abuse of alcohol or illicit drugs because alcohol accounts for most of the substance dependence or abuse. For example, 11 of the top 15 areas for alcohol dependence or abuse were in the top 15

for alcohol or illicit drug dependence or abuse. The area with the highest rate of alcohol or illicit drug dependence or abuse (15.0 percent) was Judicial District 2 in Wyoming; and the Central, Four Corners, San Juan, and Southwest region in southern Utah had the lowest rate in the Nation (6.4 percent).

The definition of a person needing but not receiving treatment for an illicit drug use problem is that the person meets the criteria for abuse of or dependence on illicit drugs according to the DSM-IV, but has not received specialty treatment for an illicit drug problem in the past year. Specialty treatment is treatment received at a drug and alcohol rehabilitation facility (inpatient or outpatient), hospital (inpatient only), or mental health center. In 2002-2004, 2.7 percent of persons aged 12 or older needed treatment for an illicit drug use problem in the past year, but did not receive it. Two substate areas were tied for the lowest rate in the Nation (1.9 percent): in Maryland (Montgomery County) and in southwestern Pennsylvania (Regions 17, 24, 27, 43, and 47). The area with the highest rate in the Nation (4.0 percent) was in southwestern New Mexico (Region 5).

Only New Mexico and the District of Columbia had more than one area among those with the highest rates of needing but not receiving treatment for illicit drug use problems. The top 15 areas were not very clustered relative to other measures and represented 11 different States. Needing but not receiving treatment for illicit drug use problems had a correlation of 0.72 with past month use of any illicit drug.

In 2002-2004, the percentage of persons aged 12 or older needing but not receiving treatment for alcohol use problems was more than twice as large (7.3 percent) as the percentage for illicit drug use problems. Generally, the areas with the highest rates of untreated alcohol use problems were not the same as those areas with untreated illicit drug use problems. Only Wards 1 and 2 in the District of Columbia and Bernalillo County in New Mexico, were among the top 15 for both measures. Wyoming's Judicial District 2 had a rate of 13.7 percent, the highest in the Nation. Needing but not receiving treatment for alcohol use problems had a lower correlation (0.57) with past month alcohol use than needing but not receiving treatment for illicit drug use problems did with past month illicit drug use.

A.5.5. Serious Psychological Distress among Adults

In 2002-2004, serious psychological distress (SPD) was present in 9.2 percent of persons aged 18 or older. For details on how SPD was measured in 2002, 2003, and 2004, refer to Section B.6 of this report and Section A.7 in Appendix A of the 2003-2004 SAE report (Wright & Sathe, 2006). The top 15 areas with the highest rates of SPD included 5 areas from West Virginia; the other States with more than 1 area among the top 15 were Rhode Island and Oklahoma. Southern I and III region in West Virginia had the highest rate (13.7 percent) of SPD. In the most recent State report (Wright & Sathe, 2006), the State with the highest rate for SPD was also West Virginia (12.7 percent).

A.6. Conclusions and Caveats

In Section A, the discussion covered 22 substance use measures organized into 5 broad areas: illicit drugs, alcohol (including the two underage drinking outcomes), cigarettes,

dependence and abuse and need for treatment, and SPD. The discussion was primarily limited to providing the range of rates from lowest to highest, any State-level clustering of substate areas in the lowest 15 or the highest 15 group of substate areas, and correlations among measures that are related in some way or that might appear to be related. Generally, when the "highest" or "lowest" areas have been cited, the main purpose has been to indicate the range of estimates rather than to identify the substate area because these estimates have been based on sample data fitted to a national model (as described earlier), and this uncertainty is reflected in the PIs, which can be quite large relative to the size of the estimate itself. For example, it was noted earlier that the highest estimate for past month use of any illicit drug was 13.6 percent for the northern portion of California (Region 1). The 95 percent PI for that estimate was from 10.6 to 17.2 percent. Therefore, the description of an area as lowest or highest could be interpreted more generally as having an estimate that is "among the lowest" or "among the highest." It is even more important to consider the uncertainty in the estimated prevalence estimates when "ranking" estimates *within* each State because the 95 percent PI can be quite large in comparison with the range of estimates within a State.

The range of estimates within a State is a function of the range of true population values across the State, the sample size of each substate area, and consequently the number of substate planning areas in a State relative to its sample size. Therefore, the 8 States with the largest population, which have an average of just over 14 substate areas, tended to have a wider range of estimates than the small States, which average just over 5.5 substate areas. The average range within the 8 most populous States across their substate areas for past month alcohol use was 17.6 percent. For past month use of cigarettes, the analogous average range was 7.1 percent; for past month marijuana use across the substate areas within each of the 8 largest States, the average range was 4.4 percent. As one can see, the substance measures with higher prevalence estimates, such as past month alcohol use (with a national rate of 50.4 percent for 2002-2004), display a greater range of estimates than those for past month cigarette use (25.5 percent for the same period) or past month marijuana use (6.1 percent for the same period). Therefore, the range within States is not only a function of the number of areas, but also a function of the prevalence rate level of the substance measure. Smaller States tend to have reduced ranges both due to having fewer substate areas within the State and because those areas with low substate sample sizes are pulled more toward the State mean prevalence rate. The average ranges within the small States for past month alcohol, cigarette, and marijuana use were 11.6, 4.4, and 2.5 percent, respectively.

The tables in Section C present the estimates and the 95 percent PIs as a guide to help determine the precision of the estimates. In an appendix at the end of Section F, we also present additional tables for three measures: past year cocaine use (low prevalence), past month marijuana use (moderate prevalence), and past month alcohol use (high prevalence). These tables show the region with the highest and the lowest estimate in each State and also the Bayes posterior probability for testing whether the two prevalences are significantly different from each other. For details on how these tests were conducted, see the appendix.

Referring to Table T1 in the appendix for past year cocaine use, Alabama's Region 1 had a low estimate of 1.9 percent and a high estimate of 2.5 percent in Region 2. These two prevalences are not statistically different at the 0.05 level of significance, as can be seen from its *p* value of approximately 0.15. However, the low estimate of 1.8 percent in Alaska's Rural

substate area was statistically different from the high estimate (of 2.80 percent) in Alaska's Southeast area ($p = 0.047$). Seven of the eight most populous States displayed significantly different estimates (at the 0.05 level of significance) for cocaine in their highest and lowest areas. The average difference detected for those seven States was 1.4 percent. The difference for the other large State, Illinois, at 0.6 percent was not statistically significant.

Tables T2 and T3 for the other two measures, marijuana use and alcohol use, are similar. One can see from the tables that in moving from past year cocaine use to past month marijuana use and then to past month alcohol use, increasingly more States displayed significant differences. For past year cocaine use, of the 42 small sample States and the District of Columbia (that had an annual sample of about 900 persons), only 15 had a significant difference between the substate area with the lowest prevalence and the one with the highest prevalence rate. For past month use of marijuana, 27 of them showed significant differences, and for past month use of alcohol, 35 of the 43 had significant differences (at the 0.05 level of significance).

The precision of each estimate is partly a function of the sample size on which it is based. Substate area sample sizes range from approximately 200 persons up to 4,000 or more. For example, the estimates for Southwest Indiana are based on a sample of 203 (see Table E.1 in Section E). The 95 percent PI for the estimate of past month use of any illicit drug for Southwest Indiana (8.1 percent) is from 6.1 to 10.6 percent (see Table C.1 in Section C). The estimates for Cook County, Illinois, are based on a sample size of 4,348. The 95 percent PI for the same measure (8.8 percent) is from 7.8 to 9.9 percent. Therefore, the width of the PI for Cook County is less than half the width of the PI for Southwest Indiana because of its larger sample size, although the difference is not strictly proportional to the difference in sample sizes because the precision is also a function of the national model. Moreover, the precision is a function of the size of the prevalence estimate; therefore, if we look at past month cigarette use for the same two areas (see Table C.6 in Section C), the widths of the PIs for both areas are larger (e.g., Cook County is from 25.5 to 29.3 percent, a range of 3.8 percent, while that for Southwest Indiana is from 25.7 to 34.2 percent, a range of 8.5 percent).

Section B: Substate Region Estimation Methodology

This report includes substate region level estimates of 22 substance use measures (see Section B.2) using the combined data from the 2002, 2003, and 2004 National Surveys on Drug Use and Health (NSDUHs).

The survey-weighted hierarchical Bayes (SWHB) methodology used in the production of State estimates from the 1999-2004 surveys also was used in the production of the 2002-2004 substate estimates. The SWHB methodology is described by Folsom, Shah, and Vaish (1999). A brief discussion of the precision and validation of the estimates and interpretation of the predication intervals (PIs) is given in Section B.1. Section B.2 lists the 22 substance use measures for which substate-level small area estimates were produced. The list of predictors used in the 2002-2004 substate-level small area estimation (SAE) modeling is given in Section B.3. The methodology used to select relevant predictors is described in Section B.4. The goals of the SAE modeling, the general model description, and the implementation of SAE modeling remain the same and are described in Appendix E of the 2001 State report (Wright, 2003). A general model description is given in Section B.5. A short description of the calculation of the rate of first use of marijuana, serious psychological distress, and underage drinking is included in Section B.6.

Small area estimates obtained using the SWHB methodology are design consistent (i.e., for States or substates with large sample sizes, the small area estimates are close to the robust design-based estimates). The substate small area estimates when aggregated by using the appropriate population totals result in national small area estimates that are very close to the national design-based estimates. However, for many reasons, including internal consistency, it is desirable to have national small area estimates exactly match the national design-based estimates. Beginning in 2002, exact benchmarking was introduced (see Appendix A, Section A.4, in Wright & Sathe, 2005). The small area estimates presented here have been benchmarked to the national design-based estimates.

B.1. Precision and Validation of the Estimates

The primary purpose of this report is to give policy officials a better perspective on the range of prevalence estimates within and across States. Because the data were collected in a consistent manner by field interviewers who adhered to the same procedures and administered the same questions across all States and substate areas, the results are comparable across the 50 States and the District of Columbia.

The 95 percent PI associated with each estimate provides a measure of the accuracy of the estimate. It defines the range within which the true value can be expected to fall 95 percent of the time. For example, the prevalence of past month use of marijuana in Region 1 in Alabama is approximately 4.0 percent, and the 95 percent PI ranges from 3.0 to 5.3 percent. Therefore, the probability is 0.95 that the true value is within that range. The PI indicates the uncertainty due to both sampling variability and model bias. The key assumption underlying the validity of the PIs

is that the State- and substate-level error (or bias) terms in the models behave like random effects with zero means and common variance components.

A comparison of the standard errors (SEs) among substate areas with small ($n \leq 500$), medium ($500 < n \leq 1,000$), and large ($n > 1,000$) sample sizes for the 22 measures in this report shows that the small area estimates behave in predictable ways. Regardless of whether or not the substate area is from one of the eight States with a large annual sample size (3,000 to 4,000) or one of the other States ($n = 900$ annually), the sizes of the PIs are very similar and are primarily a function of the sample size of the substate area and the prevalence estimate of the measure. Substate areas with large sample sizes had the smallest SEs.

For past month use of alcohol, where the national prevalence for all persons aged 12 or older was 50.4 percent (for 2002-2004), the average relative standard error (RSE)⁴ was about 5.4 percent, and the RSE for substate areas with a sample size greater than 1,000 was about 3.4 percent. For substate areas with sample sizes between 500 and 1,000 records, the average RSE was 4.7 percent; for sample sizes smaller than 500, the RSE average was 6.0 percent.

For past month use of marijuana (with a national prevalence of 6.1 percent), the average RSE was 9.8 percent for substate areas with large samples. For medium sample sizes, the average RSE was 12.8 percent, and for samples smaller than 500, the RSE was 15.3 percent. Substance use measures with lower prevalences, such as past year use of cocaine (2.5 percent nationally), displayed larger average RSEs. For sample sizes greater than 1,000, the average RSE was 13.8 percent. For substate areas of medium sample sizes, the average RSE was 16.2 percent, and for samples smaller than 500, the average RSE was 17.8 percent.

The SAE methods used for substate regions in this report were previously validated for the NSDUH State-by-age group small area estimates (Wright, 2002). This validation exercise used direct estimates from pairs of large sample States ($n = 7,200$) as internal benchmarks. These internal benchmarks were compared with small area estimates based on random subsamples ($n = 900$) that mimicked a single year small State sample. The associated age group-specific small area estimates were based on sample sizes targeted at $n = 300$. Therefore, validation of the State-by-age group small area estimates should lend some validity to the small sample size substate small area estimates reported here.

B.2. Variables Modeled

Substate-level small area estimates were produced for the following set of 22 binary (0, 1) substance use measures, using the 2002-2004 NSDUHs:

1. past month use of any illicit drugs,
2. past month use of any illicit drug other than marijuana,
3. past month use of marijuana,
4. average annual rate of first use of marijuana,
5. perception of great risk of smoking marijuana once a month,
6. past year use of marijuana,

⁴ The RSE of an estimate is the posterior SE divided by the estimate itself.

7. past year use of cocaine,
8. past year nonmedical use of pain relievers,
9. past month use of alcohol,
10. past month binge alcohol use,
11. perception of great risk of having five or more drinks of an alcoholic beverage once or twice a week,
12. past month use of cigarettes,
13. past month use of any tobacco product,
14. perceptions of great risk of smoking one or more packs of cigarettes per day,
15. past year alcohol dependence,
16. past year any illicit drug dependence,
17. past year alcohol dependence or abuse,
18. past year any illicit drug dependence or abuse,
19. past year dependence on or abuse of any illicit drug or alcohol,
20. needing but not receiving treatment for illicit drug use in the past year,
21. needing but not receiving treatment for alcohol use in the past year, and
22. past year serious psychological distress (SPD).

In addition to the 22 measures listed above, estimates also have been produced for the underage use of alcohol and underage binge alcohol use.

B.3. Predictors Used in Logistic Regression Models

Local area data used as potential predictor variables in the mixed logistic regression models were obtained from several sources, including Claritas, the U.S. Census Bureau, the Federal Bureau of Investigation (FBI) (Uniform Crime Reports), Health Resources and Services Administration (Area Resource File), the Substance Abuse and Mental Health Services Administration (SAMHSA) (National Survey of Substance Abuse Treatment Services [N-SSATS]), and the National Center for Health Statistics (mortality data). The list of sources of data used in the modeling is provided below.

- *Claritas*. The demographic data package called Building Block Basic, Age by Race for 2002 with projections to 2007.
- *U.S. Census Bureau*. The 2000 census (demographic and socioeconomic variables) and 2002 food stamp participation rates.
- *Federal Bureau of Investigation*. Uniform Crime Report (UCR) arrest totals from <http://fisher.lib.Virginia.EDU/collections/stats/crime/> using the 2000, 2001, and 2002 data.
- *Health Resources and Services Administration*. Some variables relating to income and employment from the Area Resource File (ARF) February 2002, 2003, and 2004 releases from the Bureau of Health Professions, Office of Research and Planning.
- *National Center for Health Statistics*. Mortality data using International Classification of Diseases, 10th revision (ICD-10), 1999-2002; the ICD-10 death rate data from the National Center for Health Statistics at the Centers for Disease Control and Prevention.

- SAMHSA, *Office of Applied Studies*. National Survey of Substance Abuse Treatment Services (N-SSATS), formerly known as Uniform Facility Data Set (UFDS), 2000-2004 data on drug and alcohol treatment rates from Synectics for Management Decisions, Inc.

To obtain a detailed list of predictors, please see Appendix A, Section A.2, of the 2003-2004 State estimates report (Wright & Sathe, 2006).

B.4. Selection of Independent Variables for the Models

No new variable selection was done. The same fixed-effect predictors that were used in modeling the 2002-2003 and 2003-2004 State estimates were used to model the 2002-2004 substate estimates.

B.5. General Model Description

The model described here is similar to the logistic mixed hierarchical Bayes (HB) model that was used to produce the 1999-2001 substate small area estimates (Office of Applied Studies [OAS], 2005). The following model was used:

$$\log[\pi_{aijk} / (1 - \pi_{aijk})] = x'_{aijk} \beta_a + \eta_{ai} + v_{aij},$$

where π_{aijk} is the probability of engaging in the behavior of interest (e.g., to use marijuana in the past month) for person- k belonging to age group- a in substate region- j of State- i . Let x_{aijk} denote a $p_a \times 1$ vector of auxiliary variables associated with age group- a and β_a denote the associated vector of regression parameters. The age group-specific vectors of auxiliary variables are defined for every block group in the Nation and also include person-level demographic variables, such as race/ethnicity and gender. The vectors of random effects $\eta_i = (\eta_{1i}, \dots, \eta_{Ai})'$ and $v_{ij} = (v_{1ij}, \dots, v_{Aij})'$ are assumed to be mutually independent with $\eta_i \sim N_A(0, D_\eta)$ and $v_{ij} \sim N_A(0, D_v)$, where A is the total number of individual age groups modeled (generally $A = 4$). For HB estimation purposes, an improper uniform prior distribution is assumed for β_a , and proper Wishart prior distributions are assumed for D_η^{-1} and D_v^{-1} . The HB solution for π_{aijk} involves a series of complex Markov Chain Monte Carlo (MCMC) steps to generate values of the desired fixed and random effects from the underlying joint distribution. The basic process is described in Folsom et al. (1999), Shah, Barnwell, Folsom, and Vaish (2000), and Wright (2003).

Once the required number of MCMC samples for the parameters of interest are generated and tested for convergence properties (see Raftery & Lewis, 1992), the small area estimates for each age group by race/ethnicity by gender cell within a block group can be obtained. These block group-level small area estimates then can be aggregated using the appropriate population count projections to form substate- and State-level small area estimates for the desired age group(s). These small area estimates then are benchmarked to the national design-based estimates (see Appendix A, Section A.4, in Wright & Sathe, 2006).

B.6. Calculation of Average Annual Rate (Incidence) of First Use of Marijuana, Serious Psychological Distress, and Underage Drinking

Incidence rates typically are 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 rate definition per 100 person years of exposure used in this report is the result of a simpler definition based on the model-based methodology and is as follows:

$$\text{Average annual incidence rate} = 100 * \left[\frac{\text{Number of marijuana initiates in past 24 months}}{[(\text{Number of marijuana initiates in past 24 months} * 0.5) + \text{Number of persons who never used marijuana}]} \right] / 2.$$

For details on calculating the average annual rate of first use of marijuana, see Appendix A, Section A.5, of the 2003-2004 State estimates report (Wright & Sathe, 2006).

In 2004, SPD was measured using the K6 screening instrument for nonspecific psychological distress (Furukawa, Kessler, Slade, & Andrews, 2003; Kessler et al., 2003). In previous NSDUH reports, the K6 scale was referred to as a measure of serious mental illness (SMI). An adjusted measure of SPD was created in 2004. For details on how SPD was produced and adjusted for 2004, see Appendix A, Section A.7, of the 2003-2004 State estimates report (Wright & Sathe, 2006). For the purpose of producing substate-level estimates of SPD for this report, SMI data from 2002 and 2003 were pooled with data using the adjusted measure of SPD from 2004.

To obtain small area estimates for persons aged 12 to 20 for past month alcohol use and binge alcohol use, a separate set of models was fit for these two outcomes for the 12 to 17 age group and the 18 to 20 age group (similar to what was done for producing State estimates using the 2003-2004 NSDUH data). For details, refer to Appendix A, Section A.6, of the 2003-2004 State estimates report (Wright & Sathe, 2006).

Section C: Tables and Maps of Model-Based Estimates for Substate Regions

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
National	8.13		3.64	
Alabama	6.82	(5.87 - 7.91)	3.82	(3.19 - 4.56)
Region 1	6.19	(4.77 - 8.00)	3.52	(2.68 - 4.62)
Region 2	7.70	(6.21 - 9.52)	4.12	(3.20 - 5.29)
Region 3	6.73	(5.19 - 8.69)	3.85	(2.92 - 5.06)
Region 4	6.41	(5.04 - 8.12)	3.73	(2.85 - 4.86)
Alaska	12.28	(10.79 - 13.93)	4.01	(3.34 - 4.81)
Gulf Coast	12.30	(9.32 - 16.06)	3.72	(2.76 - 5.00)
Rural	11.60	(8.47 - 15.68)	3.30	(2.36 - 4.60)
Southeast	11.66	(8.92 - 15.11)	3.48	(2.59 - 4.65)
Urban	12.50	(10.76 - 14.47)	4.28	(3.45 - 5.29)
Arizona	8.48	(7.30 - 9.82)	4.41	(3.69 - 5.27)
Maricopa	8.33	(6.94 - 9.95)	4.42	(3.57 - 5.46)
Pima	9.00	(6.96 - 11.56)	4.65	(3.48 - 6.19)
Rural North	9.65	(7.40 - 12.50)	4.38	(3.23 - 5.91)
Rural South	7.36	(5.38 - 10.00)	4.07	(3.00 - 5.49)
Arkansas	7.61	(6.63 - 8.72)	3.87	(3.26 - 4.59)
Areas 1 and 5	7.51	(5.95 - 9.42)	3.77	(2.92 - 4.87)
Areas 2 and 3	6.59	(5.01 - 8.64)	3.71	(2.73 - 5.04)
Areas 4 and 7	7.60	(5.88 - 9.78)	4.27	(3.22 - 5.65)
Area 6	6.90	(5.22 - 9.06)	3.85	(2.93 - 5.05)
Areas 8 and 12	8.04	(6.17 - 10.40)	3.82	(2.86 - 5.08)
Area 9	9.17	(7.21 - 11.60)	4.09	(3.09 - 5.41)
Areas 10, 11, and 13	6.54	(5.00 - 8.51)	3.46	(2.60 - 4.61)
California	9.13	(8.43 - 9.89)	3.80	(3.41 - 4.25)
Region 1	13.56	(10.60 - 17.18)	4.56	(3.46 - 5.99)
Region 2	10.95	(9.03 - 13.23)	4.17	(3.25 - 5.34)
Region 3	10.04	(8.03 - 12.49)	4.17	(3.22 - 5.39)
Region 4	10.98	(8.64 - 13.84)	3.79	(2.85 - 5.02)
Region 5	10.85	(8.82 - 13.27)	4.12	(3.13 - 5.40)
Region 6 (Santa Clara)	7.23	(5.60 - 9.29)	3.10	(2.37 - 4.05)
Region 7	11.01	(8.34 - 14.39)	4.42	(3.34 - 5.83)
Region 8	8.13	(6.43 - 10.24)	3.93	(3.08 - 5.01)
Region 9	10.13	(7.86 - 12.96)	4.41	(3.34 - 5.79)
Region 10	10.09	(7.95 - 12.73)	4.07	(3.16 - 5.23)
Region 11 (Los Angeles)	8.15	(7.06 - 9.38)	3.78	(3.13 - 4.56)
Region 12	8.14	(6.46 - 10.20)	3.59	(2.79 - 4.62)
Region 13 (Riverside)	7.61	(5.94 - 9.69)	3.23	(2.42 - 4.29)
Region 14 (Orange)	8.42	(6.90 - 10.23)	3.33	(2.61 - 4.24)
Region 15	8.54	(7.03 - 10.35)	3.65	(2.85 - 4.65)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Colorado	10.48	(9.15 - 11.98)	4.61	(3.87 - 5.48)
Region 1	9.04	(7.11 - 11.44)	4.53	(3.44 - 5.93)
Regions 2 and 7	11.25	(9.48 - 13.32)	4.73	(3.81 - 5.87)
Region 3	9.78	(7.63 - 12.46)	4.57	(3.41 - 6.10)
Region 4	8.74	(6.46 - 11.72)	4.35	(3.12 - 6.02)
Regions 5 and 6	10.01	(7.70 - 12.91)	4.29	(3.15 - 5.81)
Connecticut	8.52	(7.43 - 9.76)	3.33	(2.79 - 3.97)
Eastern	9.07	(7.03 - 11.64)	3.94	(3.01 - 5.15)
North Central	8.61	(6.87 - 10.73)	3.24	(2.44 - 4.31)
Northwestern	10.20	(8.00 - 12.93)	3.33	(2.54 - 4.36)
South Central	8.43	(6.81 - 10.39)	3.39	(2.60 - 4.41)
Southwest	6.65	(5.07 - 8.68)	2.98	(2.23 - 3.99)
Delaware	8.51	(7.52 - 9.61)	3.91	(3.33 - 4.60)
Kent	8.17	(6.37 - 10.44)	4.25	(3.21 - 5.60)
New Castle (excluding Wilmington city)	8.97	(7.74 - 10.38)	3.99	(3.29 - 4.83)
Sussex	6.98	(5.45 - 8.91)	3.56	(2.66 - 4.74)
Wilmington City	9.84	(7.41 - 12.96)	3.73	(2.73 - 5.06)
District of Columbia	10.37	(8.98 - 11.95)	3.73	(3.06 - 4.54)
Ward 1	12.85	(9.84 - 16.61)	4.34	(3.10 - 6.05)
Ward 2	11.84	(9.14 - 15.21)	4.88	(3.61 - 6.56)
Ward 3	9.73	(7.51 - 12.51)	3.82	(2.80 - 5.19)
Ward 4	7.73	(5.68 - 10.44)	2.86	(1.98 - 4.11)
Ward 5	9.54	(7.32 - 12.34)	3.43	(2.42 - 4.82)
Ward 6	10.75	(8.00 - 14.31)	3.53	(2.49 - 5.00)
Ward 7	10.10	(7.66 - 13.21)	3.32	(2.35 - 4.67)
Ward 8	10.56	(8.25 - 13.42)	3.48	(2.52 - 4.80)
Florida	8.36	(7.73 - 9.04)	3.68	(3.28 - 4.13)
District 1	9.63	(7.61 - 12.12)	4.43	(3.41 - 5.74)
District 2	10.70	(8.64 - 13.18)	3.90	(3.03 - 5.01)
District 3	9.98	(8.04 - 12.32)	4.19	(3.28 - 5.34)
District 4	9.60	(7.91 - 11.60)	4.03	(3.15 - 5.13)
District 7	8.91	(7.50 - 10.54)	3.85	(3.12 - 4.74)
District 8	6.09	(4.72 - 7.82)	3.15	(2.37 - 4.17)
District 9 (Palm Beach)	7.92	(6.34 - 9.86)	3.40	(2.57 - 4.49)
District 10 (Broward)	8.65	(7.09 - 10.52)	3.74	(2.92 - 4.77)
District 11	7.21	(5.97 - 8.69)	3.31	(2.61 - 4.19)
District 12	8.19	(6.49 - 10.28)	3.72	(2.84 - 4.87)
District 13	5.29	(4.02 - 6.91)	3.03	(2.22 - 4.12)
District 14	7.53	(5.88 - 9.61)	3.60	(2.76 - 4.67)
District 15	6.93	(5.31 - 9.00)	3.42	(2.53 - 4.62)
Suncoast	9.42	(8.04 - 11.02)	3.94	(3.23 - 4.80)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Georgia	7.89	(6.80 - 9.15)	3.81	(3.16 - 4.58)
Region 1	6.04	(4.55 - 7.97)	3.67	(2.75 - 4.88)
Region 2	7.18	(5.53 - 9.27)	3.99	(3.02 - 5.25)
Region 3	9.29	(7.59 - 11.32)	3.88	(3.00 - 5.01)
Region 4	7.06	(5.32 - 9.31)	3.74	(2.76 - 5.06)
Region 5	7.12	(5.33 - 9.43)	3.61	(2.69 - 4.82)
Hawaii	8.68	(7.40 - 10.16)	3.16	(2.55 - 3.91)
Hawaii Island	10.68	(7.99 - 14.13)	3.32	(2.38 - 4.61)
Honolulu	7.47	(6.23 - 8.94)	3.12	(2.44 - 3.97)
Kauai and Maui	12.64	(9.41 - 16.77)	3.24	(2.34 - 4.46)
Idaho	6.82	(5.89 - 7.88)	3.47	(2.89 - 4.17)
Region 1	7.23	(5.47 - 9.51)	3.44	(2.53 - 4.66)
Region 2	8.45	(6.42 - 11.04)	3.57	(2.65 - 4.80)
Region 3	6.34	(4.84 - 8.27)	3.35	(2.50 - 4.47)
Region 4	7.27	(5.79 - 9.09)	3.69	(2.84 - 4.79)
Region 5	6.45	(4.90 - 8.46)	3.25	(2.41 - 4.38)
Region 6	6.63	(4.99 - 8.75)	3.58	(2.67 - 4.79)
Region 7	5.36	(3.94 - 7.26)	3.24	(2.39 - 4.38)
Illinois	7.58	(6.96 - 8.24)	3.29	(2.92 - 3.70)
Region I (Cook)	8.77	(7.79 - 9.86)	3.47	(2.90 - 4.15)
Region II	6.85	(5.94 - 7.88)	3.22	(2.68 - 3.86)
Region III	6.75	(5.68 - 8.00)	3.01	(2.41 - 3.75)
Region IV	6.26	(5.09 - 7.69)	3.23	(2.54 - 4.11)
Region V	6.44	(5.37 - 7.71)	3.07	(2.45 - 3.84)
Indiana	7.77	(6.77 - 8.91)	3.55	(3.02 - 4.18)
Central	8.62	(6.87 - 10.76)	3.78	(2.92 - 4.89)
East	8.01	(6.06 - 10.50)	3.69	(2.78 - 4.88)
North Central	8.05	(6.25 - 10.32)	3.38	(2.55 - 4.46)
Northeast	6.03	(4.47 - 8.08)	3.08	(2.29 - 4.13)
Northwest	7.23	(5.46 - 9.52)	3.20	(2.40 - 4.26)
Southeast	6.40	(4.83 - 8.43)	3.21	(2.42 - 4.25)
Southwest	8.07	(6.10 - 10.60)	3.92	(2.91 - 5.25)
West	8.56	(6.64 - 10.99)	4.00	(3.06 - 5.22)
Iowa	5.99	(5.10 - 7.03)	2.92	(2.36 - 3.60)
Central	6.11	(4.61 - 8.07)	2.98	(2.15 - 4.11)
North Central	6.76	(5.11 - 8.90)	3.10	(2.30 - 4.19)
Northeast	6.01	(4.73 - 7.62)	2.88	(2.14 - 3.85)
Northwest	5.08	(3.75 - 6.84)	2.66	(1.94 - 3.64)
Southeast	6.31	(4.83 - 8.19)	2.97	(2.23 - 3.95)
Southwest	5.71	(4.13 - 7.84)	3.02	(2.16 - 4.21)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kansas	6.42	(5.49 - 7.51)	2.93	(2.40 - 3.58)
Kansas City Metro	6.96	(5.55 - 8.68)	2.90	(2.22 - 3.78)
Northeast	5.99	(4.60 - 7.76)	2.88	(2.11 - 3.91)
South Central	6.36	(4.75 - 8.46)	2.96	(2.16 - 4.06)
Southeast	6.04	(4.40 - 8.23)	3.03	(2.20 - 4.15)
West	4.99	(3.68 - 6.72)	2.71	(1.95 - 3.76)
Wichita (Sedgwick)	7.20	(5.47 - 9.42)	3.15	(2.32 - 4.27)
Kentucky	8.96	(7.80 - 10.27)	4.47	(3.77 - 5.31)
Adanta, Cumberland River, and Lifeskills	6.43	(4.89 - 8.40)	4.01	(3.07 - 5.22)
Bluegrass, Comprehend, and North Key	10.33	(8.45 - 12.57)	5.10	(3.96 - 6.56)
Communicare and River Valley	8.54	(6.42 - 11.27)	4.10	(3.08 - 5.44)
Four Rivers and Pennyroyal	7.78	(5.78 - 10.40)	4.08	(2.97 - 5.60)
Kentucky River, Mountain, and Pathways	7.91	(5.96 - 10.44)	4.60	(3.47 - 6.06)
Seven Counties	10.51	(8.40 - 13.09)	4.32	(3.31 - 5.61)
Louisiana	7.98	(7.00 - 9.08)	4.03	(3.45 - 4.70)
Region 1	9.88	(7.60 - 12.77)	3.78	(2.82 - 5.05)
Regions 2 and 9	8.18	(6.62 - 10.08)	4.33	(3.41 - 5.48)
Region 3	7.57	(5.70 - 9.99)	4.03	(3.07 - 5.28)
Region 4	7.45	(5.77 - 9.57)	4.00	(3.05 - 5.23)
Regions 5 and 6	6.63	(5.10 - 8.57)	3.75	(2.86 - 4.90)
Regions 7 and 8	7.63	(6.08 - 9.53)	4.04	(3.11 - 5.22)
Region 10 (Jefferson)	8.47	(6.36 - 11.18)	4.00	(2.98 - 5.34)
Maine	9.26	(8.07 - 10.61)	3.65	(3.06 - 4.34)
Planning Region 1	9.39	(7.84 - 11.21)	3.71	(2.96 - 4.63)
Region 1 (Cumberland)	10.55	(8.49 - 13.05)	3.82	(2.91 - 5.01)
Region 2 (York)	7.75	(5.96 - 10.03)	3.54	(2.67 - 4.68)
Planning Region 2	9.27	(7.79 - 10.99)	3.59	(2.92 - 4.40)
Region 3	10.50	(8.32 - 13.18)	3.74	(2.87 - 4.87)
Region 4	8.61	(6.55 - 11.24)	3.48	(2.54 - 4.74)
Region 5	8.03	(6.12 - 10.47)	3.45	(2.53 - 4.71)
Planning Region 3	9.07	(7.41 - 11.06)	3.67	(2.91 - 4.62)
Region 6 (Penobscot)	10.38	(8.19 - 13.06)	4.05	(3.07 - 5.32)
Region 7	8.00	(5.98 - 10.61)	3.36	(2.48 - 4.52)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Maryland	6.94	(5.97 - 8.04)	3.12	(2.56 - 3.80)
Anne Arundel	7.19	(5.33 - 9.63)	3.23	(2.37 - 4.39)
Baltimore City	9.63	(7.38 - 12.46)	3.75	(2.68 - 5.23)
Central	6.38	(4.98 - 8.15)	3.10	(2.33 - 4.12)
Montgomery	6.42	(4.93 - 8.33)	2.60	(1.87 - 3.62)
Prince George's	7.08	(5.43 - 9.17)	2.73	(1.95 - 3.82)
Rural	6.89	(5.29 - 8.93)	3.57	(2.64 - 4.80)
Western	5.72	(4.37 - 7.47)	3.19	(2.37 - 4.28)
Massachusetts	9.37	(8.23 - 10.64)	3.65	(3.08 - 4.31)
Boston	12.15	(9.60 - 15.28)	4.51	(3.41 - 5.93)
Central	8.50	(6.58 - 10.91)	3.37	(2.50 - 4.52)
Metrowest	8.68	(7.03 - 10.67)	3.62	(2.80 - 4.68)
Northeast	8.36	(6.65 - 10.45)	3.26	(2.49 - 4.27)
Southeast	9.36	(7.50 - 11.62)	3.61	(2.75 - 4.71)
Western	10.38	(8.24 - 13.00)	3.78	(2.91 - 4.91)
Michigan	9.18	(8.53 - 9.87)	3.55	(3.19 - 3.94)
Bay	8.06	(6.15 - 10.49)	3.56	(2.73 - 4.63)
Detroit City	12.06	(9.97 - 14.52)	3.77	(2.84 - 5.00)
Genesee	11.97	(9.57 - 14.88)	4.12	(3.11 - 5.44)
Kalamazoo	10.13	(8.35 - 12.23)	3.73	(2.97 - 4.68)
Kent	8.05	(6.50 - 9.94)	3.52	(2.80 - 4.41)
Lakeshore	9.24	(7.53 - 11.28)	3.45	(2.75 - 4.33)
Macomb	8.59	(7.10 - 10.37)	3.19	(2.52 - 4.03)
Mid South	8.65	(7.22 - 10.33)	3.64	(2.94 - 4.50)
Northern	7.93	(6.47 - 9.70)	3.40	(2.69 - 4.29)
Oakland	8.31	(6.96 - 9.90)	2.98	(2.35 - 3.76)
Pathways	11.66	(8.99 - 14.99)	3.89	(2.97 - 5.07)
Saginaw	8.22	(6.26 - 10.72)	3.39	(2.59 - 4.42)
Southeast	9.55	(8.09 - 11.25)	3.99	(3.21 - 4.95)
St. Clair	7.66	(5.96 - 9.80)	3.29	(2.51 - 4.31)
Washtenaw	9.00	(7.31 - 11.05)	3.64	(2.87 - 4.61)
Western	7.46	(5.51 - 10.02)	3.47	(2.60 - 4.62)
Minnesota	7.41	(6.41 - 8.56)	3.16	(2.62 - 3.80)
Regions 1 and 2	8.39	(6.31 - 11.08)	3.57	(2.65 - 4.80)
Regions 3 and 4	6.53	(5.09 - 8.34)	3.03	(2.29 - 4.01)
Regions 5 and 6	6.46	(5.04 - 8.25)	3.11	(2.36 - 4.09)
Region 7A (Hennepin)	9.04	(7.14 - 11.39)	3.36	(2.48 - 4.54)
Region 7B (Ramsey)	8.70	(6.49 - 11.56)	3.23	(2.40 - 4.32)
Region 7C	6.05	(4.68 - 7.80)	2.82	(2.12 - 3.74)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Mississippi	6.18	(5.29 - 7.21)	3.37	(2.83 - 4.01)
Region 1	5.24	(4.01 - 6.82)	3.20	(2.44 - 4.17)
Region 2	6.36	(4.84 - 8.32)	3.14	(2.35 - 4.19)
Region 3	5.77	(4.34 - 7.63)	3.26	(2.45 - 4.33)
Region 4	6.23	(4.79 - 8.05)	3.18	(2.41 - 4.19)
Region 5	5.44	(3.92 - 7.50)	3.13	(2.29 - 4.27)
Region 6	6.61	(4.94 - 8.79)	3.74	(2.81 - 4.96)
Region 7	7.62	(5.72 - 10.08)	3.98	(2.97 - 5.33)
Missouri	8.40	(7.30 - 9.65)	3.91	(3.32 - 4.61)
Central	9.30	(7.31 - 11.77)	4.47	(3.43 - 5.80)
Eastern	8.61	(7.04 - 10.49)	3.65	(2.93 - 4.56)
Eastern (St. Louis City and County)	8.84	(6.90 - 11.25)	3.46	(2.64 - 4.53)
Eastern (excluding St. Louis)	8.14	(6.17 - 10.66)	4.04	(3.04 - 5.35)
Northwest	9.03	(7.40 - 10.97)	4.17	(3.30 - 5.24)
Northwest (Jackson)	10.62	(8.18 - 13.67)	4.52	(3.34 - 6.09)
Northwest (excluding Jackson)	7.59	(5.75 - 9.95)	3.85	(2.90 - 5.09)
Southeast	7.05	(5.30 - 9.32)	3.80	(2.89 - 4.97)
Southwest	7.20	(5.59 - 9.22)	3.70	(2.81 - 4.86)
Montana	10.13	(8.90 - 11.52)	3.76	(3.16 - 4.48)
Region 1	8.60	(6.47 - 11.35)	3.32	(2.49 - 4.43)
Region 2	10.12	(7.91 - 12.85)	4.03	(3.03 - 5.35)
Region 3	8.84	(6.96 - 11.16)	3.74	(2.83 - 4.93)
Region 4	10.61	(8.75 - 12.82)	3.63	(2.81 - 4.69)
Region 5	11.04	(9.01 - 13.47)	3.88	(3.02 - 4.99)
Nebraska	7.00	(6.06 - 8.06)	3.22	(2.71 - 3.84)
Regions 1 and 2	5.60	(4.08 - 7.63)	2.91	(2.13 - 3.95)
Region 3	7.02	(5.38 - 9.11)	3.37	(2.51 - 4.49)
Region 4	5.99	(4.47 - 7.98)	3.06	(2.31 - 4.05)
Region 5	7.27	(5.84 - 9.01)	3.36	(2.62 - 4.30)
Region 6	7.55	(6.16 - 9.22)	3.23	(2.53 - 4.12)
Nevada	9.58	(8.16 - 11.21)	4.31	(3.41 - 5.42)
Clark	9.41	(7.73 - 11.42)	4.42	(3.35 - 5.81)
Rural	8.47	(6.49 - 10.99)	3.67	(2.66 - 5.03)
Washoe	11.25	(8.99 - 13.99)	4.36	(3.28 - 5.78)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Hampshire	10.70	(9.39 - 12.17)	3.94	(3.35 - 4.63)
Central	10.06	(8.46 - 11.93)	4.05	(3.29 - 4.97)
Central 1	10.20	(8.27 - 12.53)	4.14	(3.24 - 5.28)
Central 2	9.92	(7.81 - 12.53)	3.96	(3.02 - 5.19)
Northern	9.86	(7.71 - 12.53)	3.77	(2.87 - 4.95)
Southern	11.19	(9.54 - 13.09)	3.92	(3.23 - 4.76)
Southern 1 (Rockingham)	10.40	(8.23 - 13.05)	3.72	(2.84 - 4.87)
Southern 2	11.68	(9.69 - 14.01)	4.04	(3.21 - 5.07)
New Jersey	6.61	(5.66 - 7.70)	3.24	(2.70 - 3.89)
Central	7.01	(5.49 - 8.91)	3.17	(2.41 - 4.17)
Metropolitan	7.15	(5.62 - 9.06)	3.37	(2.58 - 4.40)
Northern	6.05	(4.78 - 7.62)	3.14	(2.42 - 4.07)
Southern	6.42	(4.97 - 8.24)	3.32	(2.51 - 4.39)
New Mexico	10.43	(9.01 - 12.04)	4.66	(3.85 - 5.63)
Region 1	10.97	(8.49 - 14.05)	4.31	(3.26 - 5.70)
Region 2	10.16	(7.61 - 13.46)	4.53	(3.37 - 6.07)
Region 3 (Bernalillo)	11.60	(9.43 - 14.19)	4.87	(3.75 - 6.31)
Region 4	8.62	(6.54 - 11.30)	4.60	(3.43 - 6.14)
Region 5	9.47	(7.52 - 11.87)	4.81	(3.67 - 6.28)
New York	9.16	(8.45 - 9.92)	3.15	(2.81 - 3.53)
Region A	9.13	(8.11 - 10.26)	3.13	(2.68 - 3.65)
Region 1	9.12	(7.27 - 11.39)	3.33	(2.54 - 4.37)
Region 2	8.77	(7.25 - 10.58)	3.02	(2.37 - 3.84)
Region 3	13.41	(11.11 - 16.10)	4.04	(3.12 - 5.23)
Region 4	6.55	(5.21 - 8.21)	2.50	(1.89 - 3.29)
Region B	8.23	(7.16 - 9.44)	2.85	(2.36 - 3.45)
Region 5	8.54	(7.21 - 10.10)	2.97	(2.35 - 3.75)
Region 6	7.56	(6.09 - 9.35)	2.60	(2.02 - 3.34)
Region C	9.93	(8.98 - 10.97)	3.32	(2.91 - 3.78)
Region 7	9.05	(7.18 - 11.36)	3.11	(2.38 - 4.06)
Region 8	10.78	(8.83 - 13.08)	3.24	(2.55 - 4.10)
Region 9	10.24	(8.43 - 12.38)	3.32	(2.62 - 4.22)
Region 10	10.67	(8.64 - 13.11)	3.61	(2.83 - 4.58)
Region 11	10.24	(8.48 - 12.31)	3.49	(2.75 - 4.41)
Region 12	9.06	(7.45 - 10.97)	3.26	(2.59 - 4.10)
Region D	9.09	(7.85 - 10.50)	3.44	(2.89 - 4.08)
Region 13	8.26	(6.51 - 10.42)	3.27	(2.51 - 4.26)
Region 14	8.87	(6.93 - 11.27)	3.39	(2.61 - 4.38)
Region 15	10.03	(8.06 - 12.41)	3.63	(2.81 - 4.67)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
North Carolina	7.33	(6.32 - 8.48)	3.79	(3.17 - 4.52)
Eastern	6.09	(4.72 - 7.81)	3.46	(2.59 - 4.62)
North Central	7.04	(5.54 - 8.91)	3.96	(2.97 - 5.25)
South Central	6.62	(5.18 - 8.43)	3.46	(2.64 - 4.52)
Western	8.75	(7.08 - 10.76)	4.09	(3.19 - 5.21)
North Dakota	7.12	(6.11 - 8.28)	3.12	(2.56 - 3.81)
Badlands and West Central	5.88	(4.53 - 7.62)	2.66	(1.95 - 3.61)
Lake Region and South Central	6.62	(4.93 - 8.83)	3.23	(2.32 - 4.47)
North Central and Northwest	6.75	(5.15 - 8.81)	3.05	(2.26 - 4.10)
Northeast	7.54	(5.79 - 9.75)	3.45	(2.59 - 4.59)
Southeast	8.67	(7.13 - 10.51)	3.40	(2.60 - 4.44)
Ohio	8.01	(7.44 - 8.62)	3.35	(2.99 - 3.76)
Boards 2, 46, 55, and 68	6.79	(5.37 - 8.56)	3.15	(2.45 - 4.06)
Boards 3, 52, and 85	5.99	(4.69 - 7.63)	2.96	(2.27 - 3.85)
Boards 4 and 78	7.85	(6.06 - 10.10)	3.30	(2.50 - 4.35)
Boards 5 and 60	8.28	(6.47 - 10.53)	3.91	(3.02 - 5.06)
Boards 7, 15, 41, 79, and 84	7.00	(5.46 - 8.93)	3.21	(2.48 - 4.16)
Boards 8, 13, and 83	7.61	(5.98 - 9.62)	3.43	(2.65 - 4.43)
Board 9 (Butler)	7.57	(6.02 - 9.48)	3.32	(2.59 - 4.26)
Board 12	8.74	(6.93 - 10.96)	3.42	(2.65 - 4.40)
Boards 18 and 47	8.21	(6.94 - 9.69)	3.34	(2.65 - 4.20)
Boards 20, 32, 54, and 69	5.66	(4.31 - 7.40)	3.07	(2.34 - 4.02)
Boards 21, 39, 51, 70, and 80	6.98	(5.52 - 8.80)	3.01	(2.32 - 3.89)
Boards 22, 74, and 87	6.59	(5.10 - 8.47)	2.93	(2.19 - 3.91)
Boards 23 and 45	6.97	(5.43 - 8.91)	3.26	(2.50 - 4.25)
Board 25 (Franklin)	9.39	(7.89 - 11.14)	3.75	(2.99 - 4.69)
Boards 27, 71, and 73	6.25	(4.82 - 8.08)	3.20	(2.45 - 4.18)
Boards 28, 43, and 67	6.74	(5.39 - 8.39)	3.31	(2.57 - 4.25)
Board 31 (Hamilton)	8.86	(7.23 - 10.82)	3.38	(2.64 - 4.32)
Board 48 (Lucas)	9.16	(7.30 - 11.44)	3.38	(2.60 - 4.37)
Board 50 and 76	8.40	(6.72 - 10.46)	3.37	(2.60 - 4.38)
Board 57 (Montgomery)	11.63	(9.31 - 14.42)	3.77	(2.86 - 4.96)
Board 77 (Summit)	8.47	(6.78 - 10.52)	3.22	(2.45 - 4.22)
Oklahoma	8.31	(7.14 - 9.66)	4.26	(3.59 - 5.05)
Central	7.92	(6.06 - 10.29)	4.40	(3.34 - 5.78)
East Central	7.11	(5.12 - 9.79)	3.70	(2.74 - 4.99)
Northeast	7.85	(5.97 - 10.26)	4.00	(3.03 - 5.27)
Northwest and Southwest	6.97	(5.29 - 9.13)	4.02	(3.04 - 5.29)
Oklahoma County	9.26	(7.17 - 11.89)	4.30	(3.24 - 5.68)
Southeast	8.26	(6.23 - 10.86)	4.46	(3.35 - 5.91)
Tulsa County	9.99	(7.85 - 12.64)	4.76	(3.67 - 6.14)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Oregon	9.87	(8.62 - 11.28)	3.84	(3.21 - 4.59)
Region 1 (Multnomah)	12.55	(10.10 - 15.48)	4.56	(3.46 - 5.98)
Region 2	8.79	(7.01 - 10.96)	3.53	(2.68 - 4.64)
Region 3	9.58	(7.78 - 11.75)	3.70	(2.87 - 4.76)
Region 4	9.42	(7.36 - 11.99)	3.89	(2.91 - 5.20)
Region 5	8.80	(6.62 - 11.61)	3.54	(2.59 - 4.81)
Pennsylvania	7.56	(7.01 - 8.16)	3.34	(2.98 - 3.73)
Region 1 (Allegheny)	9.48	(7.95 - 11.26)	3.69	(2.90 - 4.68)
Regions 2, 3, 8, and 9	5.63	(4.40 - 7.19)	3.10	(2.39 - 4.02)
Regions 4, 11, 42, and 48	6.90	(5.52 - 8.59)	3.20	(2.49 - 4.09)
Regions 5, 20, 26, 28, and 40	6.19	(5.02 - 7.60)	3.14	(2.47 - 3.98)
Regions 6, 12, 16, 35, 39, 41, 44, and 45	7.93	(6.63 - 9.46)	3.50	(2.82 - 4.33)
Regions 7, 13, 22, and 37	7.35	(6.29 - 8.56)	3.17	(2.57 - 3.90)
Regions 10, 14, 15, 25, 31, 36, and 46	6.63	(5.26 - 8.32)	3.20	(2.45 - 4.18)
Regions 17, 24, 27, 43, and 47	5.85	(4.59 - 7.42)	2.99	(2.32 - 3.85)
Region 18 (Philadelphia)	10.80	(9.14 - 12.71)	4.21	(3.35 - 5.29)
Regions 19 and 23	7.55	(5.93 - 9.56)	3.47	(2.68 - 4.50)
Regions 21, 30, 32, and 49	5.75	(4.78 - 6.91)	2.68	(2.08 - 3.45)
Regions 29 and 34	8.36	(6.67 - 10.43)	3.65	(2.81 - 4.71)
Regions 33 and 38	7.30	(5.80 - 9.16)	3.26	(2.51 - 4.23)
Rhode Island	10.88	(9.55 - 12.37)	4.39	(3.68 - 5.22)
Bristol and Newport	10.35	(8.05 - 13.20)	4.16	(3.10 - 5.56)
Kent	9.32	(7.37 - 11.72)	4.02	(3.01 - 5.35)
Providence	11.08	(9.43 - 12.97)	4.48	(3.65 - 5.49)
Washington	12.54	(9.93 - 15.71)	4.68	(3.57 - 6.11)
South Carolina	7.02	(6.04 - 8.13)	3.52	(2.94 - 4.20)
Region 1	7.29	(5.80 - 9.13)	3.96	(3.04 - 5.13)
Region 2	6.98	(5.73 - 8.48)	3.30	(2.59 - 4.19)
Region 3	6.30	(4.70 - 8.40)	3.13	(2.31 - 4.22)
Region 4	7.26	(5.63 - 9.32)	3.58	(2.72 - 4.70)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
South Dakota	6.74	(5.75 - 7.88)	2.99	(2.44 - 3.64)
Eastern Planning Area	5.98	(5.04 - 7.10)	2.95	(2.39 - 3.63)
Region 3 (Minnehaha)	7.16	(5.67 - 9.00)	3.24	(2.45 - 4.26)
Region 4	5.23	(3.86 - 7.06)	2.76	(2.04 - 3.73)
Region 5	5.43	(4.07 - 7.21)	2.77	(2.02 - 3.77)
Region 6	5.41	(4.03 - 7.22)	2.77	(2.02 - 3.80)
Region 7	6.03	(4.52 - 8.01)	3.04	(2.23 - 4.13)
Western Planning Area	8.56	(6.81 - 10.70)	3.07	(2.38 - 3.97)
Region 1 (Pennington)	7.50	(5.78 - 9.68)	3.15	(2.31 - 4.27)
Region 2	9.27	(6.93 - 12.30)	3.03	(2.23 - 4.10)
Tennessee	6.81	(5.83 - 7.94)	3.58	(3.00 - 4.26)
Region 1	7.67	(5.67 - 10.29)	4.00	(2.88 - 5.53)
Region 2	8.45	(6.54 - 10.86)	3.97	(3.01 - 5.21)
Region 3	6.09	(4.64 - 7.95)	3.69	(2.80 - 4.85)
Region 4 (Davidson)	8.98	(6.86 - 11.67)	4.21	(3.13 - 5.64)
Region 5	5.25	(3.99 - 6.88)	3.12	(2.31 - 4.19)
Region 6	5.85	(4.25 - 8.00)	3.52	(2.60 - 4.77)
Region 7 (Shelby)	6.49	(4.76 - 8.80)	2.98	(2.17 - 4.08)
Texas	6.88	(6.34 - 7.46)	3.84	(3.47 - 4.24)
Region 1	7.71	(6.15 - 9.62)	4.29	(3.40 - 5.41)
Region 2	7.30	(5.53 - 9.57)	4.14	(3.15 - 5.42)
Region 3	6.81	(6.00 - 7.72)	3.64	(3.11 - 4.25)
Region 3a	6.78	(5.79 - 7.92)	3.57	(2.94 - 4.33)
Region 3bc	6.87	(5.67 - 8.30)	3.75	(2.99 - 4.70)
Region 4	6.35	(5.00 - 8.04)	3.88	(3.00 - 5.02)
Region 5	7.16	(5.54 - 9.22)	4.10	(3.16 - 5.32)
Region 6	6.38	(5.51 - 7.37)	3.64	(3.07 - 4.30)
Region 6a	6.26	(5.35 - 7.32)	3.61	(3.01 - 4.33)
Region 6bc	7.33	(5.65 - 9.46)	3.85	(2.96 - 5.01)
Region 7	9.22	(7.92 - 10.70)	4.35	(3.70 - 5.10)
Region 7a	10.03	(8.25 - 12.15)	4.57	(3.73 - 5.59)
Region 7bcd	8.00	(6.51 - 9.80)	4.02	(3.17 - 5.09)
Region 8	6.69	(5.45 - 8.19)	3.98	(3.19 - 4.97)
Region 9	6.25	(4.73 - 8.21)	4.02	(3.07 - 5.25)
Region 10	5.71	(4.40 - 7.37)	3.91	(2.99 - 5.10)
Region 11	5.80	(4.76 - 7.05)	3.61	(2.94 - 4.42)
Region 11abd	6.17	(4.85 - 7.83)	3.77	(2.94 - 4.81)
Region 11c (Hidalgo)	5.04	(3.87 - 6.54)	3.27	(2.49 - 4.29)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Utah	6.58	(5.62 - 7.69)	3.91	(3.30 - 4.62)
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.62	(4.97 - 8.78)	4.15	(3.14 - 5.48)
Central, Four Corners, San Juan, and Southwest	5.24	(3.78 - 7.21)	3.53	(2.63 - 4.71)
Davis County	6.10	(4.55 - 8.15)	3.69	(2.78 - 4.87)
Salt Lake County	7.90	(6.42 - 9.69)	4.15	(3.26 - 5.26)
Utah County	5.03	(3.74 - 6.73)	3.76	(2.88 - 4.90)
Weber, Morgan	5.79	(4.19 - 7.95)	3.56	(2.70 - 4.69)
Vermont	11.15	(9.86 - 12.58)	3.91	(3.31 - 4.61)
Champlain Valley	12.46	(10.64 - 14.54)	4.09	(3.29 - 5.07)
Rural Northeast	10.65	(8.62 - 13.08)	3.91	(3.04 - 5.02)
Rural Southeast	9.33	(7.34 - 11.80)	3.22	(2.40 - 4.30)
Rural Southwest	11.17	(8.83 - 14.04)	4.41	(3.27 - 5.91)
Virginia	7.36	(6.32 - 8.54)	3.49	(2.91 - 4.17)
Region 1	7.63	(5.88 - 9.84)	3.92	(2.99 - 5.13)
Region 2	7.36	(5.67 - 9.50)	3.10	(2.34 - 4.09)
Region 3	7.63	(5.97 - 9.70)	3.79	(2.87 - 5.00)
Region 4	6.63	(5.12 - 8.54)	3.28	(2.42 - 4.43)
Region 5	7.49	(5.95 - 9.39)	3.54	(2.69 - 4.66)
Washington	9.10	(7.95 - 10.40)	3.98	(3.37 - 4.69)
Region 1	8.76	(6.83 - 11.18)	4.00	(3.02 - 5.27)
Region 2	8.12	(6.07 - 10.79)	3.86	(2.85 - 5.19)
Region 3	9.26	(7.28 - 11.72)	4.24	(3.23 - 5.54)
Region 4 (King)	9.57	(7.73 - 11.80)	3.76	(2.90 - 4.87)
Region 5	9.33	(7.35 - 11.76)	4.20	(3.19 - 5.51)
Region 6	8.69	(6.73 - 11.16)	3.96	(2.99 - 5.23)
West Virginia	7.15	(6.21 - 8.22)	3.82	(3.21 - 4.54)
Eastern Highland	6.51	(5.05 - 8.34)	3.48	(2.66 - 4.55)
Northern	7.68	(6.28 - 9.34)	3.88	(3.11 - 4.83)
Northern A and B	6.58	(4.93 - 8.72)	3.43	(2.55 - 4.61)
Northern C and D	8.24	(6.51 - 10.38)	4.11	(3.17 - 5.31)
South Central	7.19	(6.01 - 8.58)	3.86	(3.12 - 4.75)
South Central I	6.21	(4.64 - 8.25)	3.69	(2.70 - 5.03)
South Central II	7.82	(5.99 - 10.16)	4.10	(3.08 - 5.44)
South Central III	7.36	(5.76 - 9.36)	3.79	(2.87 - 4.99)
Southern	7.08	(5.63 - 8.86)	4.04	(3.11 - 5.22)
Southern I and III	7.00	(5.27 - 9.23)	4.00	(2.89 - 5.51)
Southern II	7.23	(5.33 - 9.74)	4.10	(2.99 - 5.60)

See notes at end of table.

(continued)

Table C1. Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Wisconsin	7.63	(6.62 - 8.77)	3.73	(3.14 - 4.42)
Milwaukee	9.49	(7.38 - 12.12)	3.88	(2.91 - 5.15)
Northeastern	7.17	(5.60 - 9.15)	3.67	(2.79 - 4.82)
Northern	7.33	(5.49 - 9.71)	3.27	(2.39 - 4.45)
Southeastern	7.17	(5.54 - 9.25)	3.84	(2.85 - 5.15)
Southern	8.05	(6.42 - 10.04)	3.87	(3.00 - 4.99)
Western	6.37	(4.89 - 8.28)	3.59	(2.74 - 4.68)
Wyoming	7.37	(6.32 - 8.58)	3.76	(3.16 - 4.47)
Judicial District 1 (Laramie)	6.71	(5.07 - 8.83)	3.62	(2.69 - 4.86)
Judicial District 2	9.38	(7.45 - 11.75)	4.69	(3.58 - 6.12)
Judicial District 3	7.58	(5.78 - 9.89)	3.74	(2.82 - 4.96)
Judicial District 4	6.94	(5.15 - 9.29)	3.78	(2.81 - 5.07)
Judicial District 5	5.39	(3.99 - 7.25)	3.18	(2.35 - 4.29)
Judicial District 6	6.09	(4.48 - 8.22)	3.63	(2.72 - 4.83)
Judicial District 7 (Natrona)	8.18	(6.25 - 10.65)	4.02	(3.02 - 5.35)
Judicial District 8	6.13	(4.45 - 8.39)	3.57	(2.62 - 4.84)
Judicial District 9	9.04	(6.67 - 12.15)	3.64	(2.68 - 4.94)

NOTE: For Substate Region definitions, see Section D.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

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

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
National	6.12		1.78		39.30	
Alabama	4.45	(3.71 - 5.33)	1.52	(1.33 - 1.73)	49.66	(46.83 - 52.50)
Region 1	3.98	(2.97 - 5.31)	1.32	(1.05 - 1.66)	48.74	(44.00 - 53.50)
Region 2	5.15	(4.03 - 6.56)	1.70	(1.38 - 2.10)	49.15	(44.84 - 53.46)
Region 3	4.39	(3.24 - 5.92)	1.50	(1.17 - 1.94)	50.12	(45.22 - 55.01)
Region 4	4.08	(3.05 - 5.44)	1.52	(1.23 - 1.88)	51.21	(46.87 - 55.53)
Alaska	10.34	(8.89 - 11.99)	2.70	(2.32 - 3.13)	26.84	(24.31 - 29.53)
Gulf Coast	10.01	(7.24 - 13.69)	2.66	(1.99 - 3.55)	24.72	(20.17 - 29.92)
Rural	8.19	(5.99 - 11.09)	2.82	(1.96 - 4.02)	34.15	(28.97 - 39.74)
Southeast	10.51	(7.74 - 14.13)	2.81	(2.05 - 3.85)	24.21	(19.82 - 29.20)
Urban	10.72	(9.07 - 12.64)	2.66	(2.21 - 3.19)	26.49	(23.56 - 29.65)
Arizona	5.65	(4.73 - 6.75)	1.68	(1.46 - 1.93)	40.23	(37.57 - 42.95)
Maricopa	5.54	(4.49 - 6.83)	1.55	(1.28 - 1.88)	39.85	(36.61 - 43.18)
Pima	6.41	(4.83 - 8.46)	1.93	(1.46 - 2.54)	38.31	(33.40 - 43.48)
Rural North	6.15	(4.49 - 8.37)	2.15	(1.60 - 2.88)	40.22	(35.03 - 45.63)
Rural South	4.69	(3.25 - 6.71)	1.53	(1.12 - 2.10)	44.80	(38.80 - 50.94)
Arkansas	5.69	(4.83 - 6.70)	1.56	(1.37 - 1.78)	45.84	(43.05 - 48.66)
Areas 1 and 5	5.71	(4.36 - 7.46)	1.84	(1.43 - 2.37)	44.11	(39.56 - 48.76)
Areas 2 and 3	4.64	(3.31 - 6.47)	1.19	(0.89 - 1.58)	47.12	(41.37 - 52.94)
Areas 4 and 7	5.35	(4.01 - 7.10)	1.54	(1.20 - 1.97)	48.88	(43.73 - 54.05)
Area 6	5.15	(3.76 - 7.03)	1.53	(1.12 - 2.08)	45.74	(40.17 - 51.42)
Areas 8 and 12	6.39	(4.81 - 8.45)	1.66	(1.26 - 2.20)	48.02	(42.61 - 53.49)
Area 9	6.75	(5.14 - 8.82)	1.68	(1.30 - 2.18)	39.64	(35.09 - 44.38)
Areas 10, 11, and 13	5.22	(3.86 - 7.03)	1.30	(0.97 - 1.72)	51.90	(46.47 - 57.29)
California	6.79	(6.21 - 7.42)	1.79	(1.65 - 1.94)	38.13	(36.70 - 39.57)
Region 1	11.43	(8.80 - 14.72)	2.13	(1.62 - 2.79)	33.83	(28.98 - 39.05)
Region 2	8.23	(6.65 - 10.16)	2.59	(2.10 - 3.19)	31.72	(28.08 - 35.61)
Region 3	6.80	(5.33 - 8.64)	1.83	(1.44 - 2.33)	41.69	(37.27 - 46.24)
Region 4	9.18	(7.09 - 11.80)	1.59	(1.23 - 2.04)	29.45	(25.26 - 34.03)
Region 5	8.86	(7.11 - 10.98)	2.16	(1.76 - 2.66)	29.70	(26.00 - 33.68)
Region 6 (Santa Clara)	5.24	(3.95 - 6.91)	1.46	(1.13 - 1.88)	35.87	(31.67 - 40.30)
Region 7	7.85	(5.77 - 10.60)	2.26	(1.65 - 3.07)	34.00	(29.30 - 39.03)
Region 8	5.76	(4.40 - 7.52)	1.63	(1.27 - 2.08)	44.88	(40.74 - 49.10)
Region 9	7.43	(5.58 - 9.82)	2.19	(1.66 - 2.89)	36.39	(31.71 - 41.34)
Region 10	7.44	(5.72 - 9.63)	2.18	(1.66 - 2.85)	36.60	(32.03 - 41.44)
Region 11 (Los Angeles)	5.55	(4.70 - 6.53)	1.46	(1.25 - 1.70)	43.99	(41.43 - 46.57)
Region 12	6.13	(4.80 - 7.81)	1.86	(1.47 - 2.36)	41.96	(37.82 - 46.22)
Region 13 (Riverside)	6.15	(4.70 - 8.00)	1.72	(1.32 - 2.25)	41.10	(36.68 - 45.66)
Region 14 (Orange)	6.29	(5.01 - 7.86)	1.80	(1.46 - 2.23)	37.26	(33.41 - 41.27)
Region 15	6.49	(5.21 - 8.05)	1.86	(1.51 - 2.30)	35.44	(31.81 - 39.25)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Colorado	7.76	(6.69 - 8.97)	2.32	(2.02 - 2.66)	30.48	(28.02 - 33.05)
Region 1	6.53	(5.06 - 8.39)	2.24	(1.73 - 2.91)	32.22	(27.85 - 36.92)
Regions 2 and 7	8.58	(7.15 - 10.26)	2.45	(2.02 - 2.95)	29.09	(26.02 - 32.37)
Region 3	6.71	(5.06 - 8.85)	2.20	(1.65 - 2.94)	29.41	(24.98 - 34.26)
Region 4	5.60	(4.02 - 7.75)	2.13	(1.52 - 2.97)	44.16	(38.19 - 50.30)
Regions 5 and 6	7.49	(5.51 - 10.12)	2.09	(1.54 - 2.82)	29.59	(24.89 - 34.76)
Connecticut	6.73	(5.78 - 7.83)	2.17	(1.90 - 2.47)	32.87	(30.10 - 35.77)
Eastern	7.38	(5.51 - 9.82)	2.84	(2.18 - 3.69)	32.82	(27.93 - 38.11)
North Central	6.59	(5.28 - 8.21)	2.26	(1.82 - 2.81)	34.08	(29.89 - 38.53)
Northwestern	8.88	(6.77 - 11.57)	2.76	(2.15 - 3.54)	33.42	(28.99 - 38.16)
South Central	6.45	(5.07 - 8.16)	1.80	(1.41 - 2.30)	33.29	(28.86 - 38.02)
Southwest	4.96	(3.66 - 6.69)	1.63	(1.23 - 2.16)	30.13	(25.26 - 35.50)
Delaware	6.36	(5.49 - 7.36)	1.77	(1.56 - 2.02)	38.70	(36.16 - 41.31)
Kent	5.36	(3.96 - 7.21)	1.84	(1.42 - 2.37)	41.98	(36.88 - 47.25)
New Castle (excluding Wilmington city)	7.05	(5.97 - 8.31)	1.92	(1.61 - 2.27)	34.48	(31.34 - 37.76)
Sussex	4.87	(3.72 - 6.36)	1.26	(0.99 - 1.61)	44.44	(39.52 - 49.47)
Wilmington City	7.46	(5.35 - 10.30)	2.15	(1.56 - 2.95)	44.34	(38.92 - 49.90)
District of Columbia	8.27	(7.07 - 9.66)	1.83	(1.58 - 2.11)	33.12	(30.31 - 36.05)
Ward 1	9.34	(6.99 - 12.36)	1.90	(1.38 - 2.60)	32.83	(27.91 - 38.17)
Ward 2	9.60	(7.33 - 12.47)	2.52	(1.81 - 3.48)	25.85	(21.53 - 30.71)
Ward 3	7.91	(5.96 - 10.45)	2.40	(1.77 - 3.26)	19.81	(15.98 - 24.31)
Ward 4	6.13	(4.44 - 8.42)	1.05	(0.74 - 1.47)	38.92	(33.30 - 44.85)
Ward 5	7.22	(5.41 - 9.58)	1.49	(1.11 - 2.01)	37.81	(32.24 - 43.72)
Ward 6	9.05	(6.64 - 12.22)	1.47	(1.05 - 2.04)	31.13	(26.01 - 36.77)
Ward 7	8.17	(6.20 - 10.70)	1.65	(1.26 - 2.16)	42.52	(36.99 - 48.25)
Ward 8	8.92	(6.85 - 11.55)	2.44	(1.88 - 3.18)	40.87	(35.70 - 46.24)
Florida	6.34	(5.78 - 6.95)	1.52	(1.42 - 1.64)	42.74	(41.32 - 44.16)
District 1	7.19	(5.54 - 9.28)	1.97	(1.51 - 2.59)	41.58	(36.92 - 46.39)
District 2	9.21	(7.33 - 11.52)	2.46	(1.91 - 3.16)	36.32	(32.10 - 40.76)
District 3	7.95	(6.23 - 10.10)	2.38	(1.80 - 3.13)	36.89	(32.20 - 41.84)
District 4	7.55	(6.08 - 9.34)	2.21	(1.80 - 2.71)	37.19	(33.52 - 41.02)
District 7	6.96	(5.71 - 8.46)	1.68	(1.41 - 2.01)	39.65	(36.56 - 42.83)
District 8	4.04	(3.00 - 5.43)	1.18	(0.93 - 1.49)	43.55	(39.12 - 48.08)
District 9 (Palm Beach)	5.86	(4.58 - 7.47)	1.27	(1.02 - 1.59)	40.98	(36.74 - 45.36)
District 10 (Broward)	6.63	(5.32 - 8.24)	1.39	(1.14 - 1.71)	41.38	(37.59 - 45.26)
District 11	5.12	(4.17 - 6.26)	1.13	(0.94 - 1.36)	53.63	(50.50 - 56.73)
District 12	6.19	(4.72 - 8.08)	1.46	(1.15 - 1.85)	42.36	(37.25 - 47.65)
District 13	3.92	(2.91 - 5.26)	1.03	(0.81 - 1.31)	45.16	(40.13 - 50.30)
District 14	5.26	(4.00 - 6.91)	1.35	(1.06 - 1.73)	45.36	(40.60 - 50.21)
District 15	5.01	(3.73 - 6.69)	1.22	(0.93 - 1.60)	43.40	(38.23 - 48.73)
Suncoast	7.27	(6.09 - 8.67)	1.69	(1.46 - 1.96)	40.71	(37.72 - 43.78)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Georgia	5.42	(4.52 - 6.49)	1.70	(1.48 - 1.95)	44.43	(41.83 - 47.06)
Region 1	3.87	(2.79 - 5.33)	1.36	(1.06 - 1.75)	48.87	(43.93 - 53.84)
Region 2	4.42	(3.26 - 5.96)	1.71	(1.32 - 2.20)	47.37	(42.53 - 52.25)
Region 3	6.62	(5.24 - 8.34)	1.85	(1.50 - 2.29)	39.46	(35.90 - 43.14)
Region 4	4.61	(3.31 - 6.39)	1.70	(1.29 - 2.25)	47.80	(42.65 - 53.00)
Region 5	5.22	(3.81 - 7.10)	1.64	(1.23 - 2.17)	48.44	(43.33 - 53.59)
Hawaii	7.09	(5.93 - 8.45)	1.91	(1.63 - 2.25)	36.27	(33.41 - 39.22)
Hawaii Island	9.26	(6.78 - 12.52)	2.58	(1.92 - 3.45)	35.41	(30.08 - 41.12)
Honolulu	5.89	(4.79 - 7.23)	1.70	(1.41 - 2.06)	37.26	(33.97 - 40.67)
Kauai and Maui	10.86	(7.88 - 14.77)	2.51	(1.86 - 3.38)	32.40	(27.60 - 37.60)
Idaho	4.74	(3.97 - 5.65)	2.00	(1.75 - 2.27)	39.75	(37.20 - 42.35)
Region 1	5.14	(3.71 - 7.08)	2.15	(1.63 - 2.83)	35.11	(30.12 - 40.46)
Region 2	6.24	(4.51 - 8.59)	2.14	(1.58 - 2.90)	38.12	(32.75 - 43.80)
Region 3	4.38	(3.22 - 5.93)	1.67	(1.29 - 2.16)	44.02	(39.49 - 48.65)
Region 4	4.98	(3.80 - 6.50)	2.27	(1.80 - 2.86)	34.93	(30.90 - 39.19)
Region 5	4.44	(3.22 - 6.10)	1.66	(1.26 - 2.18)	43.54	(38.61 - 48.59)
Region 6	4.40	(3.21 - 6.00)	2.16	(1.63 - 2.85)	43.52	(38.23 - 48.96)
Region 7	3.82	(2.70 - 5.38)	1.86	(1.36 - 2.53)	44.52	(39.51 - 49.65)
Illinois	5.62	(5.13 - 6.16)	1.75	(1.63 - 1.89)	38.69	(37.27 - 40.12)
Region I (Cook)	6.38	(5.60 - 7.25)	1.80	(1.61 - 2.02)	38.17	(36.06 - 40.32)
Region II	5.09	(4.36 - 5.92)	1.89	(1.65 - 2.16)	35.62	(33.24 - 38.08)
Region III	5.55	(4.65 - 6.62)	1.57	(1.29 - 1.91)	39.68	(36.54 - 42.91)
Region IV	4.48	(3.56 - 5.63)	1.50	(1.23 - 1.84)	43.51	(39.46 - 47.65)
Region V	4.83	(3.93 - 5.93)	1.59	(1.32 - 1.91)	45.46	(41.80 - 49.18)
Indiana	5.93	(5.05 - 6.96)	1.79	(1.57 - 2.04)	40.24	(37.67 - 42.86)
Central	6.67	(5.17 - 8.56)	1.89	(1.50 - 2.37)	36.86	(32.49 - 41.45)
East	5.88	(4.28 - 8.02)	1.67	(1.23 - 2.26)	41.06	(35.64 - 46.70)
North Central	6.42	(4.82 - 8.51)	1.99	(1.50 - 2.64)	40.92	(36.07 - 45.95)
Northeast	4.70	(3.35 - 6.55)	1.29	(0.93 - 1.80)	42.40	(37.21 - 47.75)
Northwest	5.63	(4.07 - 7.74)	1.60	(1.21 - 2.10)	41.37	(36.32 - 46.60)
Southeast	4.77	(3.48 - 6.51)	1.68	(1.26 - 2.24)	46.01	(40.53 - 51.60)
Southwest	5.60	(4.07 - 7.67)	1.80	(1.32 - 2.44)	38.82	(33.36 - 44.57)
West	6.48	(4.91 - 8.51)	2.23	(1.68 - 2.95)	38.46	(33.72 - 43.45)
Iowa	4.39	(3.65 - 5.28)	1.61	(1.39 - 1.86)	42.49	(39.78 - 45.26)
Central	4.47	(3.22 - 6.17)	1.47	(1.11 - 1.97)	40.28	(35.19 - 45.60)
North Central	4.75	(3.44 - 6.53)	1.87	(1.41 - 2.46)	39.90	(34.76 - 45.29)
Northeast	4.48	(3.42 - 5.84)	1.53	(1.22 - 1.93)	41.44	(37.19 - 45.83)
Northwest	3.72	(2.66 - 5.18)	1.44	(1.11 - 1.87)	46.57	(41.31 - 51.90)
Southeast	4.85	(3.61 - 6.48)	1.89	(1.45 - 2.47)	41.55	(36.94 - 46.30)
Southwest	3.77	(2.60 - 5.42)	1.43	(1.08 - 1.88)	47.21	(41.67 - 52.82)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kansas	4.79	(4.00 - 5.74)	1.79	(1.56 - 2.05)	43.77	(41.06 - 46.51)
Kansas City Metro	5.65	(4.42 - 7.21)	1.99	(1.58 - 2.49)	39.80	(35.85 - 43.88)
Northeast	4.57	(3.38 - 6.15)	1.77	(1.38 - 2.27)	44.18	(39.23 - 49.24)
South Central	4.45	(3.23 - 6.10)	1.76	(1.34 - 2.30)	47.85	(42.69 - 53.05)
Southeast	3.66	(2.52 - 5.27)	1.67	(1.26 - 2.21)	48.59	(42.76 - 54.45)
West	3.48	(2.44 - 4.94)	1.53	(1.15 - 2.04)	51.21	(45.66 - 56.73)
Wichita (Sedgwick)	5.16	(3.83 - 6.93)	1.75	(1.33 - 2.30)	39.98	(35.31 - 44.84)
Kentucky	6.46	(5.48 - 7.60)	1.69	(1.48 - 1.93)	41.24	(38.56 - 43.96)
Adanta, Cumberland River, and Lifeskills	4.40	(3.18 - 6.06)	1.42	(1.12 - 1.80)	46.90	(42.00 - 51.86)
Bluegrass, Comprehend, and North Key	7.10	(5.58 - 9.00)	1.72	(1.38 - 2.15)	37.44	(33.32 - 41.74)
Communicare and River Valley	6.41	(4.69 - 8.71)	1.70	(1.27 - 2.28)	41.45	(36.16 - 46.95)
Four Rivers and Pennyroyal	5.59	(4.02 - 7.73)	1.41	(1.02 - 1.94)	45.66	(39.96 - 51.47)
Kentucky River, Mountain, and Pathways	5.19	(3.77 - 7.12)	1.42	(1.08 - 1.87)	47.87	(42.45 - 53.33)
Seven Counties	8.40	(6.56 - 10.70)	2.27	(1.77 - 2.89)	35.82	(31.39 - 40.51)
Louisiana	5.56	(4.74 - 6.51)	1.74	(1.52 - 1.99)	45.02	(42.45 - 47.61)
Region 1	7.32	(5.38 - 9.88)	1.71	(1.28 - 2.29)	45.14	(39.57 - 50.84)
Regions 2 and 9	5.92	(4.73 - 7.39)	2.10	(1.68 - 2.64)	41.90	(37.72 - 46.20)
Region 3	5.15	(3.71 - 7.13)	1.75	(1.31 - 2.35)	46.57	(41.16 - 52.05)
Region 4	5.06	(3.74 - 6.81)	1.63	(1.23 - 2.14)	42.46	(37.15 - 47.94)
Regions 5 and 6	4.32	(3.13 - 5.93)	1.50	(1.13 - 1.99)	49.34	(44.60 - 54.10)
Regions 7 and 8	5.07	(3.90 - 6.55)	1.72	(1.33 - 2.21)	48.58	(44.16 - 53.03)
Region 10 (Jefferson)	5.96	(4.37 - 8.09)	1.40	(1.02 - 1.92)	41.61	(36.47 - 46.95)
Maine	7.98	(6.86 - 9.26)	2.08	(1.84 - 2.37)	31.96	(29.34 - 34.69)
Planning Region 1	8.21	(6.75 - 9.94)	2.03	(1.67 - 2.46)	28.53	(25.19 - 32.12)
Region 1 (Cumberland)	9.22	(7.30 - 11.58)	2.28	(1.79 - 2.91)	27.42	(23.29 - 31.98)
Region 2 (York)	6.78	(5.11 - 8.95)	1.70	(1.29 - 2.24)	30.09	(25.39 - 35.25)
Planning Region 2	7.87	(6.50 - 9.50)	2.21	(1.86 - 2.62)	33.35	(29.99 - 36.88)
Region 3	8.92	(6.95 - 11.39)	2.39	(1.86 - 3.07)	32.07	(27.45 - 37.08)
Region 4	7.31	(5.39 - 9.86)	2.10	(1.59 - 2.78)	35.71	(30.43 - 41.36)
Region 5	6.82	(5.09 - 9.07)	2.05	(1.54 - 2.71)	33.07	(27.97 - 38.60)
Planning Region 3	7.82	(6.26 - 9.73)	1.98	(1.62 - 2.42)	34.71	(30.71 - 38.94)
Region 6 (Penobscot)	9.12	(7.08 - 11.68)	2.46	(1.88 - 3.21)	33.18	(28.30 - 38.46)
Region 7	6.74	(4.95 - 9.12)	1.62	(1.22 - 2.16)	35.97	(30.65 - 41.67)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Maryland	5.30	(4.48 - 6.26)	1.80	(1.58 - 2.05)	38.19	(35.29 - 41.18)
Anne Arundel	5.78	(4.17 - 7.94)	2.12	(1.55 - 2.91)	35.54	(30.17 - 41.29)
Baltimore City	6.96	(5.25 - 9.18)	2.32	(1.76 - 3.05)	43.61	(38.28 - 49.08)
Central	5.05	(3.89 - 6.52)	1.59	(1.25 - 2.02)	36.62	(31.60 - 41.94)
Montgomery	4.96	(3.66 - 6.69)	1.55	(1.19 - 2.03)	34.04	(29.38 - 39.02)
Prince George's	5.38	(3.98 - 7.25)	1.78	(1.34 - 2.36)	40.98	(36.17 - 45.97)
Rural	5.13	(3.85 - 6.80)	1.92	(1.44 - 2.54)	39.92	(34.48 - 45.63)
Western	4.30	(3.21 - 5.72)	1.75	(1.33 - 2.29)	38.57	(33.16 - 44.28)
Massachusetts	7.74	(6.73 - 8.89)	2.00	(1.77 - 2.27)	28.46	(25.97 - 31.10)
Boston	9.66	(7.45 - 12.44)	2.09	(1.56 - 2.81)	29.62	(25.01 - 34.69)
Central	7.51	(5.74 - 9.77)	1.97	(1.50 - 2.57)	29.15	(24.67 - 34.08)
Metrowest	6.70	(5.27 - 8.50)	2.06	(1.63 - 2.59)	22.91	(19.38 - 26.88)
Northeast	7.22	(5.57 - 9.31)	1.55	(1.20 - 2.01)	29.42	(25.19 - 34.04)
Southeast	7.71	(6.12 - 9.67)	1.91	(1.51 - 2.42)	30.10	(25.95 - 34.59)
Western	8.90	(6.93 - 11.35)	2.79	(2.06 - 3.77)	32.85	(27.81 - 38.32)
Michigan	7.31	(6.72 - 7.94)	2.06	(1.91 - 2.21)	36.39	(35.10 - 37.70)
Bay	6.32	(4.73 - 8.40)	1.70	(1.30 - 2.22)	38.18	(33.12 - 43.52)
Detroit City	9.12	(7.42 - 11.16)	2.15	(1.74 - 2.66)	42.85	(39.13 - 46.66)
Genesee	9.23	(7.24 - 11.70)	2.31	(1.83 - 2.93)	37.34	(33.02 - 41.88)
Kalamazoo	7.94	(6.41 - 9.79)	2.29	(1.85 - 2.84)	38.41	(34.48 - 42.50)
Kent	6.04	(4.76 - 7.64)	2.21	(1.78 - 2.74)	38.00	(33.87 - 42.32)
Lakeshore	7.88	(6.31 - 9.80)	2.16	(1.79 - 2.60)	39.83	(36.19 - 43.58)
Macomb	7.00	(5.62 - 8.69)	1.87	(1.52 - 2.30)	34.69	(30.92 - 38.67)
Mid South	6.67	(5.50 - 8.07)	2.61	(2.17 - 3.13)	33.36	(30.04 - 36.86)
Northern	6.66	(5.37 - 8.24)	2.15	(1.78 - 2.60)	38.11	(34.26 - 42.12)
Oakland	7.24	(5.97 - 8.77)	1.78	(1.47 - 2.16)	29.74	(26.52 - 33.17)
Pathways	9.11	(6.86 - 12.00)	2.62	(1.94 - 3.54)	36.96	(31.88 - 42.35)
Saginaw	6.56	(4.81 - 8.88)	1.92	(1.43 - 2.57)	40.86	(35.70 - 46.22)
Southeast	7.06	(5.86 - 8.49)	1.79	(1.50 - 2.13)	36.77	(33.53 - 40.14)
St. Clair	6.22	(4.69 - 8.20)	1.67	(1.27 - 2.20)	41.63	(36.56 - 46.87)
Washtenaw	7.59	(6.09 - 9.42)	1.97	(1.50 - 2.58)	29.59	(25.92 - 33.54)
Western	5.83	(4.17 - 8.08)	1.45	(1.00 - 2.10)	39.49	(33.84 - 45.43)
Minnesota	6.16	(5.22 - 7.26)	2.01	(1.77 - 2.27)	30.95	(28.56 - 33.46)
Regions 1 and 2	6.68	(4.91 - 9.04)	2.01	(1.49 - 2.70)	32.85	(27.87 - 38.26)
Regions 3 and 4	5.43	(4.18 - 7.04)	1.95	(1.52 - 2.49)	33.86	(29.41 - 38.61)
Regions 5 and 6	5.27	(4.04 - 6.84)	2.12	(1.70 - 2.64)	36.29	(31.76 - 41.07)
Region 7A (Hennepin)	7.58	(5.87 - 9.74)	2.09	(1.64 - 2.66)	26.84	(23.12 - 30.92)
Region 7B (Ramsey)	7.45	(5.44 - 10.11)	2.29	(1.68 - 3.13)	27.35	(22.77 - 32.46)
Region 7C	5.10	(3.82 - 6.79)	1.72	(1.31 - 2.26)	28.98	(24.98 - 33.34)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Mississippi	4.41	(3.64 - 5.34)	1.45	(1.25 - 1.67)	49.84	(47.00 - 52.69)
Region 1	3.77	(2.78 - 5.09)	1.36	(1.06 - 1.76)	50.69	(45.95 - 55.42)
Region 2	4.75	(3.45 - 6.50)	1.32	(0.99 - 1.76)	55.00	(49.93 - 59.96)
Region 3	3.94	(2.83 - 5.47)	1.34	(0.99 - 1.81)	50.53	(45.34 - 55.71)
Region 4	4.38	(3.16 - 6.04)	1.49	(1.13 - 1.96)	47.10	(42.06 - 52.19)
Region 5	3.82	(2.58 - 5.61)	1.21	(0.87 - 1.70)	52.12	(46.23 - 57.96)
Region 6	4.67	(3.34 - 6.50)	1.75	(1.27 - 2.39)	50.22	(45.01 - 55.43)
Region 7	5.51	(3.97 - 7.59)	1.69	(1.27 - 2.23)	45.27	(39.76 - 50.89)
Missouri	6.30	(5.34 - 7.41)	2.03	(1.79 - 2.31)	38.36	(35.81 - 40.98)
Central	7.16	(5.50 - 9.27)	2.13	(1.62 - 2.80)	37.85	(33.09 - 42.87)
Eastern	6.73	(5.36 - 8.42)	2.29	(1.88 - 2.79)	34.69	(31.23 - 38.32)
Eastern (St. Louis City and County)	7.04	(5.40 - 9.13)	2.04	(1.61 - 2.59)	33.67	(29.56 - 38.04)
Eastern (excluding St. Louis)	6.10	(4.46 - 8.28)	2.82	(2.08 - 3.81)	36.78	(31.73 - 42.14)
Northwest	6.63	(5.23 - 8.37)	2.03	(1.65 - 2.50)	38.81	(34.98 - 42.77)
Northwest (Jackson)	7.71	(5.87 - 10.05)	2.21	(1.69 - 2.89)	35.77	(30.93 - 40.91)
Northwest (excluding Jackson)	5.66	(4.07 - 7.82)	1.88	(1.41 - 2.51)	41.55	(36.36 - 46.94)
Southeast	4.73	(3.37 - 6.58)	1.67	(1.26 - 2.21)	44.14	(38.70 - 49.73)
Southwest	5.23	(3.90 - 6.99)	1.72	(1.33 - 2.21)	42.02	(37.14 - 47.07)
Montana	8.54	(7.36 - 9.87)	2.47	(2.19 - 2.79)	35.56	(32.91 - 38.30)
Region 1	7.05	(5.07 - 9.71)	1.83	(1.39 - 2.40)	44.69	(38.84 - 50.68)
Region 2	7.69	(5.82 - 10.10)	2.12	(1.65 - 2.73)	37.78	(32.96 - 42.86)
Region 3	6.89	(5.23 - 9.03)	2.34	(1.84 - 2.97)	36.30	(31.70 - 41.16)
Region 4	9.53	(7.67 - 11.78)	2.55	(2.08 - 3.12)	33.66	(29.69 - 37.88)
Region 5	9.66	(7.75 - 11.97)	2.94	(2.35 - 3.67)	32.95	(28.75 - 37.44)
Nebraska	5.38	(4.56 - 6.34)	1.67	(1.45 - 1.92)	40.49	(37.81 - 43.24)
Regions 1 and 2	4.06	(2.85 - 5.76)	1.59	(1.19 - 2.11)	46.41	(40.64 - 52.28)
Region 3	4.80	(3.53 - 6.48)	1.69	(1.27 - 2.24)	44.08	(38.78 - 49.52)
Region 4	4.37	(3.15 - 6.03)	1.30	(0.98 - 1.74)	45.75	(40.51 - 51.07)
Region 5	5.58	(4.34 - 7.16)	1.91	(1.53 - 2.38)	38.59	(34.22 - 43.15)
Region 6	6.16	(4.96 - 7.63)	1.67	(1.34 - 2.08)	37.08	(33.38 - 40.94)
Nevada	7.06	(5.90 - 8.43)	1.81	(1.56 - 2.11)	34.70	(31.91 - 37.60)
Clark	6.76	(5.46 - 8.35)	1.70	(1.40 - 2.06)	34.39	(31.13 - 37.80)
Rural	6.29	(4.64 - 8.49)	1.80	(1.39 - 2.32)	38.19	(33.06 - 43.60)
Washoe	9.02	(6.93 - 11.67)	2.37	(1.85 - 3.04)	33.05	(28.66 - 37.75)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Hampshire	9.60	(8.35 - 11.02)	2.44	(2.13 - 2.79)	28.06	(25.46 - 30.81)
Central	8.56	(6.97 - 10.47)	2.51	(2.06 - 3.06)	29.30	(25.58 - 33.33)
Central 1	8.18	(6.39 - 10.43)	2.71	(2.07 - 3.55)	27.47	(22.96 - 32.50)
Central 2	8.92	(6.78 - 11.64)	2.33	(1.78 - 3.05)	31.07	(26.12 - 36.49)
Northern	8.91	(6.72 - 11.73)	2.44	(1.86 - 3.19)	26.93	(22.45 - 31.93)
Southern	10.25	(8.72 - 12.02)	2.40	(2.03 - 2.84)	27.71	(24.68 - 30.96)
Southern 1 (Rockingham)	9.50	(7.33 - 12.23)	2.25	(1.76 - 2.87)	26.04	(21.89 - 30.67)
Southern 2	10.71	(8.85 - 12.91)	2.49	(2.03 - 3.05)	28.72	(25.11 - 32.63)
New Jersey	4.67	(3.93 - 5.55)	1.56	(1.36 - 1.79)	40.84	(37.97 - 43.77)
Central	5.15	(3.90 - 6.75)	1.72	(1.36 - 2.17)	35.88	(31.41 - 40.61)
Metropolitan	4.65	(3.54 - 6.09)	1.34	(1.04 - 1.72)	42.91	(38.08 - 47.87)
Northern	4.41	(3.42 - 5.67)	1.56	(1.25 - 1.95)	42.86	(38.34 - 47.49)
Southern	4.59	(3.42 - 6.12)	1.67	(1.28 - 2.16)	40.71	(35.70 - 45.93)
New Mexico	7.79	(6.68 - 9.06)	2.28	(1.96 - 2.66)	39.28	(36.40 - 42.23)
Region 1	7.51	(5.70 - 9.85)	2.56	(1.95 - 3.35)	39.12	(34.40 - 44.05)
Region 2	7.48	(5.41 - 10.27)	1.92	(1.43 - 2.58)	38.90	(33.79 - 44.28)
Region 3 (Bernalillo)	9.22	(7.46 - 11.34)	2.46	(1.94 - 3.11)	34.49	(30.38 - 38.84)
Region 4	6.66	(4.94 - 8.91)	1.89	(1.39 - 2.55)	45.22	(39.77 - 50.78)
Region 5	6.83	(5.27 - 8.82)	2.32	(1.80 - 2.99)	43.24	(38.33 - 48.28)
New York	7.53	(6.91 - 8.20)	1.81	(1.68 - 1.96)	36.68	(35.16 - 38.23)
Region A	7.12	(6.27 - 8.08)	1.38	(1.21 - 1.58)	39.23	(37.06 - 41.45)
Region 1	6.83	(5.27 - 8.80)	1.51	(1.17 - 1.94)	45.12	(40.47 - 49.85)
Region 2	6.80	(5.51 - 8.38)	1.28	(1.03 - 1.60)	38.09	(34.76 - 41.54)
Region 3	10.73	(8.72 - 13.13)	1.81	(1.40 - 2.34)	31.50	(27.54 - 35.75)
Region 4	5.13	(4.02 - 6.53)	1.22	(0.98 - 1.51)	42.81	(38.85 - 46.87)
Region B	6.87	(5.95 - 7.92)	1.90	(1.65 - 2.19)	33.17	(30.59 - 35.86)
Region 5	7.06	(5.92 - 8.39)	1.90	(1.60 - 2.25)	33.48	(30.29 - 36.83)
Region 6	6.48	(5.11 - 8.17)	1.91	(1.53 - 2.38)	32.53	(28.59 - 36.73)
Region C	8.63	(7.73 - 9.63)	2.37	(2.11 - 2.66)	34.86	(32.68 - 37.11)
Region 7	8.03	(6.31 - 10.15)	2.19	(1.69 - 2.82)	36.28	(31.47 - 41.38)
Region 8	9.99	(8.08 - 12.30)	2.73	(2.13 - 3.48)	30.26	(25.91 - 35.01)
Region 9	8.80	(7.11 - 10.85)	2.35	(1.87 - 2.96)	37.86	(33.44 - 42.49)
Region 10	9.09	(7.22 - 11.38)	3.28	(2.57 - 4.19)	33.77	(29.05 - 38.84)
Region 11	8.47	(6.90 - 10.35)	2.32	(1.87 - 2.88)	34.75	(30.72 - 39.00)
Region 12	7.77	(6.28 - 9.59)	1.95	(1.58 - 2.42)	35.78	(31.73 - 40.03)
Region D	7.61	(6.46 - 8.94)	2.26	(1.92 - 2.65)	38.72	(35.57 - 41.98)
Region 13	7.02	(5.33 - 9.19)	2.08	(1.60 - 2.69)	40.72	(35.48 - 46.18)
Region 14	7.46	(5.75 - 9.63)	2.36	(1.81 - 3.08)	37.22	(32.15 - 42.59)
Region 15	8.27	(6.46 - 10.53)	2.31	(1.81 - 2.93)	38.41	(33.73 - 43.32)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
North Carolina	5.44	(4.59 - 6.44)	1.73	(1.52 - 1.97)	43.07	(40.31 - 45.88)
Eastern	4.52	(3.41 - 5.97)	1.67	(1.32 - 2.10)	48.65	(44.00 - 53.32)
North Central	4.81	(3.59 - 6.41)	1.89	(1.50 - 2.38)	40.88	(36.30 - 45.63)
South Central	5.06	(3.82 - 6.66)	1.60	(1.24 - 2.06)	41.10	(36.20 - 46.19)
Western	6.69	(5.31 - 8.39)	1.75	(1.43 - 2.15)	42.74	(38.65 - 46.92)
North Dakota	5.31	(4.51 - 6.24)	1.95	(1.70 - 2.22)	39.18	(36.47 - 41.95)
Badlands and West Central Lake Region and South Central	4.55	(3.42 - 6.02)	1.50	(1.18 - 1.90)	40.21	(35.66 - 44.93)
North Central and Northwest	4.56	(3.34 - 6.20)	1.72	(1.34 - 2.21)	45.81	(40.78 - 50.93)
Northeast	4.57	(3.38 - 6.16)	1.70	(1.33 - 2.18)	40.44	(35.74 - 45.33)
Southeast	5.58	(4.20 - 7.37)	2.44	(1.89 - 3.15)	35.31	(30.62 - 40.29)
Ohio	6.87	(5.53 - 8.50)	2.52	(2.01 - 3.14)	35.35	(31.29 - 39.62)
Boards 2, 46, 55, and 68	6.36	(5.84 - 6.93)	1.82	(1.69 - 1.96)	39.14	(37.72 - 40.58)
Boards 3, 52, and 85	5.34	(4.05 - 7.00)	1.70	(1.35 - 2.16)	40.94	(36.68 - 45.34)
Boards 4 and 78	4.94	(3.75 - 6.49)	1.45	(1.10 - 1.90)	41.14	(36.65 - 45.78)
Boards 5 and 60	6.03	(4.61 - 7.85)	1.56	(1.19 - 2.03)	43.15	(37.92 - 48.55)
Boards 7, 15, 41, 79, and 84	5.96	(4.58 - 7.72)	1.75	(1.33 - 2.31)	40.74	(36.18 - 45.46)
Boards 8, 13, and 83	5.28	(3.97 - 6.99)	1.51	(1.18 - 1.92)	45.96	(41.21 - 50.78)
Board 9 (Butler)	5.82	(4.44 - 7.59)	1.64	(1.27 - 2.12)	35.82	(31.40 - 40.50)
Board 12	6.68	(5.18 - 8.58)	2.78	(2.14 - 3.60)	37.73	(33.04 - 42.66)
Board 18 and 47	7.70	(5.89 - 10.00)	1.75	(1.32 - 2.31)	39.72	(34.92 - 44.73)
Boards 20, 32, 54, and 69	6.41	(5.32 - 7.70)	1.74	(1.46 - 2.07)	35.98	(32.73 - 39.36)
Boards 21, 39, 51, 70, and 80	4.19	(3.06 - 5.71)	1.49	(1.12 - 1.97)	43.75	(38.76 - 48.86)
Boards 22, 74, and 87	5.37	(4.18 - 6.87)	1.53	(1.19 - 1.97)	37.93	(33.31 - 42.79)
Boards 23 and 45	5.48	(4.09 - 7.30)	1.69	(1.29 - 2.22)	41.60	(36.68 - 46.69)
Board 25 (Franklin)	5.18	(3.91 - 6.85)	1.57	(1.17 - 2.10)	38.58	(33.85 - 43.54)
Boards 27, 71, and 73	7.24	(5.98 - 8.74)	2.23	(1.85 - 2.69)	37.23	(33.80 - 40.79)
Boards 28, 43, and 67	4.78	(3.56 - 6.40)	1.41	(1.09 - 1.84)	46.12	(41.44 - 50.87)
Board 31 (Hamilton)	5.00	(3.84 - 6.48)	1.48	(1.16 - 1.89)	39.29	(34.83 - 43.94)
Board 48 (Lucas)	7.30	(5.81 - 9.13)	2.17	(1.74 - 2.69)	37.47	(33.43 - 41.69)
Board 50 and 76	7.70	(6.11 - 9.67)	2.29	(1.84 - 2.86)	37.88	(33.57 - 42.40)
Board 57 (Montgomery)	6.70	(5.22 - 8.55)	1.79	(1.41 - 2.27)	41.05	(36.62 - 45.63)
Board 77 (Summit)	9.55	(7.52 - 12.05)	2.49	(1.92 - 3.23)	36.30	(31.87 - 40.97)
Oklahoma	7.26	(5.71 - 9.18)	1.78	(1.40 - 2.25)	38.00	(33.57 - 42.64)
Central	5.31	(4.43 - 6.35)	1.67	(1.45 - 1.93)	43.60	(40.78 - 46.47)
East Central	5.36	(3.93 - 7.29)	1.62	(1.17 - 2.23)	41.73	(36.28 - 47.38)
Northwest and Southwest	3.86	(2.68 - 5.54)	1.66	(1.22 - 2.25)	44.65	(39.00 - 50.45)
Oklahoma County	4.85	(3.55 - 6.60)	1.49	(1.12 - 1.98)	41.50	(36.46 - 46.72)
Southeast	4.15	(2.97 - 5.77)	1.42	(1.06 - 1.89)	48.79	(43.36 - 54.25)
Tulsa County	6.76	(5.08 - 8.96)	2.00	(1.51 - 2.64)	42.59	(37.76 - 47.58)
	4.53	(3.33 - 6.15)	1.61	(1.22 - 2.13)	46.31	(40.89 - 51.82)
	6.75	(5.08 - 8.92)	1.88	(1.41 - 2.50)	39.78	(34.95 - 44.82)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Oregon	8.36	(7.19 - 9.69)	1.99	(1.75 - 2.27)	31.11	(28.48 - 33.87)
Region 1 (Multnomah)	11.08	(8.73 - 13.97)	1.96	(1.47 - 2.61)	26.75	(22.81 - 31.09)
Region 2	7.29	(5.65 - 9.36)	1.81	(1.44 - 2.27)	28.63	(24.74 - 32.87)
Region 3	8.30	(6.64 - 10.34)	2.15	(1.73 - 2.67)	31.88	(28.00 - 36.02)
Region 4	7.40	(5.64 - 9.67)	1.64	(1.27 - 2.13)	35.18	(30.13 - 40.59)
Region 5	7.16	(5.22 - 9.75)	2.46	(1.83 - 3.31)	36.23	(30.82 - 42.01)
Pennsylvania	5.76	(5.27 - 6.29)	1.72	(1.60 - 1.85)	40.62	(39.19 - 42.06)
Region 1 (Allegheny)	7.56	(6.24 - 9.14)	1.93	(1.62 - 2.29)	39.27	(35.62 - 43.05)
Regions 2, 3, 8, and 9	4.20	(3.16 - 5.56)	1.61	(1.28 - 2.01)	43.52	(39.11 - 48.03)
Regions 4, 11, 42, and 48	5.13	(4.05 - 6.48)	1.66	(1.35 - 2.05)	39.48	(35.34 - 43.78)
Regions 5, 20, 26, 28, and 40	4.56	(3.62 - 5.73)	1.34	(1.08 - 1.67)	43.85	(39.46 - 48.34)
Regions 6, 12, 16, 35, 39, 41, 44, and 45	5.98	(4.85 - 7.34)	2.24	(1.83 - 2.75)	42.64	(38.48 - 46.91)
Regions 7, 13, 22, and 37	5.90	(4.96 - 7.01)	1.91	(1.64 - 2.21)	35.90	(32.94 - 38.97)
Regions 10, 14, 15, 25, 31, 36, and 46	4.77	(3.67 - 6.18)	1.34	(1.06 - 1.68)	45.69	(41.40 - 50.04)
Regions 17, 24, 27, 43, and 47	4.12	(3.12 - 5.42)	1.27	(1.01 - 1.61)	42.67	(38.44 - 47.00)
Region 18 (Philadelphia)	7.49	(6.29 - 8.90)	1.98	(1.65 - 2.38)	40.16	(36.72 - 43.69)
Regions 19 and 23	5.95	(4.53 - 7.78)	1.84	(1.40 - 2.41)	38.98	(33.84 - 44.38)
Regions 21, 30, 32, and 49	4.67	(3.81 - 5.73)	1.61	(1.35 - 1.93)	41.85	(38.30 - 45.49)
Regions 29 and 34	6.59	(5.15 - 8.40)	1.58	(1.24 - 2.01)	44.17	(39.50 - 48.95)
Regions 33 and 38	5.75	(4.41 - 7.47)	1.47	(1.15 - 1.87)	42.09	(37.40 - 46.93)
Rhode Island	9.50	(8.27 - 10.88)	2.16	(1.86 - 2.50)	33.79	(30.92 - 36.79)
Bristol and Newport	9.16	(6.98 - 11.94)	2.79	(2.07 - 3.76)	27.53	(22.70 - 32.96)
Kent	8.26	(6.33 - 10.70)	1.88	(1.42 - 2.49)	33.87	(28.76 - 39.39)
Providence	9.39	(7.95 - 11.06)	2.01	(1.66 - 2.43)	36.15	(32.52 - 39.94)
Washington	12.01	(9.29 - 15.40)	2.76	(2.06 - 3.67)	28.92	(24.10 - 34.27)
South Carolina	5.31	(4.45 - 6.34)	1.83	(1.60 - 2.09)	44.53	(41.77 - 47.33)
Region 1	5.20	(3.96 - 6.79)	1.80	(1.44 - 2.24)	45.71	(40.96 - 50.54)
Region 2	5.36	(4.23 - 6.76)	1.91	(1.57 - 2.32)	42.87	(39.08 - 46.75)
Region 3	4.91	(3.55 - 6.77)	1.42	(1.07 - 1.88)	46.30	(41.22 - 51.46)
Region 4	5.66	(4.28 - 7.43)	2.10	(1.64 - 2.68)	44.00	(39.30 - 48.82)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
South Dakota	5.04	(4.22 - 6.00)	2.08	(1.83 - 2.36)	38.19	(35.60 - 40.85)
Eastern Planning Area	4.51	(3.73 - 5.45)	1.85	(1.60 - 2.13)	38.19	(35.43 - 41.04)
Region 3 (Minnehaha)	5.58	(4.34 - 7.15)	2.13	(1.69 - 2.68)	34.00	(29.78 - 38.50)
Region 4	4.06	(2.93 - 5.59)	1.69	(1.29 - 2.21)	38.54	(33.58 - 43.75)
Region 5	3.93	(2.76 - 5.56)	1.55	(1.18 - 2.02)	39.37	(34.15 - 44.83)
Region 6	3.72	(2.65 - 5.21)	1.43	(1.08 - 1.90)	43.56	(38.18 - 49.09)
Region 7	4.64	(3.36 - 6.36)	2.33	(1.79 - 3.03)	38.29	(33.42 - 43.40)
Western Planning Area	6.29	(4.91 - 8.03)	2.68	(2.14 - 3.35)	38.18	(34.33 - 42.19)
Region 1 (Pennington)	5.43	(4.03 - 7.29)	2.43	(1.86 - 3.18)	34.85	(29.95 - 40.09)
Region 2	6.87	(5.05 - 9.29)	2.84	(2.13 - 3.79)	40.43	(35.49 - 45.57)
Tennessee	4.88	(4.07 - 5.83)	1.45	(1.26 - 1.67)	41.12	(38.55 - 43.74)
Region 1	5.55	(3.92 - 7.81)	1.58	(1.12 - 2.21)	44.35	(38.44 - 50.42)
Region 2	6.06	(4.52 - 8.08)	1.49	(1.12 - 1.96)	39.50	(34.73 - 44.47)
Region 3	3.98	(2.92 - 5.40)	1.29	(1.00 - 1.66)	40.90	(36.52 - 45.43)
Region 4 (Davidson)	6.78	(4.89 - 9.31)	1.68	(1.27 - 2.21)	34.95	(30.03 - 40.21)
Region 5	3.75	(2.73 - 5.11)	1.43	(1.11 - 1.85)	41.60	(37.02 - 46.33)
Region 6	3.86	(2.73 - 5.45)	1.54	(1.15 - 2.05)	47.30	(41.75 - 52.91)
Region 7 (Shelby)	5.03	(3.70 - 6.81)	1.34	(0.98 - 1.83)	40.64	(35.82 - 45.65)
Texas	4.66	(4.25 - 5.12)	1.67	(1.54 - 1.80)	45.07	(43.77 - 46.37)
Region 1	4.98	(3.84 - 6.43)	1.83	(1.42 - 2.35)	45.94	(41.21 - 50.75)
Region 2	4.66	(3.41 - 6.33)	1.39	(1.03 - 1.88)	48.17	(42.80 - 53.60)
Region 3	4.60	(3.97 - 5.33)	1.54	(1.34 - 1.77)	41.90	(39.77 - 44.07)
Region 3a	4.71	(3.95 - 5.61)	1.60	(1.36 - 1.90)	41.59	(38.97 - 44.25)
Region 3bc	4.42	(3.52 - 5.53)	1.44	(1.16 - 1.78)	42.45	(38.97 - 46.00)
Region 4	3.89	(2.92 - 5.17)	1.42	(1.10 - 1.83)	46.81	(42.18 - 51.50)
Region 5	4.69	(3.55 - 6.16)	1.39	(1.06 - 1.82)	45.30	(40.34 - 50.35)
Region 6	4.43	(3.76 - 5.22)	1.54	(1.34 - 1.78)	45.06	(42.64 - 47.49)
Region 6a	4.28	(3.56 - 5.13)	1.52	(1.30 - 1.77)	45.24	(42.60 - 47.90)
Region 6bc	5.67	(4.22 - 7.59)	1.78	(1.35 - 2.35)	43.56	(38.87 - 48.37)
Region 7	6.83	(5.78 - 8.05)	2.27	(1.92 - 2.68)	36.62	(33.87 - 39.45)
Region 7a	7.51	(6.08 - 9.25)	2.45	(1.95 - 3.07)	33.60	(30.02 - 37.37)
Region 7bcd	5.81	(4.66 - 7.23)	2.05	(1.63 - 2.58)	41.11	(37.17 - 45.18)
Region 8	4.54	(3.63 - 5.66)	1.69	(1.38 - 2.06)	47.14	(43.66 - 50.65)
Region 9	3.87	(2.84 - 5.27)	1.90	(1.45 - 2.49)	48.95	(44.04 - 53.88)
Region 10	3.58	(2.67 - 4.79)	2.14	(1.64 - 2.81)	53.71	(48.75 - 58.60)
Region 11	3.64	(2.91 - 4.54)	1.62	(1.34 - 1.96)	57.42	(54.11 - 60.66)
Region 11abd	3.76	(2.86 - 4.91)	1.65	(1.30 - 2.09)	57.39	(53.18 - 61.49)
Region 11c (Hidalgo)	3.41	(2.49 - 4.65)	1.56	(1.18 - 2.05)	57.48	(52.77 - 62.05)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Utah	4.00	(3.29 - 4.87)	1.68	(1.42 - 1.98)	43.47	(40.95 - 46.03)
Bear River, Northeastern, Summit, Tooele, and Wasatch	3.66	(2.58 - 5.18)	2.05	(1.52 - 2.75)	44.36	(39.61 - 49.21)
Central, Four Corners, San Juan, and Southwest	2.79	(1.90 - 4.08)	1.41	(1.02 - 1.94)	44.41	(39.09 - 49.87)
Davis County	3.38	(2.39 - 4.75)	1.82	(1.33 - 2.49)	43.05	(38.23 - 48.02)
Salt Lake County	5.08	(3.97 - 6.48)	1.71	(1.36 - 2.14)	41.83	(38.26 - 45.48)
Utah County	3.16	(2.25 - 4.43)	1.53	(1.09 - 2.14)	44.95	(40.83 - 49.14)
Weber, Morgan	3.49	(2.38 - 5.08)	1.61	(1.18 - 2.18)	46.14	(40.80 - 51.57)
Vermont	9.54	(8.31 - 10.94)	2.52	(2.20 - 2.88)	27.19	(24.67 - 29.86)
Champlain Valley	10.96	(9.27 - 12.92)	2.54	(2.06 - 3.13)	24.45	(21.13 - 28.10)
Rural Northeast	9.03	(7.19 - 11.29)	2.77	(2.24 - 3.42)	29.18	(25.28 - 33.41)
Rural Southeast	8.37	(6.32 - 11.00)	2.33	(1.83 - 2.96)	28.65	(24.32 - 33.42)
Rural Southwest	8.49	(6.56 - 10.92)	2.37	(1.80 - 3.11)	28.84	(24.16 - 34.01)
Virginia	5.60	(4.72 - 6.63)	1.84	(1.62 - 2.10)	41.23	(38.58 - 43.94)
Region 1	5.65	(4.26 - 7.46)	1.82	(1.39 - 2.36)	40.99	(35.94 - 46.25)
Region 2	5.59	(4.20 - 7.40)	1.48	(1.15 - 1.91)	36.66	(32.42 - 41.13)
Region 3	5.84	(4.41 - 7.71)	2.14	(1.66 - 2.75)	43.53	(38.63 - 48.57)
Region 4	5.09	(3.81 - 6.76)	1.78	(1.39 - 2.27)	44.77	(39.93 - 49.70)
Region 5	5.75	(4.42 - 7.44)	2.06	(1.62 - 2.60)	42.03	(37.64 - 46.54)
Washington	6.67	(5.68 - 7.81)	1.90	(1.64 - 2.19)	26.12	(23.71 - 28.69)
Region 1	6.31	(4.72 - 8.40)	1.92	(1.43 - 2.57)	30.21	(25.61 - 35.24)
Region 2	5.66	(4.06 - 7.84)	1.68	(1.22 - 2.32)	32.61	(27.53 - 38.14)
Region 3	6.69	(5.18 - 8.61)	2.20	(1.67 - 2.88)	26.17	(22.09 - 30.72)
Region 4 (King)	7.30	(5.74 - 9.24)	1.80	(1.42 - 2.29)	21.29	(18.05 - 24.94)
Region 5	6.84	(5.23 - 8.90)	2.15	(1.62 - 2.84)	27.02	(22.88 - 31.60)
Region 6	6.18	(4.61 - 8.23)	1.67	(1.24 - 2.25)	27.23	(22.98 - 31.94)
West Virginia	5.36	(4.55 - 6.31)	1.53	(1.35 - 1.74)	45.98	(43.20 - 48.78)
Eastern Highland	4.83	(3.60 - 6.45)	1.54	(1.22 - 1.95)	46.09	(41.26 - 50.99)
Northern	6.00	(4.87 - 7.37)	1.79	(1.45 - 2.21)	44.98	(41.16 - 48.85)
Northern A and B	5.04	(3.69 - 6.85)	1.77	(1.31 - 2.38)	44.89	(39.07 - 50.87)
Northern C and D	6.49	(5.09 - 8.26)	1.80	(1.40 - 2.32)	45.02	(40.52 - 49.60)
South Central	5.36	(4.32 - 6.65)	1.45	(1.21 - 1.72)	44.90	(41.23 - 48.62)
South Central I	4.62	(3.32 - 6.41)	1.35	(1.01 - 1.81)	46.70	(40.86 - 52.62)
South Central II	5.72	(4.27 - 7.62)	1.38	(1.03 - 1.84)	45.42	(39.82 - 51.12)
South Central III	5.58	(4.14 - 7.48)	1.56	(1.20 - 2.02)	43.47	(38.46 - 48.61)
Southern	5.08	(3.88 - 6.61)	1.35	(1.07 - 1.70)	49.34	(44.71 - 53.98)
Southern I and III	5.00	(3.60 - 6.90)	1.30	(0.97 - 1.75)	50.00	(44.36 - 55.64)
Southern II	5.22	(3.67 - 7.39)	1.45	(1.08 - 1.95)	48.06	(42.08 - 54.09)

See notes at end of table.

(continued)

Table C2. Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Wisconsin	5.60	(4.77 - 6.56)	2.07	(1.83 - 2.35)	33.39	(30.97 - 35.91)
Milwaukee	7.25	(5.55 - 9.40)	2.41	(1.85 - 3.13)	34.85	(30.31 - 39.70)
Northeastern	4.95	(3.80 - 6.42)	1.72	(1.37 - 2.17)	33.48	(29.37 - 37.85)
Northern	5.69	(4.16 - 7.73)	1.96	(1.47 - 2.59)	38.02	(32.54 - 43.82)
Southeastern	4.97	(3.75 - 6.56)	2.28	(1.76 - 2.95)	30.81	(26.39 - 35.61)
Southern	6.04	(4.66 - 7.80)	2.33	(1.84 - 2.94)	30.62	(26.57 - 34.99)
Western	4.87	(3.60 - 6.57)	1.81	(1.38 - 2.37)	35.87	(31.11 - 40.93)
Wyoming	5.32	(4.46 - 6.34)	2.06	(1.81 - 2.35)	37.35	(34.83 - 39.94)
Judicial District 1 (Laramie)	4.57	(3.33 - 6.26)	2.09	(1.60 - 2.72)	35.93	(31.50 - 40.62)
Judicial District 2	7.21	(5.51 - 9.39)	2.68	(2.00 - 3.57)	31.42	(27.11 - 36.07)
Judicial District 3	5.36	(3.98 - 7.18)	2.53	(1.94 - 3.29)	38.12	(33.49 - 42.97)
Judicial District 4	4.69	(3.30 - 6.64)	1.59	(1.16 - 2.17)	38.40	(32.87 - 44.26)
Judicial District 5	3.96	(2.82 - 5.53)	1.42	(1.06 - 1.91)	43.31	(37.72 - 49.08)
Judicial District 6	4.45	(3.14 - 6.28)	1.88	(1.40 - 2.52)	40.13	(34.90 - 45.60)
Judicial District 7 (Natrona)	6.37	(4.70 - 8.58)	1.87	(1.38 - 2.53)	36.25	(31.35 - 41.46)
Judicial District 8	3.89	(2.73 - 5.52)	1.38	(0.95 - 1.98)	41.73	(36.14 - 47.54)
Judicial District 9	6.57	(4.72 - 9.09)	2.82	(1.97 - 4.01)	34.25	(29.11 - 39.78)

NOTE: For Substate Region definitions, see Section D.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ Average Annual Rate = 100* [(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. The prediction intervals for Average Annual Rate of First Use of Marijuana use a simultaneous solution for First Use of Marijuana and Never Used Marijuana outcomes, which had random effects that were allowed to be correlated across the two outcomes. The associated Markov Chain Monte Carlo chains were used to calculate the posterior variance.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
National	10.71		2.46		4.76	
Alabama	8.58	(7.54 - 9.74)	2.21	(1.73 - 2.82)	5.05	(4.30 - 5.93)
Region 1	7.84	(6.31 - 9.71)	1.93	(1.39 - 2.68)	4.77	(3.75 - 6.06)
Region 2	9.48	(7.84 - 11.42)	2.52	(1.83 - 3.46)	5.47	(4.38 - 6.81)
Region 3	8.05	(6.35 - 10.16)	2.38	(1.65 - 3.43)	4.87	(3.72 - 6.36)
Region 4	8.64	(6.99 - 10.64)	1.97	(1.37 - 2.81)	4.94	(3.90 - 6.23)
Alaska	16.45	(14.68 - 18.39)	2.57	(2.01 - 3.28)	5.43	(4.53 - 6.49)
Gulf Coast	17.38	(13.66 - 21.87)	2.41	(1.66 - 3.50)	5.10	(3.70 - 7.00)
Rural	13.03	(10.14 - 16.60)	1.80	(1.16 - 2.80)	4.01	(2.86 - 5.62)
Southeast	18.00	(14.03 - 22.79)	2.80	(1.93 - 4.05)	5.41	(4.00 - 7.28)
Urban	16.56	(14.54 - 18.80)	2.69	(2.08 - 3.46)	5.72	(4.67 - 6.99)
Arizona	10.59	(9.33 - 12.00)	3.48	(2.77 - 4.35)	5.63	(4.72 - 6.70)
Maricopa	10.16	(8.65 - 11.89)	3.42	(2.65 - 4.41)	5.40	(4.39 - 6.62)
Pima	11.71	(9.34 - 14.58)	4.28	(3.09 - 5.91)	6.49	(4.91 - 8.53)
Rural North	12.22	(9.57 - 15.48)	2.94	(2.10 - 4.12)	5.40	(4.02 - 7.24)
Rural South	9.62	(7.32 - 12.54)	3.16	(2.21 - 4.51)	5.83	(4.20 - 8.04)
Arkansas	10.18	(9.01 - 11.47)	1.96	(1.54 - 2.49)	5.15	(4.35 - 6.08)
Areas 1 and 5	10.40	(8.47 - 12.72)	1.91	(1.38 - 2.65)	5.29	(4.10 - 6.81)
Areas 2 and 3	9.57	(7.38 - 12.32)	1.55	(1.08 - 2.21)	4.78	(3.56 - 6.38)
Areas 4 and 7	9.76	(7.74 - 12.24)	2.09	(1.45 - 3.00)	5.60	(4.29 - 7.28)
Area 6	10.04	(7.85 - 12.74)	1.90	(1.36 - 2.66)	4.73	(3.53 - 6.32)
Areas 8 and 12	10.41	(8.24 - 13.08)	2.03	(1.38 - 2.98)	5.23	(3.92 - 6.93)
Area 9	11.55	(9.34 - 14.21)	2.24	(1.60 - 3.15)	5.36	(4.13 - 6.92)
Areas 10, 11, and 13	8.58	(6.65 - 11.01)	1.86	(1.28 - 2.70)	4.58	(3.45 - 6.06)
California	11.49	(10.77 - 12.26)	2.58	(2.26 - 2.94)	5.11	(4.59 - 5.68)
Region 1	16.77	(13.54 - 20.59)	2.68	(1.99 - 3.58)	6.92	(5.28 - 9.01)
Region 2	14.41	(12.24 - 16.90)	2.60	(1.99 - 3.38)	6.06	(4.80 - 7.62)
Region 3	10.16	(8.22 - 12.49)	2.33	(1.75 - 3.08)	5.68	(4.38 - 7.34)
Region 4	14.98	(12.26 - 18.18)	3.63	(2.64 - 4.98)	4.47	(3.32 - 6.00)
Region 5	14.11	(11.94 - 16.59)	2.54	(1.92 - 3.34)	5.06	(3.94 - 6.47)
Region 6 (Santa Clara)	10.30	(8.35 - 12.65)	2.18	(1.61 - 2.95)	4.77	(3.60 - 6.30)
Region 7	12.38	(9.70 - 15.68)	2.78	(2.03 - 3.79)	5.54	(4.08 - 7.49)
Region 8	9.19	(7.41 - 11.35)	2.95	(2.25 - 3.87)	4.95	(3.83 - 6.36)
Region 9	13.20	(10.52 - 16.43)	2.80	(2.07 - 3.77)	5.81	(4.43 - 7.58)
Region 10	13.20	(10.60 - 16.33)	2.69	(2.00 - 3.60)	5.19	(3.94 - 6.79)
Region 11 (Los Angeles)	9.98	(8.84 - 11.26)	2.53	(2.04 - 3.13)	4.82	(4.06 - 5.72)
Region 12	10.25	(8.49 - 12.32)	2.23	(1.67 - 2.97)	4.86	(3.78 - 6.23)
Region 13 (Riverside)	9.68	(7.72 - 12.07)	2.18	(1.63 - 2.92)	4.47	(3.30 - 6.04)
Region 14 (Orange)	10.29	(8.62 - 12.24)	2.18	(1.65 - 2.87)	5.31	(4.20 - 6.69)
Region 15	11.12	(9.41 - 13.09)	2.85	(2.21 - 3.67)	4.86	(3.83 - 6.15)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Colorado	14.23	(12.71 - 15.89)	3.67	(2.94 - 4.59)	6.08	(5.06 - 7.27)
Region 1	12.76	(10.39 - 15.57)	3.51	(2.59 - 4.75)	5.94	(4.49 - 7.82)
Regions 2 and 7	15.28	(13.19 - 17.64)	4.01	(3.09 - 5.18)	6.12	(4.91 - 7.61)
Region 3	12.99	(10.29 - 16.27)	3.24	(2.27 - 4.60)	5.86	(4.34 - 7.88)
Region 4	11.42	(8.75 - 14.77)	3.00	(2.09 - 4.31)	6.86	(4.87 - 9.58)
Regions 5 and 6	13.65	(10.84 - 17.06)	3.09	(2.16 - 4.39)	5.83	(4.29 - 7.88)
Connecticut	12.22	(10.89 - 13.69)	2.14	(1.65 - 2.76)	4.13	(3.42 - 4.99)
Eastern	14.41	(11.60 - 17.76)	2.31	(1.65 - 3.24)	4.99	(3.72 - 6.66)
North Central	11.86	(9.90 - 14.14)	2.03	(1.40 - 2.92)	3.57	(2.69 - 4.72)
Northwestern	14.57	(11.99 - 17.59)	2.12	(1.51 - 2.99)	4.78	(3.59 - 6.35)
South Central	11.75	(9.73 - 14.12)	2.21	(1.58 - 3.09)	4.02	(3.08 - 5.24)
Southwest	9.90	(7.78 - 12.53)	2.10	(1.45 - 3.04)	3.98	(2.90 - 5.43)
Delaware	11.07	(9.83 - 12.45)	2.63	(2.10 - 3.29)	5.13	(4.35 - 6.05)
Kent	10.74	(8.59 - 13.35)	2.43	(1.72 - 3.42)	5.52	(4.19 - 7.24)
New Castle (excluding Wilmington city)	11.69	(10.19 - 13.39)	2.75	(2.13 - 3.54)	5.22	(4.29 - 6.33)
Sussex	8.70	(6.88 - 10.96)	2.25	(1.56 - 3.23)	4.92	(3.67 - 6.58)
Wilmington City	13.36	(10.10 - 17.47)	3.15	(2.05 - 4.82)	4.48	(3.23 - 6.17)
District of Columbia	14.52	(12.89 - 16.32)	3.23	(2.43 - 4.28)	3.19	(2.49 - 4.08)
Ward 1	17.12	(13.57 - 21.36)	3.32	(2.18 - 5.02)	3.40	(2.30 - 4.99)
Ward 2	17.63	(14.28 - 21.56)	3.70	(2.54 - 5.36)	3.90	(2.70 - 5.60)
Ward 3	15.25	(12.34 - 18.70)	2.86	(1.91 - 4.26)	3.80	(2.70 - 5.32)
Ward 4	9.98	(7.62 - 12.96)	2.97	(1.85 - 4.72)	2.59	(1.72 - 3.87)
Ward 5	12.21	(9.68 - 15.30)	3.43	(2.12 - 5.53)	2.71	(1.88 - 3.91)
Ward 6	16.33	(12.69 - 20.78)	3.46	(2.20 - 5.38)	3.40	(2.29 - 5.03)
Ward 7	13.30	(10.53 - 16.65)	3.33	(1.98 - 5.55)	2.43	(1.66 - 3.54)
Ward 8	14.04	(11.32 - 17.28)	2.76	(1.66 - 4.55)	3.04	(2.14 - 4.28)
Florida	10.88	(10.19 - 11.62)	2.61	(2.27 - 2.99)	4.82	(4.37 - 5.32)
District 1	12.37	(10.11 - 15.05)	2.77	(2.07 - 3.71)	6.77	(5.28 - 8.65)
District 2	15.44	(12.90 - 18.39)	2.95	(2.23 - 3.88)	5.48	(4.34 - 6.91)
District 3	13.11	(10.83 - 15.80)	2.66	(1.96 - 3.61)	5.77	(4.56 - 7.29)
District 4	13.69	(11.61 - 16.09)	2.74	(2.06 - 3.62)	5.81	(4.68 - 7.19)
District 7	11.36	(9.73 - 13.22)	2.53	(1.98 - 3.21)	5.15	(4.22 - 6.26)
District 8	8.02	(6.35 - 10.09)	2.06	(1.50 - 2.84)	4.37	(3.30 - 5.78)
District 9 (Palm Beach)	10.67	(8.72 - 12.98)	2.80	(2.08 - 3.77)	4.59	(3.52 - 5.96)
District 10 (Broward)	11.07	(9.34 - 13.09)	2.95	(2.25 - 3.87)	4.46	(3.54 - 5.61)
District 11	8.74	(7.43 - 10.26)	2.57	(1.92 - 3.44)	3.49	(2.72 - 4.46)
District 12	11.20	(9.09 - 13.73)	2.92	(2.17 - 3.93)	5.33	(4.15 - 6.82)
District 13	7.01	(5.51 - 8.87)	1.85	(1.33 - 2.56)	4.32	(3.35 - 5.55)
District 14	8.40	(6.63 - 10.59)	2.24	(1.66 - 3.03)	4.57	(3.53 - 5.91)
District 15	8.72	(6.72 - 11.26)	2.32	(1.69 - 3.19)	4.02	(3.02 - 5.34)
Suncoast	12.32	(10.80 - 14.02)	2.69	(2.12 - 3.42)	5.25	(4.33 - 6.36)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Georgia	9.95	(8.78 - 11.26)	2.32	(1.81 - 2.96)	5.14	(4.30 - 6.13)
Region 1	6.90	(5.37 - 8.83)	1.86	(1.32 - 2.62)	5.75	(4.36 - 7.55)
Region 2	9.86	(7.90 - 12.25)	2.45	(1.72 - 3.47)	6.10	(4.72 - 7.84)
Region 3	11.28	(9.47 - 13.40)	2.36	(1.71 - 3.26)	4.61	(3.56 - 5.93)
Region 4	9.27	(7.15 - 11.93)	2.50	(1.65 - 3.77)	4.89	(3.56 - 6.66)
Region 5	9.64	(7.59 - 12.19)	2.29	(1.60 - 3.26)	5.27	(3.94 - 7.00)
Hawaii	11.69	(10.29 - 13.26)	1.96	(1.49 - 2.58)	3.65	(2.93 - 4.54)
Hawaii Island	13.29	(10.44 - 16.78)	1.92	(1.29 - 2.85)	4.25	(2.98 - 6.04)
Honolulu	10.42	(8.97 - 12.06)	1.99	(1.48 - 2.68)	3.39	(2.65 - 4.34)
Kauai and Maui	16.30	(12.99 - 20.26)	1.87	(1.27 - 2.74)	4.35	(3.14 - 5.99)
Idaho	9.01	(7.98 - 10.16)	1.60	(1.23 - 2.09)	5.55	(4.76 - 6.45)
Region 1	10.25	(8.09 - 12.90)	1.58	(1.10 - 2.27)	5.55	(4.20 - 7.30)
Region 2	11.70	(9.22 - 14.74)	1.81	(1.24 - 2.63)	6.41	(4.91 - 8.34)
Region 3	7.36	(5.77 - 9.34)	1.57	(1.09 - 2.27)	5.14	(3.96 - 6.66)
Region 4	9.89	(8.14 - 11.96)	1.63	(1.15 - 2.32)	6.11	(4.84 - 7.69)
Region 5	7.95	(6.19 - 10.17)	1.50	(1.05 - 2.16)	4.90	(3.69 - 6.47)
Region 6	8.82	(6.92 - 11.19)	1.58	(1.08 - 2.30)	5.83	(4.43 - 7.64)
Region 7	7.10	(5.42 - 9.25)	1.56	(1.08 - 2.24)	4.59	(3.47 - 6.06)
Illinois	10.14	(9.47 - 10.86)	2.54	(2.19 - 2.95)	3.91	(3.52 - 4.34)
Region I (Cook)	11.45	(10.33 - 12.68)	2.85	(2.29 - 3.54)	3.67	(3.11 - 4.32)
Region II	9.18	(8.19 - 10.28)	2.27	(1.84 - 2.80)	4.29	(3.65 - 5.04)
Region III	10.35	(9.01 - 11.86)	2.39	(1.86 - 3.06)	4.00	(3.30 - 4.85)
Region IV	7.92	(6.58 - 9.50)	2.28	(1.75 - 2.95)	3.91	(3.14 - 4.86)
Region V	8.66	(7.36 - 10.17)	2.36	(1.82 - 3.06)	3.72	(3.01 - 4.58)
Indiana	10.54	(9.34 - 11.87)	2.41	(1.91 - 3.04)	5.84	(4.98 - 6.84)
Central	12.69	(10.44 - 15.35)	2.75	(1.97 - 3.83)	6.16	(4.82 - 7.84)
East	10.59	(8.38 - 13.29)	2.28	(1.63 - 3.18)	6.33	(4.81 - 8.27)
North Central	10.71	(8.66 - 13.18)	2.18	(1.57 - 3.03)	5.66	(4.37 - 7.31)
Northeast	8.56	(6.51 - 11.18)	2.33	(1.66 - 3.25)	4.70	(3.46 - 6.35)
Northwest	9.27	(7.18 - 11.90)	2.44	(1.71 - 3.46)	5.11	(3.87 - 6.72)
Southeast	7.83	(6.07 - 10.05)	2.05	(1.45 - 2.89)	6.31	(4.72 - 8.40)
Southwest	9.88	(7.55 - 12.83)	2.13	(1.49 - 3.04)	6.06	(4.56 - 8.01)
West	11.70	(9.45 - 14.40)	2.66	(1.92 - 3.68)	6.15	(4.80 - 7.86)
Iowa	9.02	(7.92 - 10.27)	2.07	(1.65 - 2.61)	3.19	(2.57 - 3.96)
Central	9.83	(7.75 - 12.39)	2.08	(1.49 - 2.90)	3.36	(2.41 - 4.66)
North Central	9.30	(7.31 - 11.77)	2.20	(1.56 - 3.08)	3.49	(2.51 - 4.82)
Northeast	8.88	(7.19 - 10.93)	2.19	(1.59 - 3.01)	3.08	(2.29 - 4.14)
Northwest	7.47	(5.83 - 9.51)	1.77	(1.27 - 2.47)	2.91	(2.08 - 4.07)
Southeast	10.25	(8.33 - 12.56)	2.22	(1.61 - 3.07)	3.17	(2.35 - 4.27)
Southwest	7.60	(5.76 - 9.98)	1.80	(1.25 - 2.57)	3.34	(2.38 - 4.69)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kansas	9.04	(7.98 - 10.23)	2.04	(1.60 - 2.61)	4.17	(3.44 - 5.06)
Kansas City Metro	10.18	(8.51 - 12.13)	2.14	(1.57 - 2.91)	4.04	(3.09 - 5.26)
Northeast	8.10	(6.42 - 10.17)	1.88	(1.34 - 2.64)	3.98	(2.93 - 5.38)
South Central	8.62	(6.78 - 10.91)	1.82	(1.28 - 2.60)	4.32	(3.15 - 5.90)
Southeast	8.78	(6.85 - 11.18)	1.89	(1.33 - 2.68)	4.23	(3.06 - 5.81)
West	6.56	(5.00 - 8.55)	1.90	(1.32 - 2.72)	3.41	(2.42 - 4.80)
Wichita (Sedgwick)	10.25	(8.17 - 12.79)	2.39	(1.68 - 3.41)	5.06	(3.76 - 6.79)
Kentucky	10.98	(9.74 - 12.35)	2.54	(2.03 - 3.17)	6.79	(5.85 - 7.88)
Adanta, Cumberland River, and Lifeskills	7.42	(5.86 - 9.37)	2.19	(1.61 - 2.98)	5.85	(4.54 - 7.52)
Bluegrass, Comprehend, and North Key	12.16	(10.06 - 14.63)	2.80	(2.05 - 3.82)	7.68	(6.12 - 9.59)
Communicare and River Valley	10.27	(8.00 - 13.09)	2.39	(1.70 - 3.34)	6.17	(4.72 - 8.04)
Four Rivers and Pennyroyal	10.24	(7.92 - 13.14)	2.25	(1.57 - 3.21)	6.73	(5.07 - 8.87)
Kentucky River, Mountain, and Pathways	9.25	(7.22 - 11.77)	2.48	(1.78 - 3.45)	6.83	(5.29 - 8.79)
Seven Counties	13.93	(11.49 - 16.78)	2.71	(1.94 - 3.77)	6.69	(5.33 - 8.35)
Louisiana	9.66	(8.58 - 10.86)	2.58	(2.04 - 3.24)	5.06	(4.35 - 5.88)
Region 1	11.81	(9.23 - 14.98)	3.45	(2.21 - 5.34)	4.42	(3.25 - 5.99)
Regions 2 and 9	10.24	(8.55 - 12.22)	2.64	(1.94 - 3.58)	5.26	(4.22 - 6.54)
Region 3	9.17	(7.10 - 11.77)	2.69	(1.88 - 3.84)	5.49	(4.20 - 7.14)
Region 4	9.38	(7.41 - 11.81)	2.42	(1.71 - 3.41)	5.00	(3.82 - 6.52)
Regions 5 and 6	8.58	(6.76 - 10.83)	2.51	(1.81 - 3.47)	5.27	(4.04 - 6.84)
Regions 7 and 8	8.81	(7.14 - 10.82)	2.16	(1.51 - 3.07)	5.02	(3.91 - 6.42)
Region 10 (Jefferson)	9.35	(7.22 - 12.04)	2.33	(1.56 - 3.47)	4.89	(3.66 - 6.50)
Maine	12.26	(10.96 - 13.68)	2.43	(1.96 - 3.02)	4.58	(3.85 - 5.44)
Planning Region 1	12.77	(10.97 - 14.83)	2.57	(1.99 - 3.32)	4.41	(3.54 - 5.47)
Region 1 (Cumberland)	15.07	(12.57 - 17.96)	2.94	(2.18 - 3.95)	4.33	(3.32 - 5.63)
Region 2 (York)	9.55	(7.48 - 12.11)	2.06	(1.48 - 2.86)	4.52	(3.41 - 5.95)
Planning Region 2	12.31	(10.66 - 14.17)	2.32	(1.82 - 2.96)	4.63	(3.77 - 5.68)
Region 3	13.36	(10.98 - 16.17)	2.57	(1.89 - 3.48)	5.00	(3.80 - 6.56)
Region 4	12.16	(9.66 - 15.20)	2.21	(1.58 - 3.07)	4.45	(3.31 - 5.96)
Region 5	10.87	(8.59 - 13.67)	2.06	(1.46 - 2.90)	4.25	(3.16 - 5.69)
Planning Region 3	11.43	(9.61 - 13.55)	2.41	(1.83 - 3.18)	4.76	(3.75 - 6.02)
Region 6 (Penobscot)	13.08	(10.71 - 15.89)	2.77	(1.99 - 3.86)	5.25	(3.99 - 6.90)
Region 7	10.06	(7.77 - 12.94)	2.11	(1.51 - 2.96)	4.34	(3.16 - 5.94)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Maryland	10.41	(9.24 - 11.71)	2.02	(1.52 - 2.68)	3.65	(2.99 - 4.45)
Anne Arundel	10.82	(8.39 - 13.85)	2.03	(1.38 - 2.98)	4.03	(2.92 - 5.53)
Baltimore City	13.84	(11.05 - 17.21)	3.52	(2.16 - 5.67)	3.95	(2.80 - 5.55)
Central	9.90	(8.06 - 12.10)	1.95	(1.36 - 2.78)	3.51	(2.61 - 4.70)
Montgomery	9.01	(7.10 - 11.36)	1.41	(0.94 - 2.11)	3.12	(2.23 - 4.34)
Prince George's	11.61	(9.25 - 14.48)	1.83	(1.14 - 2.94)	2.94	(2.12 - 4.06)
Rural	10.16	(7.96 - 12.87)	2.04	(1.41 - 2.95)	4.41	(3.28 - 5.90)
Western	8.40	(6.59 - 10.64)	1.74	(1.20 - 2.53)	4.15	(3.06 - 5.61)
Massachusetts	14.70	(13.14 - 16.42)	2.78	(2.22 - 3.48)	4.97	(4.17 - 5.91)
Boston	17.04	(13.71 - 20.98)	3.70	(2.62 - 5.19)	5.11	(3.76 - 6.91)
Central	13.61	(10.78 - 17.05)	2.61	(1.89 - 3.60)	4.38	(3.24 - 5.89)
Metrowest	13.63	(11.23 - 16.44)	2.51	(1.81 - 3.49)	4.93	(3.79 - 6.38)
Northeast	12.97	(10.54 - 15.87)	2.50	(1.80 - 3.48)	4.81	(3.64 - 6.32)
Southeast	15.60	(12.81 - 18.86)	2.95	(2.15 - 4.04)	5.48	(4.22 - 7.08)
Western	16.78	(13.59 - 20.54)	2.76	(1.99 - 3.82)	4.95	(3.76 - 6.50)
Michigan	12.54	(11.78 - 13.34)	2.56	(2.24 - 2.93)	5.33	(4.83 - 5.87)
Bay	10.80	(8.58 - 13.50)	2.26	(1.66 - 3.06)	5.53	(4.22 - 7.21)
Detroit City	14.98	(12.66 - 17.64)	3.53	(2.40 - 5.16)	3.98	(3.03 - 5.22)
Genesee	14.62	(12.07 - 17.62)	2.88	(2.10 - 3.93)	6.31	(4.92 - 8.07)
Kalamazoo	14.48	(12.23 - 17.07)	2.92	(2.18 - 3.91)	6.03	(4.92 - 7.38)
Kent	11.84	(9.80 - 14.23)	2.63	(1.98 - 3.48)	5.14	(4.03 - 6.52)
Lakeshore	12.34	(10.49 - 14.45)	2.34	(1.79 - 3.07)	5.41	(4.43 - 6.59)
Macomb	11.86	(9.91 - 14.14)	2.39	(1.80 - 3.16)	5.43	(4.31 - 6.83)
Mid South	12.20	(10.50 - 14.13)	2.45	(1.89 - 3.16)	5.37	(4.45 - 6.47)
Northern	11.97	(10.17 - 14.05)	2.23	(1.71 - 2.92)	5.85	(4.71 - 7.25)
Oakland	12.12	(10.38 - 14.11)	2.47	(1.89 - 3.23)	4.64	(3.76 - 5.70)
Pathways	13.97	(11.23 - 17.26)	2.56	(1.90 - 3.46)	6.33	(4.86 - 8.20)
Saginaw	10.75	(8.31 - 13.80)	2.57	(1.86 - 3.54)	4.85	(3.67 - 6.37)
Southeast	12.37	(10.59 - 14.41)	2.51	(1.96 - 3.21)	5.66	(4.61 - 6.94)
St. Clair	11.36	(9.12 - 14.06)	2.28	(1.71 - 3.04)	4.58	(3.47 - 6.03)
Washtenaw	12.96	(10.88 - 15.37)	2.45	(1.85 - 3.23)	6.00	(4.75 - 7.54)
Western	8.80	(6.61 - 11.62)	2.08	(1.52 - 2.85)	5.10	(3.78 - 6.83)
Minnesota	11.14	(9.85 - 12.56)	2.39	(1.90 - 3.00)	3.92	(3.23 - 4.75)
Regions 1 and 2	11.32	(8.84 - 14.39)	2.40	(1.71 - 3.36)	4.13	(3.02 - 5.63)
Regions 3 and 4	10.72	(8.78 - 13.02)	2.32	(1.71 - 3.15)	4.12	(3.13 - 5.41)
Regions 5 and 6	11.01	(8.86 - 13.61)	2.18	(1.60 - 2.97)	3.68	(2.76 - 4.89)
Region 7A (Hennepin)	13.01	(10.66 - 15.79)	2.74	(1.94 - 3.86)	4.37	(3.19 - 5.95)
Region 7B (Ramsey)	12.42	(9.64 - 15.85)	2.68	(1.86 - 3.83)	3.63	(2.57 - 5.11)
Region 7C	8.75	(6.93 - 10.99)	2.09	(1.52 - 2.87)	3.53	(2.61 - 4.77)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Mississippi	7.92	(6.88 - 9.10)	1.90	(1.42 - 2.54)	4.06	(3.40 - 4.85)
Region 1	6.98	(5.48 - 8.83)	1.61	(1.10 - 2.37)	4.29	(3.32 - 5.52)
Region 2	7.97	(6.10 - 10.35)	2.04	(1.27 - 3.27)	3.35	(2.48 - 4.50)
Region 3	6.88	(5.25 - 8.96)	1.76	(1.18 - 2.61)	3.98	(2.97 - 5.31)
Region 4	8.78	(7.03 - 10.91)	1.97	(1.32 - 2.92)	3.73	(2.82 - 4.93)
Region 5	6.62	(4.80 - 9.06)	1.83	(1.11 - 2.99)	3.58	(2.60 - 4.90)
Region 6	8.51	(6.60 - 10.92)	2.17	(1.45 - 3.24)	4.51	(3.38 - 6.00)
Region 7	9.30	(7.25 - 11.84)	2.08	(1.44 - 3.00)	4.77	(3.54 - 6.40)
Missouri	11.45	(10.24 - 12.79)	2.85	(2.28 - 3.55)	4.92	(4.17 - 5.78)
Central	12.24	(10.02 - 14.87)	3.08	(2.23 - 4.24)	5.48	(4.23 - 7.07)
Eastern	12.54	(10.68 - 14.67)	2.93	(2.18 - 3.92)	4.78	(3.83 - 5.95)
Eastern (St. Louis City and County)	13.12	(10.82 - 15.83)	3.04	(2.12 - 4.35)	4.56	(3.45 - 5.99)
Eastern (excluding St. Louis)	11.34	(8.91 - 14.33)	2.70	(1.96 - 3.69)	5.24	(3.98 - 6.87)
Northwest	11.90	(10.07 - 14.02)	3.06	(2.31 - 4.03)	5.03	(4.00 - 6.31)
Northwest (Jackson)	14.01	(11.42 - 17.09)	3.44	(2.45 - 4.79)	5.47	(4.13 - 7.21)
Northwest (excluding Jackson)	9.99	(7.84 - 12.66)	2.71	(1.94 - 3.79)	4.64	(3.42 - 6.26)
Southeast	9.21	(7.24 - 11.64)	2.53	(1.78 - 3.58)	4.65	(3.49 - 6.16)
Southwest	9.31	(7.49 - 11.53)	2.36	(1.70 - 3.26)	4.75	(3.66 - 6.16)
Montana	13.34	(11.98 - 14.83)	2.39	(1.93 - 2.95)	4.44	(3.73 - 5.26)
Region 1	9.96	(7.68 - 12.83)	1.91	(1.33 - 2.72)	4.08	(2.97 - 5.59)
Region 2	11.86	(9.63 - 14.54)	2.34	(1.65 - 3.31)	4.28	(3.20 - 5.70)
Region 3	11.07	(9.01 - 13.54)	2.18	(1.56 - 3.04)	4.28	(3.24 - 5.63)
Region 4	14.12	(12.02 - 16.52)	2.47	(1.87 - 3.26)	4.26	(3.34 - 5.41)
Region 5	15.91	(13.41 - 18.79)	2.62	(1.97 - 3.46)	4.87	(3.81 - 6.21)
Nebraska	9.44	(8.32 - 10.70)	2.09	(1.64 - 2.65)	3.47	(2.85 - 4.22)
Regions 1 and 2	7.43	(5.67 - 9.68)	1.67	(1.16 - 2.40)	3.31	(2.35 - 4.63)
Region 3	8.34	(6.44 - 10.73)	1.82	(1.27 - 2.61)	3.75	(2.73 - 5.13)
Region 4	6.54	(4.96 - 8.57)	1.63	(1.13 - 2.34)	3.15	(2.29 - 4.33)
Region 5	10.70	(8.75 - 13.02)	2.08	(1.53 - 2.81)	3.64	(2.80 - 4.71)
Region 6	10.54	(8.86 - 12.50)	2.45	(1.78 - 3.35)	3.41	(2.63 - 4.42)
Nevada	11.52	(10.01 - 13.23)	2.07	(1.58 - 2.69)	5.76	(4.72 - 7.02)
Clark	11.08	(9.32 - 13.12)	2.04	(1.51 - 2.75)	5.95	(4.75 - 7.43)
Rural	10.50	(8.22 - 13.30)	1.77	(1.24 - 2.54)	4.86	(3.56 - 6.61)
Washoe	14.30	(11.60 - 17.50)	2.44	(1.74 - 3.42)	5.74	(4.25 - 7.71)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Hampshire	15.54	(13.95 - 17.27)	2.89	(2.33 - 3.58)	5.13	(4.37 - 6.02)
Central	14.79	(12.61 - 17.27)	2.83	(2.17 - 3.68)	5.47	(4.40 - 6.77)
Central 1	15.30	(12.56 - 18.50)	3.11	(2.28 - 4.23)	5.19	(4.01 - 6.69)
Central 2	14.29	(11.47 - 17.68)	2.56	(1.84 - 3.55)	5.73	(4.33 - 7.55)
Northern	15.38	(12.43 - 18.87)	2.75	(2.03 - 3.71)	5.35	(4.10 - 6.95)
Southern	15.94	(13.96 - 18.13)	2.95	(2.31 - 3.77)	4.93	(4.07 - 5.95)
Southern 1 (Rockingham)	15.09	(12.29 - 18.38)	2.29	(1.65 - 3.18)	4.71	(3.60 - 6.13)
Southern 2	16.45	(14.04 - 19.18)	3.35	(2.53 - 4.43)	5.06	(4.05 - 6.30)
New Jersey	8.52	(7.46 - 9.71)	2.07	(1.61 - 2.66)	3.57	(2.92 - 4.36)
Central	8.94	(7.29 - 10.93)	2.03	(1.45 - 2.83)	3.75	(2.80 - 5.00)
Metropolitan	8.56	(6.86 - 10.64)	2.03	(1.40 - 2.94)	3.36	(2.48 - 4.53)
Northern	8.02	(6.57 - 9.77)	2.05	(1.49 - 2.83)	3.39	(2.58 - 4.45)
Southern	8.77	(6.95 - 11.02)	2.21	(1.54 - 3.16)	3.91	(2.95 - 5.17)
New Mexico	12.84	(11.40 - 14.42)	3.19	(2.56 - 3.96)	5.45	(4.52 - 6.56)
Region 1	12.20	(9.95 - 14.88)	2.51	(1.82 - 3.45)	4.86	(3.64 - 6.45)
Region 2	12.45	(9.86 - 15.60)	3.09	(2.18 - 4.36)	5.49	(3.98 - 7.54)
Region 3 (Bernalillo)	14.53	(12.24 - 17.15)	3.75	(2.84 - 4.94)	5.51	(4.22 - 7.16)
Region 4	11.02	(8.58 - 14.06)	3.10	(2.24 - 4.29)	5.50	(4.11 - 7.34)
Region 5	12.34	(10.06 - 15.06)	3.15	(2.34 - 4.23)	5.87	(4.48 - 7.65)
New York	12.11	(11.38 - 12.88)	2.52	(2.17 - 2.93)	3.95	(3.53 - 4.43)
Region A	11.70	(10.65 - 12.85)	2.47	(2.01 - 3.03)	3.51	(2.98 - 4.14)
Region 1	10.47	(8.55 - 12.76)	2.48	(1.78 - 3.45)	3.45	(2.54 - 4.68)
Region 2	10.79	(9.18 - 12.64)	2.26	(1.65 - 3.09)	3.37	(2.67 - 4.25)
Region 3	18.27	(15.54 - 21.35)	3.68	(2.74 - 4.92)	4.93	(3.80 - 6.39)
Region 4	8.91	(7.47 - 10.58)	1.87	(1.33 - 2.62)	2.72	(2.05 - 3.61)
Region B	11.21	(10.03 - 12.52)	2.30	(1.85 - 2.85)	4.07	(3.39 - 4.88)
Region 5	11.33	(9.88 - 12.95)	2.28	(1.76 - 2.95)	4.39	(3.54 - 5.44)
Region 6	10.97	(9.18 - 13.07)	2.34	(1.75 - 3.14)	3.39	(2.61 - 4.40)
Region C	13.54	(12.48 - 14.68)	2.80	(2.37 - 3.31)	4.32	(3.80 - 4.91)
Region 7	12.78	(10.56 - 15.39)	2.57	(1.93 - 3.41)	4.03	(3.11 - 5.20)
Region 8	15.62	(13.26 - 18.32)	2.87	(2.16 - 3.79)	4.03	(3.19 - 5.07)
Region 9	12.96	(10.88 - 15.37)	2.58	(1.91 - 3.48)	4.70	(3.74 - 5.90)
Region 10	16.38	(13.66 - 19.52)	2.68	(2.04 - 3.53)	4.60	(3.64 - 5.79)
Region 11	13.23	(11.31 - 15.43)	3.12	(2.29 - 4.23)	4.01	(3.13 - 5.12)
Region 12	12.02	(10.16 - 14.16)	2.85	(2.15 - 3.77)	4.64	(3.70 - 5.81)
Region D	11.70	(10.27 - 13.31)	2.41	(1.94 - 2.99)	4.67	(3.94 - 5.52)
Region 13	10.67	(8.56 - 13.24)	2.21	(1.61 - 3.03)	4.63	(3.50 - 6.12)
Region 14	12.12	(9.88 - 14.78)	2.42	(1.77 - 3.30)	4.12	(3.17 - 5.34)
Region 15	12.21	(10.03 - 14.79)	2.57	(1.89 - 3.49)	5.22	(4.01 - 6.76)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
North Carolina	9.52	(8.35 - 10.84)	2.18	(1.71 - 2.78)	4.78	(3.99 - 5.72)
Eastern	8.00	(6.41 - 9.95)	2.21	(1.56 - 3.12)	4.54	(3.40 - 6.05)
North Central	9.70	(7.79 - 12.01)	2.15	(1.50 - 3.07)	5.43	(4.14 - 7.10)
South Central	9.06	(7.27 - 11.24)	1.97	(1.39 - 2.78)	4.21	(3.17 - 5.59)
Western	10.61	(8.84 - 12.68)	2.34	(1.73 - 3.16)	4.87	(3.83 - 6.17)
North Dakota	9.76	(8.66 - 10.97)	1.82	(1.42 - 2.32)	3.73	(3.03 - 4.59)
Badlands and West Central Lake Region and South Central	8.21	(6.66 - 10.10)	1.57	(1.11 - 2.21)	3.43	(2.50 - 4.70)
North Central and Northwest	7.48	(5.86 - 9.49)	1.48	(1.02 - 2.16)	3.43	(2.48 - 4.74)
Northeast	8.43	(6.76 - 10.45)	1.68	(1.18 - 2.40)	4.06	(2.97 - 5.52)
Southeast	10.62	(8.56 - 13.10)	1.97	(1.39 - 2.77)	4.39	(3.25 - 5.91)
Ohio	10.70	(10.03 - 11.40)	2.34	(2.03 - 2.70)	4.73	(4.29 - 5.21)
Boards 2, 46, 55, and 68	9.47	(7.66 - 11.65)	2.00	(1.47 - 2.70)	4.65	(3.67 - 5.87)
Boards 3, 52, and 85	8.36	(6.64 - 10.48)	1.75	(1.28 - 2.40)	4.22	(3.27 - 5.44)
Boards 4 and 78	9.93	(7.88 - 12.45)	2.28	(1.67 - 3.09)	4.96	(3.84 - 6.38)
Boards 5 and 60	10.44	(8.49 - 12.78)	2.47	(1.85 - 3.29)	5.07	(3.93 - 6.52)
Boards 7, 15, 41, 79, and 84	9.23	(7.46 - 11.37)	2.18	(1.62 - 2.93)	4.47	(3.47 - 5.73)
Boards 8, 13, and 83	10.08	(8.18 - 12.38)	1.92	(1.44 - 2.57)	5.26	(4.12 - 6.68)
Board 9 (Butler)	11.36	(9.28 - 13.85)	2.25	(1.67 - 3.03)	5.68	(4.40 - 7.30)
Board 12	10.78	(8.71 - 13.26)	2.27	(1.70 - 3.03)	5.07	(3.92 - 6.55)
Boards 18 and 47	11.15	(9.62 - 12.89)	2.30	(1.72 - 3.06)	4.13	(3.33 - 5.11)
Boards 20, 32, 54, and 69	8.24	(6.47 - 10.45)	1.96	(1.45 - 2.65)	4.27	(3.27 - 5.54)
Boards 21, 39, 51, 70, and 80	8.96	(7.30 - 10.96)	1.99	(1.51 - 2.63)	4.51	(3.52 - 5.76)
Boards 22, 74, and 87	9.73	(7.84 - 12.03)	2.06	(1.53 - 2.76)	4.16	(3.19 - 5.42)
Boards 23 and 45	8.60	(6.85 - 10.75)	2.09	(1.56 - 2.79)	5.06	(3.98 - 6.41)
Board 25 (Franklin)	13.04	(11.22 - 15.09)	2.95	(2.28 - 3.80)	5.49	(4.50 - 6.69)
Boards 27, 71, and 73	7.99	(6.38 - 9.96)	1.99	(1.48 - 2.67)	5.13	(4.07 - 6.45)
Boards 28, 43, and 67	8.15	(6.61 - 10.01)	2.05	(1.54 - 2.72)	4.69	(3.71 - 5.90)
Board 31 (Hamilton)	11.78	(9.87 - 14.01)	2.71	(1.95 - 3.75)	4.52	(3.57 - 5.72)
Board 48 (Lucas)	12.31	(10.19 - 14.81)	2.36	(1.68 - 3.31)	4.62	(3.59 - 5.93)
Board 50 and 76	10.92	(8.93 - 13.27)	2.46	(1.81 - 3.33)	4.96	(3.86 - 6.34)
Board 57 (Montgomery)	15.41	(12.68 - 18.59)	2.79	(2.00 - 3.89)	5.24	(4.09 - 6.69)
Board 77 (Summit)	11.10	(9.16 - 13.38)	2.77	(2.02 - 3.79)	4.12	(3.24 - 5.23)
Oklahoma	9.35	(8.16 - 10.70)	1.92	(1.48 - 2.48)	5.49	(4.65 - 6.48)
Central	9.08	(7.13 - 11.50)	1.89	(1.33 - 2.68)	6.25	(4.80 - 8.10)
East Central	7.25	(5.48 - 9.54)	1.51	(1.02 - 2.22)	5.06	(3.74 - 6.80)
Northeast	8.47	(6.65 - 10.74)	1.79	(1.26 - 2.55)	5.39	(4.08 - 7.08)
Northwest and Southwest	7.65	(5.87 - 9.92)	1.76	(1.24 - 2.49)	4.97	(3.70 - 6.64)
Oklahoma County	11.82	(9.35 - 14.82)	2.41	(1.67 - 3.45)	5.58	(4.24 - 7.32)
Southeast	7.95	(6.22 - 10.12)	1.71	(1.20 - 2.44)	5.74	(4.35 - 7.54)
Tulsa County	11.70	(9.31 - 14.60)	2.11	(1.47 - 3.01)	5.54	(4.23 - 7.22)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Oregon	13.50	(12.05 - 15.08)	2.27	(1.78 - 2.88)	5.60	(4.75 - 6.58)
Region 1 (Multnomah)	16.65	(13.90 - 19.83)	3.10	(2.23 - 4.28)	6.39	(4.96 - 8.19)
Region 2	13.19	(10.89 - 15.90)	1.89	(1.37 - 2.61)	5.51	(4.32 - 7.01)
Region 3	13.03	(10.96 - 15.44)	2.17	(1.55 - 3.02)	5.02	(3.89 - 6.46)
Region 4	11.58	(9.34 - 14.26)	2.07	(1.47 - 2.90)	6.36	(4.90 - 8.23)
Region 5	12.42	(9.67 - 15.80)	2.12	(1.46 - 3.07)	5.00	(3.70 - 6.74)
Pennsylvania	10.08	(9.43 - 10.76)	2.41	(2.09 - 2.77)	3.96	(3.57 - 4.40)
Region 1 (Allegheny)	11.95	(10.17 - 13.98)	2.86	(2.17 - 3.78)	4.14	(3.33 - 5.14)
Regions 2, 3, 8, and 9	7.78	(6.25 - 9.63)	2.06	(1.53 - 2.78)	4.11	(3.22 - 5.24)
Regions 4, 11, 42, and 48	9.27	(7.66 - 11.18)	2.03	(1.53 - 2.70)	3.65	(2.84 - 4.67)
Regions 5, 20, 26, 28, and 40	8.33	(6.92 - 10.00)	1.87	(1.43 - 2.46)	3.93	(3.13 - 4.93)
Regions 6, 12, 16, 35, 39, 41, 44, and 45	10.84	(9.29 - 12.62)	2.55	(1.99 - 3.26)	4.26	(3.41 - 5.31)
Regions 7, 13, 22, and 37	10.38	(9.10 - 11.82)	2.28	(1.80 - 2.88)	3.67	(3.02 - 4.45)
Regions 10, 14, 15, 25, 31, 36, and 46	7.87	(6.43 - 9.61)	2.17	(1.63 - 2.88)	4.29	(3.38 - 5.44)
Regions 17, 24, 27, 43, and 47	7.87	(6.39 - 9.66)	2.40	(1.80 - 3.21)	4.09	(3.21 - 5.20)
Region 18 (Philadelphia)	13.69	(11.88 - 15.72)	3.46	(2.57 - 4.63)	4.47	(3.59 - 5.55)
Regions 19 and 23	10.79	(8.70 - 13.32)	2.44	(1.79 - 3.31)	4.79	(3.70 - 6.19)
Regions 21, 30, 32, and 49	8.28	(7.03 - 9.73)	1.84	(1.39 - 2.42)	3.23	(2.55 - 4.08)
Regions 29 and 34	10.38	(8.50 - 12.63)	2.54	(1.89 - 3.39)	4.40	(3.42 - 5.63)
Regions 33 and 38	9.42	(7.64 - 11.57)	2.13	(1.59 - 2.86)	3.65	(2.82 - 4.71)
Rhode Island	15.48	(13.94 - 17.16)	3.62	(2.88 - 4.54)	5.97	(5.05 - 7.05)
Bristol and Newport	16.41	(13.40 - 19.94)	3.68	(2.59 - 5.21)	6.20	(4.63 - 8.26)
Kent	13.63	(11.15 - 16.57)	3.27	(2.34 - 4.56)	6.27	(4.82 - 8.12)
Providence	14.92	(13.08 - 16.98)	3.67	(2.80 - 4.82)	5.76	(4.68 - 7.07)
Washington	19.68	(15.78 - 24.26)	3.74	(2.74 - 5.08)	6.39	(4.88 - 8.33)
South Carolina	9.47	(8.30 - 10.77)	2.58	(2.01 - 3.30)	4.95	(4.15 - 5.90)
Region 1	9.36	(7.58 - 11.51)	2.50	(1.82 - 3.43)	5.36	(4.18 - 6.84)
Region 2	9.66	(8.07 - 11.52)	2.52	(1.85 - 3.41)	4.71	(3.73 - 5.94)
Region 3	8.32	(6.48 - 10.62)	2.40	(1.62 - 3.55)	4.56	(3.35 - 6.19)
Region 4	10.14	(8.18 - 12.51)	2.84	(1.99 - 4.04)	5.07	(3.84 - 6.66)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
South Dakota	9.38	(8.31 - 10.57)	1.70	(1.30 - 2.23)	3.25	(2.63 - 4.01)
Eastern Planning Area	8.56	(7.48 - 9.79)	1.73	(1.31 - 2.28)	3.07	(2.45 - 3.84)
Region 3 (Minnehaha)	10.45	(8.68 - 12.54)	2.18	(1.55 - 3.05)	3.26	(2.41 - 4.40)
Region 4	7.31	(5.70 - 9.34)	1.53	(1.04 - 2.26)	2.87	(2.05 - 4.00)
Region 5	7.85	(6.03 - 10.16)	1.55	(1.05 - 2.29)	2.98	(2.13 - 4.15)
Region 6	6.67	(5.15 - 8.59)	1.48	(1.00 - 2.17)	2.92	(2.09 - 4.06)
Region 7	9.49	(7.47 - 11.98)	1.67	(1.15 - 2.41)	3.23	(2.37 - 4.39)
Western Planning Area	11.35	(9.56 - 13.43)	1.64	(1.19 - 2.25)	3.68	(2.82 - 4.78)
Region 1 (Pennington)	11.31	(9.06 - 14.02)	1.81	(1.27 - 2.58)	4.16	(3.06 - 5.63)
Region 2	11.38	(9.15 - 14.07)	1.52	(1.04 - 2.22)	3.35	(2.42 - 4.63)
Tennessee	8.17	(7.13 - 9.33)	2.30	(1.80 - 2.94)	4.67	(3.93 - 5.55)
Region 1	8.62	(6.51 - 11.34)	2.11	(1.46 - 3.02)	5.79	(4.25 - 7.84)
Region 2	9.18	(7.22 - 11.62)	2.28	(1.61 - 3.20)	5.75	(4.34 - 7.59)
Region 3	7.76	(6.19 - 9.68)	2.07	(1.49 - 2.87)	4.71	(3.60 - 6.13)
Region 4 (Davidson)	10.82	(8.40 - 13.83)	3.39	(2.34 - 4.87)	4.97	(3.72 - 6.61)
Region 5	6.66	(5.22 - 8.47)	1.99	(1.43 - 2.75)	4.08	(3.09 - 5.38)
Region 6	7.09	(5.36 - 9.32)	2.14	(1.47 - 3.12)	4.40	(3.25 - 5.94)
Region 7 (Shelby)	8.19	(6.29 - 10.60)	2.53	(1.66 - 3.84)	3.50	(2.57 - 4.75)
Texas	8.49	(7.92 - 9.10)	2.44	(2.14 - 2.77)	4.74	(4.31 - 5.21)
Region 1	9.29	(7.59 - 11.32)	2.60	(2.01 - 3.37)	5.14	(4.06 - 6.49)
Region 2	8.18	(6.38 - 10.45)	2.39	(1.76 - 3.25)	5.27	(4.10 - 6.76)
Region 3	8.28	(7.37 - 9.28)	2.22	(1.83 - 2.70)	4.78	(4.14 - 5.51)
Region 3a	8.54	(7.42 - 9.82)	2.32	(1.85 - 2.90)	4.68	(3.93 - 5.56)
Region 3bc	7.81	(6.50 - 9.36)	2.05	(1.54 - 2.72)	4.96	(3.99 - 6.16)
Region 4	7.20	(5.71 - 9.05)	2.07	(1.55 - 2.76)	5.17	(4.07 - 6.55)
Region 5	8.13	(6.44 - 10.23)	2.32	(1.69 - 3.16)	5.13	(3.99 - 6.57)
Region 6	8.17	(7.21 - 9.24)	2.19	(1.77 - 2.72)	4.18	(3.53 - 4.94)
Region 6a	8.03	(6.99 - 9.20)	2.17	(1.72 - 2.74)	4.08	(3.39 - 4.90)
Region 6bc	9.31	(7.40 - 11.65)	2.38	(1.75 - 3.23)	5.01	(3.87 - 6.46)
Region 7	12.60	(11.10 - 14.27)	3.07	(2.51 - 3.75)	5.78	(4.89 - 6.82)
Region 7a	13.42	(11.39 - 15.76)	3.31	(2.59 - 4.22)	5.99	(4.81 - 7.44)
Region 7bcd	11.38	(9.60 - 13.45)	2.71	(2.06 - 3.54)	5.46	(4.38 - 6.80)
Region 8	7.76	(6.47 - 9.28)	2.78	(2.17 - 3.57)	4.48	(3.54 - 5.65)
Region 9	8.38	(6.58 - 10.61)	2.75	(2.08 - 3.64)	4.98	(3.81 - 6.50)
Region 10	7.08	(5.59 - 8.93)	2.58	(1.91 - 3.49)	4.57	(3.41 - 6.10)
Region 11	6.57	(5.48 - 7.85)	2.56	(2.03 - 3.22)	4.32	(3.50 - 5.32)
Region 11abd	6.89	(5.51 - 8.60)	2.46	(1.86 - 3.25)	4.40	(3.39 - 5.69)
Region 11c (Hidalgo)	5.90	(4.55 - 7.62)	2.76	(2.03 - 3.75)	4.15	(3.12 - 5.51)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Utah	7.86	(6.84 - 9.00)	1.90	(1.45 - 2.50)	5.88	(5.03 - 6.87)
Bear River, Northeastern, Summit, Tooele, and Wasatch	8.31	(6.47 - 10.61)	2.03	(1.41 - 2.92)	6.06	(4.58 - 7.97)
Central, Four Corners, San Juan, and Southwest	5.85	(4.36 - 7.81)	1.56	(1.08 - 2.25)	4.82	(3.54 - 6.55)
Davis County	7.68	(5.83 - 10.04)	1.64	(1.10 - 2.43)	5.32	(3.99 - 7.05)
Salt Lake County	9.30	(7.74 - 11.13)	2.04	(1.45 - 2.87)	6.33	(5.11 - 7.81)
Utah County	5.63	(4.32 - 7.30)	1.88	(1.31 - 2.69)	5.74	(4.44 - 7.39)
Weber, Morgan	7.74	(5.86 - 10.15)	1.95	(1.33 - 2.84)	5.98	(4.46 - 7.98)
Vermont	15.52	(13.96 - 17.23)	2.97	(2.44 - 3.60)	5.25	(4.44 - 6.20)
Champlain Valley	17.37	(15.15 - 19.83)	3.70	(2.91 - 4.69)	5.63	(4.60 - 6.89)
Rural Northeast	15.37	(12.89 - 18.21)	2.56	(1.88 - 3.47)	4.87	(3.75 - 6.31)
Rural Southeast	14.22	(11.60 - 17.31)	2.27	(1.65 - 3.11)	4.25	(3.12 - 5.76)
Rural Southwest	13.14	(10.70 - 16.03)	2.75	(2.02 - 3.74)	6.19	(4.66 - 8.17)
Virginia	9.61	(8.49 - 10.87)	2.34	(1.83 - 3.01)	4.30	(3.59 - 5.14)
Region 1	9.58	(7.68 - 11.88)	2.31	(1.62 - 3.27)	4.94	(3.81 - 6.38)
Region 2	9.14	(7.33 - 11.34)	2.10	(1.46 - 3.01)	4.12	(3.07 - 5.50)
Region 3	10.06	(8.14 - 12.38)	2.37	(1.71 - 3.28)	5.16	(3.96 - 6.69)
Region 4	9.55	(7.71 - 11.76)	2.47	(1.69 - 3.60)	3.46	(2.57 - 4.63)
Region 5	9.83	(8.09 - 11.91)	2.53	(1.75 - 3.65)	4.03	(3.05 - 5.31)
Washington	12.33	(10.98 - 13.82)	2.14	(1.69 - 2.71)	6.00	(5.07 - 7.08)
Region 1	11.89	(9.48 - 14.82)	2.13	(1.55 - 2.92)	6.07	(4.63 - 7.93)
Region 2	10.08	(7.73 - 13.03)	2.08	(1.46 - 2.95)	5.47	(3.99 - 7.46)
Region 3	12.06	(9.76 - 14.80)	2.19	(1.56 - 3.07)	6.12	(4.71 - 7.90)
Region 4 (King)	13.12	(10.94 - 15.66)	2.18	(1.57 - 3.01)	6.06	(4.70 - 7.79)
Region 5	13.32	(10.85 - 16.26)	2.24	(1.62 - 3.08)	6.17	(4.68 - 8.10)
Region 6	11.79	(9.45 - 14.62)	1.97	(1.39 - 2.78)	5.82	(4.47 - 7.56)
West Virginia	9.68	(8.59 - 10.88)	2.53	(2.07 - 3.09)	5.65	(4.83 - 6.61)
Eastern Highland	9.26	(7.50 - 11.37)	2.05	(1.50 - 2.81)	4.54	(3.36 - 6.09)
Northern	10.62	(9.03 - 12.46)	3.01	(2.36 - 3.82)	5.98	(4.92 - 7.24)
Northern A and B	8.88	(6.82 - 11.50)	2.44	(1.77 - 3.35)	5.44	(4.12 - 7.15)
Northern C and D	11.51	(9.55 - 13.82)	3.30	(2.51 - 4.32)	6.25	(4.98 - 7.82)
South Central	9.08	(7.72 - 10.65)	2.49	(1.95 - 3.16)	5.59	(4.58 - 6.82)
South Central I	7.95	(6.05 - 10.38)	2.27	(1.64 - 3.13)	5.05	(3.70 - 6.85)
South Central II	9.94	(7.81 - 12.57)	2.72	(1.95 - 3.78)	6.22	(4.76 - 8.10)
South Central III	9.19	(7.30 - 11.51)	2.46	(1.78 - 3.39)	5.50	(4.14 - 7.28)
Southern	10.01	(8.14 - 12.26)	2.48	(1.87 - 3.27)	6.58	(5.18 - 8.32)
Southern I and III	10.10	(7.85 - 12.91)	2.51	(1.81 - 3.46)	6.89	(5.18 - 9.11)
Southern II	9.84	(7.50 - 12.82)	2.42	(1.72 - 3.41)	5.97	(4.41 - 8.05)

See notes at end of table.

(continued)

Table C3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Wisconsin	10.58	(9.46 - 11.82)	2.68	(2.13 - 3.36)	4.74	(3.97 - 5.63)
Milwaukee	12.59	(10.24 - 15.38)	3.11	(2.18 - 4.43)	4.97	(3.68 - 6.67)
Northeastern	9.49	(7.72 - 11.61)	2.61	(1.90 - 3.57)	4.81	(3.70 - 6.23)
Northern	9.82	(7.67 - 12.48)	2.31	(1.62 - 3.29)	4.24	(3.10 - 5.78)
Southeastern	9.76	(7.87 - 12.04)	2.44	(1.76 - 3.37)	4.80	(3.62 - 6.33)
Southern	11.81	(9.86 - 14.09)	2.86	(2.10 - 3.89)	4.69	(3.63 - 6.05)
Western	9.94	(8.03 - 12.24)	2.60	(1.87 - 3.61)	4.63	(3.51 - 6.08)
Wyoming	10.38	(9.21 - 11.69)	2.14	(1.72 - 2.67)	4.99	(4.22 - 5.90)
Judicial District 1 (Laramie)	9.73	(7.66 - 12.30)	2.27	(1.63 - 3.15)	4.77	(3.54 - 6.38)
Judicial District 2	15.14	(12.35 - 18.42)	2.93	(2.16 - 3.96)	5.65	(4.34 - 7.32)
Judicial District 3	10.01	(7.98 - 12.48)	1.85	(1.33 - 2.56)	4.93	(3.73 - 6.49)
Judicial District 4	9.18	(7.15 - 11.70)	1.84	(1.30 - 2.60)	4.94	(3.65 - 6.66)
Judicial District 5	8.16	(6.18 - 10.70)	1.70	(1.19 - 2.41)	4.25	(3.19 - 5.66)
Judicial District 6	9.01	(6.95 - 11.60)	1.94	(1.38 - 2.71)	4.84	(3.64 - 6.40)
Judicial District 7 (Natrona)	11.30	(8.94 - 14.19)	2.66	(1.90 - 3.72)	5.39	(4.07 - 7.10)
Judicial District 8	7.26	(5.42 - 9.66)	1.68	(1.18 - 2.38)	4.62	(3.37 - 6.30)
Judicial District 9	12.20	(9.45 - 15.61)	2.04	(1.43 - 2.92)	5.39	(3.96 - 7.29)

NOTE: For Substate Region definitions, see Section D.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
National	50.38		22.81		41.71	
Alabama	37.88	(35.20 - 40.65)	18.72	(16.85 - 20.73)	47.05	(44.36 - 49.76)
Region 1	35.60	(31.16 - 40.29)	16.74	(14.17 - 19.66)	45.84	(41.43 - 50.31)
Region 2	40.26	(36.14 - 44.51)	20.11	(17.32 - 23.23)	47.70	(43.78 - 51.65)
Region 3	36.93	(32.18 - 41.95)	19.37	(16.36 - 22.78)	49.21	(44.55 - 53.87)
Region 4	38.11	(34.02 - 42.38)	18.66	(15.97 - 21.69)	45.92	(41.85 - 50.05)
Alaska	49.77	(46.97 - 52.57)	22.31	(20.32 - 24.42)	41.13	(38.46 - 43.86)
Gulf Coast	51.46	(45.18 - 57.70)	23.86	(19.90 - 28.33)	37.54	(32.68 - 42.67)
Rural	34.24	(28.94 - 39.96)	19.76	(16.26 - 23.81)	42.95	(37.73 - 48.33)
Southeast	52.56	(46.51 - 58.54)	21.68	(18.04 - 25.84)	39.81	(34.73 - 45.13)
Urban	51.53	(48.23 - 54.81)	22.55	(20.25 - 25.04)	41.73	(38.67 - 44.85)
Arizona	50.79	(47.95 - 53.63)	24.52	(22.38 - 26.78)	40.02	(37.40 - 42.70)
Maricopa	51.90	(48.48 - 55.29)	24.90	(22.40 - 27.57)	39.61	(36.52 - 42.79)
Pima	53.22	(47.72 - 58.64)	25.52	(21.85 - 29.57)	38.05	(33.51 - 42.81)
Rural North	49.13	(43.34 - 54.95)	23.04	(19.50 - 27.00)	41.82	(36.71 - 47.11)
Rural South	43.56	(37.01 - 50.33)	22.69	(18.64 - 27.31)	43.02	(37.55 - 48.67)
Arkansas	38.39	(35.77 - 41.08)	20.72	(18.86 - 22.72)	43.57	(41.03 - 46.16)
Areas 1 and 5	38.99	(34.45 - 43.72)	21.23	(18.22 - 24.58)	41.57	(37.42 - 45.83)
Areas 2 and 3	35.13	(29.50 - 41.20)	19.12	(15.80 - 22.95)	43.59	(38.52 - 48.79)
Areas 4 and 7	32.50	(27.72 - 37.67)	19.12	(15.97 - 22.73)	46.48	(41.92 - 51.10)
Area 6	39.37	(33.60 - 45.45)	21.61	(18.15 - 25.53)	41.58	(36.66 - 46.68)
Areas 8 and 12	39.99	(34.64 - 45.60)	22.22	(18.77 - 26.10)	43.15	(38.55 - 47.86)
Area 9	45.55	(40.61 - 50.58)	21.25	(18.22 - 24.63)	43.34	(39.09 - 47.69)
Areas 10, 11, and 13	34.29	(29.36 - 39.58)	20.50	(17.22 - 24.23)	46.06	(41.26 - 50.94)
California	50.50	(48.97 - 52.02)	20.80	(19.75 - 21.90)	44.94	(43.49 - 46.40)
Region 1	53.23	(47.78 - 58.61)	21.68	(18.35 - 25.43)	37.68	(33.09 - 42.50)
Region 2	56.64	(52.46 - 60.73)	22.71	(19.97 - 25.70)	40.46	(36.84 - 44.19)
Region 3	50.87	(45.90 - 55.83)	22.03	(19.12 - 25.24)	44.39	(40.40 - 48.46)
Region 4	59.91	(54.98 - 64.65)	22.01	(18.95 - 25.41)	40.33	(36.20 - 44.60)
Region 5	57.34	(53.22 - 61.35)	20.88	(18.22 - 23.81)	42.99	(39.31 - 46.76)
Region 6 (Santa Clara)	49.24	(44.45 - 54.04)	18.17	(15.46 - 21.24)	44.71	(40.54 - 48.95)
Region 7	53.43	(47.70 - 59.06)	22.83	(19.22 - 26.88)	45.27	(40.71 - 49.92)
Region 8	42.74	(38.11 - 47.50)	21.27	(18.29 - 24.59)	46.43	(42.48 - 50.43)
Region 9	50.78	(45.25 - 56.28)	22.56	(19.24 - 26.26)	42.24	(37.88 - 46.72)
Region 10	56.15	(50.85 - 61.31)	24.27	(20.73 - 28.20)	45.15	(40.75 - 49.62)
Region 11 (Los Angeles)	44.85	(42.32 - 47.41)	18.71	(17.02 - 20.52)	49.33	(46.93 - 51.73)
Region 12	46.35	(41.67 - 51.09)	21.24	(18.36 - 24.45)	44.92	(40.98 - 48.93)
Region 13 (Riverside)	45.51	(40.61 - 50.50)	19.79	(16.82 - 23.15)	45.16	(41.03 - 49.36)
Region 14 (Orange)	52.83	(48.66 - 56.97)	20.51	(17.92 - 23.37)	44.08	(40.35 - 47.89)
Region 15	53.76	(49.58 - 57.88)	23.35	(20.76 - 26.15)	43.32	(39.88 - 46.83)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Colorado	59.03	(56.27 - 61.74)	25.32	(23.25 - 27.52)	37.72	(35.13 - 40.37)
Region 1	59.23	(54.14 - 64.12)	26.17	(22.76 - 29.90)	36.68	(32.43 - 41.16)
Regions 2 and 7	59.11	(55.64 - 62.50)	25.60	(22.99 - 28.40)	37.86	(34.60 - 41.23)
Region 3	61.80	(56.34 - 66.98)	23.88	(20.32 - 27.85)	38.27	(33.53 - 43.23)
Region 4	49.19	(42.41 - 56.00)	24.77	(20.64 - 29.42)	41.17	(35.85 - 46.70)
Regions 5 and 6	60.14	(54.13 - 65.85)	25.10	(21.41 - 29.18)	35.54	(30.84 - 40.53)
Connecticut	59.65	(56.79 - 62.44)	24.15	(22.10 - 26.33)	38.79	(36.18 - 41.46)
Eastern	59.72	(53.87 - 65.31)	25.82	(22.15 - 29.86)	35.57	(30.86 - 40.59)
North Central	58.71	(54.30 - 62.99)	24.49	(21.36 - 27.91)	40.52	(36.66 - 44.50)
Northwestern	63.27	(58.25 - 68.02)	24.49	(21.01 - 28.35)	38.45	(34.00 - 43.11)
South Central	58.18	(53.18 - 63.02)	24.02	(20.71 - 27.68)	38.78	(34.66 - 43.06)
Southwest	59.54	(53.95 - 64.89)	22.48	(18.98 - 26.41)	38.56	(33.82 - 43.52)
Delaware	51.97	(49.32 - 54.60)	22.70	(20.82 - 24.70)	40.16	(37.58 - 42.80)
Kent	45.60	(40.36 - 50.94)	21.03	(17.77 - 24.70)	40.73	(36.22 - 45.40)
New Castle (excluding Wilmington city)	57.72	(54.38 - 61.00)	24.53	(22.19 - 27.02)	37.81	(34.72 - 41.00)
Sussex	44.66	(39.25 - 50.20)	19.56	(16.44 - 23.12)	42.49	(37.73 - 47.38)
Wilmington City	46.32	(40.28 - 52.47)	22.17	(18.24 - 26.66)	47.36	(42.02 - 52.76)
District of Columbia	56.40	(53.48 - 59.29)	25.38	(23.13 - 27.77)	44.91	(42.12 - 47.72)
Ward 1	56.75	(50.88 - 62.43)	27.14	(22.91 - 31.83)	44.20	(39.37 - 49.14)
Ward 2	67.89	(62.64 - 72.73)	31.58	(27.32 - 36.18)	35.88	(31.42 - 40.60)
Ward 3	74.68	(69.56 - 79.19)	27.67	(23.91 - 31.78)	37.01	(32.38 - 41.88)
Ward 4	53.19	(47.07 - 59.22)	21.95	(18.30 - 26.09)	48.66	(43.28 - 54.06)
Ward 5	45.39	(39.13 - 51.80)	23.13	(19.46 - 27.26)	48.77	(43.67 - 53.89)
Ward 6	58.92	(52.72 - 64.85)	26.43	(22.18 - 31.17)	44.33	(39.13 - 49.66)
Ward 7	44.09	(38.19 - 50.16)	21.51	(17.84 - 25.71)	52.69	(47.57 - 57.74)
Ward 8	42.60	(37.41 - 47.96)	21.89	(18.45 - 25.76)	51.61	(46.89 - 56.30)
Florida	51.46	(49.99 - 52.93)	21.60	(20.53 - 22.70)	44.89	(43.53 - 46.27)
District 1	51.97	(46.87 - 57.03)	23.76	(20.53 - 27.33)	41.43	(37.15 - 45.85)
District 2	50.76	(46.41 - 55.10)	25.12	(22.00 - 28.51)	42.49	(38.74 - 46.34)
District 3	49.93	(44.73 - 55.13)	23.63	(20.60 - 26.94)	42.15	(38.00 - 46.41)
District 4	49.59	(45.57 - 53.61)	21.54	(18.90 - 24.43)	44.98	(41.29 - 48.73)
District 7	52.06	(48.63 - 55.47)	22.07	(19.75 - 24.57)	44.39	(41.30 - 47.52)
District 8	58.73	(53.90 - 63.40)	20.95	(18.01 - 24.24)	44.36	(40.18 - 48.61)
District 9 (Palm Beach)	53.62	(49.26 - 57.93)	21.08	(18.30 - 24.17)	42.53	(38.53 - 46.62)
District 10 (Broward)	53.71	(49.75 - 57.62)	22.09	(19.52 - 24.90)	44.93	(41.41 - 48.51)
District 11	45.68	(42.41 - 48.99)	19.92	(17.78 - 22.26)	53.82	(50.83 - 56.79)
District 12	51.83	(46.19 - 57.42)	21.09	(17.97 - 24.58)	41.50	(37.10 - 46.03)
District 13	48.51	(43.20 - 53.84)	17.76	(14.89 - 21.04)	43.53	(39.14 - 48.02)
District 14	45.50	(40.45 - 50.64)	19.17	(16.28 - 22.44)	44.17	(39.87 - 48.56)
District 15	52.28	(46.78 - 57.71)	20.22	(17.03 - 23.83)	43.70	(39.26 - 48.25)
Suncoast	54.14	(51.15 - 57.11)	23.08	(20.93 - 25.38)	42.16	(39.41 - 44.97)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Georgia	45.54	(42.94 - 48.16)	21.11	(19.18 - 23.19)	46.31	(43.77 - 48.87)
Region 1	36.50	(31.52 - 41.78)	18.80	(15.78 - 22.25)	43.43	(38.99 - 47.98)
Region 2	41.99	(37.24 - 46.90)	20.52	(17.44 - 23.99)	47.87	(43.48 - 52.31)
Region 3	52.43	(48.70 - 56.13)	22.09	(19.49 - 24.93)	45.87	(42.39 - 49.40)
Region 4	42.59	(37.43 - 47.91)	21.07	(17.66 - 24.95)	48.64	(43.81 - 53.50)
Region 5	40.43	(35.23 - 45.86)	21.11	(17.62 - 25.07)	46.33	(41.56 - 51.17)
Hawaii	47.83	(44.93 - 50.75)	23.45	(21.33 - 25.71)	38.36	(35.54 - 41.27)
Hawaii Island	48.76	(42.93 - 54.63)	24.91	(20.88 - 29.44)	39.74	(34.70 - 45.01)
Honolulu	47.30	(43.95 - 50.68)	23.16	(20.82 - 25.68)	38.22	(35.05 - 41.48)
Kauai and Maui	49.53	(43.93 - 55.13)	23.63	(20.03 - 27.65)	37.95	(33.23 - 42.90)
Idaho	46.58	(43.98 - 49.20)	21.26	(19.42 - 23.21)	39.81	(37.38 - 42.29)
Region 1	54.00	(48.39 - 59.50)	22.97	(19.29 - 27.12)	36.10	(31.78 - 40.66)
Region 2	49.45	(43.43 - 55.50)	22.75	(19.23 - 26.70)	39.47	(34.54 - 44.62)
Region 3	41.43	(36.64 - 46.38)	19.58	(16.66 - 22.89)	39.57	(35.35 - 43.96)
Region 4	55.78	(51.40 - 60.07)	23.26	(20.34 - 26.45)	38.48	(34.78 - 42.31)
Region 5	40.51	(35.36 - 45.88)	19.41	(16.26 - 23.00)	42.73	(38.11 - 47.49)
Region 6	37.43	(32.13 - 43.05)	20.39	(17.09 - 24.13)	42.04	(37.12 - 47.13)
Region 7	36.31	(30.87 - 42.12)	18.49	(15.31 - 22.16)	42.60	(37.88 - 47.45)
Illinois	52.43	(50.98 - 53.87)	25.78	(24.63 - 26.97)	39.68	(38.29 - 41.08)
Region I (Cook)	53.34	(51.20 - 55.47)	26.71	(24.89 - 28.61)	42.62	(40.48 - 44.78)
Region II	55.81	(53.25 - 58.35)	24.36	(22.50 - 26.32)	37.38	(35.08 - 39.74)
Region III	47.17	(43.75 - 50.61)	25.68	(23.38 - 28.13)	36.56	(33.56 - 39.67)
Region IV	48.55	(44.45 - 52.66)	25.29	(22.50 - 28.30)	38.30	(34.79 - 41.94)
Region V	47.29	(43.51 - 51.09)	26.43	(23.74 - 29.31)	38.24	(34.96 - 41.63)
Indiana	48.11	(45.45 - 50.78)	22.65	(20.73 - 24.70)	41.39	(38.87 - 43.95)
Central	51.44	(46.78 - 56.07)	22.06	(19.03 - 25.41)	41.97	(37.94 - 46.10)
East	44.20	(38.17 - 50.41)	23.31	(19.76 - 27.28)	40.09	(35.35 - 45.03)
North Central	47.33	(42.04 - 52.67)	21.47	(18.22 - 25.13)	40.58	(36.14 - 45.17)
Northeast	44.69	(39.00 - 50.53)	20.80	(17.41 - 24.66)	42.07	(37.45 - 46.82)
Northwest	50.31	(44.52 - 56.09)	22.72	(19.26 - 26.59)	42.69	(37.91 - 47.61)
Southeast	41.01	(35.55 - 46.70)	21.22	(17.77 - 25.15)	44.28	(39.30 - 49.37)
Southwest	49.36	(42.97 - 55.77)	23.23	(19.48 - 27.45)	38.27	(33.15 - 43.66)
West	51.72	(46.34 - 57.06)	27.48	(23.87 - 31.41)	39.78	(35.40 - 44.33)
Iowa	55.01	(52.29 - 57.70)	27.40	(25.32 - 29.59)	35.23	(32.83 - 37.70)
Central	56.08	(50.46 - 61.55)	27.92	(24.16 - 32.01)	36.57	(32.23 - 41.15)
North Central	54.37	(48.87 - 59.75)	26.30	(22.72 - 30.23)	33.40	(29.11 - 37.98)
Northeast	56.49	(52.12 - 60.76)	28.30	(25.07 - 31.77)	34.82	(31.11 - 38.72)
Northwest	53.96	(48.27 - 59.56)	25.84	(22.09 - 29.98)	36.71	(32.35 - 41.30)
Southeast	54.67	(49.83 - 59.42)	28.60	(25.25 - 32.21)	34.84	(30.89 - 39.01)
Southwest	52.70	(46.79 - 58.53)	25.57	(21.68 - 29.89)	34.42	(29.72 - 39.44)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kansas	49.31	(46.55 - 52.08)	23.47	(21.45 - 25.62)	39.67	(37.09 - 42.30)
Kansas City Metro	53.86	(49.50 - 58.15)	24.19	(21.21 - 27.44)	41.03	(37.33 - 44.83)
Northeast	48.38	(43.27 - 53.53)	23.93	(20.78 - 27.38)	37.23	(32.89 - 41.78)
South Central	45.80	(40.29 - 51.41)	23.47	(19.84 - 27.53)	38.04	(33.48 - 42.82)
Southeast	46.34	(39.75 - 53.07)	22.93	(19.20 - 27.14)	38.86	(33.76 - 44.22)
West	42.51	(36.72 - 48.51)	21.33	(17.80 - 25.35)	41.07	(36.26 - 46.05)
Wichita (Sedgwick)	50.87	(45.86 - 55.86)	23.38	(20.05 - 27.08)	40.61	(36.29 - 45.09)
Kentucky	40.68	(37.89 - 43.52)	20.17	(18.34 - 22.15)	41.35	(38.74 - 44.01)
Adanta, Cumberland River, and Lifeskills	32.01	(27.52 - 36.85)	17.71	(14.94 - 20.87)	43.89	(39.33 - 48.55)
Bluegrass, Comprehend, and North Key	46.38	(41.96 - 50.86)	21.31	(18.60 - 24.29)	40.74	(36.93 - 44.65)
Communicare and River Valley	37.55	(32.14 - 43.29)	20.12	(16.80 - 23.91)	39.43	(34.74 - 44.32)
Four Rivers and Pennyroyal	38.78	(32.82 - 45.10)	20.14	(16.72 - 24.06)	42.77	(37.39 - 48.32)
Kentucky River, Mountain, and Pathways	30.06	(25.20 - 35.41)	18.75	(15.65 - 22.29)	43.92	(38.96 - 49.01)
Seven Counties	48.55	(43.84 - 53.29)	21.50	(18.48 - 24.85)	39.00	(34.77 - 43.40)
Louisiana	47.01	(44.38 - 49.66)	24.37	(22.40 - 26.45)	42.35	(39.99 - 44.75)
Region 1	47.93	(42.02 - 53.90)	22.41	(18.75 - 26.54)	43.56	(38.76 - 48.48)
Regions 2 and 9	51.07	(46.76 - 55.35)	25.73	(22.64 - 29.09)	42.21	(38.54 - 45.97)
Region 3	46.42	(40.52 - 52.42)	25.57	(21.61 - 29.98)	39.36	(34.47 - 44.48)
Region 4	47.53	(42.16 - 52.97)	26.70	(22.92 - 30.86)	39.25	(34.57 - 44.13)
Regions 5 and 6	43.11	(38.02 - 48.35)	23.87	(20.55 - 27.55)	43.01	(38.43 - 47.70)
Regions 7 and 8	40.66	(36.11 - 45.37)	22.49	(19.36 - 25.96)	45.36	(41.35 - 49.43)
Region 10 (Jefferson)	53.28	(47.54 - 58.94)	24.08	(20.24 - 28.39)	40.83	(36.11 - 45.71)
Maine	51.01	(48.13 - 53.88)	21.68	(19.76 - 23.72)	36.22	(33.66 - 38.87)
Planning Region 1	57.52	(53.61 - 61.35)	22.68	(20.13 - 25.45)	35.08	(31.81 - 38.50)
Region 1 (Cumberland)	59.30	(54.51 - 63.91)	24.00	(20.74 - 27.60)	35.29	(31.26 - 39.55)
Region 2 (York)	55.03	(49.19 - 60.73)	20.81	(17.63 - 24.39)	34.77	(30.34 - 39.49)
Planning Region 2	48.43	(44.75 - 52.13)	21.25	(18.99 - 23.69)	36.75	(33.54 - 40.08)
Region 3	49.66	(44.46 - 54.86)	21.93	(18.91 - 25.28)	37.22	(32.81 - 41.85)
Region 4	44.40	(38.41 - 50.56)	20.11	(16.71 - 24.00)	34.98	(30.16 - 40.12)
Region 5	50.31	(44.32 - 56.29)	21.28	(17.92 - 25.08)	37.68	(32.76 - 42.87)
Planning Region 3	45.68	(41.01 - 50.43)	20.91	(18.20 - 23.91)	37.05	(33.39 - 40.86)
Region 6 (Penobscot)	49.03	(43.10 - 54.98)	21.51	(18.18 - 25.25)	37.82	(33.32 - 42.54)
Region 7	42.91	(36.89 - 49.14)	20.42	(16.96 - 24.38)	36.41	(31.49 - 41.63)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Maryland	53.35	(50.37 - 56.30)	20.73	(18.84 - 22.75)	43.22	(40.42 - 46.06)
Anne Arundel	55.29	(48.77 - 61.63)	20.83	(17.29 - 24.88)	39.58	(34.42 - 44.99)
Baltimore City	44.41	(39.05 - 49.91)	22.66	(18.96 - 26.85)	47.60	(42.67 - 52.58)
Central	59.91	(54.47 - 65.11)	20.77	(17.75 - 24.16)	42.81	(38.18 - 47.56)
Montgomery	60.84	(55.40 - 66.02)	19.66	(16.49 - 23.26)	43.67	(38.94 - 48.52)
Prince George's	44.28	(38.79 - 49.91)	19.47	(16.22 - 23.20)	46.69	(41.86 - 51.58)
Rural	52.06	(46.29 - 57.77)	22.28	(18.98 - 25.96)	41.07	(36.33 - 45.98)
Western	49.69	(43.55 - 55.84)	20.02	(16.85 - 23.61)	39.76	(34.75 - 44.98)
Massachusetts	60.52	(57.90 - 63.08)	27.82	(25.60 - 30.14)	34.46	(31.99 - 37.02)
Boston	58.27	(52.64 - 63.69)	30.49	(26.39 - 34.93)	37.92	(33.31 - 42.75)
Central	55.29	(49.34 - 61.10)	28.45	(24.25 - 33.06)	33.99	(29.41 - 38.89)
Metrowest	65.24	(60.75 - 69.48)	26.58	(23.09 - 30.39)	32.35	(28.29 - 36.70)
Northeast	59.94	(55.26 - 64.45)	26.59	(23.00 - 30.51)	36.15	(31.92 - 40.61)
Southeast	62.25	(57.64 - 66.64)	27.01	(23.58 - 30.75)	32.46	(28.58 - 36.60)
Western	57.39	(51.45 - 63.13)	30.01	(25.71 - 34.69)	35.99	(31.53 - 40.72)
Michigan	52.93	(51.51 - 54.34)	24.52	(23.41 - 25.66)	38.65	(37.32 - 39.99)
Bay	48.80	(43.42 - 54.21)	24.94	(21.54 - 28.68)	36.63	(32.43 - 41.05)
Detroit City	39.44	(35.58 - 43.43)	22.64	(19.82 - 25.74)	49.02	(45.39 - 52.66)
Genesee	52.18	(47.59 - 56.74)	24.67	(21.46 - 28.19)	39.76	(35.92 - 43.72)
Kalamazoo	54.47	(50.30 - 58.58)	27.59	(24.61 - 30.77)	36.66	(33.10 - 40.37)
Kent	52.10	(47.77 - 56.40)	24.32	(21.39 - 27.52)	41.07	(37.14 - 45.11)
Lakeshore	50.80	(47.02 - 54.57)	23.42	(20.81 - 26.25)	39.47	(36.04 - 43.00)
Macomb	58.23	(54.31 - 62.06)	25.91	(23.00 - 29.04)	36.14	(32.87 - 39.54)
Mid South	51.08	(47.48 - 54.66)	23.19	(20.70 - 25.88)	35.35	(32.04 - 38.81)
Northern	52.03	(47.76 - 56.26)	27.32	(24.45 - 30.40)	35.37	(32.00 - 38.90)
Oakland	59.25	(55.78 - 62.64)	24.00	(21.59 - 26.58)	38.91	(35.73 - 42.18)
Pathways	56.04	(49.97 - 61.93)	28.50	(24.56 - 32.80)	35.92	(31.27 - 40.86)
Saginaw	52.52	(46.81 - 58.17)	24.17	(20.64 - 28.09)	38.62	(34.22 - 43.21)
Southeast	53.73	(50.19 - 57.22)	22.51	(20.17 - 25.03)	38.43	(35.27 - 41.70)
St. Clair	52.25	(46.77 - 57.68)	25.32	(21.77 - 29.23)	38.56	(34.25 - 43.06)
Washtenaw	62.52	(58.39 - 66.48)	25.99	(23.03 - 29.18)	38.18	(34.44 - 42.06)
Western	47.39	(41.00 - 53.86)	24.45	(20.79 - 28.52)	33.80	(29.30 - 38.61)
Minnesota	59.32	(56.51 - 62.07)	27.49	(25.36 - 29.72)	36.07	(33.67 - 38.56)
Regions 1 and 2	52.93	(46.76 - 59.01)	28.17	(23.93 - 32.84)	35.95	(31.29 - 40.89)
Regions 3 and 4	53.40	(48.18 - 58.54)	27.53	(23.98 - 31.39)	35.03	(30.98 - 39.30)
Regions 5 and 6	58.87	(53.65 - 63.89)	29.09	(25.48 - 32.99)	35.62	(31.50 - 39.96)
Region 7A (Hennepin)	61.82	(57.21 - 66.23)	27.11	(23.75 - 30.74)	36.31	(32.30 - 40.51)
Region 7B (Ramsey)	59.82	(53.66 - 65.68)	27.92	(23.74 - 32.52)	36.65	(31.65 - 41.95)
Region 7C	64.67	(59.94 - 69.13)	25.78	(22.36 - 29.52)	36.86	(32.89 - 41.02)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Mississippi	36.17	(33.47 - 38.96)	19.67	(17.80 - 21.68)	49.09	(46.39 - 51.79)
Region 1	31.63	(27.22 - 36.40)	17.50	(14.74 - 20.65)	51.20	(46.40 - 55.98)
Region 2	30.75	(26.13 - 35.78)	17.85	(14.73 - 21.46)	51.72	(47.01 - 56.40)
Region 3	34.06	(29.29 - 39.17)	19.74	(16.59 - 23.33)	50.62	(45.93 - 55.29)
Region 4	42.90	(38.09 - 47.85)	22.14	(18.88 - 25.78)	46.92	(42.61 - 51.28)
Region 5	31.16	(25.74 - 37.14)	18.76	(15.21 - 22.91)	50.79	(45.61 - 55.95)
Region 6	36.64	(31.24 - 42.40)	21.93	(18.40 - 25.93)	47.86	(42.96 - 52.81)
Region 7	43.40	(37.45 - 49.54)	20.35	(17.12 - 24.02)	44.97	(40.34 - 49.69)
Missouri	51.57	(48.86 - 54.27)	24.92	(22.91 - 27.04)	38.91	(36.33 - 41.55)
Central	50.92	(45.58 - 56.24)	26.35	(22.79 - 30.25)	36.53	(32.34 - 40.92)
Eastern	57.41	(53.46 - 61.26)	26.85	(23.92 - 30.00)	39.27	(35.86 - 42.78)
Eastern (St. Louis City and County)	57.53	(52.87 - 62.06)	27.06	(23.48 - 30.97)	40.12	(36.00 - 44.39)
Eastern (excluding St. Louis)	57.16	(51.05 - 63.06)	26.42	(22.61 - 30.61)	37.51	(32.80 - 42.47)
Northwest	52.36	(48.27 - 56.42)	23.54	(20.91 - 26.38)	38.85	(35.32 - 42.49)
Northwest (Jackson)	53.47	(48.18 - 58.69)	24.04	(20.73 - 27.69)	40.40	(35.87 - 45.11)
Northwest (excluding Jackson)	51.36	(45.66 - 57.03)	23.08	(19.59 - 26.99)	37.44	(32.88 - 42.23)
Southeast	41.89	(36.19 - 47.83)	23.21	(19.63 - 27.23)	37.83	(33.10 - 42.80)
Southwest	45.04	(39.61 - 50.59)	22.74	(19.48 - 26.35)	41.21	(36.60 - 45.98)
Montana	55.66	(52.87 - 58.41)	27.62	(25.51 - 29.83)	35.95	(33.39 - 38.60)
Region 1	50.44	(44.03 - 56.83)	25.44	(21.43 - 29.92)	37.10	(32.15 - 42.35)
Region 2	50.95	(45.71 - 56.17)	26.49	(22.79 - 30.55)	38.59	(34.04 - 43.35)
Region 3	54.45	(49.48 - 59.34)	27.21	(23.71 - 31.01)	36.46	(32.08 - 41.07)
Region 4	60.57	(56.32 - 64.66)	29.50	(26.33 - 32.88)	34.00	(30.27 - 37.94)
Region 5	56.17	(51.54 - 60.71)	27.49	(24.38 - 30.83)	35.60	(31.68 - 39.71)
Nebraska	54.35	(51.53 - 57.14)	26.33	(24.26 - 28.52)	36.86	(34.32 - 39.48)
Regions 1 and 2	50.70	(44.29 - 57.09)	23.96	(20.14 - 28.24)	37.31	(32.53 - 42.36)
Region 3	55.85	(49.88 - 61.66)	26.86	(23.17 - 30.89)	35.81	(31.19 - 40.71)
Region 4	48.90	(43.14 - 54.68)	24.04	(20.35 - 28.16)	36.31	(31.74 - 41.14)
Region 5	55.04	(50.27 - 59.73)	27.66	(24.49 - 31.06)	33.77	(29.91 - 37.86)
Region 6	56.23	(52.30 - 60.08)	26.74	(23.89 - 29.79)	39.25	(35.64 - 42.98)
Nevada	48.70	(45.71 - 51.70)	21.77	(19.51 - 24.23)	41.89	(39.07 - 44.76)
Clark	47.31	(43.69 - 50.96)	21.61	(18.99 - 24.49)	42.52	(39.15 - 45.95)
Rural	49.75	(44.17 - 55.34)	21.37	(17.91 - 25.30)	39.63	(35.03 - 44.42)
Washoe	53.80	(48.65 - 58.88)	22.82	(19.49 - 26.53)	41.09	(36.69 - 45.64)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Hampshire	59.45	(56.69 - 62.16)	24.55	(22.54 - 26.67)	32.94	(30.50 - 35.47)
Central	57.37	(53.19 - 61.44)	25.40	(22.68 - 28.34)	32.65	(29.21 - 36.29)
Central 1	57.30	(51.95 - 62.48)	26.78	(23.37 - 30.50)	32.89	(28.57 - 37.51)
Central 2	57.43	(51.72 - 62.95)	24.07	(20.58 - 27.95)	32.42	(28.10 - 37.07)
Northern	59.54	(53.97 - 64.87)	25.41	(21.84 - 29.34)	31.06	(26.82 - 35.66)
Southern	60.43	(57.00 - 63.77)	23.94	(21.62 - 26.43)	33.49	(30.62 - 36.49)
Southern 1 (Rockingham)	63.43	(58.41 - 68.17)	24.25	(20.85 - 28.02)	29.05	(25.01 - 33.45)
Southern 2	58.62	(54.41 - 62.70)	23.75	(21.03 - 26.71)	36.18	(32.63 - 39.90)
New Jersey	56.19	(53.33 - 59.01)	21.43	(19.36 - 23.66)	43.95	(41.23 - 46.71)
Central	62.30	(57.52 - 66.85)	22.66	(19.39 - 26.31)	42.36	(38.08 - 46.75)
Metropolitan	55.19	(50.29 - 59.99)	19.88	(16.86 - 23.30)	46.97	(42.57 - 51.42)
Northern	54.34	(49.74 - 58.87)	21.37	(18.53 - 24.50)	43.84	(39.73 - 48.04)
Southern	53.51	(48.25 - 58.69)	21.99	(18.68 - 25.69)	42.32	(37.78 - 47.00)
New Mexico	47.98	(44.93 - 51.04)	23.79	(21.71 - 26.01)	46.69	(43.90 - 49.50)
Region 1	40.73	(36.01 - 45.64)	20.40	(17.20 - 24.01)	47.85	(43.16 - 52.58)
Region 2	49.50	(43.63 - 55.38)	23.16	(19.31 - 27.52)	49.28	(44.22 - 54.36)
Region 3 (Bernalillo)	55.12	(50.54 - 59.61)	25.66	(22.52 - 29.07)	44.73	(40.87 - 48.65)
Region 4	40.52	(34.79 - 46.53)	23.22	(19.72 - 27.14)	45.31	(40.46 - 50.25)
Region 5	47.83	(42.45 - 53.26)	25.15	(21.77 - 28.85)	47.38	(42.79 - 52.02)
New York	53.97	(52.38 - 55.55)	23.98	(22.80 - 25.21)	41.94	(40.48 - 43.42)
Region A	47.64	(45.35 - 49.94)	22.18	(20.60 - 23.85)	46.84	(44.74 - 48.96)
Region 1	41.05	(36.27 - 46.01)	21.82	(18.65 - 25.36)	52.22	(48.13 - 56.28)
Region 2	45.59	(41.97 - 49.26)	20.24	(17.79 - 22.94)	47.17	(43.85 - 50.51)
Region 3	60.72	(56.31 - 64.97)	29.36	(26.01 - 32.96)	40.44	(36.53 - 44.48)
Region 4	44.69	(40.61 - 48.85)	19.75	(17.25 - 22.51)	47.91	(44.28 - 51.56)
Region B	62.26	(59.48 - 64.96)	24.08	(22.06 - 26.21)	41.59	(39.07 - 44.15)
Region 5	62.56	(59.24 - 65.77)	24.40	(21.94 - 27.05)	40.45	(37.41 - 43.57)
Region 6	61.61	(57.17 - 65.87)	23.38	(20.43 - 26.63)	43.99	(39.89 - 48.18)
Region C	57.75	(55.50 - 59.97)	26.04	(24.41 - 27.74)	36.36	(34.39 - 38.38)
Region 7	57.70	(52.52 - 62.71)	24.82	(21.43 - 28.55)	36.45	(32.15 - 40.98)
Region 8	59.20	(54.66 - 63.58)	26.71	(23.66 - 30.01)	34.54	(30.70 - 38.61)
Region 9	56.12	(51.20 - 60.92)	26.31	(23.03 - 29.88)	34.93	(30.98 - 39.09)
Region 10	57.35	(51.60 - 62.90)	26.08	(22.68 - 29.78)	36.50	(32.33 - 40.90)
Region 11	56.38	(52.00 - 60.66)	25.87	(22.89 - 29.09)	38.65	(34.90 - 42.54)
Region 12	59.30	(55.00 - 63.45)	26.26	(23.28 - 29.48)	36.86	(33.28 - 40.60)
Region D	52.47	(49.15 - 55.76)	26.09	(23.81 - 28.49)	36.50	(33.85 - 39.23)
Region 13	54.76	(49.24 - 60.16)	24.66	(21.15 - 28.55)	38.12	(33.77 - 42.66)
Region 14	52.74	(47.11 - 58.31)	28.89	(25.12 - 32.98)	36.51	(32.35 - 40.89)
Region 15	50.19	(44.88 - 55.49)	24.64	(21.39 - 28.21)	35.06	(30.98 - 39.36)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
North Carolina	41.12	(38.32 - 43.97)	19.91	(18.06 - 21.91)	44.96	(42.29 - 47.66)
Eastern	36.48	(32.10 - 41.11)	20.16	(17.15 - 23.55)	44.88	(40.67 - 49.17)
North Central	42.27	(37.33 - 47.37)	20.25	(17.34 - 23.52)	43.22	(38.87 - 47.68)
South Central	40.89	(36.12 - 45.84)	20.60	(17.63 - 23.93)	45.98	(41.50 - 50.52)
Western	43.18	(38.95 - 47.52)	19.04	(16.55 - 21.81)	45.50	(41.79 - 49.27)
North Dakota	59.00	(56.39 - 61.57)	31.81	(29.51 - 34.21)	33.41	(30.94 - 35.97)
Badlands and West Central Lake Region and South Central	59.41	(54.82 - 63.84)	29.66	(26.03 - 33.56)	35.55	(31.52 - 39.80)
North Central and Northwest	49.91	(44.35 - 55.46)	28.17	(24.29 - 32.42)	34.87	(30.47 - 39.54)
Northeast	57.70	(52.72 - 62.53)	33.29	(29.11 - 37.75)	31.58	(27.55 - 35.90)
Southeast	59.40	(54.30 - 64.30)	34.87	(31.03 - 38.93)	33.34	(29.29 - 37.66)
Southeast	64.79	(60.51 - 68.85)	33.53	(30.12 - 37.11)	31.64	(28.04 - 35.48)
Ohio	51.34	(49.93 - 52.74)	23.88	(22.80 - 24.99)	37.85	(36.55 - 39.16)
Boards 2, 46, 55, and 68	49.07	(44.33 - 53.82)	22.18	(19.40 - 25.23)	34.99	(31.13 - 39.06)
Boards 3, 52, and 85	50.44	(45.55 - 55.31)	21.82	(18.81 - 25.17)	37.25	(33.15 - 41.55)
Boards 4 and 78	48.43	(42.92 - 53.98)	24.76	(21.40 - 28.46)	38.39	(34.09 - 42.89)
Boards 5 and 60	46.62	(41.52 - 51.80)	26.66	(23.20 - 30.43)	35.61	(31.56 - 39.88)
Boards 7, 15, 41, 79, and 84	46.77	(41.49 - 52.11)	23.12	(19.97 - 26.61)	36.54	(32.45 - 40.84)
Boards 8, 13, and 83	50.23	(45.19 - 55.27)	21.63	(18.58 - 25.03)	36.46	(32.50 - 40.60)
Board 9 (Butler)	53.00	(47.69 - 58.25)	24.99	(21.78 - 28.51)	37.06	(32.97 - 41.35)
Board 12	48.27	(43.27 - 53.30)	22.30	(19.30 - 25.62)	39.80	(35.55 - 44.20)
Boards 18 and 47	54.85	(51.57 - 58.08)	22.86	(20.51 - 25.39)	39.93	(36.92 - 43.02)
Boards 20, 32, 54, and 69	50.28	(44.92 - 55.63)	23.90	(20.66 - 27.48)	34.58	(30.52 - 38.88)
Boards 21, 39, 51, 70, and 80	51.34	(46.22 - 56.43)	23.61	(20.48 - 27.06)	35.32	(31.34 - 39.51)
Boards 22, 74, and 87	50.38	(44.89 - 55.87)	24.32	(21.08 - 27.88)	36.43	(32.29 - 40.78)
Boards 23 and 45	52.90	(47.75 - 57.99)	23.15	(20.16 - 26.43)	35.13	(31.05 - 39.45)
Board 25 (Franklin)	55.49	(51.94 - 58.98)	26.42	(23.86 - 29.15)	37.78	(34.72 - 40.94)
Boards 27, 71, and 73	37.28	(32.56 - 42.27)	20.99	(17.95 - 24.38)	37.00	(33.04 - 41.13)
Boards 28, 43, and 67	53.64	(48.92 - 58.29)	24.37	(21.31 - 27.71)	36.83	(32.96 - 40.87)
Board 31 (Hamilton)	55.25	(50.98 - 59.44)	26.56	(23.41 - 29.97)	39.33	(35.59 - 43.19)
Board 48 (Lucas)	50.46	(45.87 - 55.03)	25.40	(22.18 - 28.91)	38.99	(35.21 - 42.91)
Board 50 and 76	53.25	(48.50 - 57.93)	24.64	(21.45 - 28.14)	37.34	(33.39 - 41.46)
Board 57 (Montgomery)	48.87	(44.03 - 53.73)	23.07	(19.99 - 26.47)	40.27	(36.27 - 44.39)
Board 77 (Summit)	51.48	(46.81 - 56.13)	22.45	(19.50 - 25.71)	41.00	(36.89 - 45.24)
Oklahoma	42.67	(39.85 - 45.52)	19.86	(18.00 - 21.85)	42.99	(40.21 - 45.81)
Central	48.13	(42.30 - 54.02)	21.99	(18.60 - 25.80)	41.38	(36.55 - 46.38)
East Central	35.36	(29.78 - 41.37)	17.70	(14.39 - 21.58)	44.79	(39.41 - 50.30)
Northeast	43.09	(37.76 - 48.59)	19.34	(16.38 - 22.70)	43.10	(38.33 - 47.99)
Northwest and Southwest	39.77	(34.41 - 45.39)	19.42	(16.17 - 23.14)	41.72	(36.80 - 46.81)
Oklahoma County	46.03	(40.90 - 51.24)	20.84	(17.68 - 24.40)	45.18	(40.62 - 49.83)
Southeast	36.07	(30.84 - 41.64)	18.68	(15.61 - 22.19)	42.16	(37.24 - 47.24)
Tulsa County	48.46	(43.19 - 53.76)	20.69	(17.71 - 24.01)	42.03	(37.63 - 46.56)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Oregon	54.69	(51.87 - 57.48)	20.02	(18.23 - 21.95)	39.24	(36.63 - 41.92)
Region 1 (Multnomah)	57.87	(52.81 - 62.76)	21.55	(18.50 - 24.95)	40.12	(35.77 - 44.64)
Region 2	57.05	(52.64 - 61.34)	19.99	(17.31 - 22.98)	40.54	(36.42 - 44.80)
Region 3	53.23	(48.68 - 57.74)	20.17	(17.55 - 23.08)	38.74	(34.79 - 42.85)
Region 4	52.45	(46.71 - 58.13)	18.16	(15.34 - 21.38)	38.05	(33.46 - 42.86)
Region 5	51.38	(45.16 - 57.56)	19.44	(16.17 - 23.19)	38.07	(33.27 - 43.12)
Pennsylvania	51.94	(50.42 - 53.45)	23.81	(22.66 - 25.00)	36.78	(35.43 - 38.14)
Region 1 (Allegheny)	58.90	(55.13 - 62.56)	27.65	(24.67 - 30.84)	34.27	(30.96 - 37.73)
Regions 2, 3, 8, and 9	48.35	(43.71 - 53.02)	23.37	(20.41 - 26.62)	36.15	(32.37 - 40.11)
Regions 4, 11, 42, and 48	54.76	(50.26 - 59.17)	23.82	(20.89 - 27.03)	33.80	(30.16 - 37.65)
Regions 5, 20, 26, 28, and 40	44.00	(39.51 - 48.60)	20.62	(17.90 - 23.63)	37.89	(34.16 - 41.78)
Regions 6, 12, 16, 35, 39, 41, 44, and 45	52.17	(47.62 - 56.69)	26.90	(23.87 - 30.16)	34.72	(31.06 - 38.57)
Regions 7, 13, 22, and 37	57.89	(54.93 - 60.80)	23.57	(21.38 - 25.91)	38.60	(35.80 - 41.47)
Regions 10, 14, 15, 25, 31, 36, and 46	46.59	(41.99 - 51.24)	23.28	(20.37 - 26.46)	34.72	(31.06 - 38.57)
Regions 17, 24, 27, 43, and 47	50.41	(45.91 - 54.91)	22.04	(19.24 - 25.11)	36.42	(32.79 - 40.22)
Region 18 (Philadelphia)	44.63	(41.03 - 48.30)	23.32	(20.93 - 25.90)	40.57	(37.32 - 43.90)
Regions 19 and 23	53.02	(47.16 - 58.81)	27.32	(23.43 - 31.58)	34.56	(30.16 - 39.23)
Regions 21, 30, 32, and 49	49.18	(45.51 - 52.85)	20.91	(18.65 - 23.35)	37.30	(34.18 - 40.52)
Regions 29 and 34	53.80	(48.52 - 59.00)	26.69	(23.21 - 30.49)	32.60	(28.61 - 36.86)
Regions 33 and 38	51.83	(46.69 - 56.93)	22.78	(19.75 - 26.12)	38.60	(34.53 - 42.84)
Rhode Island	59.43	(56.51 - 62.28)	28.15	(25.74 - 30.69)	36.74	(33.97 - 39.59)
Bristol and Newport	64.00	(58.03 - 69.57)	27.98	(23.91 - 32.44)	35.12	(30.40 - 40.16)
Kent	60.59	(54.77 - 66.13)	26.60	(22.93 - 30.62)	34.81	(30.16 - 39.76)
Providence	56.72	(52.96 - 60.41)	28.20	(25.26 - 31.33)	37.80	(34.42 - 41.30)
Washington	66.23	(60.60 - 71.43)	30.16	(25.95 - 34.72)	35.83	(31.04 - 40.92)
South Carolina	43.46	(40.64 - 46.32)	21.77	(19.79 - 23.88)	44.07	(41.36 - 46.81)
Region 1	42.26	(37.57 - 47.09)	22.21	(19.13 - 25.62)	43.13	(38.83 - 47.54)
Region 2	44.74	(40.78 - 48.76)	20.89	(18.36 - 23.67)	44.68	(40.95 - 48.46)
Region 3	40.23	(35.01 - 45.67)	21.38	(17.97 - 25.23)	45.97	(41.23 - 50.79)
Region 4	45.44	(40.31 - 50.68)	22.58	(19.39 - 26.13)	43.04	(38.54 - 47.65)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
South Dakota	57.35	(54.68 - 59.97)	28.81	(26.68 - 31.05)	36.12	(33.60 - 38.72)
Eastern Planning Area	57.81	(54.90 - 60.66)	29.09	(26.82 - 31.47)	35.84	(33.21 - 38.56)
Region 3 (Minnehaha)	61.99	(57.64 - 66.16)	30.39	(26.98 - 34.04)	36.40	(32.66 - 40.32)
Region 4	56.98	(51.33 - 62.45)	29.81	(25.79 - 34.17)	33.59	(29.16 - 38.33)
Region 5	58.18	(52.56 - 63.60)	27.95	(24.04 - 32.22)	34.21	(29.62 - 39.13)
Region 6	53.58	(47.87 - 59.20)	26.46	(22.78 - 30.50)	36.34	(31.77 - 41.17)
Region 7	55.77	(49.95 - 61.43)	29.74	(25.80 - 34.01)	38.62	(34.01 - 43.44)
Western Planning Area	56.24	(52.18 - 60.22)	28.14	(25.16 - 31.33)	36.79	(33.16 - 40.57)
Region 1 (Pennington)	57.95	(52.60 - 63.13)	27.27	(23.66 - 31.22)	36.68	(32.32 - 41.28)
Region 2	55.09	(49.68 - 60.38)	28.73	(24.79 - 33.02)	36.86	(32.24 - 41.74)
Tennessee	36.73	(34.24 - 39.29)	16.03	(14.36 - 17.86)	46.00	(43.49 - 48.52)
Region 1	35.45	(29.79 - 41.56)	16.60	(13.50 - 20.25)	42.88	(37.64 - 48.28)
Region 2	37.87	(32.89 - 43.12)	16.97	(14.14 - 20.24)	43.16	(38.69 - 47.74)
Region 3	32.99	(28.71 - 37.58)	13.78	(11.29 - 16.71)	45.57	(41.35 - 49.85)
Region 4 (Davidson)	43.77	(38.62 - 49.07)	17.51	(14.43 - 21.09)	45.03	(40.35 - 49.80)
Region 5	36.12	(31.66 - 40.84)	15.60	(13.12 - 18.44)	47.52	(43.42 - 51.65)
Region 6	29.93	(24.90 - 35.49)	15.70	(12.86 - 19.04)	47.75	(42.74 - 52.81)
Region 7 (Shelby)	40.97	(35.80 - 46.34)	16.84	(13.77 - 20.44)	48.98	(44.43 - 53.55)
Texas	47.29	(45.95 - 48.64)	23.69	(22.67 - 24.75)	44.42	(43.06 - 45.79)
Region 1	51.22	(46.22 - 56.19)	27.17	(23.85 - 30.78)	41.54	(37.41 - 45.80)
Region 2	42.98	(37.56 - 48.56)	22.00	(18.79 - 25.59)	41.82	(37.35 - 46.44)
Region 3	49.13	(46.96 - 51.31)	22.31	(20.73 - 23.97)	44.13	(42.04 - 46.24)
Region 3a	49.55	(46.87 - 52.24)	21.95	(20.05 - 23.97)	44.30	(41.68 - 46.95)
Region 3bc	48.40	(44.81 - 52.01)	22.94	(20.39 - 25.70)	43.83	(40.60 - 47.11)
Region 4	39.70	(34.75 - 44.87)	20.84	(17.80 - 24.24)	42.05	(37.87 - 46.35)
Region 5	42.21	(36.96 - 47.63)	21.43	(18.18 - 25.08)	43.00	(38.43 - 47.69)
Region 6	48.63	(46.23 - 51.03)	24.08	(22.24 - 26.01)	44.41	(42.01 - 46.83)
Region 6a	48.76	(46.16 - 51.36)	24.13	(22.12 - 26.25)	44.51	(41.90 - 47.15)
Region 6bc	47.58	(42.46 - 52.75)	23.69	(20.48 - 27.23)	43.55	(39.22 - 47.97)
Region 7	54.35	(51.48 - 57.20)	26.75	(24.55 - 29.07)	40.42	(37.85 - 43.04)
Region 7a	57.73	(53.90 - 61.47)	26.76	(23.91 - 29.81)	41.33	(38.05 - 44.69)
Region 7bcd	49.33	(45.22 - 53.45)	26.73	(23.78 - 29.91)	39.07	(35.37 - 42.90)
Region 8	46.04	(42.43 - 49.70)	23.33	(20.83 - 26.02)	45.09	(41.62 - 48.62)
Region 9	42.77	(37.21 - 48.53)	22.81	(19.43 - 26.60)	45.61	(40.84 - 50.47)
Region 10	43.59	(38.29 - 49.04)	26.06	(22.44 - 30.02)	50.41	(46.16 - 54.65)
Region 11	38.43	(34.99 - 41.98)	24.26	(21.69 - 27.02)	51.55	(48.31 - 54.77)
Region 11abd	40.66	(36.20 - 45.28)	25.28	(21.99 - 28.87)	51.70	(47.57 - 55.80)
Region 11c (Hidalgo)	33.90	(29.33 - 38.79)	22.18	(18.79 - 25.99)	51.24	(46.75 - 55.71)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Utah	29.17	(26.73 - 31.74)	15.07	(13.39 - 16.91)	49.51	(46.90 - 52.13)
Bear River, Northeastern, Summit, Tooele, and Wasatch	29.29	(24.77 - 34.27)	15.82	(12.96 - 19.16)	49.69	(45.08 - 54.29)
Central, Four Corners, San Juan, and Southwest	23.91	(19.38 - 29.11)	13.51	(10.73 - 16.88)	48.41	(43.24 - 53.62)
Davis County	29.03	(24.05 - 34.56)	15.84	(13.00 - 19.15)	48.73	(44.31 - 53.17)
Salt Lake County	35.14	(31.42 - 39.04)	16.51	(14.18 - 19.13)	48.76	(45.19 - 52.34)
Utah County	19.75	(16.18 - 23.89)	11.47	(9.19 - 14.22)	52.90	(48.84 - 56.91)
Weber, Morgan	26.72	(21.99 - 32.06)	15.42	(12.46 - 18.94)	48.84	(44.04 - 53.67)
Vermont	58.24	(55.46 - 60.96)	24.09	(22.13 - 26.16)	35.62	(33.13 - 38.20)
Champlain Valley	62.39	(58.52 - 66.11)	26.28	(23.49 - 29.27)	34.87	(31.52 - 38.38)
Rural Northeast	53.95	(49.17 - 58.66)	23.86	(20.80 - 27.22)	34.26	(30.42 - 38.32)
Rural Southeast	58.23	(52.94 - 63.34)	21.52	(18.34 - 25.08)	37.81	(33.54 - 42.28)
Rural Southwest	54.66	(49.05 - 60.16)	22.63	(19.28 - 26.38)	36.50	(31.92 - 41.35)
Virginia	50.18	(47.23 - 53.12)	21.26	(19.30 - 23.37)	43.48	(40.71 - 46.29)
Region 1	50.48	(44.72 - 56.23)	22.90	(19.54 - 26.65)	41.18	(36.48 - 46.05)
Region 2	58.68	(53.85 - 63.34)	21.34	(18.43 - 24.57)	44.11	(39.73 - 48.58)
Region 3	42.15	(36.99 - 47.48)	21.32	(18.12 - 24.91)	44.95	(40.20 - 49.79)
Region 4	46.55	(41.39 - 51.79)	20.80	(17.76 - 24.21)	43.42	(38.80 - 48.16)
Region 5	49.63	(44.65 - 54.62)	20.42	(17.46 - 23.75)	43.11	(38.85 - 47.47)
Washington	56.49	(53.64 - 59.30)	20.87	(19.05 - 22.82)	38.68	(36.05 - 41.37)
Region 1	54.90	(49.26 - 60.42)	21.40	(18.08 - 25.15)	39.34	(34.57 - 44.33)
Region 2	46.26	(39.93 - 52.71)	20.66	(16.99 - 24.89)	40.25	(35.30 - 45.40)
Region 3	58.76	(53.58 - 63.75)	22.78	(19.55 - 26.37)	38.37	(33.93 - 43.01)
Region 4 (King)	59.78	(55.29 - 64.11)	19.46	(16.80 - 22.41)	38.06	(34.20 - 42.08)
Region 5	58.33	(53.31 - 63.18)	22.71	(19.43 - 26.37)	38.25	(33.91 - 42.78)
Region 6	53.41	(47.85 - 58.89)	19.51	(16.54 - 22.86)	39.12	(34.56 - 43.88)
West Virginia	36.28	(33.71 - 38.93)	19.36	(17.61 - 21.23)	41.43	(38.78 - 44.14)
Eastern Highland	39.05	(34.30 - 44.02)	19.65	(16.80 - 22.85)	41.64	(37.28 - 46.14)
Northern	41.26	(37.36 - 45.27)	22.56	(19.98 - 25.37)	39.08	(35.40 - 42.90)
Northern A and B	41.51	(35.32 - 47.97)	20.47	(17.01 - 24.43)	39.19	(34.03 - 44.61)
Northern C and D	41.13	(36.63 - 45.80)	23.64	(20.57 - 27.00)	39.03	(34.80 - 43.42)
South Central	35.09	(31.76 - 38.58)	17.92	(15.79 - 20.28)	42.02	(38.70 - 45.42)
South Central I	35.84	(29.98 - 42.15)	18.59	(15.43 - 22.22)	42.35	(37.07 - 47.81)
South Central II	33.22	(28.02 - 38.87)	18.27	(15.21 - 21.79)	41.92	(37.06 - 46.93)
South Central III	35.89	(31.15 - 40.91)	17.29	(14.46 - 20.54)	41.90	(37.49 - 46.43)
Southern	28.58	(24.53 - 33.00)	17.39	(14.83 - 20.29)	43.30	(39.11 - 47.58)
Southern I and III	29.10	(24.11 - 34.65)	17.55	(14.49 - 21.10)	43.35	(38.15 - 48.70)
Southern II	27.56	(22.52 - 33.25)	17.08	(13.95 - 20.73)	43.20	(37.91 - 48.64)

See notes at end of table.

(continued)

Table C4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Wisconsin	60.62	(57.86 - 63.32)	30.26	(27.99 - 32.63)	33.58	(31.00 - 36.25)
Milwaukee	58.03	(52.91 - 62.98)	32.18	(28.00 - 36.67)	37.26	(32.89 - 41.85)
Northeastern	61.89	(57.25 - 66.32)	29.43	(25.93 - 33.18)	31.30	(27.45 - 35.42)
Northern	59.94	(54.09 - 65.51)	29.22	(24.96 - 33.88)	33.69	(29.04 - 38.67)
Southeastern	62.77	(57.47 - 67.79)	27.96	(24.10 - 32.18)	35.67	(31.26 - 40.34)
Southern	60.59	(55.72 - 65.26)	30.68	(27.12 - 34.47)	31.67	(27.75 - 35.87)
Western	59.18	(53.72 - 64.42)	32.66	(28.64 - 36.95)	32.13	(27.96 - 36.60)
Wyoming	51.94	(49.19 - 54.68)	24.70	(22.67 - 26.85)	37.16	(34.63 - 39.76)
Judicial District 1 (Laramie)	52.04	(46.90 - 57.14)	23.55	(20.26 - 27.19)	38.15	(33.88 - 42.62)
Judicial District 2	55.75	(50.27 - 61.09)	30.60	(26.82 - 34.67)	36.05	(31.70 - 40.64)
Judicial District 3	46.95	(41.80 - 52.16)	23.75	(20.20 - 27.72)	37.46	(33.20 - 41.91)
Judicial District 4	51.07	(44.44 - 57.66)	22.41	(18.70 - 26.62)	38.49	(33.24 - 44.01)
Judicial District 5	52.38	(46.01 - 58.67)	23.46	(19.85 - 27.50)	37.45	(32.66 - 42.50)
Judicial District 6	52.07	(45.94 - 58.13)	26.74	(22.71 - 31.20)	34.07	(29.55 - 38.91)
Judicial District 7 (Natrona)	52.62	(47.05 - 58.13)	23.64	(20.03 - 27.68)	37.58	(33.02 - 42.38)
Judicial District 8	49.59	(42.91 - 56.29)	22.83	(19.20 - 26.92)	37.15	(32.17 - 42.42)
Judicial District 9	54.95	(48.90 - 60.86)	25.56	(21.51 - 30.09)	37.25	(32.39 - 42.38)

NOTE: For Substate Region definitions, see Section D.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ Binge Alcohol Use is defined as drinking five or more drinks on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
National	28.72		19.25	
Alabama	25.59	(23.47 - 27.83)	17.16	(15.36 - 19.12)
Region 1	24.55	(20.83 - 28.69)	16.89	(13.87 - 20.41)
Region 2	27.37	(23.85 - 31.20)	17.60	(14.80 - 20.79)
Region 3	23.57	(19.82 - 27.79)	16.01	(13.00 - 19.56)
Region 4	26.11	(22.65 - 29.91)	17.88	(14.91 - 21.29)
Alaska	26.36	(24.25 - 28.58)	18.80	(16.93 - 20.83)
Gulf Coast	26.44	(22.31 - 31.01)	21.30	(17.61 - 25.51)
Rural	19.24	(15.27 - 23.96)	15.52	(12.05 - 19.78)
Southeast	26.58	(22.18 - 31.50)	19.08	(15.24 - 23.61)
Urban	27.66	(25.09 - 30.39)	18.93	(16.69 - 21.40)
Arizona	27.89	(25.52 - 30.40)	19.46	(17.38 - 21.72)
Maricopa	27.54	(24.71 - 30.56)	18.38	(15.84 - 21.22)
Pima	29.45	(24.79 - 34.60)	21.74	(17.88 - 26.18)
Rural North	28.27	(23.86 - 33.15)	21.46	(17.50 - 26.02)
Rural South	27.21	(21.95 - 33.21)	19.81	(15.73 - 24.64)
Arkansas	24.50	(22.27 - 26.88)	18.03	(16.16 - 20.05)
Areas 1 and 5	24.46	(20.42 - 29.01)	19.10	(15.74 - 22.98)
Areas 2 and 3	24.48	(20.28 - 29.23)	18.44	(14.77 - 22.78)
Areas 4 and 7	21.98	(18.05 - 26.49)	15.48	(12.46 - 19.07)
Area 6	25.00	(20.51 - 30.09)	18.55	(14.90 - 22.85)
Areas 8 and 12	28.96	(23.84 - 34.69)	20.97	(16.94 - 25.67)
Area 9	24.01	(20.00 - 28.53)	16.78	(13.56 - 20.58)
Areas 10, 11, and 13	24.04	(19.80 - 28.85)	17.46	(13.98 - 21.60)
California	25.17	(23.92 - 26.47)	16.32	(15.25 - 17.45)
Region 1	29.97	(25.25 - 35.16)	21.74	(17.60 - 26.53)
Region 2	27.08	(23.70 - 30.76)	19.22	(16.39 - 22.41)
Region 3	28.24	(24.23 - 32.62)	18.89	(15.74 - 22.51)
Region 4	29.07	(24.55 - 34.04)	18.10	(14.75 - 22.00)
Region 5	26.32	(22.89 - 30.05)	15.21	(12.65 - 18.17)
Region 6 (Santa Clara)	23.14	(19.43 - 27.32)	14.91	(12.07 - 18.29)
Region 7	28.06	(23.24 - 33.45)	18.32	(14.50 - 22.88)
Region 8	23.95	(20.44 - 27.84)	15.93	(13.10 - 19.24)
Region 9	26.44	(22.05 - 31.35)	17.11	(13.73 - 21.11)
Region 10	29.18	(24.84 - 33.93)	21.06	(17.46 - 25.18)
Region 11 (Los Angeles)	21.26	(19.26 - 23.42)	12.87	(11.22 - 14.71)
Region 12	26.47	(23.08 - 30.17)	17.31	(14.47 - 20.56)
Region 13 (Riverside)	25.43	(21.40 - 29.93)	16.95	(13.68 - 20.80)
Region 14 (Orange)	25.76	(22.34 - 29.51)	16.59	(14.00 - 19.55)
Region 15	27.71	(24.24 - 31.47)	18.51	(15.66 - 21.73)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Colorado	33.32	(30.88 - 35.85)	21.42	(19.35 - 23.65)
Region 1	33.72	(29.12 - 38.66)	22.72	(18.82 - 27.14)
Regions 2 and 7	32.59	(29.24 - 36.13)	20.81	(18.09 - 23.80)
Region 3	34.18	(29.52 - 39.17)	21.34	(17.51 - 25.73)
Region 4	32.05	(26.88 - 37.71)	21.96	(17.64 - 27.00)
Regions 5 and 6	35.95	(30.83 - 41.41)	22.61	(18.54 - 27.27)
Connecticut	33.35	(31.09 - 35.69)	21.82	(19.81 - 23.98)
Eastern	36.41	(31.81 - 41.27)	24.64	(20.74 - 29.01)
North Central	32.64	(29.12 - 36.36)	21.22	(18.11 - 24.69)
Northwestern	36.06	(31.51 - 40.88)	23.20	(19.50 - 27.36)
South Central	32.42	(28.60 - 36.49)	21.85	(18.47 - 25.65)
Southwest	30.85	(26.66 - 35.38)	19.35	(15.98 - 23.23)
Delaware	30.48	(28.22 - 32.84)	19.70	(17.69 - 21.88)
Kent	29.41	(25.14 - 34.08)	17.77	(14.51 - 21.57)
New Castle (excluding Wilmington city)	32.71	(29.80 - 35.76)	21.96	(19.34 - 24.84)
Sussex	27.62	(23.62 - 32.02)	17.97	(14.66 - 21.85)
Wilmington City	25.36	(20.58 - 30.81)	13.89	(10.66 - 17.92)
District of Columbia	31.30	(28.70 - 34.03)	17.27	(15.13 - 19.63)
Ward 1	31.50	(25.99 - 37.58)	15.51	(11.73 - 20.24)
Ward 2	47.85	(42.10 - 53.65)	29.11	(23.63 - 35.27)
Ward 3	49.08	(43.30 - 54.88)	31.43	(25.50 - 38.02)
Ward 4	25.57	(20.75 - 31.07)	13.35	(9.98 - 17.64)
Ward 5	27.87	(23.48 - 32.74)	15.53	(12.37 - 19.32)
Ward 6	27.56	(22.26 - 33.57)	15.35	(11.54 - 20.13)
Ward 7	22.24	(18.34 - 26.71)	10.35	(7.75 - 13.68)
Ward 8	22.38	(18.35 - 26.99)	10.69	(8.08 - 14.03)
Florida	27.48	(26.27 - 28.73)	17.35	(16.30 - 18.44)
District 1	29.96	(25.71 - 34.58)	20.20	(16.73 - 24.17)
District 2	30.72	(26.97 - 34.74)	21.65	(18.42 - 25.27)
District 3	32.45	(28.37 - 36.82)	20.94	(17.63 - 24.68)
District 4	24.78	(21.47 - 28.41)	15.88	(13.37 - 18.76)
District 7	28.25	(25.33 - 31.37)	18.58	(16.11 - 21.33)
District 8	28.94	(25.05 - 33.16)	18.47	(15.45 - 21.93)
District 9 (Palm Beach)	25.33	(21.99 - 28.98)	16.05	(13.37 - 19.16)
District 10 (Broward)	29.14	(25.86 - 32.66)	17.14	(14.62 - 20.01)
District 11	22.36	(19.61 - 25.36)	12.72	(10.68 - 15.10)
District 12	29.13	(25.07 - 33.56)	19.44	(16.18 - 23.18)
District 13	25.87	(21.96 - 30.21)	15.67	(12.79 - 19.05)
District 14	25.94	(22.05 - 30.26)	15.79	(12.84 - 19.27)
District 15	28.21	(23.71 - 33.19)	18.04	(14.60 - 22.08)
Suncoast	29.76	(27.22 - 32.43)	18.93	(16.63 - 21.46)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Georgia	24.03	(21.82 - 26.39)	15.65	(13.82 - 17.66)
Region 1	21.95	(18.17 - 26.26)	14.02	(11.22 - 17.38)
Region 2	25.29	(21.29 - 29.76)	15.64	(12.51 - 19.36)
Region 3	24.32	(21.02 - 27.95)	16.27	(13.57 - 19.38)
Region 4	24.05	(20.09 - 28.50)	15.50	(12.41 - 19.18)
Region 5	23.67	(19.54 - 28.37)	15.56	(12.41 - 19.33)
Hawaii	26.99	(24.57 - 29.56)	19.87	(17.76 - 22.15)
Hawaii Island	29.12	(24.14 - 34.65)	22.00	(17.79 - 26.86)
Honolulu	26.11	(23.34 - 29.07)	19.09	(16.70 - 21.74)
Kauai and Maui	29.18	(24.61 - 34.22)	21.56	(17.71 - 25.98)
Idaho	26.97	(24.75 - 29.31)	19.21	(17.31 - 21.27)
Region 1	28.02	(23.50 - 33.04)	20.82	(16.81 - 25.49)
Region 2	31.67	(26.58 - 37.24)	25.01	(20.44 - 30.21)
Region 3	25.86	(21.70 - 30.51)	16.20	(13.00 - 20.01)
Region 4	31.75	(27.80 - 35.98)	20.83	(17.52 - 24.58)
Region 5	25.83	(21.58 - 30.58)	18.56	(15.06 - 22.67)
Region 6	24.49	(20.06 - 29.53)	18.95	(15.17 - 23.42)
Region 7	20.29	(16.02 - 25.36)	16.10	(12.49 - 20.52)
Illinois	29.87	(28.65 - 31.13)	21.15	(20.06 - 22.28)
Region I (Cook)	28.99	(27.08 - 30.97)	19.52	(17.83 - 21.33)
Region II	30.35	(28.26 - 32.52)	21.16	(19.39 - 23.03)
Region III	29.88	(26.98 - 32.95)	23.42	(20.78 - 26.29)
Region IV	32.65	(29.34 - 36.15)	24.18	(21.22 - 27.41)
Region V	30.11	(27.04 - 33.36)	23.08	(20.32 - 26.09)
Indiana	28.05	(25.83 - 30.39)	19.18	(17.26 - 21.26)
Central	27.48	(23.88 - 31.40)	17.11	(14.27 - 20.38)
East	27.90	(22.94 - 33.47)	20.36	(16.28 - 25.16)
North Central	28.49	(23.88 - 33.59)	19.12	(15.41 - 23.47)
Northeast	24.08	(19.75 - 29.02)	16.75	(13.13 - 21.12)
Northwest	27.92	(23.53 - 32.78)	18.66	(15.25 - 22.62)
Southeast	24.74	(20.48 - 29.55)	18.32	(14.83 - 22.40)
Southwest	28.52	(23.57 - 34.05)	20.19	(16.05 - 25.08)
West	34.22	(29.49 - 39.30)	24.57	(20.34 - 29.36)
Iowa	34.58	(32.11 - 37.13)	25.90	(23.65 - 28.28)
Central	33.76	(29.17 - 38.68)	23.68	(19.67 - 28.21)
North Central	34.61	(29.81 - 39.75)	26.17	(21.75 - 31.14)
Northeast	36.07	(32.36 - 39.96)	27.71	(24.24 - 31.47)
Northwest	35.40	(30.53 - 40.58)	25.72	(21.43 - 30.54)
Southeast	33.42	(28.76 - 38.42)	25.48	(21.24 - 30.24)
Southwest	33.12	(28.06 - 38.61)	25.72	(21.27 - 30.74)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kansas	32.07	(29.59 - 34.64)	23.38	(21.22 - 25.68)
Kansas City Metro	32.08	(28.20 - 36.22)	23.51	(20.05 - 27.36)
Northeast	33.12	(28.73 - 37.82)	25.70	(21.96 - 29.84)
South Central	31.12	(26.36 - 36.31)	23.54	(19.44 - 28.20)
Southeast	34.29	(29.28 - 39.67)	25.13	(20.68 - 30.16)
West	30.77	(25.66 - 36.40)	21.91	(17.85 - 26.60)
Wichita (Sedgwick)	31.57	(27.14 - 36.36)	20.51	(16.77 - 24.84)
Kentucky	29.41	(27.23 - 31.68)	19.99	(18.02 - 22.11)
Adanta, Cumberland River, and Lifeskills	25.72	(21.81 - 30.07)	17.59	(14.42 - 21.29)
Bluegrass, Comprehend, and North Key	30.29	(26.68 - 34.17)	18.57	(15.55 - 22.02)
Communicare and River Valley	30.81	(26.00 - 36.07)	22.91	(18.73 - 27.70)
Four Rivers and Pennyroyal	30.47	(25.49 - 35.95)	20.91	(16.79 - 25.73)
Kentucky River, Mountain, and Pathways	26.80	(22.27 - 31.87)	20.20	(16.36 - 24.68)
Seven Counties	31.58	(27.39 - 36.09)	21.79	(18.33 - 25.69)
Louisiana	30.83	(28.56 - 33.19)	19.42	(17.59 - 21.39)
Region 1	29.17	(24.27 - 34.61)	14.41	(11.08 - 18.52)
Regions 2 and 9	31.06	(27.28 - 35.10)	20.29	(17.31 - 23.64)
Region 3	32.52	(27.74 - 37.69)	21.15	(17.20 - 25.72)
Region 4	32.93	(28.65 - 37.51)	21.52	(17.84 - 25.73)
Regions 5 and 6	31.58	(26.94 - 36.62)	21.61	(17.70 - 26.11)
Regions 7 and 8	27.52	(23.47 - 31.99)	17.49	(14.46 - 21.00)
Region 10 (Jefferson)	34.01	(28.95 - 39.46)	20.31	(16.42 - 24.84)
Maine	29.48	(27.29 - 31.76)	21.42	(19.50 - 23.46)
Planning Region 1	30.42	(27.36 - 33.67)	22.15	(19.40 - 25.17)
Region 1 (Cumberland)	31.75	(27.82 - 35.96)	23.11	(19.63 - 27.00)
Region 2 (York)	28.55	(24.34 - 33.18)	20.82	(17.02 - 25.20)
Planning Region 2	29.11	(26.27 - 32.11)	20.61	(18.21 - 23.24)
Region 3	31.23	(27.24 - 35.53)	21.33	(18.02 - 25.07)
Region 4	27.42	(23.07 - 32.23)	19.46	(15.73 - 23.84)
Region 5	27.33	(22.84 - 32.34)	20.60	(16.81 - 24.99)
Planning Region 3	28.78	(25.16 - 32.68)	21.65	(18.66 - 24.97)
Region 6 (Penobscot)	31.27	(26.63 - 36.32)	22.90	(18.98 - 27.36)
Region 7	26.46	(21.70 - 31.84)	20.49	(16.65 - 24.94)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Maryland	28.19	(25.95 - 30.54)	17.12	(15.32 - 19.09)
Anne Arundel	29.84	(25.06 - 35.11)	19.29	(15.58 - 23.64)
Baltimore City	23.87	(19.60 - 28.73)	13.24	(10.22 - 16.99)
Central	32.58	(28.62 - 36.81)	18.87	(15.79 - 22.40)
Montgomery	30.04	(25.49 - 35.03)	17.35	(13.98 - 21.33)
Prince George's	21.48	(17.56 - 26.01)	12.81	(9.95 - 16.33)
Rural	30.56	(25.88 - 35.68)	19.97	(16.35 - 24.15)
Western	26.76	(22.40 - 31.61)	18.36	(15.09 - 22.15)
Massachusetts	34.14	(31.67 - 36.69)	24.07	(21.82 - 26.47)
Boston	33.55	(28.47 - 39.05)	20.95	(16.78 - 25.85)
Central	31.18	(26.62 - 36.13)	24.61	(20.38 - 29.38)
Metrowest	35.30	(31.28 - 39.54)	24.68	(20.91 - 28.88)
Northeast	33.48	(29.07 - 38.19)	22.57	(18.68 - 27.00)
Southeast	33.99	(29.70 - 38.56)	24.14	(20.44 - 28.27)
Western	36.71	(31.84 - 41.87)	27.19	(23.10 - 31.70)
Michigan	30.47	(29.28 - 31.69)	20.79	(19.75 - 21.86)
Bay	32.55	(28.04 - 37.41)	23.45	(19.72 - 27.64)
Detroit City	21.31	(18.46 - 24.48)	11.70	(9.72 - 14.03)
Genesee	30.88	(27.17 - 34.86)	21.46	(18.25 - 25.06)
Kalamazoo	34.85	(31.10 - 38.80)	26.79	(23.45 - 30.41)
Kent	29.44	(25.93 - 33.20)	19.25	(16.37 - 22.51)
Lakeshore	31.40	(28.18 - 34.81)	20.84	(18.14 - 23.82)
Macomb	32.77	(29.14 - 36.62)	22.52	(19.45 - 25.92)
Mid South	29.40	(26.25 - 32.77)	19.25	(16.56 - 22.26)
Northern	36.29	(32.86 - 39.85)	26.70	(23.57 - 30.09)
Oakland	29.71	(26.54 - 33.09)	20.92	(18.20 - 23.92)
Pathways	36.76	(31.89 - 41.91)	26.34	(22.17 - 30.99)
Saginaw	31.09	(26.22 - 36.43)	22.03	(17.91 - 26.79)
Southeast	29.41	(26.61 - 32.38)	19.05	(16.63 - 21.73)
St. Clair	29.94	(25.61 - 34.66)	22.01	(18.36 - 26.16)
Washtenaw	32.90	(28.95 - 37.10)	22.20	(18.66 - 26.19)
Western	28.81	(24.00 - 34.14)	22.73	(18.89 - 27.09)
Minnesota	32.21	(29.92 - 34.59)	22.91	(20.80 - 25.16)
Regions 1 and 2	33.04	(28.06 - 38.44)	26.68	(22.04 - 31.89)
Regions 3 and 4	32.13	(28.00 - 36.58)	24.89	(21.28 - 28.90)
Regions 5 and 6	37.02	(32.96 - 41.27)	25.03	(21.30 - 29.16)
Region 7A (Hennepin)	31.05	(26.94 - 35.49)	19.95	(16.42 - 24.02)
Region 7B (Ramsey)	30.00	(25.28 - 35.20)	20.50	(16.54 - 25.11)
Region 7C	29.26	(25.18 - 33.71)	21.12	(17.63 - 25.08)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Mississippi	23.87	(21.74 - 26.14)	15.41	(13.55 - 17.48)
Region 1	22.74	(18.87 - 27.14)	14.74	(11.78 - 18.31)
Region 2	19.86	(16.36 - 23.89)	12.41	(9.71 - 15.75)
Region 3	23.60	(19.56 - 28.17)	15.11	(11.88 - 19.03)
Region 4	25.24	(21.14 - 29.83)	15.90	(12.66 - 19.78)
Region 5	22.15	(17.86 - 27.12)	14.33	(11.01 - 18.44)
Region 6	24.83	(20.56 - 29.66)	17.00	(13.48 - 21.21)
Region 7	28.23	(23.78 - 33.14)	18.50	(15.01 - 22.58)
Missouri	32.58	(30.33 - 34.92)	22.48	(20.39 - 24.73)
Central	34.93	(30.68 - 39.43)	24.68	(20.62 - 29.25)
Eastern	34.09	(30.76 - 37.58)	23.29	(20.41 - 26.43)
Eastern (St. Louis City and County)	32.53	(28.69 - 36.63)	22.13	(18.86 - 25.79)
Eastern (excluding St. Louis)	36.99	(31.64 - 42.69)	25.45	(21.05 - 30.41)
Northwest	30.40	(26.90 - 34.14)	20.12	(16.98 - 23.67)
Northwest (Jackson)	29.35	(24.89 - 34.25)	17.99	(14.51 - 22.09)
Northwest (excluding Jackson)	31.30	(26.44 - 36.61)	21.95	(17.70 - 26.88)
Southeast	31.04	(26.32 - 36.20)	22.45	(18.41 - 27.09)
Southwest	31.52	(26.97 - 36.45)	22.29	(18.47 - 26.64)
Montana	37.71	(35.36 - 40.12)	28.89	(26.67 - 31.21)
Region 1	36.56	(31.40 - 42.06)	27.37	(22.75 - 32.54)
Region 2	33.71	(29.20 - 38.54)	25.54	(21.36 - 30.21)
Region 3	36.50	(32.13 - 41.11)	29.44	(25.21 - 34.05)
Region 4	40.74	(36.93 - 44.67)	30.00	(26.56 - 33.69)
Region 5	38.41	(34.60 - 42.37)	29.83	(26.32 - 33.59)
Nebraska	33.83	(31.41 - 36.35)	23.84	(21.73 - 26.09)
Regions 1 and 2	35.53	(30.29 - 41.15)	25.58	(21.10 - 30.66)
Region 3	36.78	(31.72 - 42.16)	25.74	(21.42 - 30.58)
Region 4	31.65	(26.87 - 36.86)	22.43	(18.37 - 27.10)
Region 5	36.63	(32.55 - 40.91)	26.59	(22.98 - 30.54)
Region 6	31.28	(27.83 - 34.96)	21.40	(18.45 - 24.67)
Nevada	25.45	(23.09 - 27.97)	16.49	(14.51 - 18.68)
Clark	24.36	(21.54 - 27.43)	15.44	(13.08 - 18.14)
Rural	26.91	(22.77 - 31.51)	18.46	(15.01 - 22.49)
Washoe	28.52	(24.36 - 33.09)	18.96	(15.59 - 22.85)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Hampshire	35.06	(32.75 - 37.44)	24.64	(22.61 - 26.78)
Central	36.66	(33.34 - 40.11)	26.23	(23.38 - 29.30)
Central 1	37.15	(33.09 - 41.39)	28.35	(24.66 - 32.35)
Central 2	36.14	(31.57 - 40.98)	23.98	(20.25 - 28.17)
Northern	36.03	(31.11 - 41.26)	28.65	(24.40 - 33.31)
Southern	34.05	(31.22 - 36.98)	22.93	(20.45 - 25.62)
Southern 1 (Rockingham)	33.55	(29.39 - 37.99)	21.40	(17.96 - 25.31)
Southern 2	34.33	(30.92 - 37.92)	23.82	(20.68 - 27.27)
New Jersey	29.19	(26.82 - 31.68)	17.14	(15.32 - 19.13)
Central	31.95	(27.92 - 36.27)	20.73	(17.43 - 24.47)
Metropolitan	27.33	(23.53 - 31.50)	14.20	(11.41 - 17.54)
Northern	28.65	(24.80 - 32.84)	16.73	(13.89 - 20.02)
Southern	29.22	(25.27 - 33.51)	17.37	(14.39 - 20.82)
New Mexico	31.34	(28.79 - 34.01)	21.91	(19.76 - 24.23)
Region 1	25.49	(21.58 - 29.84)	17.22	(14.00 - 21.00)
Region 2	31.02	(26.18 - 36.31)	22.53	(18.37 - 27.33)
Region 3 (Bernalillo)	35.06	(30.79 - 39.58)	24.94	(21.33 - 28.95)
Region 4	29.04	(23.99 - 34.67)	20.79	(16.77 - 25.47)
Region 5	34.10	(29.76 - 38.71)	23.01	(19.41 - 27.05)
New York	31.54	(30.23 - 32.87)	20.71	(19.56 - 21.90)
Region A	26.24	(24.43 - 28.14)	16.20	(14.65 - 17.88)
Region 1	23.69	(20.11 - 27.69)	14.90	(12.12 - 18.20)
Region 2	24.99	(22.23 - 27.96)	15.14	(12.85 - 17.75)
Region 3	34.62	(30.06 - 39.47)	22.58	(18.67 - 27.05)
Region 4	25.34	(22.06 - 28.93)	15.19	(12.64 - 18.16)
Region B	34.71	(32.24 - 37.26)	22.48	(20.38 - 24.73)
Region 5	34.35	(31.33 - 37.51)	22.78	(20.17 - 25.61)
Region 6	35.47	(31.56 - 39.58)	21.86	(18.72 - 25.36)
Region C	35.43	(33.54 - 37.38)	24.32	(22.70 - 26.01)
Region 7	34.41	(30.32 - 38.74)	23.26	(19.81 - 27.09)
Region 8	34.31	(30.28 - 38.58)	24.43	(21.06 - 28.15)
Region 9	36.08	(32.08 - 40.28)	24.42	(21.09 - 28.10)
Region 10	39.16	(34.69 - 43.83)	28.45	(24.52 - 32.74)
Region 11	35.00	(31.41 - 38.77)	24.16	(21.13 - 27.47)
Region 12	35.34	(31.71 - 39.15)	23.23	(20.07 - 26.72)
Region D	35.33	(32.59 - 38.18)	25.02	(22.61 - 27.60)
Region 13	34.83	(30.22 - 39.74)	24.39	(20.48 - 28.78)
Region 14	37.26	(32.62 - 42.13)	26.46	(22.42 - 30.94)
Region 15	33.94	(29.71 - 38.43)	24.20	(20.64 - 28.15)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
North Carolina	25.69	(23.47 - 28.04)	16.76	(14.94 - 18.75)
Eastern	25.18	(21.77 - 28.93)	17.90	(14.94 - 21.30)
North Central	26.04	(22.05 - 30.46)	16.29	(13.31 - 19.79)
South Central	24.67	(20.94 - 28.82)	16.37	(13.33 - 19.95)
Western	26.55	(23.19 - 30.21)	16.66	(13.93 - 19.80)
North Dakota	42.09	(39.67 - 44.55)	31.98	(29.61 - 34.44)
Badlands and West Central Lake Region and South Central	40.72	(36.54 - 45.03)	30.08	(26.29 - 34.15)
North Central and Northwest	36.86	(32.17 - 41.81)	27.78	(23.51 - 32.49)
Northeast	42.23	(37.47 - 47.15)	32.91	(28.29 - 37.89)
Southeast	44.56	(39.91 - 49.30)	36.07	(31.61 - 40.78)
Ohio	44.85	(40.66 - 49.12)	33.19	(29.30 - 37.32)
Boards 2, 46, 55, and 68	29.66	(28.47 - 30.88)	20.96	(19.88 - 22.10)
Boards 3, 52, and 85	29.98	(26.22 - 34.03)	20.51	(17.30 - 24.15)
Boards 4 and 78	29.42	(25.31 - 33.89)	21.28	(17.63 - 25.44)
Boards 5 and 60	29.99	(25.76 - 34.58)	22.05	(18.43 - 26.14)
Boards 7, 15, 41, 79, and 84	30.47	(25.93 - 35.44)	24.22	(20.26 - 28.67)
Boards 8, 13, and 83	32.17	(27.89 - 36.77)	22.36	(18.70 - 26.51)
Board 9 (Butler)	27.62	(23.72 - 31.90)	18.67	(15.44 - 22.40)
Board 12	32.64	(28.37 - 37.21)	23.32	(19.77 - 27.29)
Boards 18 and 47	26.46	(22.29 - 31.10)	20.28	(16.68 - 24.42)
Boards 20, 32, 54, and 69	30.15	(27.35 - 33.12)	20.45	(17.92 - 23.23)
Boards 21, 39, 51, 70, and 80	29.80	(25.71 - 34.25)	22.94	(19.37 - 26.95)
Boards 22, 74, and 87	27.88	(23.97 - 32.15)	20.67	(17.49 - 24.26)
Boards 23 and 45	31.30	(27.09 - 35.83)	22.34	(18.72 - 26.43)
Board 25 (Franklin)	29.71	(25.62 - 34.16)	21.85	(18.28 - 25.90)
Boards 27, 71, and 73	30.25	(27.21 - 33.46)	21.21	(18.59 - 24.10)
Boards 28, 43, and 67	24.19	(20.54 - 28.27)	18.08	(14.87 - 21.81)
Board 31 (Hamilton)	32.35	(28.61 - 36.34)	24.39	(21.00 - 28.14)
Board 48 (Lucas)	29.70	(26.23 - 33.41)	19.92	(17.09 - 23.10)
Board 50 and 76	29.53	(26.18 - 33.13)	20.33	(17.35 - 23.68)
Board 57 (Montgomery)	32.58	(28.69 - 36.71)	22.33	(18.95 - 26.11)
Board 77 (Summit)	26.87	(22.86 - 31.28)	18.96	(15.71 - 22.70)
Oklahoma	27.95	(24.17 - 32.08)	18.10	(15.15 - 21.47)
Central	28.36	(26.06 - 30.78)	19.43	(17.40 - 21.62)
East Central	31.16	(26.67 - 36.03)	22.45	(18.58 - 26.86)
Northeast	25.17	(20.60 - 30.36)	17.69	(14.04 - 22.05)
Northwest and Southwest	29.21	(24.91 - 33.92)	20.34	(16.48 - 24.84)
Oklahoma County	27.83	(23.38 - 32.76)	19.50	(15.78 - 23.84)
Southeast	28.01	(23.50 - 33.02)	18.00	(14.32 - 22.38)
Tulsa County	26.98	(22.74 - 31.70)	18.91	(15.34 - 23.09)
	30.04	(25.77 - 34.69)	19.74	(16.27 - 23.75)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Oregon	29.21	(26.98 - 31.55)	19.35	(17.46 - 21.39)
Region 1 (Multnomah)	28.89	(24.69 - 33.49)	18.15	(14.77 - 22.11)
Region 2	27.90	(24.26 - 31.86)	18.17	(15.17 - 21.61)
Region 3	29.64	(26.13 - 33.42)	20.48	(17.54 - 23.77)
Region 4	30.04	(25.92 - 34.51)	19.96	(16.62 - 23.77)
Region 5	29.99	(25.16 - 35.31)	19.44	(15.81 - 23.67)
Pennsylvania	30.70	(29.46 - 31.96)	21.15	(20.12 - 22.23)
Region 1 (Allegheny)	37.23	(34.05 - 40.51)	25.32	(22.52 - 28.34)
Regions 2, 3, 8, and 9	30.55	(26.71 - 34.68)	21.66	(18.32 - 25.42)
Regions 4, 11, 42, and 48	33.78	(30.15 - 37.61)	21.88	(18.69 - 25.44)
Regions 5, 20, 26, 28, and 40	27.31	(23.85 - 31.08)	19.65	(16.85 - 22.79)
Regions 6, 12, 16, 35, 39, 41, 44, and 45	36.38	(32.94 - 39.97)	28.94	(25.70 - 32.42)
Regions 7, 13, 22, and 37	31.19	(28.63 - 33.88)	20.92	(18.81 - 23.19)
Regions 10, 14, 15, 25, 31, 36, and 46	29.09	(25.22 - 33.29)	21.56	(18.23 - 25.31)
Regions 17, 24, 27, 43, and 47	30.34	(26.62 - 34.33)	20.56	(17.30 - 24.24)
Region 18 (Philadelphia)	24.99	(22.11 - 28.11)	15.26	(13.02 - 17.80)
Regions 19 and 23	32.60	(28.09 - 37.45)	24.53	(20.45 - 29.13)
Regions 21, 30, 32, and 49	27.35	(24.34 - 30.57)	18.26	(15.74 - 21.09)
Regions 29 and 34	33.87	(29.70 - 38.32)	25.27	(21.67 - 29.25)
Regions 33 and 38	28.56	(24.48 - 33.02)	19.82	(16.43 - 23.72)
Rhode Island	37.85	(35.36 - 40.40)	27.01	(24.69 - 29.46)
Bristol and Newport	39.68	(34.91 - 44.65)	30.23	(25.75 - 35.12)
Kent	35.63	(30.98 - 40.56)	25.92	(21.91 - 30.36)
Providence	37.56	(34.34 - 40.89)	25.66	(22.79 - 28.75)
Washington	39.85	(35.12 - 44.77)	31.44	(26.85 - 36.41)
South Carolina	25.18	(22.98 - 27.51)	17.07	(15.27 - 19.05)
Region 1	26.16	(22.50 - 30.19)	18.79	(15.63 - 22.42)
Region 2	26.05	(22.96 - 29.39)	16.91	(14.30 - 19.88)
Region 3	21.59	(17.68 - 26.08)	14.66	(11.69 - 18.22)
Region 4	25.60	(21.73 - 29.90)	17.21	(14.19 - 20.72)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
South Dakota	38.26	(35.82 - 40.75)	29.09	(26.82 - 31.47)
Eastern Planning Area	38.41	(35.78 - 41.11)	29.28	(26.81 - 31.88)
Region 3 (Minnehaha)	38.28	(34.27 - 42.47)	28.25	(24.44 - 32.40)
Region 4	36.17	(31.25 - 41.41)	27.49	(22.79 - 32.75)
Region 5	40.68	(35.70 - 45.86)	29.63	(25.15 - 34.55)
Region 6	36.92	(31.79 - 42.37)	28.79	(24.34 - 33.69)
Region 7	40.27	(35.41 - 45.33)	32.78	(28.19 - 37.73)
Western Planning Area	37.93	(34.22 - 41.79)	28.67	(25.35 - 32.24)
Region 1 (Pennington)	37.34	(32.56 - 42.38)	27.63	(23.39 - 32.31)
Region 2	38.27	(33.47 - 43.32)	29.28	(25.01 - 33.95)
Tennessee	23.20	(20.95 - 25.62)	14.48	(12.71 - 16.46)
Region 1	26.94	(21.66 - 32.97)	17.59	(13.47 - 22.65)
Region 2	23.33	(19.21 - 28.04)	14.67	(11.44 - 18.63)
Region 3	21.80	(17.71 - 26.52)	13.40	(10.40 - 17.10)
Region 4 (Davidson)	24.93	(20.51 - 29.96)	14.51	(11.30 - 18.43)
Region 5	24.33	(20.31 - 28.86)	15.79	(12.69 - 19.47)
Region 6	22.10	(17.81 - 27.08)	14.77	(11.63 - 18.58)
Region 7 (Shelby)	21.00	(17.12 - 25.48)	12.06	(9.39 - 15.36)
Texas	26.89	(25.67 - 28.16)	17.12	(16.12 - 18.16)
Region 1	34.38	(29.63 - 39.46)	22.77	(18.85 - 27.22)
Region 2	27.73	(23.12 - 32.85)	18.98	(15.29 - 23.32)
Region 3	25.03	(23.00 - 27.18)	16.17	(14.57 - 17.90)
Region 3a	24.45	(22.03 - 27.05)	15.67	(13.74 - 17.82)
Region 3bc	26.05	(22.77 - 29.62)	17.02	(14.47 - 19.91)
Region 4	24.82	(20.76 - 29.38)	16.64	(13.47 - 20.39)
Region 5	27.55	(23.48 - 32.02)	16.59	(13.54 - 20.17)
Region 6	25.62	(23.60 - 27.75)	15.73	(14.04 - 17.58)
Region 6a	25.41	(23.23 - 27.71)	15.31	(13.50 - 17.33)
Region 6bc	27.43	(23.32 - 31.96)	19.27	(15.82 - 23.27)
Region 7	31.09	(28.26 - 34.06)	19.64	(17.35 - 22.15)
Region 7a	31.62	(27.90 - 35.60)	19.34	(16.27 - 22.84)
Region 7bcd	30.40	(26.47 - 34.63)	20.03	(16.86 - 23.62)
Region 8	25.80	(22.55 - 29.33)	16.70	(14.08 - 19.69)
Region 9	29.49	(24.97 - 34.46)	18.97	(15.38 - 23.18)
Region 10	29.24	(24.84 - 34.07)	18.78	(15.16 - 23.01)
Region 11	26.96	(23.95 - 30.18)	16.93	(14.56 - 19.61)
Region 11abd	29.03	(25.06 - 33.34)	18.17	(15.11 - 21.69)
Region 11c (Hidalgo)	23.12	(18.97 - 27.87)	14.64	(11.59 - 18.32)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Utah	19.10	(16.82 - 21.61)	14.25	(12.33 - 16.41)
Bear River, Northeastern, Summit, Tooele, and Wasatch	20.37	(16.30 - 25.15)	15.31	(11.91 - 19.48)
Central, Four Corners, San Juan, and Southwest	15.89	(11.97 - 20.78)	12.98	(9.80 - 17.00)
Davis County	18.62	(14.60 - 23.44)	14.85	(11.46 - 19.04)
Salt Lake County	22.98	(19.54 - 26.83)	15.74	(12.92 - 19.03)
Utah County	13.50	(10.17 - 17.71)	11.23	(8.42 - 14.82)
Weber, Morgan	18.61	(14.43 - 23.66)	14.29	(10.89 - 18.55)
Vermont	34.00	(31.68 - 36.39)	24.33	(22.24 - 26.55)
Champlain Valley	35.60	(32.22 - 39.14)	25.50	(22.50 - 28.74)
Rural Northeast	33.24	(29.31 - 37.42)	23.51	(20.09 - 27.31)
Rural Southeast	33.82	(29.65 - 38.26)	24.41	(20.69 - 28.55)
Rural Southwest	31.13	(26.43 - 36.24)	22.42	(18.55 - 26.83)
Virginia	29.13	(26.97 - 31.40)	20.00	(18.01 - 22.16)
Region 1	31.93	(27.61 - 36.58)	23.22	(19.56 - 27.33)
Region 2	28.94	(25.07 - 33.14)	20.12	(16.79 - 23.92)
Region 3	30.69	(26.38 - 35.36)	23.61	(19.70 - 28.03)
Region 4	26.67	(22.93 - 30.79)	17.18	(14.23 - 20.60)
Region 5	28.07	(24.46 - 31.99)	17.17	(14.20 - 20.61)
Washington	30.66	(28.41 - 33.01)	20.50	(18.54 - 22.62)
Region 1	33.31	(28.84 - 38.11)	22.25	(18.42 - 26.60)
Region 2	27.27	(22.36 - 32.80)	18.88	(14.76 - 23.84)
Region 3	31.18	(26.93 - 35.77)	21.99	(18.15 - 26.38)
Region 4 (King)	29.16	(25.41 - 33.21)	18.66	(15.76 - 21.94)
Region 5	33.61	(29.18 - 38.35)	22.13	(18.45 - 26.32)
Region 6	29.45	(25.07 - 34.25)	19.77	(16.26 - 23.82)
West Virginia	28.25	(25.94 - 30.68)	21.23	(19.17 - 23.44)
Eastern Highland	29.15	(24.93 - 33.77)	21.05	(17.53 - 25.06)
Northern	32.39	(28.87 - 36.12)	25.41	(22.02 - 29.13)
Northern A and B	30.72	(25.50 - 36.49)	23.26	(18.70 - 28.54)
Northern C and D	33.12	(28.84 - 37.70)	26.36	(22.34 - 30.81)
South Central	26.28	(23.16 - 29.65)	19.24	(16.62 - 22.17)
South Central I	27.10	(22.35 - 32.44)	20.06	(16.14 - 24.66)
South Central II	25.68	(20.80 - 31.26)	18.47	(14.52 - 23.20)
South Central III	26.19	(21.78 - 31.13)	19.28	(15.64 - 23.53)
Southern	24.73	(21.09 - 28.78)	18.96	(15.84 - 22.54)
Southern I and III	25.04	(20.54 - 30.14)	19.03	(15.23 - 23.52)
Southern II	24.14	(19.46 - 29.53)	18.83	(14.71 - 23.78)

See notes at end of table.

(continued)

Table C5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Wisconsin	36.45	(34.09 - 38.88)	25.68	(23.53 - 27.95)
Milwaukee	31.06	(26.75 - 35.72)	20.16	(16.54 - 24.35)
Northeastern	37.12	(33.00 - 41.43)	25.63	(22.02 - 29.61)
Northern	38.98	(33.68 - 44.56)	27.81	(23.15 - 33.00)
Southeastern	37.13	(32.69 - 41.80)	25.38	(21.19 - 30.08)
Southern	37.12	(33.15 - 41.27)	26.70	(23.21 - 30.51)
Western	38.51	(33.67 - 43.58)	30.01	(25.60 - 34.83)
Wyoming	32.67	(30.16 - 35.29)	23.87	(21.66 - 26.23)
Judicial District 1 (Laramie)	30.33	(25.52 - 35.60)	21.36	(17.23 - 26.17)
Judicial District 2	40.21	(35.50 - 45.09)	30.70	(26.26 - 35.53)
Judicial District 3	29.66	(25.09 - 34.69)	21.90	(18.13 - 26.20)
Judicial District 4	31.28	(26.25 - 36.80)	22.97	(18.63 - 27.98)
Judicial District 5	35.44	(30.59 - 40.61)	24.70	(20.28 - 29.73)
Judicial District 6	31.68	(26.51 - 37.34)	24.02	(19.77 - 28.86)
Judicial District 7 (Natrona)	32.65	(27.45 - 38.31)	22.28	(17.89 - 27.39)
Judicial District 8	31.84	(26.85 - 37.29)	23.59	(19.29 - 28.52)
Judicial District 9	32.28	(27.10 - 37.94)	24.86	(20.15 - 30.25)

NOTE: For Substate Region definitions, see Section D.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ Binge Alcohol Use is defined as drinking five or more drinks on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
National	25.46		29.81		72.23	
Alabama	27.24	(24.96 - 29.65)	34.04	(31.55 - 36.61)	69.65	(67.36 - 71.86)
Region 1	28.26	(24.68 - 32.14)	35.65	(31.61 - 39.91)	67.40	(63.71 - 70.88)
Region 2	26.62	(23.41 - 30.09)	33.10	(29.46 - 36.95)	70.68	(67.27 - 73.87)
Region 3	26.35	(22.85 - 30.18)	32.78	(28.69 - 37.16)	70.62	(66.89 - 74.09)
Region 4	27.58	(24.28 - 31.15)	34.36	(30.68 - 38.25)	70.24	(66.86 - 73.41)
Alaska	26.23	(23.89 - 28.70)	31.53	(29.00 - 34.18)	70.31	(67.79 - 72.70)
Gulf Coast	27.39	(23.20 - 32.03)	33.71	(28.79 - 39.02)	69.19	(64.77 - 73.29)
Rural	30.14	(25.68 - 35.00)	38.05	(32.50 - 43.92)	66.34	(61.89 - 70.52)
Southeast	26.03	(21.96 - 30.56)	31.92	(27.30 - 36.94)	71.56	(67.31 - 75.45)
Urban	25.40	(22.85 - 28.13)	29.98	(27.16 - 32.97)	70.94	(68.06 - 73.67)
Arizona	26.30	(24.00 - 28.73)	29.39	(26.95 - 31.95)	74.33	(72.02 - 76.51)
Maricopa	25.82	(23.09 - 28.76)	28.60	(25.77 - 31.61)	75.31	(72.68 - 77.77)
Pima	26.52	(22.88 - 30.50)	29.41	(25.32 - 33.86)	74.60	(70.93 - 77.95)
Rural North	26.73	(22.92 - 30.91)	30.83	(26.65 - 35.36)	70.55	(66.26 - 74.50)
Rural South	27.94	(23.57 - 32.78)	31.92	(26.98 - 37.30)	72.77	(68.65 - 76.54)
Arkansas	31.08	(28.69 - 33.59)	37.83	(35.34 - 40.39)	69.75	(67.42 - 71.98)
Areas 1 and 5	30.34	(26.76 - 34.17)	37.22	(33.19 - 41.44)	69.70	(66.28 - 72.91)
Areas 2 and 3	32.19	(27.70 - 37.05)	39.03	(34.07 - 44.23)	68.08	(63.75 - 72.11)
Areas 4 and 7	31.92	(27.90 - 36.23)	38.54	(34.00 - 43.29)	68.18	(64.30 - 71.82)
Area 6	30.34	(26.22 - 34.80)	36.72	(31.85 - 41.88)	69.87	(65.86 - 73.59)
Areas 8 and 12	31.60	(27.58 - 35.92)	39.10	(34.59 - 43.81)	70.31	(66.32 - 74.01)
Area 9	30.48	(26.89 - 34.31)	36.90	(33.06 - 40.92)	71.12	(67.62 - 74.38)
Areas 10, 11, and 13	31.29	(27.25 - 35.63)	37.88	(33.06 - 42.96)	70.77	(66.87 - 74.38)
California	18.33	(17.22 - 19.49)	21.45	(20.28 - 22.68)	77.19	(75.98 - 78.35)
Region 1	23.55	(20.22 - 27.24)	28.29	(24.37 - 32.58)	73.27	(69.75 - 76.51)
Region 2	19.15	(16.75 - 21.80)	24.27	(21.43 - 27.36)	75.63	(72.87 - 78.20)
Region 3	20.03	(17.24 - 23.15)	24.66	(21.46 - 28.15)	75.00	(72.00 - 77.78)
Region 4	18.75	(16.15 - 21.65)	22.20	(19.10 - 25.65)	79.66	(76.76 - 82.28)
Region 5	17.52	(15.22 - 20.08)	20.16	(17.46 - 23.16)	79.62	(77.05 - 81.97)
Region 6 (Santa Clara)	15.76	(13.57 - 18.22)	18.35	(15.71 - 21.32)	79.35	(76.71 - 81.77)
Region 7	19.50	(16.55 - 22.83)	22.11	(18.71 - 25.94)	77.41	(74.21 - 80.31)
Region 8	19.09	(16.55 - 21.91)	22.74	(19.82 - 25.96)	75.60	(72.83 - 78.17)
Region 9	21.12	(18.19 - 24.38)	25.62	(22.10 - 29.48)	74.56	(71.24 - 77.61)
Region 10	17.61	(15.00 - 20.56)	21.39	(18.29 - 24.85)	78.11	(75.19 - 80.78)
Region 11 (Los Angeles)	17.24	(15.58 - 19.03)	19.31	(17.57 - 21.18)	77.72	(75.84 - 79.50)
Region 12	18.81	(16.43 - 21.46)	22.48	(19.51 - 25.75)	75.83	(73.03 - 78.42)
Region 13 (Riverside)	18.77	(16.08 - 21.79)	22.40	(19.18 - 25.98)	76.09	(73.00 - 78.92)
Region 14 (Orange)	18.07	(15.72 - 20.69)	20.84	(18.21 - 23.75)	76.82	(74.05 - 79.38)
Region 15	19.01	(16.72 - 21.53)	21.72	(19.13 - 24.55)	77.31	(74.79 - 79.65)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Colorado	26.62	(24.38 - 29.00)	31.16	(28.86 - 33.55)	71.97	(69.63 - 74.19)
Region 1	25.12	(21.83 - 28.72)	30.58	(26.85 - 34.58)	70.18	(66.42 - 73.68)
Regions 2 and 7	27.00	(24.16 - 30.03)	30.94	(28.05 - 33.98)	73.34	(70.60 - 75.91)
Region 3	25.86	(22.40 - 29.65)	31.02	(27.13 - 35.20)	69.75	(65.70 - 73.52)
Region 4	27.28	(23.10 - 31.90)	33.34	(28.40 - 38.69)	70.93	(66.62 - 74.90)
Regions 5 and 6	27.09	(23.15 - 31.44)	31.95	(27.56 - 36.68)	70.42	(66.21 - 74.32)
Connecticut	23.95	(21.66 - 26.41)	27.41	(24.98 - 29.98)	72.66	(70.26 - 74.92)
Eastern	25.02	(21.33 - 29.12)	28.05	(23.81 - 32.73)	71.06	(67.16 - 74.68)
North Central	24.50	(21.15 - 28.19)	27.65	(24.26 - 31.33)	72.66	(69.29 - 75.79)
Northwestern	26.27	(22.54 - 30.38)	30.91	(26.74 - 35.41)	73.22	(69.47 - 76.66)
South Central	23.51	(20.29 - 27.07)	27.07	(23.41 - 31.07)	72.68	(69.02 - 76.06)
Southwest	20.97	(17.62 - 24.77)	23.93	(20.18 - 28.14)	73.10	(69.14 - 76.72)
Delaware	25.87	(23.81 - 28.04)	29.62	(27.42 - 31.92)	73.63	(71.48 - 75.68)
Kent	27.07	(23.42 - 31.06)	30.88	(26.76 - 35.32)	71.73	(68.10 - 75.10)
New Castle (excluding Wilmington city)	24.81	(22.38 - 27.40)	28.77	(26.15 - 31.55)	74.37	(71.78 - 76.81)
Sussex	26.96	(23.34 - 30.91)	30.42	(26.41 - 34.74)	72.48	(68.81 - 75.88)
Wilmington City	27.42	(23.54 - 31.66)	30.53	(26.01 - 35.46)	75.18	(71.50 - 78.53)
District of Columbia	25.46	(23.11 - 27.97)	28.19	(25.76 - 30.76)	75.84	(73.49 - 78.04)
Ward 1	28.61	(24.41 - 33.21)	30.38	(26.13 - 34.99)	76.38	(72.94 - 79.50)
Ward 2	29.09	(25.25 - 33.27)	31.99	(27.90 - 36.37)	76.43	(73.08 - 79.48)
Ward 3	21.85	(18.48 - 25.63)	24.80	(21.15 - 28.84)	78.42	(74.84 - 81.62)
Ward 4	20.20	(16.67 - 24.25)	22.62	(18.78 - 26.99)	77.82	(73.99 - 81.23)
Ward 5	25.17	(21.01 - 29.85)	28.81	(24.39 - 33.68)	73.56	(69.45 - 77.30)
Ward 6	25.10	(21.06 - 29.61)	28.20	(23.81 - 33.04)	76.96	(73.19 - 80.34)
Ward 7	25.59	(21.66 - 29.96)	28.21	(23.94 - 32.90)	74.00	(69.97 - 77.67)
Ward 8	29.33	(25.17 - 33.88)	31.73	(27.48 - 36.30)	71.55	(67.84 - 75.00)
Florida	24.20	(23.00 - 25.43)	28.45	(27.17 - 29.77)	74.07	(72.82 - 75.28)
District 1	28.12	(24.65 - 31.87)	33.48	(29.57 - 37.62)	71.87	(68.50 - 75.00)
District 2	26.13	(23.09 - 29.42)	31.35	(27.89 - 35.04)	72.42	(69.31 - 75.33)
District 3	25.59	(22.32 - 29.16)	31.24	(27.39 - 35.37)	71.26	(67.87 - 74.42)
District 4	25.82	(22.96 - 28.92)	30.79	(27.51 - 34.28)	71.45	(68.43 - 74.28)
District 7	23.83	(21.37 - 26.47)	28.15	(25.50 - 30.97)	75.83	(73.39 - 78.12)
District 8	23.19	(20.17 - 26.52)	27.77	(24.33 - 31.49)	74.19	(70.79 - 77.32)
District 9 (Palm Beach)	22.88	(19.87 - 26.19)	26.70	(23.34 - 30.35)	73.68	(70.29 - 76.82)
District 10 (Broward)	23.51	(20.83 - 26.42)	26.91	(24.02 - 30.01)	74.08	(71.23 - 76.73)
District 11	21.22	(19.01 - 23.61)	24.04	(21.60 - 26.66)	78.50	(76.25 - 80.59)
District 12	24.51	(21.19 - 28.16)	29.12	(25.28 - 33.30)	72.51	(68.89 - 75.86)
District 13	24.81	(21.38 - 28.59)	30.42	(26.41 - 34.75)	71.16	(67.30 - 74.74)
District 14	25.85	(22.53 - 29.48)	30.06	(26.28 - 34.12)	69.90	(66.07 - 73.47)
District 15	23.84	(20.46 - 27.59)	29.51	(25.56 - 33.80)	72.79	(69.05 - 76.23)
Suncoast	25.45	(23.14 - 27.92)	29.73	(27.18 - 32.41)	73.91	(71.45 - 76.22)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Georgia	26.84	(24.68 - 29.13)	31.80	(29.54 - 34.14)	73.18	(71.02 - 75.24)
Region 1	29.37	(25.54 - 33.52)	36.22	(32.02 - 40.63)	68.96	(65.20 - 72.49)
Region 2	28.96	(25.34 - 32.88)	34.61	(30.47 - 38.99)	72.71	(69.24 - 75.92)
Region 3	23.82	(21.17 - 26.70)	28.33	(25.42 - 31.44)	75.92	(73.19 - 78.46)
Region 4	28.80	(24.94 - 32.99)	32.85	(28.56 - 37.44)	72.49	(68.77 - 75.93)
Region 5	29.16	(25.14 - 33.53)	33.68	(29.43 - 38.22)	70.18	(66.47 - 73.63)
Hawaii	21.12	(18.92 - 23.50)	23.80	(21.54 - 26.21)	71.78	(69.24 - 74.18)
Hawaii Island	23.51	(19.66 - 27.84)	27.02	(22.69 - 31.83)	71.11	(66.87 - 75.00)
Honolulu	20.34	(17.98 - 22.93)	22.78	(20.31 - 25.44)	71.96	(69.06 - 74.68)
Kauai and Maui	22.80	(19.26 - 26.78)	25.94	(21.95 - 30.37)	71.47	(67.37 - 75.25)
Idaho	23.02	(21.11 - 25.04)	27.03	(24.94 - 29.23)	73.44	(71.26 - 75.52)
Region 1	24.19	(20.77 - 27.98)	28.54	(24.60 - 32.83)	71.54	(67.62 - 75.17)
Region 2	24.62	(21.03 - 28.59)	29.72	(25.63 - 34.15)	74.05	(70.22 - 77.54)
Region 3	24.42	(21.26 - 27.87)	28.46	(24.85 - 32.38)	72.74	(69.27 - 75.95)
Region 4	22.58	(19.83 - 25.59)	27.04	(23.88 - 30.46)	75.15	(72.07 - 77.99)
Region 5	23.84	(20.61 - 27.39)	27.24	(23.55 - 31.28)	73.18	(69.62 - 76.47)
Region 6	22.29	(19.20 - 25.71)	25.59	(22.01 - 29.53)	72.52	(68.83 - 75.93)
Region 7	19.71	(16.85 - 22.91)	22.86	(19.42 - 26.71)	73.44	(69.91 - 76.69)
Illinois	27.22	(25.99 - 28.49)	31.48	(30.23 - 32.77)	70.97	(69.67 - 72.22)
Region I (Cook)	27.35	(25.50 - 29.29)	30.78	(28.86 - 32.77)	73.17	(71.32 - 74.94)
Region II	25.90	(23.97 - 27.92)	31.09	(28.99 - 33.27)	71.46	(69.38 - 73.45)
Region III	28.73	(26.13 - 31.47)	33.59	(30.80 - 36.50)	68.15	(65.49 - 70.70)
Region IV	28.44	(25.41 - 31.68)	32.57	(29.32 - 35.99)	66.99	(63.63 - 70.18)
Region V	27.93	(25.02 - 31.05)	32.49	(29.36 - 35.79)	65.98	(62.75 - 69.06)
Indiana	28.35	(26.28 - 30.52)	33.08	(30.79 - 35.45)	69.77	(67.52 - 71.92)
Central	27.85	(24.65 - 31.29)	31.56	(27.87 - 35.49)	71.68	(68.42 - 74.73)
East	29.63	(25.64 - 33.96)	34.99	(30.48 - 39.78)	68.86	(64.77 - 72.68)
North Central	29.76	(26.07 - 33.75)	35.58	(31.35 - 40.05)	68.86	(65.12 - 72.36)
Northeast	25.71	(22.11 - 29.67)	30.13	(26.10 - 34.48)	69.93	(66.00 - 73.58)
Northwest	25.78	(22.06 - 29.89)	30.76	(26.53 - 35.34)	70.79	(66.95 - 74.36)
Southeast	28.30	(24.43 - 32.53)	32.77	(28.39 - 37.48)	69.54	(65.56 - 73.25)
Southwest	29.77	(25.67 - 34.21)	34.74	(30.12 - 39.65)	66.93	(62.63 - 70.96)
West	30.53	(26.87 - 34.45)	35.65	(31.42 - 40.12)	68.61	(64.99 - 72.02)
Iowa	26.58	(24.35 - 28.93)	30.72	(28.58 - 32.93)	66.68	(64.28 - 69.01)
Central	27.13	(23.45 - 31.14)	31.17	(27.33 - 35.28)	67.61	(63.41 - 71.55)
North Central	27.25	(23.62 - 31.20)	30.71	(26.86 - 34.85)	66.57	(62.61 - 70.30)
Northeast	26.73	(23.64 - 30.06)	30.80	(27.34 - 34.49)	65.58	(62.02 - 68.97)
Northwest	25.20	(21.60 - 29.19)	29.52	(25.74 - 33.60)	67.77	(63.93 - 71.40)
Southeast	26.51	(23.03 - 30.30)	31.25	(27.59 - 35.16)	66.45	(62.85 - 69.86)
Southwest	26.97	(23.05 - 31.28)	30.60	(26.26 - 35.32)	66.65	(62.29 - 70.74)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kansas	27.15	(24.86 - 29.56)	32.33	(29.96 - 34.81)	71.29	(69.03 - 73.46)
Kansas City Metro	26.49	(23.37 - 29.85)	31.59	(28.14 - 35.27)	72.24	(69.14 - 75.14)
Northeast	27.51	(24.01 - 31.31)	32.44	(28.54 - 36.59)	70.68	(67.00 - 74.11)
South Central	27.57	(23.71 - 31.80)	33.57	(29.13 - 38.33)	70.86	(66.99 - 74.44)
Southeast	29.85	(25.42 - 34.69)	35.82	(31.01 - 40.93)	68.67	(64.42 - 72.63)
West	25.75	(21.99 - 29.91)	30.84	(26.61 - 35.41)	71.20	(67.36 - 74.75)
Wichita (Sedgwick)	27.41	(23.89 - 31.25)	32.13	(28.28 - 36.25)	71.83	(68.37 - 75.05)
Kentucky	33.96	(31.57 - 36.44)	39.62	(37.15 - 42.15)	62.86	(60.30 - 65.35)
Adanta, Cumberland River, and Lifeskills	34.25	(30.15 - 38.60)	40.65	(36.35 - 45.11)	60.74	(56.63 - 64.71)
Bluegrass, Comprehend, and North Key	31.86	(28.44 - 35.47)	36.12	(32.43 - 39.98)	64.03	(60.42 - 67.48)
Communicare and River Valley	36.39	(31.89 - 41.14)	41.97	(37.10 - 47.01)	59.82	(55.18 - 64.30)
Four Rivers and Pennyroyal	33.79	(29.40 - 38.48)	39.90	(34.89 - 45.13)	63.06	(58.63 - 67.29)
Kentucky River, Mountain, and Pathways	37.54	(33.04 - 42.26)	43.42	(38.55 - 48.43)	61.67	(57.11 - 66.04)
Seven Counties	33.33	(29.49 - 37.40)	39.95	(35.78 - 44.27)	65.15	(61.34 - 68.78)
Louisiana	28.49	(26.38 - 30.70)	32.76	(30.52 - 35.07)	69.08	(66.84 - 71.22)
Region 1	29.12	(25.09 - 33.51)	32.17	(27.73 - 36.97)	71.58	(67.71 - 75.16)
Regions 2 and 9	26.44	(23.48 - 29.62)	30.23	(27.03 - 33.64)	69.01	(65.71 - 72.12)
Region 3	30.13	(26.08 - 34.52)	34.73	(30.11 - 39.64)	66.87	(62.75 - 70.74)
Region 4	28.95	(25.12 - 33.11)	33.33	(29.00 - 37.96)	66.22	(62.00 - 70.20)
Regions 5 and 6	31.42	(27.51 - 35.61)	36.32	(32.11 - 40.74)	66.81	(63.01 - 70.41)
Regions 7 and 8	27.88	(24.67 - 31.33)	33.50	(29.70 - 37.54)	70.37	(67.02 - 73.52)
Region 10 (Jefferson)	28.02	(24.11 - 32.30)	31.11	(26.78 - 35.81)	71.75	(67.94 - 75.27)
Maine	26.48	(24.19 - 28.89)	31.13	(28.65 - 33.72)	69.81	(67.47 - 72.06)
Planning Region 1	25.23	(22.52 - 28.15)	29.91	(26.88 - 33.11)	71.41	(68.58 - 74.09)
Region 1 (Cumberland)	24.34	(21.15 - 27.83)	28.68	(25.10 - 32.55)	72.52	(69.14 - 75.66)
Region 2 (York)	26.49	(22.80 - 30.55)	31.63	(27.30 - 36.30)	69.85	(65.88 - 73.54)
Planning Region 2	27.07	(24.28 - 30.06)	31.81	(28.71 - 35.09)	68.71	(65.78 - 71.50)
Region 3	28.46	(24.69 - 32.56)	33.31	(29.19 - 37.70)	68.38	(64.43 - 72.08)
Region 4	27.50	(23.47 - 31.93)	32.64	(27.96 - 37.68)	67.52	(63.28 - 71.50)
Region 5	24.61	(20.91 - 28.73)	28.84	(24.61 - 33.47)	70.28	(66.12 - 74.14)
Planning Region 3	27.33	(24.19 - 30.71)	31.81	(28.25 - 35.60)	69.24	(65.93 - 72.37)
Region 6 (Penobscot)	28.19	(24.21 - 32.55)	32.37	(27.94 - 37.13)	69.17	(65.26 - 72.83)
Region 7	26.61	(22.83 - 30.77)	31.34	(26.83 - 36.25)	69.30	(65.00 - 73.29)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Maryland	23.24	(21.06 - 25.58)	26.98	(24.56 - 29.55)	73.28	(70.87 - 75.57)
Anne Arundel	24.74	(20.94 - 28.98)	29.79	(25.40 - 34.57)	72.24	(68.01 - 76.11)
Baltimore City	28.92	(24.58 - 33.68)	32.32	(27.66 - 37.35)	72.61	(68.79 - 76.12)
Central	22.86	(19.61 - 26.47)	26.61	(22.73 - 30.89)	74.07	(70.33 - 77.49)
Montgomery	17.07	(14.36 - 20.18)	20.41	(17.26 - 23.96)	76.79	(73.23 - 80.00)
Prince George's	22.36	(18.96 - 26.18)	24.92	(21.18 - 29.07)	73.87	(70.23 - 77.21)
Rural	25.97	(22.18 - 30.16)	30.73	(26.47 - 35.35)	69.87	(65.88 - 73.59)
Western	24.07	(20.39 - 28.18)	28.05	(24.01 - 32.46)	71.20	(67.17 - 74.92)
Massachusetts	21.87	(19.79 - 24.09)	25.76	(23.58 - 28.07)	76.26	(74.00 - 78.39)
Boston	24.91	(21.25 - 28.98)	27.62	(23.67 - 31.96)	77.68	(74.51 - 80.55)
Central	22.83	(19.41 - 26.65)	27.41	(23.43 - 31.79)	73.95	(70.02 - 77.54)
Metrowest	18.51	(15.78 - 21.60)	22.27	(19.19 - 25.70)	78.10	(74.92 - 80.97)
Northeast	21.73	(18.57 - 25.27)	25.37	(21.87 - 29.23)	76.14	(72.69 - 79.28)
Southeast	22.80	(19.79 - 26.11)	27.28	(23.80 - 31.07)	75.51	(71.93 - 78.78)
Western	22.92	(19.62 - 26.59)	27.01	(23.25 - 31.13)	75.18	(71.39 - 78.62)
Michigan	28.17	(26.94 - 29.43)	32.33	(31.02 - 33.67)	71.13	(69.88 - 72.34)
Bay	30.14	(26.39 - 34.17)	34.98	(30.73 - 39.48)	68.15	(64.43 - 71.66)
Detroit City	30.67	(27.44 - 34.10)	33.40	(30.02 - 36.96)	72.91	(70.04 - 75.61)
Genesee	29.34	(25.91 - 33.02)	32.88	(29.28 - 36.70)	70.25	(66.81 - 73.48)
Kalamazoo	30.24	(26.95 - 33.75)	35.37	(31.85 - 39.06)	70.82	(67.94 - 73.55)
Kent	26.72	(23.72 - 29.95)	30.40	(27.16 - 33.84)	72.62	(69.52 - 75.52)
Lakeshore	28.21	(25.36 - 31.23)	31.83	(28.67 - 35.15)	70.91	(68.00 - 73.66)
Macomb	26.99	(24.04 - 30.16)	31.20	(27.89 - 34.73)	71.25	(68.21 - 74.11)
Mid South	29.56	(26.83 - 32.45)	34.45	(31.32 - 37.73)	68.15	(65.28 - 70.89)
Northern	28.67	(25.65 - 31.90)	33.81	(30.48 - 37.30)	68.89	(65.75 - 71.86)
Oakland	24.52	(21.94 - 27.30)	28.67	(25.88 - 31.64)	73.85	(71.13 - 76.40)
Pathways	30.77	(26.93 - 34.90)	36.53	(31.81 - 41.53)	70.17	(66.47 - 73.63)
Saginaw	27.75	(24.20 - 31.61)	32.10	(28.09 - 36.40)	70.32	(66.66 - 73.72)
Southeast	29.21	(26.51 - 32.06)	33.10	(30.27 - 36.06)	71.66	(68.94 - 74.24)
St. Clair	30.43	(26.69 - 34.44)	34.61	(30.57 - 38.89)	68.32	(64.71 - 71.71)
Washtenaw	23.10	(20.37 - 26.07)	26.63	(23.49 - 30.01)	74.59	(71.68 - 77.28)
Western	28.02	(23.99 - 32.44)	33.50	(29.05 - 38.27)	69.74	(65.90 - 73.33)
Minnesota	26.07	(23.93 - 28.33)	30.66	(28.46 - 32.96)	70.43	(68.15 - 72.62)
Regions 1 and 2	26.27	(22.55 - 30.37)	30.69	(26.32 - 35.43)	70.43	(66.33 - 74.22)
Regions 3 and 4	28.19	(24.76 - 31.89)	34.63	(30.53 - 38.98)	67.62	(63.92 - 71.11)
Regions 5 and 6	26.63	(23.20 - 30.37)	31.56	(27.84 - 35.53)	68.34	(64.51 - 71.95)
Region 7A (Hennepin)	25.26	(22.07 - 28.75)	29.17	(25.74 - 32.85)	72.98	(69.70 - 76.03)
Region 7B (Ramsey)	26.46	(22.80 - 30.47)	30.16	(25.87 - 34.83)	71.41	(67.45 - 75.06)
Region 7C	24.47	(21.26 - 27.98)	28.57	(25.17 - 32.23)	71.32	(67.88 - 74.53)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Mississippi	28.36	(26.01 - 30.84)	34.53	(32.07 - 37.08)	69.40	(67.00 - 71.69)
Region 1	30.98	(27.15 - 35.09)	36.99	(32.82 - 41.36)	67.52	(63.81 - 71.02)
Region 2	26.89	(23.08 - 31.07)	32.97	(28.70 - 37.53)	70.74	(67.10 - 74.13)
Region 3	27.02	(23.47 - 30.89)	32.78	(28.70 - 37.14)	69.58	(65.84 - 73.08)
Region 4	25.51	(22.09 - 29.27)	31.61	(27.80 - 35.68)	71.59	(68.06 - 74.88)
Region 5	26.75	(22.54 - 31.42)	32.05	(27.19 - 37.34)	70.09	(65.70 - 74.15)
Region 6	28.38	(24.55 - 32.56)	33.59	(29.22 - 38.25)	68.77	(64.90 - 72.39)
Region 7	31.24	(27.02 - 35.81)	39.13	(34.48 - 43.98)	68.19	(64.00 - 72.10)
Missouri	31.10	(28.76 - 33.54)	36.51	(34.09 - 39.00)	68.63	(66.28 - 70.88)
Central	31.85	(28.06 - 35.88)	37.25	(32.90 - 41.82)	67.23	(63.49 - 70.76)
Eastern	29.80	(26.78 - 33.00)	34.97	(31.77 - 38.31)	70.18	(67.24 - 72.96)
Eastern (St. Louis City and County)	29.30	(25.74 - 33.13)	34.02	(30.23 - 38.01)	71.48	(68.01 - 74.71)
Eastern (excluding St. Louis)	30.81	(26.80 - 35.12)	36.91	(32.33 - 41.74)	67.51	(63.40 - 71.37)
Northwest	30.37	(27.23 - 33.70)	35.43	(32.02 - 39.00)	69.35	(66.22 - 72.30)
Northwest (Jackson)	30.32	(26.39 - 34.55)	34.74	(30.45 - 39.30)	70.25	(66.38 - 73.84)
Northwest (excluding Jackson)	30.41	(26.46 - 34.66)	36.05	(31.69 - 40.66)	68.53	(64.50 - 72.30)
Southeast	35.02	(30.42 - 39.91)	40.77	(35.79 - 45.95)	64.64	(60.29 - 68.77)
Southwest	31.49	(27.39 - 35.89)	37.74	(33.29 - 42.41)	68.31	(64.33 - 72.05)
Montana	27.01	(24.78 - 29.36)	34.12	(31.71 - 36.60)	72.40	(70.06 - 74.63)
Region 1	27.73	(23.69 - 32.17)	34.81	(29.99 - 39.97)	69.71	(65.37 - 73.73)
Region 2	28.43	(24.67 - 32.51)	36.42	(32.01 - 41.06)	71.10	(67.31 - 74.61)
Region 3	27.03	(23.53 - 30.84)	34.10	(30.02 - 38.43)	73.06	(69.51 - 76.33)
Region 4	25.51	(22.41 - 28.87)	32.21	(28.81 - 35.82)	73.27	(70.15 - 76.19)
Region 5	27.35	(24.10 - 30.86)	34.37	(30.63 - 38.32)	72.66	(69.16 - 75.89)
Nebraska	25.02	(22.93 - 27.25)	29.44	(27.06 - 31.94)	70.13	(67.75 - 72.40)
Regions 1 and 2	24.16	(20.44 - 28.32)	28.87	(24.46 - 33.72)	70.30	(66.12 - 74.16)
Region 3	26.26	(22.62 - 30.25)	31.25	(26.96 - 35.90)	68.88	(64.80 - 72.68)
Region 4	24.37	(20.78 - 28.35)	28.40	(24.43 - 32.73)	69.17	(65.15 - 72.92)
Region 5	25.65	(22.50 - 29.07)	30.18	(26.68 - 33.93)	70.24	(66.81 - 73.46)
Region 6	24.67	(21.83 - 27.75)	28.85	(25.71 - 32.22)	70.74	(67.56 - 73.73)
Nevada	29.25	(26.61 - 32.03)	33.18	(30.50 - 35.97)	71.99	(69.43 - 74.42)
Clark	29.85	(26.76 - 33.13)	33.45	(30.27 - 36.78)	72.01	(69.03 - 74.81)
Rural	29.18	(24.97 - 33.78)	34.28	(29.82 - 39.03)	70.21	(66.03 - 74.08)
Washoe	26.73	(23.10 - 30.70)	31.07	(27.14 - 35.30)	73.43	(69.72 - 76.84)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Hampshire	25.50	(23.37 - 27.76)	31.02	(28.73 - 33.41)	69.46	(67.03 - 71.79)
Central	27.30	(24.36 - 30.44)	32.85	(29.67 - 36.20)	68.10	(64.81 - 71.21)
Central 1	28.35	(24.64 - 32.37)	33.94	(29.87 - 38.27)	66.72	(62.61 - 70.59)
Central 2	26.28	(22.53 - 30.40)	31.80	(27.63 - 36.28)	69.43	(65.32 - 73.25)
Northern	25.72	(22.15 - 29.63)	30.87	(26.72 - 35.35)	68.52	(64.41 - 72.36)
Southern	24.60	(22.15 - 27.22)	30.18	(27.46 - 33.04)	70.33	(67.53 - 72.98)
Southern 1 (Rockingham)	24.42	(21.02 - 28.17)	30.06	(26.17 - 34.27)	69.16	(65.19 - 72.87)
Southern 2	24.71	(21.87 - 27.78)	30.25	(26.98 - 33.73)	71.04	(67.76 - 74.11)
New Jersey	22.97	(20.80 - 25.30)	25.96	(23.73 - 28.32)	74.48	(72.10 - 76.73)
Central	24.05	(20.64 - 27.83)	28.78	(25.04 - 32.82)	73.37	(69.78 - 76.67)
Metropolitan	21.64	(18.57 - 25.06)	23.03	(19.67 - 26.78)	75.38	(71.99 - 78.49)
Northern	22.48	(19.45 - 25.82)	24.78	(21.55 - 28.32)	75.33	(72.10 - 78.30)
Southern	24.13	(20.62 - 28.03)	28.15	(24.48 - 32.13)	73.33	(69.59 - 76.75)
New Mexico	23.62	(21.47 - 25.91)	28.55	(26.24 - 30.99)	73.89	(71.52 - 76.14)
Region 1	22.93	(19.69 - 26.52)	28.25	(24.53 - 32.30)	71.32	(67.73 - 74.65)
Region 2	21.14	(17.84 - 24.85)	25.22	(21.25 - 29.65)	77.50	(73.88 - 80.75)
Region 3 (Bernalillo)	24.07	(21.05 - 27.38)	28.87	(25.60 - 32.37)	74.84	(71.57 - 77.85)
Region 4	26.88	(23.06 - 31.07)	32.34	(27.90 - 37.12)	71.64	(67.85 - 75.15)
Region 5	23.46	(20.28 - 26.96)	28.56	(24.88 - 32.56)	73.62	(70.09 - 76.88)
New York	25.05	(23.74 - 26.41)	28.26	(26.95 - 29.60)	74.02	(72.70 - 75.29)
Region A	24.21	(22.52 - 25.99)	25.74	(23.95 - 27.61)	75.87	(74.23 - 77.44)
Region 1	25.45	(22.17 - 29.03)	26.48	(23.01 - 30.27)	75.77	(72.83 - 78.49)
Region 2	24.94	(22.29 - 27.80)	25.83	(22.93 - 28.96)	74.79	(72.19 - 77.23)
Region 3	26.23	(23.22 - 29.49)	29.64	(26.29 - 33.22)	77.09	(74.22 - 79.72)
Region 4	21.14	(18.61 - 23.91)	22.44	(19.72 - 25.42)	76.42	(73.75 - 78.88)
Region B	21.92	(20.01 - 23.96)	25.78	(23.67 - 28.00)	75.84	(73.73 - 77.84)
Region 5	22.03	(19.71 - 24.53)	26.28	(23.62 - 29.13)	75.93	(73.27 - 78.41)
Region 6	21.70	(18.98 - 24.69)	24.71	(21.73 - 27.96)	75.66	(72.64 - 78.44)
Region C	27.33	(25.55 - 29.19)	32.04	(30.14 - 33.99)	71.43	(69.71 - 73.09)
Region 7	24.46	(21.23 - 28.00)	28.94	(25.31 - 32.85)	72.41	(68.94 - 75.63)
Region 8	28.33	(25.07 - 31.84)	32.52	(28.82 - 36.44)	72.07	(68.86 - 75.06)
Region 9	27.42	(24.10 - 31.01)	31.97	(28.42 - 35.75)	71.30	(68.01 - 74.38)
Region 10	29.13	(25.56 - 32.98)	34.50	(30.45 - 38.78)	71.01	(67.42 - 74.36)
Region 11	27.32	(24.12 - 30.77)	32.88	(29.43 - 36.53)	70.04	(66.85 - 73.04)
Region 12	27.75	(24.69 - 31.02)	32.16	(28.65 - 35.87)	71.71	(68.59 - 74.64)
Region D	29.72	(27.18 - 32.39)	34.87	(32.19 - 37.64)	68.51	(66.11 - 70.81)
Region 13	28.65	(25.05 - 32.54)	34.08	(29.93 - 38.49)	70.04	(66.50 - 73.35)
Region 14	30.62	(26.85 - 34.67)	35.11	(30.95 - 39.50)	67.49	(63.80 - 70.97)
Region 15	29.80	(26.14 - 33.74)	35.32	(31.28 - 39.59)	68.14	(64.53 - 71.55)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
North Carolina	28.54	(26.20 - 31.00)	35.02	(32.53 - 37.60)	68.05	(65.64 - 70.37)
Eastern	28.85	(25.15 - 32.86)	35.80	(31.72 - 40.10)	68.92	(65.10 - 72.50)
North Central	28.33	(24.82 - 32.12)	34.46	(30.56 - 38.58)	69.36	(65.71 - 72.78)
South Central	26.75	(23.47 - 30.31)	32.87	(29.02 - 36.97)	68.61	(64.96 - 72.05)
Western	29.79	(26.54 - 33.25)	36.49	(32.81 - 40.34)	66.24	(62.75 - 69.56)
North Dakota	27.66	(25.51 - 29.91)	33.47	(31.19 - 35.82)	68.22	(65.85 - 70.50)
Badlands and West Central Lake Region and South Central	25.89	(22.71 - 29.35)	32.29	(28.73 - 36.07)	68.51	(64.82 - 71.98)
North Central and Northwest	27.21	(23.56 - 31.20)	33.09	(29.04 - 37.42)	67.99	(63.89 - 71.83)
Northeast	27.96	(24.48 - 31.73)	33.64	(29.54 - 38.00)	67.10	(63.32 - 70.66)
Southeast	29.46	(25.86 - 33.34)	35.68	(31.69 - 39.87)	68.13	(64.36 - 71.67)
Southeast	28.52	(25.38 - 31.87)	33.56	(30.12 - 37.18)	68.88	(65.44 - 72.12)
Ohio	29.70	(28.45 - 30.99)	35.14	(33.79 - 36.50)	68.89	(67.60 - 70.15)
Boards 2, 46, 55, and 68	32.43	(28.87 - 36.20)	38.62	(34.66 - 42.73)	64.96	(61.39 - 68.37)
Boards 3, 52, and 85	28.77	(25.34 - 32.47)	33.68	(29.84 - 37.75)	68.15	(64.61 - 71.49)
Boards 4 and 78	31.01	(27.28 - 35.01)	36.61	(32.30 - 41.15)	67.10	(63.44 - 70.56)
Boards 5 and 60	33.76	(29.99 - 37.75)	40.40	(36.24 - 44.70)	64.41	(60.66 - 68.00)
Boards 7, 15, 41, 79, and 84	33.18	(29.35 - 37.25)	38.01	(33.80 - 42.40)	65.55	(61.74 - 69.18)
Boards 8, 13, and 83	29.88	(26.46 - 33.54)	36.39	(32.43 - 40.55)	67.50	(63.95 - 70.87)
Board 9 (Butler)	30.43	(26.90 - 34.20)	37.06	(32.87 - 41.46)	68.69	(65.15 - 72.02)
Board 12	28.75	(25.21 - 32.57)	34.18	(30.38 - 38.18)	69.88	(66.50 - 73.05)
Boards 18 and 47	27.87	(25.28 - 30.61)	32.70	(29.90 - 35.64)	71.00	(68.25 - 73.60)
Boards 20, 32, 54, and 69	28.50	(24.91 - 32.38)	33.51	(29.55 - 37.72)	66.31	(62.62 - 69.80)
Boards 21, 39, 51, 70, and 80	29.75	(26.25 - 33.51)	35.48	(31.53 - 39.65)	67.72	(64.17 - 71.07)
Boards 22, 74, and 87	29.01	(25.53 - 32.75)	34.32	(30.38 - 38.49)	68.77	(65.13 - 72.20)
Boards 23 and 45	28.78	(25.35 - 32.47)	34.13	(30.28 - 38.21)	68.38	(64.90 - 71.66)
Board 25 (Franklin)	30.05	(27.26 - 32.99)	35.55	(32.54 - 38.67)	70.08	(67.10 - 72.90)
Boards 27, 71, and 73	33.73	(29.89 - 37.80)	39.88	(35.70 - 44.21)	63.94	(60.13 - 67.59)
Boards 28, 43, and 67	26.69	(23.75 - 29.85)	31.52	(28.09 - 35.16)	70.24	(66.85 - 73.42)
Board 31 (Hamilton)	28.23	(25.10 - 31.58)	33.79	(30.29 - 37.47)	71.92	(68.92 - 74.74)
Board 48 (Lucas)	28.78	(25.36 - 32.47)	33.44	(29.72 - 37.38)	72.26	(68.97 - 75.32)
Board 50 and 76	29.69	(26.44 - 33.15)	35.46	(31.71 - 39.38)	68.71	(65.37 - 71.87)
Board 57 (Montgomery)	30.52	(27.01 - 34.27)	35.94	(32.00 - 40.08)	68.87	(65.34 - 72.19)
Board 77 (Summit)	29.37	(26.00 - 32.97)	34.31	(30.68 - 38.13)	70.78	(67.52 - 73.85)
Oklahoma	30.26	(27.88 - 32.75)	35.21	(32.75 - 37.75)	67.74	(65.22 - 70.16)
Central	28.03	(24.21 - 32.20)	32.98	(28.76 - 37.51)	67.45	(63.42 - 71.24)
East Central	31.30	(27.03 - 35.91)	36.86	(32.16 - 41.82)	67.10	(62.69 - 71.23)
Northeast	29.67	(25.73 - 33.93)	35.17	(30.82 - 39.77)	67.09	(63.03 - 70.91)
Northwest and Southwest	29.67	(25.65 - 34.04)	34.91	(30.48 - 39.61)	67.31	(63.19 - 71.18)
Oklahoma County	30.83	(27.06 - 34.87)	34.66	(30.58 - 38.99)	69.80	(66.04 - 73.31)
Southeast	32.64	(28.43 - 37.15)	38.25	(33.66 - 43.06)	65.66	(61.47 - 69.61)
Tulsa County	29.28	(25.72 - 33.10)	33.79	(29.85 - 37.97)	68.76	(64.91 - 72.37)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Oregon	25.08	(22.95 - 27.33)	29.68	(27.33 - 32.15)	73.89	(71.52 - 76.13)
Region 1 (Multnomah)	26.70	(23.34 - 30.35)	30.73	(26.89 - 34.85)	74.98	(71.54 - 78.14)
Region 2	22.59	(19.63 - 25.85)	27.12	(23.77 - 30.75)	75.23	(71.82 - 78.36)
Region 3	24.99	(21.87 - 28.38)	29.27	(25.86 - 32.94)	73.68	(70.27 - 76.84)
Region 4	26.99	(23.19 - 31.16)	32.67	(28.37 - 37.29)	71.95	(67.80 - 75.75)
Region 5	25.07	(21.42 - 29.10)	30.31	(26.08 - 34.90)	72.39	(68.42 - 76.03)
Pennsylvania	27.53	(26.31 - 28.80)	32.70	(31.43 - 33.99)	70.78	(69.45 - 72.06)
Region 1 (Allegheny)	27.74	(24.91 - 30.75)	32.94	(29.66 - 36.41)	69.87	(66.83 - 72.75)
Regions 2, 3, 8, and 9	27.82	(24.69 - 31.17)	34.03	(30.47 - 37.79)	68.13	(64.74 - 71.33)
Regions 4, 11, 42, and 48	28.76	(25.64 - 32.10)	35.55	(32.07 - 39.19)	70.79	(67.51 - 73.86)
Regions 5, 20, 26, 28, and 40	27.26	(24.25 - 30.50)	32.78	(29.27 - 36.49)	67.99	(64.52 - 71.28)
Regions 6, 12, 16, 35, 39, 41, 44, and 45	28.88	(25.74 - 32.24)	35.28	(31.73 - 39.01)	69.44	(66.21 - 72.49)
Regions 7, 13, 22, and 37	23.95	(21.75 - 26.31)	28.13	(25.72 - 30.69)	74.91	(72.62 - 77.07)
Regions 10, 14, 15, 25, 31, 36, and 46	30.14	(26.92 - 33.57)	37.00	(33.16 - 41.02)	67.64	(64.39 - 70.72)
Regions 17, 24, 27, 43, and 47	29.01	(25.85 - 32.38)	35.59	(32.13 - 39.22)	67.29	(63.91 - 70.50)
Region 18 (Philadelphia)	29.98	(26.93 - 33.22)	33.78	(30.78 - 36.91)	71.98	(69.10 - 74.69)
Regions 19 and 23	29.20	(25.53 - 33.16)	34.70	(30.47 - 39.19)	69.90	(66.25 - 73.31)
Regions 21, 30, 32, and 49	26.00	(23.42 - 28.76)	29.92	(27.04 - 32.97)	69.96	(67.08 - 72.69)
Regions 29 and 34	31.16	(27.52 - 35.05)	37.41	(33.32 - 41.68)	70.31	(66.84 - 73.55)
Regions 33 and 38	26.04	(22.92 - 29.42)	30.70	(27.04 - 34.61)	72.38	(69.15 - 75.39)
Rhode Island	26.33	(23.99 - 28.81)	30.13	(27.62 - 32.76)	74.84	(72.37 - 77.16)
Bristol and Newport	25.25	(21.67 - 29.20)	31.11	(26.88 - 35.68)	76.13	(72.47 - 79.43)
Kent	28.19	(24.33 - 32.40)	32.74	(28.50 - 37.27)	72.57	(68.53 - 76.27)
Providence	26.32	(23.41 - 29.45)	29.13	(26.02 - 32.44)	75.04	(72.07 - 77.79)
Washington	25.12	(21.60 - 28.99)	30.52	(26.27 - 35.12)	75.50	(71.75 - 78.90)
South Carolina	27.03	(24.82 - 29.35)	32.13	(29.76 - 34.59)	70.32	(68.00 - 72.53)
Region 1	28.07	(24.66 - 31.74)	34.76	(30.66 - 39.08)	70.33	(66.86 - 73.58)
Region 2	26.36	(23.49 - 29.45)	30.84	(27.66 - 34.21)	70.06	(66.95 - 73.00)
Region 3	27.78	(23.92 - 32.00)	32.98	(28.87 - 37.37)	70.38	(66.56 - 73.93)
Region 4	26.21	(22.77 - 29.98)	30.34	(26.52 - 34.44)	70.55	(66.92 - 73.93)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
South Dakota	29.66	(27.46 - 31.96)	34.69	(32.23 - 37.23)	67.10	(64.65 - 69.46)
Eastern Planning Area	28.67	(26.34 - 31.13)	33.16	(30.58 - 35.85)	67.15	(64.59 - 69.61)
Region 3 (Minnehaha)	29.40	(26.09 - 32.95)	33.07	(29.37 - 37.00)	67.83	(64.33 - 71.15)
Region 4	28.05	(24.28 - 32.17)	32.71	(28.40 - 37.35)	66.95	(63.08 - 70.60)
Region 5	29.36	(25.46 - 33.58)	34.75	(30.30 - 39.49)	66.13	(61.77 - 70.23)
Region 6	27.06	(23.29 - 31.19)	31.47	(27.01 - 36.30)	67.90	(63.73 - 71.81)
Region 7	29.18	(25.46 - 33.19)	34.03	(29.81 - 38.52)	66.46	(62.43 - 70.26)
Western Planning Area	32.03	(28.64 - 35.62)	38.36	(34.56 - 42.31)	66.99	(63.72 - 70.11)
Region 1 (Pennington)	30.46	(26.64 - 34.57)	34.87	(30.63 - 39.36)	68.23	(64.13 - 72.06)
Region 2	33.08	(28.58 - 37.90)	40.71	(35.58 - 46.05)	66.16	(62.13 - 69.96)
Tennessee	28.21	(26.03 - 30.50)	33.53	(31.19 - 35.95)	68.14	(65.79 - 70.41)
Region 1	31.88	(27.47 - 36.65)	37.84	(32.74 - 43.23)	66.25	(61.75 - 70.46)
Region 2	32.62	(28.47 - 37.08)	37.95	(33.48 - 42.64)	64.90	(60.75 - 68.83)
Region 3	27.81	(24.35 - 31.55)	33.96	(30.10 - 38.03)	68.13	(64.50 - 71.55)
Region 4 (Davidson)	26.86	(23.23 - 30.83)	31.29	(27.02 - 35.91)	71.62	(67.83 - 75.12)
Region 5	26.21	(22.88 - 29.83)	31.62	(27.97 - 35.51)	67.96	(64.37 - 71.36)
Region 6	30.90	(26.58 - 35.59)	36.86	(32.22 - 41.76)	65.91	(61.64 - 69.94)
Region 7 (Shelby)	22.95	(19.64 - 26.63)	27.00	(23.04 - 31.36)	72.72	(69.06 - 76.10)
Texas	25.59	(24.40 - 26.82)	29.76	(28.52 - 31.02)	72.69	(71.53 - 73.83)
Region 1	26.48	(23.23 - 30.01)	30.93	(27.25 - 34.88)	70.72	(67.50 - 73.75)
Region 2	27.38	(23.67 - 31.42)	31.21	(27.04 - 35.71)	70.50	(67.04 - 73.73)
Region 3	25.45	(23.70 - 27.27)	29.42	(27.58 - 31.32)	72.67	(70.91 - 74.36)
Region 3a	25.52	(23.37 - 27.79)	29.46	(27.17 - 31.85)	74.21	(72.07 - 76.23)
Region 3bc	25.32	(22.63 - 28.22)	29.35	(26.49 - 32.38)	69.98	(67.05 - 72.75)
Region 4	29.96	(26.50 - 33.67)	35.21	(31.35 - 39.27)	69.30	(65.90 - 72.51)
Region 5	30.58	(26.72 - 34.73)	36.77	(32.42 - 41.35)	69.67	(66.04 - 73.07)
Region 6	24.68	(22.75 - 26.73)	28.85	(26.79 - 31.00)	73.73	(71.73 - 75.63)
Region 6a	24.26	(22.19 - 26.45)	28.32	(26.11 - 30.64)	74.04	(71.88 - 76.08)
Region 6bc	28.15	(24.62 - 31.96)	33.16	(29.12 - 37.47)	71.22	(67.81 - 74.40)
Region 7	26.56	(24.37 - 28.87)	31.29	(28.83 - 33.86)	71.20	(69.04 - 73.28)
Region 7a	24.71	(21.99 - 27.65)	29.01	(25.95 - 32.27)	73.28	(70.54 - 75.85)
Region 7bcd	29.32	(26.14 - 32.70)	34.69	(31.17 - 38.38)	68.11	(64.91 - 71.15)
Region 8	24.37	(21.81 - 27.14)	28.41	(25.56 - 31.44)	73.73	(71.11 - 76.19)
Region 9	27.22	(23.47 - 31.32)	31.86	(27.68 - 36.36)	71.13	(67.86 - 74.20)
Region 10	23.34	(20.26 - 26.74)	26.20	(22.73 - 29.99)	76.05	(73.18 - 78.70)
Region 11	23.49	(21.13 - 26.02)	26.53	(23.81 - 29.45)	74.64	(72.24 - 76.90)
Region 11abd	23.68	(20.72 - 26.92)	26.94	(23.48 - 30.70)	74.75	(71.70 - 77.58)
Region 11c (Hidalgo)	23.10	(20.06 - 26.45)	25.72	(22.16 - 29.63)	74.41	(71.43 - 77.19)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Utah	17.34	(15.39 - 19.49)	19.69	(17.72 - 21.82)	76.29	(74.13 - 78.32)
Bear River, Northeastern, Summit, Tooele, and Wasatch	18.69	(15.71 - 22.10)	21.12	(17.89 - 24.75)	76.32	(73.06 - 79.30)
Central, Four Corners, San Juan, and Southwest	16.70	(13.71 - 20.18)	20.14	(16.71 - 24.08)	74.90	(71.37 - 78.13)
Davis County	16.01	(13.19 - 19.30)	18.11	(15.09 - 21.58)	76.68	(73.29 - 79.76)
Salt Lake County	18.74	(16.18 - 21.62)	21.12	(18.42 - 24.10)	76.16	(73.29 - 78.81)
Utah County	13.84	(11.47 - 16.62)	15.20	(12.58 - 18.25)	77.60	(74.76 - 80.21)
Weber, Morgan	18.13	(15.03 - 21.71)	20.88	(17.43 - 24.80)	75.75	(72.20 - 78.98)
Vermont	25.13	(23.03 - 27.35)	29.86	(27.62 - 32.20)	71.16	(68.87 - 73.34)
Champlain Valley	23.96	(21.33 - 26.80)	27.97	(25.04 - 31.11)	71.61	(68.62 - 74.43)
Rural Northeast	26.58	(23.30 - 30.13)	31.50	(27.80 - 35.46)	69.67	(66.18 - 72.95)
Rural Southeast	23.83	(20.64 - 27.34)	29.46	(25.75 - 33.48)	72.80	(69.02 - 76.27)
Rural Southwest	27.46	(23.63 - 31.66)	32.43	(28.28 - 36.87)	70.08	(65.98 - 73.88)
Virginia	25.09	(22.95 - 27.36)	29.75	(27.48 - 32.12)	72.45	(70.06 - 74.71)
Region 1	26.61	(23.14 - 30.41)	31.67	(27.61 - 36.04)	70.11	(66.09 - 73.84)
Region 2	19.89	(17.10 - 23.01)	23.95	(20.73 - 27.50)	76.72	(73.41 - 79.73)
Region 3	28.22	(24.57 - 32.18)	33.43	(29.32 - 37.81)	69.32	(65.35 - 73.02)
Region 4	25.89	(22.41 - 29.72)	30.76	(26.96 - 34.85)	71.78	(68.07 - 75.21)
Region 5	26.77	(23.44 - 30.38)	31.25	(27.48 - 35.29)	72.20	(68.64 - 75.50)
Washington	23.37	(21.30 - 25.58)	26.61	(24.40 - 28.95)	72.23	(69.89 - 74.45)
Region 1	24.88	(21.31 - 28.82)	28.14	(24.16 - 32.49)	70.54	(66.69 - 74.12)
Region 2	23.60	(20.05 - 27.55)	27.00	(22.87 - 31.57)	72.02	(68.14 - 75.60)
Region 3	22.89	(19.79 - 26.32)	26.14	(22.44 - 30.20)	72.79	(69.22 - 76.09)
Region 4 (King)	20.77	(17.91 - 23.96)	23.20	(20.24 - 26.45)	74.22	(70.92 - 77.25)
Region 5	25.68	(22.20 - 29.50)	29.49	(25.51 - 33.80)	70.87	(67.22 - 74.27)
Region 6	25.06	(21.67 - 28.78)	29.14	(25.16 - 33.47)	70.77	(66.93 - 74.34)
West Virginia	30.70	(28.29 - 33.23)	38.26	(35.70 - 40.89)	67.45	(65.00 - 69.81)
Eastern Highland	29.74	(26.08 - 33.69)	37.88	(33.59 - 42.36)	67.73	(63.91 - 71.33)
Northern	31.37	(28.26 - 34.67)	39.38	(35.85 - 43.02)	67.15	(63.90 - 70.25)
Northern A and B	30.95	(26.54 - 35.74)	38.21	(33.31 - 43.35)	67.08	(62.46 - 71.40)
Northern C and D	31.59	(27.95 - 35.46)	39.98	(35.79 - 44.32)	67.19	(63.53 - 70.65)
South Central	30.33	(27.45 - 33.37)	37.08	(33.86 - 40.43)	67.94	(64.98 - 70.76)
South Central I	30.90	(26.44 - 35.76)	37.73	(32.56 - 43.20)	66.82	(62.30 - 71.04)
South Central II	32.76	(28.44 - 37.39)	39.30	(34.52 - 44.29)	67.01	(63.04 - 70.75)
South Central III	28.37	(24.69 - 32.38)	35.22	(30.97 - 39.72)	69.23	(65.47 - 72.76)
Southern	31.59	(27.88 - 35.54)	39.45	(35.40 - 43.65)	66.60	(63.02 - 69.99)
Southern I and III	31.67	(27.30 - 36.38)	39.37	(34.39 - 44.57)	67.15	(62.86 - 71.18)
Southern II	31.43	(26.92 - 36.31)	39.62	(34.54 - 44.93)	65.51	(60.94 - 69.82)

See notes at end of table.

(continued)

Table C6. Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Wisconsin	26.42	(24.20 - 28.77)	31.13	(28.83 - 33.53)	71.16	(68.79 - 73.41)
Milwaukee	28.25	(24.52 - 32.31)	32.01	(27.95 - 36.36)	72.43	(68.90 - 75.70)
Northeastern	25.71	(22.42 - 29.29)	30.08	(26.42 - 34.00)	70.70	(67.14 - 74.03)
Northern	26.89	(23.11 - 31.05)	31.06	(26.79 - 35.69)	70.88	(66.76 - 74.68)
Southeastern	26.17	(22.71 - 29.95)	31.76	(27.68 - 36.14)	71.65	(67.93 - 75.10)
Southern	26.44	(23.13 - 30.04)	31.48	(27.78 - 35.43)	70.58	(66.87 - 74.04)
Western	25.37	(21.81 - 29.30)	30.38	(26.49 - 34.58)	70.56	(66.80 - 74.07)
Wyoming	26.85	(24.66 - 29.15)	33.64	(31.33 - 36.03)	69.18	(66.81 - 71.45)
Judicial District 1 (Laramie)	27.59	(24.07 - 31.41)	33.27	(29.30 - 37.48)	69.58	(65.86 - 73.07)
Judicial District 2	27.26	(23.68 - 31.17)	33.64	(29.64 - 37.88)	71.20	(67.59 - 74.56)
Judicial District 3	26.04	(22.61 - 29.79)	33.18	(29.20 - 37.42)	67.70	(63.89 - 71.30)
Judicial District 4	25.31	(21.36 - 29.72)	32.25	(27.45 - 37.45)	69.67	(65.30 - 73.72)
Judicial District 5	26.33	(22.50 - 30.56)	33.34	(28.86 - 38.16)	70.55	(66.33 - 74.44)
Judicial District 6	27.40	(23.54 - 31.64)	34.40	(29.96 - 39.14)	66.72	(62.76 - 70.46)
Judicial District 7 (Natrona)	28.02	(24.27 - 32.10)	35.31	(30.92 - 39.97)	68.20	(64.25 - 71.90)
Judicial District 8	26.87	(22.91 - 31.22)	35.18	(30.31 - 40.38)	68.80	(64.41 - 72.88)
Judicial District 9	26.00	(22.14 - 30.28)	32.42	(28.01 - 37.18)	70.34	(66.36 - 74.04)

NOTE: For Substate Region definitions, see Section D.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ Any Tobacco product includes cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
National	3.39		1.95	
Alabama	2.96	(2.38 - 3.67)	1.82	(1.46 - 2.27)
Region 1	2.90	(2.17 - 3.86)	1.86	(1.34 - 2.57)
Region 2	3.01	(2.22 - 4.07)	1.92	(1.41 - 2.62)
Region 3	3.19	(2.30 - 4.41)	1.80	(1.25 - 2.58)
Region 4	2.78	(2.05 - 3.75)	1.63	(1.18 - 2.25)
Alaska	3.58	(2.91 - 4.41)	2.21	(1.78 - 2.73)
Gulf Coast	3.38	(2.42 - 4.71)	1.99	(1.41 - 2.80)
Rural	4.20	(2.92 - 6.02)	1.64	(1.10 - 2.42)
Southeast	3.70	(2.65 - 5.13)	2.20	(1.56 - 3.10)
Urban	3.50	(2.74 - 4.45)	2.34	(1.83 - 3.00)
Arizona	4.09	(3.34 - 5.00)	1.95	(1.57 - 2.42)
Maricopa	4.22	(3.33 - 5.34)	1.91	(1.47 - 2.49)
Pima	4.25	(3.15 - 5.70)	2.06	(1.49 - 2.85)
Rural North	3.75	(2.73 - 5.12)	1.93	(1.36 - 2.73)
Rural South	3.51	(2.55 - 4.82)	2.03	(1.41 - 2.90)
Arkansas	3.00	(2.45 - 3.68)	2.13	(1.71 - 2.64)
Areas 1 and 5	2.88	(2.12 - 3.89)	2.16	(1.57 - 2.97)
Areas 2 and 3	2.52	(1.82 - 3.48)	1.88	(1.32 - 2.66)
Areas 4 and 7	3.20	(2.35 - 4.36)	2.40	(1.71 - 3.35)
Area 6	3.05	(2.20 - 4.20)	1.96	(1.37 - 2.80)
Areas 8 and 12	2.98	(2.17 - 4.08)	2.25	(1.59 - 3.17)
Area 9	3.23	(2.35 - 4.43)	2.18	(1.51 - 3.13)
Areas 10, 11, and 13	3.14	(2.27 - 4.33)	1.92	(1.35 - 2.72)
California	3.48	(3.07 - 3.95)	2.06	(1.80 - 2.35)
Region 1	3.51	(2.61 - 4.72)	2.34	(1.71 - 3.21)
Region 2	3.81	(2.92 - 4.95)	2.18	(1.68 - 2.84)
Region 3	3.16	(2.42 - 4.13)	2.11	(1.58 - 2.79)
Region 4	3.96	(2.94 - 5.30)	2.04	(1.48 - 2.80)
Region 5	3.40	(2.61 - 4.43)	2.16	(1.64 - 2.84)
Region 6 (Santa Clara)	3.20	(2.42 - 4.24)	2.07	(1.52 - 2.81)
Region 7	3.78	(2.78 - 5.11)	2.28	(1.65 - 3.16)
Region 8	3.20	(2.44 - 4.19)	2.14	(1.56 - 2.92)
Region 9	3.42	(2.58 - 4.52)	2.08	(1.50 - 2.87)
Region 10	3.78	(2.86 - 4.99)	2.35	(1.72 - 3.20)
Region 11 (Los Angeles)	3.41	(2.77 - 4.18)	1.98	(1.59 - 2.46)
Region 12	3.48	(2.66 - 4.55)	1.82	(1.34 - 2.46)
Region 13 (Riverside)	3.10	(2.32 - 4.13)	1.96	(1.44 - 2.66)
Region 14 (Orange)	3.44	(2.64 - 4.47)	1.92	(1.45 - 2.54)
Region 15	3.68	(2.87 - 4.70)	2.11	(1.60 - 2.78)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Colorado	4.08	(3.35 - 4.97)	2.12	(1.71 - 2.64)
Region 1	3.68	(2.73 - 4.94)	2.04	(1.47 - 2.82)
Regions 2 and 7	4.28	(3.35 - 5.45)	2.20	(1.67 - 2.89)
Region 3	3.88	(2.86 - 5.24)	2.13	(1.51 - 3.00)
Region 4	3.80	(2.77 - 5.19)	2.07	(1.40 - 3.04)
Regions 5 and 6	3.95	(2.88 - 5.40)	1.86	(1.29 - 2.68)
Connecticut	3.29	(2.63 - 4.13)	1.94	(1.54 - 2.43)
Eastern	3.28	(2.34 - 4.57)	2.09	(1.47 - 2.98)
North Central	3.52	(2.52 - 4.88)	1.91	(1.37 - 2.67)
Northwestern	3.00	(2.16 - 4.15)	1.95	(1.40 - 2.70)
South Central	3.27	(2.38 - 4.49)	1.87	(1.34 - 2.59)
Southwest	3.27	(2.33 - 4.57)	1.95	(1.37 - 2.76)
Delaware	3.09	(2.51 - 3.80)	2.00	(1.60 - 2.50)
Kent	3.06	(2.23 - 4.19)	2.05	(1.46 - 2.87)
New Castle (excluding Wilmington city)	3.16	(2.45 - 4.06)	2.04	(1.56 - 2.66)
Sussex	2.45	(1.79 - 3.36)	1.71	(1.20 - 2.43)
Wilmington City	4.12	(2.92 - 5.78)	2.34	(1.57 - 3.47)
District of Columbia	5.15	(4.19 - 6.32)	2.84	(2.23 - 3.61)
Ward 1	5.87	(4.28 - 7.99)	2.85	(1.96 - 4.12)
Ward 2	5.85	(4.35 - 7.84)	3.11	(2.18 - 4.41)
Ward 3	5.56	(4.07 - 7.56)	2.10	(1.47 - 3.00)
Ward 4	4.20	(2.92 - 6.00)	2.26	(1.50 - 3.39)
Ward 5	4.83	(3.41 - 6.80)	3.25	(2.16 - 4.87)
Ward 6	5.37	(3.76 - 7.61)	2.96	(1.95 - 4.46)
Ward 7	4.59	(3.22 - 6.52)	3.35	(2.14 - 5.22)
Ward 8	4.72	(3.35 - 6.61)	3.07	(2.08 - 4.52)
Florida	3.03	(2.66 - 3.45)	2.00	(1.73 - 2.31)
District 1	2.95	(2.19 - 3.97)	2.12	(1.57 - 2.88)
District 2	4.07	(3.08 - 5.37)	2.32	(1.71 - 3.13)
District 3	3.44	(2.63 - 4.50)	2.16	(1.58 - 2.94)
District 4	3.27	(2.52 - 4.24)	2.40	(1.79 - 3.19)
District 7	3.07	(2.41 - 3.92)	2.08	(1.61 - 2.68)
District 8	2.56	(1.88 - 3.47)	1.52	(1.08 - 2.13)
District 9 (Palm Beach)	2.68	(2.00 - 3.58)	1.87	(1.35 - 2.58)
District 10 (Broward)	3.03	(2.28 - 4.02)	2.09	(1.59 - 2.75)
District 11	2.95	(2.29 - 3.78)	2.04	(1.50 - 2.77)
District 12	2.62	(1.92 - 3.56)	1.73	(1.26 - 2.38)
District 13	2.22	(1.62 - 3.05)	1.42	(1.03 - 1.95)
District 14	2.84	(2.12 - 3.79)	1.77	(1.26 - 2.49)
District 15	2.69	(1.95 - 3.68)	1.60	(1.15 - 2.22)
Suncoast	3.40	(2.70 - 4.29)	2.12	(1.65 - 2.72)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Georgia	3.07	(2.46 - 3.83)	1.79	(1.39 - 2.30)
Region 1	2.77	(1.99 - 3.85)	1.47	(1.01 - 2.14)
Region 2	3.17	(2.28 - 4.38)	1.71	(1.18 - 2.47)
Region 3	3.13	(2.34 - 4.19)	1.95	(1.42 - 2.67)
Region 4	3.08	(2.15 - 4.39)	1.77	(1.19 - 2.62)
Region 5	3.02	(2.16 - 4.22)	1.75	(1.20 - 2.55)
Hawaii	3.49	(2.81 - 4.34)	1.92	(1.48 - 2.50)
Hawaii Island	3.65	(2.63 - 5.05)	1.72	(1.15 - 2.56)
Honolulu	3.44	(2.70 - 4.38)	1.83	(1.36 - 2.45)
Kauai and Maui	3.59	(2.58 - 4.98)	2.53	(1.69 - 3.79)
Idaho	3.57	(2.95 - 4.32)	1.63	(1.30 - 2.03)
Region 1	3.47	(2.53 - 4.74)	1.49	(1.04 - 2.13)
Region 2	4.38	(3.23 - 5.93)	1.84	(1.26 - 2.68)
Region 3	3.17	(2.32 - 4.30)	1.61	(1.14 - 2.27)
Region 4	3.72	(2.82 - 4.90)	1.71	(1.24 - 2.35)
Region 5	3.62	(2.70 - 4.85)	1.68	(1.19 - 2.37)
Region 6	3.57	(2.66 - 4.76)	1.54	(1.10 - 2.16)
Region 7	3.29	(2.41 - 4.49)	1.54	(1.07 - 2.21)
Illinois	3.74	(3.31 - 4.21)	1.91	(1.65 - 2.22)
Region I (Cook)	4.02	(3.37 - 4.80)	2.28	(1.84 - 2.83)
Region II	3.41	(2.80 - 4.14)	1.68	(1.35 - 2.08)
Region III	3.88	(3.18 - 4.73)	1.61	(1.21 - 2.14)
Region IV	3.27	(2.54 - 4.21)	1.42	(1.03 - 1.95)
Region V	3.65	(2.92 - 4.57)	1.72	(1.30 - 2.28)
Indiana	3.40	(2.80 - 4.13)	1.90	(1.54 - 2.35)
Central	3.32	(2.48 - 4.42)	2.03	(1.47 - 2.79)
East	3.19	(2.33 - 4.36)	1.82	(1.27 - 2.60)
North Central	3.22	(2.35 - 4.38)	1.92	(1.37 - 2.67)
Northeast	3.21	(2.32 - 4.44)	1.73	(1.23 - 2.43)
Northwest	3.27	(2.36 - 4.52)	1.73	(1.22 - 2.46)
Southeast	3.05	(2.24 - 4.15)	1.88	(1.33 - 2.64)
Southwest	3.52	(2.57 - 4.82)	1.77	(1.23 - 2.54)
West	4.53	(3.36 - 6.09)	2.14	(1.53 - 2.98)
Iowa	3.46	(2.87 - 4.17)	1.57	(1.22 - 2.02)
Central	3.44	(2.56 - 4.62)	1.71	(1.19 - 2.45)
North Central	3.67	(2.72 - 4.92)	1.63	(1.13 - 2.36)
Northeast	3.47	(2.64 - 4.55)	1.55	(1.11 - 2.16)
Northwest	3.17	(2.32 - 4.32)	1.39	(0.94 - 2.04)
Southeast	3.66	(2.76 - 4.83)	1.69	(1.17 - 2.42)
Southwest	3.26	(2.39 - 4.43)	1.41	(0.94 - 2.12)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kansas	3.18	(2.60 - 3.87)	1.65	(1.29 - 2.10)
Kansas City Metro	3.39	(2.57 - 4.46)	1.76	(1.27 - 2.43)
Northeast	3.17	(2.34 - 4.30)	1.58	(1.11 - 2.23)
South Central	2.88	(2.11 - 3.91)	1.65	(1.14 - 2.38)
Southeast	3.01	(2.20 - 4.10)	1.46	(0.99 - 2.13)
West	2.99	(2.19 - 4.09)	1.52	(1.04 - 2.23)
Wichita (Sedgwick)	3.21	(2.39 - 4.30)	1.69	(1.17 - 2.44)
Kentucky	2.94	(2.37 - 3.64)	2.22	(1.76 - 2.80)
Adanta, Cumberland River, and Lifeskills	2.68	(1.95 - 3.65)	1.90	(1.35 - 2.66)
Bluegrass, Comprehend, and North Key	3.23	(2.40 - 4.34)	2.36	(1.72 - 3.25)
Communicare and River Valley	2.81	(2.03 - 3.89)	1.98	(1.36 - 2.88)
Four Rivers and Pennyroyal	2.74	(1.96 - 3.82)	2.41	(1.64 - 3.54)
Kentucky River, Mountain, and Pathways	2.79	(2.00 - 3.87)	2.18	(1.53 - 3.10)
Seven Counties	3.02	(2.18 - 4.16)	2.36	(1.72 - 3.23)
Louisiana	3.70	(3.06 - 4.47)	2.22	(1.79 - 2.75)
Region 1	4.56	(3.29 - 6.30)	2.75	(1.89 - 3.98)
Regions 2 and 9	3.71	(2.84 - 4.83)	2.19	(1.62 - 2.96)
Region 3	3.48	(2.50 - 4.81)	1.97	(1.39 - 2.77)
Region 4	3.52	(2.59 - 4.76)	2.01	(1.41 - 2.87)
Regions 5 and 6	3.35	(2.46 - 4.55)	2.06	(1.46 - 2.90)
Regions 7 and 8	3.47	(2.60 - 4.62)	2.25	(1.62 - 3.12)
Region 10 (Jefferson)	3.92	(2.89 - 5.31)	2.20	(1.52 - 3.16)
Maine	3.35	(2.76 - 4.06)	1.80	(1.47 - 2.21)
Planning Region 1	3.50	(2.76 - 4.44)	1.84	(1.41 - 2.39)
Region 1 (Cumberland)	3.81	(2.84 - 5.08)	1.88	(1.36 - 2.57)
Region 2 (York)	3.07	(2.24 - 4.19)	1.78	(1.28 - 2.48)
Planning Region 2	3.20	(2.54 - 4.03)	1.72	(1.36 - 2.19)
Region 3	3.46	(2.57 - 4.65)	1.82	(1.33 - 2.50)
Region 4	3.03	(2.22 - 4.13)	1.69	(1.19 - 2.40)
Region 5	2.98	(2.15 - 4.12)	1.60	(1.14 - 2.24)
Planning Region 3	3.35	(2.60 - 4.29)	1.89	(1.44 - 2.46)
Region 6 (Penobscot)	3.61	(2.68 - 4.84)	2.12	(1.53 - 2.93)
Region 7	3.13	(2.26 - 4.32)	1.69	(1.21 - 2.38)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Maryland	3.51	(2.83 - 4.34)	1.95	(1.55 - 2.44)
Anne Arundel	3.22	(2.32 - 4.46)	1.93	(1.36 - 2.71)
Baltimore City	4.71	(3.34 - 6.60)	2.47	(1.68 - 3.62)
Central	3.30	(2.39 - 4.53)	1.93	(1.40 - 2.66)
Montgomery	3.19	(2.29 - 4.42)	1.48	(1.04 - 2.12)
Prince George's	3.74	(2.68 - 5.21)	2.06	(1.40 - 3.01)
Rural	3.24	(2.34 - 4.47)	2.14	(1.53 - 2.99)
Western	3.43	(2.46 - 4.78)	1.80	(1.28 - 2.52)
Massachusetts	3.94	(3.24 - 4.77)	2.29	(1.87 - 2.80)
Boston	5.11	(3.75 - 6.93)	2.99	(2.17 - 4.12)
Central	3.42	(2.45 - 4.76)	2.05	(1.47 - 2.85)
Metrowest	4.15	(3.10 - 5.55)	2.12	(1.56 - 2.87)
Northeast	3.48	(2.54 - 4.75)	2.20	(1.60 - 3.02)
Southeast	3.67	(2.75 - 4.89)	2.27	(1.64 - 3.12)
Western	4.02	(2.98 - 5.40)	2.34	(1.70 - 3.21)
Michigan	3.71	(3.30 - 4.17)	2.09	(1.82 - 2.41)
Bay	3.34	(2.50 - 4.47)	1.68	(1.22 - 2.31)
Detroit City	4.79	(3.62 - 6.31)	3.19	(2.26 - 4.49)
Genesee	3.59	(2.71 - 4.74)	2.25	(1.66 - 3.03)
Kalamazoo	4.56	(3.51 - 5.91)	2.17	(1.63 - 2.87)
Kent	4.25	(3.27 - 5.53)	2.26	(1.70 - 3.01)
Lakeshore	3.46	(2.72 - 4.40)	1.90	(1.43 - 2.53)
Macomb	3.61	(2.79 - 4.65)	1.77	(1.33 - 2.34)
Mid South	3.65	(2.91 - 4.58)	1.93	(1.48 - 2.52)
Northern	3.37	(2.62 - 4.33)	1.73	(1.31 - 2.27)
Oakland	3.39	(2.67 - 4.30)	2.28	(1.74 - 2.99)
Pathways	3.73	(2.77 - 5.01)	1.95	(1.42 - 2.67)
Saginaw	3.45	(2.55 - 4.65)	1.86	(1.32 - 2.62)
Southeast	3.67	(2.87 - 4.68)	1.98	(1.52 - 2.56)
St. Clair	3.08	(2.28 - 4.13)	1.78	(1.31 - 2.42)
Washtenaw	3.40	(2.58 - 4.47)	2.13	(1.59 - 2.84)
Western	3.45	(2.51 - 4.73)	1.76	(1.27 - 2.43)
Minnesota	3.61	(2.98 - 4.36)	1.72	(1.38 - 2.15)
Regions 1 and 2	3.47	(2.57 - 4.66)	1.62	(1.15 - 2.27)
Regions 3 and 4	3.75	(2.80 - 5.02)	1.91	(1.38 - 2.65)
Regions 5 and 6	3.51	(2.63 - 4.69)	1.52	(1.08 - 2.14)
Region 7A (Hennepin)	3.65	(2.69 - 4.93)	1.88	(1.34 - 2.61)
Region 7B (Ramsey)	4.31	(3.15 - 5.88)	1.86	(1.28 - 2.69)
Region 7C	3.24	(2.37 - 4.42)	1.59	(1.14 - 2.21)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Mississippi	3.17	(2.52 - 3.98)	1.80	(1.41 - 2.31)
Region 1	2.76	(1.96 - 3.87)	1.56	(1.09 - 2.24)
Region 2	3.57	(2.47 - 5.15)	1.91	(1.29 - 2.83)
Region 3	3.06	(2.17 - 4.30)	1.65	(1.13 - 2.42)
Region 4	3.58	(2.54 - 5.04)	1.85	(1.30 - 2.64)
Region 5	3.19	(2.19 - 4.63)	1.61	(1.05 - 2.46)
Region 6	3.07	(2.19 - 4.28)	1.85	(1.29 - 2.66)
Region 7	3.05	(2.18 - 4.26)	2.16	(1.46 - 3.17)
Missouri	3.45	(2.85 - 4.17)	1.85	(1.51 - 2.27)
Central	3.42	(2.56 - 4.56)	2.00	(1.48 - 2.70)
Eastern	3.68	(2.84 - 4.77)	1.77	(1.34 - 2.33)
Eastern (St. Louis City and County)	4.02	(2.95 - 5.44)	1.76	(1.26 - 2.46)
Eastern (excluding St. Louis)	3.00	(2.20 - 4.10)	1.78	(1.28 - 2.47)
Northwest	3.51	(2.75 - 4.48)	1.95	(1.49 - 2.54)
Northwest (Jackson)	3.80	(2.78 - 5.16)	2.16	(1.54 - 3.03)
Northwest (excluding Jackson)	3.26	(2.40 - 4.41)	1.76	(1.27 - 2.43)
Southeast	3.06	(2.25 - 4.13)	1.69	(1.19 - 2.39)
Southwest	3.13	(2.37 - 4.14)	1.89	(1.38 - 2.58)
Montana	4.17	(3.43 - 5.05)	1.84	(1.50 - 2.27)
Region 1	3.77	(2.72 - 5.21)	1.69	(1.20 - 2.38)
Region 2	3.95	(2.90 - 5.34)	1.99	(1.42 - 2.77)
Region 3	3.78	(2.84 - 5.00)	1.59	(1.13 - 2.22)
Region 4	4.10	(3.14 - 5.33)	1.87	(1.40 - 2.49)
Region 5	4.72	(3.60 - 6.16)	1.97	(1.44 - 2.67)
Nebraska	3.85	(3.15 - 4.71)	1.86	(1.49 - 2.32)
Regions 1 and 2	3.21	(2.38 - 4.32)	1.74	(1.21 - 2.50)
Region 3	3.30	(2.41 - 4.50)	1.66	(1.16 - 2.38)
Region 4	3.30	(2.40 - 4.53)	1.74	(1.22 - 2.48)
Region 5	4.29	(3.23 - 5.68)	1.87	(1.34 - 2.61)
Region 6	4.13	(3.13 - 5.42)	2.00	(1.47 - 2.71)
Nevada	3.58	(2.86 - 4.47)	1.85	(1.43 - 2.38)
Clark	3.61	(2.80 - 4.65)	1.89	(1.40 - 2.55)
Rural	2.95	(2.15 - 4.04)	1.52	(1.05 - 2.19)
Washoe	3.97	(2.93 - 5.38)	1.94	(1.40 - 2.69)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Hampshire	3.50	(2.85 - 4.28)	2.09	(1.67 - 2.62)
Central	3.46	(2.71 - 4.42)	2.03	(1.54 - 2.67)
Central 1	3.75	(2.81 - 5.00)	2.04	(1.44 - 2.88)
Central 2	3.18	(2.31 - 4.35)	2.02	(1.44 - 2.82)
Northern	3.48	(2.53 - 4.78)	2.00	(1.42 - 2.82)
Southern	3.51	(2.77 - 4.45)	2.15	(1.65 - 2.78)
Southern 1 (Rockingham)	3.39	(2.46 - 4.66)	2.06	(1.44 - 2.94)
Southern 2	3.59	(2.73 - 4.70)	2.20	(1.64 - 2.94)
New Jersey	2.85	(2.25 - 3.60)	1.71	(1.36 - 2.15)
Central	2.75	(2.02 - 3.73)	1.63	(1.18 - 2.25)
Metropolitan	3.02	(2.17 - 4.19)	1.88	(1.32 - 2.68)
Northern	2.70	(1.94 - 3.74)	1.64	(1.19 - 2.27)
Southern	2.98	(2.15 - 4.11)	1.69	(1.21 - 2.38)
New Mexico	4.26	(3.45 - 5.25)	2.36	(1.88 - 2.96)
Region 1	3.74	(2.71 - 5.13)	2.08	(1.49 - 2.91)
Region 2	4.31	(3.11 - 5.93)	2.12	(1.47 - 3.07)
Region 3 (Bernalillo)	4.73	(3.61 - 6.17)	2.59	(1.94 - 3.46)
Region 4	4.06	(2.98 - 5.51)	2.15	(1.51 - 3.05)
Region 5	4.15	(3.13 - 5.50)	2.60	(1.90 - 3.55)
New York	3.44	(3.00 - 3.94)	2.08	(1.80 - 2.42)
Region A	3.72	(3.12 - 4.44)	2.13	(1.73 - 2.62)
Region 1	3.59	(2.67 - 4.81)	2.39	(1.69 - 3.38)
Region 2	3.66	(2.79 - 4.77)	2.05	(1.49 - 2.81)
Region 3	5.07	(3.81 - 6.72)	2.47	(1.79 - 3.40)
Region 4	2.93	(2.17 - 3.95)	1.85	(1.35 - 2.53)
Region B	2.95	(2.38 - 3.65)	1.89	(1.54 - 2.32)
Region 5	2.67	(2.04 - 3.50)	1.87	(1.46 - 2.41)
Region 6	3.53	(2.63 - 4.72)	1.93	(1.45 - 2.56)
Region C	3.41	(2.92 - 3.97)	2.19	(1.84 - 2.60)
Region 7	3.44	(2.61 - 4.53)	2.19	(1.61 - 2.98)
Region 8	3.43	(2.63 - 4.48)	2.27	(1.70 - 3.04)
Region 9	3.62	(2.76 - 4.74)	2.14	(1.61 - 2.86)
Region 10	3.33	(2.52 - 4.38)	2.13	(1.57 - 2.87)
Region 11	3.28	(2.50 - 4.29)	2.40	(1.79 - 3.20)
Region 12	3.34	(2.55 - 4.36)	1.98	(1.50 - 2.62)
Region D	3.35	(2.74 - 4.09)	1.99	(1.60 - 2.46)
Region 13	3.40	(2.47 - 4.65)	1.95	(1.41 - 2.67)
Region 14	3.57	(2.65 - 4.79)	1.98	(1.46 - 2.69)
Region 15	3.10	(2.33 - 4.10)	2.03	(1.48 - 2.78)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
North Carolina	3.02	(2.40 - 3.78)	1.94	(1.55 - 2.44)
Eastern	3.13	(2.26 - 4.34)	1.90	(1.37 - 2.62)
North Central	3.02	(2.18 - 4.18)	2.14	(1.54 - 2.97)
South Central	2.99	(2.16 - 4.13)	1.74	(1.21 - 2.49)
Western	2.96	(2.20 - 3.98)	1.98	(1.42 - 2.75)
North Dakota	3.94	(3.28 - 4.72)	1.57	(1.22 - 2.02)
Badlands and West Central Lake Region and South Central	3.67	(2.78 - 4.83)	1.28	(0.89 - 1.85)
North Central and Northwest	3.22	(2.38 - 4.34)	1.35	(0.93 - 1.97)
Northeast	3.64	(2.73 - 4.84)	1.47	(1.02 - 2.13)
Southeast	4.66	(3.55 - 6.10)	1.67	(1.16 - 2.39)
Ohio	4.46	(3.45 - 5.74)	1.99	(1.42 - 2.79)
Boards 2, 46, 55, and 68	3.27	(2.87 - 3.73)	1.99	(1.74 - 2.27)
Boards 3, 52, and 85	2.73	(2.05 - 3.63)	1.68	(1.21 - 2.33)
Boards 4 and 78	2.70	(2.00 - 3.62)	1.68	(1.23 - 2.31)
Boards 5 and 60	3.08	(2.30 - 4.10)	1.94	(1.43 - 2.62)
Boards 7, 15, 41, 79, and 84	3.39	(2.58 - 4.44)	2.17	(1.60 - 2.94)
Boards 8, 13, and 83	3.10	(2.32 - 4.13)	1.84	(1.35 - 2.51)
Board 9 (Butler)	2.75	(2.06 - 3.66)	2.13	(1.56 - 2.89)
Board 12	3.34	(2.56 - 4.35)	2.17	(1.60 - 2.94)
Boards 18 and 47	3.34	(2.55 - 4.37)	2.15	(1.58 - 2.90)
Boards 20, 32, 54, and 69	3.41	(2.66 - 4.36)	1.92	(1.46 - 2.52)
Boards 21, 39, 51, 70, and 80	2.97	(2.23 - 3.94)	1.88	(1.36 - 2.60)
Boards 22, 74, and 87	2.97	(2.20 - 4.01)	1.72	(1.23 - 2.38)
Boards 23 and 45	3.15	(2.37 - 4.19)	1.69	(1.22 - 2.35)
Board 25 (Franklin)	2.91	(2.17 - 3.89)	1.68	(1.23 - 2.30)
Boards 27, 71, and 73	3.98	(3.15 - 5.02)	2.37	(1.81 - 3.09)
Boards 28, 43, and 67	2.96	(2.24 - 3.91)	1.89	(1.39 - 2.56)
Board 31 (Hamilton)	3.52	(2.66 - 4.65)	1.79	(1.34 - 2.38)
Board 48 (Lucas)	3.26	(2.45 - 4.32)	2.25	(1.68 - 3.02)
Board 50 and 76	3.46	(2.64 - 4.54)	1.86	(1.34 - 2.57)
Board 57 (Montgomery)	3.32	(2.50 - 4.39)	1.86	(1.36 - 2.54)
Board 77 (Summit)	3.38	(2.56 - 4.44)	2.41	(1.76 - 3.30)
Oklahoma	3.39	(2.54 - 4.52)	2.10	(1.54 - 2.86)
Central	3.24	(2.64 - 3.96)	1.90	(1.52 - 2.38)
East Central	3.22	(2.34 - 4.42)	2.03	(1.44 - 2.85)
Northeast	2.65	(1.93 - 3.64)	1.58	(1.09 - 2.27)
Northwest and Southwest	2.90	(2.14 - 3.92)	1.82	(1.29 - 2.57)
Oklahoma County	3.18	(2.35 - 4.30)	1.82	(1.27 - 2.59)
Southeast	3.78	(2.77 - 5.13)	2.08	(1.46 - 2.94)
Tulsa County	2.93	(2.14 - 4.01)	1.64	(1.15 - 2.32)
	3.64	(2.68 - 4.93)	2.22	(1.58 - 3.12)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Oregon	3.62	(2.98 - 4.38)	2.04	(1.61 - 2.57)
Region 1 (Multnomah)	4.41	(3.35 - 5.80)	2.58	(1.85 - 3.59)
Region 2	3.70	(2.76 - 4.93)	1.88	(1.34 - 2.63)
Region 3	3.55	(2.70 - 4.66)	1.95	(1.37 - 2.75)
Region 4	2.88	(2.12 - 3.91)	1.89	(1.32 - 2.71)
Region 5	3.23	(2.35 - 4.42)	1.84	(1.27 - 2.67)
Pennsylvania	3.05	(2.68 - 3.47)	1.64	(1.42 - 1.91)
Region 1 (Allegheny)	3.38	(2.62 - 4.37)	1.77	(1.33 - 2.36)
Regions 2, 3, 8, and 9	2.76	(2.07 - 3.68)	1.46	(1.06 - 2.00)
Regions 4, 11, 42, and 48	2.79	(2.15 - 3.61)	1.58	(1.17 - 2.13)
Regions 5, 20, 26, 28, and 40	2.70	(2.07 - 3.52)	1.47	(1.09 - 1.98)
Regions 6, 12, 16, 35, 39, 41, 44, and 45	3.44	(2.73 - 4.34)	1.65	(1.25 - 2.18)
Regions 7, 13, 22, and 37	2.99	(2.36 - 3.78)	1.60	(1.25 - 2.04)
Regions 10, 14, 15, 25, 31, 36, and 46	2.83	(2.16 - 3.70)	1.58	(1.13 - 2.20)
Regions 17, 24, 27, 43, and 47	2.59	(1.93 - 3.47)	1.32	(0.94 - 1.85)
Region 18 (Philadelphia)	3.77	(2.92 - 4.85)	2.28	(1.72 - 3.01)
Regions 19 and 23	3.22	(2.40 - 4.31)	1.60	(1.15 - 2.22)
Regions 21, 30, 32, and 49	2.80	(2.20 - 3.57)	1.40	(1.05 - 1.87)
Regions 29 and 34	3.15	(2.36 - 4.19)	1.66	(1.21 - 2.27)
Regions 33 and 38	2.70	(2.01 - 3.63)	1.60	(1.15 - 2.21)
Rhode Island	4.21	(3.42 - 5.16)	2.73	(2.16 - 3.44)
Bristol and Newport	4.09	(2.99 - 5.58)	2.85	(1.96 - 4.13)
Kent	3.53	(2.55 - 4.87)	2.40	(1.69 - 3.40)
Providence	4.43	(3.46 - 5.64)	2.84	(2.15 - 3.72)
Washington	4.17	(3.08 - 5.62)	2.51	(1.79 - 3.51)
South Carolina	3.70	(3.01 - 4.54)	1.76	(1.38 - 2.25)
Region 1	3.55	(2.63 - 4.76)	1.90	(1.36 - 2.64)
Region 2	3.76	(2.89 - 4.89)	1.67	(1.19 - 2.34)
Region 3	3.47	(2.46 - 4.88)	1.63	(1.13 - 2.35)
Region 4	3.93	(2.91 - 5.29)	1.83	(1.29 - 2.57)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
South Dakota	4.71	(3.85 - 5.77)	1.64	(1.32 - 2.04)
Eastern Planning Area	4.60	(3.72 - 5.69)	1.60	(1.27 - 2.02)
Region 3 (Minnehaha)	4.93	(3.70 - 6.54)	1.76	(1.26 - 2.44)
Region 4	4.53	(3.33 - 6.14)	1.57	(1.10 - 2.22)
Region 5	4.54	(3.31 - 6.20)	1.47	(1.04 - 2.08)
Region 6	3.85	(2.77 - 5.33)	1.40	(0.98 - 1.99)
Region 7	4.95	(3.66 - 6.66)	1.71	(1.21 - 2.41)
Western Planning Area	4.98	(3.86 - 6.41)	1.73	(1.30 - 2.31)
Region 1 (Pennington)	4.78	(3.56 - 6.39)	1.74	(1.23 - 2.47)
Region 2	5.12	(3.73 - 6.97)	1.72	(1.21 - 2.45)
Tennessee	2.85	(2.25 - 3.60)	1.93	(1.52 - 2.44)
Region 1	2.56	(1.79 - 3.65)	1.74	(1.21 - 2.50)
Region 2	2.81	(2.02 - 3.91)	1.82	(1.29 - 2.58)
Region 3	2.53	(1.83 - 3.51)	1.84	(1.29 - 2.62)
Region 4 (Davidson)	3.58	(2.54 - 5.03)	2.46	(1.68 - 3.59)
Region 5	2.66	(1.92 - 3.68)	1.75	(1.24 - 2.47)
Region 6	2.92	(2.05 - 4.14)	1.88	(1.29 - 2.73)
Region 7 (Shelby)	3.11	(2.13 - 4.52)	2.18	(1.47 - 3.23)
Texas	3.06	(2.69 - 3.47)	1.76	(1.53 - 2.01)
Region 1	3.46	(2.66 - 4.49)	2.05	(1.53 - 2.74)
Region 2	2.97	(2.25 - 3.90)	1.84	(1.33 - 2.54)
Region 3	2.93	(2.45 - 3.51)	1.70	(1.40 - 2.06)
Region 3a	2.77	(2.19 - 3.50)	1.70	(1.35 - 2.14)
Region 3bc	3.21	(2.51 - 4.10)	1.70	(1.29 - 2.24)
Region 4	2.47	(1.84 - 3.31)	1.68	(1.24 - 2.29)
Region 5	2.76	(2.04 - 3.71)	2.10	(1.48 - 2.96)
Region 6	3.11	(2.54 - 3.81)	1.56	(1.24 - 1.97)
Region 6a	3.12	(2.50 - 3.89)	1.53	(1.19 - 1.98)
Region 6bc	3.05	(2.29 - 4.06)	1.80	(1.31 - 2.47)
Region 7	3.76	(3.08 - 4.59)	2.17	(1.75 - 2.69)
Region 7a	3.96	(3.07 - 5.08)	2.22	(1.69 - 2.92)
Region 7bcd	3.48	(2.70 - 4.47)	2.10	(1.58 - 2.78)
Region 8	2.88	(2.22 - 3.73)	1.79	(1.37 - 2.34)
Region 9	2.86	(2.16 - 3.78)	1.68	(1.21 - 2.33)
Region 10	3.12	(2.36 - 4.12)	1.78	(1.29 - 2.46)
Region 11	2.87	(2.29 - 3.59)	1.61	(1.27 - 2.05)
Region 11abd	2.97	(2.26 - 3.88)	1.60	(1.19 - 2.16)
Region 11c (Hidalgo)	2.66	(1.98 - 3.56)	1.64	(1.17 - 2.29)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Utah	3.24	(2.65 - 3.96)	1.83	(1.47 - 2.28)
Bear River, Northeastern, Summit, Tooele, and Wasatch	3.02	(2.21 - 4.11)	1.92	(1.37 - 2.70)
Central, Four Corners, San Juan, and Southwest	2.74	(1.98 - 3.78)	1.58	(1.10 - 2.27)
Davis County	3.07	(2.24 - 4.18)	1.82	(1.27 - 2.60)
Salt Lake County	3.60	(2.74 - 4.71)	1.85	(1.38 - 2.48)
Utah County	3.02	(2.22 - 4.08)	1.85	(1.31 - 2.61)
Weber, Morgan	3.21	(2.33 - 4.40)	1.93	(1.35 - 2.76)
Vermont	3.45	(2.81 - 4.23)	2.16	(1.77 - 2.64)
Champlain Valley	3.60	(2.77 - 4.67)	2.47	(1.91 - 3.20)
Rural Northeast	3.61	(2.65 - 4.89)	2.15	(1.59 - 2.91)
Rural Southeast	3.02	(2.17 - 4.17)	1.77	(1.24 - 2.52)
Rural Southwest	3.44	(2.52 - 4.68)	1.97	(1.42 - 2.72)
Virginia	3.46	(2.81 - 4.24)	1.99	(1.57 - 2.52)
Region 1	3.50	(2.58 - 4.73)	2.02	(1.45 - 2.83)
Region 2	3.81	(2.79 - 5.18)	1.95	(1.38 - 2.75)
Region 3	3.38	(2.53 - 4.52)	1.92	(1.35 - 2.73)
Region 4	3.32	(2.44 - 4.50)	2.01	(1.41 - 2.85)
Region 5	3.19	(2.32 - 4.37)	2.05	(1.45 - 2.88)
Washington	3.40	(2.77 - 4.16)	2.26	(1.83 - 2.79)
Region 1	3.49	(2.60 - 4.68)	2.24	(1.64 - 3.06)
Region 2	3.10	(2.22 - 4.30)	2.14	(1.51 - 3.02)
Region 3	3.43	(2.53 - 4.65)	2.30	(1.67 - 3.16)
Region 4 (King)	3.47	(2.59 - 4.64)	2.31	(1.69 - 3.16)
Region 5	3.41	(2.50 - 4.65)	2.41	(1.73 - 3.33)
Region 6	3.31	(2.42 - 4.52)	2.07	(1.49 - 2.87)
West Virginia	3.12	(2.56 - 3.81)	1.99	(1.62 - 2.45)
Eastern Highland	2.86	(2.11 - 3.87)	1.73	(1.24 - 2.42)
Northern	3.56	(2.77 - 4.56)	2.21	(1.69 - 2.88)
Northern A and B	3.07	(2.20 - 4.27)	1.75	(1.22 - 2.50)
Northern C and D	3.81	(2.86 - 5.06)	2.44	(1.80 - 3.31)
South Central	2.96	(2.32 - 3.76)	1.92	(1.49 - 2.48)
South Central I	2.89	(2.09 - 4.00)	1.80	(1.26 - 2.57)
South Central II	3.06	(2.22 - 4.21)	2.13	(1.51 - 3.00)
South Central III	2.92	(2.10 - 4.05)	1.86	(1.31 - 2.62)
Southern	3.14	(2.38 - 4.13)	2.13	(1.58 - 2.86)
Southern I and III	3.21	(2.32 - 4.42)	2.17	(1.52 - 3.08)
Southern II	2.99	(2.12 - 4.21)	2.05	(1.44 - 2.93)

See notes at end of table.

(continued)

Table C7. Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Wisconsin	4.29	(3.52 - 5.21)	1.72	(1.37 - 2.16)
Milwaukee	4.82	(3.55 - 6.52)	1.94	(1.34 - 2.79)
Northeastern	4.28	(3.18 - 5.75)	1.62	(1.15 - 2.27)
Northern	3.91	(2.83 - 5.37)	1.55	(1.07 - 2.23)
Southeastern	3.91	(2.90 - 5.26)	1.53	(1.07 - 2.19)
Southern	4.52	(3.44 - 5.92)	1.93	(1.38 - 2.70)
Western	4.14	(3.08 - 5.53)	1.72	(1.24 - 2.39)
Wyoming	3.65	(2.99 - 4.44)	1.81	(1.44 - 2.28)
Judicial District 1 (Laramie)	3.52	(2.58 - 4.77)	1.96	(1.37 - 2.81)
Judicial District 2	4.75	(3.54 - 6.35)	2.26	(1.61 - 3.17)
Judicial District 3	3.60	(2.65 - 4.87)	1.70	(1.20 - 2.41)
Judicial District 4	3.40	(2.44 - 4.74)	1.74	(1.21 - 2.51)
Judicial District 5	3.23	(2.33 - 4.48)	1.60	(1.09 - 2.34)
Judicial District 6	3.69	(2.69 - 5.04)	1.76	(1.24 - 2.48)
Judicial District 7 (Natrona)	3.52	(2.55 - 4.83)	1.78	(1.25 - 2.55)
Judicial District 8	3.11	(2.25 - 4.29)	1.51	(1.03 - 2.20)
Judicial District 9	3.88	(2.79 - 5.36)	1.85	(1.26 - 2.73)

NOTE: For Substate Region definitions, see Section D.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

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

¹ Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
National	7.66		2.99		9.28	
Alabama	5.99	(5.10 - 7.01)	2.84	(2.33 - 3.45)	7.36	(6.38 - 8.47)
Region 1	5.81	(4.63 - 7.27)	2.80	(2.11 - 3.71)	7.09	(5.74 - 8.73)
Region 2	6.29	(5.01 - 7.86)	3.01	(2.27 - 3.97)	7.82	(6.41 - 9.52)
Region 3	6.11	(4.78 - 7.77)	2.74	(2.00 - 3.74)	7.28	(5.75 - 9.16)
Region 4	5.67	(4.49 - 7.14)	2.73	(2.08 - 3.58)	7.09	(5.75 - 8.71)
Alaska	8.24	(7.09 - 9.56)	3.35	(2.78 - 4.03)	10.19	(8.94 - 11.59)
Gulf Coast	8.07	(6.31 - 10.27)	3.22	(2.37 - 4.37)	9.64	(7.78 - 11.90)
Rural	8.88	(6.82 - 11.47)	2.81	(2.00 - 3.94)	10.37	(8.20 - 13.03)
Southeast	8.46	(6.64 - 10.71)	3.20	(2.36 - 4.33)	10.21	(8.10 - 12.78)
Urban	8.13	(6.80 - 9.70)	3.49	(2.81 - 4.32)	10.26	(8.77 - 11.97)
Arizona	9.45	(8.19 - 10.88)	3.28	(2.71 - 3.98)	11.04	(9.72 - 12.52)
Maricopa	9.83	(8.35 - 11.55)	3.24	(2.59 - 4.04)	11.46	(9.88 - 13.26)
Pima	9.41	(7.49 - 11.75)	3.39	(2.50 - 4.58)	10.90	(8.86 - 13.33)
Rural North	8.77	(6.93 - 11.05)	3.18	(2.35 - 4.29)	10.03	(8.08 - 12.38)
Rural South	8.23	(6.32 - 10.65)	3.48	(2.52 - 4.79)	10.10	(8.03 - 12.63)
Arkansas	6.81	(5.85 - 7.91)	3.12	(2.58 - 3.76)	8.54	(7.55 - 9.66)
Areas 1 and 5	6.95	(5.56 - 8.66)	2.94	(2.22 - 3.86)	8.53	(7.02 - 10.33)
Areas 2 and 3	5.71	(4.36 - 7.43)	2.85	(2.11 - 3.84)	7.44	(5.92 - 9.32)
Areas 4 and 7	6.83	(5.33 - 8.72)	3.26	(2.42 - 4.37)	8.68	(7.04 - 10.65)
Area 6	7.66	(6.00 - 9.74)	3.07	(2.28 - 4.12)	9.29	(7.53 - 11.42)
Areas 8 and 12	6.84	(5.37 - 8.67)	3.22	(2.38 - 4.34)	8.79	(7.08 - 10.86)
Area 9	6.79	(5.38 - 8.54)	3.43	(2.58 - 4.55)	8.60	(7.03 - 10.49)
Areas 10, 11, and 13	7.07	(5.53 - 9.00)	3.04	(2.24 - 4.12)	8.74	(6.97 - 10.91)
California	7.39	(6.78 - 8.06)	3.16	(2.80 - 3.56)	9.15	(8.49 - 9.85)
Region 1	8.24	(6.62 - 10.22)	3.51	(2.68 - 4.59)	10.28	(8.35 - 12.61)
Region 2	8.00	(6.61 - 9.65)	3.60	(2.82 - 4.57)	10.21	(8.61 - 12.06)
Region 3	7.14	(5.84 - 8.71)	3.23	(2.52 - 4.14)	9.01	(7.49 - 10.80)
Region 4	8.13	(6.56 - 10.03)	3.07	(2.30 - 4.10)	9.80	(7.99 - 11.97)
Region 5	7.22	(5.95 - 8.75)	3.21	(2.51 - 4.10)	9.17	(7.66 - 10.93)
Region 6 (Santa Clara)	7.15	(5.81 - 8.77)	3.01	(2.30 - 3.94)	8.69	(7.19 - 10.48)
Region 7	8.41	(6.66 - 10.56)	3.43	(2.63 - 4.46)	10.28	(8.36 - 12.57)
Region 8	7.07	(5.75 - 8.66)	3.33	(2.59 - 4.27)	9.05	(7.48 - 10.90)
Region 9	7.95	(6.39 - 9.84)	3.32	(2.53 - 4.34)	9.64	(7.95 - 11.63)
Region 10	8.39	(6.87 - 10.21)	3.47	(2.68 - 4.50)	10.11	(8.38 - 12.15)
Region 11 (Los Angeles)	6.76	(5.82 - 7.84)	3.03	(2.51 - 3.65)	8.51	(7.48 - 9.66)
Region 12	7.45	(6.12 - 9.04)	3.06	(2.37 - 3.95)	9.03	(7.57 - 10.74)
Region 13 (Riverside)	7.10	(5.77 - 8.70)	3.02	(2.32 - 3.94)	8.65	(7.10 - 10.49)
Region 14 (Orange)	7.16	(5.88 - 8.68)	3.00	(2.33 - 3.86)	8.73	(7.32 - 10.38)
Region 15	8.16	(6.86 - 9.68)	3.03	(2.37 - 3.87)	9.63	(8.18 - 11.32)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Colorado	9.95	(8.67 - 11.39)	3.25	(2.70 - 3.91)	11.52	(10.21 - 12.98)
Region 1	9.47	(7.64 - 11.68)	3.48	(2.64 - 4.56)	11.09	(9.13 - 13.42)
Regions 2 and 7	10.44	(8.79 - 12.35)	3.30	(2.62 - 4.14)	12.13	(10.38 - 14.12)
Region 3	8.91	(7.08 - 11.16)	3.13	(2.33 - 4.19)	10.56	(8.61 - 12.90)
Region 4	9.27	(7.15 - 11.93)	3.27	(2.34 - 4.57)	10.80	(8.56 - 13.54)
Regions 5 and 6	9.70	(7.70 - 12.15)	2.88	(2.13 - 3.88)	10.57	(8.61 - 12.92)
Connecticut	7.52	(6.47 - 8.73)	3.02	(2.48 - 3.67)	9.39	(8.25 - 10.66)
Eastern	8.31	(6.62 - 10.39)	3.33	(2.48 - 4.46)	10.06	(8.11 - 12.41)
North Central	7.42	(5.92 - 9.25)	3.04	(2.29 - 4.02)	9.74	(8.00 - 11.81)
Northwestern	7.22	(5.74 - 9.04)	3.00	(2.24 - 4.01)	9.10	(7.39 - 11.15)
South Central	7.73	(6.23 - 9.54)	2.82	(2.14 - 3.70)	9.20	(7.54 - 11.17)
Southwest	7.22	(5.63 - 9.23)	3.06	(2.27 - 4.12)	8.95	(7.12 - 11.20)
Delaware	7.32	(6.35 - 8.42)	3.02	(2.50 - 3.65)	9.02	(7.94 - 10.24)
Kent	6.58	(5.13 - 8.40)	2.97	(2.21 - 3.97)	8.37	(6.68 - 10.44)
New Castle (excluding Wilmington city)	7.92	(6.73 - 9.29)	3.13	(2.51 - 3.92)	9.56	(8.23 - 11.08)
Sussex	6.05	(4.71 - 7.75)	2.62	(1.92 - 3.57)	7.82	(6.24 - 9.77)
Wilmington City	7.98	(6.05 - 10.45)	3.39	(2.44 - 4.68)	9.72	(7.60 - 12.36)
District of Columbia	9.39	(8.03 - 10.95)	4.00	(3.21 - 4.96)	11.77	(10.33 - 13.37)
Ward 1	11.47	(8.95 - 14.59)	4.24	(3.03 - 5.91)	13.72	(11.04 - 16.93)
Ward 2	11.92	(9.52 - 14.83)	4.29	(3.18 - 5.77)	14.26	(11.62 - 17.39)
Ward 3	10.73	(8.57 - 13.36)	3.08	(2.23 - 4.25)	12.28	(9.92 - 15.12)
Ward 4	7.58	(5.73 - 9.97)	3.60	(2.48 - 5.20)	9.88	(7.63 - 12.71)
Ward 5	8.11	(6.17 - 10.59)	4.34	(3.06 - 6.12)	10.58	(8.40 - 13.23)
Ward 6	9.45	(7.21 - 12.28)	3.95	(2.78 - 5.56)	11.96	(9.49 - 14.96)
Ward 7	7.36	(5.57 - 9.67)	4.32	(2.98 - 6.22)	10.32	(8.07 - 13.11)
Ward 8	7.58	(5.76 - 9.93)	4.42	(3.20 - 6.07)	10.55	(8.50 - 13.03)
Florida	7.09	(6.51 - 7.72)	3.02	(2.68 - 3.40)	8.84	(8.22 - 9.49)
District 1	7.52	(6.10 - 9.22)	3.28	(2.52 - 4.24)	9.62	(7.94 - 11.62)
District 2	9.43	(7.74 - 11.44)	3.53	(2.79 - 4.47)	11.41	(9.55 - 13.58)
District 3	9.14	(7.52 - 11.06)	3.47	(2.71 - 4.44)	10.86	(9.13 - 12.88)
District 4	7.10	(5.87 - 8.57)	3.52	(2.77 - 4.48)	9.31	(7.89 - 10.95)
District 7	7.48	(6.34 - 8.80)	3.16	(2.53 - 3.95)	9.32	(8.04 - 10.78)
District 8	5.76	(4.60 - 7.19)	2.42	(1.81 - 3.23)	7.21	(5.85 - 8.87)
District 9 (Palm Beach)	6.44	(5.25 - 7.87)	2.80	(2.14 - 3.65)	8.18	(6.74 - 9.90)
District 10 (Broward)	6.89	(5.68 - 8.33)	3.20	(2.50 - 4.09)	8.70	(7.28 - 10.38)
District 11	6.17	(5.10 - 7.43)	2.86	(2.24 - 3.65)	7.42	(6.23 - 8.83)
District 12	6.27	(5.02 - 7.80)	2.71	(2.06 - 3.57)	8.14	(6.62 - 9.97)
District 13	5.41	(4.23 - 6.90)	2.23	(1.65 - 3.02)	6.81	(5.45 - 8.46)
District 14	6.06	(4.79 - 7.63)	2.70	(2.04 - 3.56)	7.44	(6.01 - 9.17)
District 15	6.32	(4.99 - 7.98)	2.45	(1.82 - 3.29)	7.79	(6.26 - 9.65)
Suncoast	8.36	(7.10 - 9.83)	3.23	(2.58 - 4.03)	10.38	(8.97 - 11.99)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Georgia	6.80	(5.83 - 7.91)	2.81	(2.29 - 3.43)	8.62	(7.55 - 9.83)
Region 1	6.08	(4.74 - 7.78)	2.37	(1.72 - 3.27)	7.59	(6.07 - 9.45)
Region 2	7.11	(5.57 - 9.03)	2.76	(2.04 - 3.72)	8.87	(7.08 - 11.05)
Region 3	7.21	(5.91 - 8.77)	2.98	(2.28 - 3.89)	9.13	(7.59 - 10.96)
Region 4	6.28	(4.86 - 8.08)	2.79	(2.03 - 3.81)	8.07	(6.40 - 10.14)
Region 5	6.37	(4.95 - 8.15)	2.77	(2.05 - 3.73)	8.32	(6.67 - 10.32)
Hawaii	7.43	(6.34 - 8.69)	2.86	(2.28 - 3.59)	9.00	(7.82 - 10.33)
Hawaii Island	7.27	(5.64 - 9.34)	3.06	(2.18 - 4.29)	9.13	(7.24 - 11.44)
Honolulu	7.43	(6.21 - 8.87)	2.71	(2.10 - 3.51)	8.91	(7.62 - 10.41)
Kauai and Maui	7.57	(5.89 - 9.69)	3.38	(2.44 - 4.66)	9.28	(7.40 - 11.58)
Idaho	7.93	(6.95 - 9.03)	2.72	(2.26 - 3.26)	9.05	(8.06 - 10.15)
Region 1	7.62	(5.99 - 9.65)	2.47	(1.82 - 3.34)	8.80	(7.08 - 10.89)
Region 2	9.14	(7.31 - 11.38)	2.98	(2.19 - 4.03)	10.40	(8.45 - 12.75)
Region 3	7.26	(5.81 - 9.04)	2.67	(2.01 - 3.54)	8.50	(6.92 - 10.40)
Region 4	8.50	(7.01 - 10.28)	2.78	(2.15 - 3.60)	9.67	(8.17 - 11.42)
Region 5	7.65	(6.13 - 9.52)	2.75	(2.06 - 3.65)	8.80	(7.15 - 10.78)
Region 6	8.32	(6.65 - 10.37)	2.77	(2.08 - 3.68)	9.28	(7.52 - 11.41)
Region 7	6.92	(5.36 - 8.90)	2.69	(1.99 - 3.62)	7.78	(6.18 - 9.75)
Illinois	8.88	(8.20 - 9.61)	2.78	(2.46 - 3.15)	10.26	(9.53 - 11.03)
Region I (Cook)	9.51	(8.44 - 10.69)	3.20	(2.67 - 3.82)	11.29	(10.15 - 12.54)
Region II	8.55	(7.53 - 9.69)	2.62	(2.19 - 3.12)	9.68	(8.56 - 10.93)
Region III	9.07	(7.78 - 10.56)	2.31	(1.83 - 2.91)	9.93	(8.60 - 11.44)
Region IV	7.54	(6.28 - 9.02)	2.24	(1.74 - 2.87)	8.72	(7.36 - 10.31)
Region V	7.90	(6.65 - 9.35)	2.43	(1.93 - 3.06)	8.94	(7.59 - 10.49)
Indiana	8.01	(7.01 - 9.15)	2.86	(2.38 - 3.43)	9.36	(8.33 - 10.49)
Central	7.74	(6.28 - 9.51)	2.84	(2.16 - 3.74)	9.20	(7.60 - 11.11)
East	8.18	(6.46 - 10.31)	2.80	(2.07 - 3.79)	9.55	(7.73 - 11.74)
North Central	7.82	(6.23 - 9.78)	2.77	(2.08 - 3.68)	9.15	(7.45 - 11.18)
Northeast	7.42	(5.86 - 9.35)	2.70	(1.98 - 3.68)	8.63	(6.90 - 10.75)
Northwest	7.63	(5.97 - 9.71)	2.78	(2.06 - 3.73)	8.95	(7.23 - 11.04)
Southeast	7.42	(5.85 - 9.38)	2.89	(2.15 - 3.87)	8.59	(6.93 - 10.60)
Southwest	8.10	(6.30 - 10.36)	2.87	(2.11 - 3.89)	9.72	(7.76 - 12.11)
West	10.11	(8.21 - 12.40)	3.21	(2.43 - 4.25)	11.32	(9.32 - 13.67)
Iowa	8.62	(7.57 - 9.80)	2.50	(2.04 - 3.05)	9.81	(8.72 - 11.02)
Central	8.62	(6.97 - 10.63)	2.63	(1.93 - 3.57)	9.93	(8.14 - 12.07)
North Central	8.83	(7.10 - 10.93)	2.56	(1.88 - 3.47)	9.70	(7.93 - 11.82)
Northeast	9.17	(7.57 - 11.06)	2.55	(1.91 - 3.40)	10.36	(8.71 - 12.29)
Northwest	7.79	(6.22 - 9.71)	2.25	(1.66 - 3.05)	8.98	(7.28 - 11.03)
Southeast	8.75	(7.15 - 10.67)	2.58	(1.95 - 3.41)	10.10	(8.35 - 12.17)
Southwest	8.13	(6.41 - 10.26)	2.28	(1.65 - 3.14)	9.10	(7.29 - 11.31)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kansas	7.88	(6.86 - 9.04)	2.49	(2.04 - 3.04)	9.02	(7.96 - 10.20)
Kansas City Metro	8.83	(7.29 - 10.67)	2.70	(2.08 - 3.51)	9.87	(8.31 - 11.68)
Northeast	7.99	(6.43 - 9.89)	2.37	(1.76 - 3.18)	9.13	(7.41 - 11.20)
South Central	6.80	(5.35 - 8.59)	2.48	(1.82 - 3.38)	8.02	(6.46 - 9.91)
Southeast	7.53	(5.94 - 9.49)	2.35	(1.72 - 3.19)	8.48	(6.76 - 10.60)
West	6.90	(5.38 - 8.80)	2.29	(1.67 - 3.14)	7.94	(6.34 - 9.89)
Wichita (Sedgwick)	7.71	(6.12 - 9.65)	2.45	(1.81 - 3.33)	9.10	(7.38 - 11.18)
Kentucky	6.57	(5.66 - 7.63)	3.20	(2.64 - 3.87)	8.65	(7.58 - 9.85)
Adanta, Cumberland River, And Lifeskills	6.03	(4.81 - 7.55)	2.74	(2.03 - 3.69)	7.43	(5.96 - 9.24)
Bluegrass, Comprehend, and North Key	7.42	(6.01 - 9.12)	3.22	(2.44 - 4.24)	9.66	(8.07 - 11.53)
Communicare and River Valley	6.11	(4.76 - 7.81)	3.06	(2.25 - 4.17)	7.95	(6.26 - 10.03)
Four Rivers and Pennyroyal	6.32	(4.88 - 8.14)	3.37	(2.47 - 4.59)	8.74	(6.91 - 10.99)
Kentucky River, Mountain, And Pathways	5.95	(4.57 - 7.71)	3.37	(2.51 - 4.51)	8.00	(6.35 - 10.02)
Seven Counties	6.59	(5.16 - 8.39)	3.43	(2.59 - 4.53)	8.96	(7.25 - 11.02)
Louisiana	8.15	(7.12 - 9.31)	3.45	(2.86 - 4.16)	10.00	(8.93 - 11.19)
Region 1	8.33	(6.51 - 10.60)	4.01	(2.88 - 5.55)	10.70	(8.53 - 13.34)
Regions 2 and 9	9.07	(7.50 - 10.93)	3.53	(2.73 - 4.57)	10.77	(9.15 - 12.64)
Region 3	7.89	(6.15 - 10.07)	3.74	(2.70 - 5.17)	10.14	(8.18 - 12.50)
Region 4	8.15	(6.46 - 10.24)	3.18	(2.32 - 4.33)	9.86	(8.04 - 12.04)
Regions 5 and 6	7.41	(5.93 - 9.22)	3.17	(2.37 - 4.23)	9.00	(7.24 - 11.13)
Regions 7 and 8	7.39	(5.90 - 9.21)	3.30	(2.50 - 4.35)	9.24	(7.63 - 11.15)
Region 10 (Jefferson)	8.40	(6.65 - 10.57)	3.28	(2.40 - 4.48)	10.12	(8.10 - 12.56)
Maine	7.23	(6.25 - 8.36)	3.13	(2.63 - 3.72)	9.02	(7.93 - 10.26)
Planning Region 1	7.57	(6.32 - 9.04)	3.08	(2.49 - 3.81)	9.41	(8.01 - 11.03)
Region 1 (Cumberland)	8.00	(6.42 - 9.92)	3.21	(2.47 - 4.16)	9.81	(8.05 - 11.90)
Region 2 (York)	6.97	(5.43 - 8.90)	2.89	(2.18 - 3.82)	8.85	(7.13 - 10.93)
Planning Region 2	6.93	(5.82 - 8.24)	3.10	(2.50 - 3.84)	8.63	(7.38 - 10.08)
Region 3	7.30	(5.80 - 9.16)	3.26	(2.45 - 4.33)	9.02	(7.34 - 11.03)
Region 4	6.68	(5.15 - 8.62)	3.01	(2.24 - 4.03)	8.26	(6.54 - 10.37)
Region 5	6.62	(5.18 - 8.42)	2.93	(2.15 - 3.98)	8.41	(6.72 - 10.47)
Planning Region 3	7.21	(5.95 - 8.71)	3.25	(2.60 - 4.07)	9.08	(7.61 - 10.81)
Region 6 (Penobscot)	7.72	(6.14 - 9.66)	3.77	(2.87 - 4.93)	9.89	(8.04 - 12.12)
Region 7	6.79	(5.27 - 8.70)	2.83	(2.07 - 3.84)	8.41	(6.66 - 10.57)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Maryland	7.06	(6.05 - 8.23)	2.78	(2.27 - 3.41)	8.56	(7.43 - 9.84)
Anne Arundel	7.09	(5.52 - 9.08)	2.91	(2.14 - 3.94)	8.64	(6.84 - 10.86)
Baltimore City	8.24	(6.36 - 10.60)	3.08	(2.24 - 4.21)	10.42	(8.17 - 13.20)
Central	7.17	(5.69 - 9.00)	2.74	(2.06 - 3.65)	8.58	(6.95 - 10.54)
Montgomery	6.44	(5.02 - 8.21)	2.29	(1.66 - 3.17)	7.33	(5.80 - 9.24)
Prince George's	6.73	(5.16 - 8.73)	2.85	(2.05 - 3.95)	8.08	(6.35 - 10.24)
Rural	7.21	(5.62 - 9.19)	3.04	(2.24 - 4.11)	9.01	(7.26 - 11.14)
Western	6.81	(5.30 - 8.72)	2.79	(2.07 - 3.75)	8.45	(6.75 - 10.53)
Massachusetts	8.33	(7.29 - 9.51)	3.55	(2.98 - 4.22)	10.26	(9.08 - 11.57)
Boston	9.69	(7.73 - 12.07)	4.04	(3.04 - 5.37)	12.09	(9.86 - 14.74)
Central	7.99	(6.37 - 9.97)	3.34	(2.52 - 4.42)	9.98	(8.02 - 12.36)
Metrowest	8.68	(7.02 - 10.68)	3.35	(2.58 - 4.36)	10.20	(8.39 - 12.35)
Northeast	7.58	(6.04 - 9.48)	3.52	(2.68 - 4.61)	9.71	(7.88 - 11.91)
Southeast	7.90	(6.40 - 9.72)	3.65	(2.78 - 4.77)	9.72	(7.93 - 11.85)
Western	8.55	(6.84 - 10.65)	3.53	(2.71 - 4.59)	10.55	(8.65 - 12.82)
Michigan	8.17	(7.54 - 8.84)	3.15	(2.81 - 3.54)	9.88	(9.20 - 10.61)
Bay	7.95	(6.40 - 9.83)	2.94	(2.22 - 3.88)	9.12	(7.45 - 11.13)
Detroit City	8.31	(6.75 - 10.19)	4.08	(3.07 - 5.41)	11.24	(9.33 - 13.48)
Genesee	8.02	(6.49 - 9.87)	3.45	(2.64 - 4.48)	10.14	(8.46 - 12.11)
Kalamazoo	9.95	(8.36 - 11.81)	3.18	(2.52 - 4.00)	11.38	(9.69 - 13.31)
Kent	9.08	(7.54 - 10.89)	3.09	(2.42 - 3.94)	10.38	(8.75 - 12.27)
Lakeshore	8.07	(6.78 - 9.58)	3.20	(2.53 - 4.04)	9.63	(8.20 - 11.28)
Macomb	7.99	(6.62 - 9.60)	3.00	(2.35 - 3.81)	10.14	(8.56 - 11.98)
Mid South	8.37	(7.08 - 9.88)	2.99	(2.40 - 3.71)	9.82	(8.44 - 11.40)
Northern	8.58	(7.18 - 10.23)	2.99	(2.36 - 3.78)	9.98	(8.50 - 11.68)
Oakland	7.58	(6.32 - 9.07)	3.32	(2.64 - 4.17)	9.20	(7.81 - 10.80)
Pathways	8.94	(7.23 - 11.00)	3.04	(2.30 - 4.02)	10.53	(8.61 - 12.81)
Saginaw	7.69	(6.15 - 9.58)	3.06	(2.33 - 4.02)	9.30	(7.52 - 11.44)
Southeast	7.77	(6.50 - 9.27)	2.81	(2.21 - 3.56)	9.45	(8.02 - 11.12)
St. Clair	7.22	(5.82 - 8.92)	2.81	(2.14 - 3.67)	8.38	(6.82 - 10.26)
Washtenaw	7.77	(6.35 - 9.47)	3.17	(2.45 - 4.08)	9.47	(7.88 - 11.35)
Western	7.21	(5.67 - 9.14)	2.75	(2.06 - 3.66)	9.00	(7.25 - 11.12)
Minnesota	8.90	(7.82 - 10.10)	2.63	(2.18 - 3.18)	10.38	(9.22 - 11.67)
Regions 1 and 2	8.90	(7.12 - 11.07)	2.74	(2.03 - 3.69)	10.26	(8.30 - 12.61)
Regions 3 and 4	9.30	(7.66 - 11.24)	2.77	(2.11 - 3.63)	11.03	(9.14 - 13.24)
Regions 5 and 6	9.30	(7.61 - 11.31)	2.47	(1.85 - 3.30)	10.60	(8.79 - 12.72)
Region 7A (Hennepin)	8.58	(6.94 - 10.56)	2.73	(2.04 - 3.66)	10.21	(8.36 - 12.42)
Region 7B (Ramsey)	9.72	(7.70 - 12.20)	2.71	(1.96 - 3.73)	11.14	(8.89 - 13.86)
Region 7C	8.14	(6.50 - 10.15)	2.48	(1.87 - 3.27)	9.53	(7.74 - 11.68)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Mississippi	6.30	(5.32 - 7.44)	2.77	(2.24 - 3.42)	7.84	(6.78 - 9.03)
Region 1	5.62	(4.40 - 7.14)	2.55	(1.87 - 3.46)	6.98	(5.55 - 8.73)
Region 2	6.33	(4.79 - 8.32)	2.80	(2.01 - 3.88)	7.83	(6.11 - 9.97)
Region 3	6.18	(4.79 - 7.93)	2.62	(1.90 - 3.59)	7.55	(5.99 - 9.47)
Region 4	7.11	(5.48 - 9.18)	2.96	(2.18 - 4.01)	8.58	(6.89 - 10.65)
Region 5	5.84	(4.31 - 7.88)	2.64	(1.84 - 3.78)	7.30	(5.59 - 9.48)
Region 6	6.63	(5.11 - 8.56)	2.83	(2.06 - 3.90)	8.06	(6.35 - 10.20)
Region 7	6.38	(4.92 - 8.22)	2.97	(2.17 - 4.07)	8.50	(6.78 - 10.60)
Missouri	8.48	(7.43 - 9.67)	3.03	(2.55 - 3.60)	10.13	(9.03 - 11.35)
Central	9.21	(7.50 - 11.27)	3.25	(2.48 - 4.24)	10.96	(9.11 - 13.15)
Eastern	8.96	(7.50 - 10.68)	3.04	(2.44 - 3.79)	10.64	(9.10 - 12.39)
Eastern (St. Louis City and County)	9.32	(7.57 - 11.43)	3.03	(2.33 - 3.93)	10.97	(9.09 - 13.19)
Eastern (excluding St. Louis)	8.23	(6.48 - 10.41)	3.07	(2.32 - 4.05)	9.95	(8.12 - 12.13)
Northwest	8.56	(7.16 - 10.21)	3.15	(2.50 - 3.98)	10.36	(8.81 - 12.15)
Northwest (Jackson)	8.73	(6.99 - 10.86)	3.55	(2.65 - 4.74)	11.00	(9.00 - 13.38)
Northwest (excluding Jackson)	8.40	(6.69 - 10.50)	2.80	(2.07 - 3.78)	9.78	(7.93 - 12.00)
Southeast	7.34	(5.76 - 9.31)	2.80	(2.09 - 3.74)	8.57	(6.84 - 10.70)
Southwest	7.47	(5.97 - 9.31)	2.81	(2.13 - 3.70)	9.10	(7.47 - 11.05)
Montana	10.10	(8.86 - 11.49)	3.09	(2.60 - 3.68)	11.37	(10.10 - 12.78)
Region 1	9.02	(7.11 - 11.38)	2.77	(2.05 - 3.72)	10.22	(8.14 - 12.76)
Region 2	9.50	(7.64 - 11.75)	2.98	(2.27 - 3.91)	10.84	(8.88 - 13.18)
Region 3	9.60	(7.76 - 11.81)	2.76	(2.09 - 3.64)	10.80	(8.92 - 13.01)
Region 4	10.47	(8.77 - 12.45)	3.19	(2.52 - 4.03)	11.67	(9.88 - 13.74)
Region 5	10.75	(8.88 - 12.94)	3.38	(2.63 - 4.33)	12.08	(10.17 - 14.29)
Nebraska	10.03	(8.85 - 11.34)	2.71	(2.25 - 3.27)	10.84	(9.64 - 12.16)
Regions 1 and 2	8.98	(7.18 - 11.19)	2.56	(1.88 - 3.48)	9.79	(7.88 - 12.10)
Region 3	9.50	(7.65 - 11.73)	2.61	(1.93 - 3.53)	10.37	(8.39 - 12.75)
Region 4	8.68	(6.92 - 10.85)	2.63	(1.93 - 3.57)	9.44	(7.62 - 11.64)
Region 5	11.23	(9.39 - 13.39)	2.77	(2.14 - 3.59)	11.89	(9.98 - 14.09)
Region 6	10.18	(8.54 - 12.08)	2.78	(2.17 - 3.57)	11.08	(9.39 - 13.03)
Nevada	8.31	(7.10 - 9.71)	2.88	(2.29 - 3.62)	9.94	(8.66 - 11.39)
Clark	8.34	(6.91 - 10.02)	2.88	(2.20 - 3.75)	10.01	(8.49 - 11.77)
Rural	7.35	(5.83 - 9.22)	2.67	(1.95 - 3.65)	8.77	(7.04 - 10.87)
Washoe	9.02	(7.29 - 11.11)	3.07	(2.29 - 4.11)	10.63	(8.74 - 12.87)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Hampshire	8.70	(7.60 - 9.94)	3.27	(2.73 - 3.90)	10.51	(9.30 - 11.84)
Central	8.82	(7.42 - 10.46)	3.20	(2.55 - 4.02)	10.39	(8.85 - 12.16)
Central 1	9.43	(7.68 - 11.52)	3.39	(2.56 - 4.48)	10.91	(9.00 - 13.17)
Central 2	8.24	(6.53 - 10.33)	3.02	(2.28 - 3.99)	9.89	(7.96 - 12.21)
Northern	8.99	(7.20 - 11.17)	3.12	(2.36 - 4.10)	10.58	(8.53 - 13.05)
Southern	8.58	(7.30 - 10.06)	3.33	(2.70 - 4.11)	10.55	(9.15 - 12.13)
Southern 1 (Rockingham)	8.23	(6.62 - 10.20)	3.26	(2.43 - 4.35)	10.33	(8.40 - 12.64)
Southern 2	8.79	(7.26 - 10.62)	3.38	(2.66 - 4.28)	10.68	(9.02 - 12.59)
New Jersey	6.43	(5.43 - 7.60)	2.78	(2.28 - 3.40)	7.95	(6.89 - 9.16)
Central	6.40	(5.06 - 8.08)	2.71	(2.06 - 3.55)	7.80	(6.37 - 9.53)
Metropolitan	6.44	(5.06 - 8.17)	3.00	(2.23 - 4.05)	8.30	(6.65 - 10.31)
Northern	6.02	(4.75 - 7.62)	2.59	(1.96 - 3.42)	7.37	(5.99 - 9.03)
Southern	7.08	(5.58 - 8.94)	2.91	(2.17 - 3.91)	8.62	(6.98 - 10.59)
New Mexico	10.07	(8.73 - 11.58)	3.90	(3.23 - 4.70)	11.93	(10.54 - 13.48)
Region 1	9.13	(7.30 - 11.35)	3.62	(2.72 - 4.80)	10.78	(8.88 - 13.03)
Region 2	10.08	(7.96 - 12.67)	3.69	(2.71 - 5.02)	11.60	(9.39 - 14.24)
Region 3 (Bernalillo)	11.05	(9.18 - 13.25)	4.08	(3.19 - 5.20)	13.00	(10.92 - 15.40)
Region 4	9.01	(7.08 - 11.41)	3.54	(2.65 - 4.73)	10.85	(8.80 - 13.31)
Region 5	10.15	(8.14 - 12.59)	4.29	(3.25 - 5.64)	12.40	(10.26 - 14.90)
New York	7.00	(6.37 - 7.70)	3.08	(2.73 - 3.49)	8.78	(8.10 - 9.50)
Region A	6.68	(5.88 - 7.59)	2.93	(2.47 - 3.47)	8.53	(7.62 - 9.54)
Region 1	6.96	(5.58 - 8.64)	3.58	(2.73 - 4.68)	9.29	(7.59 - 11.32)
Region 2	6.34	(5.19 - 7.72)	2.80	(2.13 - 3.66)	8.18	(6.80 - 9.82)
Region 3	8.83	(7.20 - 10.78)	3.09	(2.36 - 4.04)	11.13	(9.31 - 13.25)
Region 4	5.44	(4.32 - 6.83)	2.60	(1.98 - 3.42)	6.71	(5.50 - 8.16)
Region B	6.78	(5.88 - 7.81)	3.02	(2.52 - 3.62)	8.16	(7.17 - 9.28)
Region 5	6.64	(5.57 - 7.90)	3.00	(2.43 - 3.70)	7.98	(6.83 - 9.30)
Region 6	7.09	(5.77 - 8.67)	3.07	(2.36 - 3.99)	8.55	(7.04 - 10.34)
Region C	7.51	(6.70 - 8.40)	3.36	(2.92 - 3.86)	9.46	(8.60 - 10.40)
Region 7	7.31	(5.86 - 9.08)	3.30	(2.55 - 4.26)	9.09	(7.50 - 10.98)
Region 8	7.54	(6.22 - 9.12)	3.50	(2.73 - 4.49)	9.60	(8.09 - 11.36)
Region 9	7.60	(6.19 - 9.29)	3.22	(2.51 - 4.13)	9.32	(7.76 - 11.15)
Region 10	8.08	(6.60 - 9.85)	3.39	(2.65 - 4.34)	9.90	(8.25 - 11.85)
Region 11	7.06	(5.77 - 8.60)	3.56	(2.81 - 4.50)	9.32	(7.82 - 11.06)
Region 12	7.74	(6.42 - 9.30)	3.19	(2.54 - 4.01)	9.67	(8.15 - 11.45)
Region D	7.50	(6.50 - 8.64)	3.11	(2.62 - 3.68)	9.30	(8.20 - 10.53)
Region 13	7.33	(5.83 - 9.19)	3.11	(2.39 - 4.04)	9.08	(7.44 - 11.04)
Region 14	7.88	(6.34 - 9.75)	3.04	(2.31 - 3.99)	9.58	(7.87 - 11.61)
Region 15	7.28	(5.89 - 8.98)	3.18	(2.48 - 4.07)	9.22	(7.60 - 11.15)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
North Carolina	6.48	(5.49 - 7.63)	3.04	(2.50 - 3.69)	8.09	(7.07 - 9.25)
Eastern	6.37	(4.98 - 8.12)	2.94	(2.21 - 3.90)	7.90	(6.40 - 9.73)
North Central	6.54	(5.11 - 8.33)	3.18	(2.39 - 4.22)	8.19	(6.60 - 10.12)
South Central	6.66	(5.27 - 8.38)	2.88	(2.13 - 3.89)	8.32	(6.74 - 10.23)
Western	6.36	(5.13 - 7.86)	3.11	(2.38 - 4.06)	7.97	(6.59 - 9.61)
North Dakota	10.62	(9.40 - 11.97)	2.60	(2.15 - 3.14)	11.52	(10.28 - 12.88)
Badlands and West Central Lake Region and South Central	9.62	(7.91 - 11.65)	2.37	(1.81 - 3.11)	10.24	(8.44 - 12.37)
North Central and Northwest	8.23	(6.64 - 10.17)	2.27	(1.67 - 3.08)	9.14	(7.41 - 11.22)
Northeast	10.39	(8.42 - 12.76)	2.38	(1.77 - 3.20)	11.19	(9.22 - 13.51)
Southeast	11.97	(9.96 - 14.33)	2.77	(2.09 - 3.65)	13.15	(11.02 - 15.61)
Ohio	12.49	(10.69 - 14.56)	3.10	(2.38 - 4.03)	13.58	(11.60 - 15.82)
Boards 2, 46, 55, and 68	7.54	(6.95 - 8.18)	2.95	(2.63 - 3.31)	9.20	(8.53 - 9.91)
Boards 3, 52, and 85	6.83	(5.54 - 8.39)	2.81	(2.15 - 3.66)	8.37	(6.91 - 10.10)
Boards 4 and 78	6.88	(5.53 - 8.53)	2.72	(2.10 - 3.52)	8.05	(6.57 - 9.83)
Boards 5 and 60	7.55	(6.09 - 9.33)	2.89	(2.22 - 3.76)	9.31	(7.58 - 11.38)
Boards 7, 15, 41, 79, and 84	8.14	(6.69 - 9.86)	3.11	(2.39 - 4.03)	9.66	(7.92 - 11.74)
Boards 8, 13, and 83	7.12	(5.80 - 8.71)	2.93	(2.26 - 3.78)	8.65	(7.13 - 10.47)
Board 9 (Butler)	6.41	(5.20 - 7.89)	3.26	(2.51 - 4.23)	8.38	(6.93 - 10.11)
Board 12	7.75	(6.33 - 9.44)	3.10	(2.39 - 4.00)	9.45	(7.82 - 11.39)
Boards 18 and 47	7.28	(5.86 - 9.01)	3.21	(2.48 - 4.13)	9.02	(7.48 - 10.85)
Boards 20, 32, 54, and 69	7.32	(6.14 - 8.70)	2.68	(2.12 - 3.37)	8.83	(7.54 - 10.31)
Boards 21, 39, 51, 70, and 80	7.17	(5.86 - 8.75)	2.89	(2.20 - 3.78)	8.81	(7.27 - 10.63)
Boards 22, 74, and 87	7.06	(5.78 - 8.59)	2.73	(2.11 - 3.53)	8.61	(7.15 - 10.34)
Boards 23 and 45	7.53	(6.11 - 9.24)	2.76	(2.13 - 3.58)	9.23	(7.59 - 11.18)
Board 25 (Franklin)	7.69	(6.19 - 9.52)	2.71	(2.08 - 3.54)	9.15	(7.47 - 11.15)
Boards 27, 71, and 73	8.91	(7.62 - 10.38)	3.32	(2.67 - 4.13)	10.86	(9.32 - 12.63)
Boards 28, 43, and 67	6.71	(5.37 - 8.35)	2.87	(2.20 - 3.73)	8.23	(6.72 - 10.05)
Board 31 (Hamilton)	7.68	(6.31 - 9.32)	2.72	(2.10 - 3.52)	8.96	(7.45 - 10.75)
Board 48 (Lucas)	7.32	(6.03 - 8.84)	3.01	(2.34 - 3.86)	9.03	(7.54 - 10.79)
Board 50 and 76	8.03	(6.57 - 9.77)	2.66	(2.04 - 3.45)	9.71	(8.05 - 11.67)
Board 57 (Montgomery)	7.45	(6.05 - 9.13)	2.81	(2.17 - 3.65)	8.95	(7.37 - 10.83)
Board 77 (Summit)	8.29	(6.75 - 10.14)	3.62	(2.73 - 4.80)	10.64	(8.80 - 12.81)
Oklahoma	7.97	(6.44 - 9.84)	3.26	(2.54 - 4.18)	9.80	(8.13 - 11.75)
Central	7.34	(6.29 - 8.56)	2.92	(2.39 - 3.55)	9.08	(7.98 - 10.31)
East Central	7.57	(5.93 - 9.60)	2.98	(2.23 - 3.98)	8.93	(7.16 - 11.07)
Northwest and Southwest	6.21	(4.76 - 8.08)	2.50	(1.81 - 3.43)	7.62	(5.99 - 9.65)
Oklahoma County	6.95	(5.52 - 8.71)	2.91	(2.17 - 3.88)	8.65	(7.01 - 10.63)
Southeast	7.09	(5.58 - 8.98)	2.71	(2.00 - 3.66)	8.63	(6.92 - 10.71)
Tulsa County	8.22	(6.55 - 10.27)	3.08	(2.30 - 4.12)	10.20	(8.27 - 12.51)
	6.85	(5.39 - 8.68)	2.77	(2.05 - 3.75)	8.49	(6.88 - 10.43)
	7.96	(6.31 - 10.00)	3.31	(2.43 - 4.48)	10.20	(8.31 - 12.45)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Oregon	7.56	(6.54 - 8.73)	3.02	(2.52 - 3.62)	9.40	(8.31 - 10.61)
Region 1 (Multnomah)	9.15	(7.41 - 11.24)	3.39	(2.60 - 4.41)	11.55	(9.51 - 13.96)
Region 2	7.65	(6.16 - 9.46)	2.92	(2.25 - 3.78)	9.11	(7.46 - 11.10)
Region 3	7.38	(6.01 - 9.04)	2.94	(2.23 - 3.87)	9.19	(7.68 - 10.97)
Region 4	6.36	(5.00 - 8.05)	2.85	(2.14 - 3.79)	8.16	(6.60 - 10.06)
Region 5	6.70	(5.21 - 8.57)	3.04	(2.25 - 4.09)	8.40	(6.74 - 10.44)
Pennsylvania	7.24	(6.66 - 7.86)	2.59	(2.30 - 2.91)	8.64	(8.01 - 9.32)
Region 1 (Allegheny)	8.21	(6.92 - 9.72)	2.71	(2.14 - 3.42)	9.60	(8.17 - 11.25)
Regions 2, 3, 8, and 9	6.92	(5.67 - 8.44)	2.36	(1.82 - 3.07)	8.03	(6.64 - 9.69)
Regions 4, 11, 42, and 48	7.35	(6.02 - 8.94)	2.58	(2.03 - 3.28)	8.76	(7.35 - 10.42)
Regions 5, 20, 26, 28, and 40	6.33	(5.19 - 7.70)	2.35	(1.84 - 3.00)	7.43	(6.24 - 8.83)
Regions 6, 12, 16, 35, 39, 41, 44, and 45	8.57	(7.24 - 10.12)	2.58	(2.02 - 3.28)	9.59	(8.19 - 11.19)
Regions 7, 13, 22, and 37	6.78	(5.80 - 7.92)	2.61	(2.13 - 3.21)	8.23	(7.11 - 9.52)
Regions 10, 14, 15, 25, 31, 36, and 46	7.12	(5.83 - 8.68)	2.59	(1.98 - 3.39)	8.67	(7.18 - 10.43)
Regions 17, 24, 27, 43, and 47	6.20	(5.02 - 7.62)	2.20	(1.70 - 2.86)	7.26	(5.97 - 8.80)
Region 18 (Philadelphia)	7.88	(6.68 - 9.28)	3.18	(2.52 - 4.00)	10.03	(8.61 - 11.65)
Regions 19 and 23	8.31	(6.71 - 10.24)	2.62	(2.01 - 3.40)	9.83	(8.11 - 11.88)
Regions 21, 30, 32, and 49	6.70	(5.63 - 7.96)	2.32	(1.83 - 2.93)	7.74	(6.58 - 9.09)
Regions 29 and 34	8.06	(6.57 - 9.86)	2.57	(1.98 - 3.33)	9.61	(7.97 - 11.55)
Regions 33 and 38	6.36	(5.05 - 7.99)	2.47	(1.88 - 3.25)	7.88	(6.47 - 9.57)
Rhode Island	9.66	(8.37 - 11.12)	4.01	(3.30 - 4.86)	11.51	(10.17 - 12.99)
Bristol and Newport	10.45	(8.35 - 13.01)	4.01	(2.98 - 5.37)	12.13	(9.82 - 14.89)
Kent	8.83	(6.96 - 11.15)	3.47	(2.57 - 4.68)	10.63	(8.66 - 12.99)
Providence	9.49	(8.00 - 11.23)	4.11	(3.27 - 5.15)	11.40	(9.79 - 13.24)
Washington	10.71	(8.50 - 13.41)	4.23	(3.20 - 5.56)	12.50	(10.11 - 15.36)
South Carolina	7.94	(6.83 - 9.21)	2.86	(2.35 - 3.47)	9.27	(8.14 - 10.53)
Region 1	7.75	(6.22 - 9.62)	2.97	(2.26 - 3.88)	9.29	(7.60 - 11.31)
Region 2	8.11	(6.66 - 9.83)	2.86	(2.21 - 3.70)	9.24	(7.75 - 10.98)
Region 3	7.27	(5.62 - 9.36)	2.61	(1.90 - 3.58)	8.48	(6.69 - 10.70)
Region 4	8.41	(6.72 - 10.46)	2.91	(2.16 - 3.92)	9.81	(7.99 - 11.99)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
South Dakota	10.64	(9.35 - 12.09)	2.56	(2.12 - 3.09)	11.53	(10.28 - 12.92)
Eastern Planning Area	10.51	(9.16 - 12.03)	2.47	(2.03 - 3.01)	11.27	(9.97 - 12.71)
Region 3 (Minnehaha)	11.35	(9.43 - 13.61)	2.66	(2.04 - 3.48)	12.07	(10.21 - 14.21)
Region 4	10.51	(8.47 - 12.99)	2.40	(1.77 - 3.23)	11.29	(9.27 - 13.69)
Region 5	9.75	(7.81 - 12.09)	2.27	(1.70 - 3.04)	10.55	(8.57 - 12.93)
Region 6	9.41	(7.55 - 11.68)	2.18	(1.61 - 2.94)	10.11	(8.26 - 12.32)
Region 7	10.88	(8.74 - 13.48)	2.73	(2.04 - 3.63)	11.73	(9.58 - 14.29)
Western Planning Area	10.96	(9.19 - 13.02)	2.75	(2.14 - 3.55)	12.16	(10.37 - 14.20)
Region 1 (Pennington)	10.54	(8.55 - 12.93)	2.68	(2.01 - 3.58)	11.71	(9.73 - 14.03)
Region 2	11.24	(8.95 - 14.01)	2.80	(2.06 - 3.81)	12.46	(10.15 - 15.21)
Tennessee	6.28	(5.37 - 7.33)	2.94	(2.42 - 3.56)	8.06	(7.04 - 9.22)
Region 1	6.07	(4.73 - 7.75)	3.02	(2.22 - 4.09)	7.88	(6.22 - 9.93)
Region 2	6.27	(4.90 - 8.00)	2.94	(2.22 - 3.90)	8.04	(6.45 - 9.98)
Region 3	6.06	(4.76 - 7.68)	2.82	(2.09 - 3.79)	7.81	(6.31 - 9.62)
Region 4 (Davidson)	7.38	(5.78 - 9.37)	3.27	(2.38 - 4.46)	9.73	(7.72 - 12.19)
Region 5	5.87	(4.63 - 7.42)	2.72	(2.04 - 3.61)	7.29	(5.90 - 8.97)
Region 6	6.27	(4.84 - 8.11)	2.84	(2.07 - 3.88)	8.10	(6.38 - 10.22)
Region 7 (Shelby)	6.49	(5.02 - 8.33)	3.20	(2.34 - 4.36)	8.43	(6.67 - 10.59)
Texas	7.59	(7.02 - 8.20)	2.75	(2.45 - 3.08)	9.07	(8.44 - 9.73)
Region 1	8.79	(7.21 - 10.67)	3.01	(2.36 - 3.83)	10.39	(8.69 - 12.39)
Region 2	7.02	(5.64 - 8.71)	2.71	(2.06 - 3.55)	8.53	(6.95 - 10.42)
Region 3	7.20	(6.36 - 8.14)	2.63	(2.23 - 3.09)	8.57	(7.68 - 9.55)
Region 3a	7.18	(6.17 - 8.34)	2.72	(2.23 - 3.30)	8.81	(7.71 - 10.04)
Region 3bc	7.25	(6.05 - 8.66)	2.48	(1.95 - 3.14)	8.15	(6.86 - 9.66)
Region 4	6.35	(5.07 - 7.92)	2.54	(1.96 - 3.28)	7.69	(6.24 - 9.44)
Region 5	6.69	(5.36 - 8.33)	3.15	(2.35 - 4.21)	8.86	(7.25 - 10.78)
Region 6	7.49	(6.51 - 8.62)	2.55	(2.13 - 3.05)	8.85	(7.81 - 10.01)
Region 6a	7.51	(6.43 - 8.75)	2.52	(2.07 - 3.07)	8.83	(7.72 - 10.09)
Region 6bc	7.37	(5.96 - 9.08)	2.81	(2.17 - 3.64)	8.97	(7.36 - 10.88)
Region 7	9.65	(8.41 - 11.05)	3.16	(2.62 - 3.81)	11.29	(9.94 - 12.80)
Region 7a	10.03	(8.43 - 11.89)	3.19	(2.51 - 4.05)	11.52	(9.79 - 13.51)
Region 7bcd	9.09	(7.62 - 10.81)	3.11	(2.45 - 3.94)	10.95	(9.27 - 12.89)
Region 8	7.43	(6.16 - 8.93)	2.72	(2.16 - 3.43)	8.99	(7.72 - 10.45)
Region 9	7.47	(6.04 - 9.22)	2.81	(2.15 - 3.66)	9.03	(7.37 - 11.01)
Region 10	7.76	(6.24 - 9.63)	2.99	(2.28 - 3.90)	9.66	(7.91 - 11.75)
Region 11	7.16	(6.06 - 8.44)	2.87	(2.33 - 3.53)	8.54	(7.36 - 9.90)
Region 11abd	7.38	(6.04 - 8.98)	2.76	(2.13 - 3.56)	8.61	(7.17 - 10.31)
Region 11c (Hidalgo)	6.73	(5.31 - 8.50)	3.09	(2.35 - 4.04)	8.40	(6.84 - 10.27)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Utah	6.56	(5.57 - 7.71)	2.96	(2.46 - 3.57)	8.07	(6.96 - 9.34)
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.84	(5.28 - 8.81)	3.32	(2.46 - 4.47)	8.22	(6.48 - 10.37)
Central, Four Corners, San Juan, and Southwest	5.35	(4.02 - 7.08)	2.56	(1.89 - 3.45)	6.37	(4.90 - 8.24)
Davis County	6.20	(4.76 - 8.03)	2.92	(2.16 - 3.93)	7.92	(6.31 - 9.91)
Salt Lake County	7.12	(5.77 - 8.74)	2.96	(2.30 - 3.80)	8.86	(7.32 - 10.68)
Utah County	6.25	(4.94 - 7.88)	2.98	(2.26 - 3.91)	7.37	(5.87 - 9.21)
Weber, Morgan	6.30	(4.77 - 8.27)	3.07	(2.25 - 4.17)	8.01	(6.28 - 10.17)
Vermont	7.86	(6.84 - 9.01)	3.37	(2.87 - 3.97)	9.88	(8.80 - 11.07)
Champlain Valley	8.59	(7.20 - 10.22)	3.72	(3.02 - 4.58)	10.53	(9.06 - 12.22)
Rural Northeast	7.63	(6.19 - 9.38)	3.34	(2.63 - 4.23)	9.89	(8.25 - 11.80)
Rural Southeast	7.06	(5.59 - 8.88)	2.96	(2.24 - 3.89)	8.94	(7.26 - 10.98)
Rural Southwest	7.49	(5.95 - 9.40)	3.15	(2.41 - 4.11)	9.53	(7.74 - 11.69)
Virginia	7.40	(6.40 - 8.56)	2.96	(2.46 - 3.56)	8.96	(7.88 - 10.17)
Region 1	7.82	(6.20 - 9.80)	3.06	(2.30 - 4.07)	9.32	(7.58 - 11.41)
Region 2	8.60	(6.83 - 10.78)	2.85	(2.15 - 3.77)	10.02	(8.19 - 12.22)
Region 3	7.52	(6.04 - 9.32)	2.95	(2.22 - 3.91)	9.16	(7.47 - 11.20)
Region 4	6.59	(5.23 - 8.27)	3.02	(2.28 - 3.99)	8.28	(6.71 - 10.18)
Region 5	6.32	(4.96 - 8.02)	2.98	(2.24 - 3.94)	7.89	(6.38 - 9.73)
Washington	7.89	(6.87 - 9.05)	3.30	(2.76 - 3.93)	9.90	(8.76 - 11.17)
Region 1	7.98	(6.43 - 9.87)	3.48	(2.66 - 4.55)	9.78	(7.92 - 12.01)
Region 2	7.58	(5.95 - 9.60)	3.29	(2.46 - 4.39)	9.65	(7.78 - 11.90)
Region 3	7.68	(6.10 - 9.61)	3.32	(2.56 - 4.31)	9.70	(7.92 - 11.83)
Region 4 (King)	8.13	(6.61 - 9.98)	3.33	(2.57 - 4.31)	10.15	(8.44 - 12.17)
Region 5	7.92	(6.32 - 9.87)	3.22	(2.42 - 4.26)	10.18	(8.28 - 12.46)
Region 6	7.74	(6.18 - 9.66)	3.15	(2.37 - 4.17)	9.59	(7.79 - 11.77)
West Virginia	6.94	(6.01 - 8.02)	3.06	(2.56 - 3.66)	8.59	(7.57 - 9.74)
Eastern Highland	6.39	(5.06 - 8.05)	2.77	(2.06 - 3.71)	7.63	(6.16 - 9.41)
Northern	7.73	(6.44 - 9.26)	3.29	(2.64 - 4.09)	9.46	(8.06 - 11.08)
Northern A and B	6.81	(5.32 - 8.69)	2.79	(2.06 - 3.78)	8.46	(6.74 - 10.57)
Northern C and D	8.21	(6.64 - 10.10)	3.54	(2.76 - 4.54)	9.98	(8.29 - 11.96)
South Central	6.73	(5.65 - 8.01)	2.94	(2.37 - 3.64)	8.36	(7.13 - 9.77)
South Central I	6.47	(5.00 - 8.33)	2.85	(2.09 - 3.86)	7.79	(6.17 - 9.79)
South Central II	6.89	(5.36 - 8.81)	3.12	(2.34 - 4.16)	8.67	(6.95 - 10.77)
South Central III	6.79	(5.38 - 8.54)	2.87	(2.16 - 3.82)	8.49	(6.81 - 10.54)
Southern	6.88	(5.57 - 8.46)	3.33	(2.56 - 4.32)	8.93	(7.41 - 10.73)
Southern I and III	6.93	(5.36 - 8.92)	3.38	(2.44 - 4.65)	9.10	(7.27 - 11.35)
Southern II	6.77	(5.24 - 8.69)	3.23	(2.38 - 4.35)	8.60	(6.83 - 10.78)

See notes at end of table.

(continued)

Table C8. Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Wisconsin	10.65	(9.34 - 12.11)	2.93	(2.42 - 3.55)	11.72	(10.40 - 13.19)
Milwaukee	11.77	(9.53 - 14.46)	2.93	(2.15 - 4.00)	13.49	(11.10 - 16.30)
Northeastern	10.23	(8.41 - 12.39)	2.73	(2.06 - 3.60)	11.15	(9.24 - 13.39)
Northern	9.87	(7.89 - 12.28)	2.61	(1.89 - 3.60)	10.69	(8.64 - 13.15)
Southeastern	9.67	(7.82 - 11.91)	2.91	(2.17 - 3.90)	10.65	(8.71 - 12.95)
Southern	11.55	(9.45 - 14.05)	3.34	(2.54 - 4.38)	12.70	(10.51 - 15.28)
Western	10.66	(8.68 - 13.02)	2.95	(2.20 - 3.94)	11.40	(9.43 - 13.72)
Wyoming	9.37	(8.26 - 10.60)	2.79	(2.30 - 3.37)	10.75	(9.56 - 12.07)
Judicial District 1 (Laramie)	8.45	(6.75 - 10.54)	2.98	(2.21 - 4.01)	10.35	(8.51 - 12.53)
Judicial District 2	13.54	(11.39 - 16.03)	3.39	(2.57 - 4.44)	15.01	(12.57 - 17.83)
Judicial District 3	9.18	(7.44 - 11.28)	2.87	(2.13 - 3.84)	10.62	(8.79 - 12.79)
Judicial District 4	8.47	(6.72 - 10.62)	2.49	(1.80 - 3.44)	9.73	(7.74 - 12.17)
Judicial District 5	7.81	(6.06 - 10.02)	2.38	(1.73 - 3.27)	8.91	(7.00 - 11.27)
Judicial District 6	9.15	(7.33 - 11.36)	2.76	(2.04 - 3.73)	10.47	(8.50 - 12.82)
Judicial District 7 (Natrona)	9.62	(7.73 - 11.91)	2.91	(2.19 - 3.86)	10.99	(8.94 - 13.43)
Judicial District 8	8.02	(6.26 - 10.23)	2.31	(1.68 - 3.17)	9.18	(7.24 - 11.58)
Judicial District 9	9.89	(7.88 - 12.34)	2.64	(1.91 - 3.63)	10.98	(8.81 - 13.59)

NOTE: For Substate Region definitions, see Section D.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

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

¹ Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table C9. *Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
National	7.27		2.69	
Alabama	5.68	(4.83 - 6.66)	2.40	(1.99 - 2.89)
Region 1	5.48	(4.34 - 6.89)	2.33	(1.78 - 3.03)
Region 2	5.96	(4.77 - 7.43)	2.51	(1.92 - 3.26)
Region 3	5.81	(4.51 - 7.45)	2.38	(1.79 - 3.16)
Region 4	5.41	(4.31 - 6.79)	2.34	(1.79 - 3.04)
Alaska	7.53	(6.43 - 8.80)	3.39	(2.79 - 4.11)
Gulf Coast	7.30	(5.64 - 9.40)	3.34	(2.48 - 4.48)
Rural	7.31	(5.65 - 9.39)	2.81	(2.01 - 3.91)
Southeast	7.54	(5.85 - 9.65)	3.17	(2.34 - 4.30)
Urban	7.61	(6.33 - 9.12)	3.53	(2.82 - 4.42)
Arizona	9.19	(7.98 - 10.56)	3.08	(2.53 - 3.74)
Maricopa	9.63	(8.18 - 11.31)	2.96	(2.35 - 3.72)
Pima	9.05	(7.31 - 11.17)	3.31	(2.45 - 4.46)
Rural North	8.35	(6.56 - 10.57)	3.12	(2.30 - 4.21)
Rural South	7.98	(6.21 - 10.19)	3.30	(2.38 - 4.57)
Arkansas	6.56	(5.61 - 7.66)	2.83	(2.37 - 3.38)
Areas 1 and 5	6.63	(5.33 - 8.23)	2.71	(2.07 - 3.54)
Areas 2 and 3	5.61	(4.31 - 7.27)	2.45	(1.85 - 3.24)
Areas 4 and 7	6.54	(5.17 - 8.25)	3.07	(2.30 - 4.09)
Area 6	7.51	(5.92 - 9.47)	2.62	(1.98 - 3.46)
Areas 8 and 12	6.64	(5.14 - 8.55)	2.76	(2.06 - 3.69)
Area 9	6.51	(5.15 - 8.19)	3.23	(2.44 - 4.26)
Areas 10, 11, and 13	6.81	(5.31 - 8.69)	2.76	(2.06 - 3.69)
California	7.14	(6.55 - 7.77)	2.95	(2.62 - 3.31)
Region 1	7.84	(6.33 - 9.68)	3.51	(2.64 - 4.64)
Region 2	7.80	(6.48 - 9.37)	3.42	(2.67 - 4.37)
Region 3	6.89	(5.59 - 8.45)	3.21	(2.45 - 4.20)
Region 4	7.69	(6.19 - 9.51)	2.74	(2.09 - 3.59)
Region 5	7.00	(5.76 - 8.49)	3.01	(2.36 - 3.82)
Region 6 (Santa Clara)	7.01	(5.69 - 8.61)	2.59	(2.00 - 3.36)
Region 7	8.12	(6.50 - 10.10)	3.13	(2.40 - 4.08)
Region 8	6.90	(5.67 - 8.37)	3.22	(2.49 - 4.14)
Region 9	7.71	(6.23 - 9.51)	3.29	(2.50 - 4.31)
Region 10	8.09	(6.58 - 9.91)	3.03	(2.36 - 3.88)
Region 11 (Los Angeles)	6.53	(5.64 - 7.56)	2.85	(2.36 - 3.44)
Region 12	7.34	(6.03 - 8.91)	3.04	(2.35 - 3.92)
Region 13 (Riverside)	6.77	(5.44 - 8.38)	2.79	(2.17 - 3.59)
Region 14 (Orange)	6.95	(5.77 - 8.35)	2.64	(2.07 - 3.38)
Region 15	7.68	(6.46 - 9.11)	2.78	(2.18 - 3.55)

See notes at end of table.

(continued)

Table C9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Colorado	9.46	(8.25 - 10.82)	3.04	(2.53 - 3.64)
Region 1	8.92	(7.20 - 11.01)	3.19	(2.46 - 4.12)
Regions 2 and 7	9.94	(8.39 - 11.74)	3.06	(2.44 - 3.83)
Region 3	8.58	(6.87 - 10.67)	3.00	(2.23 - 4.03)
Region 4	8.73	(6.77 - 11.19)	3.16	(2.28 - 4.37)
Regions 5 and 6	9.13	(7.26 - 11.42)	2.71	(2.05 - 3.59)
Connecticut	7.06	(6.04 - 8.25)	2.78	(2.30 - 3.35)
Eastern	7.71	(6.07 - 9.74)	3.18	(2.38 - 4.25)
North Central	6.90	(5.50 - 8.62)	2.92	(2.22 - 3.83)
Northwestern	6.67	(5.28 - 8.40)	2.59	(1.96 - 3.42)
South Central	7.33	(5.90 - 9.06)	2.68	(2.03 - 3.54)
Southwest	6.94	(5.36 - 8.93)	2.59	(1.94 - 3.45)
Delaware	6.68	(5.72 - 7.79)	2.61	(2.14 - 3.18)
Kent	6.01	(4.68 - 7.69)	2.85	(2.08 - 3.89)
New Castle (excluding Wilmington city)	7.28	(6.12 - 8.63)	2.52	(2.01 - 3.15)
Sussex	5.52	(4.24 - 7.17)	2.46	(1.78 - 3.40)
Wilmington City	7.00	(5.30 - 9.19)	3.05	(2.19 - 4.25)
District of Columbia	9.07	(7.77 - 10.56)	3.11	(2.49 - 3.88)
Ward 1	11.00	(8.57 - 14.02)	3.56	(2.56 - 4.93)
Ward 2	11.93	(9.57 - 14.77)	3.57	(2.64 - 4.81)
Ward 3	10.50	(8.44 - 12.99)	2.32	(1.68 - 3.20)
Ward 4	7.37	(5.53 - 9.78)	2.61	(1.86 - 3.65)
Ward 5	7.69	(5.93 - 9.91)	3.26	(2.33 - 4.54)
Ward 6	9.05	(6.97 - 11.68)	2.98	(2.15 - 4.13)
Ward 7	6.86	(5.19 - 9.03)	3.29	(2.30 - 4.70)
Ward 8	7.14	(5.54 - 9.17)	3.51	(2.56 - 4.80)
Florida	6.76	(6.18 - 7.39)	2.77	(2.45 - 3.12)
District 1	7.39	(5.99 - 9.08)	3.05	(2.37 - 3.91)
District 2	8.95	(7.46 - 10.70)	3.36	(2.63 - 4.28)
District 3	8.72	(7.23 - 10.48)	3.36	(2.61 - 4.32)
District 4	6.71	(5.53 - 8.12)	3.18	(2.51 - 4.03)
District 7	7.18	(6.12 - 8.42)	2.97	(2.38 - 3.70)
District 8	5.50	(4.34 - 6.95)	2.11	(1.60 - 2.79)
District 9 (Palm Beach)	6.10	(4.92 - 7.55)	2.47	(1.91 - 3.18)
District 10 (Broward)	6.55	(5.38 - 7.95)	2.83	(2.20 - 3.63)
District 11	5.88	(4.85 - 7.10)	2.62	(2.04 - 3.35)
District 12	6.09	(4.88 - 7.56)	2.40	(1.80 - 3.19)
District 13	5.32	(4.18 - 6.76)	2.11	(1.58 - 2.81)
District 14	5.66	(4.47 - 7.15)	2.47	(1.89 - 3.22)
District 15	6.12	(4.83 - 7.73)	2.33	(1.73 - 3.12)
Suncoast	7.89	(6.66 - 9.33)	2.98	(2.38 - 3.74)

See notes at end of table.

(continued)

Table C9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Georgia	6.47	(5.51 - 7.59)	2.55	(2.10 - 3.09)
Region 1	5.77	(4.47 - 7.41)	2.16	(1.60 - 2.91)
Region 2	6.70	(5.24 - 8.53)	2.49	(1.87 - 3.30)
Region 3	6.83	(5.57 - 8.36)	2.62	(2.02 - 3.39)
Region 4	6.06	(4.67 - 7.83)	2.67	(1.96 - 3.62)
Region 5	6.18	(4.84 - 7.86)	2.67	(1.98 - 3.59)
Hawaii	7.17	(6.14 - 8.34)	2.65	(2.08 - 3.36)
Hawaii Island	6.95	(5.40 - 8.89)	2.86	(2.07 - 3.95)
Honolulu	7.22	(6.09 - 8.54)	2.51	(1.90 - 3.30)
Kauai and Maui	7.11	(5.52 - 9.11)	3.14	(2.27 - 4.32)
Idaho	7.63	(6.70 - 8.68)	2.57	(2.16 - 3.06)
Region 1	7.33	(5.76 - 9.27)	2.26	(1.70 - 3.01)
Region 2	8.88	(7.17 - 10.95)	2.83	(2.13 - 3.76)
Region 3	6.98	(5.58 - 8.70)	2.57	(1.92 - 3.42)
Region 4	8.14	(6.74 - 9.80)	2.63	(2.04 - 3.39)
Region 5	7.22	(5.83 - 8.91)	2.49	(1.87 - 3.30)
Region 6	7.98	(6.45 - 9.82)	2.66	(1.99 - 3.54)
Region 7	6.91	(5.43 - 8.76)	2.64	(1.98 - 3.51)
Illinois	8.52	(7.85 - 9.25)	2.53	(2.23 - 2.87)
Region I (Cook)	9.16	(8.12 - 10.31)	3.01	(2.50 - 3.62)
Region II	8.18	(7.16 - 9.33)	2.21	(1.85 - 2.63)
Region III	8.59	(7.37 - 9.98)	2.14	(1.70 - 2.70)
Region IV	7.20	(6.02 - 8.59)	2.04	(1.60 - 2.59)
Region V	7.64	(6.45 - 9.02)	2.18	(1.74 - 2.71)
Indiana	7.38	(6.45 - 8.44)	2.56	(2.14 - 3.06)
Central	7.09	(5.71 - 8.76)	2.59	(1.96 - 3.42)
East	7.56	(6.00 - 9.48)	2.50	(1.89 - 3.32)
North Central	7.23	(5.79 - 8.99)	2.38	(1.81 - 3.13)
Northeast	6.80	(5.32 - 8.65)	2.50	(1.85 - 3.36)
Northwest	7.20	(5.72 - 9.03)	2.41	(1.80 - 3.22)
Southeast	6.73	(5.39 - 8.38)	2.58	(1.94 - 3.44)
Southwest	7.42	(5.88 - 9.31)	2.67	(1.95 - 3.63)
West	9.37	(7.62 - 11.48)	2.86	(2.18 - 3.76)
Iowa	8.06	(7.05 - 9.20)	2.29	(1.86 - 2.81)
Central	7.97	(6.38 - 9.91)	2.37	(1.74 - 3.22)
North Central	8.28	(6.70 - 10.20)	2.31	(1.73 - 3.06)
Northeast	8.62	(7.13 - 10.38)	2.26	(1.71 - 2.98)
Northwest	7.17	(5.69 - 8.98)	2.10	(1.54 - 2.85)
Southeast	8.34	(6.79 - 10.19)	2.47	(1.85 - 3.30)
Southwest	7.44	(5.84 - 9.42)	2.09	(1.50 - 2.91)

See notes at end of table.

(continued)

Table C9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kansas	7.50	(6.53 - 8.61)	2.21	(1.81 - 2.69)
Kansas City Metro	8.41	(7.01 - 10.06)	2.32	(1.78 - 3.02)
Northeast	7.58	(6.11 - 9.37)	2.14	(1.61 - 2.82)
South Central	6.45	(5.11 - 8.12)	2.23	(1.64 - 3.01)
Southeast	7.11	(5.61 - 8.97)	2.10	(1.54 - 2.85)
West	6.66	(5.19 - 8.50)	2.13	(1.56 - 2.90)
Wichita (Sedgwick)	7.34	(5.88 - 9.12)	2.15	(1.61 - 2.88)
Kentucky	6.34	(5.45 - 7.37)	2.89	(2.40 - 3.49)
Adanta, Cumberland River, and Lifeskills	5.81	(4.63 - 7.27)	2.45	(1.84 - 3.26)
Bluegrass, Comprehend, and North Key	7.22	(5.88 - 8.83)	3.05	(2.33 - 3.99)
Communicare and River Valley	5.90	(4.62 - 7.50)	2.65	(1.98 - 3.53)
Four Rivers and Pennyroyal	6.23	(4.82 - 8.02)	2.95	(2.19 - 3.96)
Kentucky River, Mountain, and Pathways	5.67	(4.37 - 7.33)	2.91	(2.16 - 3.90)
Seven Counties	6.26	(4.92 - 7.94)	3.13	(2.36 - 4.14)
Louisiana	7.66	(6.70 - 8.74)	3.07	(2.54 - 3.71)
Region 1	7.62	(6.03 - 9.60)	3.67	(2.64 - 5.08)
Regions 2 and 9	8.60	(7.12 - 10.35)	3.15	(2.42 - 4.09)
Region 3	7.35	(5.75 - 9.34)	3.16	(2.32 - 4.29)
Region 4	7.72	(6.14 - 9.67)	2.84	(2.09 - 3.85)
Regions 5 and 6	7.12	(5.74 - 8.80)	2.86	(2.14 - 3.82)
Regions 7 and 8	6.91	(5.61 - 8.48)	2.90	(2.17 - 3.86)
Region 10 (Jefferson)	7.80	(6.11 - 9.91)	2.93	(2.13 - 4.02)
Maine	6.78	(5.82 - 7.90)	2.92	(2.44 - 3.50)
Planning Region 1	7.15	(5.96 - 8.54)	2.83	(2.25 - 3.55)
Region 1 (Cumberland)	7.56	(6.10 - 9.34)	3.05	(2.32 - 4.00)
Region 2 (York)	6.56	(5.15 - 8.33)	2.52	(1.89 - 3.36)
Planning Region 2	6.43	(5.32 - 7.75)	2.91	(2.33 - 3.61)
Region 3	6.84	(5.43 - 8.59)	3.20	(2.36 - 4.33)
Region 4	6.07	(4.60 - 7.96)	2.83	(2.11 - 3.80)
Region 5	6.14	(4.75 - 7.90)	2.53	(1.93 - 3.32)
Planning Region 3	6.82	(5.57 - 8.32)	3.09	(2.46 - 3.88)
Region 6 (Penobscot)	7.30	(5.81 - 9.13)	3.56	(2.69 - 4.71)
Region 7	6.43	(4.94 - 8.32)	2.70	(2.01 - 3.61)

See notes at end of table.

(continued)

Table C9. *Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)*

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Maryland	6.51	(5.55 - 7.62)	2.52	(2.09 - 3.05)
Anne Arundel	6.65	(5.11 - 8.63)	2.69	(2.00 - 3.61)
Baltimore City	7.12	(5.51 - 9.16)	3.11	(2.21 - 4.36)
Central	6.70	(5.27 - 8.49)	2.52	(1.91 - 3.32)
Montgomery	6.07	(4.75 - 7.72)	1.89	(1.41 - 2.54)
Prince George's	6.26	(4.84 - 8.06)	2.38	(1.78 - 3.18)
Rural	6.56	(5.15 - 8.34)	2.88	(2.13 - 3.90)
Western	6.31	(4.89 - 8.09)	2.50	(1.91 - 3.27)
Massachusetts	7.81	(6.79 - 8.97)	3.03	(2.55 - 3.60)
Boston	9.09	(7.30 - 11.26)	3.85	(2.89 - 5.11)
Central	7.50	(5.89 - 9.50)	2.87	(2.17 - 3.80)
Metrowest	8.23	(6.69 - 10.10)	2.72	(2.11 - 3.49)
Northeast	7.12	(5.69 - 8.89)	2.89	(2.23 - 3.75)
Southeast	7.28	(5.83 - 9.05)	3.08	(2.40 - 3.95)
Western	8.00	(6.39 - 9.96)	3.13	(2.42 - 4.04)
Michigan	7.72	(7.11 - 8.38)	2.72	(2.43 - 3.04)
Bay	7.47	(6.00 - 9.27)	2.46	(1.90 - 3.16)
Detroit City	7.69	(6.25 - 9.42)	3.73	(2.84 - 4.88)
Genesee	7.49	(6.06 - 9.23)	2.91	(2.28 - 3.70)
Kalamazoo	9.21	(7.69 - 10.98)	2.80	(2.23 - 3.51)
Kent	8.59	(7.15 - 10.28)	2.86	(2.27 - 3.61)
Lakeshore	7.58	(6.30 - 9.10)	2.68	(2.16 - 3.32)
Macomb	7.52	(6.21 - 9.08)	2.51	(2.00 - 3.16)
Mid South	7.99	(6.79 - 9.39)	2.59	(2.10 - 3.20)
Northern	7.94	(6.58 - 9.54)	2.53	(2.04 - 3.14)
Oakland	7.28	(6.11 - 8.65)	2.71	(2.20 - 3.34)
Pathways	8.11	(6.55 - 10.00)	2.60	(1.99 - 3.38)
Saginaw	7.22	(5.76 - 9.02)	2.60	(1.99 - 3.39)
Southeast	7.47	(6.26 - 8.89)	2.54	(2.02 - 3.20)
St. Clair	6.90	(5.52 - 8.60)	2.31	(1.80 - 2.97)
Washtenaw	7.68	(6.32 - 9.30)	2.62	(2.08 - 3.31)
Western	6.99	(5.55 - 8.77)	2.36	(1.80 - 3.09)
Minnesota	8.26	(7.19 - 9.47)	2.45	(2.04 - 2.94)
Regions 1 and 2	8.21	(6.55 - 10.25)	2.63	(1.97 - 3.51)
Regions 3 and 4	8.44	(6.89 - 10.30)	2.49	(1.91 - 3.23)
Regions 5 and 6	8.66	(7.07 - 10.57)	2.33	(1.76 - 3.08)
Region 7A (Hennepin)	7.95	(6.37 - 9.88)	2.57	(1.96 - 3.36)
Region 7B (Ramsey)	9.17	(7.23 - 11.58)	2.54	(1.89 - 3.41)
Region 7C	7.65	(6.09 - 9.56)	2.26	(1.71 - 2.99)

See notes at end of table.

(continued)

Table C9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Mississippi	6.06	(5.13 - 7.14)	2.54	(2.08 - 3.09)
Region 1	5.54	(4.37 - 7.00)	2.29	(1.73 - 3.02)
Region 2	5.96	(4.56 - 7.75)	2.67	(1.93 - 3.68)
Region 3	6.04	(4.71 - 7.71)	2.35	(1.72 - 3.22)
Region 4	6.60	(5.12 - 8.47)	2.68	(2.01 - 3.57)
Region 5	5.59	(4.21 - 7.38)	2.39	(1.71 - 3.34)
Region 6	6.46	(4.97 - 8.35)	2.57	(1.91 - 3.45)
Region 7	6.21	(4.85 - 7.91)	2.80	(2.04 - 3.83)
Missouri	8.05	(7.03 - 9.19)	2.85	(2.41 - 3.38)
Central	8.83	(7.22 - 10.77)	2.96	(2.29 - 3.83)
Eastern	8.47	(7.11 - 10.07)	2.88	(2.29 - 3.62)
Eastern (St. Louis City and County)	8.84	(7.15 - 10.87)	2.99	(2.27 - 3.92)
Eastern (excluding St. Louis)	7.74	(6.19 - 9.63)	2.67	(2.03 - 3.50)
Northwest	8.11	(6.79 - 9.66)	3.00	(2.39 - 3.75)
Northwest (Jackson)	8.35	(6.71 - 10.35)	3.58	(2.66 - 4.82)
Northwest (excluding Jackson)	7.88	(6.30 - 9.82)	2.47	(1.86 - 3.26)
Southeast	6.88	(5.39 - 8.73)	2.63	(1.97 - 3.49)
Southwest	7.21	(5.77 - 8.97)	2.65	(2.01 - 3.49)
Montana	9.42	(8.21 - 10.80)	2.81	(2.38 - 3.31)
Region 1	8.39	(6.57 - 10.65)	2.50	(1.88 - 3.31)
Region 2	8.73	(7.04 - 10.79)	2.91	(2.18 - 3.87)
Region 3	8.97	(7.26 - 11.02)	2.56	(1.97 - 3.32)
Region 4	9.86	(8.19 - 11.83)	2.80	(2.23 - 3.52)
Region 5	10.01	(8.25 - 12.08)	3.01	(2.38 - 3.80)
Nebraska	9.40	(8.25 - 10.69)	2.47	(2.03 - 3.01)
Regions 1 and 2	8.30	(6.56 - 10.45)	2.35	(1.73 - 3.19)
Region 3	8.87	(7.08 - 11.06)	2.42	(1.79 - 3.26)
Region 4	8.07	(6.42 - 10.08)	2.33	(1.72 - 3.15)
Region 5	10.44	(8.65 - 12.56)	2.42	(1.85 - 3.17)
Region 6	9.66	(8.13 - 11.44)	2.60	(2.00 - 3.38)
Nevada	8.10	(6.94 - 9.43)	2.66	(2.17 - 3.25)
Clark	8.19	(6.86 - 9.75)	2.67	(2.09 - 3.40)
Rural	7.17	(5.67 - 9.03)	2.28	(1.72 - 3.01)
Washoe	8.48	(6.85 - 10.46)	2.94	(2.24 - 3.85)

See notes at end of table.

(continued)

Table C9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Hampshire	8.33	(7.23 - 9.59)	2.86	(2.40 - 3.40)
Central	8.31	(6.99 - 9.87)	2.90	(2.32 - 3.61)
Central 1	8.86	(7.22 - 10.83)	3.09	(2.34 - 4.06)
Central 2	7.78	(6.16 - 9.79)	2.72	(2.08 - 3.56)
Northern	8.46	(6.75 - 10.56)	2.83	(2.13 - 3.75)
Southern	8.31	(7.03 - 9.81)	2.84	(2.34 - 3.45)
Southern 1 (Rockingham)	7.91	(6.26 - 9.95)	2.61	(1.99 - 3.41)
Southern 2	8.55	(7.07 - 10.32)	2.99	(2.39 - 3.72)
New Jersey	6.04	(5.09 - 7.15)	2.37	(1.97 - 2.85)
Central	6.01	(4.77 - 7.56)	2.27	(1.77 - 2.91)
Metropolitan	5.99	(4.65 - 7.68)	2.55	(1.90 - 3.41)
Northern	5.77	(4.56 - 7.27)	2.21	(1.71 - 2.86)
Southern	6.53	(5.15 - 8.26)	2.52	(1.93 - 3.28)
New Mexico	9.43	(8.17 - 10.87)	3.54	(2.92 - 4.28)
Region 1	8.29	(6.61 - 10.37)	3.27	(2.44 - 4.38)
Region 2	9.11	(7.22 - 11.44)	3.12	(2.28 - 4.25)
Region 3 (Bernalillo)	10.45	(8.71 - 12.48)	3.65	(2.84 - 4.67)
Region 4	8.57	(6.72 - 10.87)	3.49	(2.57 - 4.73)
Region 5	9.81	(7.88 - 12.14)	3.97	(3.00 - 5.24)
New York	6.64	(6.04 - 7.29)	2.70	(2.40 - 3.03)
Region A	6.32	(5.57 - 7.16)	2.56	(2.18 - 3.02)
Region 1	6.55	(5.27 - 8.12)	3.07	(2.38 - 3.94)
Region 2	6.01	(4.95 - 7.29)	2.46	(1.91 - 3.17)
Region 3	8.22	(6.75 - 9.97)	2.70	(2.11 - 3.44)
Region 4	5.23	(4.17 - 6.54)	2.31	(1.78 - 2.98)
Region B	6.51	(5.65 - 7.48)	2.57	(2.17 - 3.03)
Region 5	6.37	(5.38 - 7.54)	2.55	(2.09 - 3.11)
Region 6	6.80	(5.49 - 8.39)	2.60	(2.05 - 3.29)
Region C	7.11	(6.37 - 7.93)	3.00	(2.61 - 3.44)
Region 7	6.95	(5.63 - 8.54)	2.97	(2.31 - 3.81)
Region 8	7.13	(5.88 - 8.61)	3.12	(2.42 - 4.02)
Region 9	7.22	(5.95 - 8.74)	2.92	(2.30 - 3.71)
Region 10	7.77	(6.36 - 9.47)	3.12	(2.44 - 3.97)
Region 11	6.67	(5.45 - 8.14)	3.16	(2.49 - 3.99)
Region 12	7.25	(5.99 - 8.75)	2.80	(2.21 - 3.53)
Region D	7.04	(6.09 - 8.12)	2.69	(2.27 - 3.18)
Region 13	6.81	(5.49 - 8.41)	2.75	(2.12 - 3.56)
Region 14	7.47	(6.04 - 9.21)	2.68	(2.11 - 3.40)
Region 15	6.82	(5.53 - 8.39)	2.64	(2.06 - 3.37)

See notes at end of table.

(continued)

Table C9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
North Carolina	5.99	(5.06 - 7.09)	2.72	(2.24 - 3.31)
Eastern	5.80	(4.59 - 7.32)	2.64	(1.98 - 3.50)
North Central	5.97	(4.63 - 7.66)	2.78	(2.10 - 3.67)
South Central	6.35	(5.02 - 8.01)	2.62	(1.96 - 3.50)
Western	5.87	(4.72 - 7.27)	2.81	(2.16 - 3.64)
North Dakota	9.98	(8.79 - 11.32)	2.40	(1.99 - 2.90)
Badlands and West Central Lake Region and South Central	8.93	(7.38 - 10.75)	2.23	(1.70 - 2.93)
North Central and Northwest	7.78	(6.17 - 9.76)	2.13	(1.58 - 2.88)
Northeast	9.74	(7.92 - 11.93)	2.18	(1.64 - 2.90)
Southeast	11.40	(9.50 - 13.63)	2.58	(1.96 - 3.37)
Ohio	11.78	(9.98 - 13.84)	2.80	(2.15 - 3.64)
Boards 2, 46, 55, and 68	7.10	(6.50 - 7.76)	2.59	(2.32 - 2.90)
Boards 3, 52, and 85	6.51	(5.25 - 8.04)	2.42	(1.90 - 3.07)
Boards 4 and 78	6.50	(5.28 - 8.00)	2.33	(1.82 - 2.98)
Boards 5 and 60	7.03	(5.64 - 8.72)	2.54	(1.97 - 3.28)
Boards 7, 15, 41, 79, and 84	7.76	(6.34 - 9.47)	2.71	(2.10 - 3.48)
Boards 8, 13, and 83	6.52	(5.25 - 8.05)	2.48	(1.93 - 3.20)
Board 9 (Butler)	6.05	(4.84 - 7.53)	2.73	(2.14 - 3.46)
Board 12	7.48	(6.11 - 9.13)	2.90	(2.23 - 3.75)
Boards 18 and 47	7.00	(5.72 - 8.55)	2.87	(2.25 - 3.66)
Boards 20, 32, 54, and 69	7.01	(5.90 - 8.31)	2.32	(1.86 - 2.91)
Boards 21, 39, 51, 70, and 80	6.78	(5.44 - 8.42)	2.46	(1.93 - 3.14)
Boards 22, 74, and 87	6.65	(5.39 - 8.17)	2.35	(1.83 - 3.01)
Boards 23 and 45	7.19	(5.86 - 8.78)	2.40	(1.85 - 3.10)
Board 25 (Franklin)	7.40	(5.94 - 9.17)	2.38	(1.84 - 3.07)
Boards 27, 71, and 73	8.30	(7.00 - 9.82)	2.93	(2.36 - 3.64)
Boards 28, 43, and 67	6.33	(5.08 - 7.86)	2.56	(2.00 - 3.27)
Board 31 (Hamilton)	7.24	(5.96 - 8.77)	2.29	(1.80 - 2.91)
Board 48 (Lucas)	6.82	(5.59 - 8.30)	2.73	(2.12 - 3.50)
Board 50 and 76	7.59	(6.20 - 9.27)	2.62	(1.98 - 3.46)
Board 57 (Montgomery)	6.94	(5.60 - 8.58)	2.37	(1.86 - 3.02)
Board 77 (Summit)	7.70	(6.27 - 9.42)	3.22	(2.38 - 4.34)
Oklahoma	7.36	(5.95 - 9.09)	2.88	(2.24 - 3.68)
Central	6.90	(5.93 - 8.03)	2.74	(2.28 - 3.30)
East Central	7.09	(5.59 - 8.97)	2.69	(2.02 - 3.57)
Northeast	5.74	(4.41 - 7.44)	2.34	(1.71 - 3.19)
Northwest and Southwest	6.63	(5.23 - 8.37)	2.64	(1.97 - 3.53)
Oklahoma County	6.69	(5.32 - 8.39)	2.60	(1.93 - 3.49)
Southeast	7.69	(6.13 - 9.60)	2.83	(2.12 - 3.77)
Tulsa County	6.43	(5.09 - 8.10)	2.68	(2.01 - 3.56)
	7.53	(6.01 - 9.38)	3.24	(2.38 - 4.39)

See notes at end of table.

(continued)

Table C9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Oregon	7.14	(6.19 - 8.22)	2.88	(2.42 - 3.44)
Region 1 (Multnomah)	8.70	(7.07 - 10.66)	3.32	(2.53 - 4.35)
Region 2	7.10	(5.75 - 8.74)	2.70	(2.11 - 3.46)
Region 3	7.02	(5.74 - 8.55)	2.80	(2.14 - 3.65)
Region 4	5.98	(4.75 - 7.50)	2.78	(2.11 - 3.66)
Region 5	6.36	(4.98 - 8.09)	2.86	(2.14 - 3.79)
Pennsylvania	6.86	(6.29 - 7.48)	2.28	(2.02 - 2.56)
Region 1 (Allegheny)	7.81	(6.59 - 9.23)	2.34	(1.88 - 2.91)
Regions 2, 3, 8, and 9	6.74	(5.55 - 8.18)	2.02	(1.58 - 2.59)
Regions 4, 11, 42, and 48	6.79	(5.59 - 8.22)	2.22	(1.75 - 2.81)
Regions 5, 20, 26, 28, and 40	6.07	(4.96 - 7.40)	2.04	(1.62 - 2.55)
Regions 6, 12, 16, 35, 39, 41, 44, and 45	8.12	(6.91 - 9.53)	2.33	(1.85 - 2.92)
Regions 7, 13, 22, and 37	6.40	(5.45 - 7.52)	2.18	(1.77 - 2.69)
Regions 10, 14, 15, 25, 31, 36, and 46	6.76	(5.53 - 8.25)	2.33	(1.79 - 3.03)
Regions 17, 24, 27, 43, and 47	5.87	(4.75 - 7.23)	1.89	(1.49 - 2.41)
Region 18 (Philadelphia)	7.45	(6.27 - 8.83)	3.03	(2.36 - 3.89)
Regions 19 and 23	7.93	(6.46 - 9.70)	2.37	(1.84 - 3.05)
Regions 21, 30, 32, and 49	6.31	(5.28 - 7.53)	2.10	(1.66 - 2.64)
Regions 29 and 34	7.58	(6.16 - 9.29)	2.23	(1.73 - 2.87)
Regions 33 and 38	6.17	(4.98 - 7.62)	2.13	(1.66 - 2.72)
Rhode Island	8.84	(7.69 - 10.16)	3.33	(2.79 - 3.97)
Bristol and Newport	9.42	(7.45 - 11.83)	3.19	(2.41 - 4.22)
Kent	8.03	(6.35 - 10.12)	2.93	(2.20 - 3.90)
Providence	8.71	(7.35 - 10.30)	3.46	(2.82 - 4.25)
Washington	9.95	(7.92 - 12.42)	3.38	(2.60 - 4.38)
South Carolina	7.38	(6.30 - 8.64)	2.51	(2.07 - 3.04)
Region 1	7.18	(5.72 - 8.97)	2.63	(2.00 - 3.44)
Region 2	7.55	(6.21 - 9.17)	2.44	(1.89 - 3.16)
Region 3	6.86	(5.32 - 8.81)	2.39	(1.75 - 3.27)
Region 4	7.76	(6.18 - 9.70)	2.54	(1.91 - 3.36)

See notes at end of table.

(continued)

Table C9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
South Dakota	9.53	(8.36 - 10.86)	2.32	(1.89 - 2.84)
Eastern Planning Area	9.58	(8.35 - 10.97)	2.24	(1.80 - 2.78)
Region 3 (Minnehaha)	10.21	(8.47 - 12.26)	2.40	(1.79 - 3.21)
Region 4	9.77	(7.94 - 11.98)	2.15	(1.59 - 2.90)
Region 5	8.88	(7.13 - 11.01)	2.14	(1.56 - 2.92)
Region 6	8.56	(6.84 - 10.67)	1.97	(1.42 - 2.71)
Region 7	9.97	(8.03 - 12.31)	2.44	(1.82 - 3.28)
Western Planning Area	9.41	(7.92 - 11.16)	2.52	(1.97 - 3.22)
Region 1 (Pennington)	9.26	(7.50 - 11.37)	2.70	(1.96 - 3.72)
Region 2	9.52	(7.64 - 11.80)	2.40	(1.79 - 3.20)
Tennessee	6.02	(5.13 - 7.05)	2.70	(2.23 - 3.26)
Region 1	5.80	(4.46 - 7.52)	2.63	(1.92 - 3.58)
Region 2	6.02	(4.71 - 7.65)	2.71	(2.07 - 3.54)
Region 3	5.90	(4.65 - 7.46)	2.69	(2.01 - 3.60)
Region 4 (Davidson)	7.14	(5.58 - 9.09)	3.07	(2.22 - 4.23)
Region 5	5.58	(4.43 - 7.01)	2.44	(1.86 - 3.18)
Region 6	6.00	(4.62 - 7.75)	2.56	(1.91 - 3.42)
Region 7 (Shelby)	6.15	(4.78 - 7.90)	2.97	(2.14 - 4.11)
Texas	7.34	(6.77 - 7.96)	2.51	(2.24 - 2.81)
Region 1	8.41	(6.91 - 10.21)	2.84	(2.22 - 3.61)
Region 2	6.62	(5.28 - 8.27)	2.54	(1.96 - 3.28)
Region 3	6.95	(6.12 - 7.87)	2.39	(2.04 - 2.81)
Region 3a	6.86	(5.88 - 7.99)	2.43	(2.01 - 2.94)
Region 3bc	7.10	(5.94 - 8.46)	2.32	(1.84 - 2.91)
Region 4	6.17	(4.95 - 7.67)	2.35	(1.81 - 3.05)
Region 5	6.43	(5.13 - 8.03)	2.84	(2.13 - 3.78)
Region 6	7.22	(6.27 - 8.31)	2.28	(1.91 - 2.72)
Region 6a	7.26	(6.22 - 8.44)	2.26	(1.87 - 2.73)
Region 6bc	6.97	(5.64 - 8.58)	2.47	(1.91 - 3.19)
Region 7	9.36	(8.20 - 10.67)	2.90	(2.41 - 3.48)
Region 7a	9.69	(8.19 - 11.43)	2.88	(2.28 - 3.64)
Region 7bcd	8.89	(7.45 - 10.56)	2.93	(2.33 - 3.67)
Region 8	7.26	(6.06 - 8.68)	2.35	(1.86 - 2.96)
Region 9	7.15	(5.76 - 8.85)	2.71	(2.07 - 3.53)
Region 10	7.59	(6.16 - 9.33)	2.87	(2.19 - 3.76)
Region 11	7.02	(5.99 - 8.22)	2.81	(2.27 - 3.48)
Region 11abd	7.19	(5.92 - 8.71)	2.72	(2.10 - 3.52)
Region 11c (Hidalgo)	6.68	(5.43 - 8.21)	3.00	(2.28 - 3.94)

See notes at end of table.

(continued)

Table C9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Utah	6.17	(5.23 - 7.27)	2.72	(2.24 - 3.30)
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.30	(4.89 - 8.09)	2.88	(2.11 - 3.93)
Central, Four Corners, San Juan, and Southwest	5.07	(3.87 - 6.61)	2.38	(1.74 - 3.25)
Davis County	5.95	(4.59 - 7.69)	2.57	(1.92 - 3.44)
Salt Lake County	6.65	(5.41 - 8.15)	2.79	(2.15 - 3.61)
Utah County	6.03	(4.73 - 7.65)	2.67	(2.03 - 3.51)
Weber, Morgan	5.85	(4.46 - 7.65)	2.88	(2.10 - 3.95)
Vermont	7.53	(6.54 - 8.65)	3.13	(2.66 - 3.68)
Champlain Valley	8.33	(6.99 - 9.89)	3.48	(2.82 - 4.27)
Rural Northeast	7.27	(5.88 - 8.96)	3.10	(2.43 - 3.93)
Rural Southeast	6.72	(5.30 - 8.50)	2.78	(2.14 - 3.60)
Rural Southwest	7.07	(5.55 - 8.96)	2.84	(2.18 - 3.69)
Virginia	7.02	(6.02 - 8.17)	2.54	(2.11 - 3.05)
Region 1	7.36	(5.84 - 9.23)	2.61	(1.98 - 3.44)
Region 2	8.17	(6.50 - 10.22)	2.35	(1.76 - 3.13)
Region 3	7.05	(5.62 - 8.81)	2.57	(1.95 - 3.37)
Region 4	6.22	(4.88 - 7.89)	2.64	(2.01 - 3.48)
Region 5	6.10	(4.78 - 7.76)	2.60	(1.97 - 3.41)
Washington	7.29	(6.29 - 8.44)	3.10	(2.60 - 3.69)
Region 1	7.20	(5.76 - 8.96)	3.33	(2.54 - 4.34)
Region 2	7.05	(5.47 - 9.03)	3.27	(2.43 - 4.39)
Region 3	7.13	(5.68 - 8.93)	3.01	(2.31 - 3.92)
Region 4 (King)	7.63	(6.18 - 9.38)	3.06	(2.36 - 3.94)
Region 5	7.30	(5.84 - 9.10)	3.01	(2.29 - 3.94)
Region 6	7.04	(5.63 - 8.77)	3.06	(2.31 - 4.06)
West Virginia	6.53	(5.61 - 7.59)	2.60	(2.18 - 3.09)
Eastern Highland	6.00	(4.77 - 7.53)	2.35	(1.78 - 3.09)
Northern	7.24	(6.03 - 8.67)	2.78	(2.23 - 3.45)
Northern A and B	6.33	(4.86 - 8.20)	2.24	(1.69 - 2.97)
Northern C and D	7.71	(6.29 - 9.41)	3.06	(2.37 - 3.93)
South Central	6.33	(5.27 - 7.59)	2.45	(1.97 - 3.04)
South Central I	6.00	(4.60 - 7.79)	2.31	(1.71 - 3.10)
South Central II	6.48	(5.06 - 8.26)	2.71	(2.04 - 3.61)
South Central III	6.43	(5.06 - 8.14)	2.35	(1.77 - 3.12)
Southern	6.53	(5.25 - 8.11)	2.91	(2.27 - 3.73)
Southern I and III	6.69	(5.17 - 8.62)	2.92	(2.15 - 3.94)
Southern II	6.22	(4.75 - 8.12)	2.89	(2.14 - 3.90)

See notes at end of table.

(continued)

Table C9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Wisconsin	9.92	(8.65 - 11.34)	2.52	(2.10 - 3.01)
Milwaukee	11.04	(8.94 - 13.55)	2.67	(1.97 - 3.61)
Northeastern	9.64	(7.88 - 11.73)	2.36	(1.81 - 3.05)
Northern	9.17	(7.32 - 11.43)	2.21	(1.64 - 2.97)
Southeastern	9.20	(7.40 - 11.37)	2.39	(1.84 - 3.12)
Southern	10.51	(8.56 - 12.84)	2.87	(2.23 - 3.69)
Western	9.74	(7.90 - 11.94)	2.51	(1.94 - 3.26)
Wyoming	9.16	(8.00 - 10.47)	2.60	(2.16 - 3.12)
Judicial District 1 (Laramie)	8.44	(6.73 - 10.53)	2.86	(2.14 - 3.80)
Judicial District 2	13.73	(11.49 - 16.34)	3.22	(2.47 - 4.18)
Judicial District 3	8.78	(7.07 - 10.85)	2.48	(1.89 - 3.26)
Judicial District 4	8.16	(6.40 - 10.35)	2.28	(1.70 - 3.06)
Judicial District 5	7.68	(5.95 - 9.85)	2.12	(1.58 - 2.84)
Judicial District 6	8.95	(7.20 - 11.08)	2.58	(1.94 - 3.42)
Judicial District 7 (Natrona)	9.27	(7.40 - 11.56)	2.86	(2.13 - 3.82)
Judicial District 8	7.81	(6.07 - 9.98)	2.12	(1.55 - 2.90)
Judicial District 9	9.51	(7.56 - 11.90)	2.46	(1.80 - 3.34)

NOTE: For Substate Region definitions, see Section D.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

¹ Needing But Not Receiving Treatment refers to respondents classified as needing treatment for alcohol, but not receiving treatment for an alcohol problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers).

² Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs, but not receiving treatment for an illicit drug problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers). Illicit Drugs include marijuana/hashish, cocaine (including crack), inhalants, hallucinogens, heroin, or prescription-type psychotherapeutic (nonmedical use).

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
National	9.20	
Alabama	9.22	(7.86 - 10.80)
Region 1	9.89	(7.69 - 12.64)
Region 2	9.38	(7.39 - 11.84)
Region 3	8.69	(6.73 - 11.15)
Region 4	8.56	(6.73 - 10.84)
Alaska	8.14	(6.78 - 9.74)
Gulf Coast	8.28	(6.09 - 11.15)
Rural	7.36	(5.44 - 9.89)
Southeast	8.48	(6.28 - 11.35)
Urban	8.17	(6.58 - 10.10)
Arizona	10.23	(8.73 - 11.96)
Maricopa	10.74	(8.88 - 12.94)
Pima	10.49	(8.13 - 13.44)
Rural North	8.75	(6.56 - 11.58)
Rural South	8.76	(6.50 - 11.71)
Arkansas	10.20	(8.80 - 11.81)
Areas 1 and 5	10.81	(8.51 - 13.65)
Areas 2 and 3	10.20	(7.63 - 13.50)
Areas 4 and 7	10.52	(8.18 - 13.42)
Area 6	10.36	(7.83 - 13.59)
Areas 8 and 12	9.09	(6.90 - 11.89)
Area 9	10.40	(8.22 - 13.08)
Areas 10, 11, and 13	9.34	(7.12 - 12.15)
California	8.53	(7.74 - 9.40)
Region 1	9.26	(7.09 - 12.00)
Region 2	9.21	(7.37 - 11.45)
Region 3	9.23	(7.27 - 11.66)
Region 4	8.85	(6.89 - 11.31)
Region 5	8.96	(7.09 - 11.26)
Region 6 (Santa Clara)	8.70	(6.89 - 10.94)
Region 7	9.36	(7.16 - 12.14)
Region 8	9.44	(7.41 - 11.95)
Region 9	10.38	(7.87 - 13.57)
Region 10	9.46	(7.28 - 12.20)
Region 11 (Los Angeles)	7.46	(6.24 - 8.91)
Region 12	8.75	(6.94 - 10.98)
Region 13 (Riverside)	8.58	(6.61 - 11.08)
Region 14 (Orange)	8.21	(6.57 - 10.21)
Region 15	8.68	(6.98 - 10.73)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
Colorado	9.18	(7.84 - 10.73)
Region 1	8.66	(6.75 - 11.04)
Regions 2 and 7	9.20	(7.47 - 11.27)
Region 3	9.00	(6.91 - 11.65)
Region 4	10.22	(7.53 - 13.72)
Regions 5 and 6	9.37	(7.03 - 12.38)
Connecticut	8.73	(7.38 - 10.29)
Eastern	9.50	(7.23 - 12.39)
North Central	9.24	(7.23 - 11.74)
Northwestern	9.24	(7.12 - 11.91)
South Central	8.00	(6.16 - 10.33)
Southwest	7.96	(5.96 - 10.56)
Delaware	9.54	(8.15 - 11.13)
Kent	11.84	(9.02 - 15.39)
New Castle (excluding Wilmington city)	8.95	(7.34 - 10.86)
Sussex	9.33	(7.10 - 12.17)
Wilmington City	9.55	(7.14 - 12.68)
District of Columbia	9.43	(8.07 - 11.00)
Ward 1	10.30	(7.94 - 13.28)
Ward 2	11.43	(9.00 - 14.41)
Ward 3	10.51	(8.15 - 13.45)
Ward 4	7.60	(5.66 - 10.12)
Ward 5	7.93	(5.95 - 10.49)
Ward 6	9.80	(7.32 - 13.01)
Ward 7	8.24	(6.23 - 10.82)
Ward 8	8.97	(6.89 - 11.61)
Florida	8.79	(8.02 - 9.64)
District 1	10.48	(8.15 - 13.39)
District 2	10.00	(7.96 - 12.50)
District 3	9.79	(7.60 - 12.52)
District 4	9.25	(7.45 - 11.44)
District 7	8.53	(6.97 - 10.39)
District 8	7.51	(5.74 - 9.77)
District 9 (Palm Beach)	8.46	(6.58 - 10.82)
District 10 (Broward)	9.42	(7.58 - 11.65)
District 11	7.67	(6.27 - 9.35)
District 12	8.50	(6.48 - 11.08)
District 13	8.70	(6.61 - 11.36)
District 14	8.45	(6.52 - 10.89)
District 15	9.55	(7.17 - 12.62)
Suncoast	9.14	(7.62 - 10.93)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
Georgia	10.26	(8.80 - 11.94)
Region 1	11.03	(8.50 - 14.20)
Region 2	11.19	(8.70 - 14.28)
Region 3	9.92	(7.98 - 12.26)
Region 4	9.76	(7.42 - 12.75)
Region 5	9.96	(7.60 - 12.95)
Hawaii	7.54	(6.27 - 9.05)
Hawaii Island	8.23	(6.13 - 10.97)
Honolulu	7.31	(5.89 - 9.04)
Kauai and Maui	8.08	(6.09 - 10.65)
Idaho	10.30	(8.95 - 11.84)
Region 1	9.89	(7.66 - 12.69)
Region 2	9.97	(7.62 - 12.95)
Region 3	10.40	(8.25 - 13.03)
Region 4	10.71	(8.53 - 13.37)
Region 5	9.85	(7.63 - 12.63)
Region 6	10.36	(8.08 - 13.18)
Region 7	10.37	(8.17 - 13.08)
Illinois	8.40	(7.60 - 9.28)
Region I (Cook)	8.26	(7.11 - 9.58)
Region II	8.55	(7.29 - 10.01)
Region III	9.74	(8.02 - 11.78)
Region IV	7.37	(5.84 - 9.26)
Region V	7.77	(6.20 - 9.68)
Indiana	9.85	(8.50 - 11.39)
Central	9.41	(7.33 - 12.01)
East	9.94	(7.56 - 12.96)
North Central	10.59	(8.17 - 13.60)
Northeast	9.37	(7.21 - 12.10)
Northwest	8.88	(6.76 - 11.59)
Southeast	10.03	(7.65 - 13.06)
Southwest	10.50	(7.98 - 13.68)
West	10.54	(8.24 - 13.39)
Iowa	8.81	(7.53 - 10.30)
Central	9.99	(7.66 - 12.93)
North Central	8.32	(6.48 - 10.62)
Northeast	8.90	(6.98 - 11.29)
Northwest	7.96	(6.08 - 10.36)
Southeast	8.73	(6.80 - 11.14)
Southwest	8.78	(6.68 - 11.45)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
Kansas	9.25	(7.96 - 10.73)
Kansas City Metro	9.26	(7.41 - 11.51)
Northeast	9.75	(7.57 - 12.48)
South Central	8.84	(6.77 - 11.47)
Southeast	9.55	(7.20 - 12.56)
West	8.20	(6.19 - 10.79)
Wichita (Sedgwick)	9.61	(7.52 - 12.20)
Kentucky	11.16	(9.65 - 12.87)
Adanta, Cumberland River, and Lifeskills	11.40	(8.95 - 14.42)
Bluegrass, Comprehend, and North Key	10.11	(8.05 - 12.62)
Communicare and River Valley	11.09	(8.50 - 14.34)
Four Rivers and Pennyroyal	10.99	(8.35 - 14.34)
Kentucky River, Mountain, and Pathways	12.61	(9.67 - 16.30)
Seven Counties	11.66	(9.12 - 14.78)
Louisiana	9.03	(7.83 - 10.39)
Region 1	8.83	(6.77 - 11.43)
Regions 2 and 9	8.66	(6.90 - 10.83)
Region 3	10.07	(7.77 - 12.95)
Region 4	8.45	(6.53 - 10.87)
Regions 5 and 6	8.57	(6.60 - 11.04)
Regions 7 and 8	9.31	(7.38 - 11.67)
Region 10 (Jefferson)	10.00	(7.56 - 13.11)
Maine	9.97	(8.55 - 11.60)
Planning Region 1	9.57	(7.79 - 11.70)
Region 1 (Cumberland)	9.20	(7.13 - 11.80)
Region 2 (York)	10.09	(7.70 - 13.13)
Planning Region 2	10.08	(8.37 - 12.08)
Region 3	10.98	(8.52 - 14.04)
Region 4	9.37	(7.11 - 12.26)
Region 5	9.38	(7.12 - 12.27)
Planning Region 3	10.40	(8.40 - 12.79)
Region 6 (Penobscot)	11.55	(8.92 - 14.83)
Region 7	9.44	(7.11 - 12.45)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
Maryland	8.30	(7.01 - 9.80)
Anne Arundel	8.10	(6.07 - 10.73)
Baltimore City	8.40	(6.34 - 11.07)
Central	8.37	(6.36 - 10.95)
Montgomery	7.58	(5.67 - 10.07)
Prince George's	8.59	(6.58 - 11.14)
Rural	8.22	(6.23 - 10.78)
Western	8.97	(6.76 - 11.82)
Massachusetts	8.66	(7.37 - 10.15)
Boston	9.89	(7.67 - 12.65)
Central	8.49	(6.43 - 11.12)
Metrowest	8.47	(6.57 - 10.85)
Northeast	8.78	(6.78 - 11.31)
Southeast	8.48	(6.58 - 10.88)
Western	8.08	(6.18 - 10.51)
Michigan	8.86	(8.05 - 9.74)
Bay	8.66	(6.66 - 11.18)
Detroit City	9.27	(7.37 - 11.60)
Genesee	8.95	(7.06 - 11.29)
Kalamazoo	9.38	(7.49 - 11.69)
Kent	9.15	(7.27 - 11.45)
Lakeshore	8.33	(6.73 - 10.26)
Macomb	8.99	(7.29 - 11.05)
Mid South	8.21	(6.64 - 10.11)
Northern	10.36	(8.21 - 13.00)
Oakland	8.11	(6.52 - 10.05)
Pathways	9.09	(6.91 - 11.85)
Saginaw	8.05	(6.19 - 10.39)
Southeast	9.07	(7.45 - 11.00)
St. Clair	8.62	(6.63 - 11.15)
Washtenaw	8.46	(6.74 - 10.57)
Western	8.14	(6.18 - 10.65)
Minnesota	8.64	(7.41 - 10.06)
Regions 1 and 2	8.84	(6.64 - 11.66)
Regions 3 and 4	8.35	(6.48 - 10.70)
Regions 5 and 6	8.17	(6.32 - 10.50)
Region 7A (Hennepin)	8.79	(6.83 - 11.24)
Region 7B (Ramsey)	10.09	(7.61 - 13.26)
Region 7C	8.32	(6.50 - 10.60)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
Mississippi	8.93	(7.66 - 10.38)
Region 1	9.28	(7.22 - 11.85)
Region 2	8.22	(6.37 - 10.55)
Region 3	8.98	(7.00 - 11.47)
Region 4	8.45	(6.49 - 10.94)
Region 5	9.04	(6.75 - 12.02)
Region 6	9.17	(7.01 - 11.91)
Region 7	9.36	(7.21 - 12.07)
Missouri	10.99	(9.51 - 12.66)
Central	11.27	(8.85 - 14.26)
Eastern	10.80	(8.95 - 12.99)
Eastern (St. Louis City and County)	10.46	(8.29 - 13.12)
Eastern (excluding St. Louis)	11.52	(8.87 - 14.82)
Northwest	10.22	(8.31 - 12.51)
Northwest (Jackson)	10.63	(8.27 - 13.57)
Northwest (excluding Jackson)	9.85	(7.45 - 12.92)
Southeast	12.01	(9.15 - 15.61)
Southwest	11.56	(8.98 - 14.76)
Montana	9.32	(7.98 - 10.86)
Region 1	8.53	(6.37 - 11.34)
Region 2	9.71	(7.47 - 12.52)
Region 3	8.98	(6.94 - 11.54)
Region 4	9.42	(7.46 - 11.83)
Region 5	9.50	(7.49 - 11.98)
Nebraska	8.01	(6.77 - 9.47)
Regions 1 and 2	7.98	(5.99 - 10.57)
Region 3	7.85	(5.96 - 10.29)
Region 4	7.79	(5.82 - 10.35)
Region 5	7.94	(6.24 - 10.06)
Region 6	8.20	(6.55 - 10.21)
Nevada	10.22	(8.60 - 12.11)
Clark	10.47	(8.54 - 12.76)
Rural	9.53	(7.24 - 12.43)
Washoe	9.72	(7.49 - 12.54)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
New Hampshire	9.23	(7.90 - 10.76)
Central	9.17	(7.44 - 11.25)
Central 1	9.86	(7.64 - 12.63)
Central 2	8.50	(6.42 - 11.17)
Northern	9.02	(6.89 - 11.72)
Southern	9.30	(7.75 - 11.13)
Southern 1 (Rockingham)	8.64	(6.68 - 11.10)
Southern 2	9.71	(7.81 - 12.01)
New Jersey	8.40	(7.07 - 9.96)
Central	7.98	(6.11 - 10.36)
Metropolitan	8.90	(6.82 - 11.53)
Northern	8.35	(6.40 - 10.83)
Southern	8.35	(6.40 - 10.83)
New Mexico	9.90	(8.36 - 11.69)
Region 1	9.15	(6.87 - 12.08)
Region 2	9.75	(7.29 - 12.92)
Region 3 (Bernalillo)	10.35	(8.15 - 13.06)
Region 4	10.14	(7.65 - 13.33)
Region 5	9.89	(7.60 - 12.78)
New York	9.27	(8.44 - 10.17)
Region A	9.71	(8.58 - 10.97)
Region 1	9.50	(7.46 - 12.03)
Region 2	10.80	(8.87 - 13.08)
Region 3	9.39	(7.45 - 11.77)
Region 4	8.70	(7.02 - 10.72)
Region B	8.33	(7.09 - 9.77)
Region 5	7.85	(6.37 - 9.64)
Region 6	9.36	(7.40 - 11.77)
Region C	9.29	(8.23 - 10.48)
Region 7	8.84	(6.88 - 11.30)
Region 8	9.92	(7.84 - 12.46)
Region 9	9.03	(7.18 - 11.30)
Region 10	9.85	(7.84 - 12.32)
Region 11	9.13	(7.30 - 11.37)
Region 12	9.23	(7.35 - 11.53)
Region D	9.34	(8.00 - 10.89)
Region 13	9.45	(7.36 - 12.05)
Region 14	9.62	(7.54 - 12.20)
Region 15	8.99	(7.07 - 11.35)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
North Carolina	9.75	(8.25 - 11.49)
Eastern	9.00	(6.99 - 11.52)
North Central	9.53	(7.32 - 12.31)
South Central	10.06	(7.75 - 12.96)
Western	10.11	(7.93 - 12.79)
North Dakota	9.29	(7.97 - 10.80)
Badlands and West Central Lake Region and South Central	8.75	(6.81 - 11.17)
North Central and Northwest	8.48	(6.47 - 11.04)
Northeast	8.52	(6.56 - 11.00)
Southeast	9.87	(7.74 - 12.49)
Ohio	10.51	(8.38 - 13.10)
Boards 2, 46, 55, and 68	9.91	(9.09 - 10.79)
Boards 3, 52, and 85	9.15	(7.21 - 11.55)
Boards 4 and 78	9.57	(7.49 - 12.14)
Boards 5 and 60	9.16	(7.14 - 11.68)
Boards 7, 15, 41, 79, and 84	11.03	(8.66 - 13.94)
Boards 8, 13, and 83	10.21	(8.00 - 12.95)
Board 9 (Butler)	10.17	(8.04 - 12.78)
Board 12	9.64	(7.57 - 12.19)
Boards 18 and 47	9.91	(7.78 - 12.56)
Boards 20, 32, 54, and 69	8.89	(7.35 - 10.73)
Boards 21, 39, 51, 70, and 80	9.07	(7.00 - 11.67)
Boards 22, 74, and 87	9.34	(7.34 - 11.81)
Boards 23 and 45	9.83	(7.72 - 12.45)
Board 25 (Franklin)	9.78	(7.68 - 12.39)
Boards 27, 71, and 73	10.65	(8.80 - 12.83)
Boards 28, 43, and 67	11.57	(9.08 - 14.64)
Board 31 (Hamilton)	9.24	(7.38 - 11.50)
Board 48 (Lucas)	10.25	(8.21 - 12.73)
Board 50 and 76	9.90	(7.76 - 12.54)
Board 57 (Montgomery)	9.55	(7.50 - 12.08)
Board 77 (Summit)	10.84	(8.57 - 13.63)
Oklahoma	11.15	(8.79 - 14.05)
Central	11.02	(9.44 - 12.83)
East Central	11.30	(8.65 - 14.63)
Northeast	11.91	(8.91 - 15.75)
Northwest and Southwest	10.42	(8.11 - 13.29)
Oklahoma County	10.38	(7.89 - 13.55)
Southeast	10.43	(8.13 - 13.30)
Tulsa County	10.89	(8.27 - 14.23)
	12.08	(9.38 - 15.41)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
Oregon	10.04	(8.61 - 11.68)
Region 1 (Multnomah)	12.58	(9.90 - 15.86)
Region 2	9.66	(7.56 - 12.27)
Region 3	9.43	(7.40 - 11.94)
Region 4	8.73	(6.54 - 11.57)
Region 5	9.75	(7.40 - 12.75)
Pennsylvania	8.19	(7.46 - 8.99)
Region 1 (Allegheny)	8.03	(6.43 - 9.99)
Regions 2, 3, 8, and 9	8.30	(6.57 - 10.44)
Regions 4, 11, 42, and 48	8.38	(6.64 - 10.53)
Regions 5, 20, 26, 28, and 40	9.34	(7.35 - 11.80)
Regions 6, 12, 16, 35, 39, 41, 44, and 45	8.54	(6.89 - 10.53)
Regions 7, 13, 22, and 37	7.12	(5.87 - 8.61)
Regions 10, 14, 15, 25, 31, 36, and 46	9.44	(7.46 - 11.88)
Regions 17, 24, 27, 43, and 47	7.51	(6.02 - 9.33)
Region 18 (Philadelphia)	8.64	(7.03 - 10.58)
Regions 19 and 23	9.40	(7.21 - 12.17)
Regions 21, 30, 32, and 49	8.62	(7.02 - 10.55)
Regions 29 and 34	7.93	(6.17 - 10.15)
Regions 33 and 38	7.80	(6.03 - 10.03)
Rhode Island	12.53	(10.66 - 14.68)
Bristol and Newport	10.37	(7.94 - 13.44)
Kent	11.62	(9.00 - 14.88)
Providence	13.41	(10.98 - 16.28)
Washington	11.78	(8.99 - 15.30)
South Carolina	9.41	(8.02 - 11.01)
Region 1	9.83	(7.73 - 12.44)
Region 2	9.49	(7.61 - 11.79)
Region 3	8.69	(6.64 - 11.32)
Region 4	9.36	(7.18 - 12.10)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
South Dakota	8.31	(7.04 - 9.77)
Eastern Planning Area	8.25	(6.93 - 9.78)
Region 3 (Minnehaha)	9.08	(7.13 - 11.49)
Region 4	8.19	(6.23 - 10.69)
Region 5	7.33	(5.49 - 9.72)
Region 6	7.83	(5.90 - 10.32)
Region 7	8.21	(6.30 - 10.64)
Western Planning Area	8.45	(6.76 - 10.51)
Region 1 (Pennington)	8.71	(6.66 - 11.31)
Region 2	8.27	(6.28 - 10.81)
Tennessee	9.61	(8.26 - 11.15)
Region 1	9.87	(7.44 - 12.98)
Region 2	11.12	(8.71 - 14.08)
Region 3	8.68	(6.72 - 11.14)
Region 4 (Davidson)	10.43	(8.05 - 13.42)
Region 5	8.90	(6.90 - 11.40)
Region 6	10.26	(7.74 - 13.48)
Region 7 (Shelby)	8.56	(6.57 - 11.09)
Texas	8.96	(8.19 - 9.80)
Region 1	8.70	(6.84 - 11.01)
Region 2	8.91	(6.94 - 11.37)
Region 3	9.21	(8.03 - 10.54)
Region 3a	8.59	(7.21 - 10.20)
Region 3bc	10.30	(8.38 - 12.59)
Region 4	9.18	(7.18 - 11.66)
Region 5	8.78	(6.77 - 11.30)
Region 6	8.43	(7.21 - 9.82)
Region 6a	8.47	(7.15 - 10.00)
Region 6bc	8.09	(6.22 - 10.48)
Region 7	9.32	(7.94 - 10.92)
Region 7a	9.00	(7.28 - 11.08)
Region 7bcd	9.82	(7.88 - 12.17)
Region 8	9.37	(7.47 - 11.68)
Region 9	8.74	(6.66 - 11.39)
Region 10	8.33	(6.33 - 10.87)
Region 11	9.05	(7.38 - 11.05)
Region 11abd	8.92	(6.92 - 11.42)
Region 11c (Hidalgo)	9.31	(7.11 - 12.09)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
Utah	11.83	(10.36 - 13.47)
Bear River, Northeastern, Summit, Tooele, and Wasatch	11.15	(8.82 - 14.00)
Central, Four Corners, San Juan, and Southwest	11.27	(8.82 - 14.30)
Davis County	11.38	(8.93 - 14.39)
Salt Lake County	12.48	(10.36 - 14.96)
Utah County	11.55	(9.46 - 14.02)
Weber, Morgan	11.50	(8.95 - 14.68)
Vermont	8.75	(7.46 - 10.24)
Champlain Valley	8.80	(7.06 - 10.92)
Rural Northeast	9.20	(7.17 - 11.72)
Rural Southeast	7.87	(6.00 - 10.25)
Rural Southwest	9.15	(7.04 - 11.82)
Virginia	8.39	(7.10 - 9.89)
Region 1	8.59	(6.51 - 11.24)
Region 2	8.04	(6.21 - 10.34)
Region 3	9.22	(7.07 - 11.93)
Region 4	8.33	(6.32 - 10.91)
Region 5	8.03	(6.18 - 10.37)
Washington	10.96	(9.46 - 12.67)
Region 1	9.98	(7.59 - 13.01)
Region 2	10.35	(7.81 - 13.58)
Region 3	10.95	(8.44 - 14.09)
Region 4 (King)	11.33	(9.12 - 14.00)
Region 5	10.93	(8.51 - 13.93)
Region 6	11.42	(8.77 - 14.75)
West Virginia	12.25	(10.50 - 14.25)
Eastern Highland	11.07	(8.59 - 14.16)
Northern	11.71	(9.59 - 14.24)
Northern A and B	11.49	(8.67 - 15.06)
Northern C and D	11.83	(9.35 - 14.85)
South Central	12.59	(10.38 - 15.19)
South Central I	11.15	(8.32 - 14.81)
South Central II	12.57	(9.56 - 16.36)
South Central III	13.46	(10.42 - 17.21)
Southern	13.66	(10.82 - 17.09)
Southern I and III	13.69	(10.34 - 17.91)
Southern II	13.58	(10.15 - 17.95)

See notes at end of table.

(continued)

Table C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
Wisconsin	8.58	(7.35 - 10.01)
Milwaukee	9.24	(7.13 - 11.90)
Northeastern	8.43	(6.56 - 10.77)
Northern	8.33	(6.27 - 10.98)
Southeastern	8.16	(6.27 - 10.55)
Southern	8.79	(6.86 - 11.20)
Western	8.53	(6.53 - 11.06)
Wyoming	10.34	(8.94 - 11.92)
Judicial District 1 (Laramie)	9.85	(7.69 - 12.54)
Judicial District 2	11.77	(9.35 - 14.71)
Judicial District 3	10.89	(8.55 - 13.77)
Judicial District 4	9.96	(7.43 - 13.23)
Judicial District 5	8.64	(6.53 - 11.35)
Judicial District 6	10.55	(8.08 - 13.66)
Judicial District 7 (Natrona)	10.53	(8.17 - 13.48)
Judicial District 8	10.16	(7.56 - 13.54)
Judicial District 9	10.60	(8.11 - 13.73)

NOTE: For Substate Region definitions, see Section D.

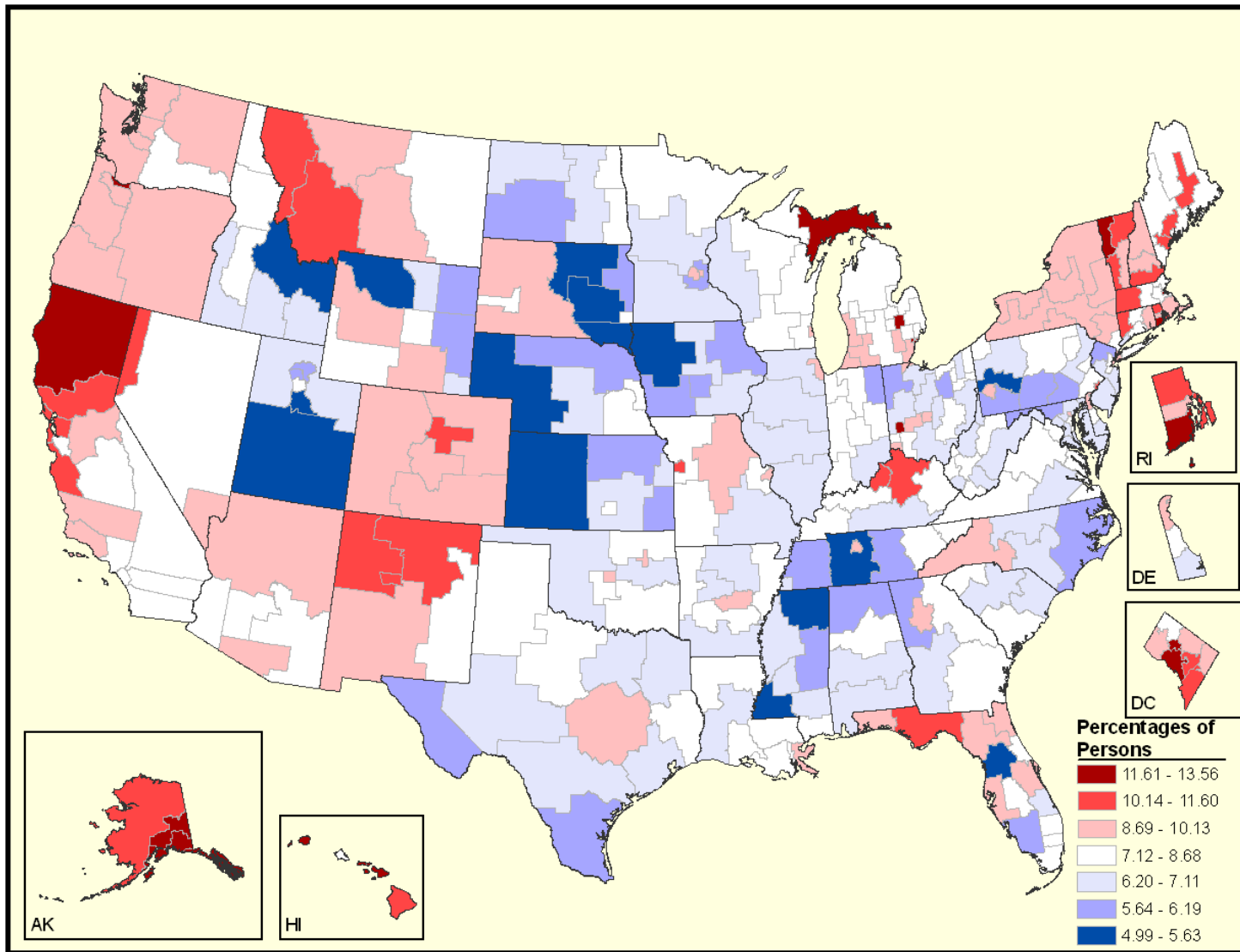
NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

NOTE: Serious Psychological Distress (SPD) was referred to as Serious Mental Illness (SMI) in prior NSDUH reports.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C1.1 Any Illicit Drug Use in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

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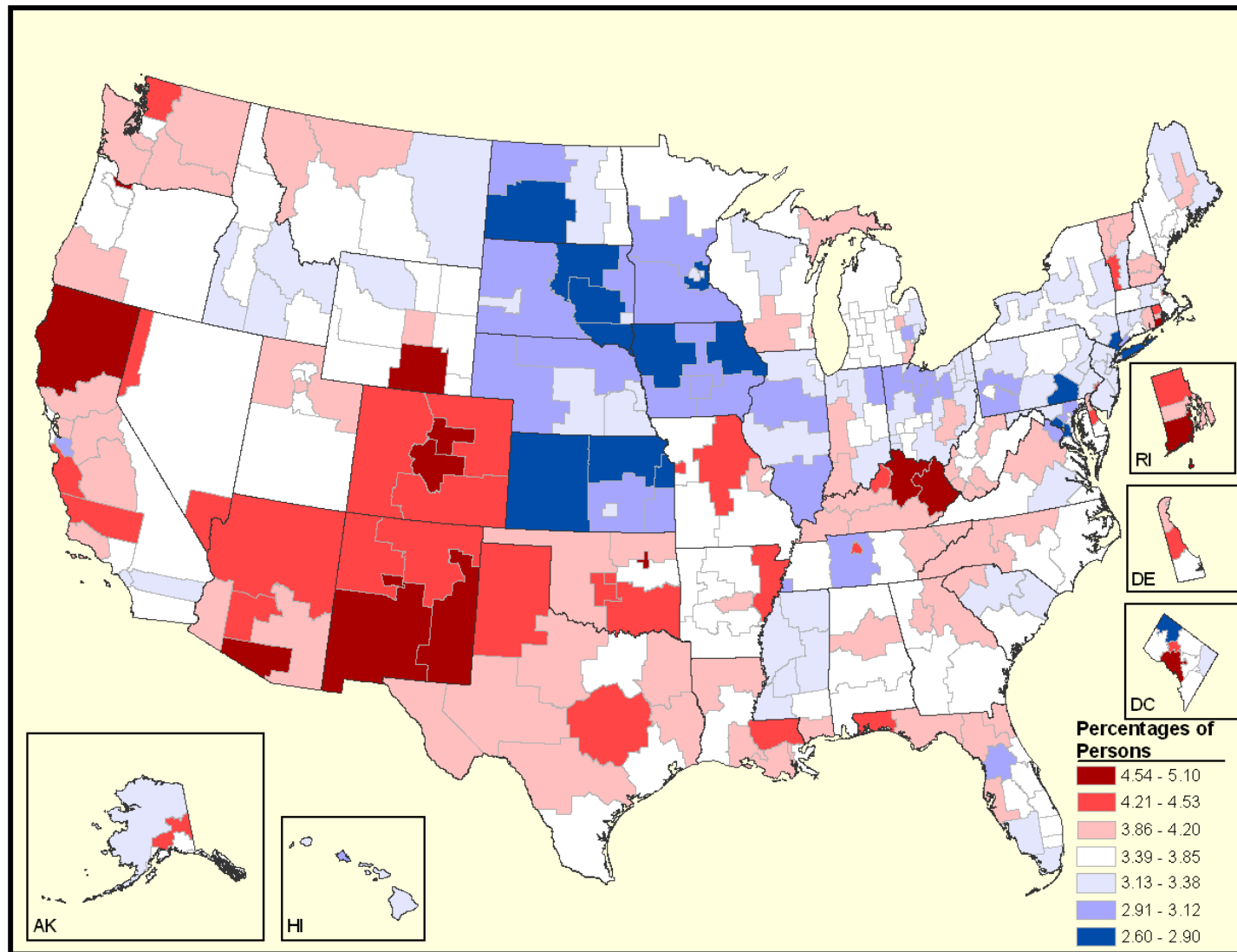


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C1.2 Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

C-123

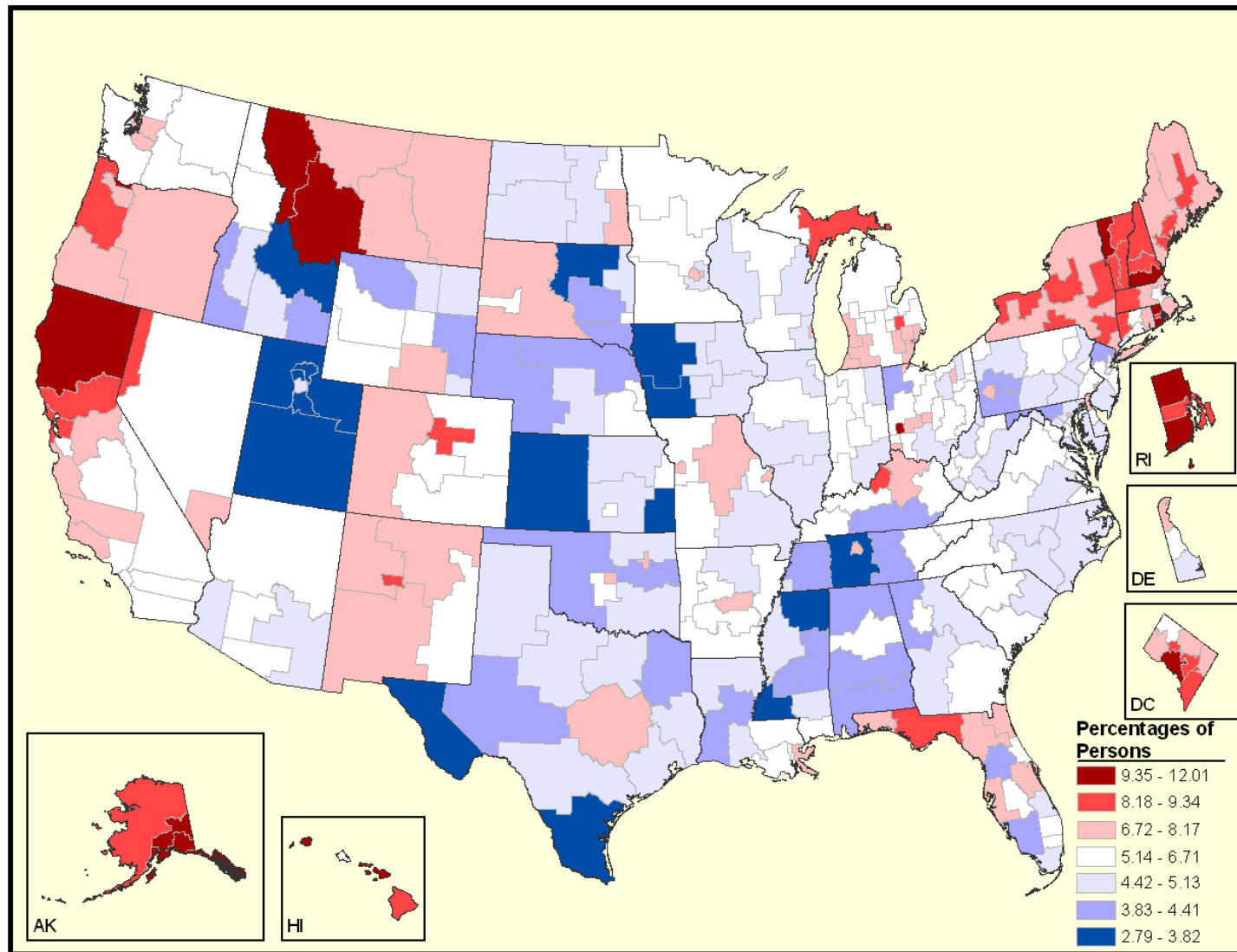


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C2.1 *Marijuana Use in Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

C-124

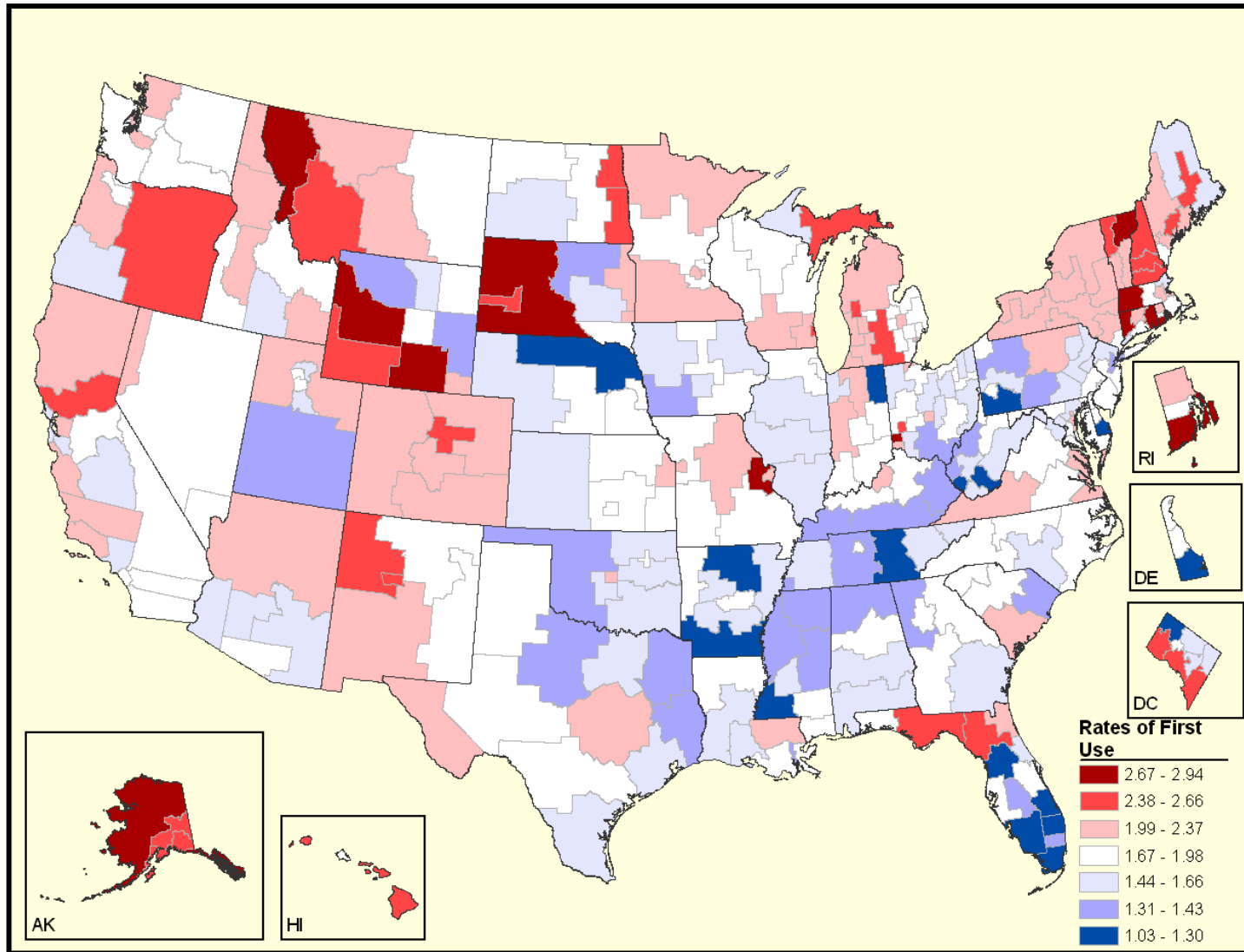


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C2.2 *First Use of Marijuana among Persons Aged 12 or Older, by Substate Region: Average Annual Rates Based on 2002, 2003, and 2004 NSDUHs*

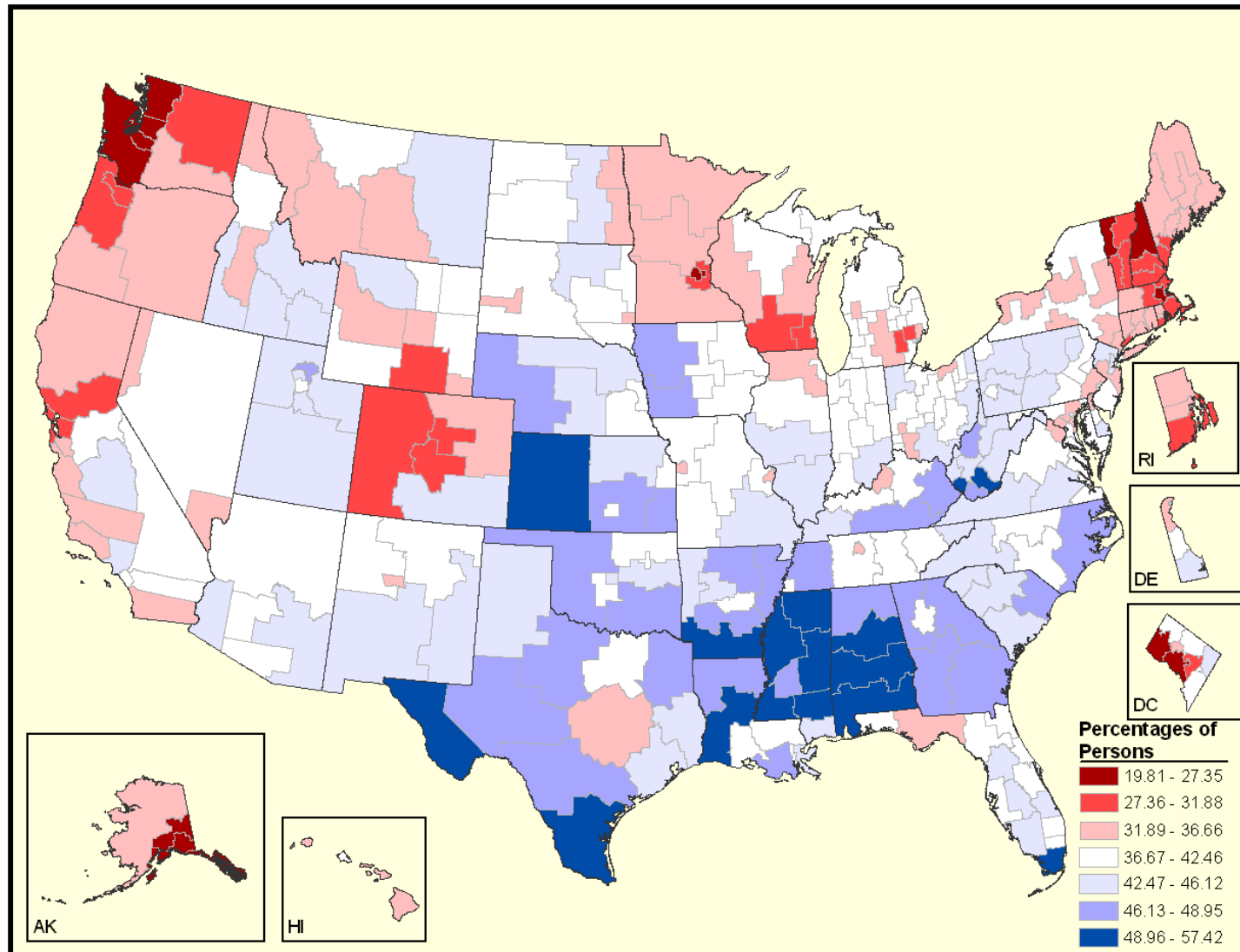
C-125



NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C2.3 *Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

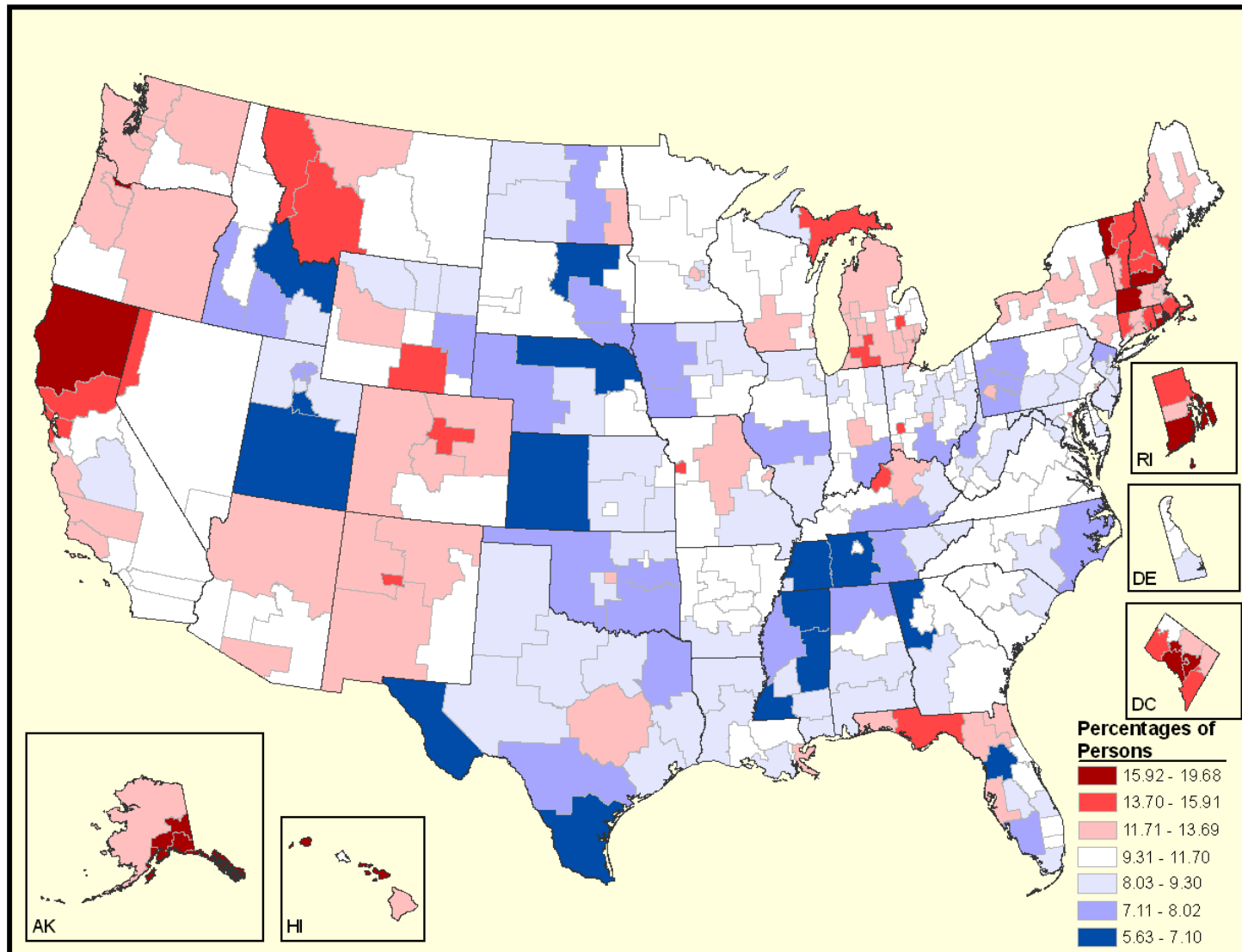


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C3.1 *Marijuana Use in Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

C-127

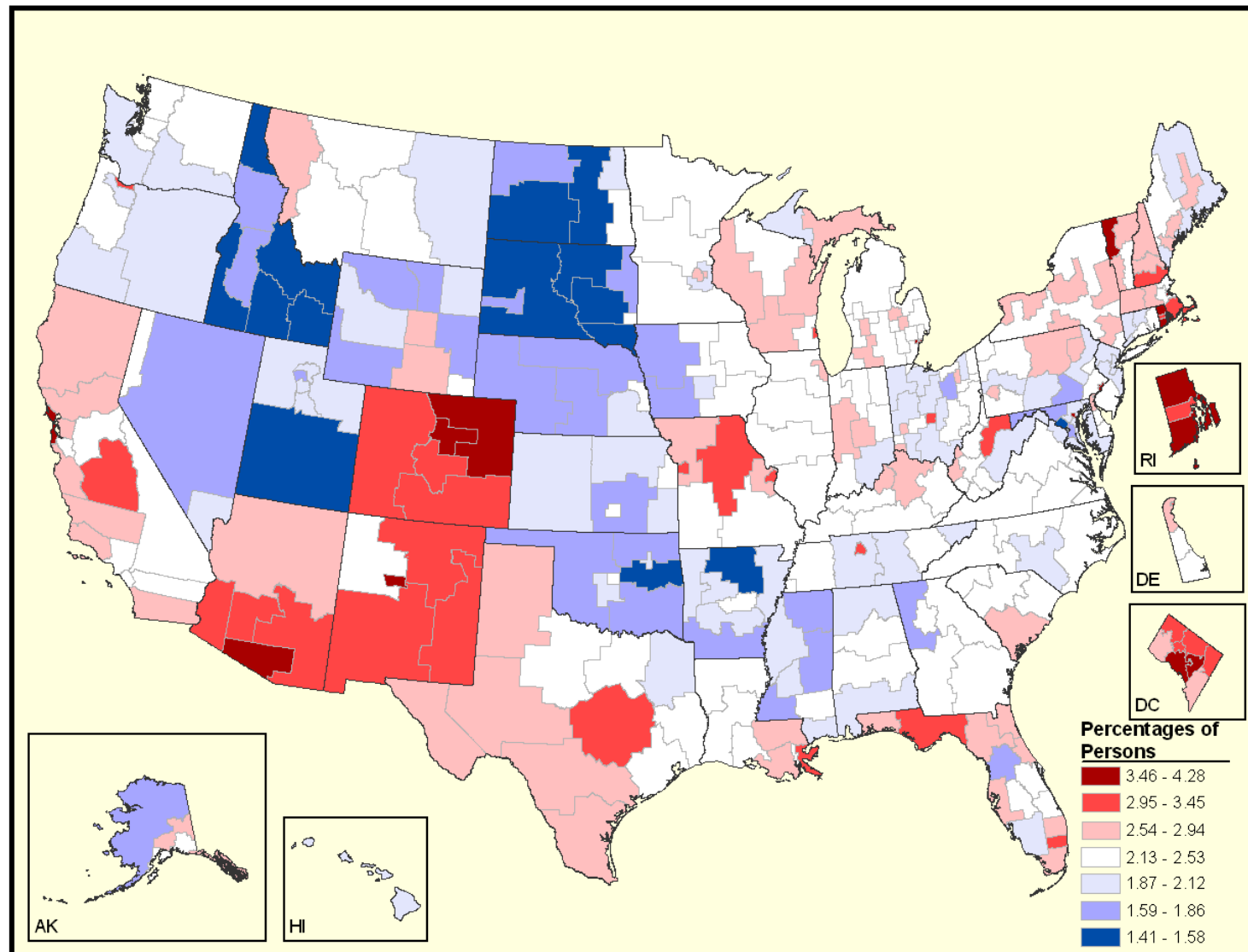


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C3.2 Cocaine Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

C-128

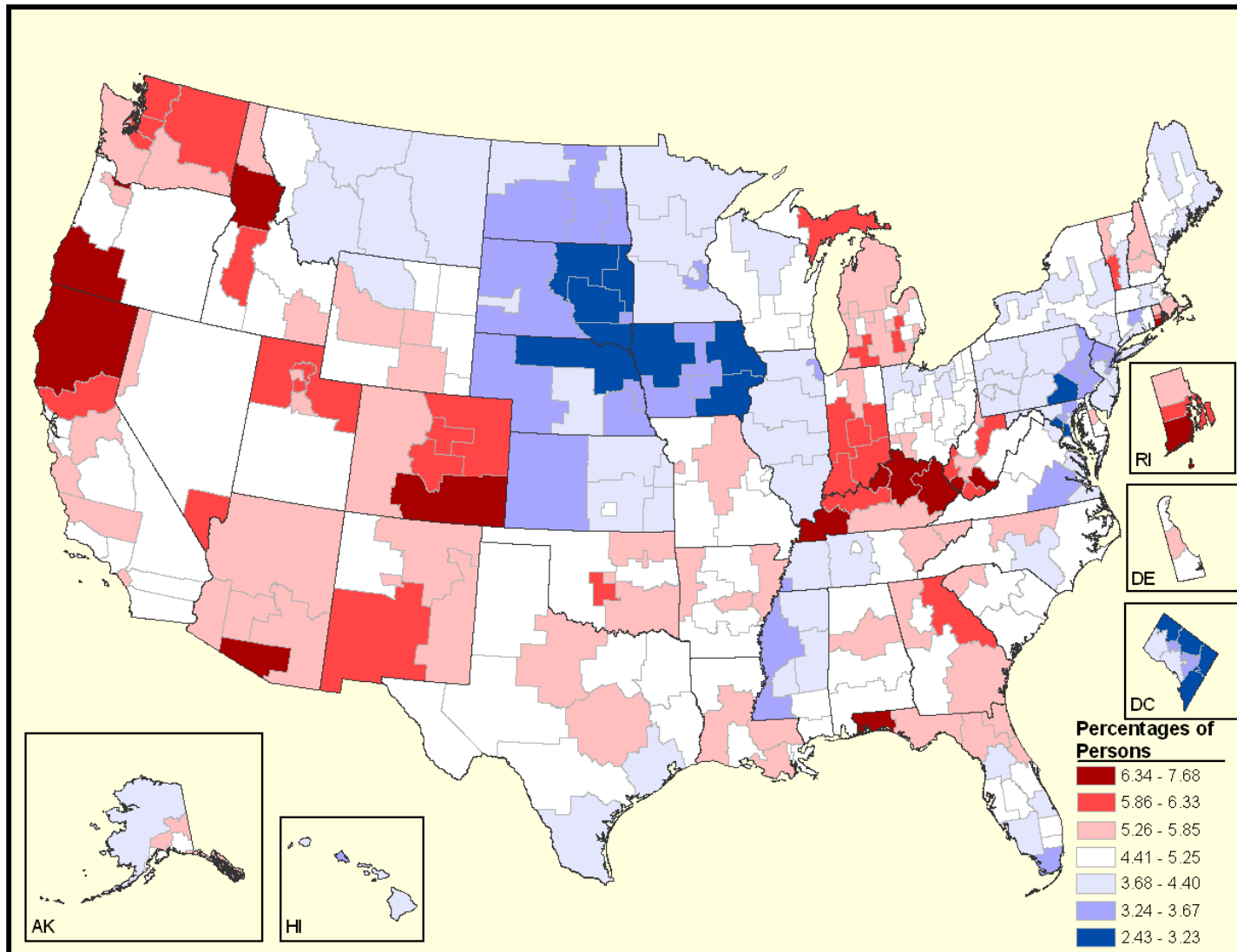


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C3.3 *Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

C-129

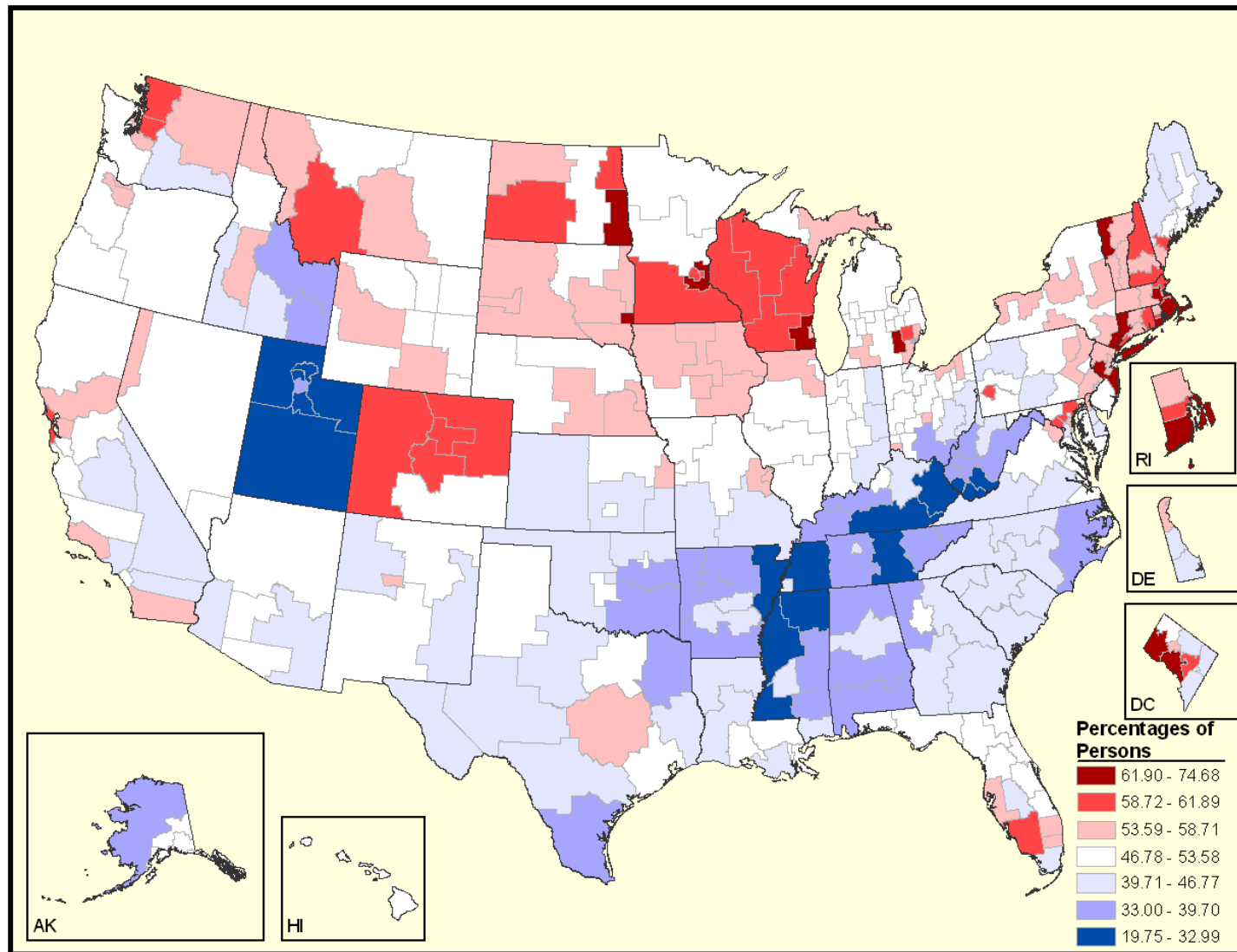


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C4.1 *Alcohol Use in Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

C-130

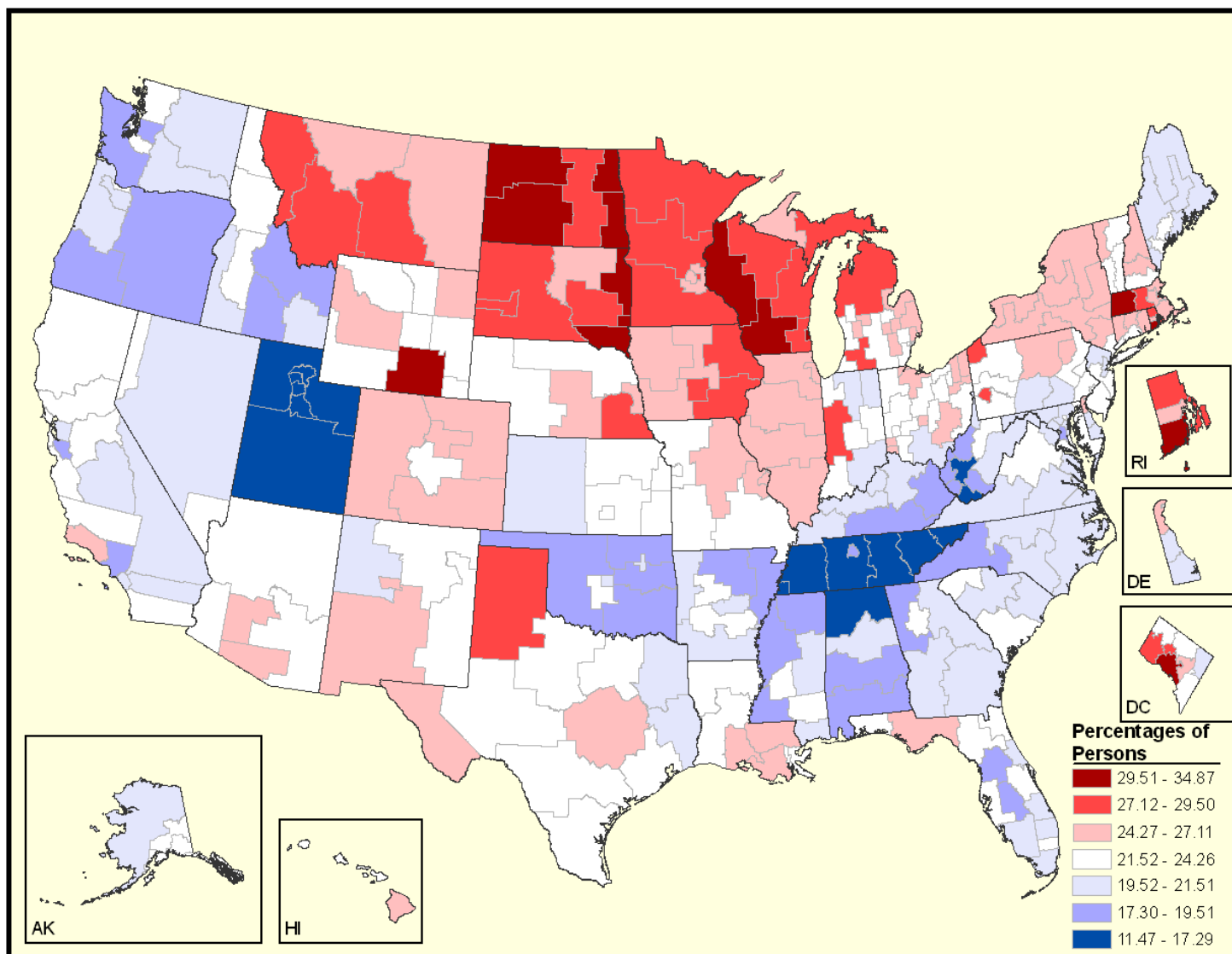


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C4.2 Binge Alcohol Use in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

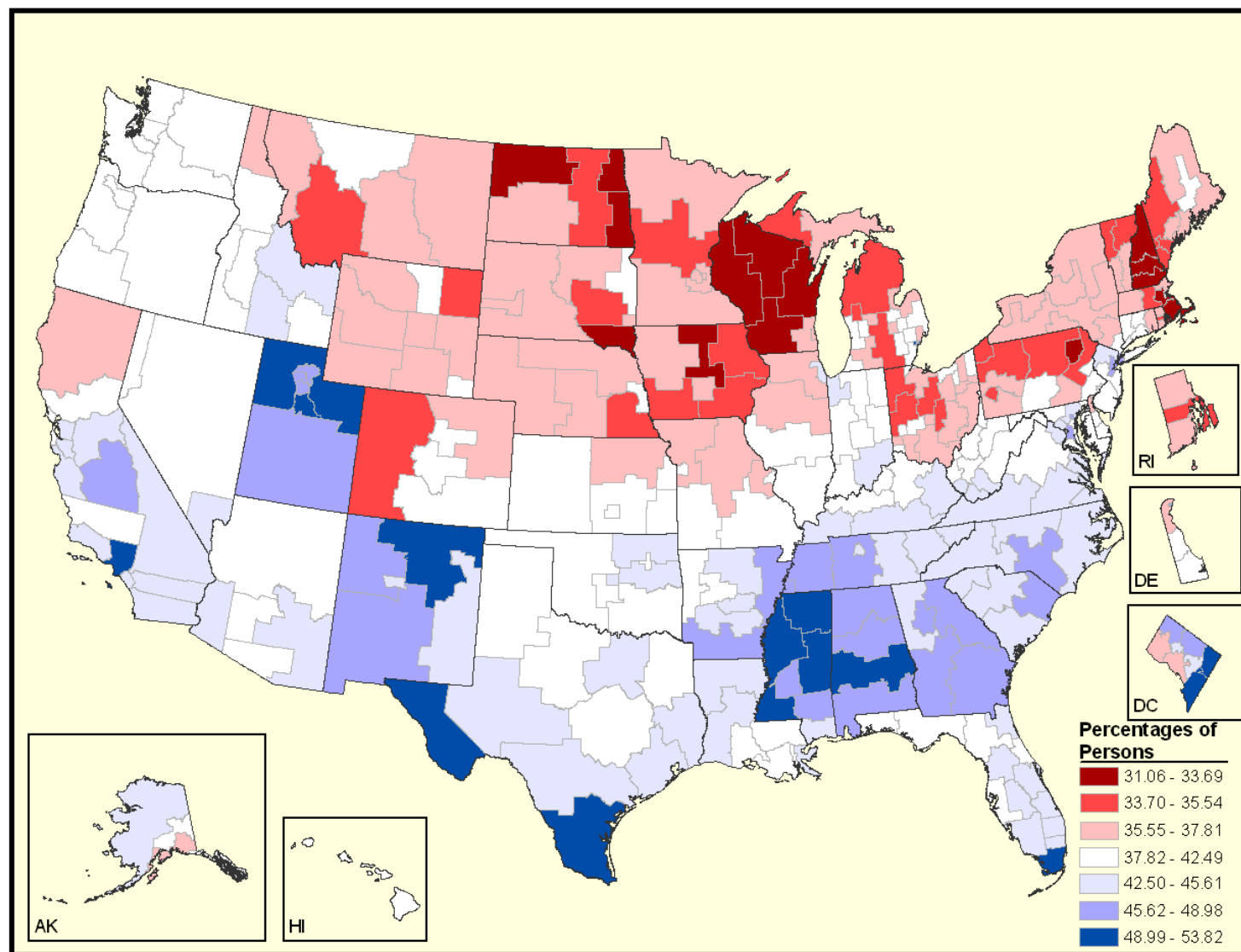
C-131



NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

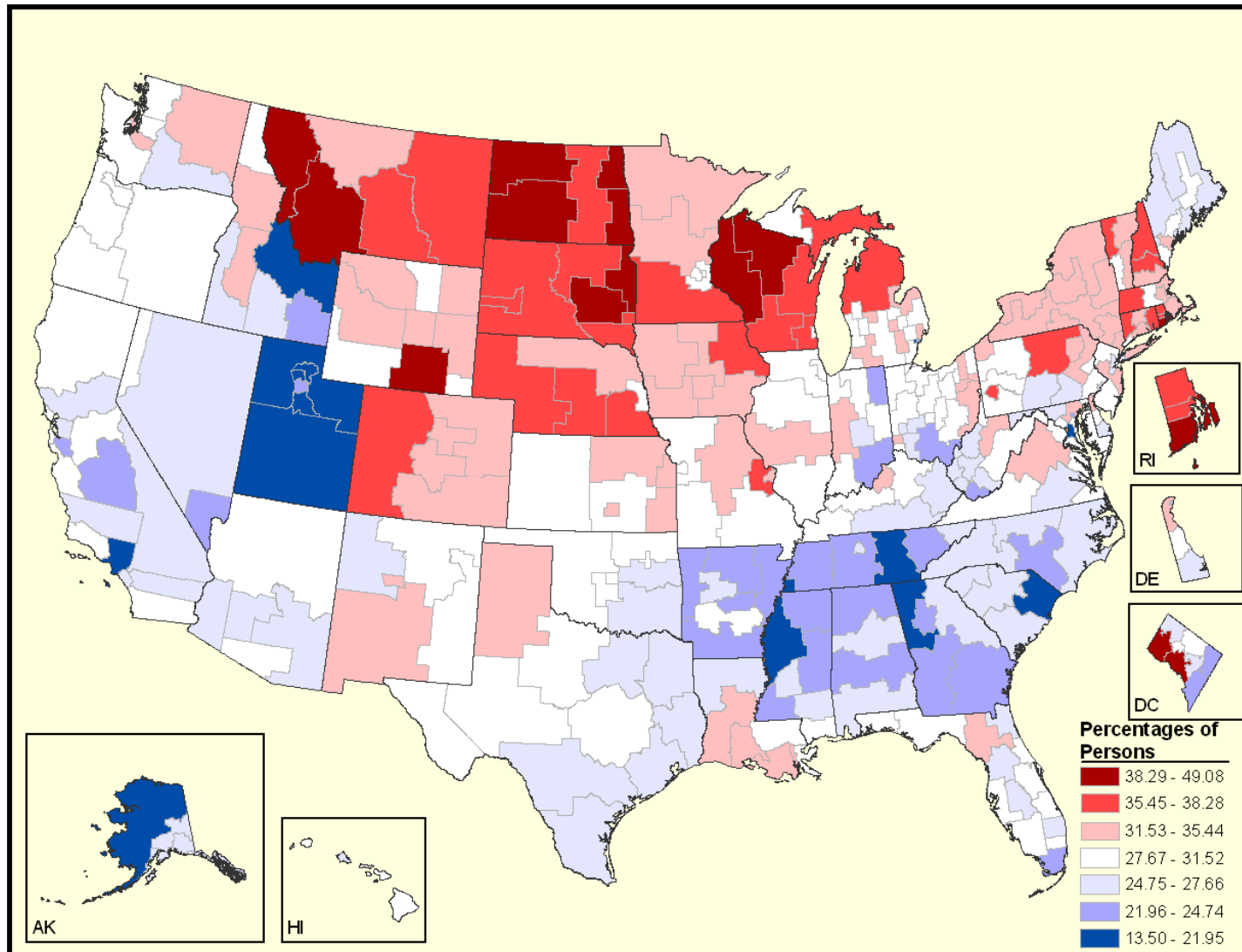
Figure C4.3 *Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*



NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

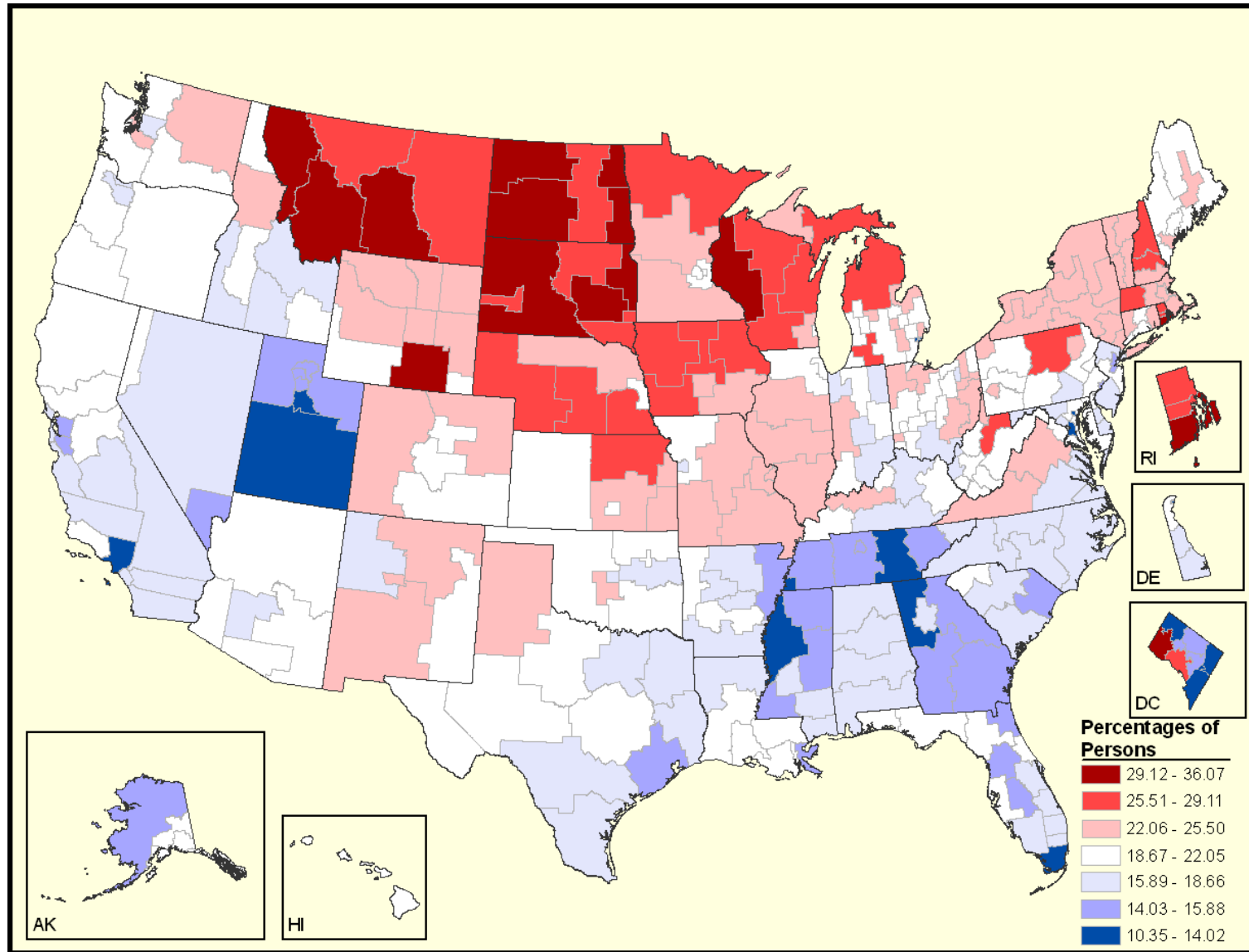
Figure C5.1 *Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*



NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C5.2 *Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

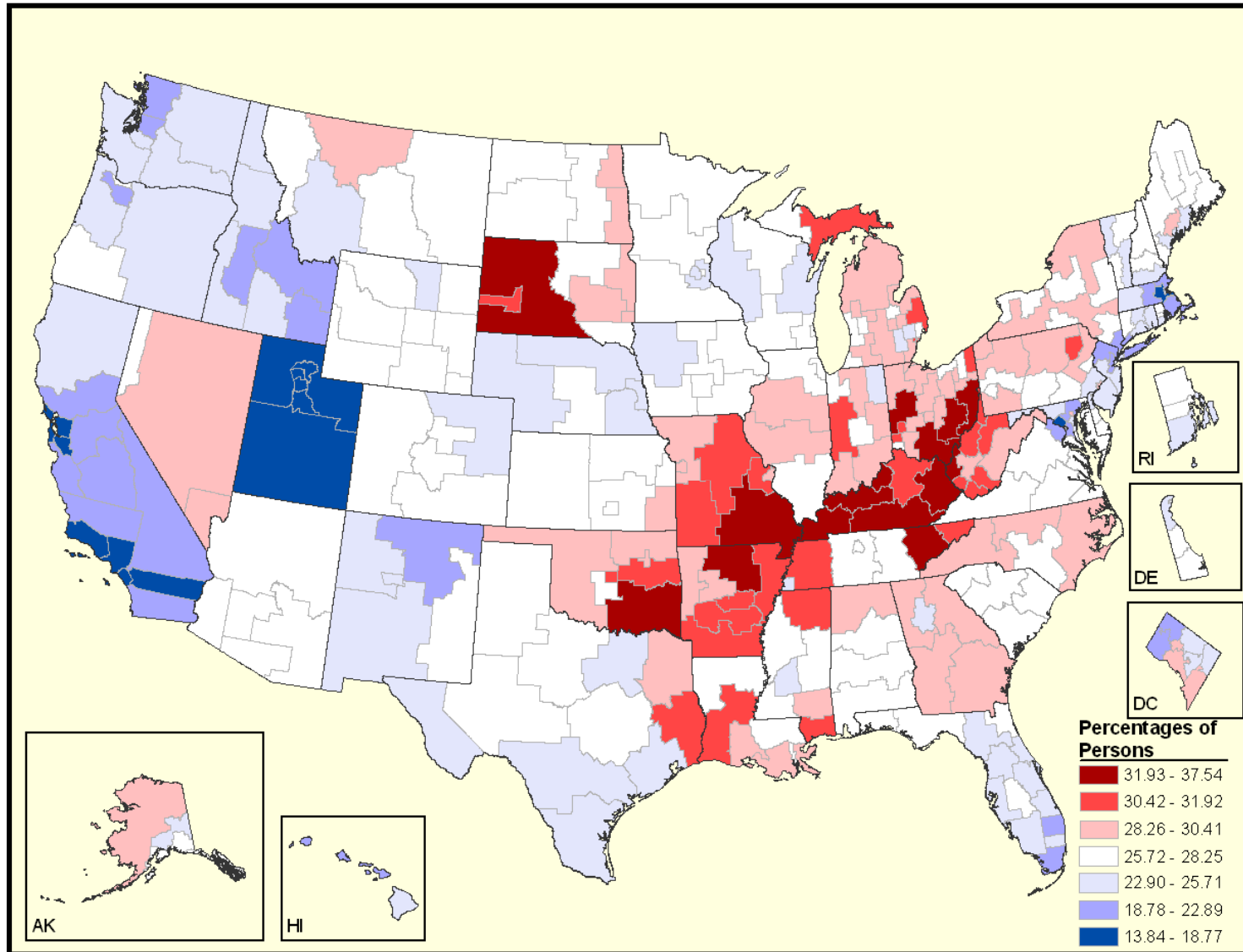


C-134

NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C6.1 *Cigarette Use in Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

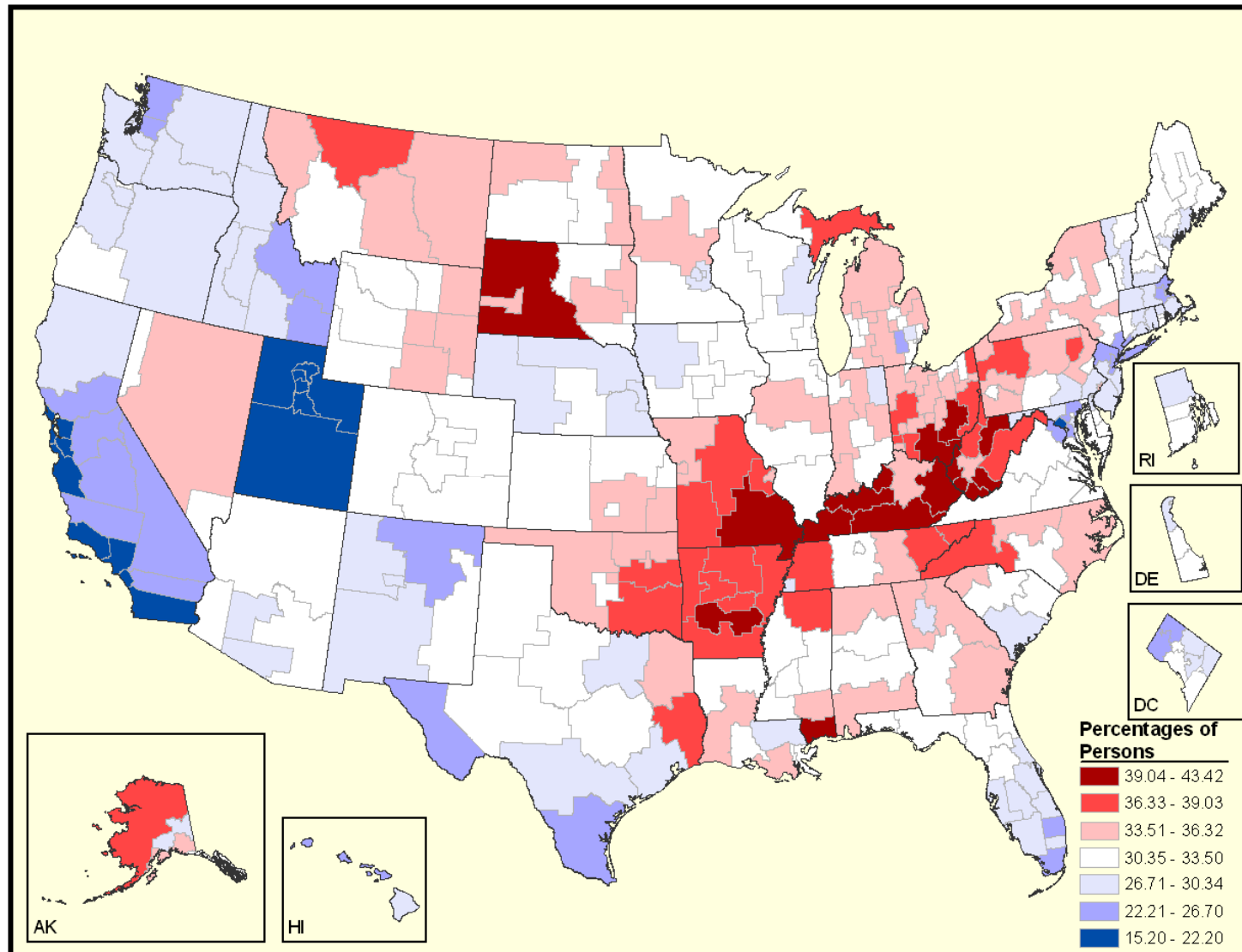


C-135

NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C6.2 Any Tobacco Product Use in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

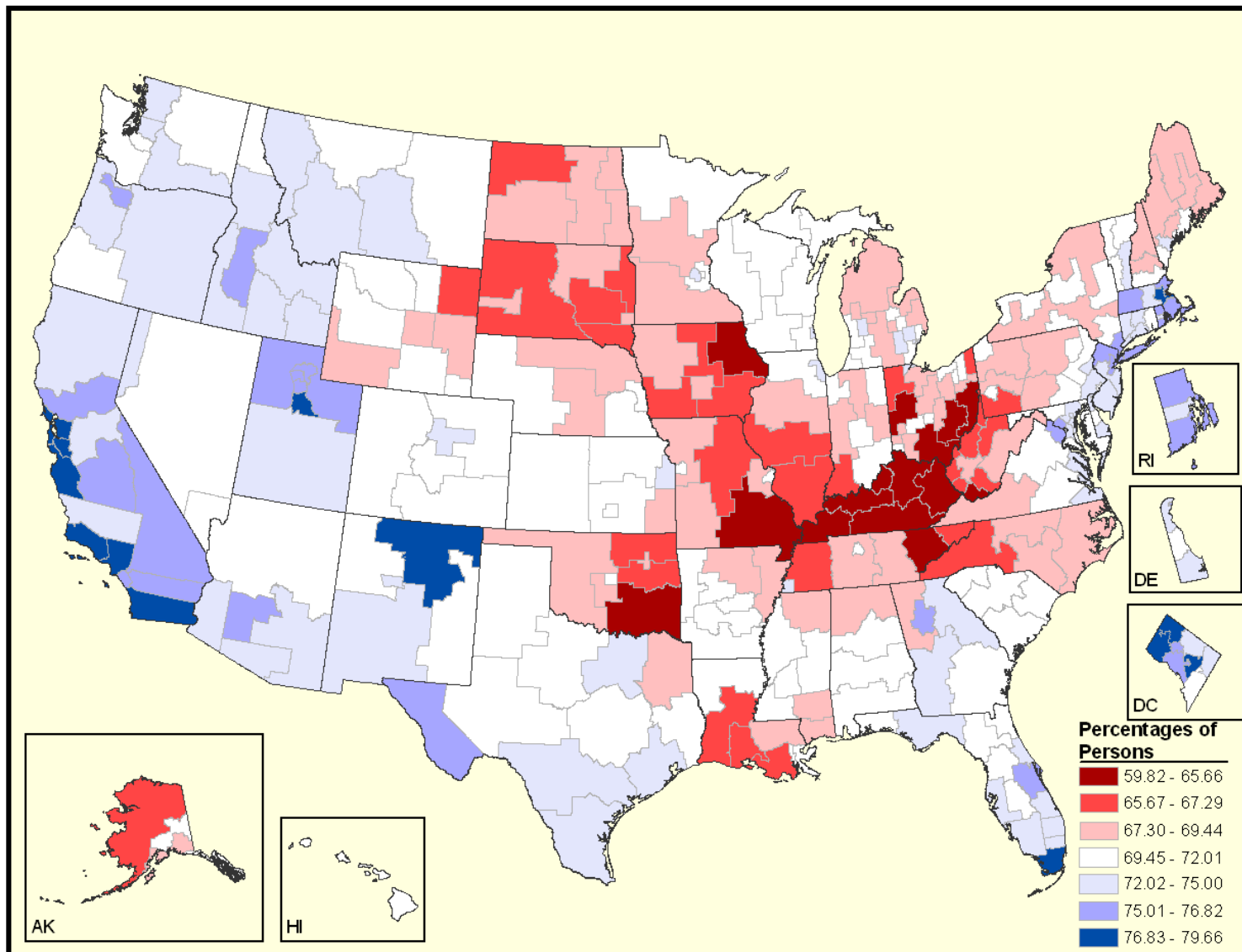


C-136

NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

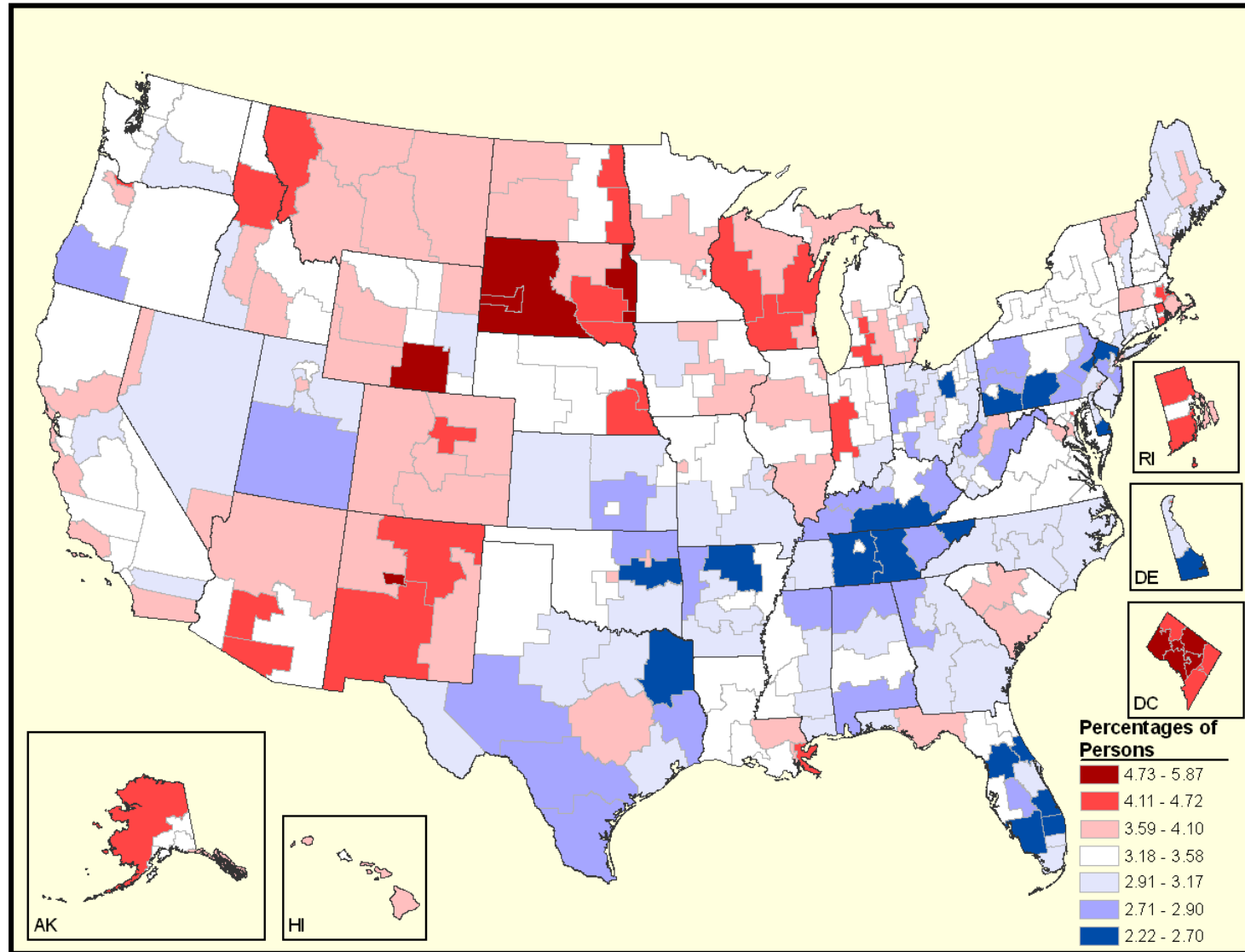
Figure C6.3 *Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*



NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C7.1 Alcohol Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

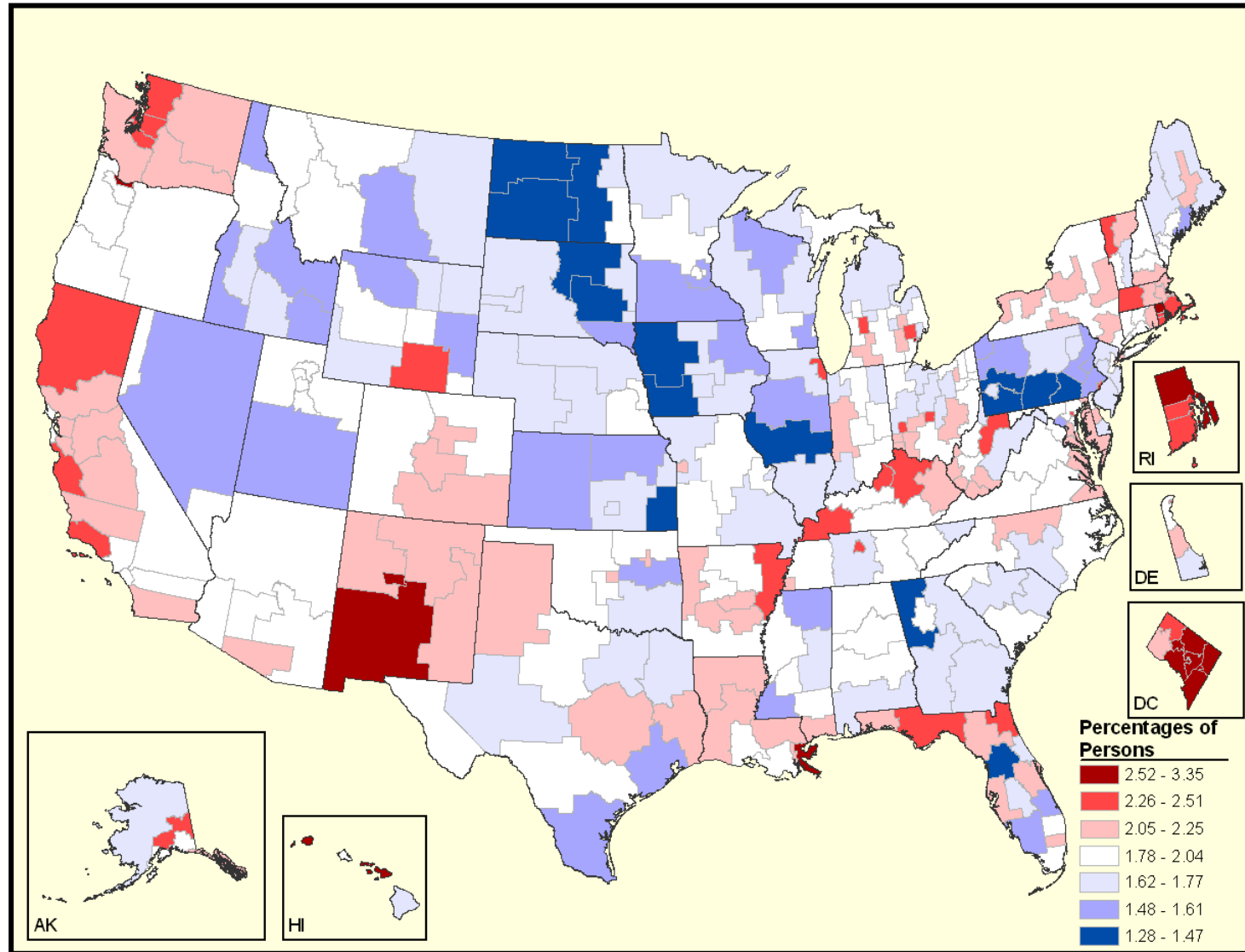


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C7.2 Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

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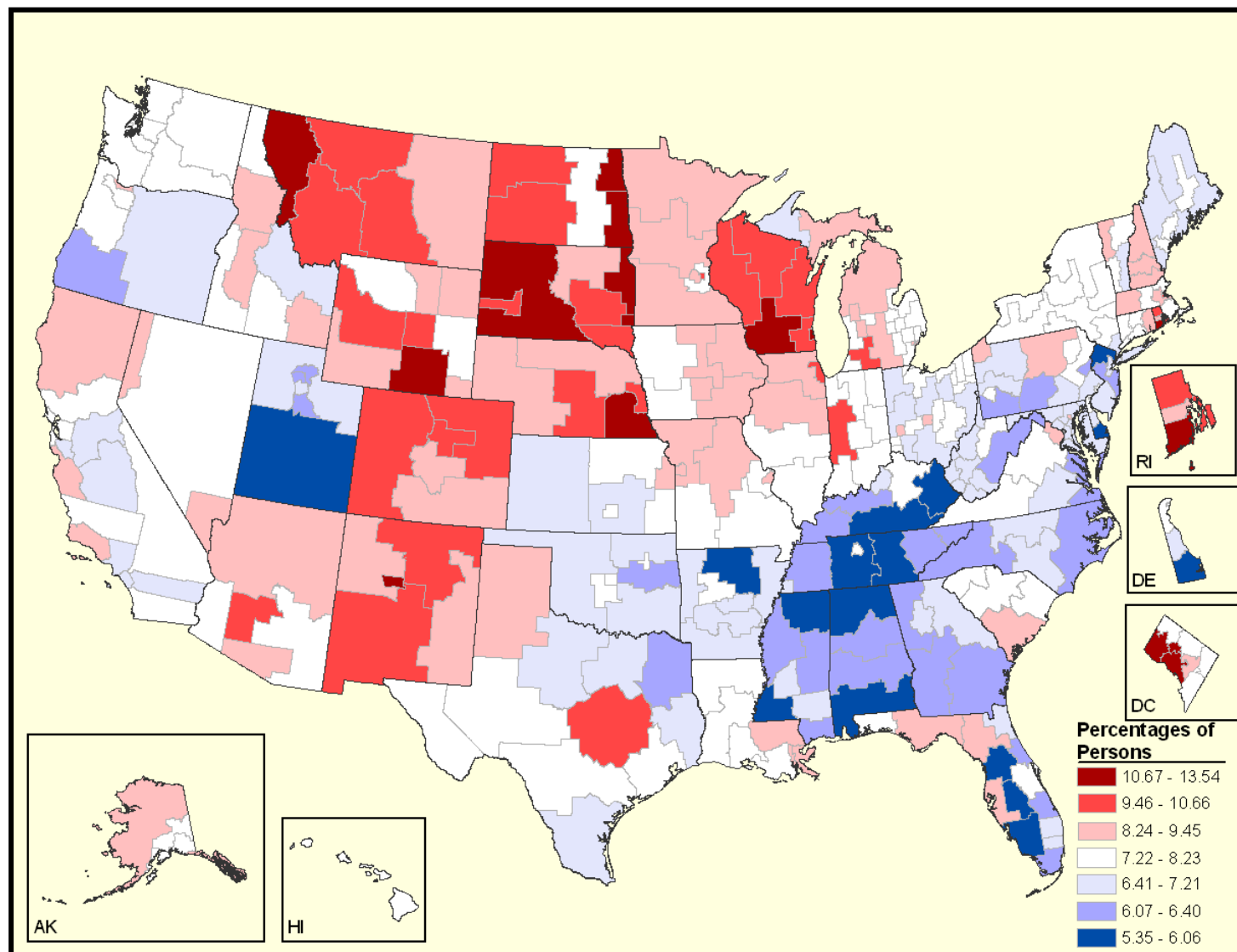


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C8.1 Alcohol Dependence or Abuse in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUH

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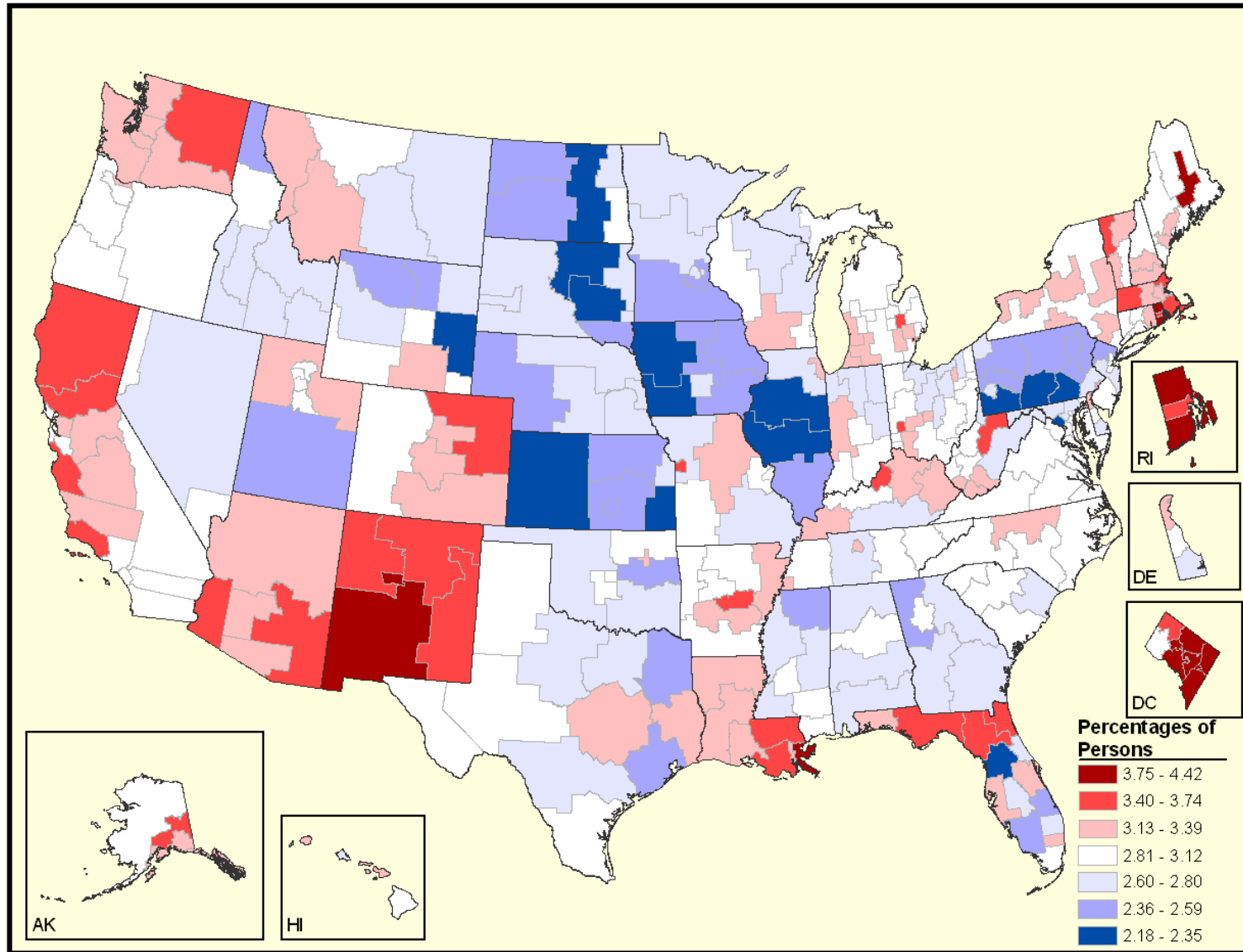


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C8.2 Any Illicit Drug Dependence or Abuse in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

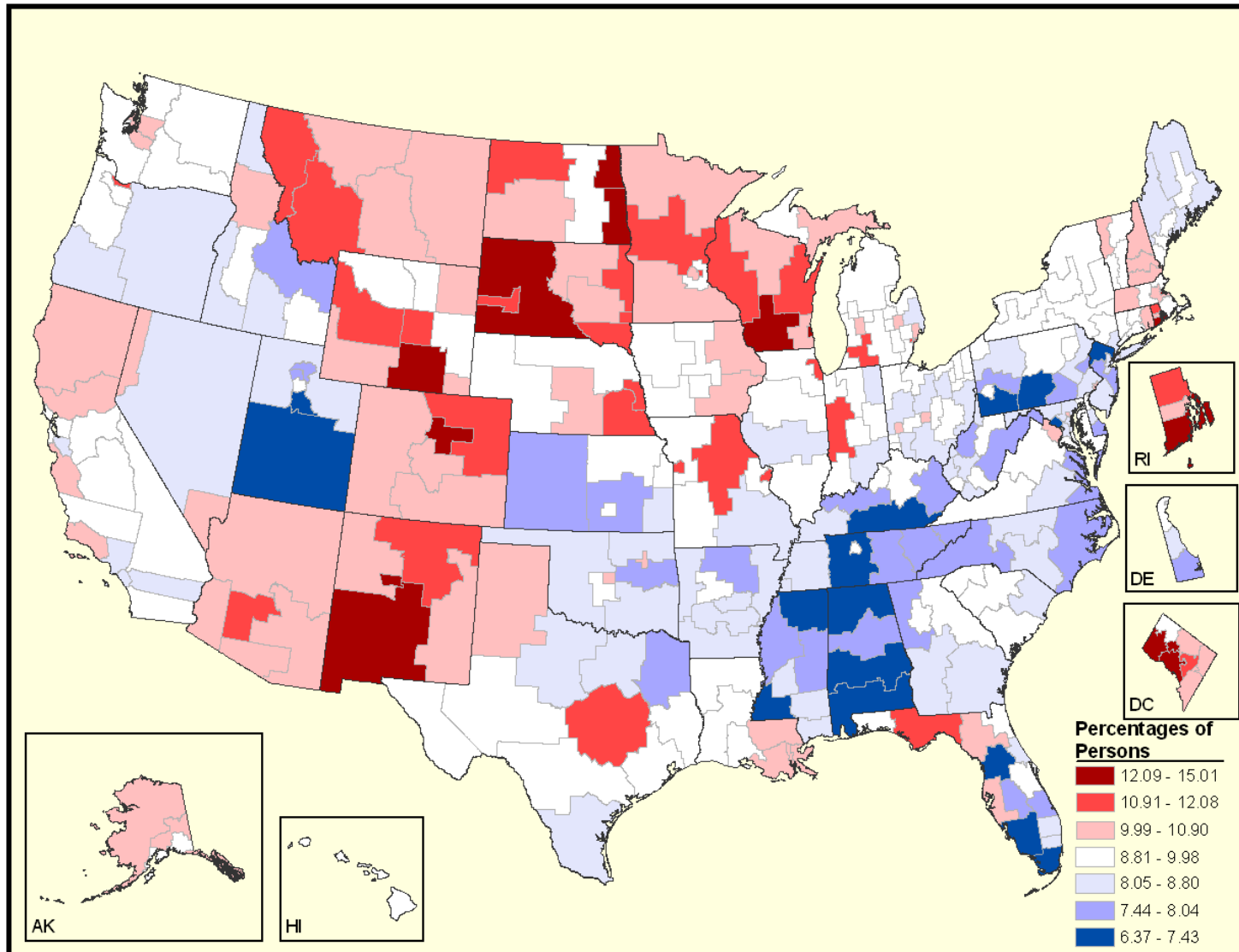
C-141



NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C8.3 *Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

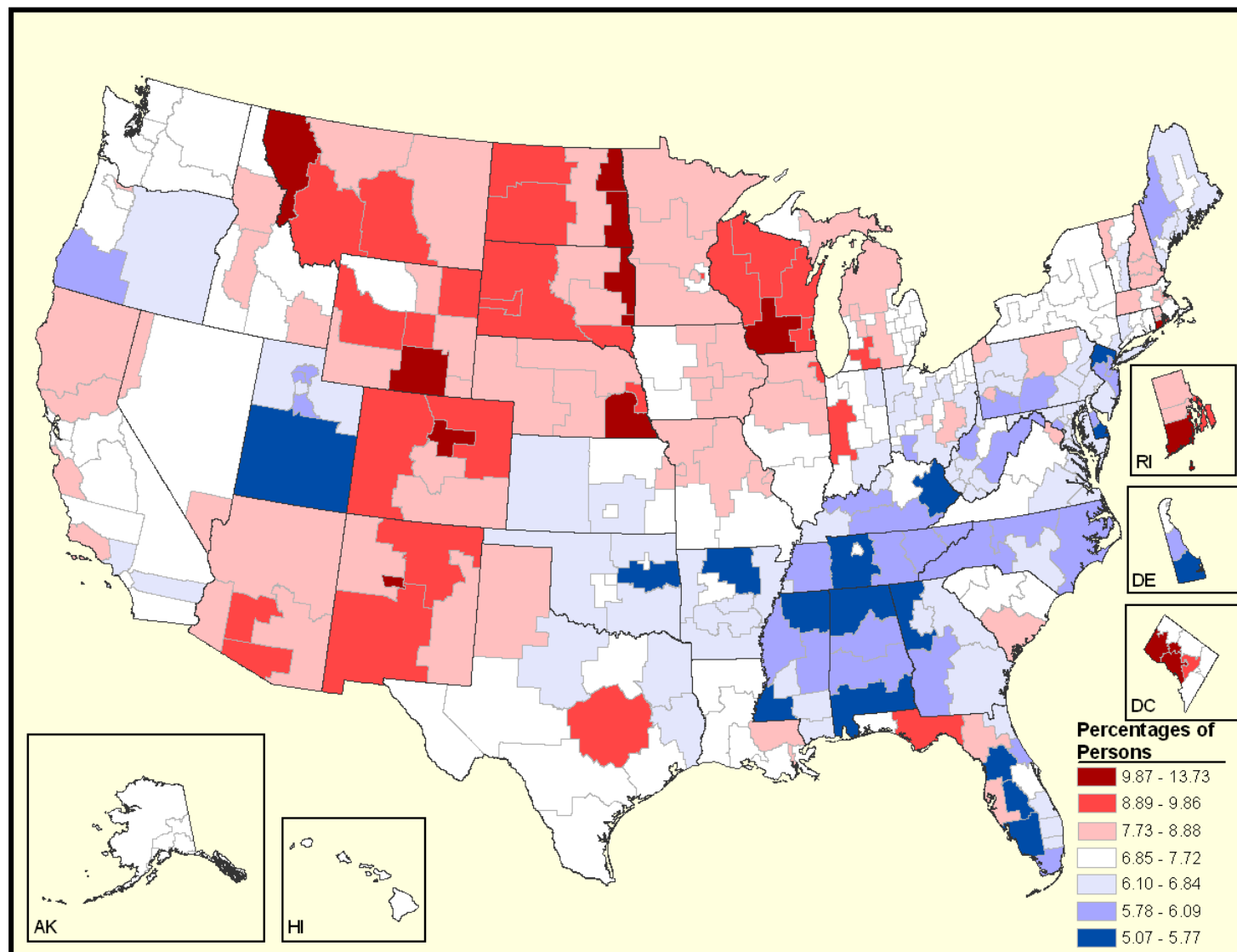


C-142

NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C9.1 *Needing But Not Receiving Treatment for Alcohol Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

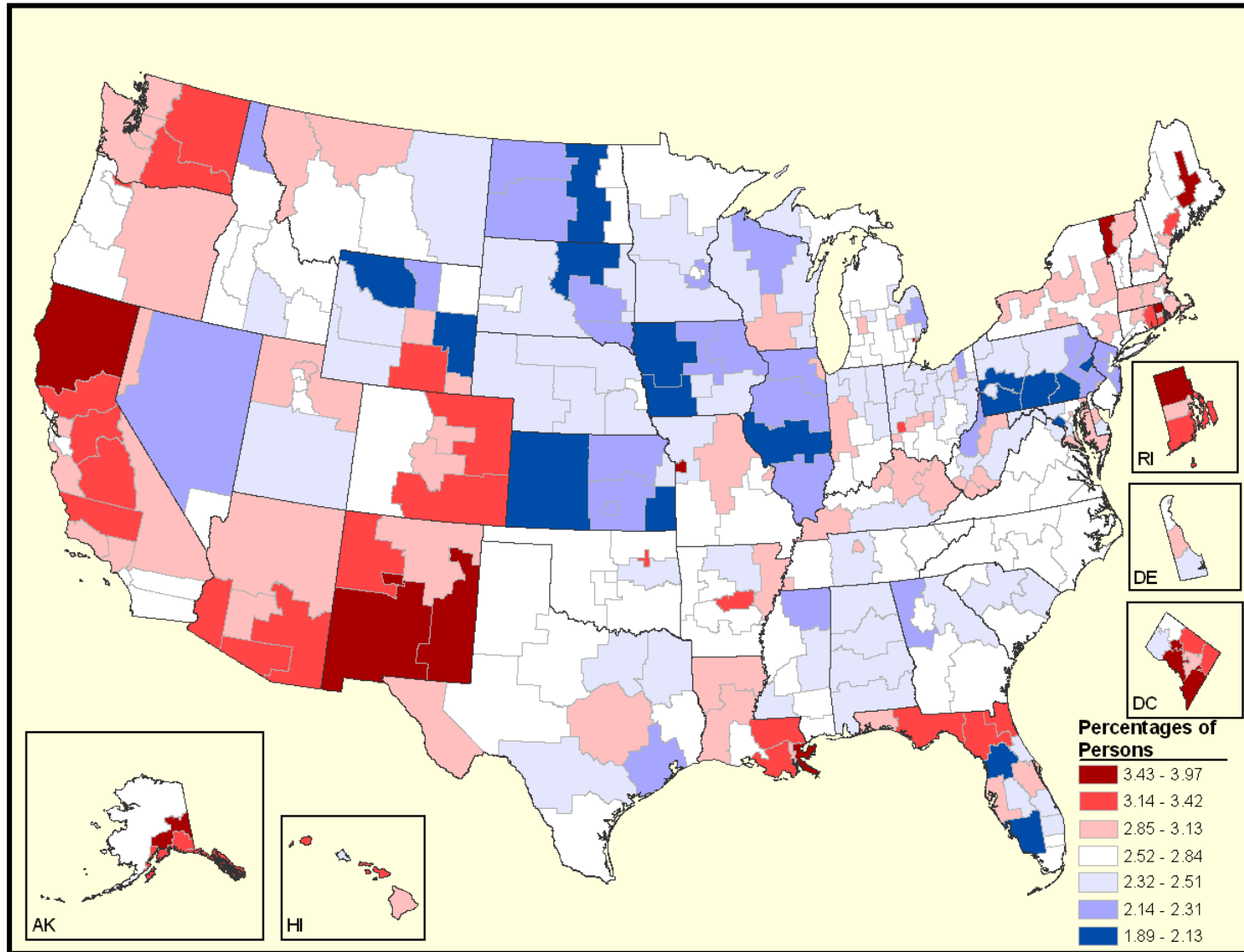


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C9.2 *Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

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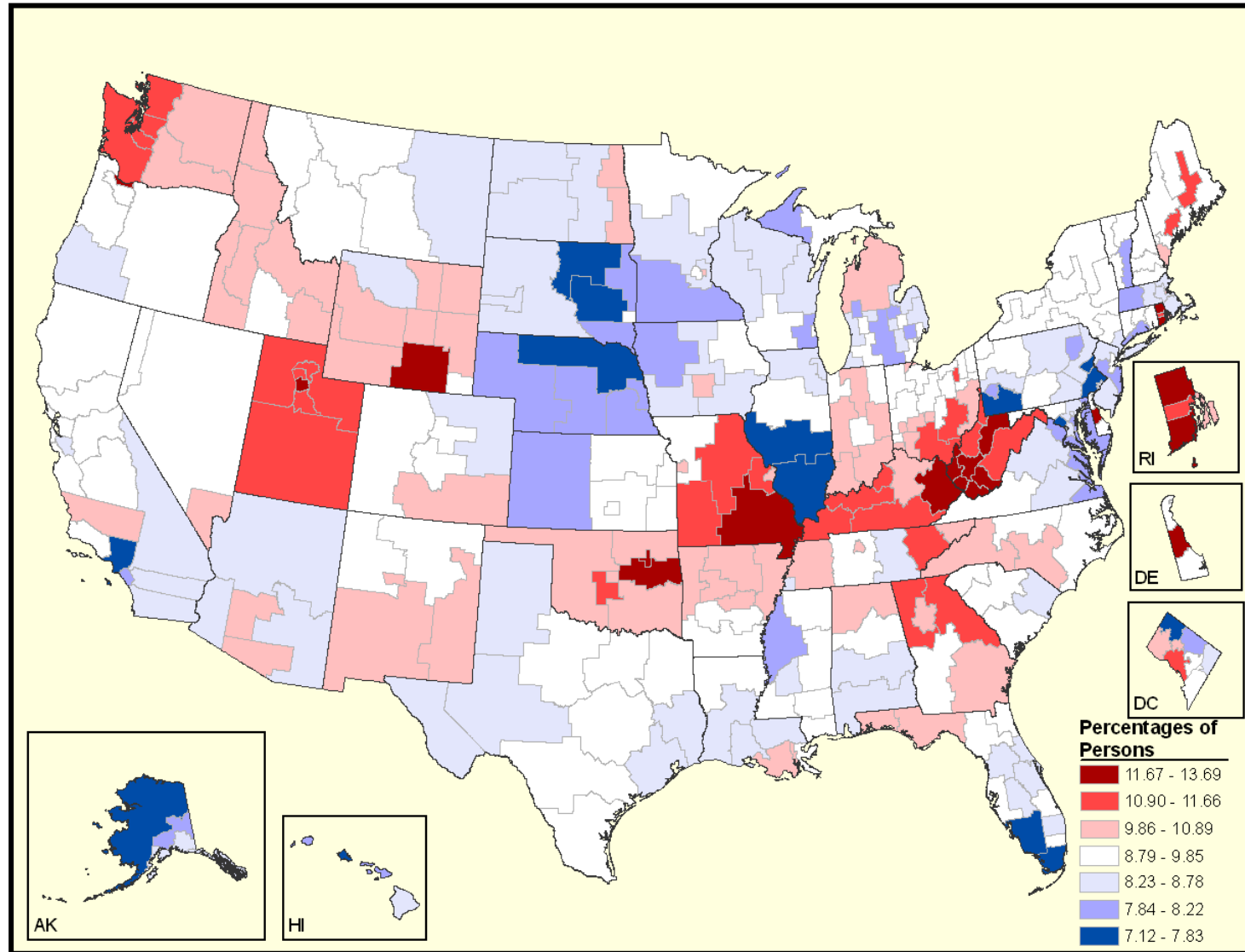


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure C10. Serious Psychological Distress in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

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NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Section D: Substate Region Definitions

Figure D1. ALABAMA – Substate Regions (defined in terms of counties)

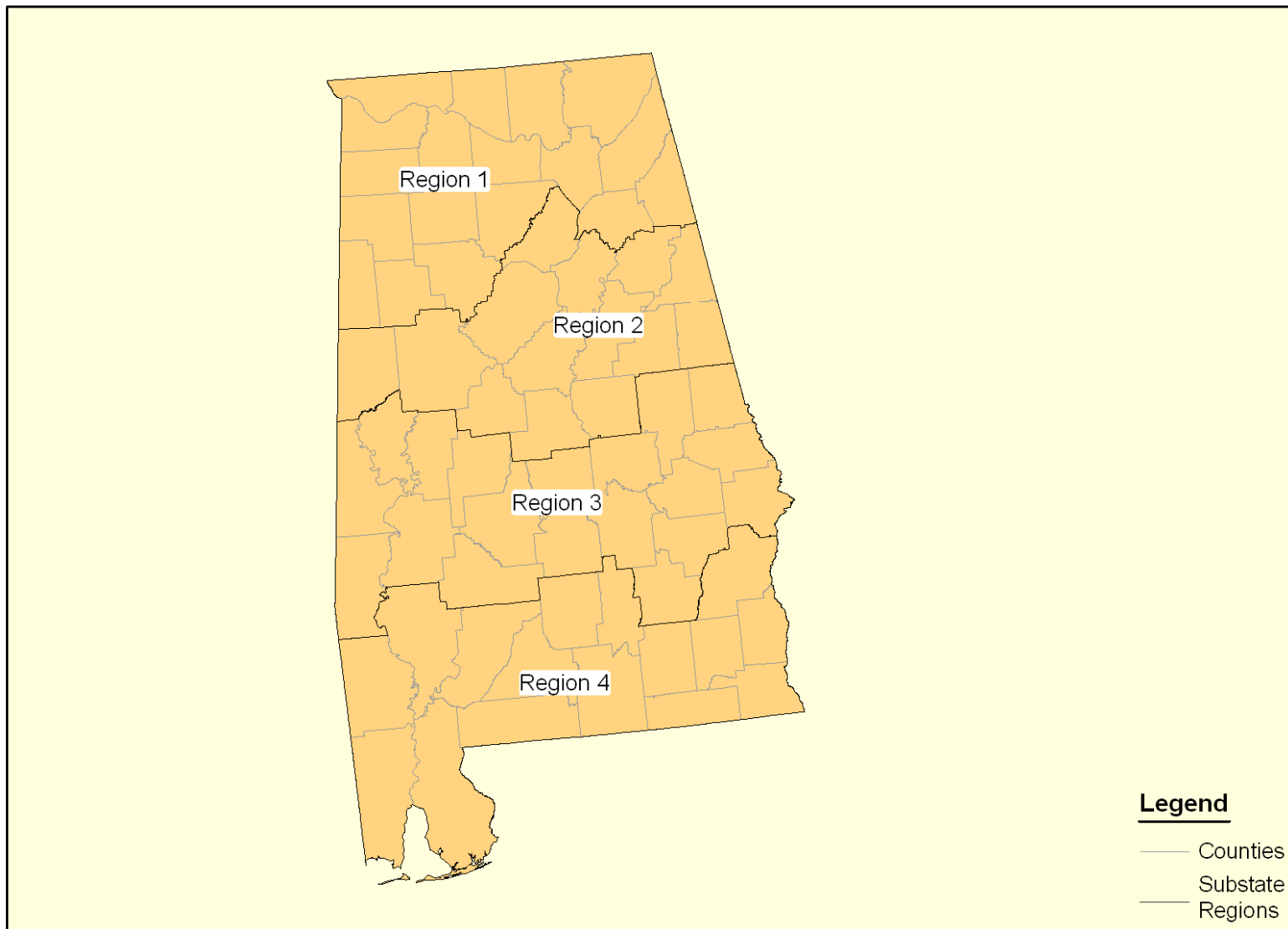


Table D1. ALABAMA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Alabama Department of Mental Health and Mental Retardation and are defined in terms of the State's 67 counties.			
Region 1	Region 2	Region 3	Region 4
Cherokee	Bibb	Autauga	Baldwin
Colbert	Blount	Bullock	Barbour
Cullman	Calhoun	Chambers	Butler
De Kalb	Chilton	Choctaw	Clarke
Etowah	Clay	Dallas	Coffee
Fayette	Cleburne	Elmore	Conecuh
Franklin	Coosa	Greene	Covington
Jackson	Jefferson	Hale	Crenshaw
Lamar	Pickens	Lee	Dale
Lauderdale	Randolph	Lowndes	Escambia
Lawrence	Shelby	Macon	Geneva
Limestone	St. Clair	Marengo	Henry
Madison	Talladega	Montgomery	Houston
Marion	Tuscaloosa	Perry	Mobile
Marshall		Pike	Monroe
Morgan		Russell	Washington
Walker		Sumter	
Winston		Tallapoosa	
		Wilcox	

Figure D2. ALASKA – Substate Regions (defined in terms of boroughs or census areas)

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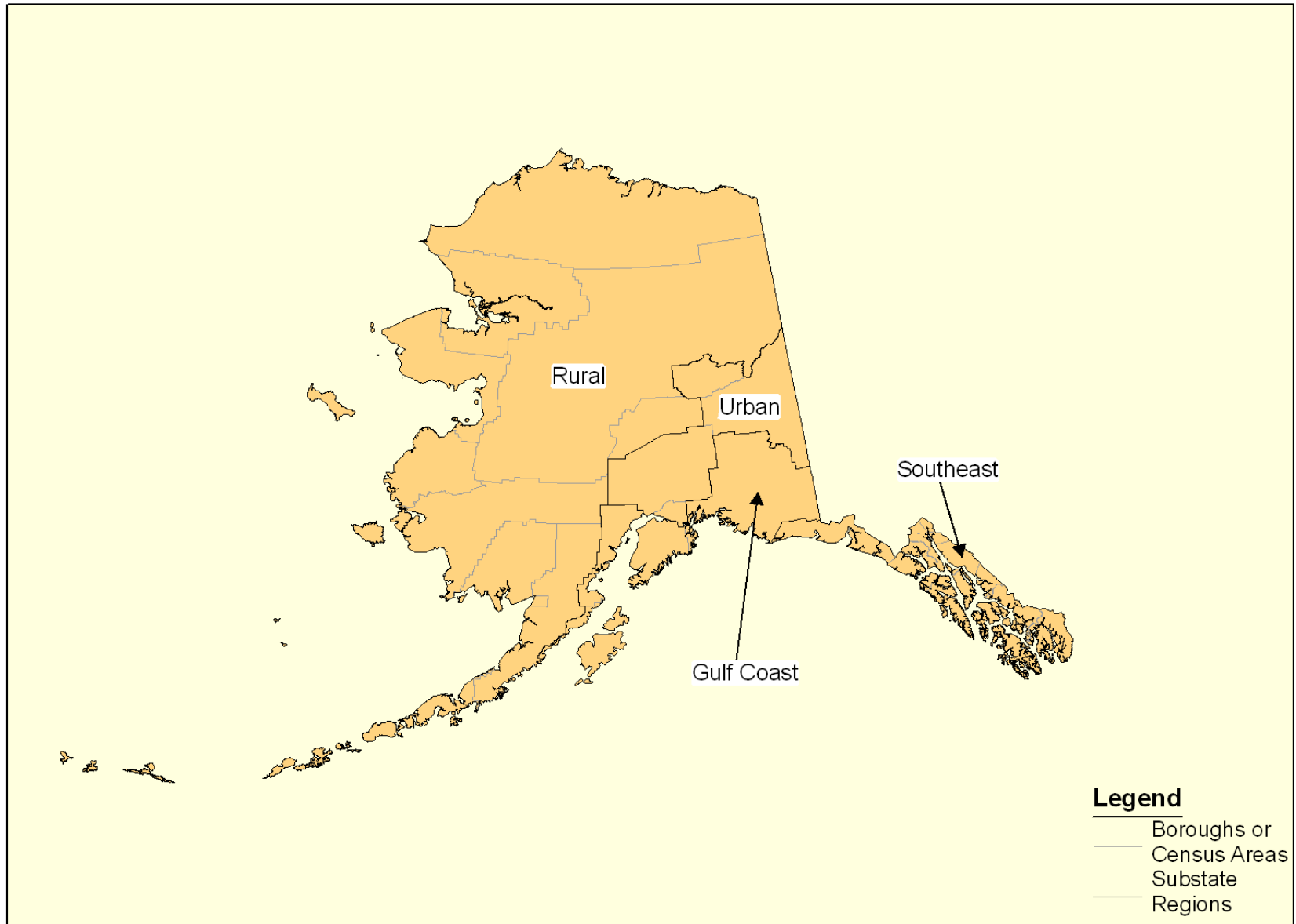


Table D2. ALASKA – Substate Regions (defined in terms of boroughs or census areas)

<p>The substate regions for Alaska were defined based on the planning areas documented in the Behavioral Risk Factor Surveillance System (BRFSS) <i>Health Status in Alaska</i> report and in consultation with the Center for Substance Abuse Treatment (CSAT) State contact.</p>			
Gulf Coast	Rural	Southeast	Urban
Kenai Peninsula Kodiak Island Valdez-Cordova	Aleutians East Aleutians West Bethel Bristol Bay Denali Dillingham Lake and Peninsula Nome North Slope Northwest Arctic Wade Hampton Yukon-Koyukuk	Haines Juneau Ketchikan Gateway Prince of Wales-Outer Ketchikan Sitka Skagway-Hoonah-Angoon Wrangell-Petersburg Yakutat	Anchorage Fairbanks North Star Matanuska-Susitna Southeast Fairbanks

Figure D3. ARIZONA – Substate Regions (defined in terms of counties)

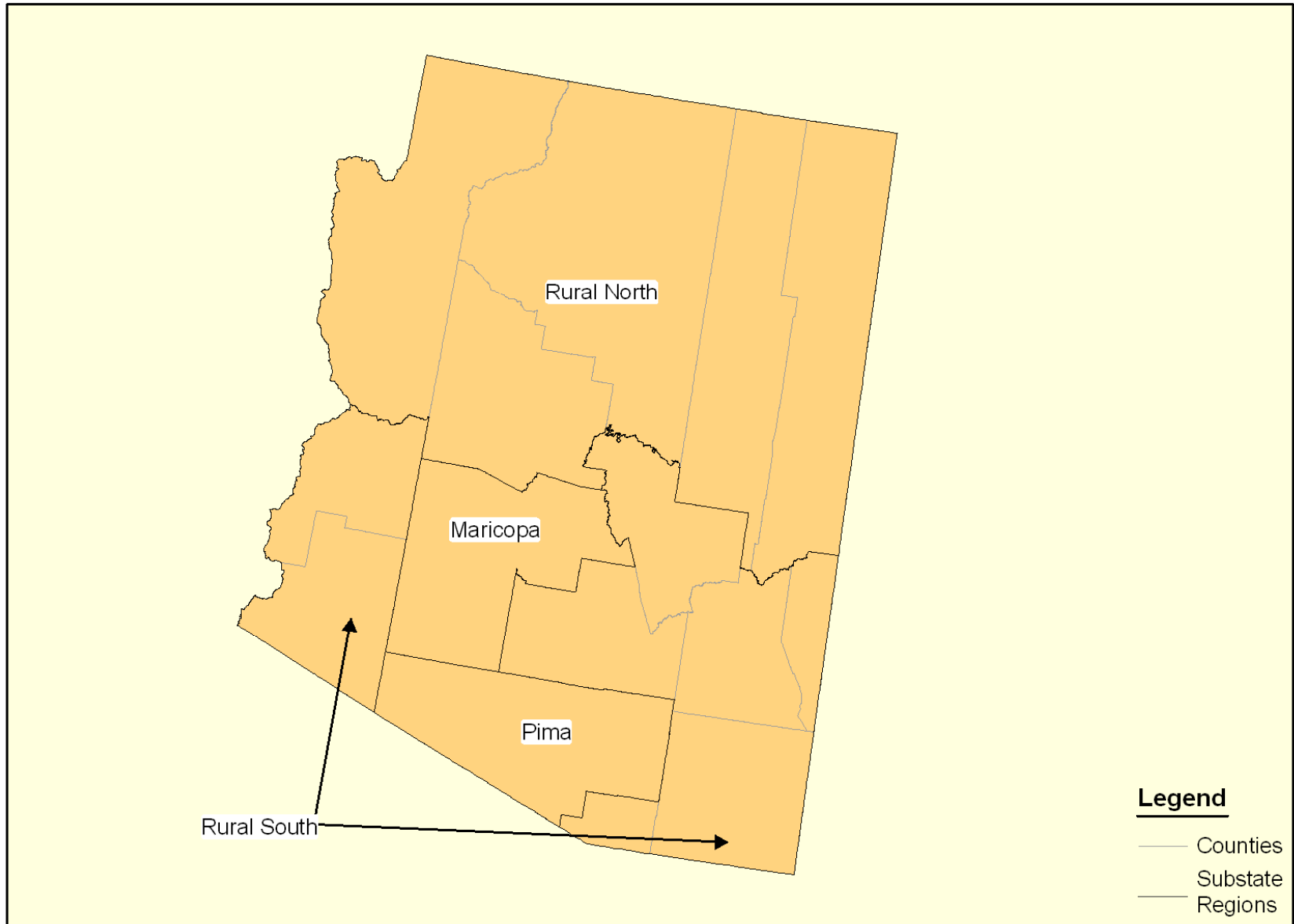


Table D3. ARIZONA – Substate Regions (defined in terms of counties)

<p>The substate regions defined here were provided by the State's Division of Behavioral Health Services, Arizona Department of Health Services, and are defined in terms of the State's 15 counties. The region definitions include nonadjacent counties being combined to form the Rural South region.</p>			
Maricopa	Pima	Rural North	Rural South
Maricopa	Pima	Apache Coconino Mohave Navajo Yavapai	Cochise Gila Graham Greenlee La Paz Pinal Santa Cruz Yuma

Figure D4. ARKANSAS – Substate Regions (defined in terms of counties)

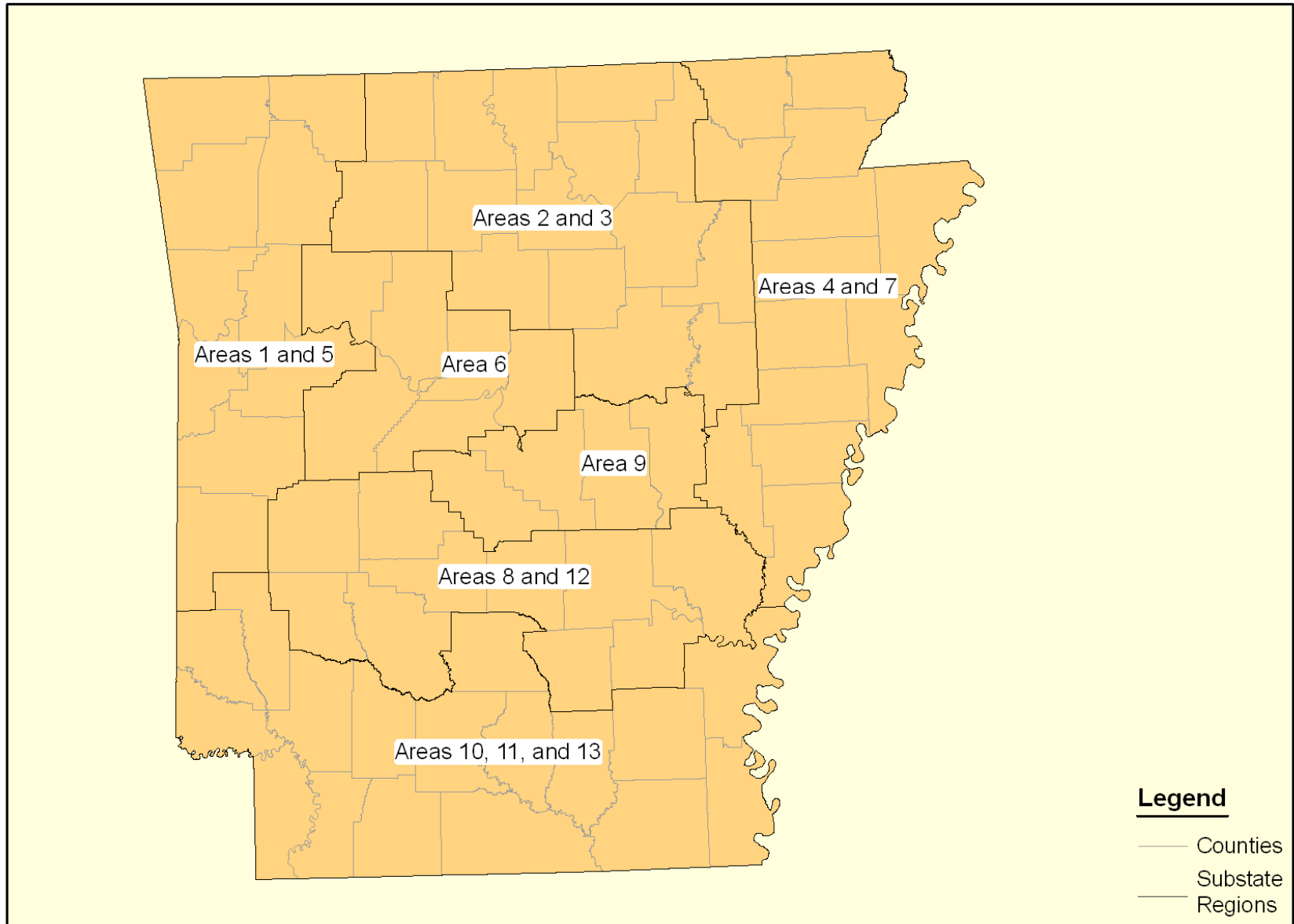


Table D4. ARKANSAS – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Arkansas Department of Health and Human Services, Division of Behavioral Health Services, and are defined in terms of the State's 75 counties.						
Areas 1 and 5		Areas 2 and 3		Areas 4 and 7		Area 6
<u>Area 1</u> Benton Carroll Madison Washington	<u>Area 5</u> Crawford Franklin Logan Polk Scott Sebastian	<u>Area 2</u> Baxter Boone Marion Newton Searcy	<u>Area 3</u> Cleburne Fulton Independence Izard Jackson Sharp Stone Van Buren White Woodruff	<u>Area 4</u> Clay Craighead Greene Lawrence Mississippi Poinsett Randolph	<u>Area 7</u> Crittenden Cross Lee Monroe Phillips St. Francis	Conway Faulkner Johnson Perry Pope Yell
Areas 8 and 12		Area 9	Areas 10, 11, and 13			
<u>Area 8</u> Clark Garland Hot Spring Montgomery Pike	<u>Area 12</u> Arkansas Cleveland Grant Jefferson Lincoln	Lonoke Prairie Pulaski Saline	<u>Area 10</u> Hempstead Howard Lafayette Little River Miller Sevier	<u>Area 11</u> Calhoun Columbia Dallas Nevada Ouachita Union	<u>Area 13</u> Ashley Bradley Chicot Desha Drew	

Figure D5. CALIFORNIA – Substate Regions (defined in terms of counties)

D-10

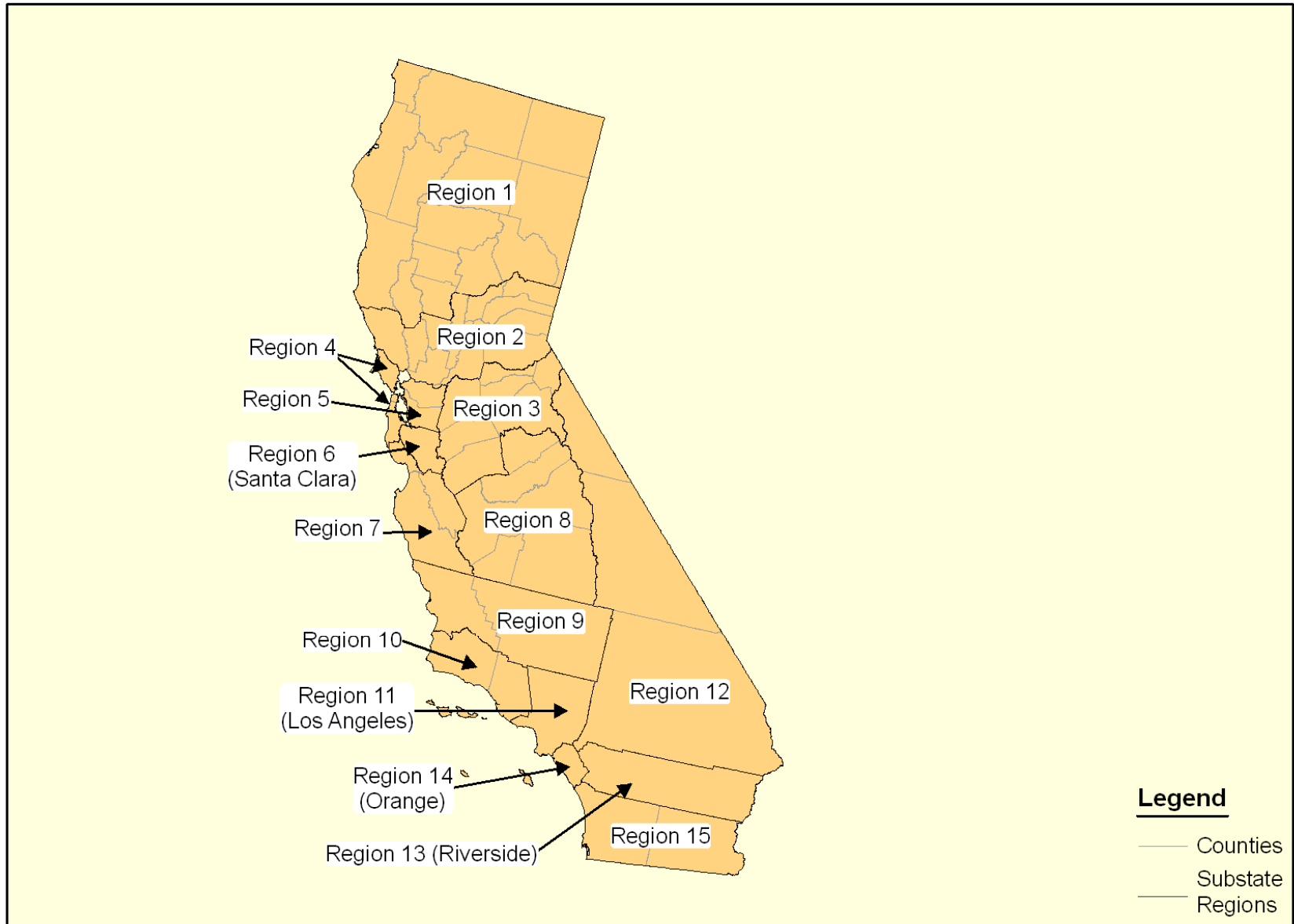


Table D5. CALIFORNIA – Substate Regions (defined in terms of counties)

The substate regions defined here were created in consultation with the California Department of Alcohol and Drug Programs and are defined in terms of the State's 58 counties.							
Region 1	Region 2	Region 3	Region 4	Region 5	Region 6 (Santa Clara)	Region 7	Region 8
Butte Colusa Del Norte Glenn Humboldt Lake Lassen Mendocino Modoc Plumas Shasta Siskiyou Tehama Trinity	El Dorado Napa Nevada Placer Sacramento Sierra Solano Sonoma Sutter Yolo Yuba	Alpine Amador Calaveras Merced San Joaquin Stanislaus Tuolumne	Marin San Francisco San Mateo	Alameda Contra Costa	Santa Clara	Monterey San Benito Santa Cruz	Fresno Kings Madera Mariposa Tulare
Region 9	Region 10	Region 11 (Los Angeles)	Region 12	Region 13 (Riverside)	Region 14 (Orange)	Region 15	
Kern San Luis Obispo	Santa Barbara Ventura	Los Angeles	Inyo Mono San Bernardino	Riverside	Orange	Imperial San Diego	

Figure D6. COLORADO – Substate Regions (defined in terms of counties)

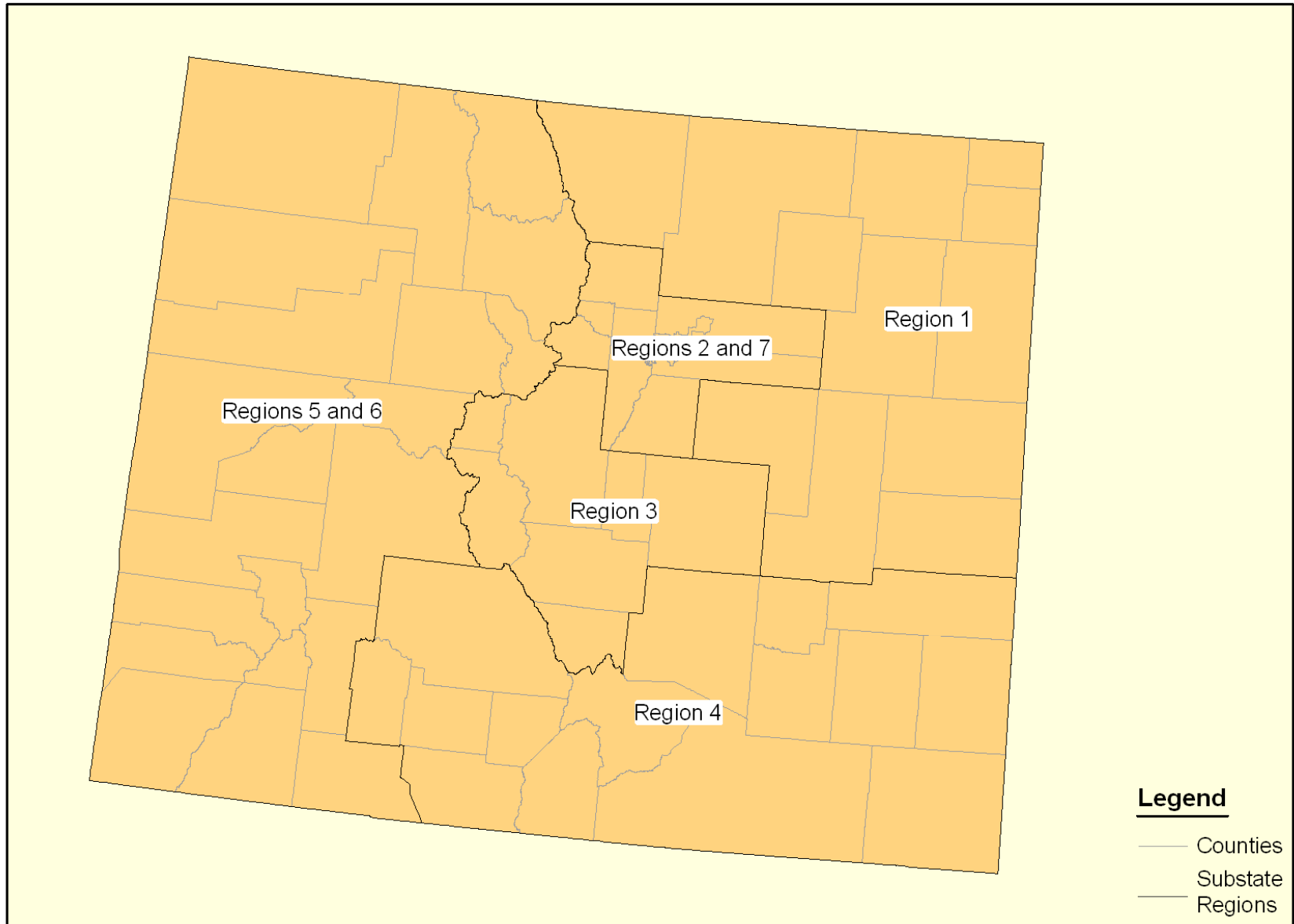


Table D6. COLORADO – Substate Regions (defined in terms of counties)

<p>The substate regions defined here were provided by the State's Alcohol and Drug Abuse Division, Colorado Department of Human Services, and are defined in terms of the State's 63 counties. Due to sample size constraints, certain planning areas were combined to form substate regions.</p>					
Region 1	Regions 2 and 7	Region 3	Region 4	Regions 5 and 6	
Cheyenne	<u>Region 2</u>	Chaffee	Alamosa	<u>Region 5</u>	<u>Region 6</u>
Elbert	Adams	Custer	Baca	Archuleta	Eagle
Kit Carson	Arapahoe	El Paso	Bent	Delta	Garfield
Larimer	Clear Creek	Fremont	Conejos	Dolores	Grand
Lincoln	Denver	Lake	Costilla	Gunnison	Jackson
Logan	Douglas	Park	Crowley	Hinsdale	Mesa
Morgan	Gilpin	Teller	Huerfano	La Plata	Moffat
Phillips	Jefferson		Kiowa	Montezuma	Pitkin
Sedgwick			Las Animas	Montrose	Rio Blanco
Washington	<u>Region 7</u>		Mineral	Ouray	Routt
Weld	Boulder		Otero	San Juan	Summit
Yuma			Prowers	San Miguel	
			Pueblo		
			Rio Grande		
			Saguache		

Figure D7. CONNECTICUT – Substate Regions (defined in terms of census tracts, specified by a 6-digit tract identifier)

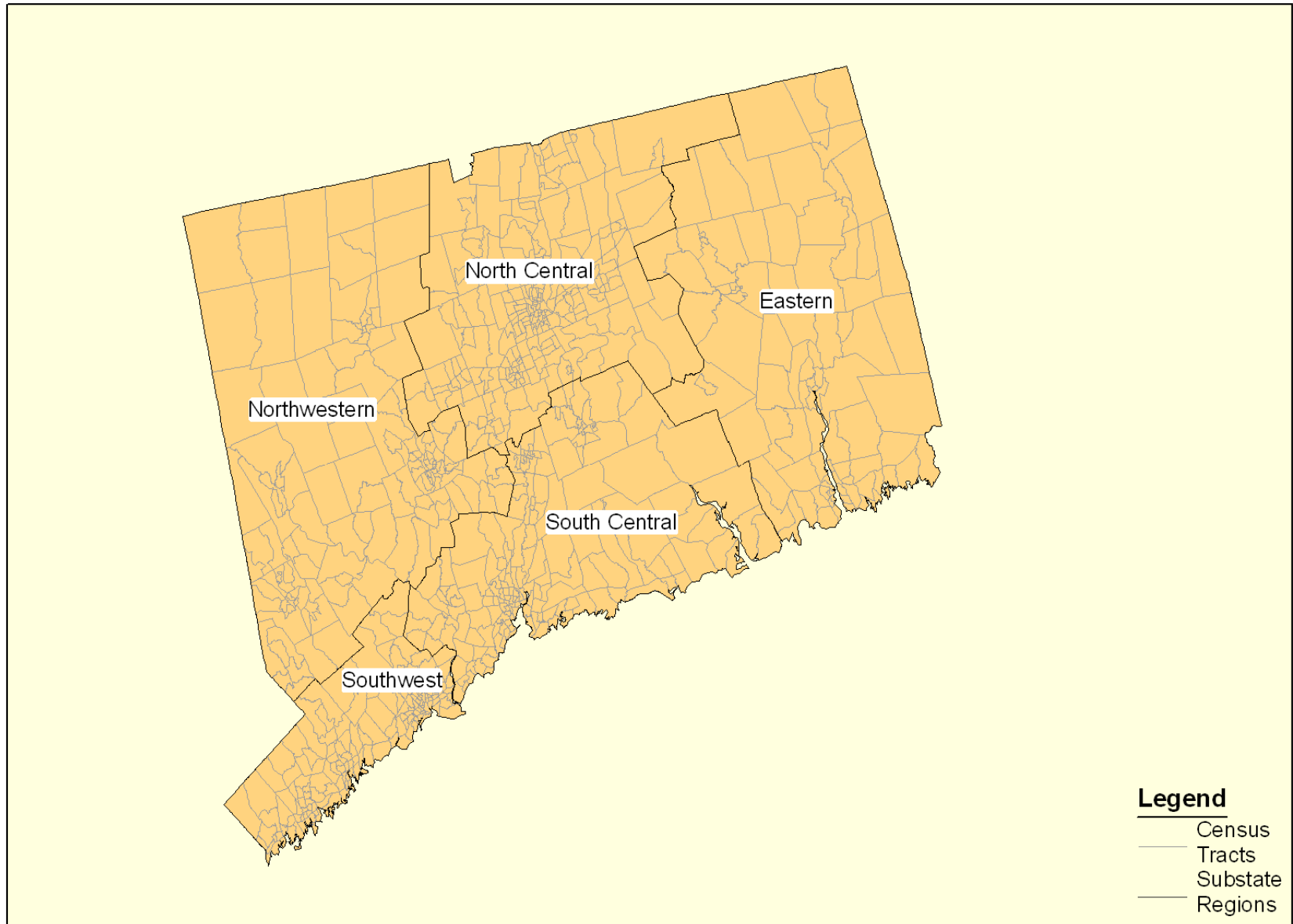


Table D7. CONNECTICUT – Substate Regions (defined in terms of census tracts, specified by a 6-digit tract identifier)

<p>The Connecticut Department of Mental Health and Addiction Services indicated that planning areas in Connecticut are defined in terms of townships, which in turn are defined in terms of census tracts within the State's eight counties. Several townships formed a single substate region.</p>	
Eastern	Tracts 690100 – 870100 in New London County; Tracts 840100 – 881500 in Tolland County; Tracts 800300 – 908100 in Windham County
North Central	Tracts 400100 – 524100 in Hartford County; Tracts 425300 – 425500 in Litchfield County; Tracts 526100 – 538202, 890100, and 890200 in Tolland County
Northwestern	Tracts 200100 – 257100 in Fairfield County; Tract 330100 in Hartford County; Tracts 250100 – 362102 in Litchfield County; Tracts 341100 – 361300 in New Haven County
South Central	Tracts 110100 – 110600 in Fairfield County; Tracts 541100 – 680100 in Middlesex County; Tracts 120100 – 194202 in New Haven County; Tracts 650100 – 660102 in New London County
Southwest	Tracts 010101 – 105200 in Fairfield County

Figure D8. DELAWARE – Substate Regions (defined in terms of counties)

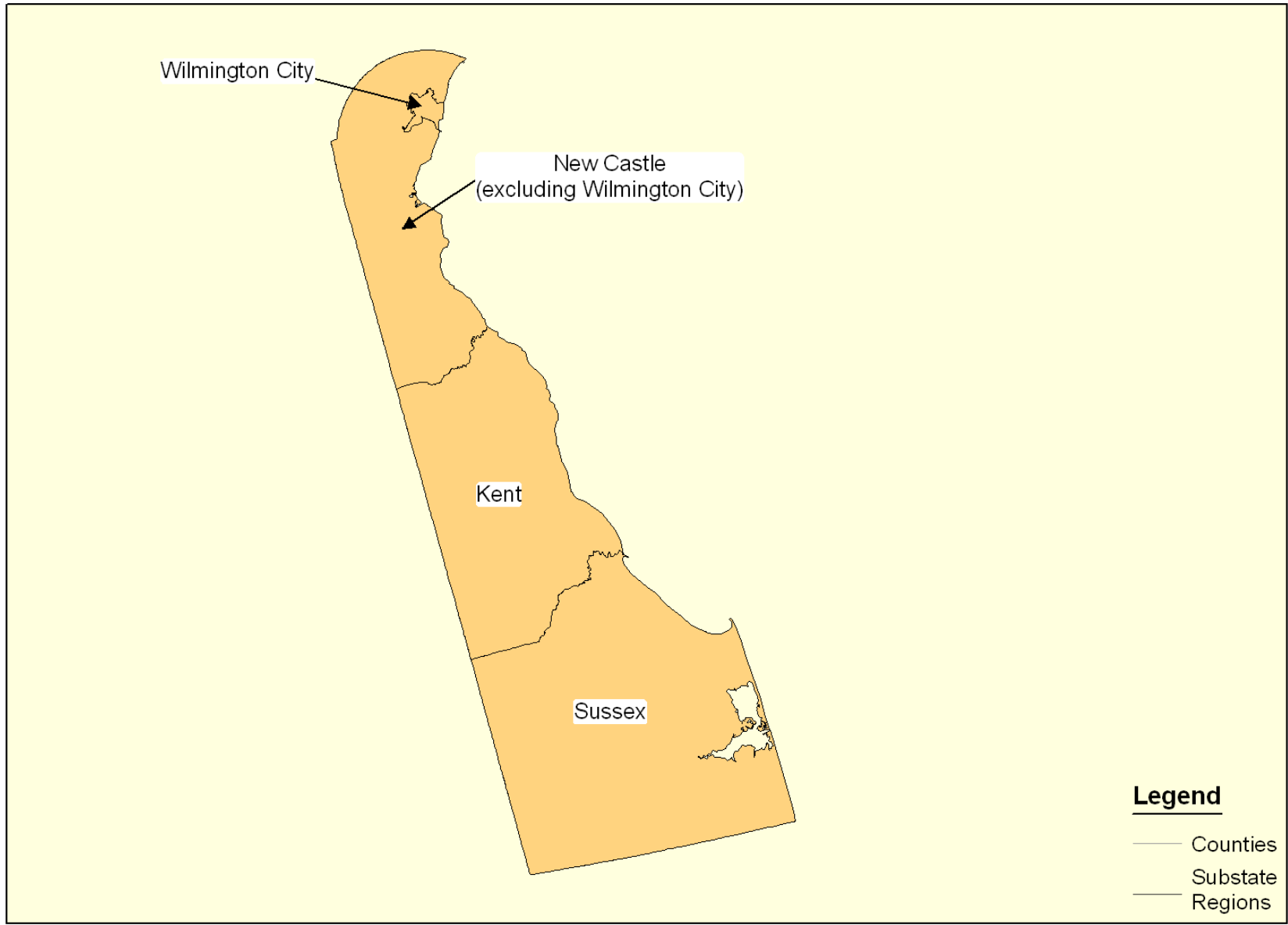


Table D8. DELAWARE – Substate Regions (defined in terms of counties)

<p>The State's Division of Alcoholism, Drug Abuse and Mental Health, Delaware Department of Health and Social Services, defines its planning regions in terms of the State's three counties, with the exception of Wilmington City and New Castle regions. The Wilmington City region (that lies in New Castle County) was defined based on all the census tracts that are either fully or partially contained in Wilmington City. The New Castle region (excluding Wilmington City) comprises all the tracts that are in New Castle County except those in the Wilmington City limits.</p>			
Kent	New Castle (excluding Wilmington City)	Sussex	Wilmington City
Kent	New Castle (excluding Wilmington City)	Sussex	Part of New Castle County (specified by tracts 000100 – 002700 and 012900)

Figure D9. DISTRICT OF COLUMBIA – Substate Regions (defined in terms of census tracts, specified by a 6-digit tract identifier)

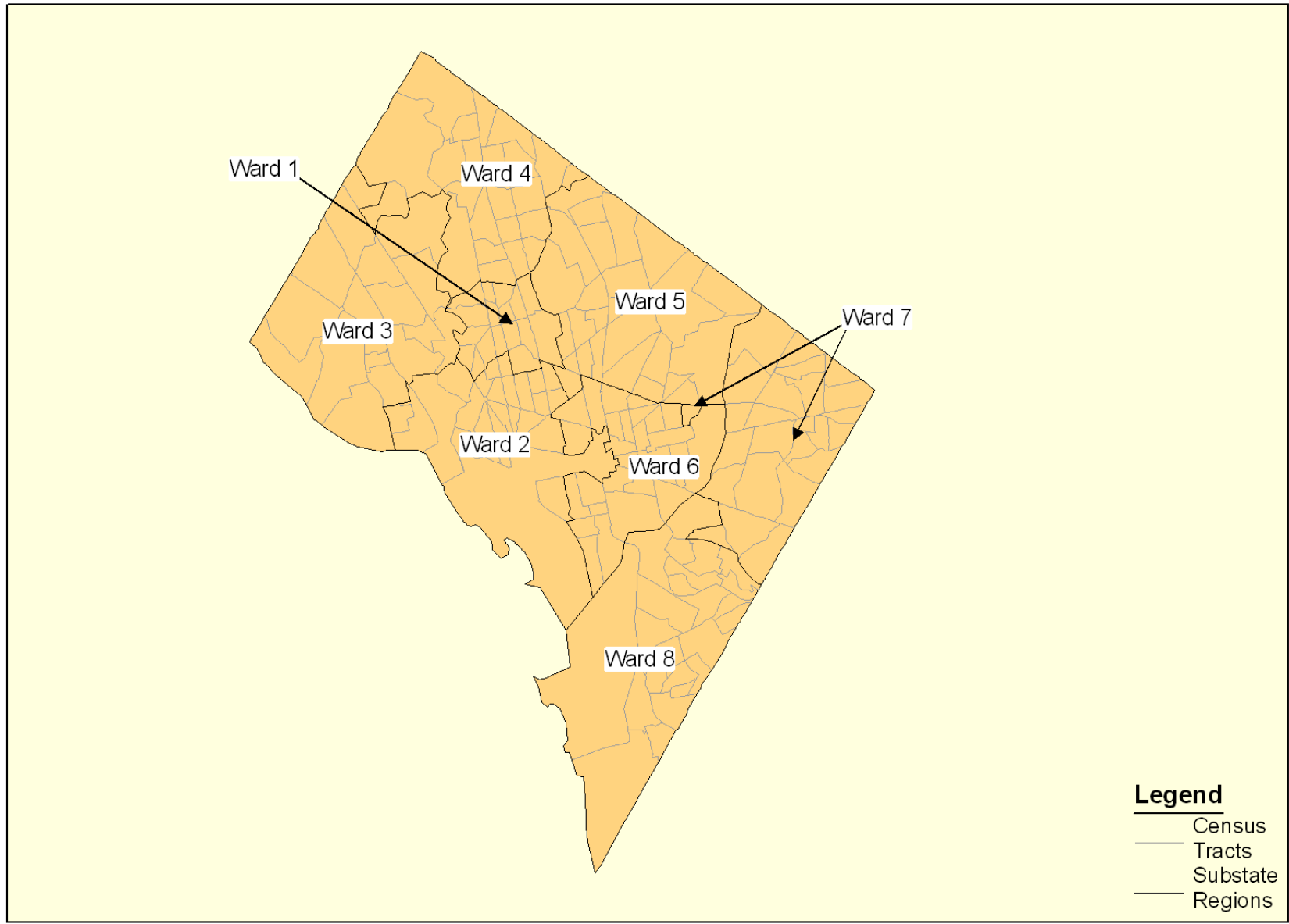


Table D9. DISTRICT OF COLUMBIA – Substate Regions (defined in terms of census tracts, specified by a 6-digit tract identifier)

The District of Columbia's Department of Operations, Addiction Prevention and Recovery Administration, indicated that wards could be used as substate regions. These wards can be described in terms of census tracts. If a tract overlapped ward boundaries, the tract was placed in the ward in which the majority of the tract fell. Ward 7 is made up of nonadjacent tracts.	
Ward 1	Tracts 002701 – 003200, 003400 – 004002, and 004400
Ward 2	Tracts 000100 – 000202, 004100 – 004300, 004801 – 005800, 006201, and 006202
Ward 3	Tracts 000300 – 001401
Ward 4	Tracts 001402 – 002301, 002400 – 002600, 009505, and 009507
Ward 5	Tracts 002302, 003301, 003302, 004600, 008701 – 009504, 009508, and 009509
Ward 6	Tracts 004700, 005900 – 006100, 006301 – 007200, 007901, and 008001 – 008600
Ward 7	Tracts 007603 – 007809, 007903, 009601 – 009604, and 009901 – 009907
Ward 8	Tracts 007301 – 007601 and 009700 – 009809

Figure D10. FLORIDA – Substate Regions (defined in terms of counties)

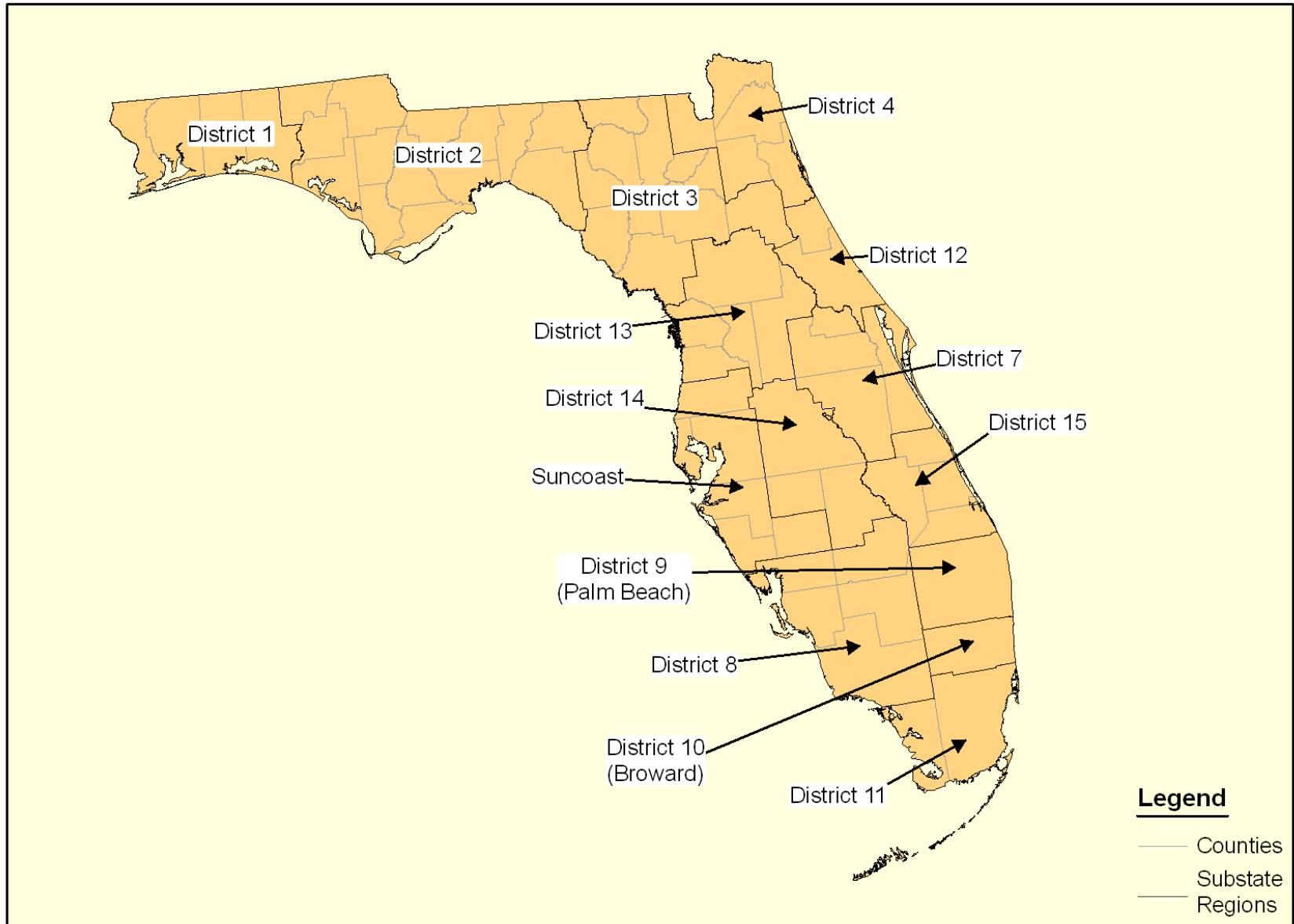


Table D10. FLORIDA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Substance Abuse Program Office, Florida Department of Children and Families, and are defined in terms of the State's 67 counties.						
District 1	District 2	District 3	District 4	District 7	District 8	District 9 (Palm Beach)
Escambia Okaloosa Santa Rosa Walton	Bay Calhoun Franklin Gadsden Gulf Holmes Jackson Jefferson Leon Liberty Madison Taylor Wakulla Washington	Alachua Bradford Columbia Dixie Gilchrist Hamilton Lafayette Levy Putnam Suwannee Union	Baker Clay Duval Nassau St. Johns	Brevard Orange Osceola Seminole	Charlotte Collier Glades Hendry Lee	Palm Beach
District 10 (Broward)	District 11	District 12	District 13	District 14	District 15	Suncoast
Broward	Miami-Dade Monroe	Flagler Volusia	Citrus Hernando Lake Marion Sumter	Hardee Highlands Polk	Indian River Martin Okeechobee St. Lucie	De Soto Hillsborough Manatee Pasco Pinellas Sarasota

Figure D11. GEORGIA – Substate Regions (defined in terms of counties)

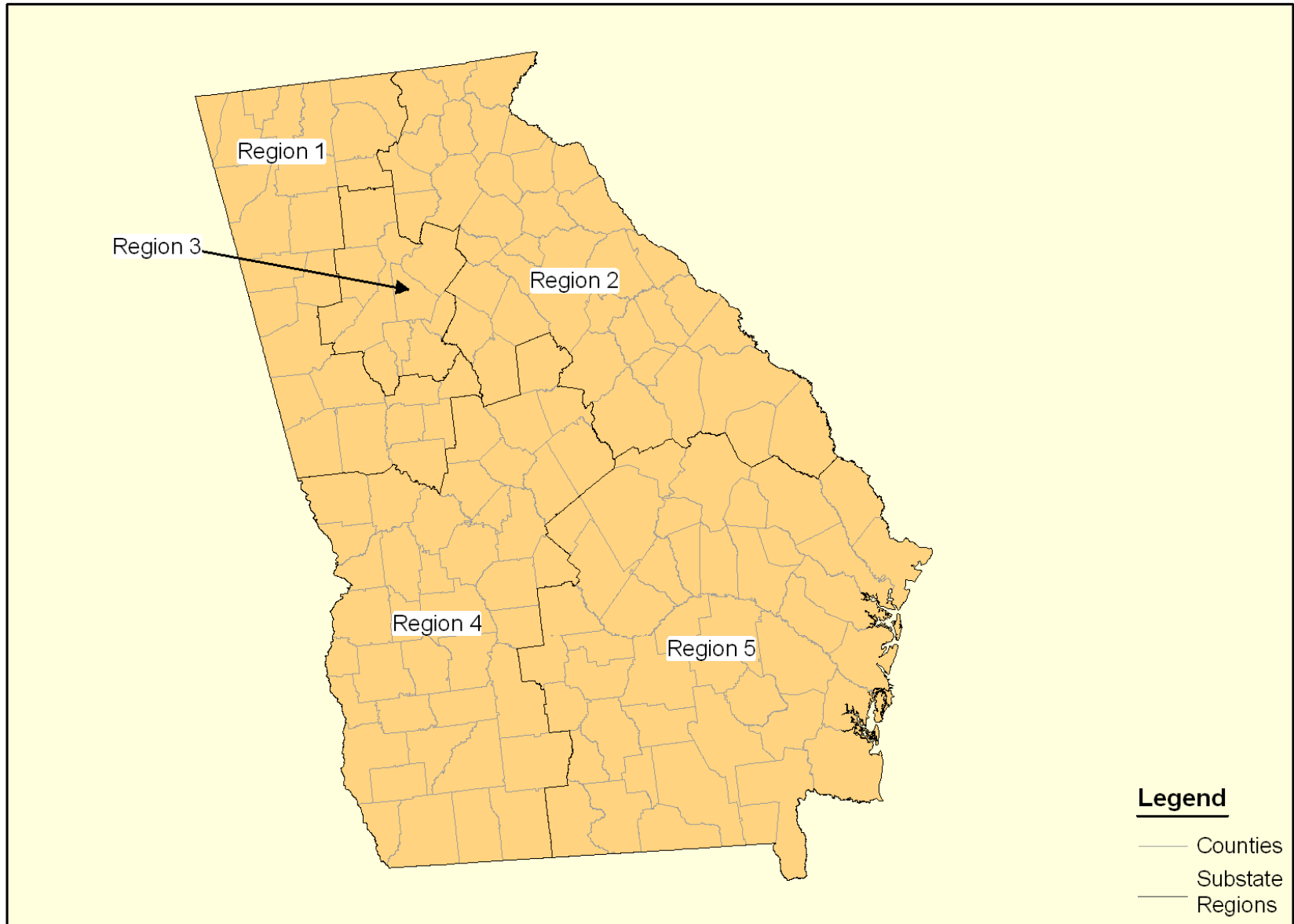
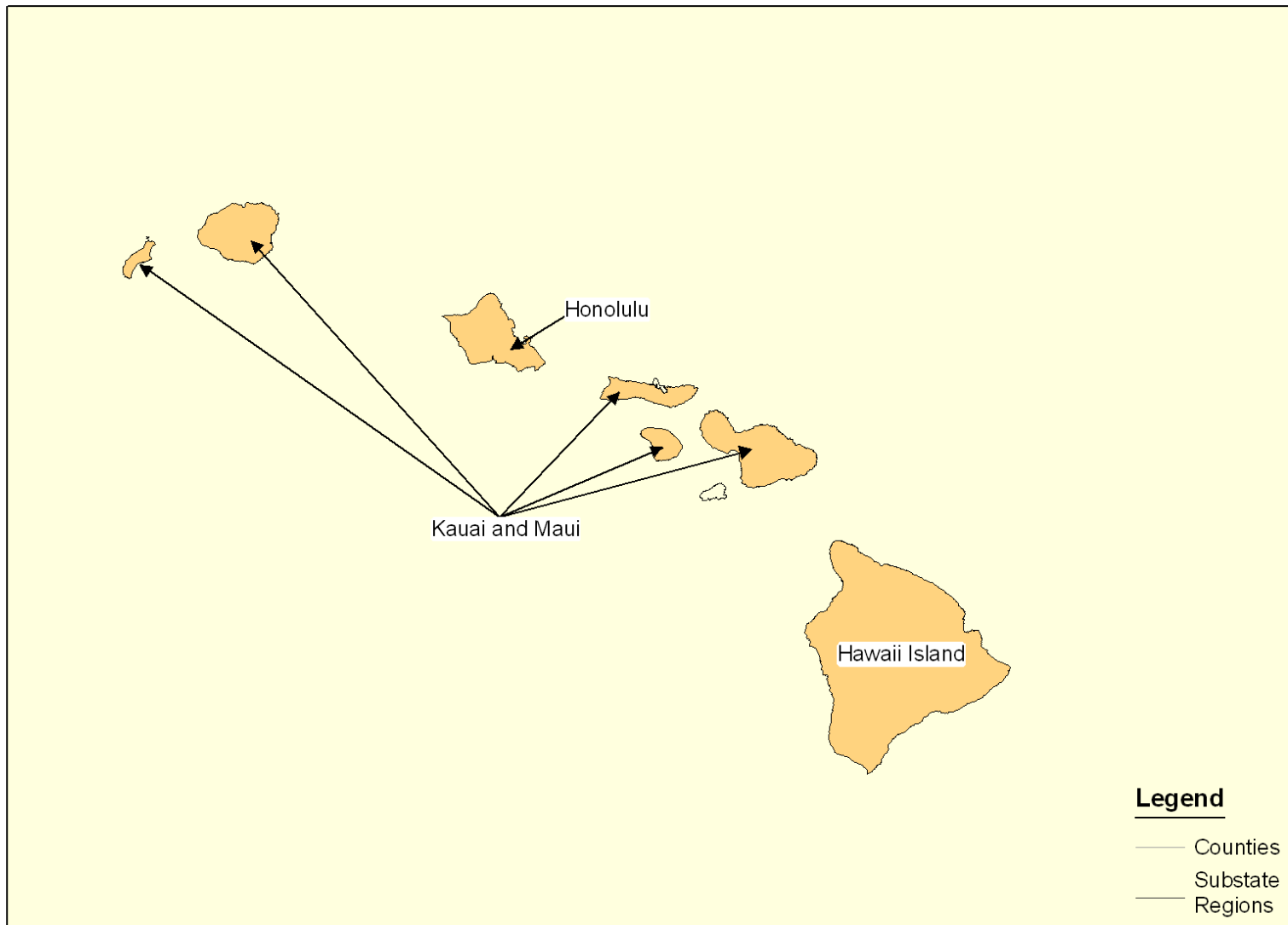


Table D11. GEORGIA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Georgia Department of Human Resources and are defined in terms of the State's 159 counties.							
Region 1	Region 2		Region 3	Region 4		Region 5	
Bartow	Banks	Oconee	Cherokee	Baker	Pulaski	Appling	Johnson
Butts	Barrow	Oglethorpe	Clayton	Baldwin	Putnam	Atkinson	Lanier
Carroll	Burke	Rabun	Cobb	Bibb	Quitman	Bacon	Laurens
Catoosa	Clarke	Richmond	De Kalb	Calhoun	Randolph	Ben Hill	Liberty
Chattooga	Columbia	Screven	Douglas	Chattahoochee	Schley	Berrien	Long
Coweta	Dawson	Stephens	Fayette	Clay	Seminole	Bleckley	Lowndes
Dade	Elbert	Taliaferro	Fulton	Colquitt	Stewart	Brantley	McIntosh
Fannin	Forsyth	Towns	Gwinnett	Crawford	Sumter	Brooks	Montgomery
Floyd	Franklin	Union	Henry	Crisp	Talbot	Bryan	Pierce
Gilmer	Glascok	Walton	Rockdale	Decatur	Taylor	Bulloch	Tattnall
Gordon	Greene	Warren		Dooly	Terrell	Camden	Telfair
Haralson	Habersham	Washington		Dougherty	Thomas	Candler	Tift
Heard	Hall	White		Early	Twiggs	Charlton	Toombs
Lamar	Hancock	Wilkes		Grady	Webster	Chatham	Treutlen
Meriwether	Hart			Harris	Wilkinson	Clinch	Turner
Murray	Jackson			Houston	Worth	Coffee	Ware
Paulding	Jasper			Jones		Cook	Wayne
Pickens	Jefferson			Lee		Dodge	Wheeler
Pike	Jenkins			Macon		Echols	Wilcox
Polk	Lincoln			Marion		Effingham	
Spalding	Lumpkin			Miller		Emanuel	
Troup	Madison			Mitchell		Evans	
Upson	McDuffie			Monroe		Glynn	
Walker	Morgan			Muscogee		Irwin	
Whitfield	Newton			Peach		Jeff Davis	

Figure D12. HAWAII – Substate Regions (defined in terms of counties)



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Note: Kalawao County and Kahoolawe Island are not considered part of the substate planning regions for Hawaii.

Table D12. HAWAII – Substate Regions (defined in terms of counties)

<p>The substate regions for Hawaii were defined in consultation with the State's Alcohol and Drug Abuse Division, Hawaii Department of Health. Hawaii's substate regions are defined in terms of the State's individual counties. Due to sample size constraints, Kauai and Maui were combined to form one substate region. Kalawao County and the island of Kahoolawee are not considered part of the substate planning regions for Hawaii.</p>		
Hawaii Island	Honolulu	Kauai and Maui
Hawaii	Honolulu	Kauai Maui

Figure D13. IDAHO – Substate Regions (defined in terms of counties)

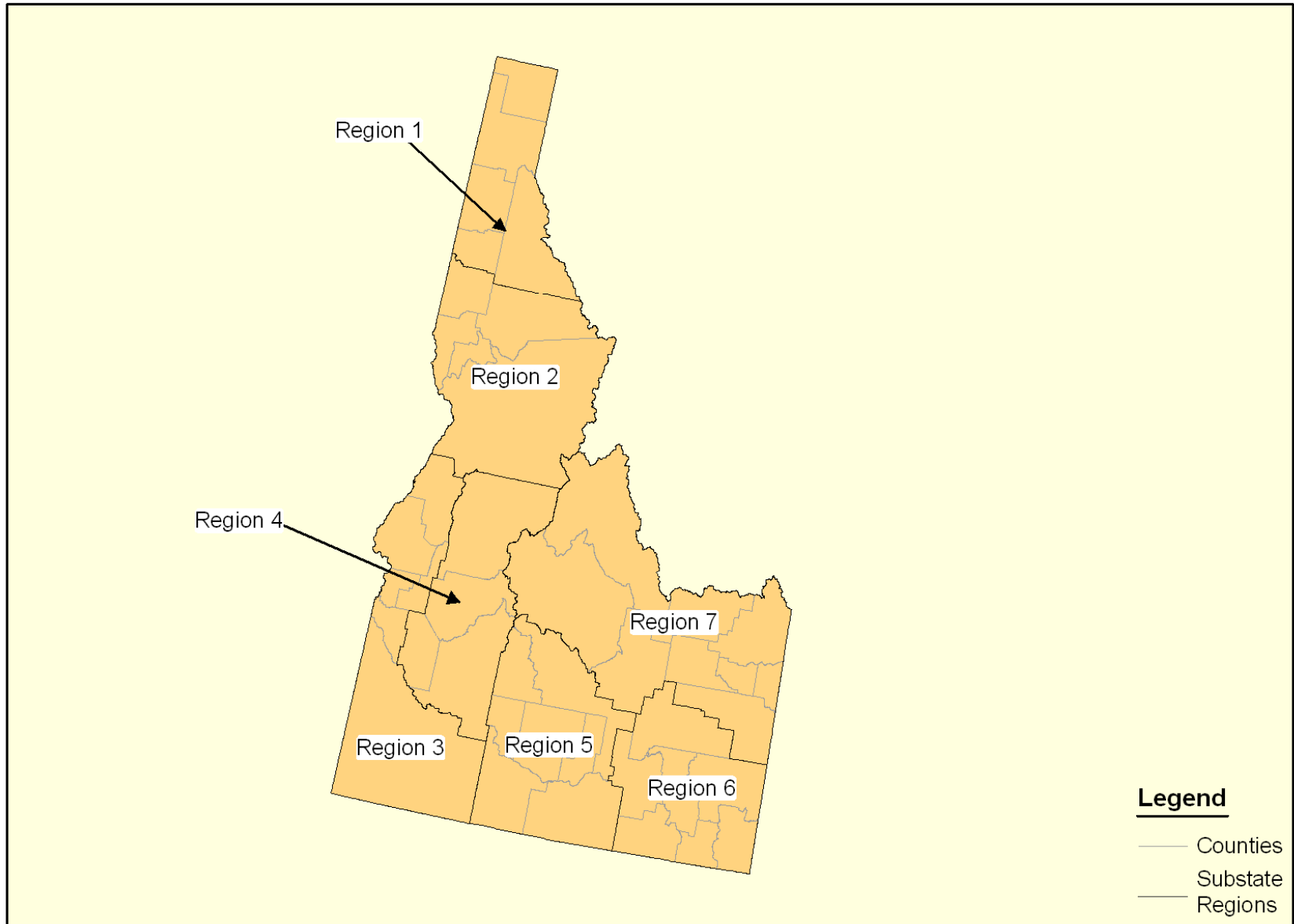


Table D13. IDAHO – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Bureau of Mental Health and Substance Abuse, Division of Family and Community Services, Idaho Department of Health and Welfare, and are defined in terms of the State's 44 counties.						
Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7
Benewah Bonner Boundary Kootenai Shoshone	Clearwater Idaho Latah Lewis Nez Perce	Adams Canyon Gem Owyhee Payette Washington	Ada Boise Elmore Valley	Blaine Camas Cassia Gooding Jerome Lincoln Minidoka Twin Falls	Bannock Bear Lake Bingham Caribou Franklin Oneida Power	Bonneville Butte Clark Custer Fremont Jefferson Lemhi Madison Teton

Figure D14. ILLINOIS – Substate Regions (defined in terms of counties)

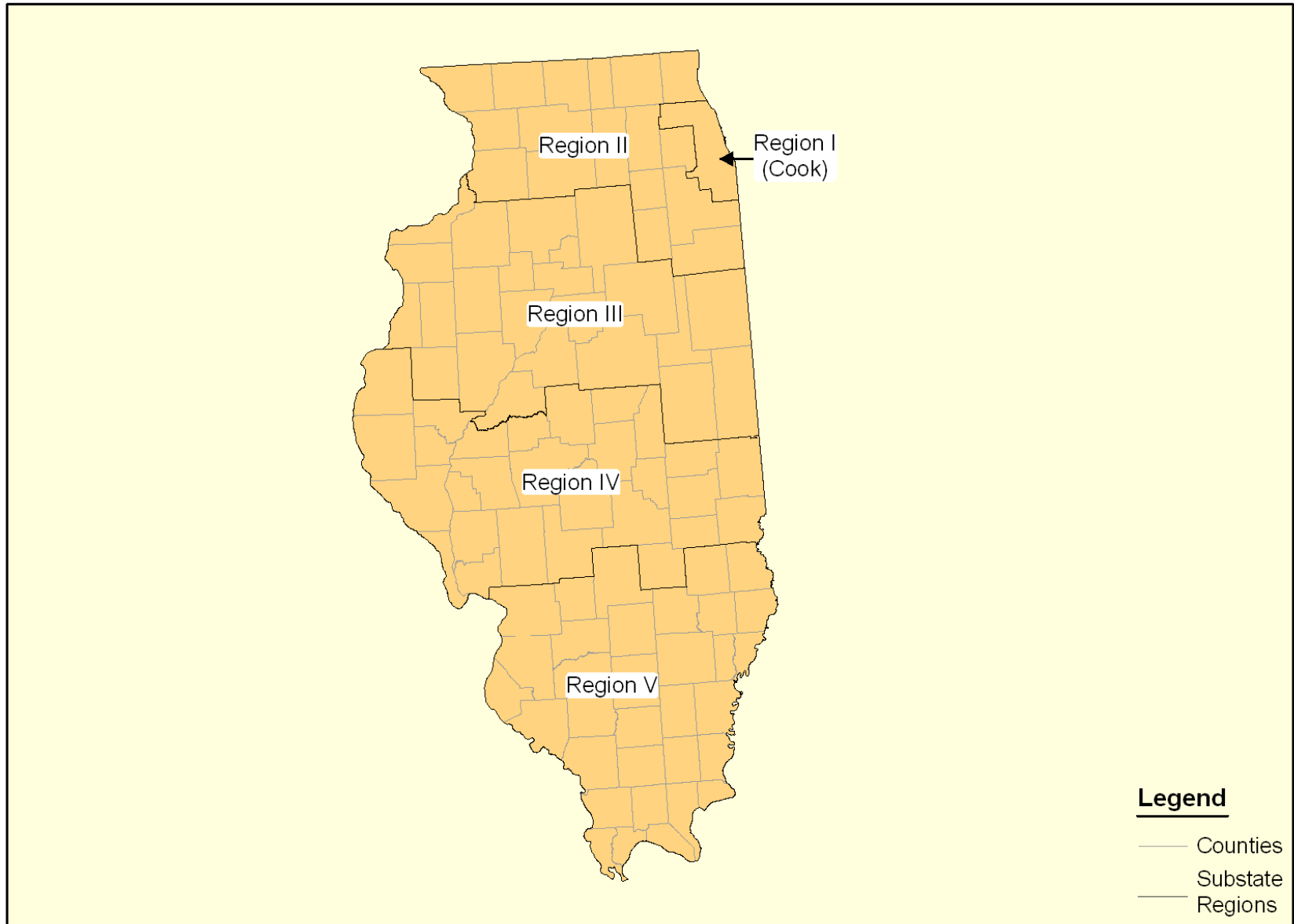


Table D14. ILLINOIS – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Illinois Department of Human Services and are defined in terms of the State's 102 counties.					
Region 1 (Cook)	Region II	Region III	Region IV	Region V	
Cook	Boone Carroll De Kalb Du Page Grundy Jo Daviess Kane Kankakee Kendall Lake Lee McHenry Ogle Stephenson Whiteside Will Winnebago	Bureau Champaign Ford Fulton Henderson Henry Iroquois Knox La Salle Livingston Marshall Mason McDonough McLean Mercer Peoria Putnam Rock Island Stark Tazewell Vermilion Warren Woodford	Adams Brown Calhoun Cass Christian Clark Coles Cumberland De Witt Douglas Edgar Effingham Greene Hancock Jersey Logan Macon Macoupin Menard Montgomery Morgan Moultrie Piatt Pike Sangamon Schuyler Scott Shelby	Alexander Bond Clay Clinton Crawford Edwards Fayette Franklin Gallatin Hamilton Hardin Jackson Jasper Jefferson Johnson Lawrence Madison Marion Massac Monroe Perry Pope Pulaski Randolph Richland Saline St. Clair Union	Wabash Washington Wayne White Williamson

Figure D15. INDIANA – Substate Regions (defined in terms of counties)

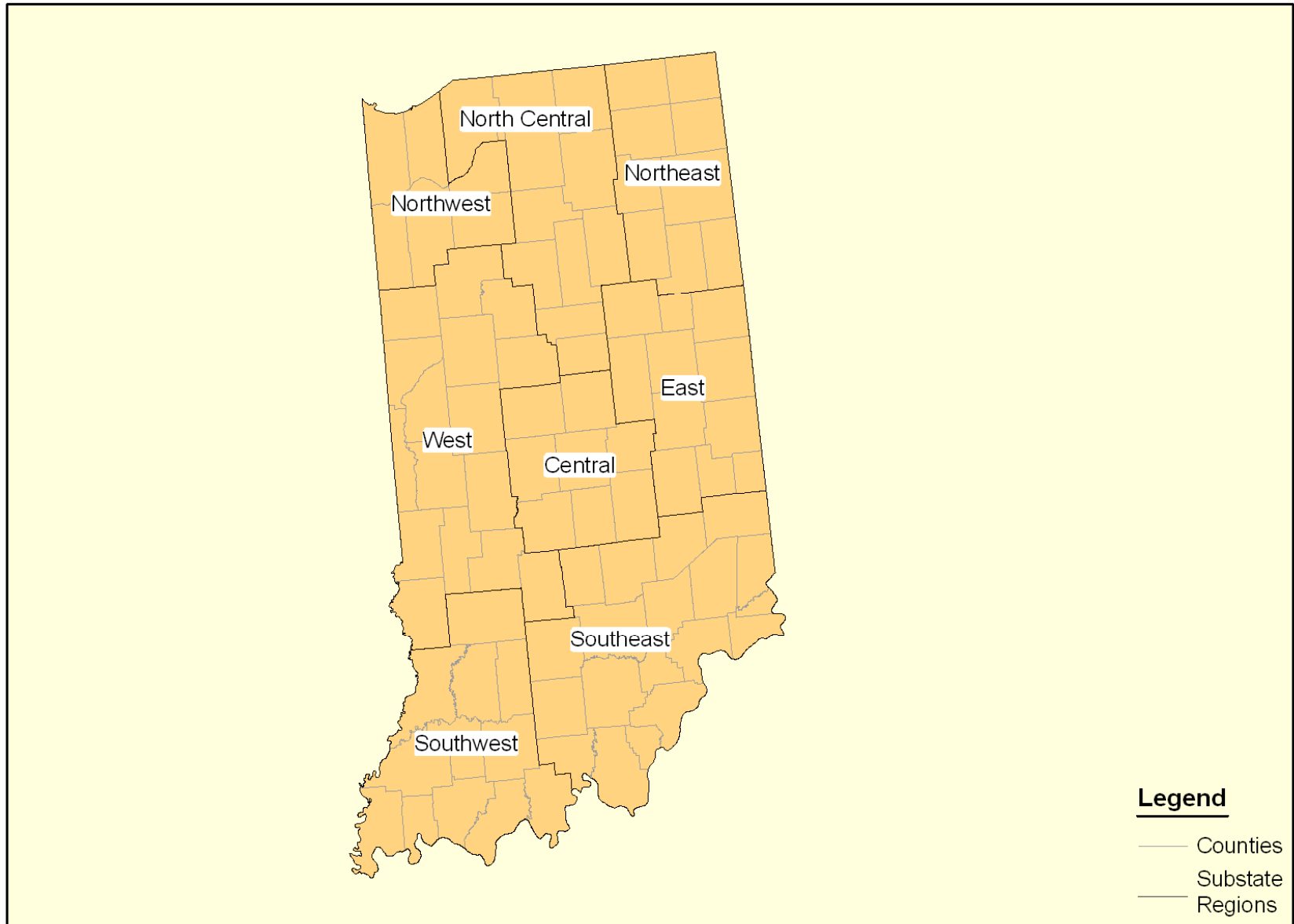


Table D15. INDIANA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Division of Mental Health, Indiana Family and Social Services Administration, and are defined in terms of the State's 92 counties.							
Central	East	North Central	Northeast	Northwest	Southeast	Southwest	West
Boone	Blackford	Cass	Adams	Jasper	Bartholomew	Daviess	Benton
Hamilton	Delaware	Elkhart	Allen	Lake	Brown	Dubois	Carroll
Hancock	Fayette	Fulton	De Kalb	Newton	Clark	Gibson	Clay
Hendricks	Grant	Howard	Huntington	Porter	Crawford	Greene	Clinton
Johnson	Henry	Kosciusko	LaGrange	Pulaski	Dearborn	Knox	Fountain
Marion	Jay	La Porte	Noble	Starke	Decatur	Martin	Monroe
Morgan	Madison	Marshall	Steuben		Floyd	Perry	Montgomery
Shelby	Randolph	Miami	Wells		Franklin	Pike	Owen
	Rush	St. Joseph	Whitley		Harrison	Posey	Parke
	Union	Tipton			Jackson	Spencer	Putnam
	Wayne	Wabash			Jefferson	Vanderburgh	Sullivan
					Jennings	Warrick	Tippecanoe
					Lawrence		Vermillion
					Ohio		Vigo
					Orange		Warren
					Ripley		White
					Scott		
					Switzerland		
					Washington		

Figure D16. IOWA – Substate Regions (defined in terms of counties)

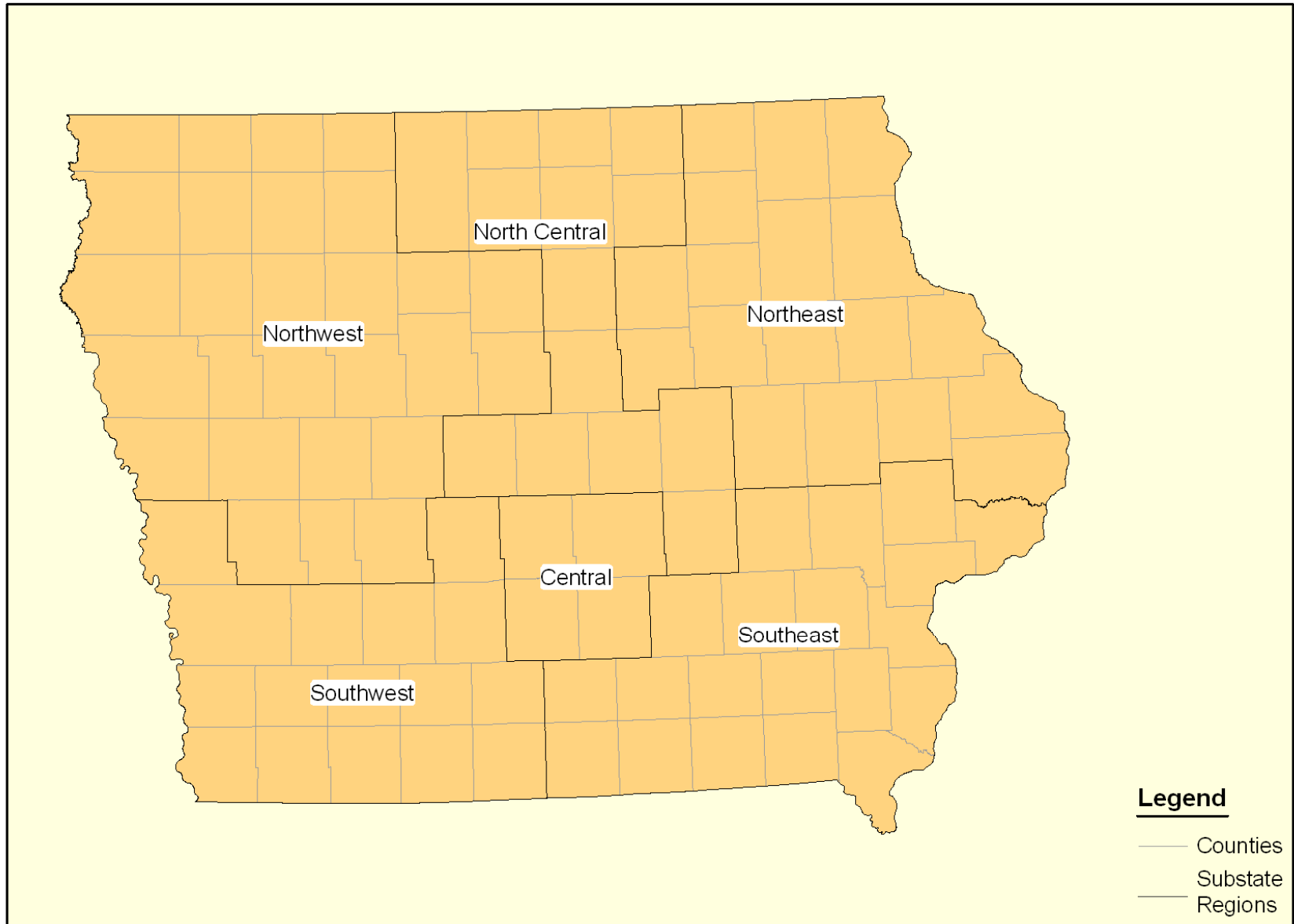


Table D16. IOWA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Division of Health Promotion, Prevention and Addictive Behaviors, Iowa Department of Public Health, and are defined in terms of the State's 99 counties.					
Central	North Central	Northeast	Northwest	Southeast	Southwest
Jasper	Boone	Allamakee	Audubon	Appanoose	Adair
Marion	Cerro Gordo	Benton	Buena Vista	Cedar	Adams
Polk	Floyd	Black Hawk	Calhoun	Davis	Cass
Warren	Franklin	Bremer	Carroll	Des Moines	Clarke
	Hancock	Buchanan	Cherokee	Henry	Dallas
	Hardin	Butler	Clay	Iowa	Decatur
	Kossuth	Chickasaw	Crawford	Jefferson	Fremont
	Marshall	Clayton	Dickinson	Johnson	Harrison
	Mitchell	Clinton	Emmet	Keokuk	Madison
	Poweshiek	Delaware	Greene	Lee	Mills
	Story	Dubuque	Guthrie	Louisa	Montgomery
	Tama	Fayette	Hamilton	Lucas	Page
	Winnebago	Grundy	Humboldt	Mahaska	Pottawattamie
	Worth	Howard	Ida	Monroe	Ringgold
		Jackson	Lyon	Muscatine	Taylor
		Jones	Monona	Scott	Union
		Linn	O'Brien	Van Buren	
		Winneshiek	Osceola	Wapello	
			Palo Alto	Washington	
			Plymouth	Wayne	
			Pocahontas		
			Sac		
			Shelby		
			Sioux		
			Webster		
			Woodbury		
			Wright		

Figure D17. KANSAS – Substate Regions (defined in terms of counties)

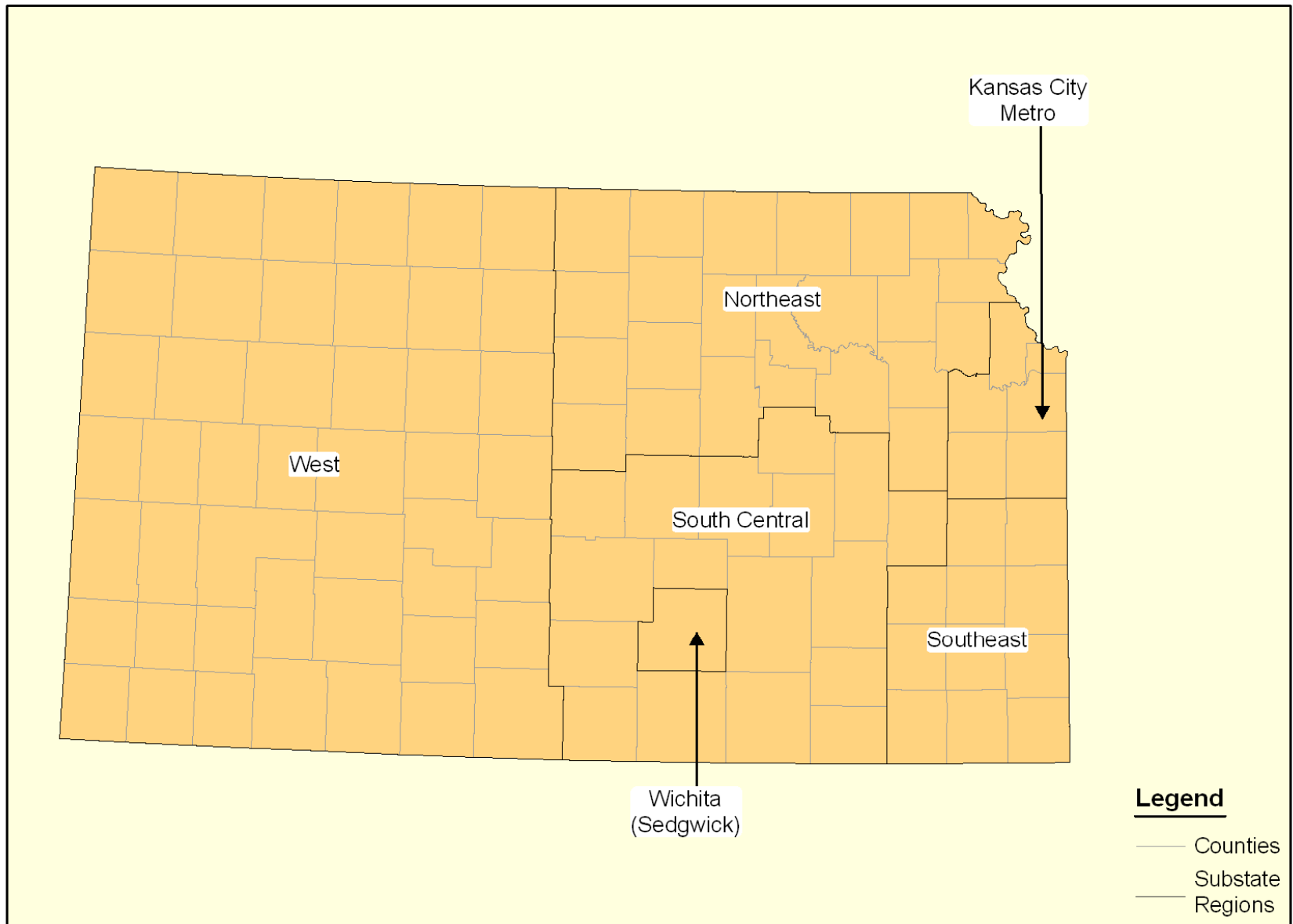


Table D17. KANSAS – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Addiction and Prevention Services, Kansas Department of Social and Rehabilitation Services, and are defined in terms of the State's 105 counties.

Kansas City Metro	Northeast	South Central	Southeast	West		Wichita (Sedgwick)
Douglas	Atchison	Butler	Allen	Barber	Morton	Sedgwick
Franklin	Brown	Chase	Anderson	Barton	Ness	
Johnson	Clay	Chautauqua	Bourbon	Cheyenne	Norton	
Leavenworth	Cloud	Coffey	Cherokee	Clark	Osborne	
Miami	Dickinson	Cowley	Crawford	Comanche	Pawnee	
Wyandotte	Doniphan	Elk	Labette	Decatur	Phillips	
	Ellsworth	Greenwood	Linn	Edwards	Pratt	
	Geary	Harper	Montgomery	Ellis	Rawlins	
	Jackson	Harvey	Neosho	Finney	Rooks	
	Jefferson	Kingman	Wilson	Ford	Rush	
	Jewell	Lyon	Woodson	Gove	Russell	
	Lincoln	Marion		Graham	Scott	
	Marshall	McPherson		Grant	Seward	
	Mitchell	Morris		Gray	Sheridan	
	Nemaha	Reno		Greeley	Sherman	
	Osage	Rice		Hamilton	Smith	
	Ottawa	Sumner		Haskell	Stafford	
	Pottawatomie			Hodgeman	Stanton	
	Republic			Kearny	Stevens	
	Riley			Kiowa	Thomas	
	Saline			Lane	Trego	
	Shawnee			Logan	Wallace	
	Wabaunsee			Meade	Wichita	
	Washington					

Figure D18. KENTUCKY – Substate Regions (defined in terms of counties)

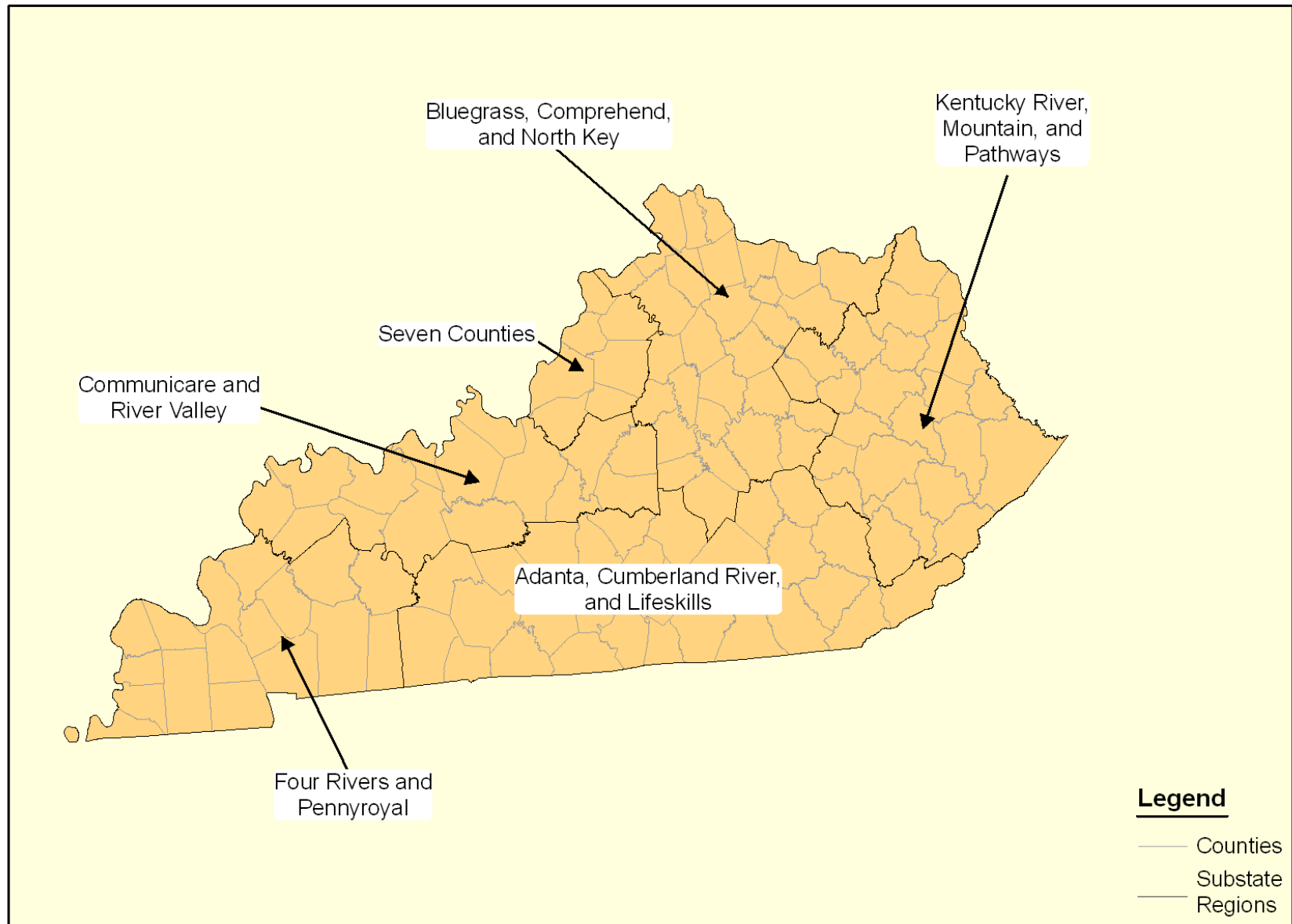


Table D18. KENTUCKY – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Kentucky Division of Mental Health and Substance Abuse and are defined in terms of the State's 120 counties.

Adanta, Cumberland River, and Lifeskills		Bluegrass, Comprehend, and North Key		Communicare and River Valley	Four Rivers and Pennyroyal	Kentucky River, Mountain, and Pathways		Seven Counties
<u>Adanta</u>	<u>Lifeskills</u>	<u>Bluegrass</u>	<u>Comprehend</u>	<u>Communicare</u>	<u>Four Rivers</u>	<u>Kentucky River</u>	<u>Pathways</u>	Bullitt
Adair	Allen	Anderson	Bracken	Breckinridge	Ballard	Breathitt	Bath	Henry
Casey	Barren	Bourbon	Fleming	Grayson	Calloway	Knott	Boyd	Jefferson
Clinton	Butler	Boyle	Lewis	Hardin	Carlisle	Lee	Carter	Oldham
Cumberland	Edmonson	Clark	Mason	Larue	Fulton	Leslie	Elliott	Shelby
Green	Hart	Estill	Robertson	Marion	Graves	Letcher	Greenup	Spencer
McCreary	Logan	Fayette		Meade	Hickman	Owsley	Lawrence	Trimble
Pulaski	Metcalfe	Franklin	<u>North Key</u>	Nelson	Livingston	Perry	Menifee	
Russell	Monroe	Garrard	Boone	Washington	Marshall	Wolfe	Montgomery	
Taylor	Simpson	Harrison	Campbell		McCracken		Morgan	
Wayne	Warren	Jessamine	Carroll	<u>River Valley</u>		<u>Mountain</u>	Rowan	
		Lincoln	Gallatin	Daviess	<u>Pennyroyal</u>	Floyd		
<u>Cumberland</u>		Madison	Grant	Hancock	Caldwell	Johnson		
<u>River</u>		Mercer	Kenton	Henderson	Christian	Magoffin		
Bell		Nicholas	Owen	McLean	Crittenden	Martin		
Clay		Powell	Pendleton	Ohio	Hopkins	Pike		
Harlan		Scott		Union	Lyon			
Jackson		Woodford		Webster	Muhlenberg			
Knox					Todd			
Laurel					Trigg			
Rockcastle								
Whitley								

Figure D19. LOUISIANA – Substate Regions (defined in terms of parishes)

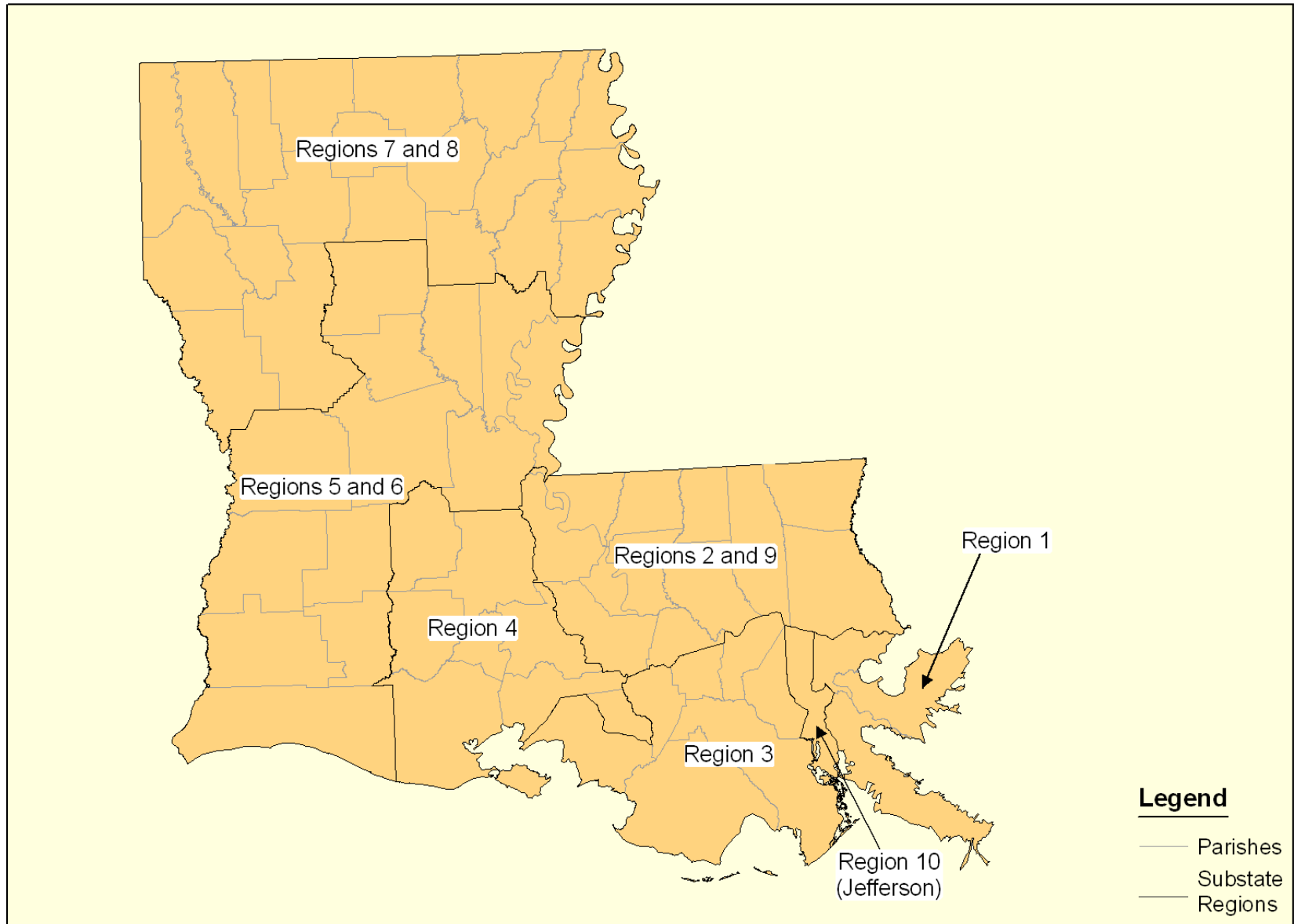


Table D19. LOUISIANA – Substate Regions (defined in terms of parishes)

The substate regions defined here were provided by the State's Office for Addictive Disorders, Louisiana Department of Health and Hospitals, and are defined in terms of the State's 64 parishes.						
Region 1	Regions 2 and 9	Region 3	Region 4	Regions 5 and 6	Regions 7 and 8	Region 10 (Jefferson)
Orleans Plaquemines St. Bernard	<u>Region 2</u> Ascension East Baton Rouge East Feliciana Iberville Pointe Coupee West Baton Rouge West Feliciana <u>Region 9</u> Livingston St. Helena St. Tammany Tangipahoa Washington	Assumption Lafourche St. Charles St. James St. John the Baptist St. Mary Terrebonne	Acadia Evangeline Iberia Lafayette St. Landry St. Martin Vermilion	<u>Region 5</u> Allen Beauregard Calcasieu Cameron Jefferson Davis <u>Region 6</u> Avoyelles Catahoula Concordia Grant La Salle Rapides Vernon Winn	<u>Region 7</u> Bienville Bossier Caddo Claiborne De Soto Natchitoches Red River Sabine Webster <u>Region 8</u> Caldwell East Carroll Franklin Jackson Lincoln Madison Morehouse Ouachita Richland Tensas Union West Carroll	Jefferson

Figure D20. MAINE – Substate Regions (defined in terms of counties)

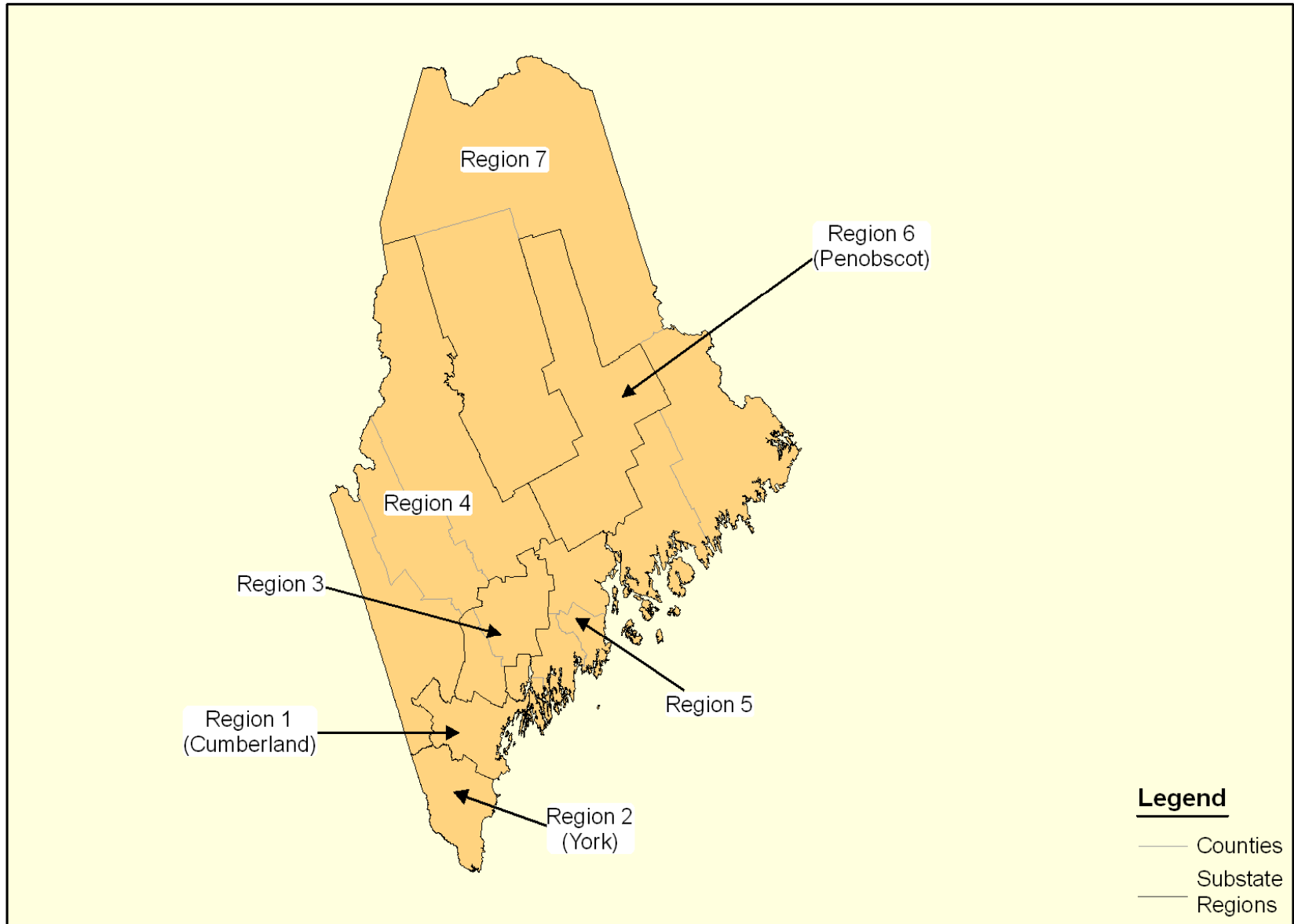


Table D20. MAINE – Substate Regions (defined in terms of counties)

<p>The substate regions defined here were obtained from the State's Office of Substance Abuse, Maine Department of Health and Human Services, and are defined in terms of the State's 16 counties. As per the State's request, estimates for seven substate regions along with three aggregate planning areas (Planning Areas 1, 2, and 3) and maps showing all seven regions are being produced.</p>						
Planning Area 1		Planning Area 2			Planning Area 3	
Region 1 (Cumberland)	Region 2 (York)	Region 3	Region 4	Region 5	Region 6 (Penobscot)	Region 7
Cumberland	York	Androscoggin Kennebec	Franklin Oxford Somerset	Knox Lincoln Sagadahoc Waldo	Penobscot	Aroostook Hancock Piscataquis Washington

Figure D21. MARYLAND – Substate Regions (defined in terms of counties)

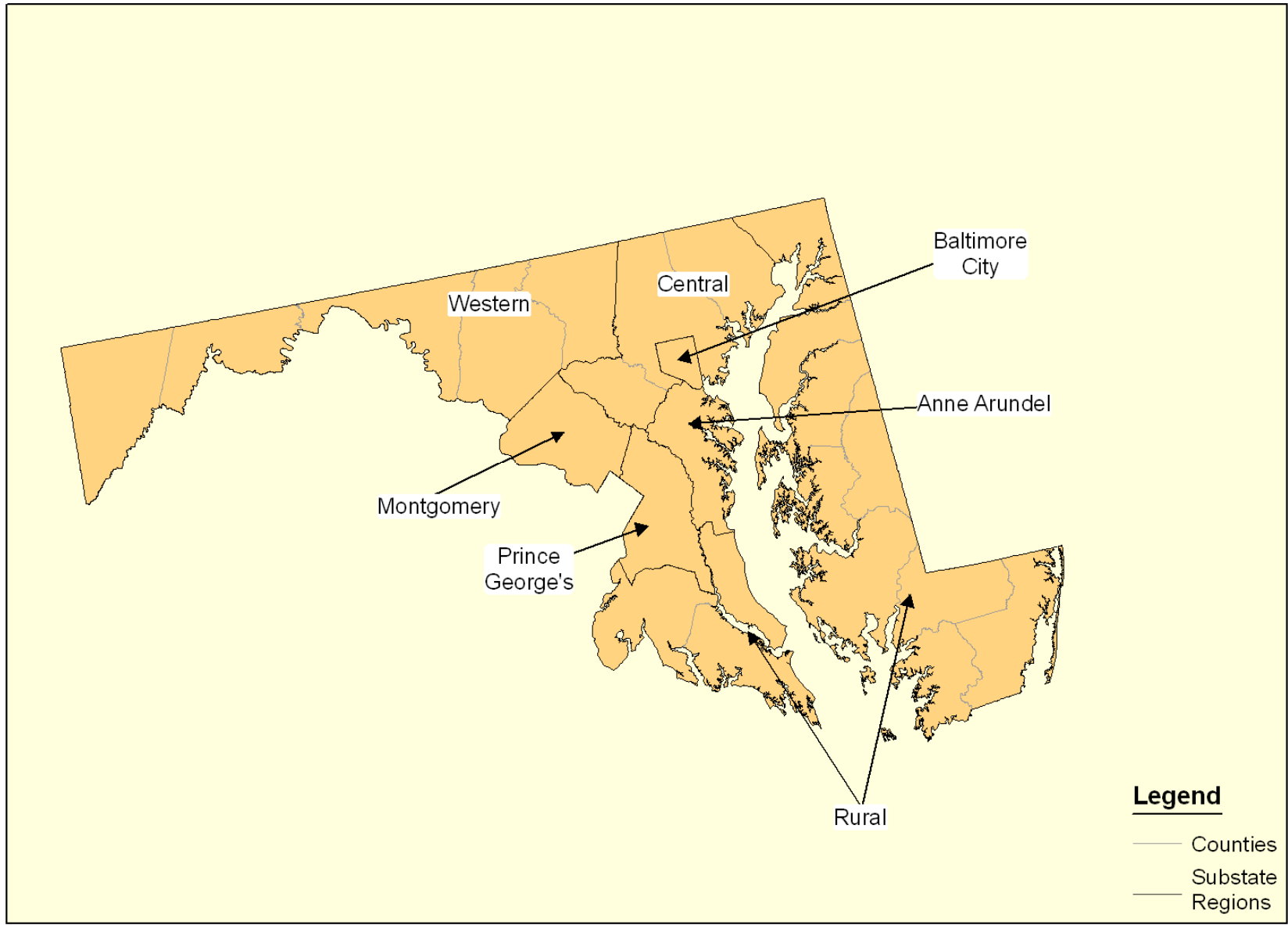


Table D21. MARYLAND – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Alcohol and Drug Abuse Administration, Maryland Department of Health and Mental Hygiene, and are defined in terms of the State's 23 counties and the City of Baltimore.						
Anne Arundel	Baltimore City	Central	Montgomery	Prince George's	Rural	Western
Anne Arundel	Baltimore City	Baltimore Harford Howard	Montgomery	Prince George's	Calvert Caroline Cecil Charles Dorchester Kent Queen Anne's St. Mary's Somerset Talbot Wicomico Worcester	Allegany Carroll Frederick Garrett Washington

Figure D22. MASSACHUSETTS – Substate Regions (defined in terms of census tracts, specified by a 6-digit tract identifier)

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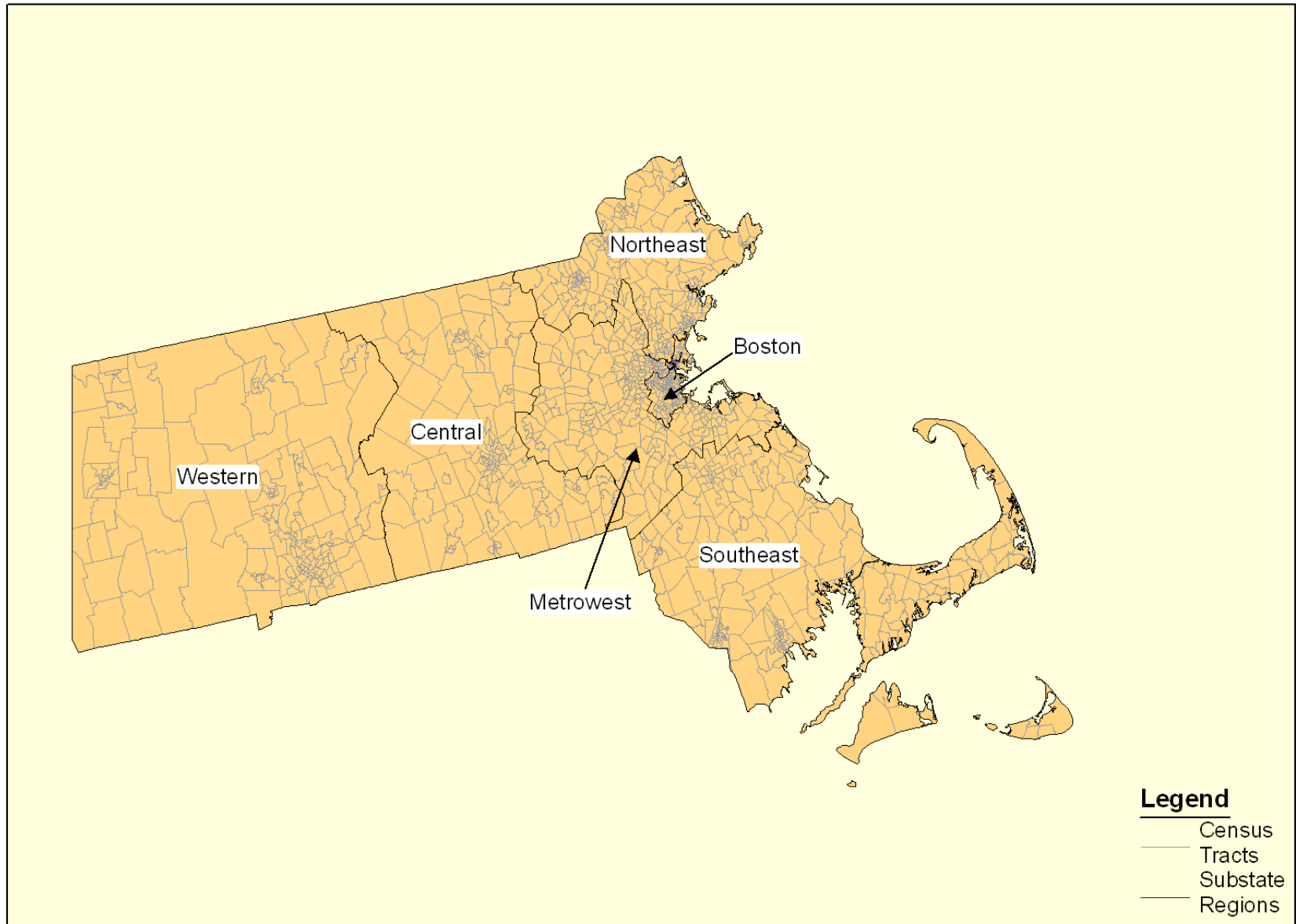


Table D22. MASSACHUSETTS – Substate Regions (defined in terms of census tracts, specified by a 6-digit tract identifier)

The substate regions defined here are based on information provided by the State's Bureau of Substance Abuse Services, Massachusetts Department of Public Health, and are defined in terms of census tracts within the State's 14 counties.	
Boston	Tracts 400100 – 401200 in Norfolk County; Tracts 000100 – 180500 in Suffolk County
Central	Tracts 813800 in Hampden County; Tracts 300100 – 302200 and 325100 – 327103 in Middlesex County; Tracts 408101, 408102, and 442101 – 443102 in Norfolk County; Tracts 700100 – 702200, 705100 – 739500, and 743100 – 761100 in Worcester County
Metrowest	Tracts 320101 – 324100, 331101 – 333600, 338100 – 338500, and 350100 – 388100 in Middlesex County; Tracts 402101 – 407100, 409101 – 420302, and 422100 – 441202 in Norfolk County; Tracts 500101 – 501202 and 504101 – 505200 in Plymouth County; Tracts 740101 – 742400 in Worcester County
Northeast	Tracts 201100 – 270100 in Essex County; Tracts 310100 – 318400, 328100 – 330200, 334100 – 337300, and 339100 – 342600 in Middlesex County
Southeast	Tracts 010100 – 015200 in Barnstable County; Tracts 600100 – 655400 in Bristol County; Tracts 200100 – 200400 in Dukes County; Tracts 950100 – 950500 in Nantucket County; Tracts 421100, 421200, and 456101 – 457100 in Norfolk County; Tracts 502101 – 503102 and 506101 – 561100 in Plymouth County
Western	Tracts 900100 – 935100 in Berkshire County; Tracts 040100 – 041500 in Franklin County; Tracts 800100 – 813700 in Hampden County; Tracts 820101 – 822700 in Hampshire County; Tracts 703100 – 704200 in Worcester County

Figure D23. MICHIGAN – Substate Regions (defined in terms of counties)



Table D23. MICHIGAN – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Bureau of Substance Abuse and Addiction Services, Michigan Department of Community Health. All substate regions for Michigan were defined in terms of the State's 83 counties, with the exception of the Detroit City and Southeast regions. The Detroit City region (that lies in Wayne County) was defined based on all of the census tracts that are either fully or partially contained in Detroit City. The Southeast region comprises Monroe County and all the tracts that are in Wayne County (except those in the Detroit City limits). Some substate regions for Michigan are defined in terms of nonadjacent counties.

Bay	Detroit City	Genesee	Kalamazoo	Kent	Lakeshore	Macomb	Mid South	
Arenac Bay Huron Montcalm Shiawassee Tuscola	Part of Wayne County (specified by tracts 500100 – 546900 and 551600)	Genesee	Barry Branch Kalamazoo St. Joseph Van Buren	Kent	Allegan Berrien Cass Muskegon Ottawa	Macomb	Calhoun Clinton Eaton Graftiot Hillsdale Ingham Ionia Jackson Lenawee Newaygo	
Northern		Oakland	Pathways	Saginaw	Southeast	St. Clair	Washtenaw	Western
Alcona Alpena Antrim Benzie Charlevoix Cheboygan Clare Crawford Emmet Gladwin Grand Traverse Iosco Isabella Kalkaska Lake	Leelanau Manistee Mason Mecosta Midland Missaukee Montmorency Oceana Ogemaw Osceola Oscoda Otsego Presque Isle Roscommon Wexford	Oakland	Alger Chippewa Delta Luce Mackinac Marquette Menominee Schoolcraft	Saginaw	Monroe Wayne (excluding Detroit City)	Lapeer Sanilac St. Clair	Livingston Washtenaw	Baraga Dickinson Gogebic Houghton Iron Keweenaw Ontonagon

Figure D24. MINNESOTA – Substate Regions (defined in terms of counties)

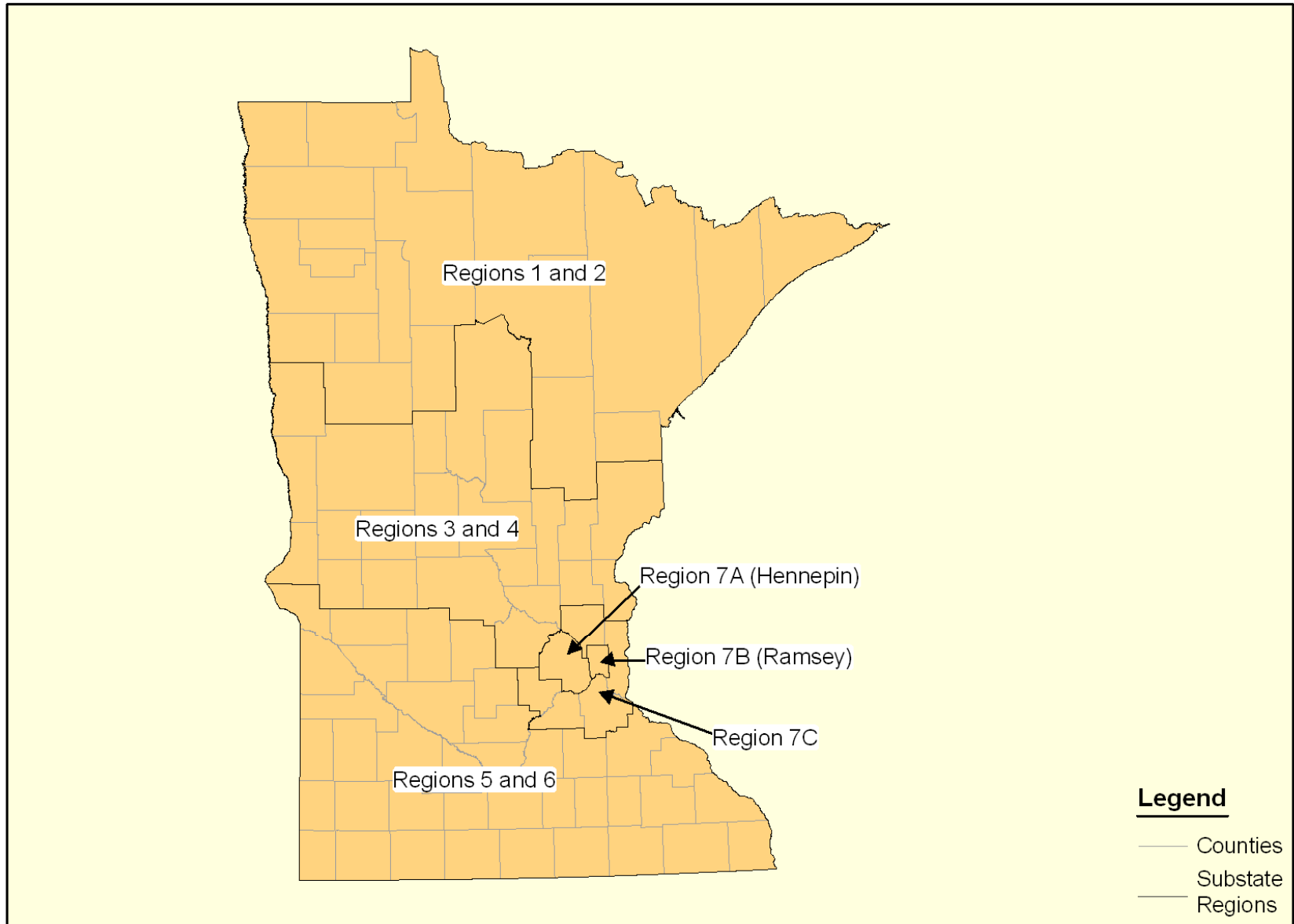


Table D24. MINNESOTA – Substate Regions (defined in terms of counties)

The substate planning regions for Minnesota were defined in consultation with the Minnesota Department of Human Services and are defined in terms of the State's 87 counties. These regions were defined such that they are nested within the metropolitan and nonmetropolitan areas for the State.

Regions 1 and 2		Regions 3 and 4		Regions 5 and 6		Region 7A (Hennepin)	Region 7B (Ramsey)	Region 7C
<u>Region 1</u>	<u>Region 2</u>	<u>Region 3</u>	<u>Region 4</u>	<u>Region 5</u>	<u>Region 6</u>	Hennepin	Ramsey	Anoka Carver Dakota Scott Washington
Becker	Aitkin	Cass	Benton	Big Stone	Dodge			
Beltrami	Carlton	Clay	Chisago	Blue Earth	Fillmore			
Clearwater	Cook	Crow Wing	Isanti	Brown	Freeborn			
Hubbard	Itasca	Douglas	Kanabec	Chippewa	Goodhue			
Kittson	Koochiching	Grant	Mille Lacs	Cottonwood	Houston			
Lake of the Woods	Lake	Otter Tail	Morrison	Faribault	Mower			
Mahnomen	St. Louis	Pope	Pine	Jackson	Olmsted			
Marshall		Stevens	Sherburne	Kandiyohi	Rice			
Norman		Todd	Stearns	Lac qui Parle	Steele			
Pennington		Traverse	Wright	Le Sueur	Wabasha			
Polk		Wadena		Lincoln	Winona			
Red Lake		Wilkin		Lyon				
Roseau				Martin				
				McLeod				
				Meeker				
				Murray				
				Nicollet				
				Nobles				
				Pipestone				
				Redwood				
				Renville				
				Rock				
				Sibley				
				Swift				
				Waseca				
				Watonwan				
				Yellow Medicine				

Figure D25. MISSISSIPPI – Substate Regions (defined in terms of counties)

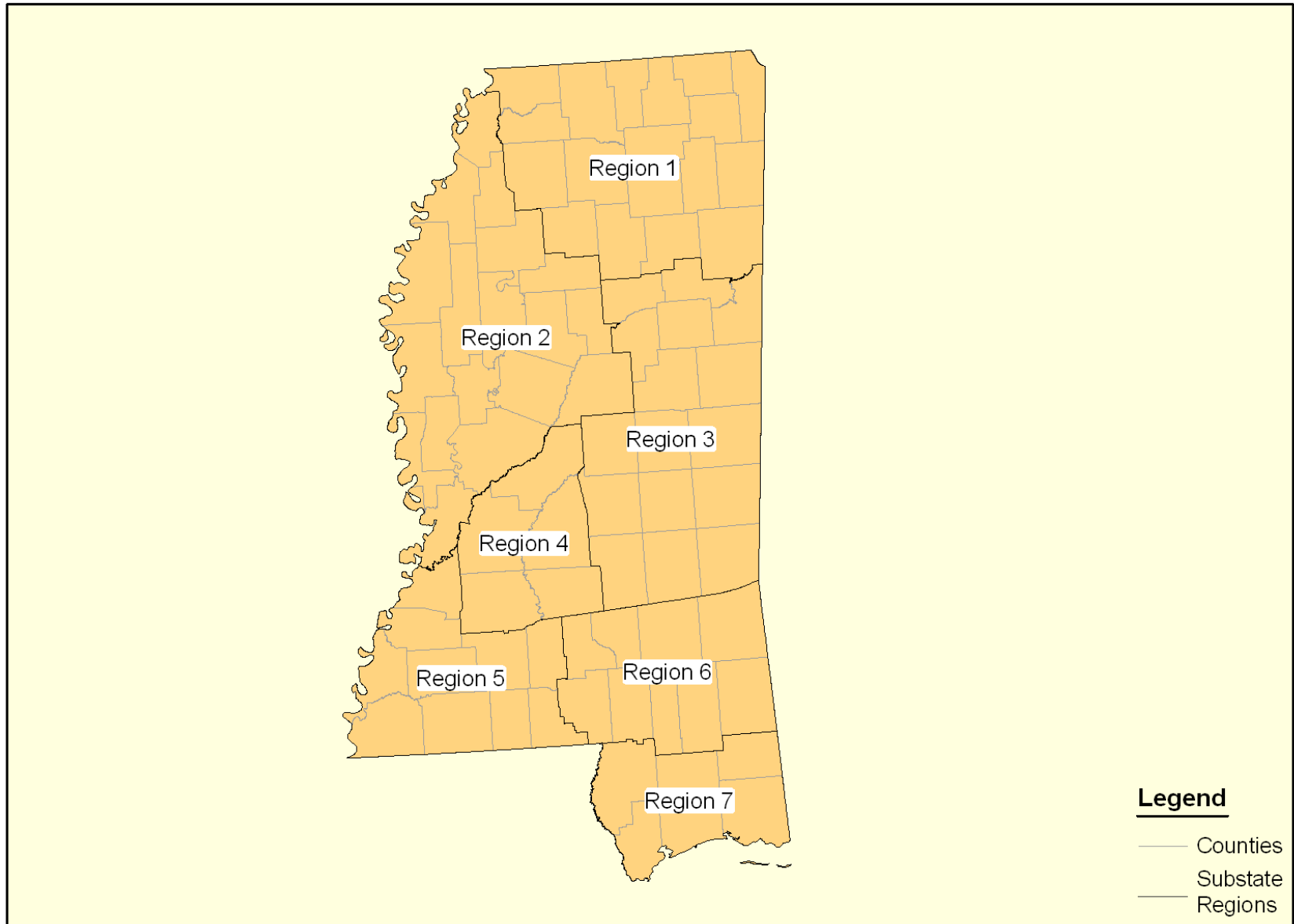


Table D25. MISSISSIPPI – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Department of Mental Health and are the State's Needs Assessment Project Planning Regions. These regions are defined in terms of the State's 82 counties.						
Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7
Alcorn Benton Calhoun Chickasaw De Soto Itawamba Lafayette Lee Marshall Monroe Panola Pontotoc Prentiss Tate Tippah Tishomingo Union Yalobusha	Attala Bolivar Carroll Coahoma Grenada Holmes Humphreys Issaquena Leflore Montgomery Quitman Sharkey Sunflower Tallahatchie Tunica Warren Washington Yazoo	Choctaw Clarke Clay Jasper Kemper Lauderdale Leake Lowndes Neshoba Newton Noxubee Oktibbeha Scott Smith Webster Winston	Copiah Hinds Madison Rankin Simpson	Adams Amite Claiborne Franklin Jefferson Lawrence Lincoln Pike Walthall Wilkinson	Covington Forrest Greene Jefferson Davis Jones Lamar Marion Perry Wayne	George Hancock Harrison Jackson Pearl River Stone

Figure D26. MISSOURI – Substate Regions (defined in terms of counties)

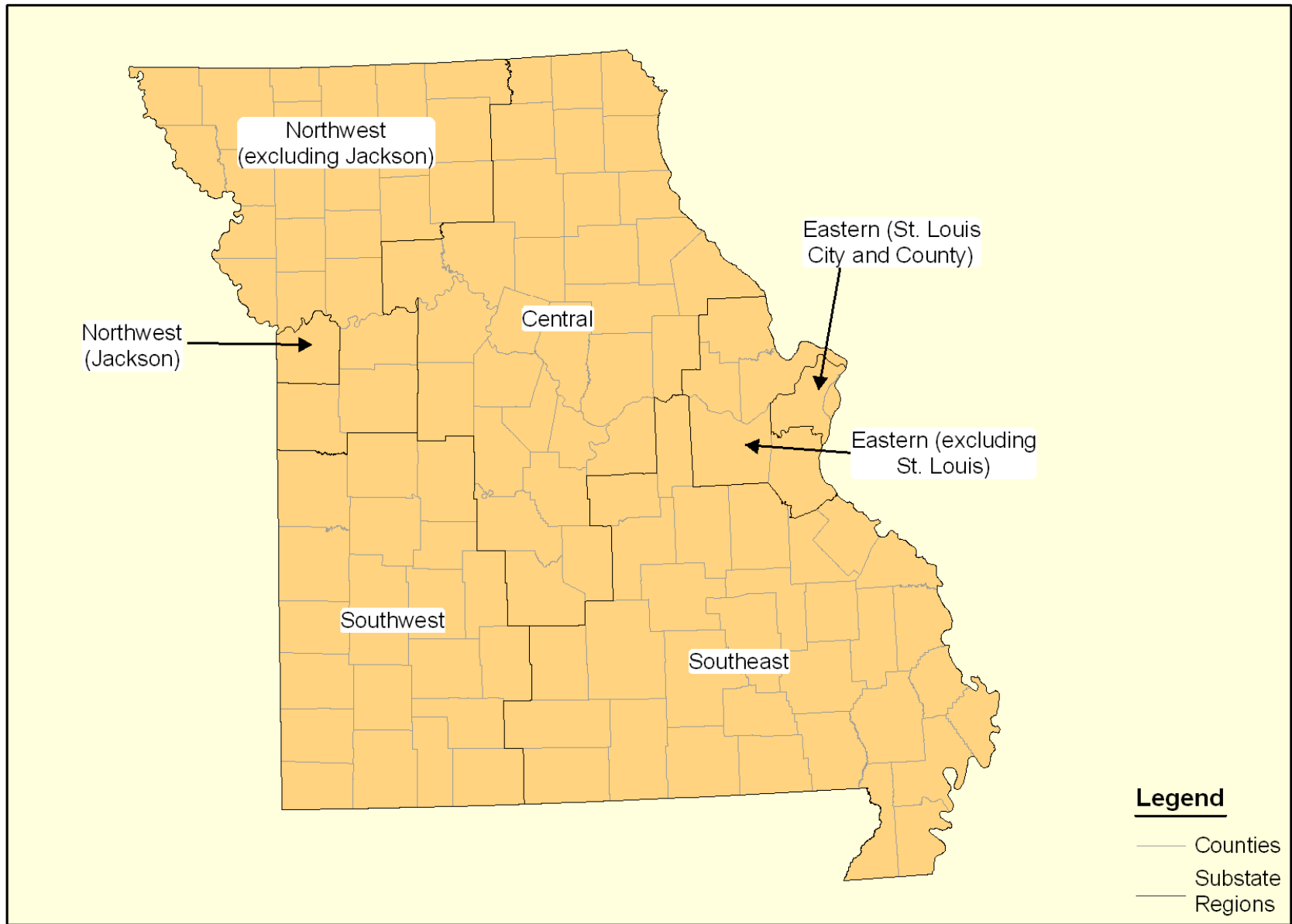


Table D26. MISSOURI – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Missouri Department of Mental Health and are defined in terms of the State's 114 counties and St. Louis City. As per the State's request, estimates for seven substate regions along with two aggregate planning areas (Eastern and Northwest) and maps showing all seven regions are being produced.

Central	Eastern		Northwest		Southeast	Southwest		
	Eastern (excluding St. Louis)	Eastern (St. Louis City and County)	Northwest (excluding Jackson)	Northwest (Jackson)				
Adair	Ralls	Franklin	St. Louis	Andrew	Jackson	Bollinger	Ste. Genevieve	Barry
Audrain	Randolph	Jefferson	St. Louis City	Atchison		Butler	Stoddard	Barton
Boone	Saline	Lincoln		Buchanan		Cape Girardeau	Texas	Bates
Callaway	Schuyler	St. Charles		Caldwell		Carter	Washington	Benton
Camden	Scotland	Warren		Cass		Crawford	Wayne	Cedar
Carroll	Shelby			Clay		Dent	Wright	Christian
Chariton				Clinton		Douglas		Dade
Clark				Daviess		Dunklin		Dallas
Cole				De Kalb		Gasconade		Greene
Cooper				Gentry		Howell		Henry
Howard				Grundy		Iron		Hickory
Knox				Harrison		Madison		Jasper
Laclede				Holt		Maries		Lawrence
Lewis				Johnson		Mississippi		McDonald
Macon				Lafayette		New Madrid		Newton
Marion				Linn		Oregon		Polk
Miller				Livingston		Ozark		St. Clair
Moniteau				Mercer		Pemiscot		Stone
Monroe				Nodaway		Perry		Taney
Montgomery				Platte		Phelps		Vernon
Morgan				Putnam		Reynolds		Webster
Osage				Ray		Ripley		
Pettis				Sullivan		Scott		
Pike				Worth		Shannon		
Pulaski						St. Francois		

Figure D27. MONTANA – Substate Regions (defined in terms of counties)

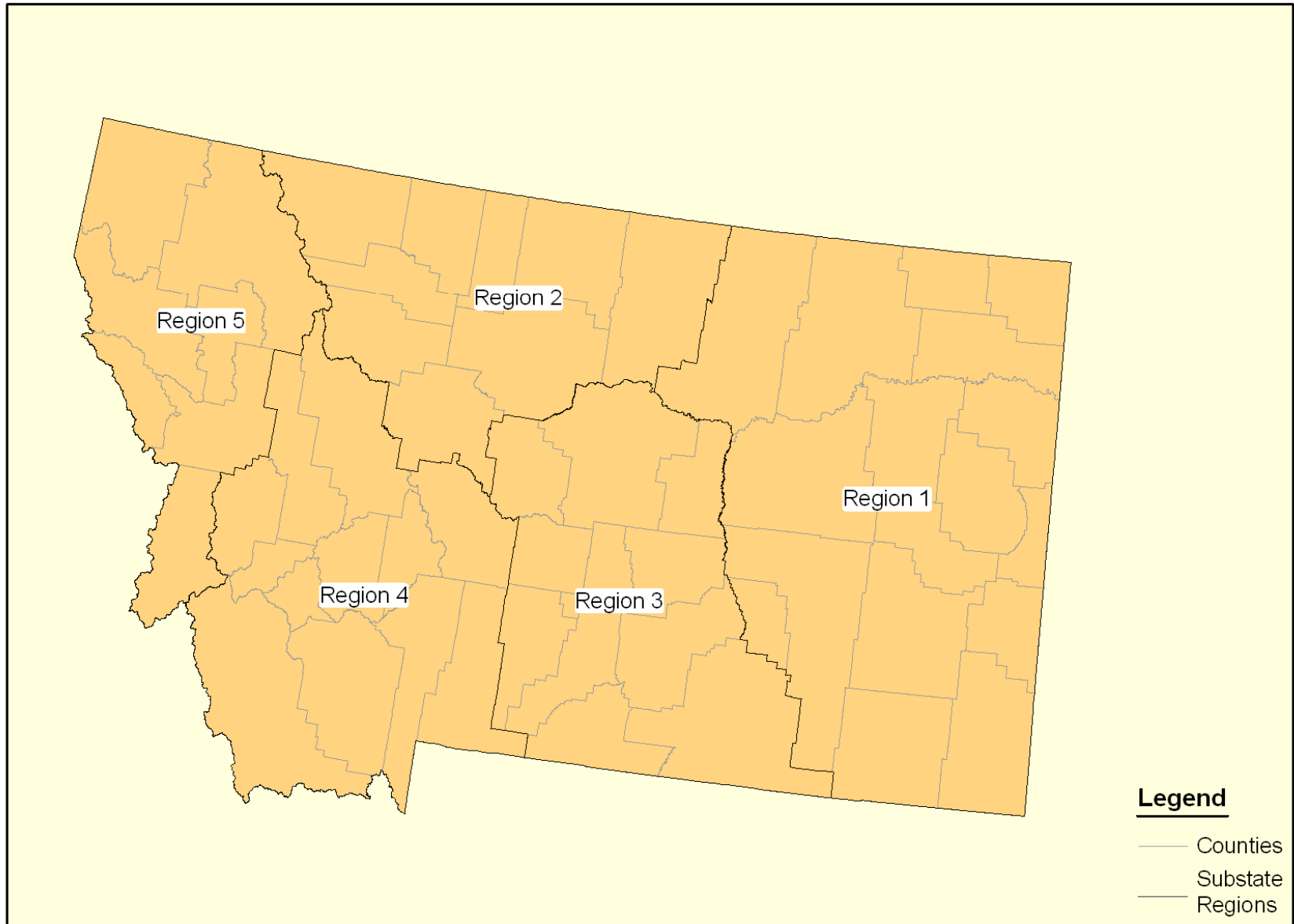


Table D27. MONTANA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Chemical Dependency Bureau of the Montana Department of Health and Human Services and are defined in terms of the State's 57 counties.				
Region 1	Region 2	Region 3	Region 4	Region 5
Carter Custer Daniels Dawson Fallon Garfield McCone Phillips Powder River Prairie Richland Roosevelt Rosebud Sheridan Treasure Valley Wibaux	Blaine Cascade Chouteau Glacier Hill Liberty Pondera Teton Toole	Big Horn Carbon Fergus Golden Valley Judith Basin Musselshell Petroleum Stillwater Sweet Grass Wheatland Yellowstone	Beaverhead Broadwater Deer Lodge Gallatin Granite Jefferson Lewis and Clark Madison Meagher Park Powell Silver Bow	Flathead Lake Lincoln Mineral Missoula Ravalli Sanders

Figure D28. NEBRASKA – Substate Regions (defined in terms of counties)

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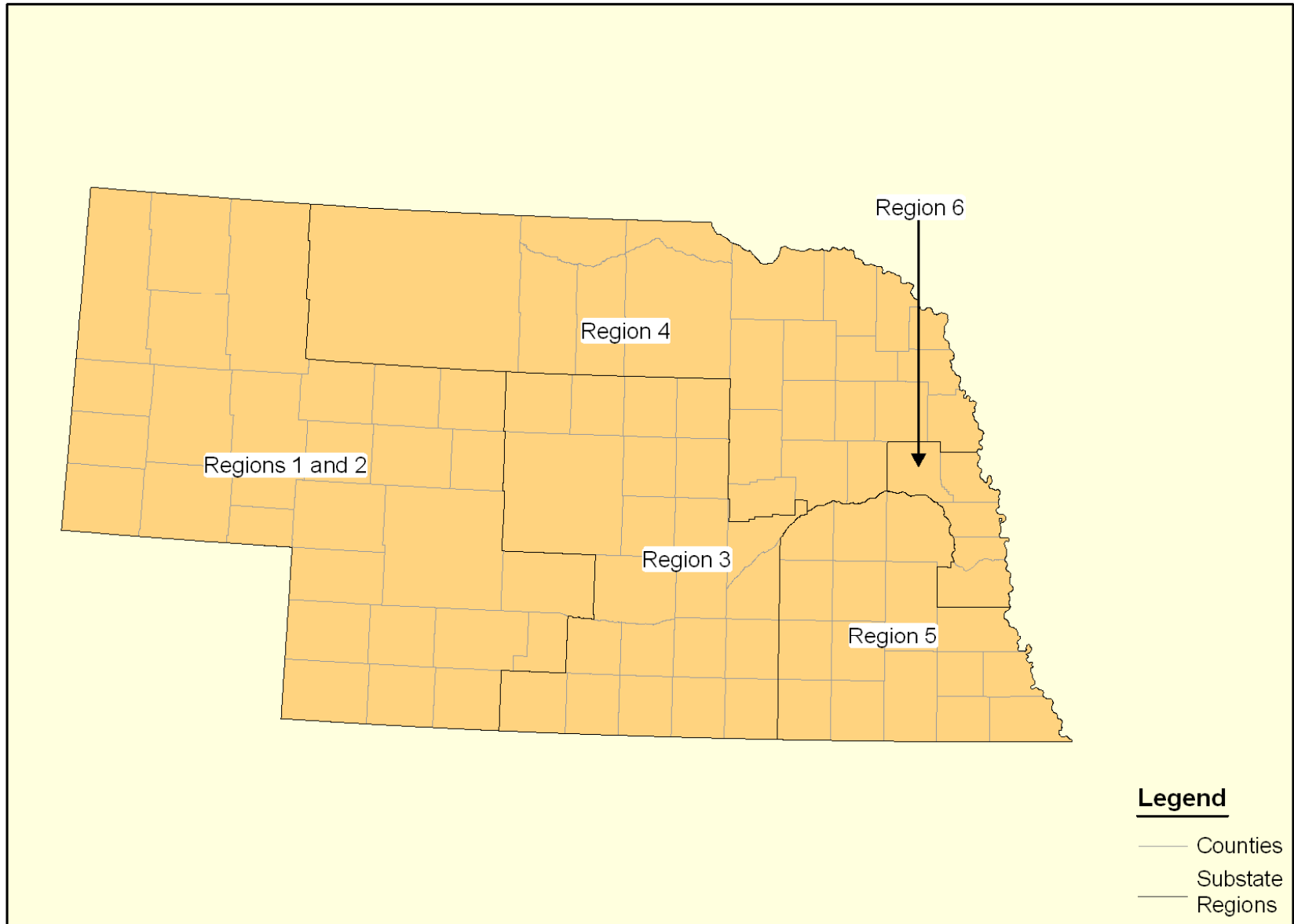


Table D28. NEBRASKA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Division of Behavioral Health Services, Nebraska Department of Health and Human Services, and are defined in terms of the State's 93 counties.

Regions 1 and 2		Region 3	Region 4	Region 5	Region 6
<u>Region 1</u>	<u>Region 2</u>	Adams	Antelope	Butler	Cass
Banner	Arthur	Blaine	Boone	Fillmore	Dodge
Box Butte	Chase	Buffalo	Boyd	Gage	Douglas
Cheyenne	Dawson	Clay	Brown	Jefferson	Sarpy
Dawes	Dundy	Custer	Burt	Johnson	Washington
Deuel	Frontier	Franklin	Cedar	Lancaster	
Garden	Gosper	Furnas	Cherry	Nemaha	
Kimball	Grant	Garfield	Colfax	Otoe	
Morrill	Hayes	Greeley	Cuming	Pawnee	
Scotts Bluff	Hitchcock	Hall	Dakota	Polk	
Sheridan	Hooker	Hamilton	Dixon	Richardson	
Sioux	Keith	Harlan	Holt	Saline	
	Lincoln	Howard	Keya Paha	Saunders	
	Logan	Kearney	Knox	Seward	
	McPherson	Loup	Madison	Thayer	
	Perkins	Merrick	Nance	York	
	Red Willow	Nuckolls	Pierce		
	Thomas	Phelps	Platte		
		Sherman	Rock		
		Valley	Stanton		
		Webster	Thurston		
		Wheeler	Wayne		

Figure D29. NEVADA – Substate Regions (defined in terms of counties)

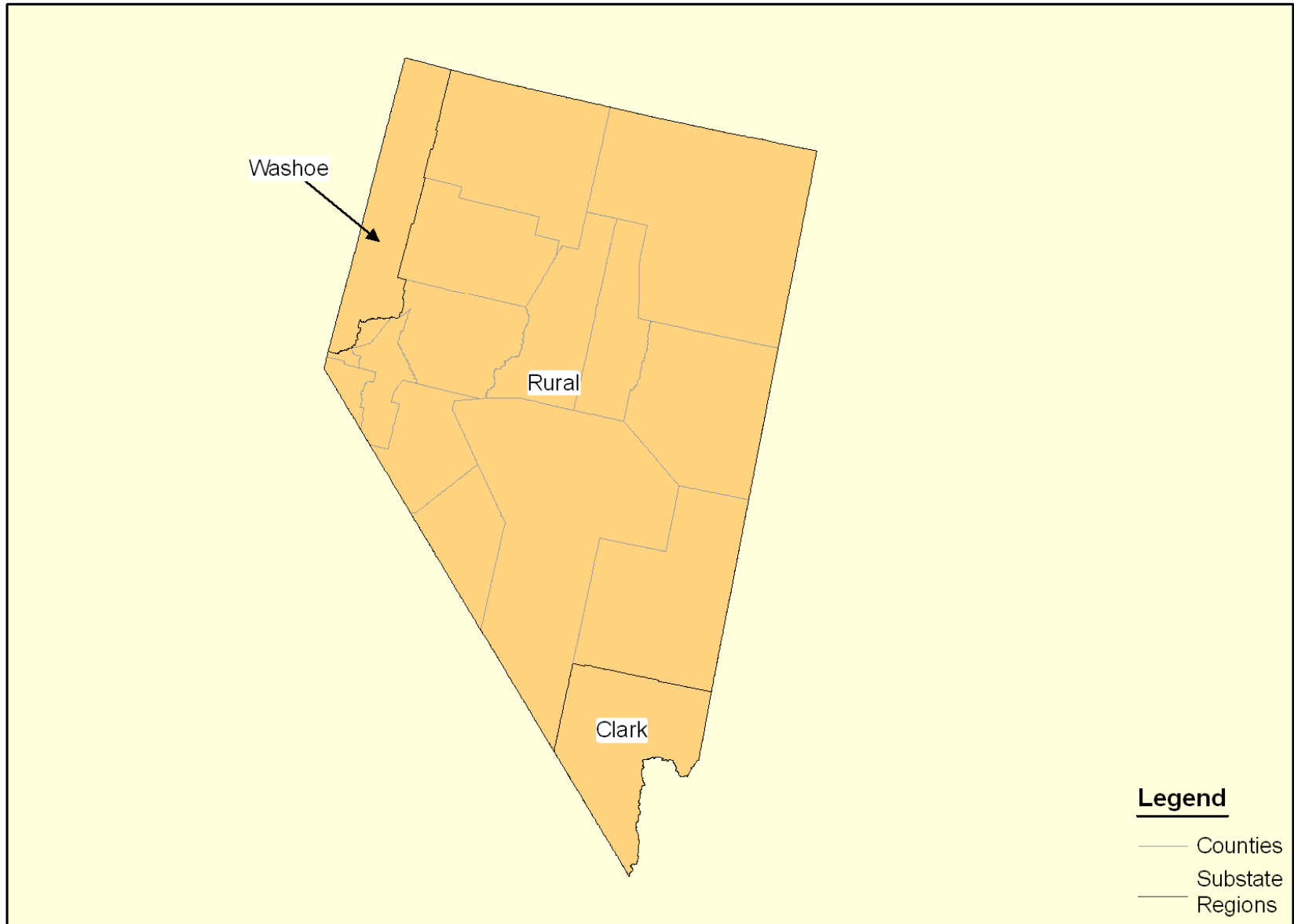


Table D29. NEVADA – Substate Regions (defined in terms of counties)

<p>The substate regions defined here were provided by the State's Bureau of Alcohol and Drug Abuse, Nevada Department of Human Resources, and are defined in terms of the State's 16 counties and Carson City.</p>		
Clark	Rural	Washoe
Clark	Carson City Churchill Douglas Elko Esmeralda Eureka Humboldt Lander Lincoln Lyon Mineral Nye Pershing Storey White Pine	Washoe

Figure D30. NEW HAMPSHIRE – Substate Regions (defined in terms of counties)

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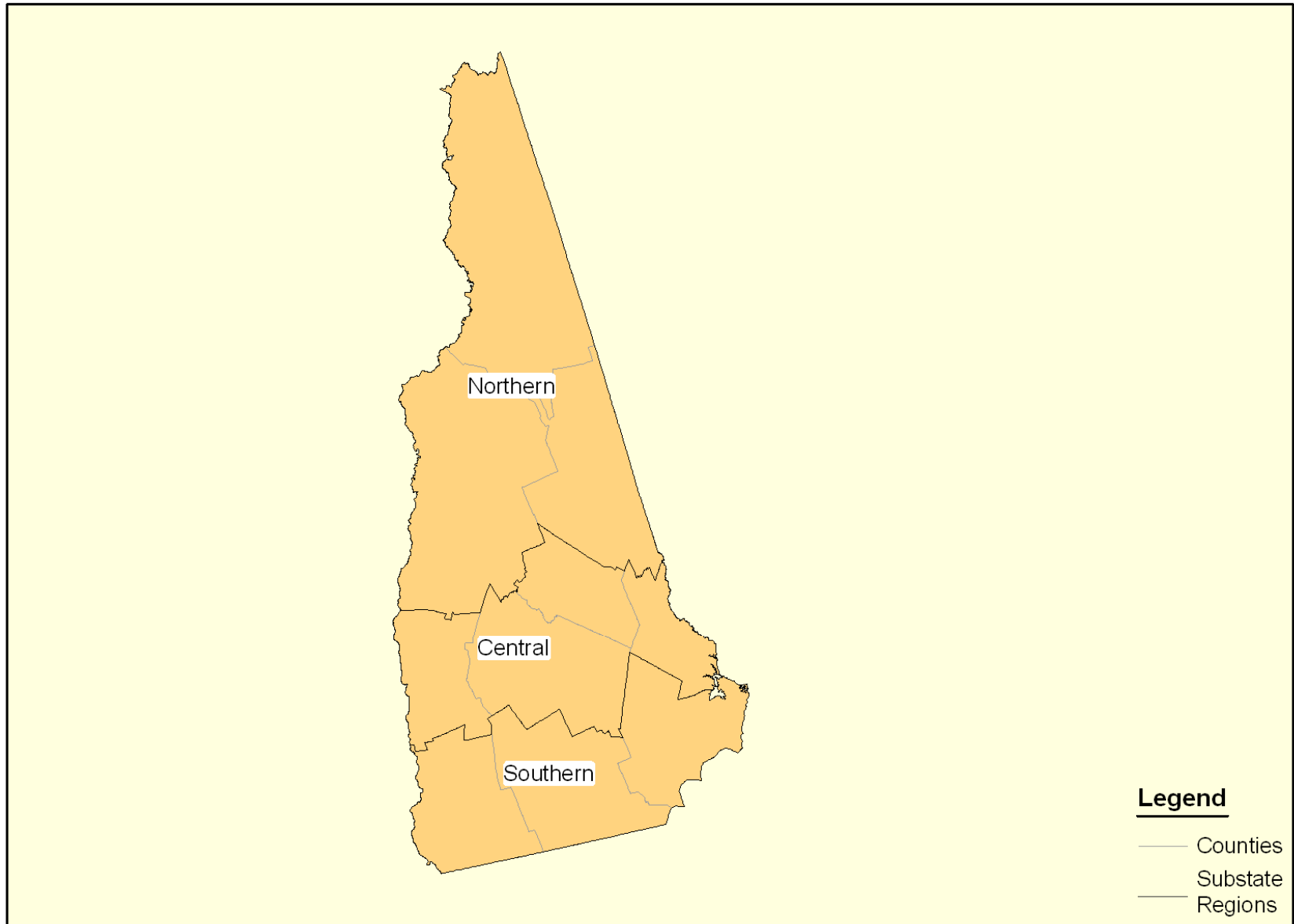


Table D30. NEW HAMPSHIRE – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the New Hampshire Office of Alcohol and Drug Policy, Department of Health and Human Services, and are defined in terms of the State's 10 counties. As per the State's request, estimates for five substate regions along with two aggregate planning areas (Central and Southern) and maps showing three regions (Central, Northern, and Southern) are being produced.				
Central		Northern	Southern	
Central 1	Central 2		Southern 1 (Rockingham)	Southern 2
Belknap Strafford	Merrimack Sullivan	Carroll Coos Grafton	Rockingham	Cheshire Hillsborough

Figure D31. NEW JERSEY – Substate Regions (defined in terms of counties)

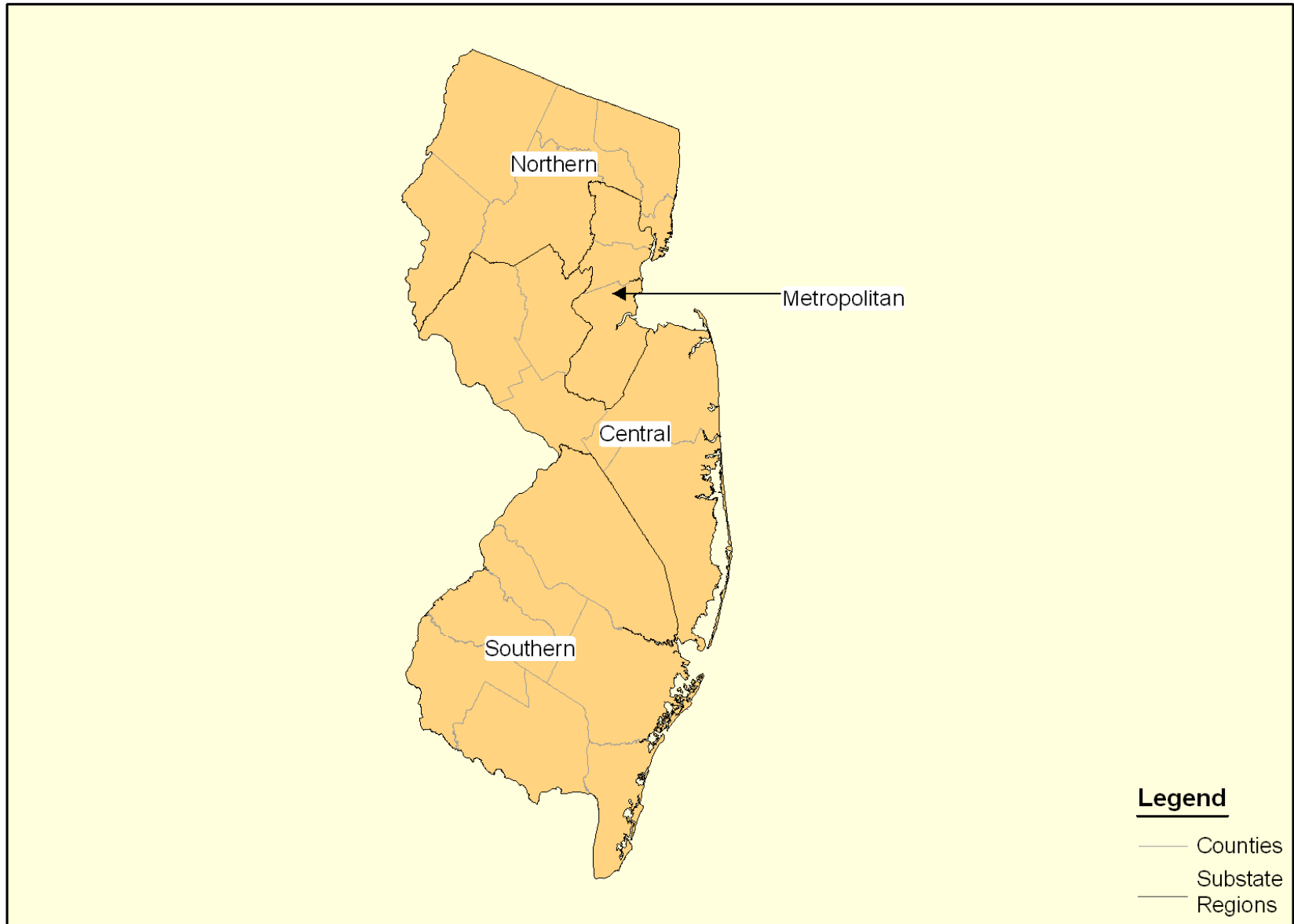


Table D31. NEW JERSEY – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Division of Addiction Services, New Jersey Department of Human Services, and are defined in terms of the State's 21 counties.			
Central	Metropolitan	Northern	Southern
Hunterdon Mercer Monmouth Ocean Somerset	Essex Middlesex Union	Bergen Hudson Morris Passaic Sussex Warren	Atlantic Burlington Camden Cape May Cumberland Gloucester Salem

Figure D32. NEW MEXICO – Substate Regions (defined in terms of counties)

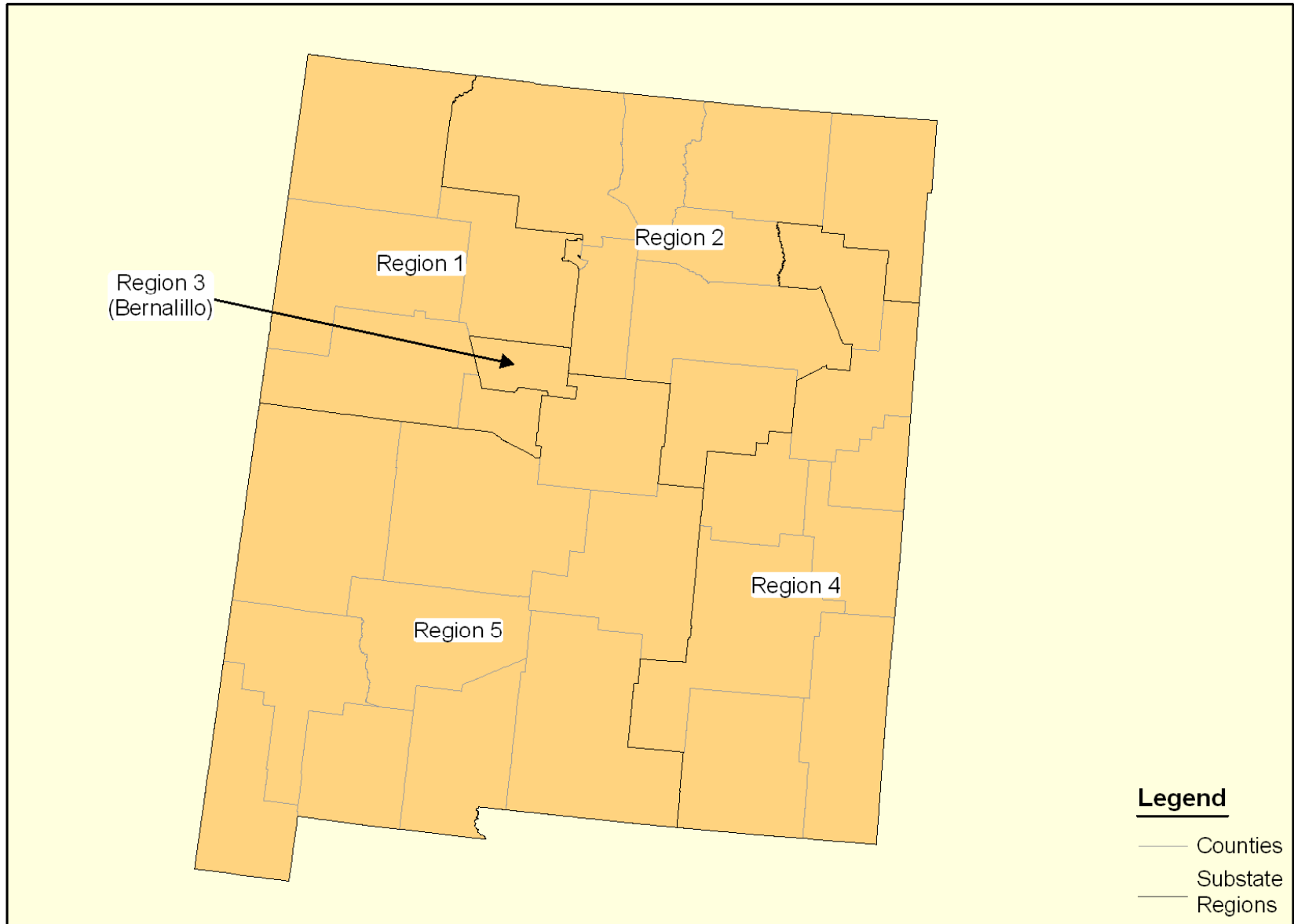


Table D32. NEW MEXICO – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Behavioral Health Services Division, New Mexico Department of Health, and are defined in terms of the State's 33 counties.				
Region 1	Region 2	Region 3 (Bernalillo)	Region 4	Region 5
Cibola McKinley Sandoval San Juan Valencia	Colfax Guadalupe Los Alamos Mora Rio Arriba San Miguel Santa Fe Taos Union	Bernalillo	Chaves Curry De Baca Eddy Harding Lea Quay Roosevelt	Catron Dona Ana Grant Hidalgo Lincoln Luna Otero Sierra Socorro Torrance

Figure D33. NEW YORK – Substate Regions (defined in terms of counties)

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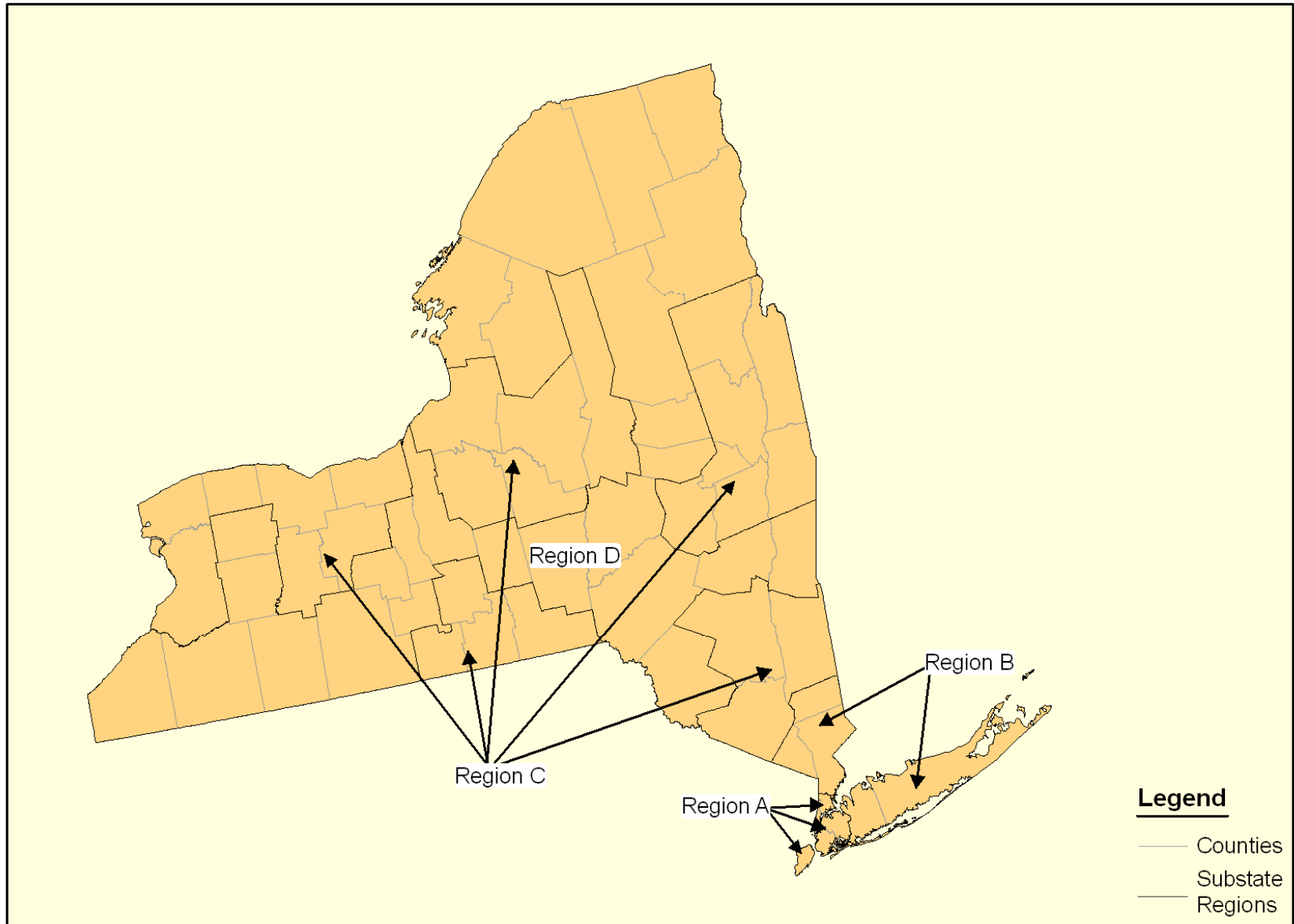


Table D33. NEW YORK – Substate Regions (defined in terms of counties)

<p>The substate regions defined here were obtained from the New York State Office of Alcoholism and Substance Abuse Services and are defined in terms of the State's 62 counties. As per the State's request, estimates for 15 substate regions along with 4 aggregate planning areas (Regions A, B, C, and D) and maps showing the four planning areas are being produced.</p>								
Region A						Region B		
Region 1	Region 2	Region 3	Region 4	Region 5	Region 6			
Bronx	Kings Richmond	New York	Queens	Nassau Suffolk	Putnam Rockland Westchester			
Region C						Region D		
Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13	Region 14	Region 15
Dutchess Orange Ulster	Albany Rensselaer Saratoga Schenectady Schoharie Warren Washington	Herkimer Madison Oneida Onondaga Oswego	Broome Chemung Tioga Tompkins	Livingston Monroe Ontario Orleans Wayne	Erie Niagara	Cayuga Chenango Columbia Cortland Delaware Greene Otsego Sullivan	Clinton Essex Franklin Fulton Hamilton Jefferson Lewis Montgomery St. Lawrence	Allegany Cattaraugus Chautauqua Genesee Schuyler Seneca Steuben Wyoming Yates

Figure D34. NORTH CAROLINA – Substate Regions (defined in terms of counties)

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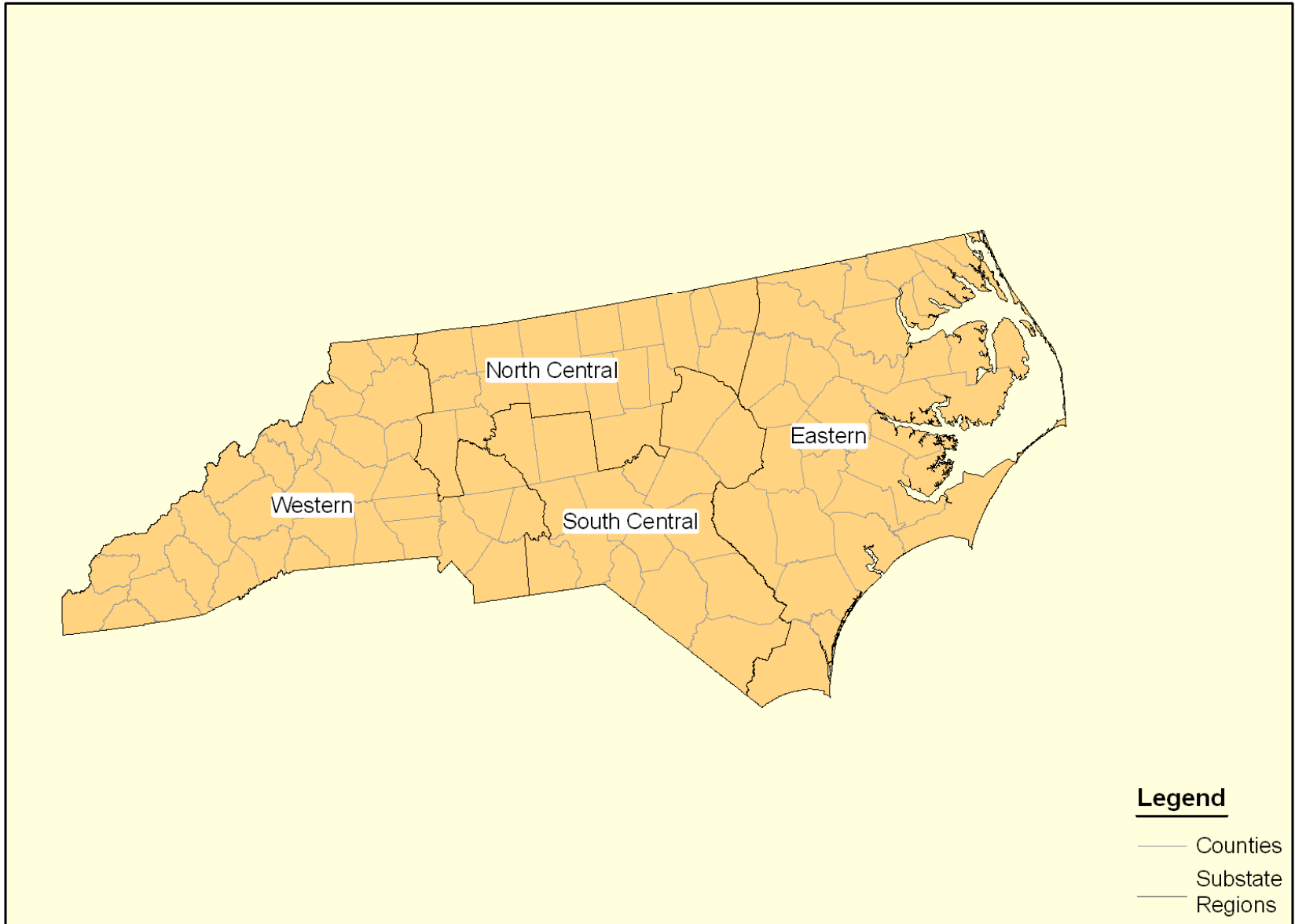
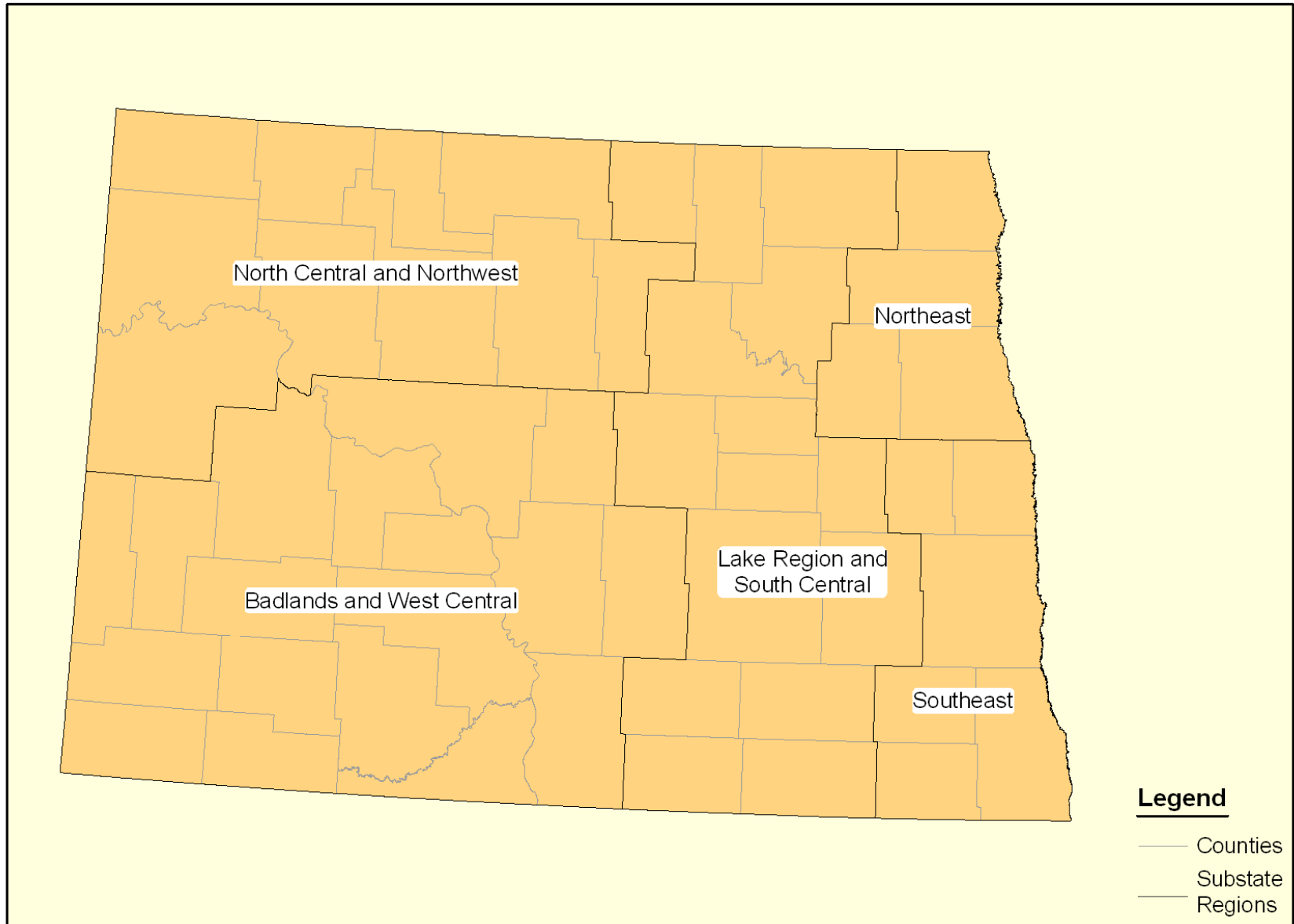


Table D34. NORTH CAROLINA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the North Carolina Division of Mental Health, Development Disabilities and Substance Abuse Services, Department of Health and Human Services, and are defined in terms of the State's 100 counties.					
Eastern		North Central	South Central	Western	
Beaufort	Pender	Alamance	Anson	Alexander	Rutherford
Bertie	Perquimans	Caswell	Bladen	Alleghany	Stanly
Brunswick	Pitt	Chatham	Columbus	Ashe	Swain
Camden	Sampson	Davie	Cumberland	Avery	Transylvania
Carteret	Tyrrell	Durham	Davidson	Buncombe	Union
Chowan	Washington	Forsyth	Harnett	Burke	Watauga
Craven	Wayne	Franklin	Hoke	Cabarrus	Wilkes
Currituck	Wilson	Granville	Johnston	Caldwell	Yancey
Dare		Guilford	Lee	Catawba	
Duplin		Iredell	Montgomery	Cherokee	
Edgecombe		Orange	Moore	Clay	
Gates		Person	Randolph	Cleveland	
Greene		Rockingham	Richmond	Gaston	
Halifax		Stokes	Robeson	Graham	
Hertford		Surry	Scotland	Haywood	
Hyde		Vance	Wake	Henderson	
Jones		Warren		Jackson	
Lenoir		Yadkin		Lincoln	
Martin				Macon	
Nash				Madison	
New Hanover				McDowell	
Northampton				Mecklenburg	
Onslow				Mitchell	
Pamlico				Polk	
Pasquotank				Rowan	

Figure D35. NORTH DAKOTA – Substate Regions (defined in terms of counties)



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Table D35. NORTH DAKOTA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Division of Mental Health and Substance Abuse Services, North Dakota Department of Human Services, and are defined in terms of the State's 53 counties.							
Badlands and West Central		Lake Region and South Central		North Central and Northwest		Northeast	Southeast
<u>Badlands</u>	<u>West Central</u>	<u>Lake</u>	<u>South Central</u>	<u>North Central</u>	<u>Northwest</u>	Grand Forks	Cass
Adams	Burleigh	Benson	Barnes	Bottineau	Divide	Nelson	Ransom
Billings	Emmons	Cavalier	Dickey	Burke	McKenzie	Pembina	Richland
Bowman	Grant	Eddy	Foster	McHenry	Williams	Walsh	Sargent
Dunn	Kidder	Ramsey	Griggs	Mountrail			Steele
Golden Valley	McLean	Rolette	La Moure	Pierce			Traill
Hettinger	Mercer	Towner	Logan	Renville			
Slope	Morton		McIntosh	Ward			
Stark	Oliver		Stutsman				
	Sheridan		Wells				
	Sioux						

Figure D36. OHIO – Substate Regions (defined in terms of counties)

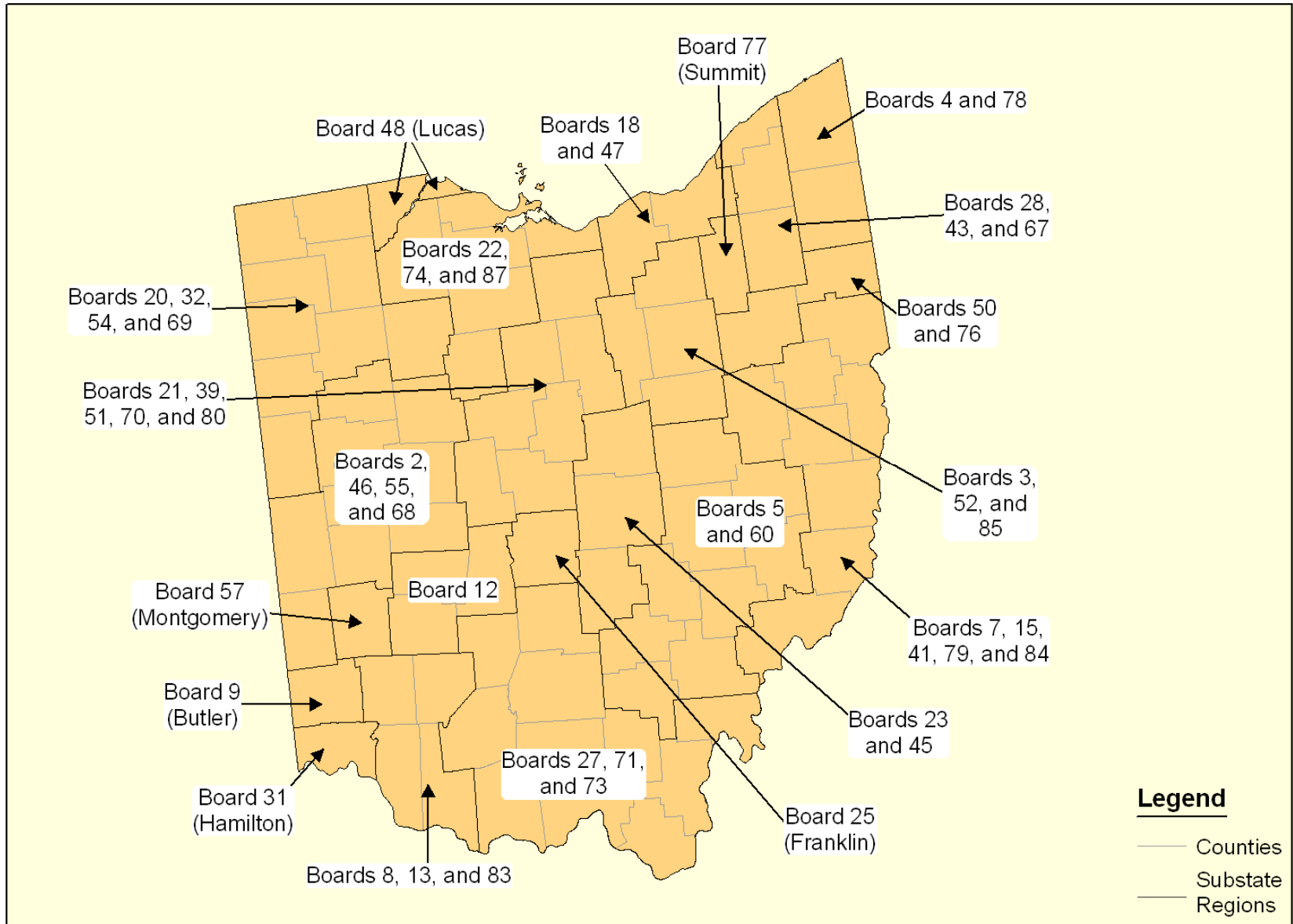


Table D36. OHIO – Substate Regions (defined in terms of counties)

<p>The Ohio Department of Alcohol and Drug Addiction Services suggested that it would be useful to provide substance use estimates for Ohio boards, which in turn are defined using the State's 88 counties. Due to sample size constraints, in consultation with the State's Center for Substance Abuse Treatment (CSAT) contact, adjacent boards were combined to form substate regions. Urban and rural counties were not collapsed together to form substate regions.</p>							
Boards 2, 46, 55, and 68	Boards 3, 52, and 85	Boards 4 and 78	Boards 5 and 60	Boards 7, 15, 41, 79, and 84	Boards 8, 13, and 83	Board 9 (Butler)	Board 12
<u>Board 2</u> Allen Auglaize Hardin <u>Board 46</u> Champaign Logan <u>Board 55</u> Darke Miami Shelby <u>Board 68</u> Preble	<u>Board 3</u> Ashland <u>Board 52</u> Medina <u>Board 85</u> Holmes Wayne	<u>Board 4</u> Ashtabula <u>Board 78</u> Trumbull	<u>Board 5</u> Athens Hocking Vinton <u>Board 60</u> Coshocton Guernsey Morgan Muskingum Noble Perry	<u>Board 7</u> Belmont Harrison Monroe <u>Board 15</u> Columbiana <u>Board 41</u> Jefferson <u>Board 79</u> Carroll Tuscarawas <u>Board 84</u> Washington	<u>Board 8</u> Brown <u>Board 13</u> Clermont <u>Board 83</u> Clinton Warren	Butler	Clark Greene Madison

(continued)

Table D36. OHIO – Substate Regions (defined in terms of counties) (continued)

Boards 18 and 47	Boards 20, 32, 54, and 69	Boards 21, 39, 51, 70, and 80	Boards 22, 74, and 87	Boards 23 and 45	Board 25 (Franklin)	Boards 27, 71, and 73	Boards 28, 43, and 67
Board 18 Cuyahoga	Board 20 Defiance Fulton	Board 21 Delaware Morrow	Board 22 Erie Ottawa	Board 23 Fairfield	Franklin	Board 27 Gallia Jackson Meigs	Board 28 Geauga
Board 47 Lorain	Henry Williams	Board 39 Huron	Board 74 Sandusky Seneca Wyandot	Board 45 Knox Licking		Board 71 Fayette Highland Pickaway Pike Ross	Board 43 Lake
	Board 32 Hancock	Board 51 Crawford Marion	Board 87 Wood			Board 73 Adams Lawrence Scioto	Board 67 Portage
	Board 54 Mercer Paulding Van Wert	Board 70 Richland					
	Board 69 Putnam	Board 80 Union					
Board 31 (Hamilton)	Board 48 (Lucas)	Boards 50 and 76	Board 57 (Montgomery)	Board 77 (Summit)			
Hamilton	Lucas	Mahoning Stark	Montgomery	Summit			

Figure D37. OKLAHOMA – Substate Regions (defined in terms of counties)

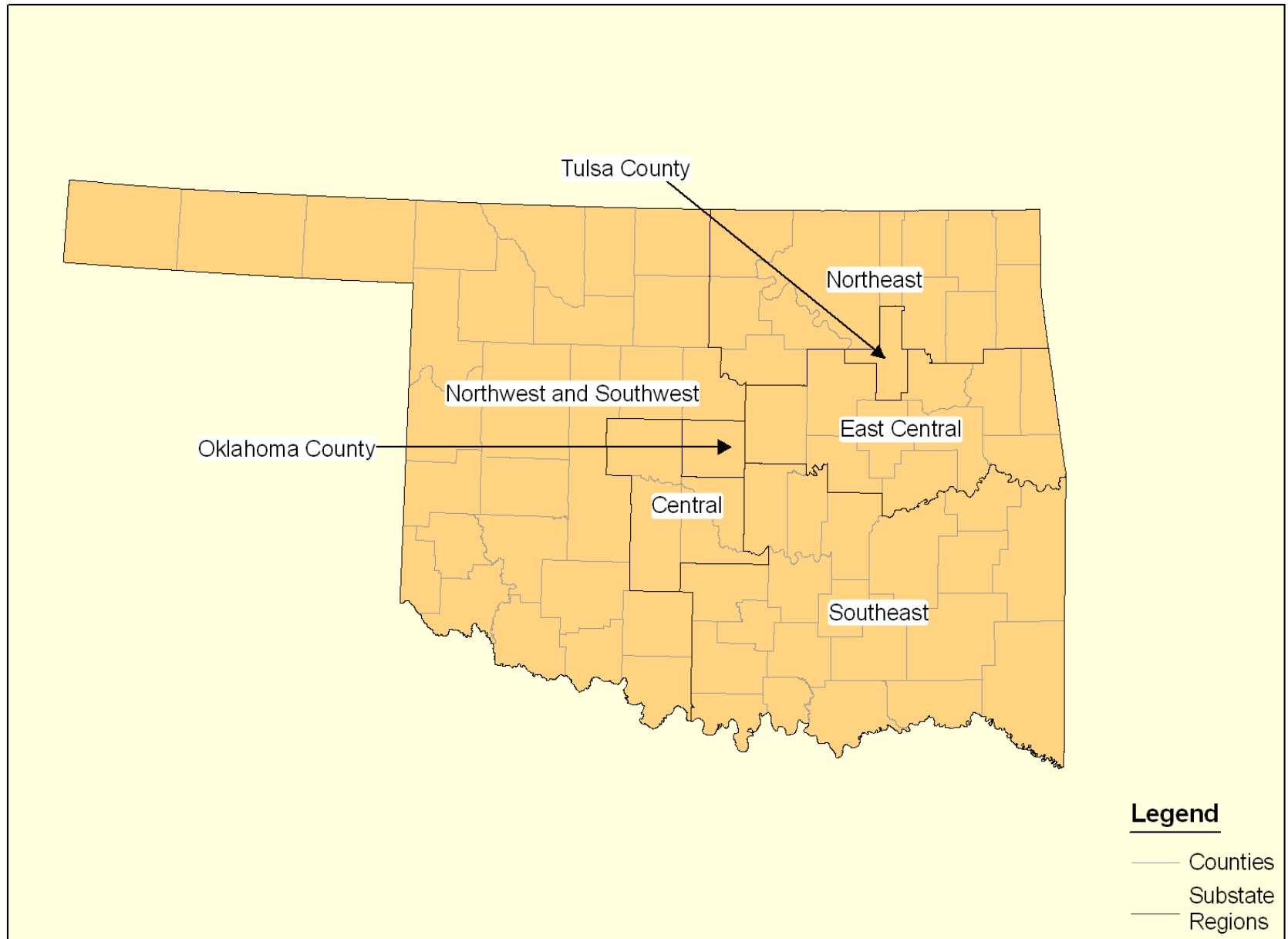


Table D37. OKLAHOMA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Oklahoma Department of Mental Health and Substance Abuse Services, and are defined in terms of the State's 77 counties.

Central	East Central	Northeast	Northwest and Southwest		Oklahoma County	Southeast	Tulsa County
Canadian Cleveland Grady McClain	Adair Cherokee Creek Lincoln McIntosh Muskogee Okfuskee Okmulgee Sequoyah Wagoner	Craig Delaware Kay Mayes Noble Nowata Osage Ottawa Pawnee Payne Rogers Washington	<u>Northwest</u> Alfalfa Beaver Cimarron Ellis Garfield Grant Harper Kingfisher Logan Major Texas Woods Woodward	<u>Southwest</u> Beckham Blaine Caddo Comanche Cotton Custer Dewey Greer Harmon Jackson Jefferson Kiowa Roger Mills Stephens Tillman Washita	Oklahoma	Atoka Bryan Carter Choctaw Coal Garvin Haskell Hughes Johnston Latimer Le Flore Love Marshall McCurtain Murray Pittsburg Pontotoc Pottawatomie Pushmataha Seminole	Tulsa

Figure D38. OREGON – Substate Regions (defined in terms of counties)

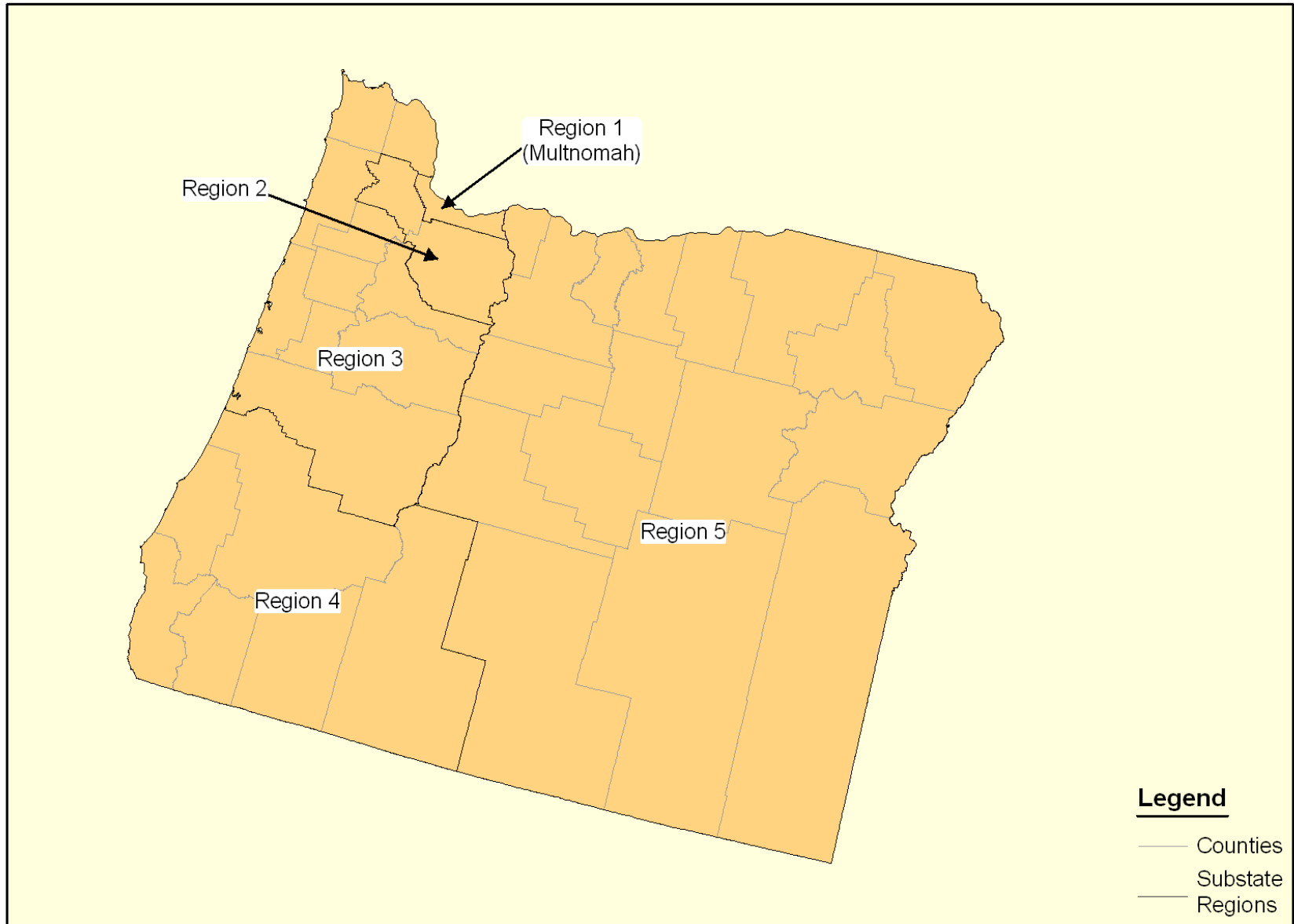


Table D38. OREGON – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Office of Mental Health and Addiction Services, Department of Human Services, and are defined in terms of the State's 36 counties.

Region 1 (Multnomah)	Region 2	Region 3	Region 4	Region 5
Multnomah	Clackamas Washington	Benton Clatsop Columbia Lane Lincoln Linn Marion Polk Tillamook Yamhill	Coos Curry Douglas Jackson Josephine Klamath	Baker Crook Deschutes Gilliam Grant Harney Hood River Jefferson Lake Malheur Morrow Sherman Umatilla Union Wallowa Wasco Wheeler

Figure D39. PENNSYLVANIA – Substate Regions (defined in terms of counties)

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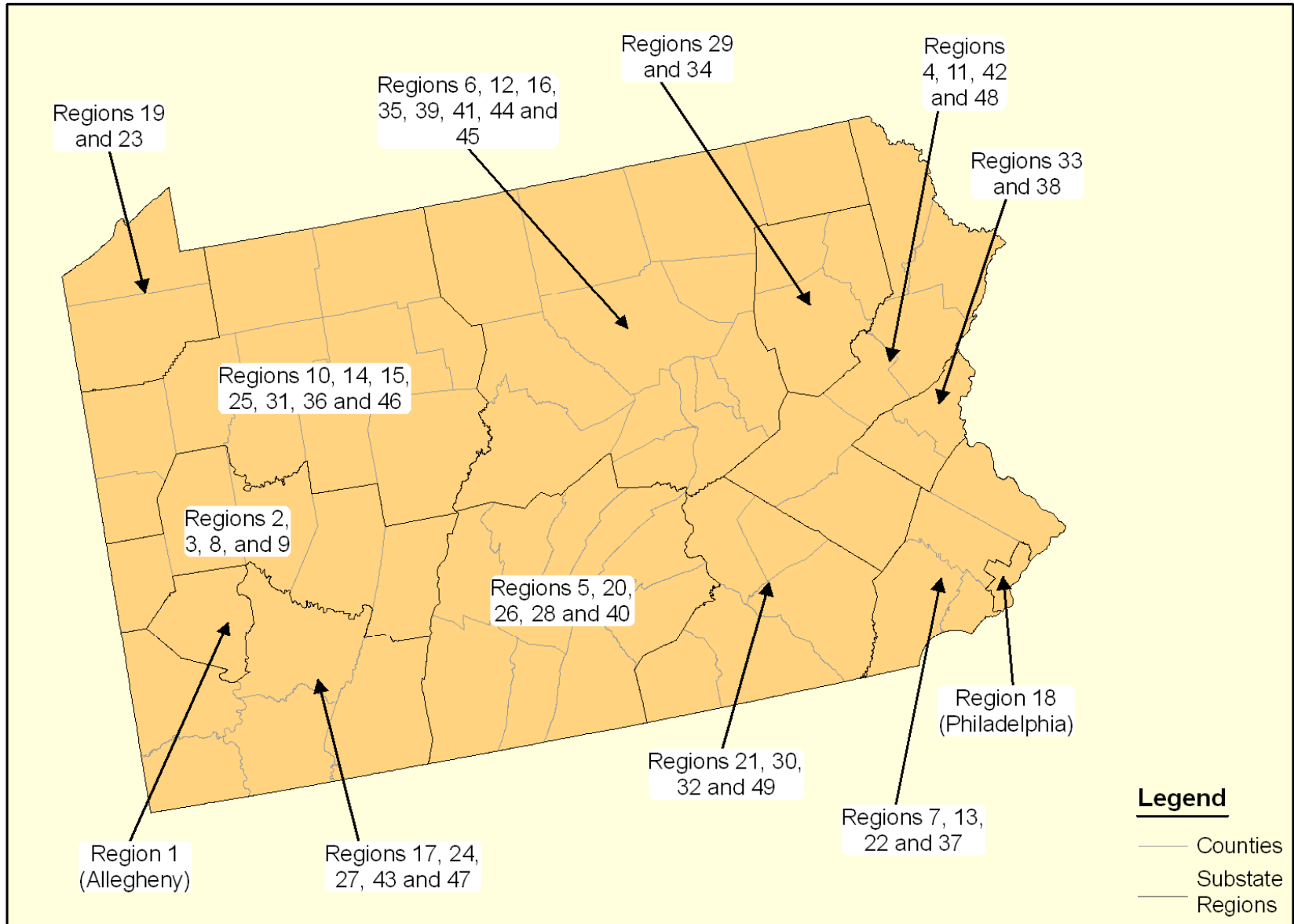


Table D39. PENNSYLVANIA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Bureau of Drug and Alcohol Programs, Department of Health, and are defined in terms of the State's 67 counties.

Region 1 (Allegheny)	Regions 2, 3, 8 and 9	Regions 4, 11, 42 and 48	Regions 5, 20, 26, 28 and 40	Regions 6, 12, 16, 35, 39, 41, 44 and 45	Regions 7, 13, 22 and 37	Regions 10, 14, 15, 25, 31, 36 and 46
Allegheny	<u>Region 2</u> Armstrong Indiana <u>Region 3</u> Beaver <u>Region 8</u> Butler <u>Region 9</u> Cambria	<u>Region 4</u> Berks <u>Region 11</u> Carbon Monroe Pike <u>Region 42</u> Schuylkill <u>Region 48</u> Wayne	<u>Region 5</u> Blair <u>Region 20</u> Cumberland Perry <u>Region 26</u> Franklin Fulton <u>Region 28</u> Huntingdon Juniata Mifflin <u>Region 40</u> Bedford	<u>Region 6</u> Bradford Sullivan <u>Region 12</u> Centre <u>Region 16</u> Columbia Montour Snyder Union <u>Region 35</u> Clinton Lycoming <u>Region 39</u> Northumberland <u>Region 41</u> Potter <u>Region 44</u> Susquehanna <u>Region 45</u> Tioga	<u>Region 7</u> Bucks <u>Region 13</u> Chester <u>Region 22</u> Delaware <u>Region 37</u> Montgomery	<u>Region 10</u> Cameron Elk McKean <u>Region 14</u> Clarion <u>Region 15</u> Clearfield Jefferson <u>Region 25</u> Forest Warren <u>Region 31</u> Lawrence <u>Region 36</u> Mercer <u>Region 46</u> Venango

(continued)

Table D39. PENNSYLVANIA – Substate Regions (defined in terms of counties) (continued)

Regions 17, 24, 27, 43 and 47	Region 18 (Philadelphia)	Regions 19 and 23	Regions 21, 30, 32 and 49	Regions 29 and 34	Regions 33 and 38
<u>Region 17</u> Westmoreland	Philadelphia	<u>Region 19</u> Crawford	<u>Region 21</u> Dauphin	<u>Region 29</u> Lackawanna	<u>Region 33</u> Lehigh
<u>Region 24</u> Fayette		<u>Region 23</u> Erie	<u>Region 30</u> Lancaster	<u>Region 34</u> Luzerne Wyoming	<u>Region 38</u> Northampton
<u>Region 27</u> Greene			<u>Region 32</u> Lebanon		
<u>Region 43</u> Somerset			<u>Region 49</u> Adams York		
<u>Region 47</u> Washington					

Figure D40. RHODE ISLAND – Substate Regions (defined in terms of counties)

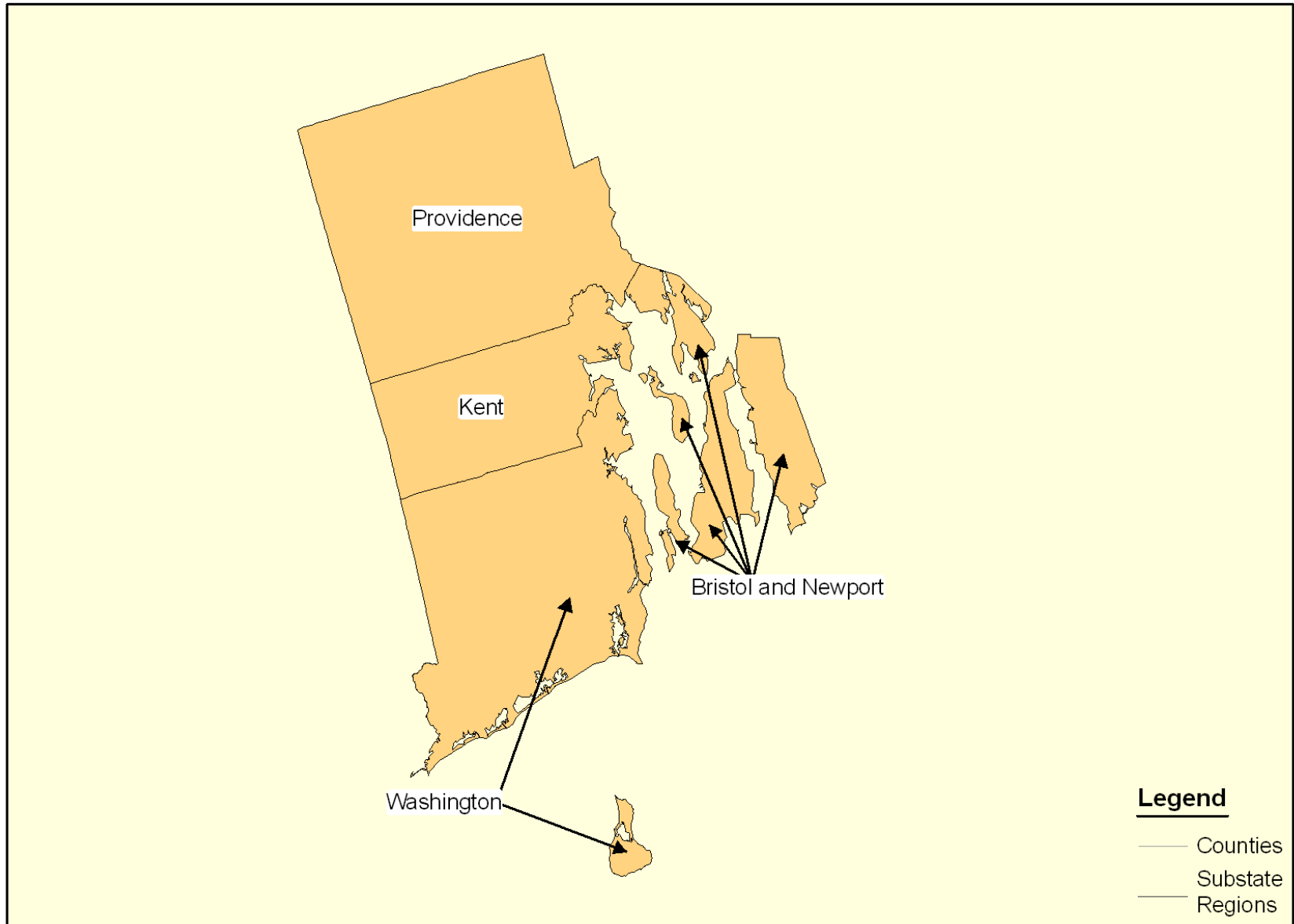


Table D40. RHODE ISLAND – Substate Regions (defined in terms of counties)

The substate planning areas for Rhode Island were defined in consultation with the Rhode Island Department of Mental Health, Retardation and Hospitals and are defined in terms of the State's five counties.			
Bristol and Newport	Kent	Providence	Washington
Bristol Newport	Kent	Providence	Washington

Figure D41. SOUTH CAROLINA – Substate Regions (defined in terms of counties)

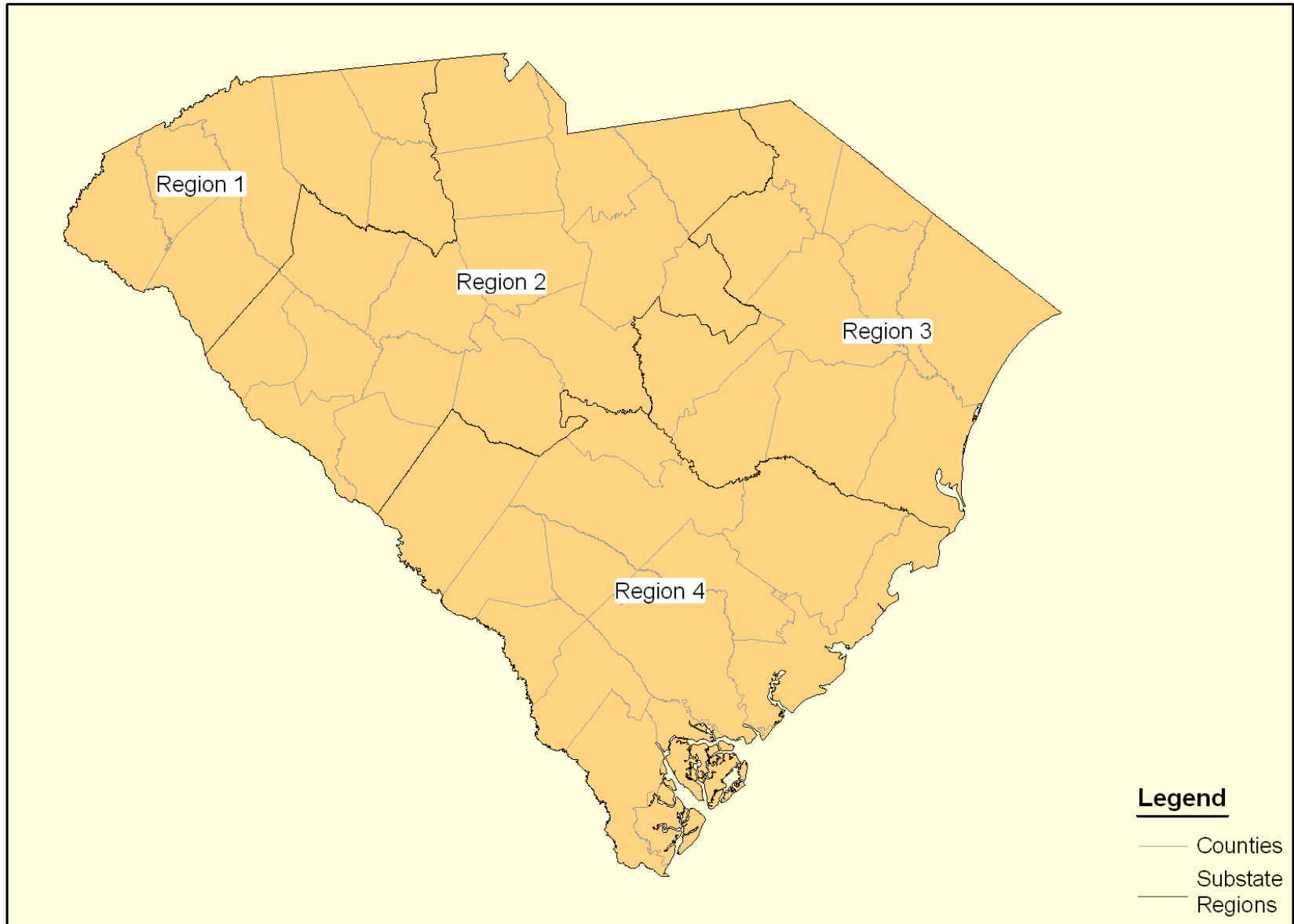


Table D41. SOUTH CAROLINA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the South Carolina Department of Alcohol and Other Drug Abuse Services and are defined in terms of the State's 46 counties.			
Region 1	Region 2	Region 3	Region 4
Anderson Cherokee Greenville Oconee Pickens Spartanburg Union	Abbeville Chester Chesterfield Edgefield Fairfield Greenwood Kershaw Lancaster Laurens Lee Lexington McCormick Newberry Richland Saluda York	Clarendon Darlington Dillon Florence Georgetown Horry Marion Marlboro Sumter Williamsburg	Aiken Allendale Bamberg Barnwell Beaufort Berkeley Calhoun Charleston Colleton Dorchester Hampton Jasper Orangeburg

Figure D42. SOUTH DAKOTA – Substate Regions (defined in terms of counties)

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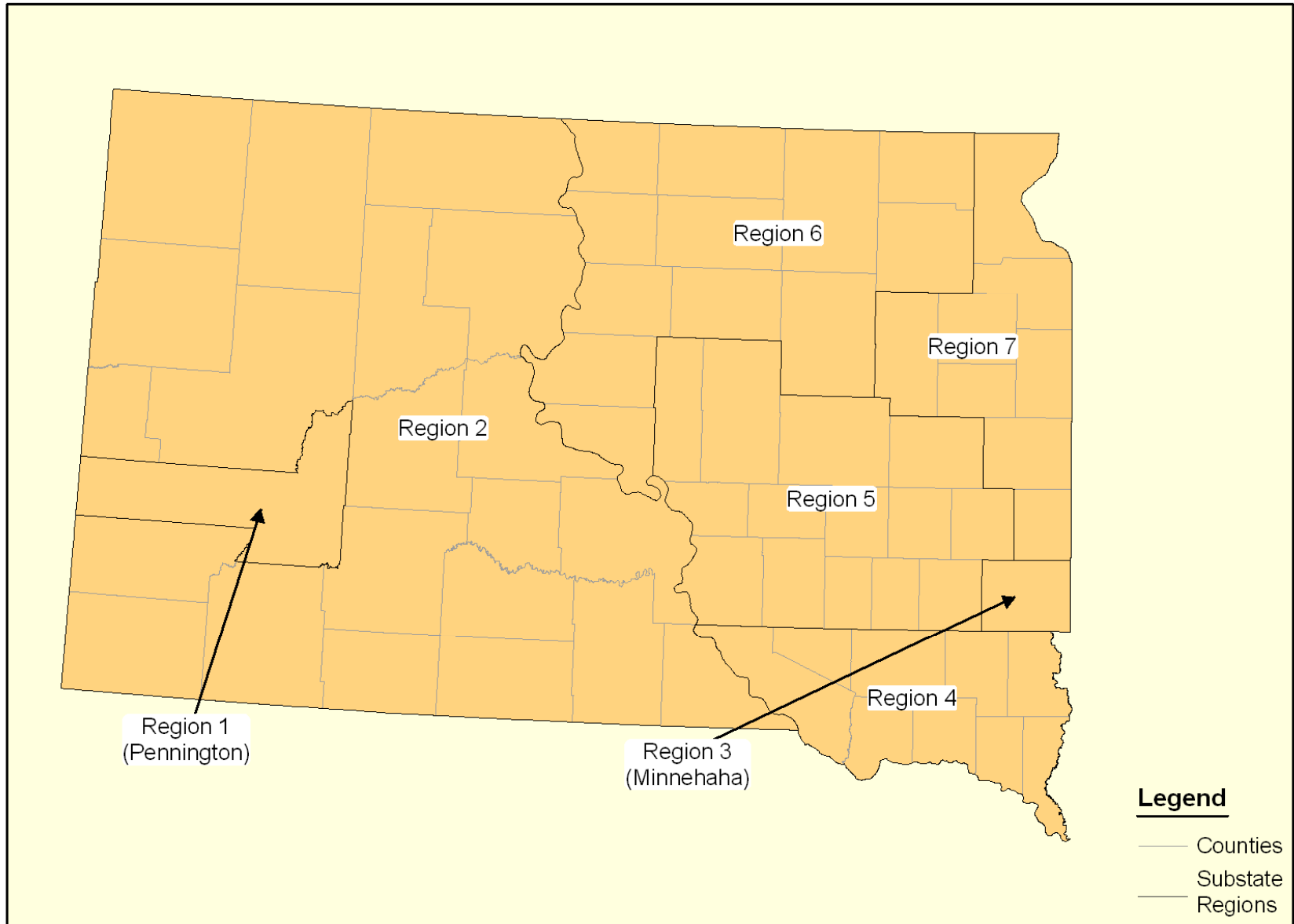


Table D42. SOUTH DAKOTA – Substate Regions (defined in terms of counties)

<p>The substate regions for South Dakota were defined in consultation with the State's Division of Alcohol and Drug Abuse, South Dakota Department of Human Services, and are defined in terms of the State's 66 counties. As per the State's request, estimates for seven substate regions along with two aggregate planning areas (Western and Eastern) and maps showing all seven regions are being produced.</p>						
Western Planning Area		Eastern Planning Area				
Region 1 (Pennington)	Region 2	Region 3 (Minnehaha)	Region 4	Region 5	Region 6	Region 7
Pennington	Bennett Butte Corson Custer Dewey Fall River Gregory Haakon Harding Jackson Jones Lawrence Lyman Meade Mellette Perkins Shannon Stanley Todd Tripp Ziebach	Minnehaha	Bon Homme Charles Mix Clay Douglas Hutchinson Lincoln Turner Union Yankton	Aurora Beadle Brule Buffalo Davison Hand Hanson Hyde Jerauld Kingsbury Lake McCook Miner Sanborn	Brown Campbell Day Edmunds Faulk Hughes Marshall McPherson Potter Spink Sully Walworth	Brookings Clark Codington Deuel Grant Hamlin Moody Roberts

Figure D43. TENNESSEE – Substate Regions (defined in terms of counties)

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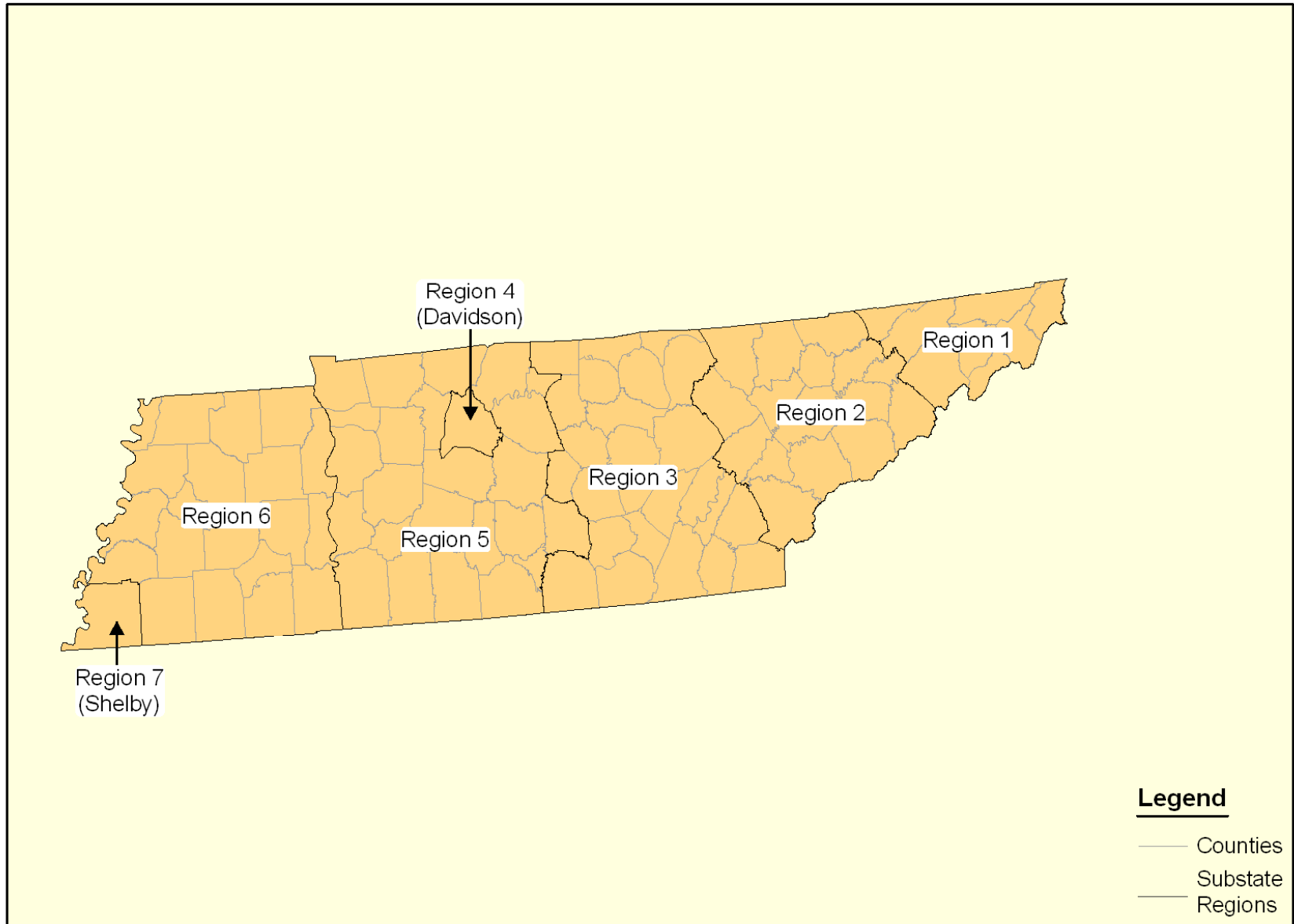


Table D43. TENNESSEE – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Bureau of Alcohol and Drug Abuse Services, Tennessee Department of Health, and are defined in terms of the State's 95 counties.						
Region 1	Region 2	Region 3	Region 4 (Davidson)	Region 5	Region 6	Region 7 (Shelby)
Carter Greene Hancock Hawkins Johnson Sullivan Unicoi Washington	Anderson Blount Campbell Claiborne Cocke Grainger Hamblen Jefferson Knox Loudon Monroe Morgan Roane Scott Sevier Union	Bledsoe Bradley Cannon Clay Cumberland DeKalb Fentress Franklin Grundy Hamilton Jackson Macon Marion McMinn Meigs Overton Pickett Polk Putnam Rhea Sequatchie Smith Van Buren Warren White	Davidson	Bedford Cheatham Coffee Dickson Giles Hickman Houston Humphreys Lawrence Lewis Lincoln Marshall Maury Montgomery Moore Perry Robertson Rutherford Stewart Sumner Trousdale Wayne Williamson Wilson	Benton Carroll Chester Crockett Decatur Dyer Fayette Gibson Hardeman Hardin Haywood Henderson Henry Lake Lauderdale Madison McNairy Obion Tipton Weakley	Shelby

Figure D44. TEXAS – Substate Regions (defined in terms of counties)

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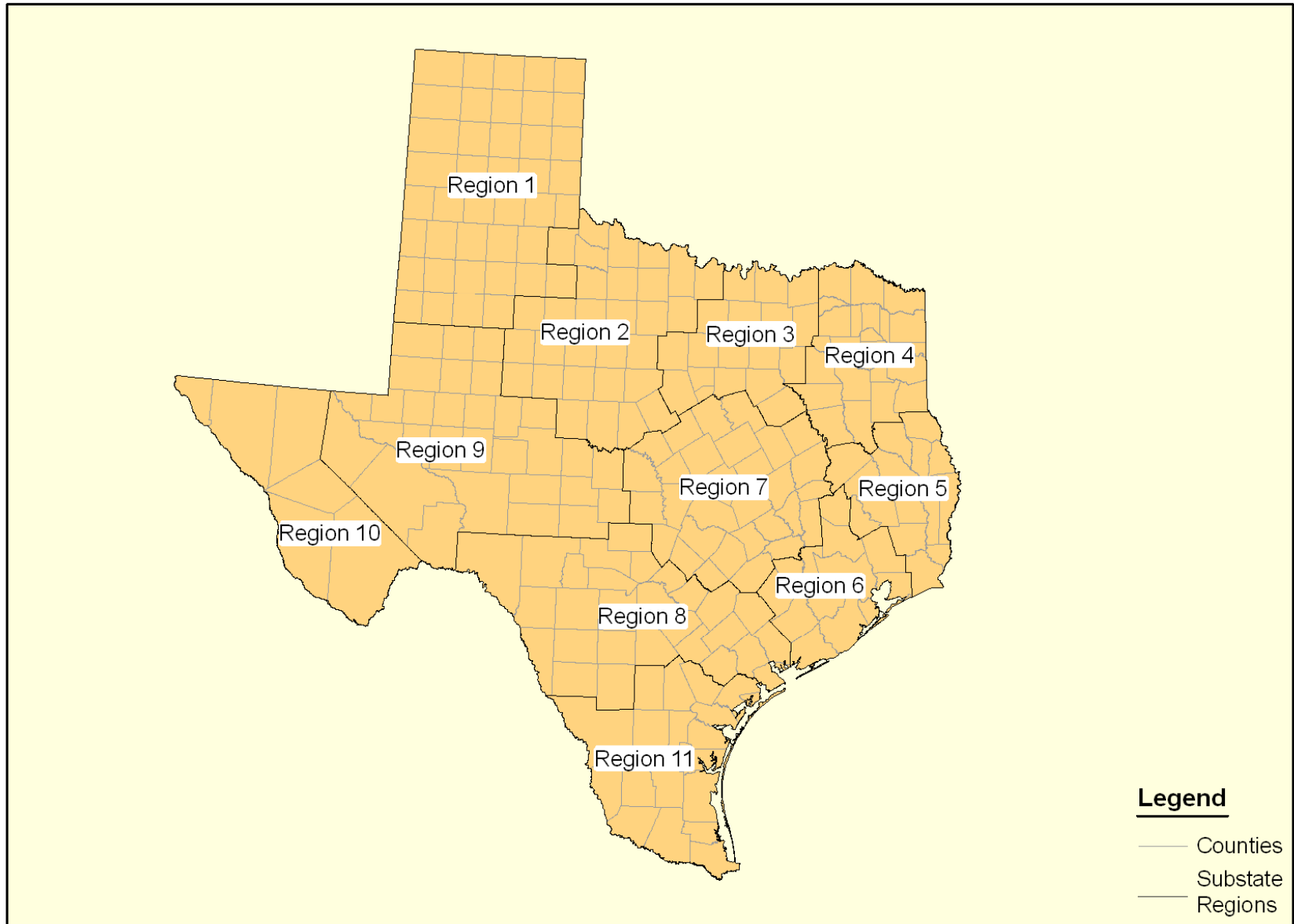


Table D44. TEXAS – Substate Regions (defined in terms of counties)

The substate region definitions were obtained from the Texas Department of State Health Services and are defined in terms of the State's 254 counties. As per the State's request, estimates for 15 substate regions along with 4 aggregate planning areas (Regions 3, 6, 7, and 11) and maps showing 11 regions (Regions 1 to 11) are being produced.

Region 1		Region 2	Region 3		Region 4	Region 5
			Region 3a	Region 3bc		
Armstrong	Lubbock	Archer	Collin	Cooke	Anderson	Angelina
Bailey	Lynn	Baylor	Dallas	Erath	Bowie	Hardin
Briscoe	Moore	Brown	Denton	Fannin	Camp	Houston
Carson	Motley	Callahan	Ellis	Grayson	Cass	Jasper
Castro	Ochiltree	Clay	Hunt	Hood	Cherokee	Jefferson
Childress	Oldham	Coleman	Kaufman	Johnson	Delta	Nacogdoches
Cochran	Parmer	Comanche	Navarro	Palo Pinto	Franklin	Newton
Collingsworth	Potter	Cottle	Rockwall	Parker	Gregg	Orange
Crosby	Randall	Eastland		Somervell	Harrison	Polk
Dallam	Roberts	Fisher		Tarrant	Henderson	Sabine
Deaf Smith	Sherman	Foard		Wise	Hopkins	San Augustine
Dickens	Swisher	Hardeman			Lamar	San Jacinto
Donley	Terry	Haskell			Marion	Shelby
Floyd	Wheeler	Jack			Morris	Trinity
Garza	Yoakum	Jones			Panola	Tyler
Gray		Kent			Rains	
Hale		Knox			Red River	
Hall		Mitchell			Rusk	
Hansford		Montague			Smith	
Hartley		Nolan			Titus	
Hemphill		Runnels			Upshur	
Hockley		Scurry			Van Zandt	
Hutchinson		Shackelford			Wood	
King		Stephens				
Lamb		Stonewall				
Lipscomb		Taylor				
		Throckmorton				
		Wichita				
		Wilbarger				
		Young				

(continued)

Table D44. TEXAS – Substate Regions (defined in terms of counties) (continued)

Region 6		Region 7					Region 11	
Region 6a	Region 6bc	Region 7a	Region 7bcd				Region 8	Region 9
Austin Chambers Colorado Fort Bend Harris Liberty Montgomery Walker Waller Wharton	Brazoria Galveston Matagorda	Bastrop Blanco Burnet Caldwell Fayette Hays Lee Llano Travis Williamson	Bell Bosque Brazos Burleson Coryell Falls Freestone Grimes Hamilton Hill Lampasas Leon Limestone Madison McLennan Milam Mills Robertson San Saba Washington	Atascosa Bandera Bexar Calhoun Comal De Witt Dimmit Edwards Frio Gillespie Goliad Gonzales Guadalupe Jackson Karnes Kendall Kerr Kinney La Salle Lavaca Maverick Medina Real Uvalde Val Verde Victoria Wilson Zavala	Andrews Borden Coke Concho Crane Crockett Dawson Ector Gaines Glasscock Howard Irion Kimble Loving Martin Mason McCulloch Menard Midland Pecos Reagan Reeves Schleicher Sterling Sutton Terrell Tom Green Upton Ward Winkler	Brewster Culberson El Paso Hudspeth Jeff Davis Presidio	Aransas Bee Brooks Cameron Duval Jim Hogg Jim Wells Kenedy Kleberg Live Oak McMullen Nueces Refugio San Patricio Starr Webb Willacy Zapata	Hidalgo

Figure D45. UTAH – Substate Regions (defined in terms of counties)

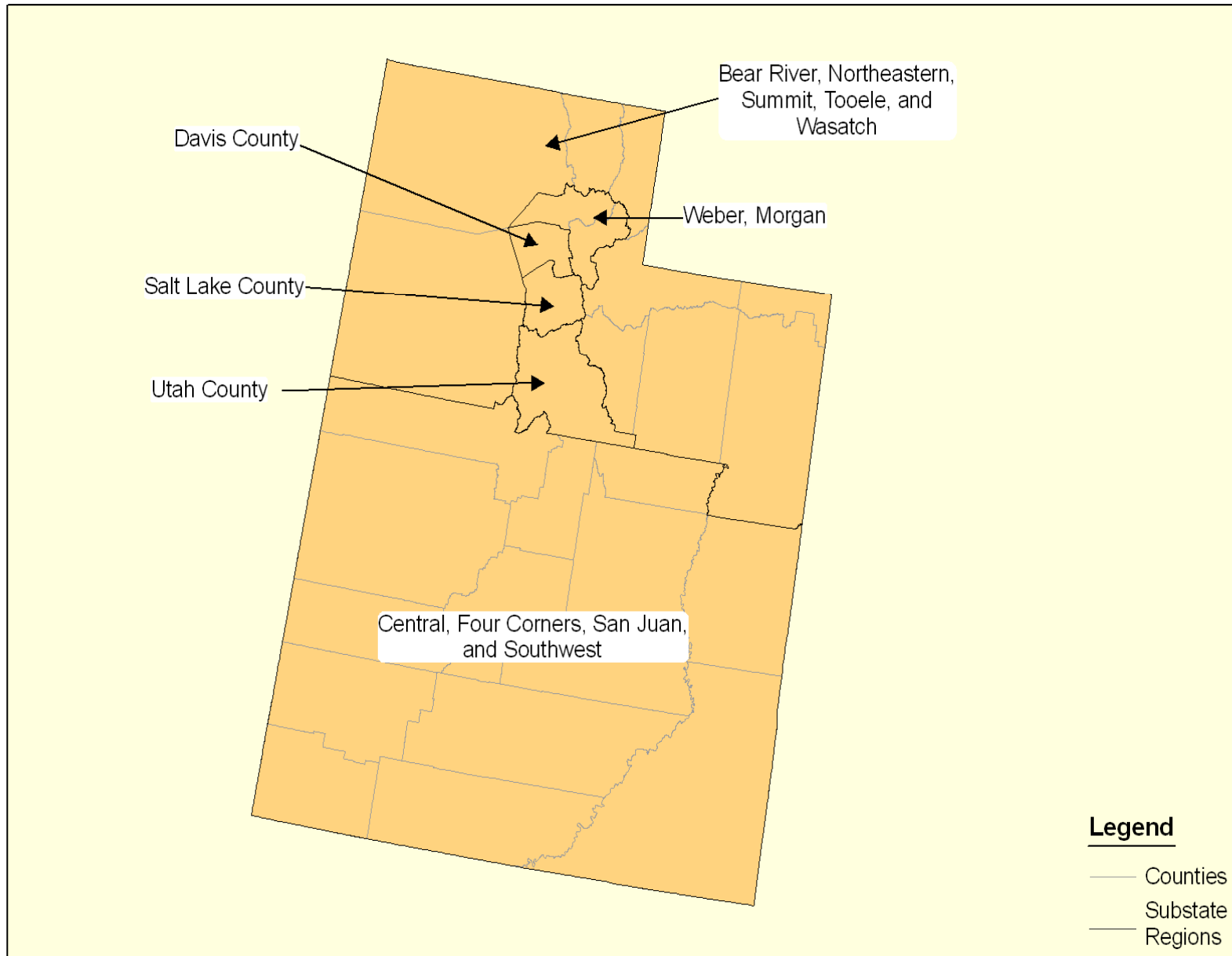


Table D45. UTAH – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Division of Substance Abuse and Mental Health, Utah Department of Human Services, and are defined in terms of the State's 29 counties.							
Bear River, Northeastern, Summit, Tooele, and Wasatch		Central, Four Corners, San Juan, and Southwest		Davis County	Salt Lake County	Utah County	Weber, Morgan
<u>Bear River</u>	<u>Summit</u>	<u>Central</u>	<u>San Juan</u>	Davis	Salt Lake	Utah	Morgan Weber
Box Elder	Summit	Juab	San Juan				
Cache		Millard					
Rich	<u>Tooele</u>	Piute	<u>Southwest</u>				
	Tooele	Sanpete	Beaver				
<u>Northeastern</u>		Sevier	Garfield				
Daggett	<u>Wasatch</u>	Wayne	Iron				
Duchesne	Wasatch		Kane				
Uintah		<u>Four Corners</u>	Washington				
		Carbon					
		Emery					
		Grand					

Figure D46. VERMONT - Substate Regions (defined in terms of counties)

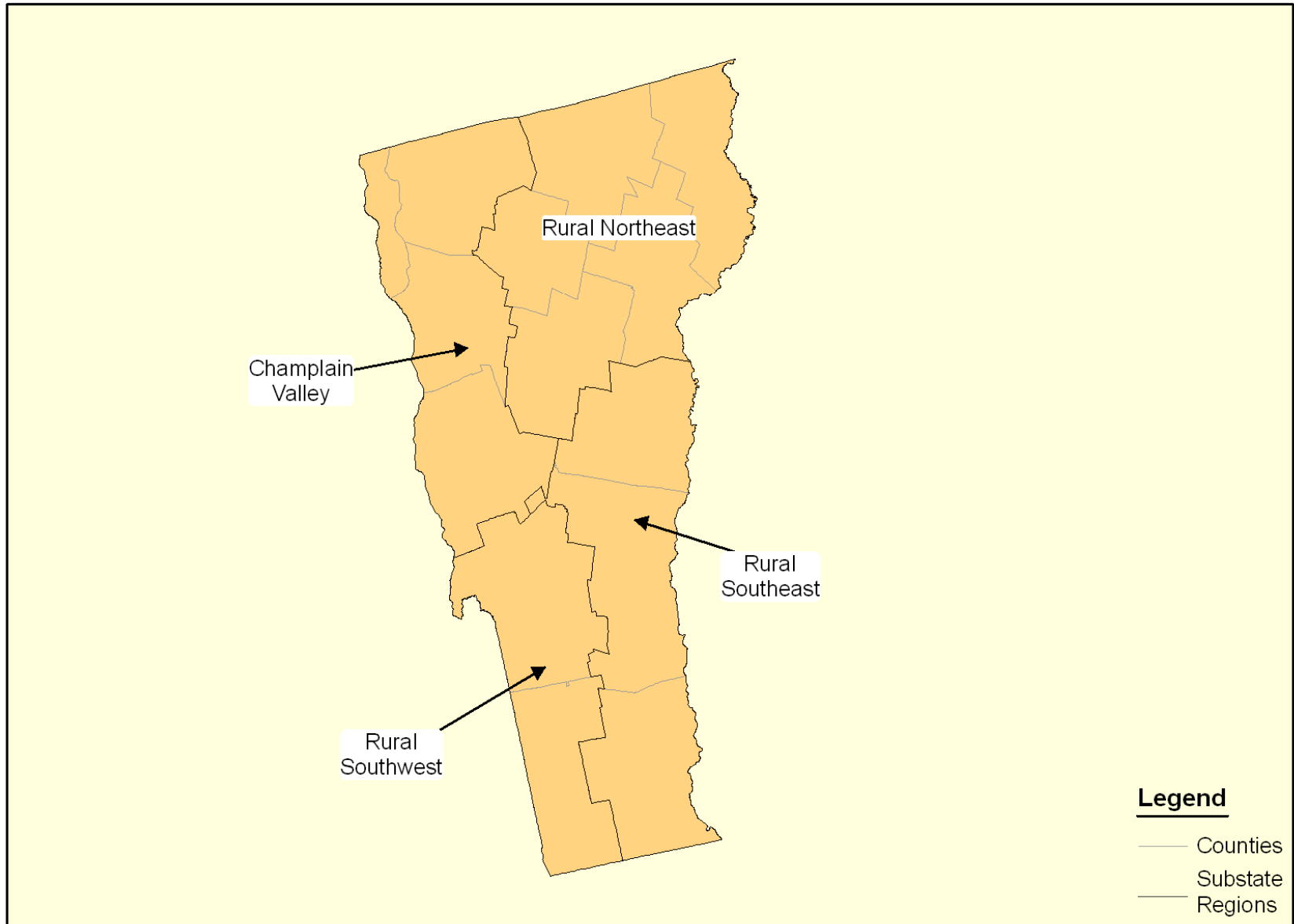


Table D46. VERMONT - Substate Regions (defined in terms of counties)

The substate regions were defined in consultation with the Vermont Department of Health and are defined in terms of the State's 14 counties.			
Champlain Valley	Rural Northeast	Rural Southeast	Rural Southwest
Addison Chittenden Franklin Grand Isle	Caledonia Essex Lamoille Orleans Washington	Orange Windham Windsor	Bennington Rutland

Figure D47. VIRGINIA – Substate Regions (defined in terms of counties)

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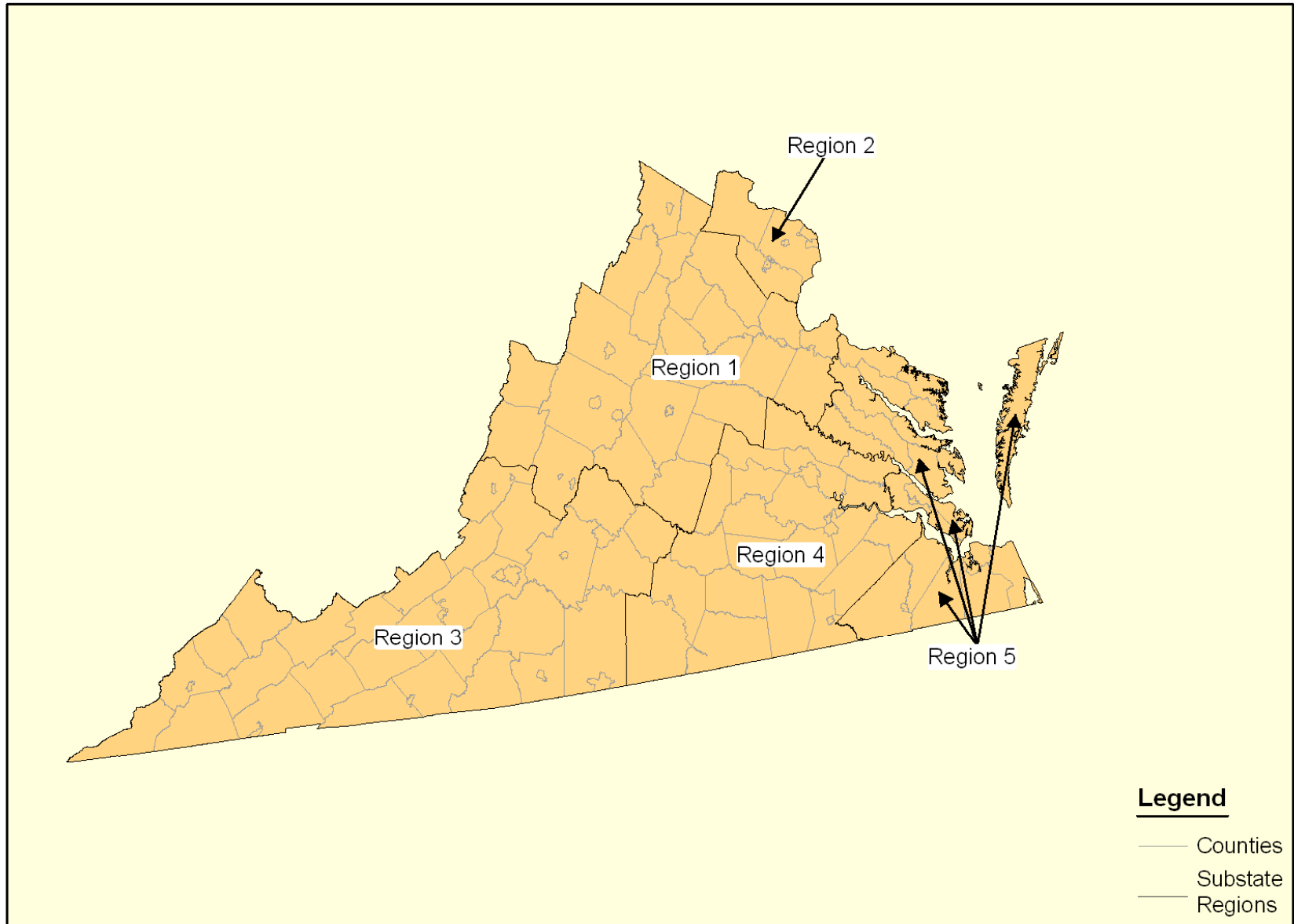


Table D47. VIRGINIA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Virginia Department of Mental Health, Mental Retardation, and Substance Abuse Services and were defined in terms of the State's 135 counties/independent cities.						
Region 1		Region 2	Region 3		Region 4	Region 5
Albemarle	Rockingham	Alexandria City	Alleghany	Montgomery	Amelia	Accomack
Augusta	Shenandoah	Arlington	Amherst	Norton City	Brunswick	Chesapeake City
Bath	Spotsylvania	Fairfax	Appomattox	Patrick	Charles City	Essex
Buckingham	Stafford	Fairfax City	Bedford	Pittsylvania	Charlotte	Franklin City
Buena Vista City	Staunton City	Falls Church City	Bedford City	Pulaski	Chesterfield	Gloucester
Caroline	Warren	Loudoun	Bland	Radford City	Colonial Heights City	Hampton City
Charlottesville City	Waynesboro City	Manassas City	Botetourt	Roanoke	Cumberland	Isle of Wight
Clarke	Winchester City	Manassas Park City	Bristol City	Roanoke City	Dinwiddie	James City
Culpeper		Prince William	Buchanan	Russell	Emporia City	King and Queen
Fauquier			Campbell	Salem City	Goochland	King William
Fluvanna			Carroll	Scott	Greensville	Lancaster
Frederick			Clifton Forge City	Smyth	Halifax	Mathews
Fredericksburg City			Covington City	Tazewell	Hanover	Middlesex
Greene			Craig	Washington	Henrico	Newport News City
Harrisonburg City			Danville City	Wise	Hopewell City	Norfolk City
Highland			Dickenson	Wythe	Lunenburg	Northampton
King George			Floyd		Mecklenburg	Northumberland
Lexington City			Franklin		New Kent	Poquoson City
Louisa			Galax City		Nottoway	Portsmouth City
Madison			Giles		Petersburg City	Richmond
Nelson			Grayson		Powhatan	Southampton
Orange			Henry		Prince Edward	Suffolk City
Page			Lee		Prince George	Virginia Beach City
Rappahannock			Lynchburg City		Richmond City	Westmoreland
Rockbridge			Martinsville City		Surry	Williamsburg City
					Sussex	York

Figure D48. WASHINGTON – Substate Regions (defined in terms of counties)

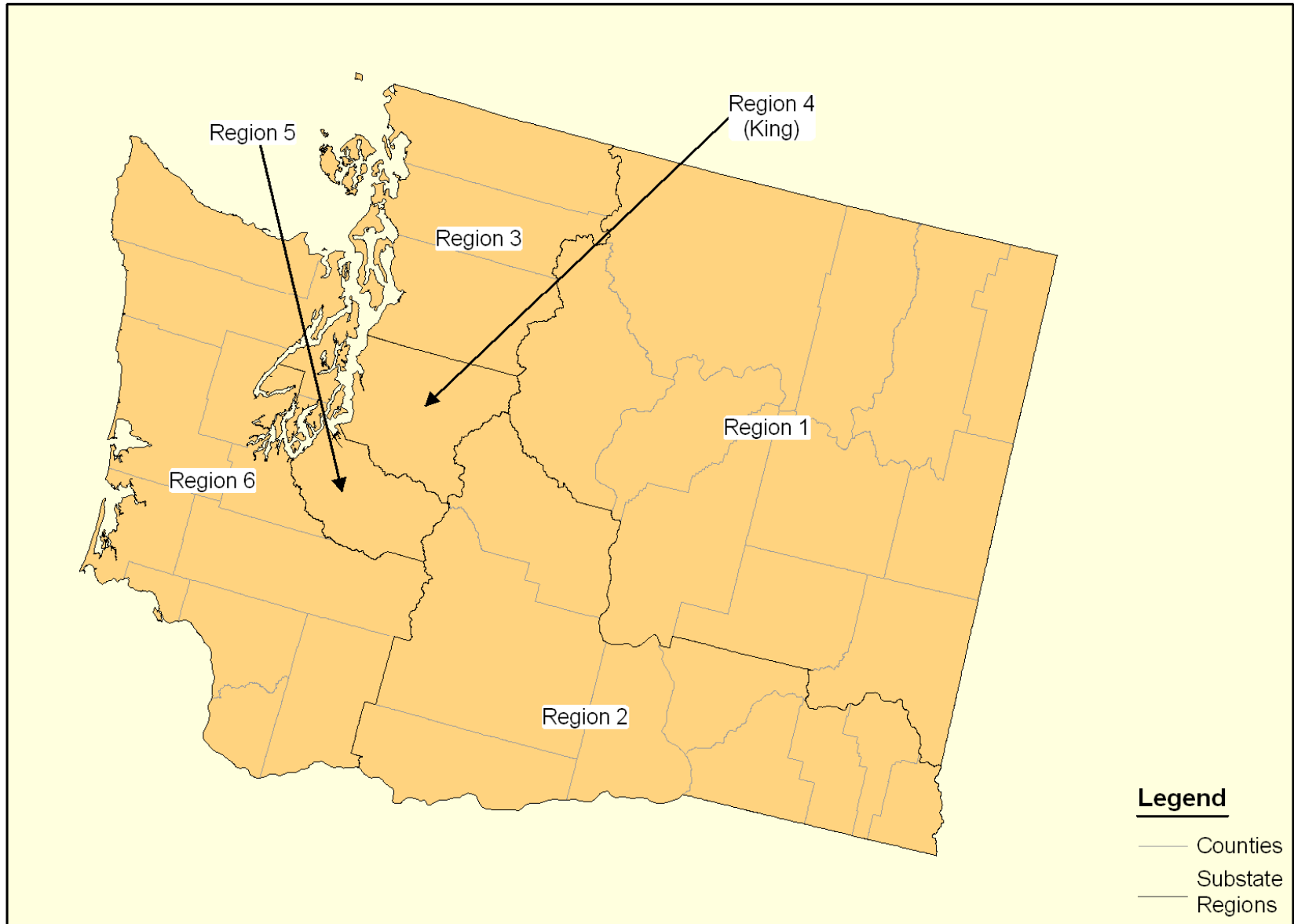
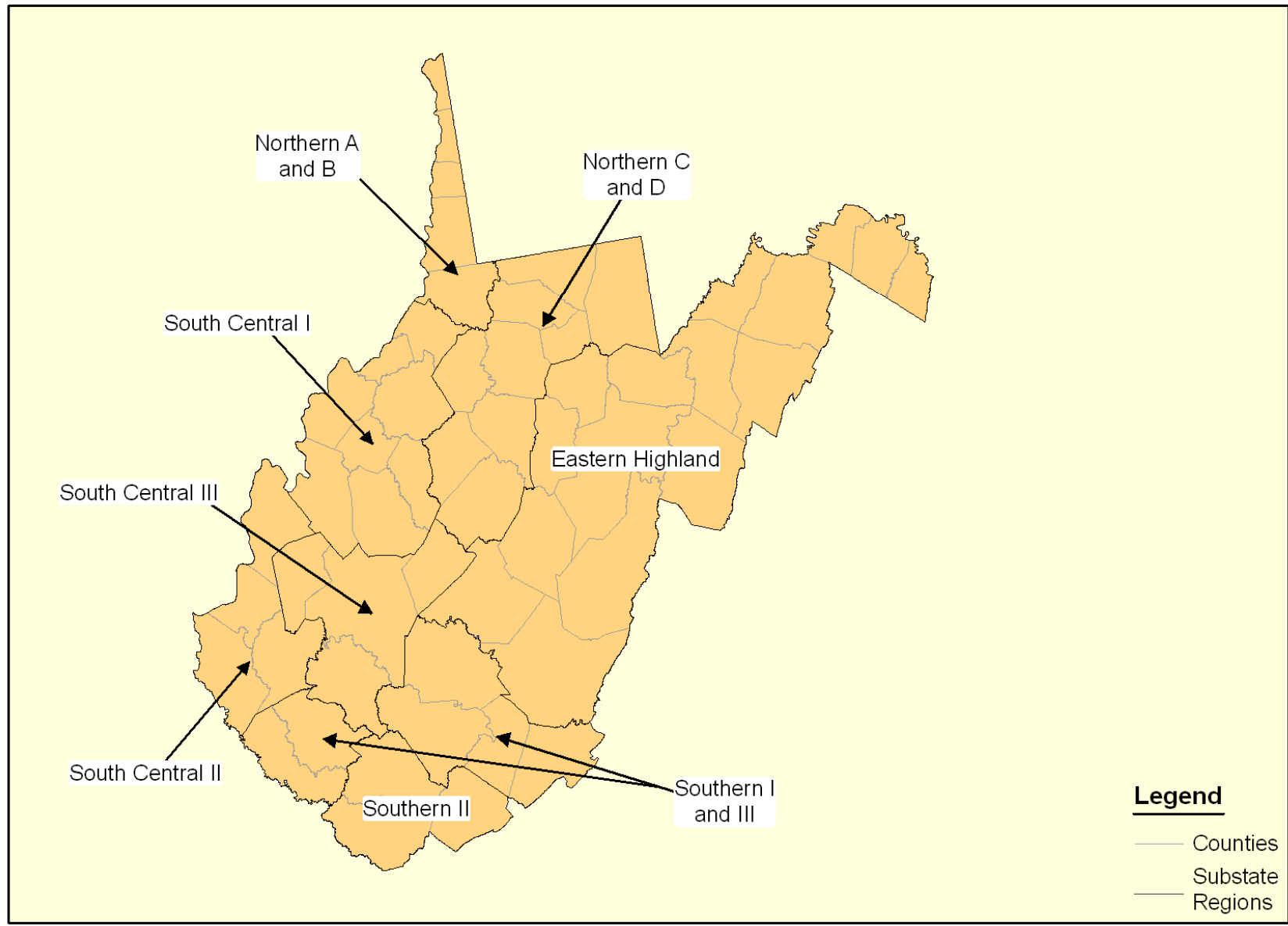


Table D48. WASHINGTON – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by Washington's Division of Alcohol and Substance Abuse, Department of Social and Health Services, and were defined in terms of the State's 39 counties.					
Region 1	Region 2	Region 3	Region 4 (King)	Region 5	Region 6
Adams Chelan Douglas Ferry Grant Lincoln Okanogan Pend Oreille Spokane Stevens Whitman	Asotin Benton Columbia Franklin Garfield Kittitas Klickitat Walla Walla Yakima	Island San Juan Skagit Snohomish Whatcom	King	Kitsap Pierce	Clallam Clark Cowlitz Grays Harbor Jefferson Lewis Mason Pacific Skamania Thurston Wahkiakum

Figure D49. WEST VIRGINIA – Substate Regions (defined in terms of counties)



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Table D49. WEST VIRGINIA – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the West Virginia Department of Health and Human Services and are defined in terms of the State's 55 counties. Due to sample size constraints, certain regions were combined to form substate regions. As per the State's request, estimates for eight substate regions along with three aggregate planning areas (Northern, South Central, and Southern) and maps showing all eight regions are being produced. The substate region definitions include nonadjacent counties being combined to form the Southern I and III region.

Eastern Highland	Northern		South Central			Southern	
	Northern A and B	Northern C and D	South Central I	South Central II	South Central III	Southern I and III	Southern II
Barbour	<u>Northern A</u>	<u>Northern C</u>	Calhoun	Cabell	Boone	<u>Southern I</u>	McDowell
Berkeley	Brooke	Marion	Jackson	Lincoln	Clay	Fayette	Mercer
Grant	Hancock	Monongalia	Pleasants	Mason	Kanawha	Monroe	Wyoming
Greenbrier		Preston	Ritchie	Wayne	Putnam	Raleigh	
Hampshire	<u>Northern B</u>	Taylor	Roane			Summers	
Hardy	Marshall		Tyler				
Jefferson	Ohio	<u>Northern D</u>	Wirt			<u>Southern III</u>	
Mineral	Wetzel	Braxton	Wood			Logan	
Morgan		Doddridge				Mingo	
Nicholas		Gilmer					
Pendleton		Harrison					
Pocahontas		Lewis					
Randolph							
Tucker							
Upshur							
Webster							

Figure D50. WISCONSIN – Substate Regions (defined in terms of counties)

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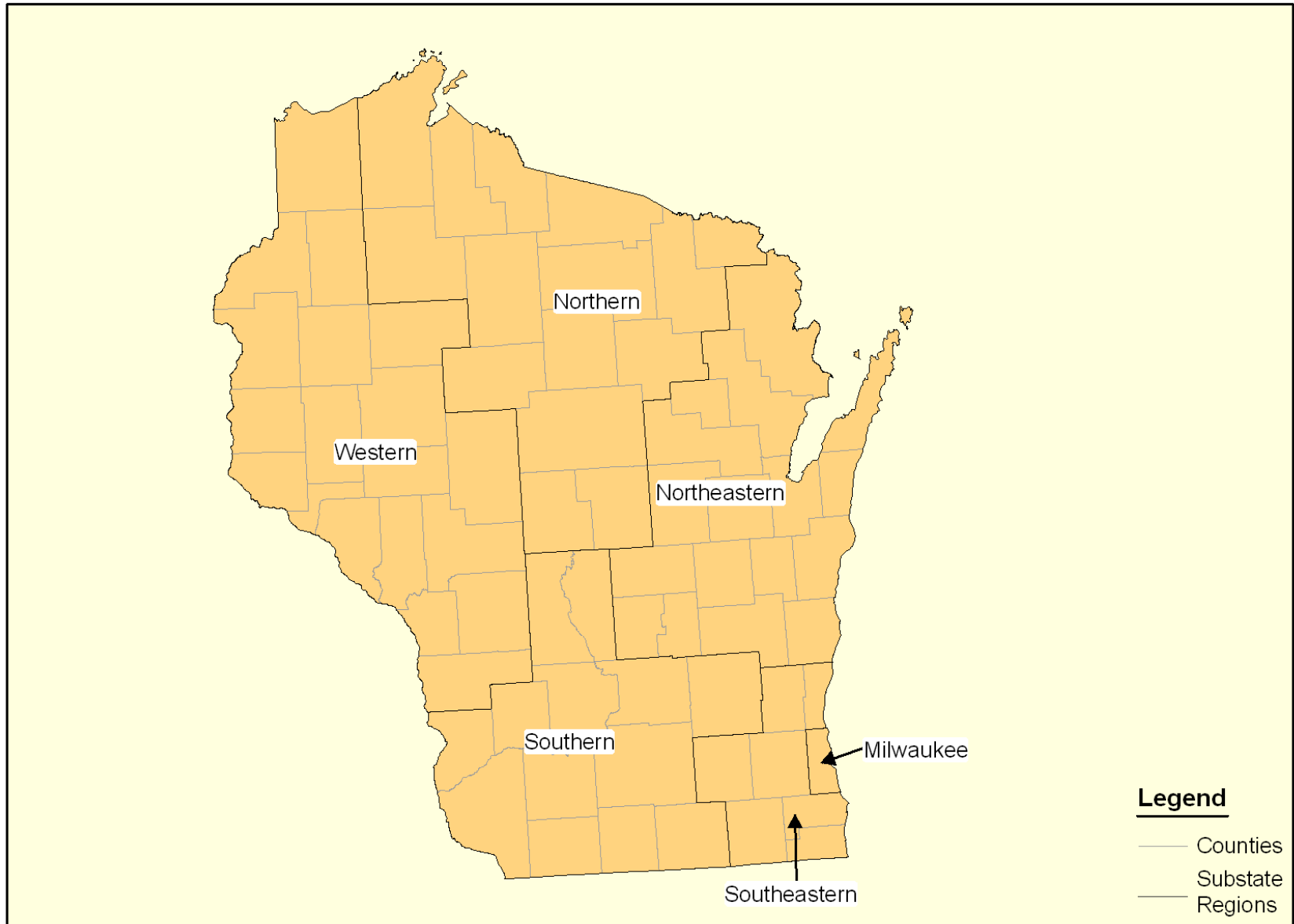


Table D50. WISCONSIN – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the State's Mental Health and Substance Abuse Services, Wisconsin Department of Health and Family Services, and are defined in terms of the State's 72 counties.					
Milwaukee	Northeastern	Northern	Southeastern	Southern	Western
Milwaukee	Brown Calumet Door Fond du Lac Green Lake Kewaunee Manitowoc Marinette Marquette Menominee Oconto Outagamie Shawano Sheboygan Waupaca Waushara Winnebago	Ashland Bayfield Florence Forest Iron Langlade Lincoln Marathon Oneida Portage Price Sawyer Taylor Vilas Wood	Jefferson Kenosha Ozaukee Racine Walworth Washington Waukesha	Adams Columbia Crawford Dane Dodge Grant Green Iowa Juneau Lafayette Richland Rock Sauk	Barron Buffalo Burnett Chippewa Clark Douglas Dunn Eau Claire Jackson La Crosse Monroe Pepin Pierce Polk Rusk St. Croix Trempealeau Vernon Washburn

Figure D51. WYOMING – Substate Regions (defined in terms of counties)

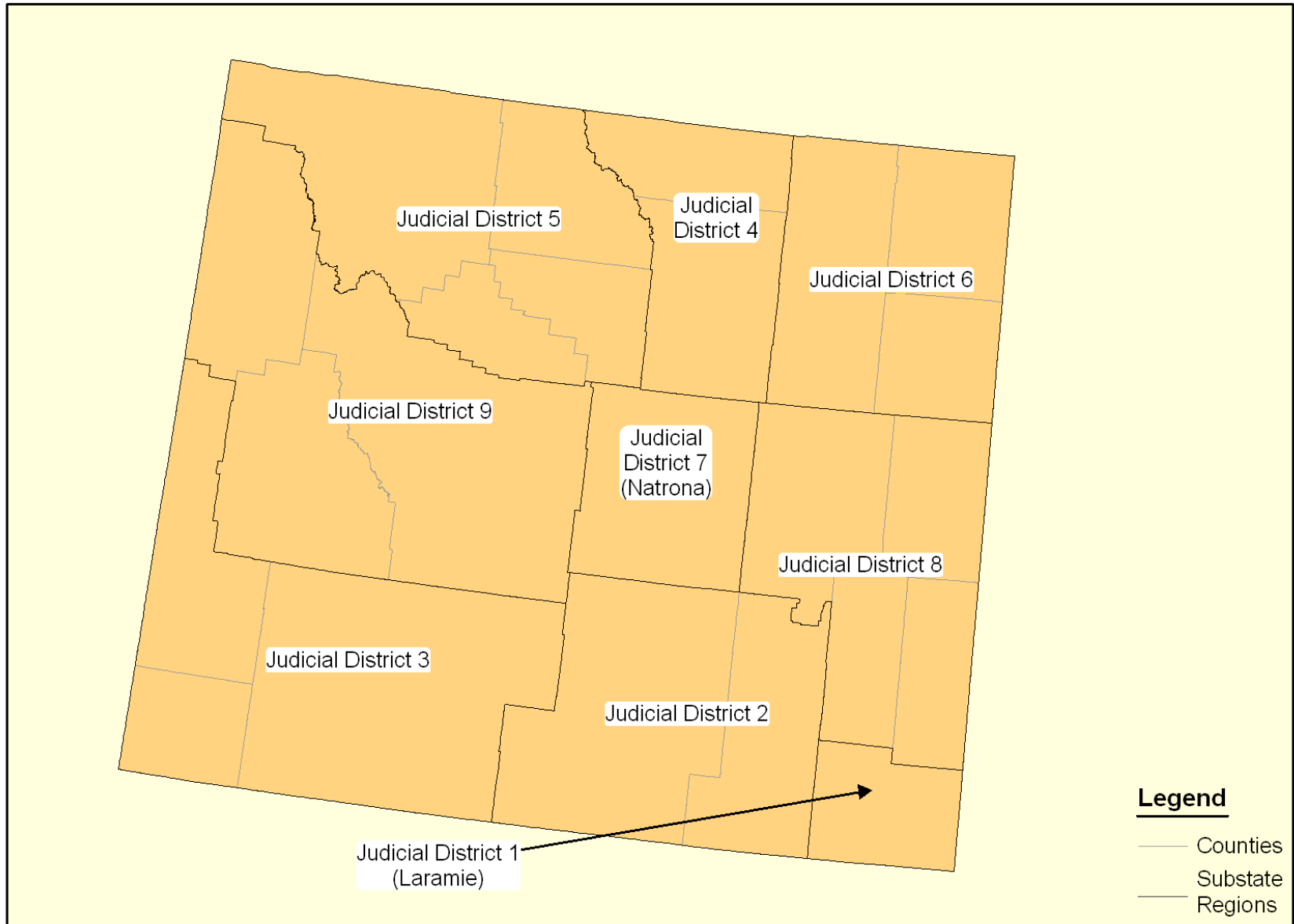


Table D51. WYOMING – Substate Regions (defined in terms of counties)

The substate regions defined here were provided by the Substance Abuse Division, Wyoming Department of Health, and are defined in terms of the State's 23 counties.								
Judicial District 1 (Laramie)	Judicial District 2	Judicial District 3	Judicial District 4	Judicial District 5	Judicial District 6	Judicial District 7 (Natrona)	Judicial District 8	Judicial District 9
Laramie	Albany Carbon	Lincoln Sweetwater Uinta	Johnson Sheridan	Big Horn Hot Springs Park Washakie	Campbell Crook Weston	Natrona	Converse Goshen Niobrara Platte	Fremont Sublette Teton

Section E: Sample Sizes and Population Estimates

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs

State/Substate Region	Total Sample Size¹	Population Estimate²
National	203,670	238,383,326
Alabama	2,719	3,738,595
Region 1	641	1,045,391
Region 2	822	1,195,902
Region 3	492	669,635
Region 4	764	827,667
Alaska	2,692	506,672
Gulf Coast	314	60,571
Rural	269	54,811
Southeast	282	59,688
Urban	1,827	331,601
Arizona	2,724	4,495,853
Maricopa	1,709	2,691,257
Pima	392	737,747
Rural North	422	531,036
Rural South	201	535,813
Arkansas	2,699	2,248,591
Areas 1 and 5	529	510,820
Areas 2 and 3	283	284,447
Areas 4 and 7	426	323,445
Area 6	258	185,212
Areas 8 and 12	342	258,470
Area 9	486	420,831
Areas 10, 11, and 13	375	265,366
California	10,924	28,640,736
Region 1	323	771,749
Region 2	889	2,569,654
Region 3	524	1,126,240
Region 4	489	1,559,888
Region 5	785	2,039,235
Region 6 (Santa Clara)	532	1,451,273
Region 7	233	612,337
Region 8	556	1,193,606
Region 9	286	764,849
Region 10	361	974,799
Region 11 (Los Angeles)	3,170	7,949,895
Region 12	652	1,418,884
Region 13 (Riverside)	403	1,291,836
Region 14 (Orange)	807	2,404,593
Region 15	914	2,511,897

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size ¹	Population Estimate ²
Colorado	2,759	3,734,649
Region 1	418	469,436
Regions 2 and 7	1,513	2,098,364
Region 3	339	537,763
Region 4	206	222,138
Regions 5 and 6	283	406,948
Connecticut	2,807	2,869,984
Eastern	303	340,328
North Central	887	808,277
Northwestern	485	493,440
South Central	661	677,227
Southwest	471	550,713
Delaware	2,807	676,230
Kent	454	107,095
New Castle (excluding Wilmington city)	1,628	362,404
Sussex	503	142,701
Wilmington City	222	64,030
District of Columbia	2,716	476,169
Ward 1	310	59,823
Ward 2	307	65,109
Ward 3	370	69,746
Ward 4	315	63,437
Ward 5	350	57,199
Ward 6	209	56,964
Ward 7	422	54,490
Ward 8	433	49,400
Florida	10,856	14,163,444
District 1	382	540,910
District 2	491	569,829
District 3	381	448,978
District 4	783	959,108
District 7	1,324	1,688,808
District 8	525	825,351
District 9 (Palm Beach)	725	1,011,059
District 10 (Broward)	1,019	1,412,085
District 11	1,579	2,055,980
District 12	490	440,686
District 13	482	706,807
District 14	460	527,030
District 15	338	425,747
Suncoast	1,877	2,551,067

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size ¹	Population Estimate ²
Georgia	2,689	6,959,438
Region 1	446	940,001
Region 2	477	1,146,526
Region 3	1,082	2,951,882
Region 4	326	939,561
Region 5	358	981,469
Hawaii	2,756	1,003,498
Hawaii Island	365	124,463
Honolulu	1,972	721,941
Kauai and Maui	419	157,093
Idaho	2,721	1,106,717
Region 1	338	157,266
Region 2	219	87,227
Region 3	453	163,937
Region 4	685	302,359
Region 5	397	136,463
Region 6	306	125,832
Region 7	323	133,633
Illinois	11,015	10,322,088
Region I (Cook)	4,348	4,417,932
Region II	3,147	2,991,864
Region III	1,414	1,178,720
Region IV	910	756,690
Region V	1,196	976,882
Indiana	2,739	5,101,122
Central	634	1,245,713
East	250	463,956
North Central	387	758,690
Northeast	308	510,198
Northwest	352	589,933
Southeast	302	545,093
Southwest	203	409,001
West	303	578,538
Iowa	2,668	2,484,098
Central	399	414,698
North Central	362	287,483
Northeast	739	603,925
Northwest	380	412,105
Southeast	544	529,058
Southwest	244	236,829

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size¹	Population Estimate²
Kansas	2,601	2,212,747
Kansas City Metro	829	692,580
Northeast	490	430,459
South Central	339	295,639
Southeast	219	163,708
West	268	264,053
Wichita (Sedgwick)	456	366,308
Kentucky	2,750	3,418,175
Adanta, Cumberland River, and Lifeskills	549	584,975
Bluegrass, Comprehend, and North Key	794	971,447
Communicare and River Valley	275	376,105
Four Rivers and Pennyroyal	219	340,620
Kentucky River, Mountain, and Pathways	327	414,354
Seven Counties	586	730,674
Louisiana	2,806	3,645,652
Region 1	262	463,930
Regions 2 and 9	762	866,590
Region 3	260	309,355
Region 4	349	445,315
Regions 5 and 6	364	473,252
Regions 7 and 8	550	710,752
Region 10 (Jefferson)	259	376,459
Maine	2,730	1,122,916
Planning Region 1	1,004	402,704
Region 1 (Cumberland)	597	235,526
Region 2 (York)	407	167,178
Planning Region 2	1,112	440,195
Region 3	506	192,251
Region 4	302	118,793
Region 5	304	129,151
Planning Region 3	614	280,017
Region 6 (Penobscot)	359	126,881
Region 7	255	153,136

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size¹	Population Estimate²
Maryland	2,683	4,511,986
Anne Arundel	232	420,996
Baltimore City	376	524,038
Central	580	1,053,167
Montgomery	453	752,565
Prince George's	396	668,847
Rural	315	588,426
Western	331	503,948
Massachusetts	2,757	5,392,745
Boston	330	655,027
Central	324	675,603
Metrowest	630	1,259,508
Northeast	537	1,053,294
Southeast	548	1,056,546
Western	388	692,768
Michigan	11,129	8,312,012
Bay	325	299,889
Detroit City	945	721,027
Genesee	505	355,660
Kalamazoo	727	405,603
Kent	729	479,915
Lakeshore	929	611,837
Macomb	785	674,748
Mid South	1,151	876,690
Northern	880	730,896
Oakland	1,217	1,009,662
Pathways	232	177,120
Saginaw	208	171,910
Southeast	1,390	1,027,047
St. Clair	330	252,499
Washtenaw	538	420,486
Western	238	97,024
Minnesota	2,689	4,227,533
Regions 1 and 2	290	445,529
Regions 3 and 4	504	683,879
Regions 5 and 6	509	828,450
Region 7A (Hennepin)	606	968,298
Region 7B (Ramsey)	253	436,013
Region 7C	527	865,362

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size ¹	Population Estimate ²
Mississippi	2,652	2,335,004
Region 1	533	489,477
Region 2	393	336,136
Region 3	365	345,309
Region 4	509	406,343
Region 5	203	153,210
Region 6	259	230,785
Region 7	390	373,744
Missouri	2,719	4,714,191
Central	406	637,365
Eastern	882	1,656,405
Eastern (St. Louis City and County)	606	1,112,676
Eastern (excluding St. Louis)	276	543,730
Northwest	670	1,139,174
Northwest (Jackson)	396	540,975
Northwest (excluding Jackson)	274	598,199
Southeast	290	572,850
Southwest	471	708,398
Montana	2,732	773,692
Region 1	260	66,068
Region 2	418	118,272
Region 3	510	157,914
Region 4	803	197,587
Region 5	741	233,851
Nebraska	2,706	1,424,181
Regions 1 and 2	276	160,125
Region 3	336	185,747
Region 4	345	177,257
Region 5	712	352,077
Region 6	1,037	548,975
Nevada	2,744	1,819,654
Clark	1,739	1,272,420
Rural	449	252,450
Washoe	556	294,784

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size¹	Population Estimate²
New Hampshire	2,724	1,090,971
Central	875	306,886
Central 1	499	150,826
Central 2	376	156,060
Northern	362	143,071
Southern	1,487	641,015
Southern 1 (Rockingham)	525	242,087
Southern 2	962	398,928
New Jersey	2,623	7,122,220
Central	618	1,623,001
Metropolitan	623	1,730,183
Northern	852	2,301,135
Southern	530	1,467,901
New Mexico	2,540	1,532,154
Region 1	515	307,463
Region 2	302	241,179
Region 3 (Bernalillo)	836	473,778
Region 4	325	197,427
Region 5	562	312,307
New York	10,988	15,936,611
Region A	4,114	6,783,637
Region 1	727	1,086,902
Region 2	1,458	2,420,786
Region 3	811	1,358,851
Region 4	1,118	1,917,099
Region B	2,197	3,390,472
Region 5	1,501	2,301,946
Region 6	696	1,088,527
Region C	3,615	4,453,090
Region 7	453	672,377
Region 8	622	799,365
Region 9	593	781,149
Region 10	424	368,537
Region 11	742	863,023
Region 12	781	968,641
Region D	1,062	1,309,411
Region 13	323	405,254
Region 14	332	443,294
Region 15	407	460,863

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size ¹	Population Estimate ²
North Carolina	2,675	6,852,670
Eastern	628	1,335,969
North Central	612	1,594,528
South Central	549	1,632,048
Western	886	2,290,125
North Dakota	2,691	532,496
Badlands and West Central	646	139,380
Lake Region and South Central	447	84,477
North Central and Northwest	458	94,234
Northeast	393	75,254
Southeast	747	139,151
Ohio	10,726	9,430,911
Boards 2, 46, 55, and 68	489	426,037
Boards 3, 52, and 85	407	297,031
Boards 4 and 78	311	271,228
Boards 5 and 60	319	275,831
Boards 7, 15, 41, 79, and 84	397	395,761
Boards 8, 13, and 83	424	357,481
Board 9 (Butler)	346	280,030
Board 12	354	279,065
Boards 18 and 47	1,434	1,370,748
Boards 20, 32, 54, and 69	344	286,010
Boards 21, 39, 51, 70, and 80	454	409,517
Boards 22, 74, and 87	338	323,375
Boards 23 and 45	356	275,625
Board 25 (Franklin)	1,136	896,680
Boards 27, 71, and 73	438	400,256
Boards 28, 43, and 67	511	397,548
Board 31 (Hamilton)	712	685,266
Board 48 (Lucas)	517	369,627
Board 50 and 76	507	525,946
Board 57 (Montgomery)	421	455,742
Board 77 (Summit)	511	452,108
Oklahoma	2,660	2,855,085
Central	302	312,768
East Central	268	332,368
Northeast	405	373,740
Northwest and Southwest	357	427,811
Oklahoma County	414	539,723
Southeast	388	407,490
Tulsa County	526	461,185

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size ¹	Population Estimate ²
Oregon	2,739	2,973,905
Region 1 (Multnomah)	518	583,586
Region 2	677	678,432
Region 3	809	935,309
Region 4	458	438,254
Region 5	277	338,324
Pennsylvania	10,768	10,351,563
Region 1 (Allegheny)	1,129	1,071,775
Regions 2, 3, 8, and 9	547	568,074
Regions 4, 11, 42, and 48	677	704,023
Regions 5, 20, 26, 28, and 40	752	593,701
Regions 6, 12, 16, 35, 39, 41, 44, and 45	713	623,668
Regions 7, 13, 22, and 37	1,940	1,966,710
Regions 10, 14, 15, 25, 31, 36, and 46	593	488,904
Regions 17, 24, 27, 43, and 47	618	718,048
Region 18 (Philadelphia)	1,390	1,224,324
Regions 19 and 23	308	309,413
Regions 21, 30, 32, and 49	1,182	1,112,909
Regions 29 and 34	461	476,095
Regions 33 and 38	458	493,920
Rhode Island	2,750	907,237
Bristol and Newport	364	118,008
Kent	477	144,619
Providence	1,596	535,344
Washington	313	109,266
South Carolina	2,718	3,420,953
Region 1	651	906,807
Region 2	1,079	1,013,492
Region 3	431	609,218
Region 4	557	891,436

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size ¹	Population Estimate ²
South Dakota	2,688	629,601
Eastern Planning Area	1,894	444,684
Region 3 (Minnehaha)	598	126,777
Region 4	327	92,843
Region 5	311	70,938
Region 6	357	76,176
Region 7	301	77,950
Western Planning Area	794	184,917
Region 1 (Pennington)	349	74,298
Region 2	445	110,619
Tennessee	2,672	4,889,397
Region 1	203	414,256
Region 2	401	910,385
Region 3	507	790,049
Region 4 (Davidson)	314	488,498
Region 5	506	1,032,544
Region 6	299	515,952
Region 7 (Shelby)	442	737,713
Texas	10,846	17,474,613
Region 1	414	637,742
Region 2	248	454,802
Region 3	3,026	4,632,679
Region 3a	2,017	2,947,625
Region 3bc	1,009	1,685,054
Region 4	456	853,162
Region 5	312	614,847
Region 6	2,640	4,048,145
Region 6a	2,333	3,604,775
Region 6bc	307	443,370
Region 7	1,375	2,001,108
Region 7a	768	1,197,112
Region 7bcd	607	803,996
Region 8	983	1,803,636
Region 9	269	423,600
Region 10	315	572,068
Region 11	808	1,432,825
Region 11abd	490	960,002
Region 11c (Hidalgo)	318	472,823

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size ¹	Population Estimate ²
Utah	2,697	1,832,958
Bear River, Northeastern, Summit, Tooele, and Wasatch	339	214,404
Central, Four Corners, San Juan, and Southwest	249	216,491
Davis County	300	191,426
Salt Lake County	1,020	738,410
Utah County	533	302,906
Weber, Morgan	256	169,323
Vermont	2,737	534,674
Champlain Valley	1,106	205,867
Rural Northeast	706	126,316
Rural Southeast	508	114,597
Rural Southwest	417	87,893
Virginia	2,693	5,946,908
Region 1	391	887,644
Region 2	650	1,539,440
Region 3	468	1,113,747
Region 4	526	1,010,996
Region 5	658	1,395,083
Washington	2,728	5,071,678
Region 1	341	650,558
Region 2	239	458,959
Region 3	462	829,229
Region 4 (King)	803	1,511,053
Region 5	436	791,304
Region 6	447	830,575
West Virginia	2,678	1,547,545
Eastern Highland	567	318,523
Northern	706	393,024
Northern A and B	227	133,464
Northern C and D	479	259,561
South Central	924	552,785
South Central I	233	147,180
South Central II	261	161,876
South Central III	430	243,729
Southern	481	283,212
Southern I and III	272	187,150
Southern II	209	96,062

See notes at end of table.

(continued)

Table E1. Sample Sizes and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2002, 2003, and 2004 NSDUHs (continued)

State/Substate Region	Total Sample Size ¹	Population Estimate ²
Wisconsin	2,691	4,589,917
Milwaukee	461	770,589
Northeastern	588	999,044
Northern	252	416,180
Southeastern	481	918,853
Southern	536	845,000
Western	373	640,251
Wyoming	2,649	420,883
Judicial District 1 (Laramie)	389	69,847
Judicial District 2	345	41,891
Judicial District 3	386	58,398
Judicial District 4	205	29,352
Judicial District 5	270	42,994
Judicial District 6	284	38,938
Judicial District 7 (Natrona)	309	56,420
Judicial District 8	228	30,302
Judicial District 9	233	52,742

¹ Total sample size is the combined sample size from the 2002, 2003, and 2004 NSDUHs.

² Population Estimate is the simple average of the 2002, 2003, and 2004 population counts for persons aged 12 or older. The sum of the substate region population counts within a State may not exactly match the State population count listed in the table due to rounding.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

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**Appendix: Difference between the Highest
and Lowest Prevalence Substate Regions
within Each State**

Appendix:

Difference between the Highest and Lowest Prevalence Substate Regions within Each State

To test the difference between the prevalence of two substate regions, say region 1 (with the lowest estimate) and region 2 (with the highest estimate), in a particular State, let π_1 and π_2 denote the respective small area estimates.

We want to test the hypothesis that $\pi_2 = \pi_1$ or equivalently test $\pi_2 - \pi_1 = 0$.

The difference between π_1 and π_2 is defined in terms of the log-odds ratio (*lor*) as opposed to the simple difference because the posterior distribution of the *lor* is closer to Gaussian than the posterior distribution of the simple difference ($\pi_2 - \pi_1$).

The *lor* is defined as $lor = \log \{ [\pi_2 / (1 - \pi_2)] \div [\pi_1 / (1 - \pi_1)] \}$.

So, the above hypothesis is now transformed to testing $lor = 0$. To compute the posterior variance of *lor*- $v(lor)$, we define the log-odds ratio for each of the 1,250 Markov Chain Monte Carlo (MCMC) cycles as follows:

$$l_i = \log \{ [p_{2i} / (1 - p_{2i})] \div [p_{1i} / (1 - p_{1i})] \}, \text{ where } i = 1, 2, \dots, 1,250.$$

In the definition of l_i above, p_{2i} and p_{1i} denote, respectively, the prevalence estimates of regions 2 and 1 for the i -th MCMC cycle.

Then $v(lor)$ is approximated by $v_l = \frac{1}{1,250} \left[\sum_{i=1}^{1,250} (l_i - \bar{l})^2 \right]$, where $\bar{l} = \frac{1}{1,250} \sum_{i=1}^{1,250} l_i$.

To calculate the p -value for testing the null hypothesis of no difference ($lor = 0$), it is assumed that the posterior distribution of *lor* is normal with mean = \bar{l} and variance = v_l .

With the null value of $lor = 0$, the Bayes p -value or posterior probability of no difference is $p\text{-value} = 2 * P [Z \geq abs(z)]$, where Z is a standard normal random variate,

$$z = (\bar{l} \div \sqrt{v_l}), \text{ and } abs(z) \text{ denotes the absolute value of } Z.$$

Note that the unbenchmarked estimate of the prevalence was used in this significance testing. Also note that for States like New Hampshire, New York, and Texas, prevalences of the substate regions were tested rather than testing the prevalences of the aggregate regions presented on the map. Aggregate estimates for these States were calculated by combining several substate regions (the aggregate estimates are hence more centered, rather than being extreme). So, for the purpose of significance testing of the extreme (min, max) regions, we preferred to test the prevalences of the individual regions.

Tables for past year cocaine use, past month marijuana use, and past month alcohol use are presented in this appendix. Our intent was to choose a few measures that have varying levels of the national prevalence estimates, from very low for cocaine to very high for alcohol use.

Table T1. Cocaine Use in Past Year, Differences between Lowest and Highest Prevalence Substate Regions within Each State: 2002, 2003, and 2004 NSDUHs

State	Lowest Prevalence Substate Region within State		Highest Prevalence Substate Region within State		p value
	Substate Region Name	Estimate	Substate Region Name	Estimate	
Alabama	Region 1	1.93	Region 2	2.52	0.153
Alaska	Rural	1.80 ^a	Southeast	2.80	0.047
Arizona	Rural North	2.94 ^a	Pima	4.28	0.041
Arkansas	Areas 2 and 3	1.55 ^b	Area 9	2.24	0.059
California	Region 14 (Orange)	2.18 ^a	Region 4	3.63	0.010
Colorado	Region 4	3.00	Regions 2 and 7	4.01	0.125
Connecticut	North Central	2.03	Eastern	2.31	0.513
Delaware	Sussex	2.25	Wilmington City	3.15	0.164
District of Columbia	Ward 8	2.76	Ward 2	3.70	0.281
Florida	District 13	1.85 ^a	District 10 (Broward)	2.95	0.018
Georgia	Region 1	1.86	Region 4	2.50	0.178
Hawaii	Kauai and Maui	1.87	Honolulu	1.99	0.737
Idaho	Region 5	1.50	Region 2	1.81	0.359
Illinois	Region II	2.27	Region I (Cook)	2.85	0.101
Indiana	Southeast	2.05	Central	2.75	0.128
Iowa	Northwest	1.77	Southeast	2.22	0.236
Kansas	South Central	1.82	Wichita (Sedgwick)	2.39	0.162
Kentucky	Adanta, Cumberland River, and Lifeskills	2.19	Bluegrass, Comprehend, and North Key	2.80	0.180
Louisiana	Regions 7 and 8	2.16 ^b	Region 1	3.45	0.056
Maine	Region 5	2.06 ^b	Region 1 (Cumberland)	2.94	0.062
Maryland	Montgomery	1.41 ^a	Baltimore City	3.52	0.001
Massachusetts	Northeast	2.50 ^a	Boston	3.70	0.047
Michigan	Western	2.08 ^a	Detroit City	3.53	0.024
Minnesota	Region 7C	2.09	Region 7A (Hennepin)	2.74	0.154
Mississippi	Region 1	1.61	Region 6	2.17	0.183
Missouri	Southwest	2.36 ^b	Northwest (Jackson)	3.44	0.053
Montana	Region 1	1.91	Region 5	2.62	0.106

See notes at end of table.

(continued)

Table T1. Cocaine Use in Past Year, Differences between Lowest and Highest Prevalence Substate Regions within Each State: 2002, 2003, and 2004 NSDUHs (continued)

State	Lowest Prevalence Substate Region within State		Highest Prevalence Substate Region within State		p value
	Substate Region Name	Estimate	Substate Region Name	Estimate	
Nebraska	Region 4	1.63 ^a	Region 6	2.45	0.041
Nevada	Rural	1.77 ^b	Washoe	2.44	0.089
New Hampshire	Southern 1 (Rockingham)	2.29 ^a	Southern 2	3.35	0.039
New Jersey	Central	2.03	Southern	2.21	0.679
New Mexico	Region 1	2.51 ^a	Region 3 (Bernalillo)	3.75	0.020
New York	Region 4	1.87 ^a	Region 3	3.68	0.001
North Carolina	South Central	1.97	Western	2.34	0.366
North Dakota	Lake Region and South Central	1.48 ^a	Southeast	2.27	0.029
Ohio	Boards 3, 52, and 85	1.75 ^a	Board 25 (Franklin)	2.95	0.006
Oklahoma	East Central	1.51 ^a	Oklahoma County	2.41	0.025
Oregon	Region 2	1.89 ^a	Region 1 (Multnomah)	3.10	0.009
Pennsylvania	Regions 21, 30, 32, and 49	1.84 ^a	Region 18 (Philadelphia)	3.46	0.001
Rhode Island	Kent	3.27	Washington	3.74	0.471
South Carolina	Region 3	2.40	Region 4	2.84	0.442
South Dakota	Region 6	1.48 ^a	Region 3 (Minnehaha)	2.18	0.042
Tennessee	Region 5	1.99 ^a	Region 4 (Davidson)	3.39	0.009
Texas	Region 3bc	2.05 ^a	Region 7a	3.31	0.010
Utah	Central, Four Corners, San Juan, and Southwest	1.56	Salt Lake County	2.04	0.161
Vermont	Rural Southeast	2.27 ^a	Champlain Valley	3.70	0.005
Virginia	Region 2	2.10	Region 5	2.53	0.387
Washington	Region 6	1.97	Region 5	2.24	0.490
West Virginia	Eastern Highland	2.05 ^a	Northern C and D	3.30	0.009
Wisconsin	Northern	2.31	Milwaukee	3.11	0.152
Wyoming	Judicial District 8	1.68 ^a	Judicial District 2	2.93	0.003

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

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

^a Difference is statistically significant at the 0.05 level.

^b Difference is statistically significant at the 0.10 level.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table T2. Marijuana Use in Past Month, Differences between Lowest and Highest Prevalence Substate Regions within Each State: 2002, 2003, and 2004 NSDUHs

State	Lowest Prevalence Substate Region within State		Highest Prevalence Substate Region within State		p value
	Substate Region Name	Estimate	Substate Region Name	Estimate	
Alabama	Region 1	3.98	Region 2	5.15	0.132
Alaska	Rural	8.19	Urban	10.72	0.100
Arizona	Rural South	4.69	Pima	6.41	0.108
Arkansas	Areas 2 and 3	4.64 ^b	Area 9	6.75	0.056
California	Region 6 (Santa Clara)	5.24 ^a	Region 1	11.43	0.000
Colorado	Region 4	5.60 ^a	Regions 2 and 7	8.58	0.013
Connecticut	Southwest	4.96 ^a	Northwestern	8.88	0.003
Delaware	Sussex	4.87 ^a	Wilmington City	7.46	0.022
District of Columbia	Ward 4	6.13 ^a	Ward 2	9.60	0.019
Florida	District 13	3.92 ^a	District 2	9.21	0.000
Georgia	Region 1	3.87 ^a	Region 3	6.62	0.003
Hawaii	Honolulu	5.89 ^a	Kauai and Maui	10.86	0.001
Idaho	Region 7	3.82 ^a	Region 2	6.24	0.022
Illinois	Region IV	4.48 ^a	Region I (Cook)	6.38	0.007
Indiana	Northeast	4.70 ^b	Central	6.67	0.073
Iowa	Northwest	3.72	Southeast	4.85	0.198
Kansas	West	3.48 ^a	Kansas City Metro	5.65	0.015
Kentucky	Adanta, Cumberland River, and Lifeskills	4.40 ^a	Seven Counties	8.40	0.001
Louisiana	Regions 5 and 6	4.32 ^a	Region 1	7.32	0.009
Maine	Region 7	6.74 ^b	Region 1 (Cumberland)	9.22	0.075
Maryland	Western	4.30 ^a	Baltimore City	6.96	0.008
Massachusetts	Metrowest	6.70 ^a	Boston	9.66	0.025
Michigan	Western	5.83 ^a	Genesee	9.23	0.027
Minnesota	Region 7C	5.10 ^a	Region 7A (Hennepin)	7.58	0.022
Mississippi	Region 1	3.77 ^b	Region 7	5.51	0.063
Missouri	Southeast	4.73 ^a	Northwest (Jackson)	7.71	0.014
Montana	Region 3	6.89 ^a	Region 5	9.66	0.037

See notes at end of table.

(continued)

Table T2. Marijuana Use in Past Month, Differences between Lowest and Highest Prevalence Substate Regions within Each State: 2002, 2003, and 2004 NSDUHs (continued)

State	Lowest Prevalence Substate Region within State		Highest Prevalence Substate Region within State		p value
	Substate Region Name	Estimate	Substate Region Name	Estimate	
Nebraska	Regions 1 and 2	4.06 ^a	Region 6	6.16	0.027
Nevada	Rural	6.29 ^a	Washoe	9.02	0.037
New Hampshire	Central 1	8.18 ^b	Southern 2	10.71	0.058
New Jersey	Northern	4.41	Central	5.15	0.365
New Mexico	Region 4	6.66 ^b	Region 3 (Bernalillo)	9.22	0.061
New York	Region 4	5.13 ^a	Region 3	10.73	0.000
North Carolina	Eastern	4.52 ^a	Western	6.69	0.021
North Dakota	Badlands and West Central	4.55 ^a	Southeast	6.87	0.012
Ohio	Boards 20, 32, 54, and 69	4.19 ^a	Board 57 (Montgomery)	9.55	0.000
Oklahoma	East Central	3.86 ^a	Oklahoma County	6.76	0.009
Oregon	Region 5	7.16 ^a	Region 1 (Multnomah)	11.08	0.014
Pennsylvania	Regions 17, 24, 27, 43, and 47	4.12 ^a	Region 1 (Allegheny)	7.56	0.000
Rhode Island	Kent	8.26 ^a	Washington	12.01	0.023
South Carolina	Region 3	4.91	Region 4	5.66	0.454
South Dakota	Region 6	3.72 ^a	Region 2	6.87	0.004
Tennessee	Region 5	3.75 ^a	Region 4 (Davidson)	6.78	0.003
Texas	Region 11c (Hidalgo)	3.41 ^a	Region 7a	7.51	0.000
Utah	Central, Four Corners, San Juan, and Southwest	2.79 ^a	Salt Lake County	5.08	0.003
Vermont	Rural Southeast	8.37 ^b	Champlain Valley	10.96	0.065
Virginia	Region 4	5.09	Region 3	5.84	0.449
Washington	Region 2	5.66	Region 4 (King)	7.30	0.171
West Virginia	South Central I	4.62 ^b	Northern C and D	6.49	0.072
Wisconsin	Western	4.87 ^a	Milwaukee	7.25	0.035
Wyoming	Judicial District 8	3.89 ^a	Judicial District 2	7.21	0.002

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

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

^a Difference is statistically significant at the 0.05 level.

^b Difference is statistically significant at the 0.10 level.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table T3. Alcohol Use in Past Month, Differences between Lowest and Highest Prevalence Substate Regions within Each State: 2002, 2003, and 2004 NSDUHs

State	Lowest Prevalence Substate Region within State		Highest Prevalence Substate Region within State		p value
	Substate Region Name	Estimate	Substate Region Name	Estimate	
Alabama	Region 1	35.60	Region 2	40.26	0.116
Alaska	Rural	34.24 ^a	Southeast	52.56	0.000
Arizona	Rural South	43.56 ^a	Pima	53.22	0.015
Arkansas	Areas 4 and 7	32.50 ^a	Area 9	45.55	0.000
California	Region 8	42.74 ^a	Region 4	59.91	0.000
Colorado	Region 4	49.19 ^a	Region 3	61.80	0.002
Connecticut	South Central	58.18	Northwestern	63.27	0.127
Delaware	Sussex	44.66 ^a	New Castle (excluding Wilmington city)	57.72	0.000
District of Columbia	Ward 8	42.60 ^a	Ward 3	74.68	0.000
Florida	District 14	45.50 ^a	District 8	58.73	0.000
Georgia	Region 1	36.50 ^a	Region 3	52.43	0.000
Hawaii	Honolulu	47.30	Kauai and Maui	49.53	0.483
Idaho	Region 7	36.31 ^a	Region 4	55.78	0.000
Illinois	Region III	47.17 ^a	Region II	55.81	0.000
Indiana	Southeast	41.01 ^a	West	51.72	0.005
Iowa	Southwest	52.70	Northeast	56.49	0.271
Kansas	West	42.51 ^a	Kansas City Metro	53.86	0.001
Kentucky	Kentucky River, Mountain, and Pathways	30.06 ^a	Seven Counties	48.55	0.000
Louisiana	Regions 7 and 8	40.66 ^a	Region 10 (Jefferson)	53.28	0.000
Maine	Region 7	42.91 ^a	Region 1 (Cumberland)	59.30	0.000
Maryland	Prince George's	44.28 ^a	Montgomery	60.84	0.000
Massachusetts	Central	55.29 ^a	Metrowest	65.24	0.004
Michigan	Detroit City	39.44 ^a	Washtenaw	62.52	0.000
Minnesota	Regions 1 and 2	52.93 ^a	Region 7C	64.67	0.001
Mississippi	Region 2	30.75 ^a	Region 7	43.40	0.000
Missouri	Southeast	41.89 ^a	Eastern (St. Louis City and County)	57.53	0.000
Montana	Region 1	50.44 ^a	Region 4	60.57	0.005

See notes at end of table.

(continued)

Table T3. Alcohol Use in Past Month, Differences between Lowest and Highest Prevalence Substate Regions within Each State: 2002, 2003, and 2004 NSDUHs (continued)

State	Lowest Prevalence Substate Region within State		Highest Prevalence Substate Region within State		p value
	Substate Region Name	Estimate	Substate Region Name	Estimate	
Nebraska	Region 4	48.90 ^a	Region 6	56.23	0.026
Nevada	Clark	47.31 ^a	Washoe	53.80	0.034
New Hampshire	Central 1	57.30 ^b	Southern 1 (Rockingham)	63.43	0.078
New Jersey	Southern	53.51 ^a	Central	62.30	0.009
New Mexico	Region 4	40.52 ^a	Region 3 (Bernalillo)	55.12	0.000
New York	Region 1	41.05 ^a	Region 5	62.56	0.000
North Carolina	Eastern	36.48 ^a	Western	43.18	0.021
North Dakota	Lake Region and South Central	49.91 ^a	Southeast	64.79	0.000
Ohio	Boards 27, 71, and 73	37.28 ^a	Board 25 (Franklin)	55.49	0.000
Oklahoma	East Central	35.36 ^a	Tulsa County	48.46	0.001
Oregon	Region 5	51.38 ^b	Region 1 (Multnomah)	57.87	0.094
Pennsylvania	Regions 5, 20, 26, 28, and 40	44.00 ^a	Region 1 (Allegheny)	58.90	0.000
Rhode Island	Providence	56.72 ^a	Washington	66.23	0.004
South Carolina	Region 3	40.23	Region 4	45.44	0.136
South Dakota	Region 6	53.58 ^a	Region 3 (Minnehaha)	61.99	0.014
Tennessee	Region 6	29.93 ^a	Region 4 (Davidson)	43.77	0.000
Texas	Region 11c (Hidalgo)	33.90 ^a	Region 7a	57.73	0.000
Utah	Utah County	19.75 ^a	Salt Lake County	35.14	0.000
Vermont	Rural Northeast	53.95 ^a	Champlain Valley	62.39	0.004
Virginia	Region 3	42.15 ^a	Region 2	58.68	0.000
Washington	Region 2	46.26 ^a	Region 4 (King)	59.78	0.000
West Virginia	Southern II	27.56 ^a	Northern A and B	41.51	0.000
Wisconsin	Milwaukee	58.03	Southeastern	62.77	0.175
Wyoming	Judicial District 3	46.95 ^a	Judicial District 2	55.75	0.014

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

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

^a Difference is statistically significant at the 0.05 level.

^b Difference is statistically significant at the 0.10 level.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

