

# **Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health**

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DEPARTMENT OF HEALTH AND HUMAN SERVICES  
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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 regions based on data from the combined 2004-2006 National Surveys on Drug Use and Health (NSDUHs). An annual survey of the civilian, noninstitutionalized population aged 12 or older, NSDUH is sponsored by the Substance Abuse and Mental Health Services Administration (SAMHSA). It collects information from persons residing in households, noninstitutionalized group quarters (e.g., shelters, rooming houses, dormitories), and civilians living on military bases. In 2004-2006, NSDUH collected data from 203,870 respondents aged 12 or older and was designed to obtain representative samples from all 50 States and the District of Columbia. The survey was planned and managed by SAMHSA's Office of Applied Studies (OAS), and data collection was conducted under contract with RTI International.<sup>1</sup>

This report marks the third time that detailed estimates for substate regions (also referred to as planning regions, substate areas, or regions) in all 50 States and the District of Columbia have been presented by SAMHSA. The first report to provide such estimates used data from the 1999-2001 surveys (OAS, 2005b). The second report presented estimates for 22 measures or outcomes based on the 2002-2004 NSDUHs (OAS, 2006). This report presents estimates for 23 measures of substance use or mental health problems based on the 2004-2006 NSDUHs. In addition to the 22 measures reported in the 2002-2004 substate report, a past year major depressive episode (MDE) measure was added to this report. These 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 (e.g., Hughes, Sathe, & Spagnola, 2008; Wright, Sathe, & Spagnola, 2007).

Estimates were generated for 363 substate regions representing collectively the 50 States and the District of Columbia. These regions were defined by officials from each State and were typically based on the substance abuse treatment planning regions specified by the States in their applications for the Substance Abuse Prevention and Treatment (SAPT) Block Grant administered by SAMHSA.

## A.2. Format of the Report

*Section A* provides a brief background on the survey, how substate regions were formed, the general methodological approach, and a brief discussion of selected findings. A complete list of the 23 substance use measures presented in this report is given in *Section B*, which also provides further information on the small area estimation methodology used to develop substate estimates. *Section C* includes tables with estimates for each of the 23 measures and the corresponding prediction intervals for all substate regions. It also contains a set of national maps that show the prevalence of each outcome measure for each substate region. The substate regions in the tables in *Section C* have been ordered alphabetically within each State. There are 10

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<sup>1</sup> RTI International is a trade name of Research Triangle Institute.

separate tables, each having two or three related substance use or mental health measures. Estimates for aggregate regions (also specified by certain States) also are included in these tables. *Section D* contains definitions of the substate regions. *Section E* includes the population counts for persons aged 12 or older and the combined 2004, 2005, and 2006 NSDUH sample sizes and response rates for each substate region. Users may find the population counts helpful in calculating the weighted average prevalence estimate for any combination of substate regions or to determine the number of people using a particular substance in a substate region. For example, the number of persons aged 12 or older who used marijuana in the past month in Alabama's Region 1 (41,956 persons) could be obtained by multiplying the prevalence rate from Table C2 (4.0 percent—shown as 3.96 percent in the table) and the population estimate from Table E1 (1,059,503). *Section F* lists the references.

### **A.3. Overview: Substate Regions, Ranking Regions, and Small Area Estimation Methods**

The substate regions for each State were developed in a series of communications between SAMHSA staff and State treatment representatives in late 2007. The goal of the project was to provide substate-level estimates showing the geographic distribution of substance use prevalence for regions that States would find useful for treatment planning purposes.<sup>2</sup> The final substate region boundaries were based on the State's recommendations assuming that the NSDUH sample sizes were large enough to provide estimates with adequate precision. Most States defined regions in terms of counties or groups of counties. A few States defined the regions in terms of census tracts. Several States also requested estimates for aggregate planning regions along with the estimates for their substate planning regions. An aggregate planning region is made up of two or more substate planning regions. A few of these States wanted the maps to be produced for the aggregate regions instead of their substate planning regions. For example, New York has 15 substate regions, and those 15 regions were combined to create 4 aggregate regions that are used in the maps. Hence, for each measure in this report, maps were produced for 345 planning regions and not for 363 regions. The discussion of findings in this chapter (Section A.5) also is restricted to these 345 planning regions.

These 345 substate regions used in the maps were ranked from lowest to highest for each measure and were divided into seven categories designed to represent distributions that are somewhat symmetric, like a normal distribution. Colors were assigned to all regions 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 regions that display relatively higher prevalence, the "highest" third has been further divided into three categories: dark red for the 15 substate regions with the highest estimates, medium red for the 31 substate regions with the next highest, and light red for the 69 substate regions in the third highest group. The "lowest" third is categorized

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<sup>2</sup> These regions were defined by officials from each State, typically based on the substance abuse treatment planning regions specified by States in their applications for a SAPT Block Grant administered by SAMHSA. There is extensive variation in treatment planning regions across States. In some States, the planning regions are used more for administrative purposes rather than for planning purposes. Because the estimation method required a minimum NSDUH sample size of approximately 200 to provide adequate precision, planning regions with sample sizes that were much smaller than that were collapsed with adjacent regions until an adequate sample size was obtained.

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.

In addition to this report, the following substate region tables will be available on SAMHSA's website:

- Age Group Tables, by Substate Region: Tables of prevalence estimates for youths aged 12 to 17, young adults aged 18 to 25, adults aged 26 or older, and persons aged 18 or older for each substance use measure for substate regions having sufficient precision.
- Substate Region Age Group Comparison Table: A table showing ranges of prevalence estimates for each outcome categorized into seven groups from lowest to highest for age groups 12 to 17, 18 to 25, 26 or older, and 18 or older.
- State-Specific Substate Region Tables and Maps: State-specific tables and maps showing substate region estimates for each State separately for all persons aged 12 or older.
- Highest and Lowest Substate Region Estimates within State: Tables showing substate regions with the highest and lowest estimates for each measure within a State, along with an indication of statistical significance of the difference.
- Comparison of 2002-2004 and 2004-2006 Substate Region Estimates: Tables showing the 2002-2004 and 2004-2006 substate estimates, along with an indication of statistical significance of the difference among regions, with common geographic definitions between the two time periods.

These additional tables will be posted at <http://oas.samhsa.gov/substate.cfm> as they become available.

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 and has been used for prior substate reports (see OAS, 2005b, 2006). Sample data have been combined across 3 years (2004-2006) in this report to improve the precision of substate region estimates. The estimate for each region is accompanied by a 95 percent prediction interval (for more details, see Section B, Substate Region Estimation Methodology).

In addition to the substate region 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 consecutive years of data, they are not directly comparable with the State estimates in earlier reports that are based on only 2 consecutive years. Estimates for the Nation and the four census regions also are presented. These regions, defined by the U.S. Census Bureau, are defined as follows:

***Northeast Region*** - Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

**Midwest Region** - Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

**South Region** - Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

**West Region** - Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

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

#### **A.4. Comparability with Past Estimates**

For the 2002 NSDUH, a number of methodological changes were introduced, including a \$30 incentive for participating in the survey, additional training for interviewers to encourage adherence to survey protocols, a change in the survey name, and a shift to the 2000 decennial census (from the 1990 census) as a basis for population counts used in estimation. An unanticipated result of these changes was that the prevalence rates for 2002 were in general substantially higher than those for 2001. These rates were substantially higher than could be attributable to the usual year-to-year trend. Additional information on these methodological changes is available in OAS (2005a).

Because of the changes in the survey that took place in 2002, estimates for 2004-2006 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 2004-2006 represent true changes. However, estimates from 2002-2004 and 2004-2006 are comparable for outcomes that were defined in a similar manner and for substate regions defined consistently across these time periods. Such estimates of change will be posted at <http://oas.samhsa.gov/substate.cfm> as they become available.

There were 10 States that made changes to their 2002-2004 substate regions for producing the 2004-2006 estimates: Arkansas, Florida, Hawaii, Maine, Maryland, Michigan, New York (made changes to aggregate regions only), North Carolina, South Dakota, and Wisconsin. Except for South Dakota, all of these States had at least one substate region definition that was the same as the 2002-2004 definition. The remaining 40 States and the District of Columbia did not change their definitions of substate regions or aggregate regions.

Pennsylvania, however, renamed its substate regions, but the definitions (based on counties) did not change from those shown in the 2002-2004 report.

## **A.5. Discussion of Findings**

### **A.5.1. Illicit Drug Use**

Based on NSDUH data from the 2004-2006 surveys combined, 8.1 percent of persons in the United States aged 12 or older had used an illicit drug in the past month. Northwest Iowa reported the lowest rate at 4.8 percent, and Region 5 in Montana had the highest rate at 13.8 percent. The 15 substate regions with the highest rates were dispersed among 10 States, with Alaska (Rural and Urban), California (Region 1 and Region 4), the District of Columbia (Ward 1 and Ward 2), Massachusetts (Boston and Western), and Rhode Island (Providence and Washington) each accounting for 2 regions. Of the 15 substate regions with the lowest rates of illicit drug use in the past month, 8 regions were from five Midwestern States: Iowa, Kansas, Nebraska, North Dakota, and Ohio. Moreover, Maryland had 3 regions (North Central, Prince George's, and West) and Texas had 2 regions (Region 10 and Region 11) that were among the 15 with the lowest rates of past month illicit drug use.

Marijuana is the most commonly used illicit drug, and many of the substate regions having a high rate of illicit drug use reported similarly high rates of marijuana use. The national rate of past month marijuana use was 6.1 percent in 2004-2006. The lowest rate occurred in Utah's Central, Four Corners, San Juan, and Southwest region (3.0 percent). The highest rate was found in Montana's Region 5 (12.1 percent). The lowest group for past month marijuana use had 9 regions that were the same as those for past month illicit drug use, and 11 of the highest 15 substate regions for past month marijuana use were the same as for past month illicit drug use.

In 2004-2006, 39.2 percent of persons aged 12 or older in the Nation perceived a great risk in smoking marijuana once a month. Substate regions with low rates suggest that a larger percentage of the population do not think that smoking marijuana once a month is a great risk compared with regions with higher rates. The lowest rate was in District of Columbia's Ward 3 (17.9 percent), which was 1 of 2 substate regions in the District of Columbia that were among the regions with the 15 lowest rates. Other States with more than 1 region in the lowest 15 include Alaska and Oregon (2 regions each), New Hampshire (3 regions), and Washington (4 regions). The highest rate was in Mississippi's Region 5 (57.3 percent). Mississippi had 5 substate regions among the 15 with the highest rates. Other States with multiple substate regions in the top 15 included Alabama and Texas, each with 3 regions.

Most recent marijuana initiates were younger than 18 when they first used (OAS, 2007, p. 50). Nationwide, 1.7 percent of persons aged 12 or older had used marijuana for the first time in 2004-2006. Of the 15 regions in the highest group for first-time marijuana use, 8 regions were also in the highest group for past month marijuana use: Alaska (Southeast and Urban regions), Florida (Circuit 2), Massachusetts (Western), Montana (Region 5), Rhode Island (Bristol-Newport and Washington regions), and Vermont (Champlain Valley).

Nationally, 3.7 percent of persons aged 12 or older had used an illicit drug other than marijuana in 2004-2006 in the past month. Illicit drugs other than marijuana include cocaine (and

crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutics used nonmedically. The nonmedical use of prescription-type psychotherapeutics includes the nonmedical use of pain relievers, tranquilizers, stimulants, or sedatives and does not include over-the-counter drugs. Past month use of these substances ranged from a low of 2.3 percent in Region 6 of South Dakota to a high of 5.6 percent in the Northern C and D region of West Virginia. In the Midwest, 12 regions (5 in South Dakota, 4 in North Dakota, 2 in Iowa, and 1 in Minnesota) collectively accounted for 80 percent of the 15 regions in the country with the lowest rates of use of an illicit drug other than marijuana in the past month. Of the 15 substate regions with the highest rates, 11 regions were in the South (1 each in Arkansas, the District of Columbia, Louisiana, and Oklahoma; 2 each in Tennessee and West Virginia; and 3 in Florida).

The national prevalence rate for the use of cocaine in the past year among persons aged 12 or older was 2.4 percent in 2004-2006 and ranged from 1.3 percent in Region 6 of South Dakota to 5.2 percent in District of Columbia's Ward 2. Among the 15 substate regions with the highest rate of past year cocaine use, 5 were in the District of Columbia (Ward 1, Ward 2, Ward 3, Ward 5, and Ward 6), 3 were in Rhode Island (Bristol-Newport, Providence, and Washington), and 2 were in Florida (Circuit 2 and Circuit 14). Regions with the lowest rates of past year cocaine use included three regions each from North Dakota, Oklahoma, Oregon, and South Dakota.

During 2004-2006, 4.9 percent of all persons aged 12 or older had used a pain reliever for nonmedical use within the past year. Estimates ranged from 2.5 percent in District of Columbia's Ward 7 to 7.9 percent in Florida's Circuit 1. Oklahoma (Oklahoma County and Tulsa County), Tennessee (Region 1 and Region 4 [Davidson]), Utah (Salt Lake County and Weber-Morgan), and West Virginia (Northern C and D and South Central II) had more than one substate region among the regions with the highest 15 prevalence rates. Regions with the 15 lowest rates included 5 in the District of Columbia (Wards 4 through 8), 3 in South Dakota (Region 2, Region 3, and Region 6), 2 in Maryland (Montgomery and Prince George's Counties), and 2 in Pennsylvania (Regions 19, 26, 28, and 42 and Regions 5, 18, 23, 24, and 46).

#### **A.5.2. Alcohol Use**

Alcohol is the most commonly used substance in the United States. Nationally, about half (51.0 percent) of Americans aged 12 or older reported past month use of alcohol in 2004-2006. Utah County, Utah, had the lowest rate of any region in the Nation (21.0 percent). The District of Columbia (Ward 3) had the highest rate (78.7 percent). Among the 15 substate regions with the highest rates, five States each had 2 regions in this group: Connecticut (South Central and Southwest), District of Columbia (Ward 2 and Ward 3), Minnesota (Region 7A [Hennepin] and Region 7C), Rhode Island (Bristol-Newport and Washington), and Wisconsin (Northeastern and Southeastern). The 15 substate regions with the lowest rates of past month alcohol use were distributed across just four States: Kentucky (1 region), Mississippi (5 regions), Utah (5 regions), and West Virginia (4 regions).

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. Nationally, past month binge alcohol use was reported by 22.8 percent of persons aged 12 or older during 2004-2006. Utah County, Utah, once again had the lowest rate (12.7 percent),

while the highest rate was in Ward 2 in the District of Columbia (38.9 percent). Of the 15 substate regions with the lowest rates of past month binge alcohol use, 12 were distributed across three States: Utah (all 6 regions), West Virginia (4 regions), and Mississippi (2 regions). Of the 15 substate regions with the highest rates of binge drinking, 11 were distributed across four States: District of Columbia (3 regions), North Dakota (2 regions), South Dakota (2 regions), and Wisconsin (4 regions).

In 2004-2006, 41.5 percent of persons aged 12 or older in the Nation perceived a great risk in having five or more drinks of an alcoholic beverage once or twice a week. Substate regions with low rates suggest that a larger percentage of the population do not think that this pattern of drinking is a great risk compared with regions with higher rates. The lowest rate was in Wisconsin's Northeastern region (28.5 percent), which was 1 of 5 Wisconsin regions among the 15 with the lowest rates. North Dakota had 3 regions and Massachusetts had 2 regions among the 15 substate regions with the lowest rates. The highest rate was in Florida's Circuits 11 and 16 substate region, with a rate of 53.0 percent. Substate regions in the top 15 with the highest rates included 3 in Mississippi and 2 each in the District of Columbia, Maryland, and Texas.

The national rate of underage alcohol use in the past month (i.e., past month use of alcohol among persons aged 12 to 20) was 28.3 percent in 2004-2006. The lowest rate occurred in Utah County, Utah (14.5 percent), while the highest rate occurred in the District of Columbia's Ward 2 (53.2 percent). Of the 15 substate regions with the lowest rates of past month underage alcohol use, 9 were in the South (2 in the District of Columbia, 1 in Maryland, 3 in Mississippi, 2 in South Carolina, and 1 in Tennessee). Among the 15 substate regions with the highest rates of past month underage alcohol use, 9 were in the Midwest (1 in Iowa, 3 in North Dakota, 2 in South Dakota, and 3 in Wisconsin).

Nationally, the rate of underage binge drinking during the past month was 19.0 percent in 2004-2006. The highest and lowest rates of past month underage binge alcohol use occurred in the District of Columbia: Ward 2 had the highest rate (39.0 percent), while Ward 7 had the lowest rate (8.7 percent). Of the 15 substate regions with the lowest rates of underage binge drinking, 8 were in four States: District of Columbia (Ward 7 and Ward 8), Maryland (Baltimore City and Prince George's), Mississippi (Region 2 and Region 5), and Tennessee (Region 4 [Davidson] and Region 7 [Shelby]). Of the 15 substate regions with the highest rates of underage binge drinking, 10 were in four States: District of Columbia (Ward 2 and Ward 3), North Dakota (Badlands and West Central, North Central and Northwest, Northeast, and Southeast), Rhode Island (Bristol-Newport and Washington), and Wisconsin (Southeastern and Western).

### **A.5.3. Tobacco Use**

In 2004-2006, 29.5 percent of all persons aged 12 or older used a tobacco product in the past month. Tobacco products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco. Tobacco is the second most commonly used substance in the United States next to alcohol. The lowest rate of past month tobacco use occurred in Utah County, Utah (17.3 percent). The highest rate was in West Virginia's South Central II region (43.1 percent). Of the 15 substate regions with the lowest rates of past month tobacco use, 13 regions were in California (9 regions) and Utah (4 regions); the other 2 regions in this group were Honolulu, Hawaii, and Montgomery County, Maryland. Among the 15 substate regions

with the highest rates of past month tobacco use, 4 were in Kentucky and 7 were in West Virginia.

During 2004-2006, the national rate of past month cigarette use among persons aged 12 or older was 25.0 percent. As with past month use of tobacco, the highest rate of past month cigarette use was in West Virginia's South Central II region (35.4 percent), and the lowest rate was in Utah County, Utah (15.9 percent). The majority of the 15 substate regions with the highest rates of past month cigarette use were in Kentucky (3 regions) and West Virginia (6 regions). Of the 15 substate regions with the lowest rates of past month cigarette use, 9 were in California and 4 were in Utah; these are the same regions that were among the 15 with the lowest rates of past month tobacco use.

In 2004-2006, 74.1 percent of persons aged 12 or older in the Nation perceived a great risk in smoking one or more packs of cigarettes per day. Substate regions with low rates suggest that a larger percentage of the population do not think that smoking one more packs of cigarettes is a great risk compared with regions with higher rates. The lowest rate was in Kentucky's Kentucky River, Mountain, and Pathways region (62.7 percent), which was 1 of 5 Kentucky regions among the 15 with the lowest rates. Ohio and Missouri each had 3 substate regions among the 15 with the lowest rates. The highest rate was in District of Columbia's Ward 3 and Florida's Circuits 11 and 16, each with a rate of 80.7 percent. States with multiple regions in the top 15 include California (6 regions), the District of Columbia (4 regions), and Utah (2 regions).

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

Several 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 are included in NSDUH each year. Substances include alcohol and illicit drugs, such as marijuana, cocaine, heroin, hallucinogens, and inhalants, and the nonmedical use of prescription-type psychotherapeutic drugs. These series of 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 2004-2006. Past year alcohol dependence or abuse varied from a low of 5.6 percent in Delaware (Sussex County), in Georgia (Region 5), in Mississippi (Region 5), and in southern Utah (Central, Four Corners, San Juan, and Southwest) to a high of 14.0 percent in the District of Columbia (Ward 2). The District of Columbia, Montana, North Dakota, South Dakota, and Wisconsin all had more than one of its substate regions in the highest 15.

In 2004-2006, 2.9 percent of persons aged 12 or older were dependent on or had abused illicit drugs in the past year. The rates among substate regions ranged from a low of 1.8 percent in Pennsylvania's Regions 5, 18, 23, 24, and 46 to 5.9 percent in the District of Columbia's Ward 5. The District of Columbia accounted for 5 of the top 15 substate regions with dependence on or abuse of illicit drugs in the past year. Only 3 of the top 15 substate regions for alcohol dependence or abuse were also in the top 15 for illicit drug dependence or abuse: the District of Columbia's Ward 1, Circuit 2 in Florida, and Region 5 in Montana.

The national rate in 2004-2006 for past year dependence on or abuse of illicit drugs or alcohol among persons aged 12 or older was 9.2 percent. Substate regions 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 illicit drugs or alcohol because alcohol accounts for most of the substance dependence or abuse. For example, 10 of the top 15 substate regions for alcohol dependence or abuse were in the top 15 for illicit drug or alcohol dependence or abuse. The substate region with the highest rate of illicit drug or alcohol dependence or abuse (15.4 percent) was Ward 2 in the District of Columbia, and Regions 5, 18, 23, 24, and 46 in Pennsylvania had the lowest rate in the Nation (6.5 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 or alcohol rehabilitation facility (inpatient or outpatient), hospital (inpatient only), or mental health center. In 2004-2006, 2.6 percent of persons aged 12 or older needed treatment for an illicit drug use problem in the past year, but did not receive it. The lowest rate in the Nation (1.5 percent) occurred in Pennsylvania's Regions 5, 18, 23, 24, and 46. The region with the highest rate in the Nation (4.8 percent) was Detroit City in Michigan.

Arkansas, California, the District of Columbia, Florida, and Rhode Island each had more than one substate region among those with the highest rates of needing but not receiving treatment for illicit drug use problems. The top 15 substate regions were not very clustered and represented 10 different States.

In 2004-2006, the percentage of persons aged 12 or older who needed but did not receive treatment for alcohol use problems was more than twice as large (7.3 percent) as the percentage for illicit drug use problems. Generally, the substate regions with the highest rates of untreated alcohol use problems were not the same as those regions with the highest rates of untreated illicit drug use problems. Only Circuit 2 of Florida and Region 5 of Montana were among the top 15 for both measures. The District of Columbia's Ward 2 had a rate of 13.8 percent, the highest in the Nation, and Sussex County in Delaware had the lowest rate (5.1 percent).

#### **A.5.5. Serious Psychological Distress and Major Depressive Episode among Adults**

In 2004-2006, past year serious psychological distress (SPD) was present in 11.5 percent of adults aged 18 or older in the Nation. The 15 substate regions with the highest rates of SPD included 6 in West Virginia and 2 each in Kentucky, Missouri, and Utah. Southern II region in West Virginia had the highest rate of past year SPD (16.5 percent). Montgomery County,

Maryland, had the lowest rate (8.7 percent). Of the 15 substate regions with the lowest rates of SPD, Florida and Maryland each had 4 regions and Hawaii had 2 regions.

This report marks the first time that estimates of the prevalence of a major depressive episode (MDE) are being reported at the substate level. Nationally, 7.6 percent of adults aged 18 or older experienced having MDE in the past year. Salt Lake County, Utah, had the highest rate (11.1 percent), while Circuits 11 and 16 in Florida had the lowest rate (5.7 percent). Of the 15 substate regions with the highest rates, the District of Columbia and Wyoming each had 3 regions, and Nevada and Utah each had 2 regions. Regions with the lowest estimates of MDE included California and Florida (3 regions each) and Hawaii and Texas (2 regions each).

For details on how SPD and MDE were measured, refer to Section B.7 of this report and Sections A.8 and A.9 in Appendix A of the 2005-2006 NSDUH State report (Hughes et al., 2008).

## **A.6. Caveats**

In Section A.5, a discussion covering most of the 23 substance use measures shown in Section C was presented. This discussion was primarily limited to providing the range of rates from lowest to highest in the Nation and any State-level clustering of substate regions in the lowest 15 or the highest 15 group of substate regions. It is important to note that these estimates are based on a sample, and that different samples could result in slightly different high and low regions. For example, Montana's Region 5 had the highest rate of past month illicit drug use (13.8 percent) of any substate region in the Nation. It can be stated with 95 percent confidence that the true value for Region 5 falls between 11.4 and 16.8 percent (see Table C1). Estimates in the highest group ranged from 11.7 in Providence, Rhode Island, to 13.8 in Montana's Region 5; therefore, Montana's Region 5 estimate of past month illicit drug use may not be any different from estimates shown in the other regions in the highest group.

The tables presented in Section C contain estimates for 363 substate regions, 21 aggregated substate regions, 50 States and the District of Columbia, 4 census regions, and the total United States. The national maps included in that section display 345 substate regions (a combination of substate regions and aggregate substate regions) to satisfy requests made by some States to only show aggregate substate regions (see Section D). The discussion in Section A.5 above is based only on these 345 substate or aggregate substate regions.

# Section B: Substate Region Estimation Methodology

This report includes substate region-level estimates of 23 substance use measures (see Section B.2) using the combined data from the 2004, 2005, and 2006 National Surveys on Drug Use and Health (NSDUHs).

The survey-weighted hierarchical Bayes (SWHB) methodology used in the production of State estimates from the 1999-2006 surveys also was used in the production of the 2004-2006 substate estimates. The SWHB methodology is described by Folsom, Shah, and Vaish (1999). A brief discussion of the precision of the estimates and interpretation of the prediction intervals (PIs) is given in Section B.1. Section B.2 lists the 23 substance use measures for which substate-level small area estimates were produced. The list of predictors used in the 2004-2006 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. Procedures used to implement the adjustment of NSDUH weights for the purpose of obtaining substate small area estimates is described briefly in Section B.5. 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.6. A short description of the calculation of the rate of first use of marijuana, serious psychological distress (SPD), major depressive episode (MDE), and underage drinking is included in Section B.7.

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 regions, 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 regions with small ( $n \leq 500$ ), medium ( $500 < n \leq 1,000$ ), and large ( $n > 1,000$ ) sample sizes for the 23 measures in this report shows that the small area estimates behave in predictable ways. Regardless of whether or not the substate region 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 region and the prevalence estimate of the measure. Substate regions 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 51.0 percent (for 2004-2006), the average relative standard error (RSE)<sup>3</sup> was about 5.5 percent, and the RSE for substate regions with a sample size greater than 1,000 was about 3.4 percent. For substate regions with sample sizes between 500 and 1,000, the average RSE was 4.7 percent; for sample sizes smaller than 500, the RSE average was 6.3 percent.

For past month use of marijuana (with a national prevalence of 6.1 percent), the average RSE was 10.1 percent for substate regions with large samples. For medium sample sizes, the average RSE was 13.0 percent, and for samples smaller than 500, the RSE was 15.6 percent. Substance use measures with lower prevalences, such as past year use of cocaine (2.4 percent nationally), displayed larger average RSEs. For sample sizes greater than 1,000, the average RSE was 14.8 percent. For substate regions of medium sample sizes, the average RSE was 17.7 percent, and for samples smaller than 500, the average RSE was 19.9 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 23 binary (0, 1) substance use and mental health measures, using combined data from the 2004-2006 NSDUHs:

1. past month use of illicit drugs,
2. past month use of illicit drugs other than marijuana,
3. past month use of marijuana,

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<sup>3</sup> The RSE of an estimate is the posterior SE divided by the estimate itself. Note that the RSEs have been calculated based on the unbenchmarked small area estimates.

4. average annual rate of first use of marijuana,
5. perceptions of great risk of smoking marijuana once a month,
6. past year use of marijuana,
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. perceptions 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 tobacco products,
14. perceptions of great risk of smoking one or more packs of cigarettes per day,
15. past year alcohol dependence,
16. past year illicit drug dependence,
17. past year alcohol dependence or abuse,
18. past year illicit drug dependence or abuse,
19. past year dependence on or abuse of illicit drugs or alcohol,
20. needing but not receiving treatment for alcohol use in the past year,
21. needing but not receiving treatment for illicit drug use in the past year,
22. past year serious psychological distress (SPD), and
23. past year major depressive episode (MDE).

In addition to the 23 measures listed above, estimates also have been produced for the underage (aged 12 to 20) 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 (Uniform Crime Reports), Health Resources and Services Administration (Area Resource File), the Bureau of Labor Statistics, the Bureau of Economic Analysis, 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. The projections are used to update these predictor variables each year. The 2004, 2005, and 2006 projections were used for this analysis.
- *U.S. Census Bureau*. The 2000 census (demographic and socioeconomic variables) and 2004 food stamp participation rates (<http://www.census.gov/hhes/www/saife/inputdata/cntyfs.xls>).

- *Federal Bureau of Investigation*. Uniform Crime Report arrest totals from <http://www.icpsr.umich.edu/NACJD/ucr.html>. The most current data used are 2002, 2003, and 2004.
- *Health Resources and Services Administration*. Families below the poverty-level rates from the 2000 census data are obtained from the Area Resource File (ARF) February 2003, 2004, and 2005 releases from the Bureau of Health Professions, Office of Research and Planning.
- *Bureau of Labor Statistics (BLS)*. The 2005 county-level unemployment rates (<ftp://ftp.bls.gov/pub/special.requests/la/laucnty05.txt>).
- *Bureau of Economic Analysis (BEA)*. The 2005 county-level per capita income rates (<http://bea.gov/bea/regional/reis/>).
- *National Center for Health Statistics*. Mortality data using International Classification of Diseases, 10th revision (ICD-10), 1999-2004; 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 (OAS)*. National Survey of Substance Abuse Treatment Services (N-SSATS), formerly known as Uniform Facility Data Set (UFDS), 2005-2006 data on drug and alcohol treatment rates are obtained from Synectics for Management Decisions, Inc.

To obtain a detailed list of predictors, please see Appendix A, Section A.2, of the 2005-2006 State estimates report (Hughes et al., 2008).

#### **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 2004-2005 and 2005-2006 State estimates and the 2002-2004 substate estimates were used to model the 2004-2006 substate estimates.

#### **B.5. Adjustment of Weights**

The person-level NSDUH weights are poststratified (adjusted for) to match census population counts at the State level. Because the objective here was to produce small area estimates for substate regions, it was decided to ratio adjust the person-level sampling weights to population projections (available from Claritas as shown in the Section E table) at the substate by age group by gender level. The advantage to doing this ratio adjustment is to ensure that the adjusted sampling weights better reflect the demography of the substate regions. The downside to this adjustment is that the design-based estimates based on the unadjusted sampling weights may be slightly different (at the national level) from the design-based estimates obtained from the adjusted weights. However, because the aim was to be able to produce reliable substate region-level small area estimates, this ratio adjustment to the weights seemed more appropriate. Note that this ratio adjustment was done at the substate region (363 regions) by age group (12 to

17, 18 to 25, 26 to 34, and 35 or older) by gender (male and female) level collectively over the 3 years (2004, 2005, and 2006) of data.

## B.6. 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 and the 2002-2004 substate small area estimates (Office of Applied Studies [OAS], 2005a, 2006). The following model was used:

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

where  $\pi_{aijk}$  is the probability of engaging in the behavior of interest (e.g., using 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- $a$  (12 to 17, 18 to 25, 26 to 34, and 35 or older) and  $\beta_a$  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  $\beta_a$ , and proper Wishart prior distributions are assumed for  $D_\eta^{-1}$  and  $D_v^{-1}$ . The HB solution for  $\pi_{aijk}$  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 Hughes et al., 2008).

## B.7. Calculation of Average Annual Rate (Incidence) of First Use of Marijuana, Serious Psychological Distress, Major Depressive Episode, 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 an estimate of the number of person years of exposure (in thousands). The incidence definition used in this report employs a simpler

form of the at-risk population based on the model-based methodology. This model-based average annual incidence rate for first use of marijuana is defined as follows:

$$\text{Average annual rate} = 100 * \{ [X_1 \div (0.5 * X_1 + X_2)] \div 2 \},$$

where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of persons who never used marijuana. For details on calculating the average annual rate of first use of marijuana from the NSDUH data, see Appendix A, Section A.5, of the 2005-2006 State estimates report (Hughes et al., 2008).

Serious psychological distress (SPD) was measured using the K6 screening instrument for nonspecific psychological distress (Kessler et al., 2003). Responses to the six questions in the scale are combined to generate a score ranging from 0 to 24, with SPD defined as a score of 13 or greater. In the 2004 NSDUH, a random half of the sample of respondents aged 18 or older was administered a "long-form" module, which included additional mental health items preceding the K6 items (sample A), while the other half of the sample was administered a "short-form" module consisting only of the K6 items (sample B). The "short-form" module was continued in the full adult samples in 2005 and 2006. Because of the differential reporting on the K6 items in the context of the "long-form," an adjustment to the K6 data from that half-sample in 2004 was necessary in order to produce the pooled 2004-2006 SPD estimates. The 2004 sample A "long-form" scores were transformed to match the distributional characteristics of the 2004 sample B "short-form" scores using the cumulative distribution function (CDF) adjustment method described in Section A.6, Appendix A, of Wright and Sathe (2006). These adjusted 2004 sample A scores were used in conjunction with the 2004 sample B "short-form" scores and the 2005 and 2006 "short-form" SPD scores to produce the 2004-2006 pooled SPD estimates.

The 2002-2004 substate SPD estimates (which were based on the "long form scores") are, therefore, not comparable with the 2004-2006 estimates in this report.

Beginning in 2004, a module was included in the NSDUH questionnaire that obtained data related to having a major depressive episode (MDE); the module was based on the criteria specified for major depression in the *Diagnostic and Statistical Manual of Mental Disorders*, 4th edition (DSM-IV) (American Psychiatric Association [APA], 1994). These questions permit estimates to be calculated for lifetime and past year prevalence of MDE, treatment for MDE, and role impairment resulting from MDE. For this report, estimates were produced only for having MDE in the past year. Due to minor wording differences in the questions in the adult and adolescent MDE modules, data from youths aged 12 to 17 were not combined with data from persons aged 18 or older to get an overall estimate for those aged 12 or older. Instead, an estimate for those aged 18 or older was produced. For details on how MDE is defined, see Section A.9 in Appendix A of the 2005-2006 State estimates report (Hughes et al., 2008).

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 substate estimates using the 2002-2004 NSDUH data). For details on underage drinking, see Section A.6, Appendix A, of the 2005-2006 State estimates report (Hughes et al., 2008).

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

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Total United States</b>	8.14	(7.94 - 8.35)	3.68	(3.55 - 3.81)
<b>Northeast</b>	8.80	(8.41 - 9.20)	3.57	(3.32 - 3.83)
<b>Midwest</b>	7.76	(7.47 - 8.06)	3.47	(3.28 - 3.67)
<b>South</b>	7.47	(7.19 - 7.76)	3.79	(3.60 - 3.98)
<b>West</b>	9.05	(8.61 - 9.52)	3.80	(3.54 - 4.08)
<b>Alabama</b>	7.30	(6.30 - 8.44)	4.01	(3.35 - 4.80)
Region 1	6.43	(5.03 - 8.18)	3.48	(2.57 - 4.70)
Region 2	8.05	(6.46 - 9.99)	4.69	(3.55 - 6.16)
Region 3	7.47	(5.78 - 9.59)	3.63	(2.65 - 4.94)
Region 4	7.19	(5.60 - 9.18)	4.03	(3.00 - 5.40)
<b>Alaska</b>	11.97	(10.43 - 13.70)	4.23	(3.49 - 5.11)
Gulf Coast	9.94	(7.31 - 13.39)	3.35	(2.33 - 4.80)
Rural	11.97	(8.80 - 16.09)	3.30	(2.25 - 4.82)
Southeast	11.55	(8.73 - 15.13)	3.85	(2.65 - 5.58)
Urban	12.41	(10.60 - 14.47)	4.61	(3.68 - 5.76)
<b>Arizona</b>	7.98	(6.87 - 9.26)	4.24	(3.45 - 5.20)
Maricopa	8.14	(6.79 - 9.73)	4.35	(3.38 - 5.58)
Pima	8.55	(6.48 - 11.22)	4.50	(3.11 - 6.46)
Rural North	8.19	(6.21 - 10.73)	4.28	(2.94 - 6.18)
Rural South	6.20	(4.50 - 8.47)	3.27	(2.18 - 4.89)
<b>Arkansas</b>	7.89	(6.82 - 9.10)	4.35	(3.64 - 5.20)
Areas 1 and 2	8.42	(6.55 - 10.77)	4.91	(3.61 - 6.66)
Areas 3 and 4	7.42	(5.64 - 9.70)	4.28	(3.15 - 5.80)
Areas 5 and 6	7.42	(5.75 - 9.53)	4.03	(2.91 - 5.57)
Areas 7, 12, and 13	7.31	(5.53 - 9.62)	4.04	(2.85 - 5.70)
Areas 8, 10, and 11	8.02	(6.25 - 10.24)	4.20	(3.08 - 5.72)
Area 9	8.55	(6.67 - 10.89)	4.50	(3.28 - 6.13)
<b>California</b>	9.25	(8.57 - 9.99)	3.71	(3.31 - 4.16)
Region 1	13.64	(10.55 - 17.44)	4.60	(3.33 - 6.31)
Region 2	11.54	(9.58 - 13.83)	4.37	(3.34 - 5.71)
Region 3	9.59	(7.60 - 12.04)	4.11	(3.00 - 5.60)
Region 4	12.15	(9.73 - 15.07)	3.75	(2.66 - 5.26)
Region 5	10.70	(8.72 - 13.06)	3.79	(2.82 - 5.06)
Region 6 (Santa Clara)	7.49	(5.82 - 9.59)	3.17	(2.29 - 4.37)
Region 7	9.74	(7.45 - 12.63)	3.93	(2.79 - 5.51)
Region 8	8.09	(6.35 - 10.25)	3.70	(2.75 - 4.97)
Region 9	9.33	(7.36 - 11.76)	3.91	(2.84 - 5.36)
Region 10	11.14	(8.85 - 13.93)	4.59	(3.37 - 6.23)
Region 11 (Los Angeles)	7.59	(6.50 - 8.84)	3.15	(2.56 - 3.88)
Region 12	8.71	(6.95 - 10.88)	4.05	(3.05 - 5.35)
Region 13 (Riverside)	7.98	(6.24 - 10.14)	3.57	(2.65 - 4.78)
Region 14 (Orange)	8.50	(6.87 - 10.47)	3.41	(2.49 - 4.64)
Region 15	10.11	(8.40 - 12.12)	4.31	(3.29 - 5.62)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)***

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Colorado</b>	9.67	(8.47 - 11.02)	4.27	(3.53 - 5.15)
Region 1	9.23	(7.28 - 11.65)	4.01	(2.84 - 5.63)
Regions 2 and 7	10.05	(8.48 - 11.88)	4.24	(3.31 - 5.43)
Region 3	9.05	(7.03 - 11.58)	4.45	(3.18 - 6.20)
Region 4	7.85	(5.83 - 10.50)	3.88	(2.66 - 5.62)
Regions 5 and 6	10.02	(7.59 - 13.12)	4.69	(3.21 - 6.80)
<b>Connecticut</b>	8.85	(7.68 - 10.17)	3.72	(3.05 - 4.52)
Eastern	10.26	(7.94 - 13.16)	4.54	(3.23 - 6.34)
North Central	8.64	(6.88 - 10.80)	3.53	(2.51 - 4.95)
Northwestern	8.84	(6.93 - 11.23)	3.80	(2.75 - 5.22)
South Central	9.32	(7.51 - 11.53)	3.51	(2.57 - 4.79)
Southwest	7.70	(5.91 - 9.99)	3.66	(2.58 - 5.17)
<b>Delaware</b>	8.05	(7.04 - 9.19)	3.66	(3.02 - 4.43)
Kent	7.61	(5.86 - 9.83)	3.84	(2.76 - 5.31)
New Castle (excluding Wilmington City)	7.93	(6.71 - 9.36)	3.63	(2.84 - 4.64)
Sussex	7.35	(5.66 - 9.49)	3.27	(2.25 - 4.72)
Wilmington City	10.95	(8.18 - 14.52)	4.38	(2.93 - 6.48)
<b>District of Columbia</b>	9.79	(8.54 - 11.21)	3.84	(3.11 - 4.74)
Ward 1	12.20	(9.12 - 16.12)	4.66	(3.11 - 6.92)
Ward 2	11.89	(9.40 - 14.92)	5.06	(3.64 - 6.98)
Ward 3	7.89	(5.82 - 10.60)	3.33	(2.19 - 5.03)
Ward 4	7.72	(5.57 - 10.60)	3.25	(2.13 - 4.93)
Ward 5	10.55	(8.25 - 13.40)	4.04	(2.72 - 5.96)
Ward 6	9.91	(7.29 - 13.33)	3.77	(2.48 - 5.70)
Ward 7	7.80	(5.83 - 10.37)	2.75	(1.81 - 4.16)
Ward 8	10.63	(8.29 - 13.52)	3.73	(2.55 - 5.42)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)***

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Florida</b>	7.93	(7.36 - 8.55)	3.95	(3.54 - 4.41)
Region A	10.58	(9.06 - 12.31)	5.05	(4.13 - 6.16)
Circuit 1	10.24	(8.05 - 12.93)	5.44	(4.02 - 7.32)
Circuit 2	12.91	(10.36 - 15.99)	5.06	(3.76 - 6.78)
Circuit 14	8.11	(6.16 - 10.60)	4.11	(2.94 - 5.71)
Region B	9.72	(8.51 - 11.08)	4.42	(3.69 - 5.29)
Circuits 3 and 8	10.79	(8.67 - 13.36)	5.31	(3.98 - 7.07)
Circuit 4	10.62	(8.61 - 13.04)	4.76	(3.64 - 6.19)
Circuit 7	7.70	(6.10 - 9.69)	3.31	(2.38 - 4.58)
Region C	7.61	(6.77 - 8.55)	3.82	(3.25 - 4.50)
Circuit 5	6.01	(4.65 - 7.73)	3.16	(2.28 - 4.37)
Circuit 9	8.86	(7.20 - 10.84)	4.23	(3.19 - 5.58)
Circuit 10	6.89	(5.27 - 8.96)	4.06	(2.91 - 5.63)
Circuit 18	8.31	(6.72 - 10.23)	3.66	(2.70 - 4.93)
Circuit 19	7.15	(5.48 - 9.28)	4.00	(2.86 - 5.56)
Region D	7.13	(6.30 - 8.05)	3.78	(3.20 - 4.46)
Circuits 11 and 16	6.53	(5.39 - 7.88)	3.89	(3.03 - 4.98)
Circuit 15 (Palm Beach)	8.32	(6.79 - 10.15)	4.01	(3.03 - 5.29)
Circuit 17 (Broward)	7.15	(5.80 - 8.79)	3.46	(2.62 - 4.54)
Region E	7.48	(6.59 - 8.49)	3.70	(3.12 - 4.39)
Circuit 6	7.20	(5.81 - 8.88)	3.24	(2.36 - 4.42)
Circuit 12	6.87	(5.26 - 8.92)	3.48	(2.47 - 4.88)
Circuit 13 (Hillsborough)	8.66	(7.06 - 10.58)	4.32	(3.29 - 5.65)
Circuit 20	7.06	(5.50 - 9.01)	3.82	(2.83 - 5.14)
<b>Georgia</b>	8.11	(6.93 - 9.46)	3.36	(2.73 - 4.13)
Region 1	7.88	(5.88 - 10.48)	4.09	(2.86 - 5.80)
Region 2	7.29	(5.59 - 9.45)	3.57	(2.54 - 5.01)
Region 3	9.15	(7.38 - 11.29)	3.12	(2.30 - 4.22)
Region 4	6.38	(4.74 - 8.54)	3.13	(2.18 - 4.49)
Region 5	7.71	(5.81 - 10.17)	3.36	(2.32 - 4.85)
<b>Hawaii</b>	7.71	(6.48 - 9.14)	2.89	(2.27 - 3.66)
Hawaii Island	10.03	(7.30 - 13.64)	2.95	(1.99 - 4.34)
Honolulu	6.89	(5.59 - 8.45)	2.85	(2.14 - 3.80)
Kauai and Maui**	9.53	(7.31 - 12.35)	2.99	(2.17 - 4.10)
Maui	10.25	(7.59 - 13.70)	3.06	(2.11 - 4.42)
<b>Idaho</b>	7.03	(6.08 - 8.12)	3.37	(2.78 - 4.09)
Region 1	6.79	(5.09 - 8.99)	3.16	(2.19 - 4.54)
Region 2	7.84	(5.85 - 10.43)	3.30	(2.29 - 4.74)
Region 3	6.62	(5.05 - 8.63)	3.11	(2.20 - 4.39)
Region 4	8.00	(6.33 - 10.06)	3.94	(2.87 - 5.38)
Region 5	5.85	(4.23 - 8.04)	2.76	(1.87 - 4.06)
Region 6	7.11	(5.36 - 9.38)	3.41	(2.40 - 4.83)
Region 7	6.24	(4.74 - 8.18)	3.28	(2.29 - 4.66)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)***

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Illinois</b>	7.49	(6.89 - 8.14)	3.33	(2.95 - 3.76)
Region I (Cook)	8.85	(7.83 - 9.98)	3.65	(2.99 - 4.44)
Region II	6.51	(5.66 - 7.47)	3.22	(2.65 - 3.92)
Region III	6.51	(5.41 - 7.82)	2.72	(2.06 - 3.58)
Region IV	6.37	(5.11 - 7.90)	3.10	(2.32 - 4.13)
Region V	6.48	(5.32 - 7.87)	3.17	(2.41 - 4.14)
<b>Indiana</b>	7.72	(6.73 - 8.85)	3.94	(3.32 - 4.67)
Central	9.10	(7.20 - 11.44)	4.42	(3.29 - 5.93)
East	6.78	(5.05 - 9.06)	3.85	(2.69 - 5.48)
North Central	7.59	(5.81 - 9.84)	3.87	(2.81 - 5.32)
Northeast	6.15	(4.64 - 8.11)	3.21	(2.24 - 4.59)
Northwest	7.87	(5.97 - 10.31)	3.72	(2.63 - 5.23)
Southeast	7.26	(5.49 - 9.53)	3.90	(2.76 - 5.48)
Southwest	7.25	(5.40 - 9.65)	4.06	(2.84 - 5.77)
West	7.67	(5.96 - 9.84)	3.89	(2.83 - 5.34)
<b>Iowa</b>	6.06	(5.22 - 7.04)	2.91	(2.36 - 3.58)
Central	7.37	(5.64 - 9.58)	3.77	(2.60 - 5.44)
North Central	5.53	(4.14 - 7.34)	2.66	(1.83 - 3.84)
Northeast	6.36	(4.99 - 8.08)	2.92	(2.13 - 4.00)
Northwest	4.80	(3.58 - 6.43)	2.42	(1.66 - 3.52)
Southeast	6.11	(4.74 - 7.84)	2.70	(1.92 - 3.79)
Southwest	5.71	(4.22 - 7.70)	2.98	(2.06 - 4.30)
<b>Kansas</b>	7.20	(6.21 - 8.33)	3.49	(2.86 - 4.26)
Kansas City Metro	8.46	(6.77 - 10.52)	3.93	(2.89 - 5.32)
Northeast	6.18	(4.64 - 8.20)	2.92	(2.03 - 4.18)
South Central	5.63	(4.19 - 7.53)	2.81	(1.95 - 4.02)
Southeast	7.06	(5.05 - 9.78)	3.27	(2.20 - 4.85)
West	6.06	(4.46 - 8.18)	3.21	(2.24 - 4.57)
Wichita (Sedgwick)	8.12	(6.24 - 10.51)	4.15	(2.90 - 5.91)
<b>Kentucky</b>	7.88	(6.85 - 9.06)	3.82	(3.19 - 4.58)
Adanta, Cumberland River, and Lifeskills	6.25	(4.73 - 8.21)	3.56	(2.55 - 4.96)
Bluegrass, Comprehend, and North Key	8.77	(7.03 - 10.90)	4.12	(3.02 - 5.60)
Communicare and River Valley	7.67	(5.83 - 10.03)	3.84	(2.73 - 5.38)
Four Rivers and Pennyroyal	7.89	(5.92 - 10.44)	3.57	(2.45 - 5.16)
Kentucky River, Mountain, and Pathways	6.19	(4.72 - 8.09)	3.75	(2.72 - 5.14)
Seven Counties	9.04	(7.09 - 11.46)	3.78	(2.78 - 5.14)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)***

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Louisiana</b>	8.24	(7.16 - 9.47)	4.23	(3.56 - 5.02)
Region 1	9.53	(7.04 - 12.79)	3.73	(2.53 - 5.49)
Regions 2 and 9	9.39	(7.60 - 11.54)	5.11	(3.88 - 6.69)
Region 3	8.34	(6.23 - 11.08)	4.16	(2.92 - 5.89)
Region 4	6.56	(4.83 - 8.85)	3.54	(2.47 - 5.04)
Regions 5 and 6	7.26	(5.52 - 9.50)	4.16	(2.99 - 5.78)
Regions 7 and 8	8.06	(6.41 - 10.08)	4.20	(3.10 - 5.66)
Region 10 (Jefferson)	7.53	(5.49 - 10.24)	3.77	(2.57 - 5.50)
<b>Maine</b>	9.75	(8.61 - 11.03)	3.18	(2.63 - 3.84)
Aroostook/Downeast	8.53	(6.41 - 11.26)	3.14	(2.16 - 4.54)
Central	10.43	(8.19 - 13.19)	3.16	(2.25 - 4.43)
Cumberland	10.45	(8.38 - 12.97)	3.19	(2.29 - 4.44)
Midcoast	8.25	(6.30 - 10.72)	3.00	(2.10 - 4.27)
Penquis	10.22	(8.13 - 12.77)	3.14	(2.23 - 4.41)
Western	10.39	(8.23 - 13.03)	3.07	(2.20 - 4.29)
York	9.33	(7.42 - 11.68)	3.48	(2.47 - 4.88)
<b>Maryland</b>	6.26	(5.33 - 7.34)	2.99	(2.42 - 3.68)
Anne Arundel	6.02	(4.38 - 8.21)	3.00	(2.01 - 4.45)
Baltimore City	9.46	(7.11 - 12.50)	3.79	(2.58 - 5.53)
Baltimore County	5.85	(4.38 - 7.79)	2.86	(1.99 - 4.08)
Montgomery	6.33	(4.73 - 8.43)	2.80	(1.91 - 4.07)
North Central	5.57	(4.10 - 7.53)	3.02	(2.03 - 4.45)
Northeast	6.11	(4.49 - 8.28)	3.27	(2.26 - 4.69)
Prince George's	5.58	(4.14 - 7.47)	2.51	(1.67 - 3.77)
South	5.74	(4.23 - 7.74)	2.95	(2.04 - 4.26)
West	5.31	(3.85 - 7.28)	3.08	(2.13 - 4.44)
<b>Massachusetts</b>	10.00	(8.86 - 11.27)	4.28	(3.59 - 5.09)
Boston	12.14	(9.54 - 15.34)	5.35	(3.91 - 7.29)
Central	10.91	(8.55 - 13.82)	4.69	(3.38 - 6.49)
Metrowest	8.51	(6.79 - 10.63)	3.39	(2.45 - 4.66)
Northeast	9.05	(7.20 - 11.32)	3.73	(2.69 - 5.15)
Southeast	9.55	(7.52 - 12.04)	4.32	(3.17 - 5.86)
Western	11.93	(9.69 - 14.61)	5.22	(3.85 - 7.05)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Michigan</b>	8.99	(8.36 - 9.66)	3.93	(3.54 - 4.35)
Bay	7.87	(6.15 - 10.02)	3.55	(2.58 - 4.86)
Detroit City	11.96	(9.87 - 14.43)	3.57	(2.63 - 4.82)
Genesee	10.87	(8.70 - 13.50)	4.83	(3.61 - 6.44)
Kalamazoo	8.22	(6.74 - 9.98)	3.57	(2.74 - 4.64)
Kent	8.30	(6.73 - 10.19)	3.81	(2.87 - 5.06)
Lakeshore	7.80	(6.37 - 9.52)	3.97	(3.04 - 5.16)
Macomb	9.04	(7.41 - 10.99)	4.26	(3.20 - 5.66)
Mid South	9.32	(7.76 - 11.15)	3.94	(3.10 - 4.99)
Northern	7.35	(5.95 - 9.04)	3.11	(2.33 - 4.14)
Oakland	9.47	(8.03 - 11.14)	3.93	(3.14 - 4.92)
Pathways	9.46	(7.18 - 12.35)	3.71	(2.64 - 5.20)
Saginaw	8.39	(6.31 - 11.07)	3.69	(2.58 - 5.26)
Southeast	8.84	(7.43 - 10.47)	4.57	(3.67 - 5.68)
St. Clair	7.19	(5.48 - 9.39)	3.62	(2.59 - 5.05)
Washtenaw	9.40	(7.66 - 11.48)	4.39	(3.34 - 5.74)
Western	7.31	(5.37 - 9.88)	3.34	(2.34 - 4.74)
<b>Minnesota</b>	8.01	(6.91 - 9.26)	3.18	(2.60 - 3.88)
Regions 1 and 2	8.76	(6.46 - 11.78)	3.71	(2.59 - 5.29)
Regions 3 and 4	7.19	(5.61 - 9.17)	2.67	(1.88 - 3.78)
Regions 5 and 6	6.44	(4.88 - 8.45)	3.05	(2.20 - 4.22)
Region 7A (Hennepin)	9.84	(7.71 - 12.48)	3.67	(2.56 - 5.24)
Region 7B (Ramsey)	8.73	(6.47 - 11.68)	3.18	(2.19 - 4.59)
Region 7C	7.38	(5.70 - 9.50)	2.88	(2.05 - 4.02)
<b>Mississippi</b>	6.88	(5.91 - 8.00)	3.36	(2.78 - 4.05)
Region 1	6.22	(4.74 - 8.11)	3.05	(2.12 - 4.36)
Region 2	8.02	(6.10 - 10.47)	3.63	(2.58 - 5.08)
Region 3	5.72	(4.21 - 7.74)	3.04	(2.13 - 4.33)
Region 4	6.85	(5.22 - 8.93)	3.09	(2.20 - 4.33)
Region 5	5.87	(4.18 - 8.17)	3.07	(2.12 - 4.44)
Region 6	6.97	(5.13 - 9.41)	3.66	(2.57 - 5.19)
Region 7	8.19	(6.30 - 10.59)	4.05	(2.88 - 5.66)
<b>Missouri</b>	7.86	(6.85 - 9.00)	3.70	(3.12 - 4.39)
Central	8.07	(6.28 - 10.32)	4.13	(3.06 - 5.55)
Eastern	8.54	(7.10 - 10.24)	3.62	(2.83 - 4.60)
Eastern (St. Louis City and County)	8.82	(7.01 - 11.04)	3.52	(2.59 - 4.77)
Eastern (excluding St. Louis)	7.99	(6.18 - 10.27)	3.81	(2.75 - 5.25)
Northwest	7.87	(6.34 - 9.73)	3.76	(2.87 - 4.91)
Northwest (Jackson)	8.80	(6.63 - 11.58)	3.89	(2.77 - 5.44)
Northwest (excluding Jackson)	7.04	(5.25 - 9.37)	3.65	(2.57 - 5.16)
Southeast	7.28	(5.54 - 9.50)	3.68	(2.68 - 5.04)
Southwest	6.54	(5.03 - 8.47)	3.44	(2.51 - 4.70)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Montana</b>	10.32	(9.07 - 11.71)	3.68	(3.05 - 4.43)
Region 1	7.68	(5.69 - 10.29)	3.09	(2.11 - 4.52)
Region 2	8.06	(6.14 - 10.52)	3.80	(2.72 - 5.28)
Region 3	8.28	(6.48 - 10.52)	3.43	(2.50 - 4.67)
Region 4	9.94	(8.16 - 12.05)	3.22	(2.35 - 4.39)
Region 5	13.84	(11.37 - 16.75)	4.34	(3.28 - 5.72)
<b>Nebraska</b>	6.65	(5.67 - 7.79)	3.16	(2.55 - 3.91)
Regions 1 and 2	5.58	(4.03 - 7.69)	2.91	(1.96 - 4.30)
Region 3	6.00	(4.51 - 7.95)	2.87	(1.99 - 4.12)
Region 4	5.25	(3.83 - 7.16)	2.87	(1.99 - 4.14)
Region 5	6.48	(5.06 - 8.26)	2.85	(2.04 - 3.98)
Region 6	7.74	(6.26 - 9.55)	3.61	(2.69 - 4.83)
<b>Nevada</b>	8.91	(7.58 - 10.45)	3.95	(3.17 - 4.91)
Clark	8.88	(7.33 - 10.71)	3.90	(2.99 - 5.08)
Rural	8.31	(6.30 - 10.89)	3.93	(2.80 - 5.47)
Washoe	9.62	(7.48 - 12.28)	4.17	(3.00 - 5.76)
<b>New Hampshire</b>	8.83	(7.74 - 10.05)	3.13	(2.58 - 3.80)
Central	9.63	(8.01 - 11.55)	3.98	(3.06 - 5.16)
Central 1	10.21	(8.10 - 12.79)	3.96	(2.88 - 5.43)
Central 2	9.08	(7.02 - 11.66)	4.00	(2.84 - 5.60)
Northern	9.02	(7.02 - 11.50)	2.85	(1.99 - 4.08)
Southern	8.40	(7.15 - 9.84)	2.79	(2.17 - 3.57)
Southern 1 (Rockingham)	7.78	(6.22 - 9.68)	2.85	(2.06 - 3.93)
Southern 2	8.77	(7.18 - 10.69)	2.75	(2.02 - 3.73)
<b>New Jersey</b>	7.07	(6.07 - 8.23)	3.29	(2.67 - 4.06)
Central	6.49	(4.97 - 8.43)	3.18	(2.27 - 4.45)
Metropolitan	7.71	(6.06 - 9.77)	3.76	(2.69 - 5.23)
Northern	6.11	(4.83 - 7.70)	3.03	(2.20 - 4.16)
Southern	8.47	(6.60 - 10.81)	3.27	(2.35 - 4.54)
<b>New Mexico</b>	9.29	(8.12 - 10.62)	4.12	(3.42 - 4.95)
Region 1	9.21	(7.18 - 11.74)	3.93	(2.85 - 5.39)
Region 2	10.65	(8.16 - 13.79)	4.08	(2.91 - 5.68)
Region 3 (Bernalillo)	10.01	(8.24 - 12.11)	4.42	(3.36 - 5.79)
Region 4	7.65	(5.86 - 9.94)	3.81	(2.70 - 5.34)
Region 5	8.26	(6.51 - 10.43)	4.07	(2.99 - 5.52)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>New York</b>	9.52	(8.81 - 10.29)	3.66	(3.23 - 4.15)
Region A	9.56	(8.55 - 10.67)	3.41	(2.84 - 4.09)
Region 1	9.77	(7.73 - 12.29)	3.57	(2.54 - 5.00)
Region 2	9.74	(8.18 - 11.56)	3.38	(2.57 - 4.44)
Region 3	12.59	(10.31 - 15.28)	4.23	(3.09 - 5.78)
Region 4	7.07	(5.62 - 8.85)	2.78	(1.99 - 3.87)
Region B	8.70	(7.58 - 9.97)	3.75	(3.06 - 4.60)
Region 5	8.92	(7.43 - 10.68)	4.28	(3.24 - 5.64)
Region 6	7.88	(6.23 - 9.93)	3.01	(2.15 - 4.21)
Region 7	9.26	(7.35 - 11.62)	3.14	(2.22 - 4.42)
Region C	10.29	(9.30 - 11.38)	4.01	(3.45 - 4.66)
Region 8	10.97	(9.08 - 13.18)	3.60	(2.71 - 4.75)
Region 9	11.17	(9.19 - 13.52)	4.19	(3.15 - 5.56)
Region 10	10.16	(8.28 - 12.42)	3.79	(2.79 - 5.13)
Region 11	9.03	(7.39 - 10.99)	3.68	(2.78 - 4.86)
Region 12	10.20	(8.49 - 12.21)	4.61	(3.51 - 6.02)
Region D	9.70	(8.32 - 11.27)	3.68	(2.99 - 4.52)
Region 13	8.83	(6.79 - 11.42)	3.29	(2.32 - 4.64)
Region 14	9.60	(7.32 - 12.50)	3.33	(2.33 - 4.76)
Region 15	10.56	(8.41 - 13.18)	4.35	(3.20 - 5.89)
<b>North Carolina</b>	7.24	(6.23 - 8.40)	3.81	(3.13 - 4.63)
Eastern	6.89	(5.37 - 8.81)	3.20	(2.25 - 4.54)
North Central	7.44	(5.74 - 9.60)	3.91	(2.81 - 5.41)
South Central	6.67	(5.17 - 8.56)	3.17	(2.27 - 4.41)
Western	7.71	(6.24 - 9.49)	4.52	(3.43 - 5.94)
<b>North Dakota</b>	6.04	(5.08 - 7.17)	2.53	(1.98 - 3.24)
Badlands and West Central	5.84	(4.40 - 7.71)	2.40	(1.67 - 3.45)
Lake Region and South Central	4.91	(3.48 - 6.88)	2.44	(1.62 - 3.65)
North Central and Northwest	4.98	(3.65 - 6.75)	2.51	(1.69 - 3.70)
Northeast	6.67	(5.08 - 8.70)	2.93	(2.03 - 4.22)
Southeast	7.29	(5.85 - 9.05)	2.53	(1.78 - 3.59)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)***

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	7.93	(7.33 - 8.57)	3.35	(3.01 - 3.72)
Boards 2, 46, 55, and 68	7.30	(5.70 - 9.31)	3.25	(2.41 - 4.37)
Boards 3, 52, and 85	6.39	(4.98 - 8.17)	3.04	(2.18 - 4.23)
Boards 4 and 78	7.43	(5.72 - 9.60)	2.91	(2.06 - 4.09)
Boards 5 and 60	7.74	(6.05 - 9.84)	3.38	(2.46 - 4.63)
Boards 7, 15, 41, 79, and 84	6.27	(4.81 - 8.13)	2.90	(2.10 - 4.00)
Boards 8, 13, and 83	7.22	(5.62 - 9.21)	3.12	(2.24 - 4.32)
Board 9 (Butler)	7.81	(6.12 - 9.93)	3.41	(2.48 - 4.68)
Board 12	7.75	(6.09 - 9.82)	3.36	(2.44 - 4.60)
Boards 18 and 47	8.42	(7.07 - 9.99)	3.06	(2.40 - 3.89)
Boards 20, 32, 54, and 69	5.62	(4.25 - 7.41)	3.05	(2.17 - 4.26)
Boards 21, 39, 51, 70, and 80	7.15	(5.59 - 9.09)	3.39	(2.50 - 4.59)
Boards 22, 74, and 87	7.15	(5.51 - 9.23)	3.34	(2.42 - 4.59)
Boards 23 and 45	6.31	(4.91 - 8.07)	2.97	(2.11 - 4.15)
Board 25 (Franklin)	9.12	(7.65 - 10.83)	3.56	(2.75 - 4.60)
Boards 27, 71, and 73	7.44	(5.79 - 9.50)	3.86	(2.84 - 5.23)
Boards 28, 43, and 67	8.07	(6.48 - 10.02)	3.94	(2.92 - 5.29)
Board 31 (Hamilton)	10.05	(8.12 - 12.36)	4.07	(3.09 - 5.34)
Board 48 (Lucas)	8.57	(6.83 - 10.71)	3.13	(2.28 - 4.29)
Boards 50 and 76	7.28	(5.76 - 9.17)	3.38	(2.52 - 4.52)
Board 57 (Montgomery)	9.47	(7.53 - 11.85)	3.53	(2.57 - 4.82)
Board 77 (Summit)	7.85	(6.17 - 9.95)	3.10	(2.29 - 4.18)
<b>Oklahoma</b>	8.19	(7.05 - 9.49)	4.00	(3.31 - 4.82)
Central	7.59	(5.79 - 9.89)	3.78	(2.68 - 5.31)
East Central	7.52	(5.45 - 10.28)	3.77	(2.62 - 5.40)
Northeast	7.75	(5.80 - 10.28)	3.77	(2.67 - 5.30)
Northwest and Southwest	7.28	(5.49 - 9.61)	3.77	(2.67 - 5.29)
Oklahoma County	9.20	(7.14 - 11.78)	3.87	(2.74 - 5.43)
Southeast	7.45	(5.49 - 10.04)	4.08	(2.84 - 5.83)
Tulsa County	9.70	(7.48 - 12.50)	4.79	(3.36 - 6.77)
<b>Oregon</b>	9.31	(8.15 - 10.61)	3.51	(2.91 - 4.23)
Region 1 (Multnomah)	12.51	(9.91 - 15.68)	4.08	(2.96 - 5.59)
Region 2	8.72	(6.98 - 10.85)	3.44	(2.54 - 4.64)
Region 3	8.55	(6.99 - 10.43)	3.17	(2.38 - 4.22)
Region 4	8.44	(6.47 - 10.95)	3.83	(2.71 - 5.37)
Region 5	8.19	(6.12 - 10.88)	3.24	(2.23 - 4.69)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)***

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Pennsylvania</b>	7.80	(7.19 - 8.45)	3.20	(2.85 - 3.59)
Region 1 (Allegheny)	9.30	(7.63 - 11.28)	3.35	(2.52 - 4.43)
Regions 2, 3, 8, and 9	6.47	(5.04 - 8.27)	2.93	(2.14 - 4.00)
Regions 4, 11, 37, and 49	7.28	(5.81 - 9.07)	2.90	(2.14 - 3.91)
Regions 5, 18, 23, 24, and 46	5.58	(4.38 - 7.08)	2.61	(1.93 - 3.53)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	7.07	(5.82 - 8.56)	3.03	(2.31 - 3.95)
Regions 7, 13, 20, and 33	7.89	(6.77 - 9.17)	3.43	(2.77 - 4.24)
Regions 10, 14, 15, 27, 32, 43, and 44	7.52	(5.88 - 9.56)	3.65	(2.65 - 5.00)
Regions 17 and 21	7.85	(6.10 - 10.05)	3.33	(2.43 - 4.54)
Regions 19, 26, 28, and 42	6.18	(5.11 - 7.46)	2.46	(1.84 - 3.28)
Regions 22, 38, 40, 41, and 48	6.86	(5.42 - 8.65)	3.10	(2.31 - 4.14)
Regions 25 and 30	7.86	(6.30 - 9.76)	3.35	(2.47 - 4.53)
Regions 29 and 34	6.99	(5.43 - 8.95)	2.74	(1.94 - 3.87)
Region 36 (Philadelphia)	11.19	(9.28 - 13.44)	4.06	(3.13 - 5.26)
<b>Rhode Island</b>	11.36	(10.05 - 12.82)	4.40	(3.70 - 5.24)
Bristol and Newport	11.44	(8.89 - 14.61)	4.48	(3.15 - 6.32)
Kent	9.41	(7.34 - 11.99)	3.81	(2.75 - 5.27)
Providence	11.70	(10.03 - 13.62)	4.39	(3.48 - 5.52)
Washington	12.18	(9.88 - 14.95)	5.16	(3.87 - 6.84)
<b>South Carolina</b>	7.22	(6.23 - 8.37)	3.51	(2.92 - 4.22)
Region 1	7.36	(5.80 - 9.31)	3.78	(2.81 - 5.07)
Region 2	7.72	(6.19 - 9.58)	3.96	(2.98 - 5.24)
Region 3	6.52	(4.92 - 8.60)	2.78	(1.97 - 3.90)
Region 4	7.00	(5.50 - 8.87)	3.22	(2.36 - 4.38)
<b>South Dakota</b>	6.49	(5.54 - 7.60)	2.60	(2.07 - 3.26)
Region 1	6.75	(5.14 - 8.81)	2.66	(1.84 - 3.84)
Region 2	6.15	(4.85 - 7.77)	2.55	(1.81 - 3.58)
Region 3	6.23	(4.80 - 8.04)	2.47	(1.71 - 3.54)
Region 4	7.73	(5.66 - 10.46)	3.21	(2.15 - 4.78)
Region 5	6.05	(4.38 - 8.29)	2.39	(1.60 - 3.57)
Region 6	6.26	(4.39 - 8.85)	2.29	(1.50 - 3.48)
Region 7	6.73	(5.08 - 8.85)	2.69	(1.85 - 3.89)
<b>Tennessee</b>	8.35	(7.30 - 9.53)	4.38	(3.66 - 5.23)
Region 1	8.27	(6.19 - 10.98)	4.83	(3.38 - 6.86)
Region 2	7.91	(6.23 - 10.01)	4.59	(3.39 - 6.17)
Region 3	8.25	(6.41 - 10.57)	4.50	(3.31 - 6.10)
Region 4 (Davidson)	11.04	(8.38 - 14.42)	5.45	(3.78 - 7.80)
Region 5	7.57	(5.92 - 9.63)	4.34	(3.21 - 5.85)
Region 6	7.21	(5.29 - 9.75)	3.60	(2.48 - 5.19)
Region 7 (Shelby)	9.18	(6.96 - 12.01)	3.62	(2.49 - 5.24)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)***

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Texas</b>	6.76	(6.23 - 7.32)	3.82	(3.44 - 4.24)
Region 1	7.34	(5.82 - 9.22)	4.04	(3.01 - 5.41)
Region 2	6.61	(5.07 - 8.58)	4.11	(2.92 - 5.74)
Region 3	6.98	(6.12 - 7.94)	3.83	(3.21 - 4.55)
Region 3a	7.02	(5.96 - 8.25)	4.03	(3.25 - 4.99)
Region 3bc	6.90	(5.65 - 8.40)	3.47	(2.64 - 4.53)
Region 4	6.37	(5.04 - 8.02)	4.07	(3.08 - 5.35)
Region 5	7.37	(5.69 - 9.49)	4.17	(3.08 - 5.63)
Region 6	6.43	(5.52 - 7.48)	3.50	(2.87 - 4.25)
Region 6a	6.30	(5.31 - 7.45)	3.41	(2.74 - 4.24)
Region 6bc	7.51	(5.85 - 9.61)	4.21	(3.06 - 5.76)
Region 7	8.55	(7.36 - 9.91)	4.64	(3.82 - 5.62)
Region 7a	9.53	(7.86 - 11.51)	5.30	(4.13 - 6.77)
Region 7bcd	7.06	(5.65 - 8.78)	3.63	(2.70 - 4.86)
Region 8	6.19	(5.03 - 7.60)	3.60	(2.75 - 4.70)
Region 9	6.30	(4.78 - 8.27)	3.94	(2.76 - 5.58)
Region 10	5.60	(4.27 - 7.32)	3.86	(2.78 - 5.35)
Region 11	5.49	(4.50 - 6.69)	3.33	(2.59 - 4.27)
Region 11abd	5.58	(4.32 - 7.16)	3.40	(2.48 - 4.66)
Region 11c (Hidalgo)	5.33	(4.07 - 6.96)	3.17	(2.25 - 4.46)
<b>Utah</b>	7.07	(6.06 - 8.23)	3.92	(3.27 - 4.70)
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.02	(4.44 - 8.12)	3.85	(2.71 - 5.43)
Central, Four Corners, San Juan, and Southwest	5.38	(3.94 - 7.31)	3.55	(2.51 - 5.01)
Davis County	7.28	(5.49 - 9.60)	4.26	(3.02 - 5.98)
Salt Lake County	8.49	(6.77 - 10.60)	4.02	(3.06 - 5.27)
Utah County	5.79	(4.38 - 7.61)	3.86	(2.79 - 5.31)
Weber, Morgan	6.43	(4.74 - 8.67)	3.81	(2.68 - 5.39)
<b>Vermont</b>	11.12	(9.87 - 12.50)	3.93	(3.31 - 4.65)
Champlain Valley	12.97	(11.14 - 15.05)	4.58	(3.67 - 5.69)
Rural Northeast	9.91	(8.02 - 12.18)	3.71	(2.82 - 4.86)
Rural Southeast	9.87	(7.74 - 12.51)	3.25	(2.31 - 4.54)
Rural Southwest	10.15	(7.97 - 12.84)	3.60	(2.54 - 5.08)
<b>Virginia</b>	7.07	(6.10 - 8.18)	3.39	(2.80 - 4.10)
Region 1	7.11	(5.52 - 9.10)	3.48	(2.52 - 4.78)
Region 2	6.57	(5.05 - 8.50)	2.95	(2.11 - 4.12)
Region 3	7.51	(5.77 - 9.71)	3.87	(2.84 - 5.25)
Region 4	7.39	(5.72 - 9.51)	3.71	(2.64 - 5.20)
Region 5	7.04	(5.52 - 8.92)	3.21	(2.31 - 4.43)

See notes at end of table.

(continued)

**Table C1. *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)***

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Washington</b>	9.31	(8.09 - 10.69)	3.78	(3.12 - 4.58)
Region 1	9.24	(7.12 - 11.91)	3.61	(2.57 - 5.07)
Region 2	7.86	(5.89 - 10.41)	3.68	(2.58 - 5.23)
Region 3	9.54	(7.36 - 12.28)	4.00	(2.84 - 5.60)
Region 4 (King)	10.53	(8.42 - 13.09)	3.97	(2.92 - 5.37)
Region 5	7.62	(5.87 - 9.85)	3.64	(2.61 - 5.06)
Region 6	9.29	(7.23 - 11.86)	3.55	(2.53 - 4.95)
<b>West Virginia</b>	7.98	(6.99 - 9.10)	4.23	(3.56 - 5.02)
Eastern Highland	7.45	(5.83 - 9.47)	4.00	(2.92 - 5.45)
Northern	9.32	(7.80 - 11.10)	4.98	(3.92 - 6.31)
Northern A and B	6.49	(4.74 - 8.84)	3.66	(2.53 - 5.28)
Northern C and D	10.75	(8.73 - 13.16)	5.64	(4.28 - 7.40)
South Central	7.64	(6.39 - 9.10)	3.94	(3.14 - 4.94)
South Central I	6.71	(5.05 - 8.86)	3.69	(2.60 - 5.20)
South Central II	8.67	(6.72 - 11.11)	4.79	(3.46 - 6.60)
South Central III	7.51	(5.80 - 9.66)	3.54	(2.51 - 4.96)
Southern	7.42	(5.92 - 9.27)	4.03	(3.07 - 5.27)
Southern I and III	7.24	(5.45 - 9.57)	3.86	(2.75 - 5.38)
Southern II	7.77	(5.80 - 10.35)	4.37	(3.02 - 6.27)
<b>Wisconsin</b>	7.42	(6.44 - 8.53)	3.34	(2.79 - 4.00)
Milwaukee	8.77	(6.75 - 11.32)	3.34	(2.37 - 4.69)
Northeastern	6.74	(5.23 - 8.65)	3.27	(2.37 - 4.49)
Northern	6.88	(5.07 - 9.27)	3.10	(2.15 - 4.44)
Southeastern	6.74	(5.21 - 8.68)	3.30	(2.39 - 4.55)
Southern	8.29	(6.57 - 10.41)	3.42	(2.51 - 4.65)
Western	6.99	(5.31 - 9.16)	3.55	(2.58 - 4.88)
<b>Wyoming</b>	8.40	(7.33 - 9.60)	3.90	(3.27 - 4.63)
Judicial District 1 (Laramie)	7.92	(6.01 - 10.38)	3.68	(2.59 - 5.21)
Judicial District 2	11.01	(8.58 - 14.02)	4.40	(3.17 - 6.08)
Judicial District 3	8.17	(6.37 - 10.42)	4.20	(3.10 - 5.66)
Judicial District 4	8.07	(5.98 - 10.80)	3.77	(2.56 - 5.52)
Judicial District 5	6.17	(4.62 - 8.19)	3.44	(2.38 - 4.95)
Judicial District 6	7.51	(5.65 - 9.92)	3.58	(2.50 - 5.12)
Judicial District 7 (Natrona)	8.86	(6.89 - 11.33)	3.92	(2.86 - 5.33)
Judicial District 8	6.37	(4.68 - 8.61)	3.54	(2.44 - 5.11)
Judicial District 9	10.49	(7.80 - 13.97)	4.31	(2.98 - 6.19)

\*\* A separate Kauai estimate is not being reported because of low precision. See Table D12 of Section D for more details.

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: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Total United States</b>	6.05	(5.88 - 6.23)	1.65	(1.60 - 1.70)	39.15	(38.75 - 39.56)
<b>Northeast</b>	6.85	(6.51 - 7.21)	1.70	(1.62 - 1.78)	36.62	(35.77 - 37.48)
<b>Midwest</b>	5.86	(5.61 - 6.13)	1.75	(1.68 - 1.82)	37.60	(36.95 - 38.26)
<b>South</b>	5.27	(5.03 - 5.51)	1.50	(1.44 - 1.57)	43.16	(42.51 - 43.80)
<b>West</b>	6.83	(6.45 - 7.23)	1.74	(1.65 - 1.84)	36.43	(35.57 - 37.30)
<b>Alabama</b>	4.77	(3.99 - 5.70)	1.31	(1.14 - 1.51)	50.15	(47.44 - 52.87)
Region 1	3.96	(2.96 - 5.27)	1.26	(0.99 - 1.60)	49.05	(44.65 - 53.47)
Region 2	5.27	(4.10 - 6.75)	1.37	(1.10 - 1.70)	49.36	(45.10 - 53.62)
Region 3	4.96	(3.65 - 6.71)	1.40	(1.07 - 1.83)	50.25	(45.40 - 55.10)
Region 4	4.94	(3.72 - 6.53)	1.22	(0.95 - 1.57)	52.62	(47.97 - 57.22)
<b>Alaska</b>	9.88	(8.54 - 11.41)	2.41	(2.06 - 2.83)	27.38	(24.99 - 29.92)
Gulf Coast	8.23	(5.89 - 11.38)	2.05	(1.45 - 2.90)	28.30	(23.44 - 33.72)
Rural	8.74	(6.26 - 12.08)	2.64	(1.79 - 3.89)	36.84	(31.17 - 42.89)
Southeast	9.62	(7.09 - 12.92)	2.60	(1.91 - 3.53)	25.30	(20.98 - 30.16)
Urban	10.42	(8.84 - 12.25)	2.41	(1.97 - 2.94)	26.02	(23.30 - 28.93)
<b>Arizona</b>	5.28	(4.42 - 6.29)	1.71	(1.48 - 1.98)	39.34	(36.69 - 42.05)
Maricopa	5.38	(4.35 - 6.62)	1.74	(1.45 - 2.09)	39.31	(36.18 - 42.52)
Pima	5.61	(4.11 - 7.62)	1.84	(1.39 - 2.43)	35.72	(30.96 - 40.78)
Rural North	5.50	(4.01 - 7.49)	1.71	(1.28 - 2.28)	39.19	(33.98 - 44.66)
Rural South	4.11	(2.85 - 5.90)	1.42	(1.05 - 1.93)	44.59	(38.65 - 50.68)
<b>Arkansas</b>	5.55	(4.68 - 6.56)	1.44	(1.26 - 1.65)	45.40	(42.71 - 48.11)
Areas 1 and 2	5.36	(3.98 - 7.18)	1.52	(1.16 - 1.99)	43.10	(38.08 - 48.27)
Areas 3 and 4	4.87	(3.59 - 6.58)	1.32	(1.01 - 1.73)	48.15	(42.99 - 53.36)
Areas 5 and 6	5.21	(3.84 - 7.03)	1.42	(1.08 - 1.88)	42.95	(38.00 - 48.06)
Areas 7, 12, and 13	5.28	(3.85 - 7.20)	1.39	(1.05 - 1.85)	49.20	(43.96 - 54.46)
Areas 8, 10, and 11	6.02	(4.53 - 7.95)	1.34	(1.03 - 1.73)	48.12	(43.00 - 53.28)
Area 9	6.49	(4.95 - 8.47)	1.65	(1.29 - 2.11)	42.41	(37.68 - 47.29)
<b>California</b>	6.98	(6.40 - 7.62)	1.66	(1.53 - 1.80)	38.48	(37.10 - 39.88)
Region 1	11.32	(8.64 - 14.69)	1.91	(1.40 - 2.59)	31.48	(26.82 - 36.55)
Region 2	9.34	(7.63 - 11.39)	2.11	(1.71 - 2.59)	31.44	(28.06 - 35.03)
Region 3	6.44	(4.90 - 8.42)	1.61	(1.24 - 2.09)	41.28	(36.56 - 46.16)
Region 4	10.03	(7.84 - 12.75)	1.65	(1.25 - 2.16)	29.25	(25.20 - 33.65)
Region 5	8.62	(6.90 - 10.74)	1.83	(1.47 - 2.28)	30.79	(27.18 - 34.66)
Region 6 (Santa Clara)	5.17	(3.86 - 6.88)	1.44	(1.13 - 1.83)	35.49	(31.21 - 40.03)
Region 7	7.62	(5.65 - 10.19)	1.86	(1.38 - 2.49)	33.10	(28.29 - 38.28)
Region 8	5.96	(4.54 - 7.80)	1.56	(1.21 - 2.02)	45.03	(40.38 - 49.76)
Region 9	7.29	(5.56 - 9.52)	2.04	(1.56 - 2.66)	39.52	(34.76 - 44.49)
Region 10	8.30	(6.32 - 10.82)	2.02	(1.55 - 2.63)	36.25	(31.71 - 41.04)
Region 11 (Los Angeles)	5.53	(4.70 - 6.49)	1.43	(1.23 - 1.66)	43.14	(40.60 - 45.72)
Region 12	6.21	(4.79 - 8.02)	1.57	(1.23 - 2.00)	45.73	(41.55 - 49.97)
Region 13 (Riverside)	5.88	(4.52 - 7.62)	1.66	(1.31 - 2.11)	41.85	(37.49 - 46.33)
Region 14 (Orange)	6.76	(5.32 - 8.56)	1.68	(1.34 - 2.10)	39.94	(35.87 - 44.16)
Region 15	6.87	(5.53 - 8.51)	1.84	(1.50 - 2.25)	37.07	(33.50 - 40.78)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Colorado</b>	7.29	(6.26 - 8.48)	2.05	(1.78 - 2.37)	32.03	(29.60 - 34.56)
Region 1	7.06	(5.36 - 9.25)	2.17	(1.63 - 2.88)	32.34	(27.80 - 37.24)
Regions 2 and 7	7.88	(6.53 - 9.47)	2.10	(1.73 - 2.53)	30.61	(27.52 - 33.89)
Region 3	6.33	(4.71 - 8.46)	1.95	(1.46 - 2.60)	31.41	(26.62 - 36.62)
Region 4	5.01	(3.59 - 6.96)	1.95	(1.42 - 2.67)	42.60	(36.97 - 48.44)
Regions 5 and 6	7.08	(5.14 - 9.66)	1.89	(1.40 - 2.54)	34.08	(28.76 - 39.84)
<b>Connecticut</b>	7.34	(6.30 - 8.53)	2.12	(1.85 - 2.43)	34.00	(31.29 - 36.81)
Eastern	8.80	(6.63 - 11.59)	2.63	(1.97 - 3.52)	33.02	(28.11 - 38.32)
North Central	7.07	(5.63 - 8.84)	1.88	(1.49 - 2.37)	37.10	(32.67 - 41.76)
Northwestern	7.15	(5.47 - 9.31)	2.40	(1.85 - 3.11)	31.62	(26.93 - 36.73)
South Central	7.93	(6.16 - 10.15)	2.30	(1.81 - 2.90)	33.28	(29.00 - 37.85)
Southwest	6.26	(4.74 - 8.22)	1.71	(1.32 - 2.23)	33.08	(28.33 - 38.21)
<b>Delaware</b>	5.84	(4.99 - 6.83)	1.82	(1.58 - 2.09)	38.70	(36.11 - 41.36)
Kent	4.92	(3.64 - 6.64)	1.63	(1.27 - 2.09)	44.39	(39.25 - 49.65)
New Castle (excluding Wilmington City)	6.01	(4.95 - 7.27)	2.05	(1.71 - 2.47)	34.59	(31.38 - 37.94)
Sussex	5.30	(3.99 - 7.00)	1.39	(1.07 - 1.80)	43.28	(38.23 - 48.48)
Wilmington City	7.68	(5.51 - 10.62)	1.85	(1.35 - 2.54)	41.83	(35.74 - 48.19)
<b>District of Columbia</b>	7.31	(6.22 - 8.57)	1.97	(1.70 - 2.27)	31.49	(28.97 - 34.13)
Ward 1	8.71	(6.36 - 11.82)	2.15	(1.53 - 3.02)	29.14	(24.22 - 34.61)
Ward 2	9.30	(7.16 - 11.99)	2.95	(2.17 - 4.00)	23.16	(19.21 - 27.66)
Ward 3	6.01	(4.32 - 8.32)	2.36	(1.71 - 3.25)	17.90	(14.31 - 22.16)
Ward 4	5.39	(3.82 - 7.56)	1.33	(0.99 - 1.79)	38.22	(32.54 - 44.25)
Ward 5	7.81	(5.86 - 10.34)	1.65	(1.23 - 2.21)	36.89	(31.89 - 42.18)
Ward 6	7.24	(5.12 - 10.15)	1.48	(1.06 - 2.06)	28.98	(23.97 - 34.57)
Ward 7	6.12	(4.42 - 8.41)	1.84	(1.41 - 2.40)	44.04	(38.40 - 49.83)
Ward 8	8.02	(6.05 - 10.57)	2.08	(1.59 - 2.72)	40.93	(35.97 - 46.08)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Florida</b>	5.65	(5.18 - 6.17)	1.40	(1.29 - 1.51)	42.98	(41.56 - 44.41)
Region A	8.09	(6.79 - 9.61)	2.09	(1.76 - 2.49)	39.48	(36.37 - 42.67)
Circuit 1	7.27	(5.54 - 9.48)	1.83	(1.40 - 2.38)	40.82	(36.09 - 45.72)
Circuit 2	10.76	(8.41 - 13.68)	3.04	(2.30 - 4.02)	36.06	(31.35 - 41.05)
Circuit 14	6.32	(4.62 - 8.60)	1.50	(1.12 - 2.01)	41.05	(35.53 - 46.81)
Region B	7.33	(6.33 - 8.48)	1.88	(1.63 - 2.17)	39.04	(36.27 - 41.89)
Circuits 3 and 8	7.85	(6.15 - 9.97)	2.09	(1.62 - 2.70)	40.03	(35.44 - 44.79)
Circuit 4	8.02	(6.40 - 10.01)	1.94	(1.55 - 2.42)	37.81	(33.65 - 42.15)
Circuit 7	6.01	(4.65 - 7.74)	1.65	(1.29 - 2.11)	39.99	(35.11 - 45.09)
Region C	5.41	(4.70 - 6.22)	1.40	(1.24 - 1.58)	41.51	(39.21 - 43.85)
Circuit 5	4.06	(3.07 - 5.36)	0.97	(0.75 - 1.24)	45.15	(40.21 - 50.19)
Circuit 9	6.42	(5.12 - 8.04)	1.64	(1.32 - 2.04)	42.56	(38.59 - 46.62)
Circuit 10	4.33	(3.14 - 5.95)	1.15	(0.87 - 1.52)	44.49	(39.54 - 49.56)
Circuit 18	6.48	(5.04 - 8.29)	1.75	(1.39 - 2.20)	35.63	(31.44 - 40.06)
Circuit 19	4.88	(3.64 - 6.52)	1.48	(1.09 - 1.99)	39.37	(33.94 - 45.08)
Region D	4.81	(4.20 - 5.51)	1.14	(1.01 - 1.30)	47.69	(45.54 - 49.85)
Circuits 11 and 16	3.84	(3.06 - 4.81)	0.89	(0.72 - 1.10)	54.01	(50.77 - 57.21)
Circuit 15 (Palm Beach)	6.23	(4.96 - 7.80)	1.53	(1.24 - 1.90)	42.64	(38.56 - 46.83)
Circuit 17 (Broward)	5.22	(4.18 - 6.50)	1.31	(1.08 - 1.59)	42.10	(38.60 - 45.68)
Region E	5.29	(4.61 - 6.06)	1.30	(1.14 - 1.48)	41.51	(39.06 - 44.01)
Circuit 6	5.67	(4.46 - 7.18)	1.25	(1.00 - 1.56)	40.75	(36.60 - 45.04)
Circuit 12	4.73	(3.55 - 6.28)	1.16	(0.88 - 1.51)	43.11	(37.86 - 48.51)
Circuit 13 (Hillsborough)	6.13	(4.86 - 7.70)	1.61	(1.28 - 2.03)	41.64	(37.50 - 45.91)
Circuit 20	4.30	(3.27 - 5.64)	1.16	(0.93 - 1.46)	41.28	(36.81 - 45.89)
<b>Georgia</b>	6.15	(5.12 - 7.37)	1.63	(1.41 - 1.88)	43.64	(40.84 - 46.48)
Region 1	4.92	(3.56 - 6.77)	1.42	(1.09 - 1.85)	46.01	(40.76 - 51.35)
Region 2	5.22	(3.84 - 7.07)	1.78	(1.37 - 2.32)	45.36	(40.20 - 50.63)
Region 3	7.66	(5.99 - 9.74)	1.67	(1.34 - 2.07)	40.92	(37.07 - 44.89)
Region 4	4.40	(3.10 - 6.22)	1.54	(1.18 - 2.02)	46.10	(40.91 - 51.38)
Region 5	5.41	(3.91 - 7.46)	1.62	(1.21 - 2.17)	45.38	(40.18 - 50.69)
<b>Hawaii</b>	5.88	(4.85 - 7.12)	1.73	(1.45 - 2.06)	38.03	(35.04 - 41.11)
Hawaii Island	8.57	(6.08 - 11.95)	1.99	(1.43 - 2.77)	37.69	(32.25 - 43.46)
Honolulu	4.99	(3.97 - 6.26)	1.64	(1.34 - 2.01)	39.02	(35.56 - 42.60)
Kauai and Maui**	7.73	(5.73 - 10.34)	1.95	(1.47 - 2.59)	33.86	(29.21 - 38.84)
Maui	8.39	(6.00 - 11.60)	1.90	(1.38 - 2.61)	32.27	(26.99 - 38.03)
<b>Idaho</b>	5.03	(4.26 - 5.94)	1.80	(1.57 - 2.07)	38.53	(36.08 - 41.04)
Region 1	5.29	(3.87 - 7.20)	1.96	(1.44 - 2.68)	34.04	(29.23 - 39.19)
Region 2	6.02	(4.38 - 8.23)	1.79	(1.30 - 2.47)	35.33	(29.97 - 41.08)
Region 3	4.46	(3.28 - 6.04)	1.66	(1.25 - 2.19)	40.37	(35.96 - 44.95)
Region 4	5.64	(4.37 - 7.24)	2.18	(1.69 - 2.81)	34.69	(30.53 - 39.11)
Region 5	4.28	(3.01 - 6.06)	1.35	(0.99 - 1.84)	43.74	(38.74 - 48.86)
Region 6	4.82	(3.51 - 6.59)	1.66	(1.22 - 2.26)	41.30	(36.24 - 46.55)
Region 7	4.39	(3.22 - 5.94)	1.77	(1.28 - 2.44)	44.66	(39.47 - 49.98)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Illinois</b>	5.51	(5.01 - 6.05)	1.68	(1.55 - 1.82)	38.95	(37.57 - 40.36)
Region I (Cook)	6.37	(5.55 - 7.30)	1.76	(1.55 - 2.00)	39.00	(36.86 - 41.20)
Region II	4.67	(3.98 - 5.48)	1.70	(1.49 - 1.95)	35.81	(33.54 - 38.15)
Region III	5.36	(4.40 - 6.52)	1.70	(1.40 - 2.07)	40.98	(37.64 - 44.40)
Region IV	4.72	(3.70 - 6.01)	1.46	(1.17 - 1.83)	44.06	(40.00 - 48.21)
Region V	5.02	(4.06 - 6.18)	1.36	(1.10 - 1.69)	42.19	(38.33 - 46.16)
<b>Indiana</b>	5.51	(4.70 - 6.46)	1.77	(1.57 - 2.01)	38.73	(36.15 - 41.37)
Central	6.33	(4.87 - 8.21)	1.92	(1.54 - 2.40)	37.31	(33.04 - 41.80)
East	4.74	(3.46 - 6.46)	1.58	(1.17 - 2.12)	38.25	(32.87 - 43.94)
North Central	5.26	(3.82 - 7.20)	1.73	(1.31 - 2.28)	39.26	(34.12 - 44.65)
Northeast	4.51	(3.25 - 6.23)	1.26	(0.90 - 1.76)	42.74	(37.31 - 48.34)
Northwest	5.90	(4.31 - 8.01)	1.77	(1.36 - 2.30)	39.63	(34.81 - 44.66)
Southeast	5.10	(3.77 - 6.88)	1.61	(1.20 - 2.17)	40.95	(35.60 - 46.53)
Southwest	5.22	(3.73 - 7.26)	1.66	(1.23 - 2.23)	37.50	(31.94 - 43.40)
West	5.75	(4.37 - 7.54)	2.45	(1.85 - 3.23)	35.77	(30.99 - 40.85)
<b>Iowa</b>	4.38	(3.65 - 5.25)	1.57	(1.37 - 1.80)	39.34	(36.85 - 41.89)
Central	5.11	(3.72 - 6.98)	2.26	(1.67 - 3.06)	36.62	(31.73 - 41.81)
North Central	3.91	(2.79 - 5.46)	1.48	(1.09 - 2.00)	39.26	(34.27 - 44.49)
Northeast	4.77	(3.64 - 6.23)	1.62	(1.30 - 2.02)	39.40	(35.44 - 43.50)
Northwest	3.33	(2.38 - 4.63)	1.25	(0.94 - 1.66)	40.96	(36.06 - 46.05)
Southeast	4.58	(3.42 - 6.11)	1.54	(1.20 - 1.99)	38.74	(34.31 - 43.36)
Southwest	4.00	(2.89 - 5.51)	1.22	(0.91 - 1.65)	42.65	(37.14 - 48.35)
<b>Kansas</b>	5.42	(4.61 - 6.36)	1.76	(1.54 - 2.01)	40.16	(37.55 - 42.83)
Kansas City Metro	6.65	(5.26 - 8.38)	2.38	(1.88 - 3.01)	34.65	(30.81 - 38.69)
Northeast	4.83	(3.52 - 6.58)	1.68	(1.29 - 2.20)	39.87	(35.02 - 44.93)
South Central	4.20	(3.02 - 5.80)	1.24	(0.91 - 1.70)	45.71	(40.46 - 51.06)
Southeast	4.93	(3.34 - 7.23)	1.61	(1.16 - 2.23)	43.93	(37.70 - 50.35)
West	4.31	(3.05 - 6.04)	1.66	(1.22 - 2.26)	48.60	(43.19 - 54.05)
Wichita (Sedgwick)	5.75	(4.30 - 7.65)	1.41	(1.06 - 1.89)	38.91	(34.16 - 43.88)
<b>Kentucky</b>	5.80	(4.91 - 6.84)	1.56	(1.36 - 1.77)	43.39	(40.77 - 46.04)
Adanta, Cumberland River, and Lifeskills	4.32	(3.14 - 5.91)	1.38	(1.07 - 1.79)	45.81	(40.89 - 50.82)
Bluegrass, Comprehend, and North Key	6.54	(5.11 - 8.33)	1.72	(1.37 - 2.16)	40.52	(36.17 - 45.02)
Communicare and River Valley	5.34	(3.86 - 7.35)	1.44	(1.06 - 1.94)	45.65	(40.25 - 51.17)
Four Rivers and Pennyroyal	5.45	(3.93 - 7.50)	1.45	(1.09 - 1.92)	47.49	(41.88 - 53.16)
Kentucky River, Mountain, and Pathways	4.26	(3.07 - 5.90)	1.25	(0.95 - 1.64)	49.70	(44.45 - 54.96)
Seven Counties	7.24	(5.52 - 9.44)	1.82	(1.43 - 2.31)	38.72	(34.31 - 43.31)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Louisiana</b>	5.44	(4.57 - 6.45)	1.62	(1.42 - 1.86)	44.22	(41.65 - 46.83)
Region 1	6.56	(4.61 - 9.24)	1.39	(0.99 - 1.95)	43.14	(37.23 - 49.24)
Regions 2 and 9	6.07	(4.79 - 7.68)	2.09	(1.66 - 2.64)	41.50	(37.33 - 45.80)
Region 3	5.55	(4.03 - 7.60)	1.72	(1.25 - 2.34)	44.06	(38.78 - 49.48)
Region 4	4.33	(3.13 - 5.98)	1.51	(1.14 - 1.99)	45.77	(40.48 - 51.16)
Regions 5 and 6	4.37	(3.17 - 5.99)	1.50	(1.12 - 2.01)	45.60	(40.60 - 50.69)
Regions 7 and 8	5.40	(4.08 - 7.11)	1.42	(1.11 - 1.83)	48.75	(44.12 - 53.41)
Region 10 (Jefferson)	5.23	(3.62 - 7.49)	1.46	(1.07 - 2.00)	39.86	(34.31 - 45.67)
<b>Maine</b>	8.66	(7.52 - 9.96)	2.04	(1.79 - 2.32)	32.53	(29.88 - 35.29)
Aroostook/Downeast	7.21	(5.27 - 9.77)	1.71	(1.28 - 2.28)	32.48	(27.10 - 38.37)
Central	9.21	(7.13 - 11.81)	2.04	(1.56 - 2.66)	34.69	(29.53 - 40.23)
Cumberland	9.67	(7.64 - 12.16)	2.29	(1.81 - 2.90)	28.51	(24.57 - 32.80)
Midcoast	7.01	(5.20 - 9.37)	2.22	(1.66 - 2.96)	33.03	(27.74 - 38.78)
Penquis	9.45	(7.41 - 11.98)	2.21	(1.69 - 2.89)	35.11	(29.98 - 40.62)
Western	9.29	(7.28 - 11.78)	2.21	(1.68 - 2.91)	33.30	(28.41 - 38.58)
York	7.99	(6.19 - 10.24)	1.59	(1.21 - 2.10)	33.04	(28.29 - 38.18)
<b>Maryland</b>	4.69	(3.91 - 5.63)	1.70	(1.49 - 1.94)	40.45	(37.75 - 43.21)
Anne Arundel	4.51	(3.10 - 6.50)	1.99	(1.44 - 2.75)	37.97	(32.37 - 43.91)
Baltimore City	6.68	(4.82 - 9.17)	1.90	(1.38 - 2.62)	44.87	(39.52 - 50.34)
Baltimore County	4.56	(3.36 - 6.15)	1.66	(1.27 - 2.17)	40.87	(35.29 - 46.68)
Montgomery	4.84	(3.51 - 6.66)	1.46	(1.09 - 1.94)	37.10	(32.19 - 42.29)
North Central	4.37	(3.06 - 6.20)	2.15	(1.55 - 2.97)	33.87	(28.42 - 39.79)
Northeast	4.52	(3.24 - 6.28)	1.80	(1.32 - 2.45)	38.68	(32.91 - 44.78)
Prince George's	4.38	(3.14 - 6.08)	1.57	(1.18 - 2.09)	45.77	(40.69 - 50.95)
South	4.23	(3.04 - 5.86)	1.63	(1.21 - 2.19)	41.57	(36.10 - 47.26)
West	3.70	(2.58 - 5.28)	1.60	(1.17 - 2.18)	40.36	(35.08 - 45.87)
<b>Massachusetts</b>	8.05	(7.00 - 9.25)	1.96	(1.73 - 2.23)	29.83	(27.37 - 32.40)
Boston	9.70	(7.45 - 12.54)	1.81	(1.35 - 2.43)	30.52	(25.92 - 35.54)
Central	8.42	(6.43 - 10.96)	2.02	(1.52 - 2.68)	30.85	(26.15 - 35.97)
Metrowest	7.13	(5.55 - 9.12)	2.07	(1.61 - 2.65)	25.38	(21.52 - 29.67)
Northeast	7.35	(5.67 - 9.48)	1.76	(1.36 - 2.27)	32.12	(27.86 - 36.71)
Southeast	7.56	(5.92 - 9.62)	1.74	(1.33 - 2.28)	30.48	(26.17 - 35.16)
Western	9.63	(7.60 - 12.15)	2.56	(1.95 - 3.35)	31.73	(26.76 - 37.15)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Michigan</b>	6.79	(6.25 - 7.37)	1.96	(1.82 - 2.12)	35.97	(34.63 - 37.34)
Bay	5.48	(4.15 - 7.22)	1.58	(1.22 - 2.06)	38.36	(33.92 - 43.00)
Detroit City	9.75	(7.94 - 11.91)	2.00	(1.62 - 2.46)	42.85	(39.10 - 46.69)
Genesee	7.75	(6.12 - 9.76)	1.87	(1.46 - 2.40)	33.87	(29.72 - 38.29)
Kalamazoo	6.36	(5.10 - 7.89)	2.23	(1.80 - 2.76)	36.29	(32.53 - 40.23)
Kent	6.17	(4.88 - 7.78)	1.90	(1.52 - 2.38)	35.20	(31.11 - 39.52)
Lakeshore	5.42	(4.34 - 6.76)	1.87	(1.52 - 2.31)	39.03	(35.13 - 43.08)
Macomb	6.27	(5.01 - 7.82)	1.88	(1.52 - 2.33)	32.78	(29.23 - 36.55)
Mid South	7.15	(5.90 - 8.64)	2.34	(1.91 - 2.85)	33.07	(29.78 - 36.54)
Northern	5.87	(4.62 - 7.42)	1.88	(1.54 - 2.30)	37.57	(33.77 - 41.53)
Oakland	7.93	(6.59 - 9.51)	1.75	(1.45 - 2.11)	31.32	(28.26 - 34.56)
Pathways	7.41	(5.46 - 10.00)	2.02	(1.49 - 2.74)	35.03	(29.87 - 40.55)
Saginaw	6.71	(4.92 - 9.09)	2.03	(1.49 - 2.75)	37.17	(31.98 - 42.66)
Southeast	5.91	(4.88 - 7.14)	1.81	(1.51 - 2.16)	39.49	(36.11 - 42.98)
St. Clair	5.31	(3.91 - 7.18)	1.73	(1.29 - 2.30)	38.32	(33.27 - 43.64)
Washtenaw	7.17	(5.70 - 8.98)	2.82	(2.22 - 3.57)	29.17	(25.57 - 33.06)
Western	5.38	(3.86 - 7.46)	1.75	(1.27 - 2.42)	37.43	(31.90 - 43.31)
<b>Minnesota</b>	6.85	(5.83 - 8.03)	1.82	(1.58 - 2.09)	31.47	(29.04 - 34.01)
Regions 1 and 2	6.95	(4.98 - 9.63)	1.54	(1.15 - 2.07)	33.09	(27.90 - 38.74)
Regions 3 and 4	6.11	(4.65 - 7.99)	1.61	(1.22 - 2.11)	36.27	(31.99 - 40.78)
Regions 5 and 6	5.25	(3.98 - 6.90)	1.74	(1.36 - 2.24)	33.70	(29.32 - 38.37)
Region 7A (Hennepin)	8.83	(6.77 - 11.44)	2.06	(1.58 - 2.67)	28.54	(24.35 - 33.14)
Region 7B (Ramsey)	7.54	(5.44 - 10.37)	1.91	(1.41 - 2.57)	30.21	(25.21 - 35.73)
Region 7C	6.35	(4.79 - 8.37)	1.94	(1.50 - 2.50)	28.67	(24.84 - 32.83)
<b>Mississippi</b>	4.89	(4.08 - 5.85)	1.38	(1.20 - 1.58)	51.97	(49.23 - 54.69)
Region 1	4.57	(3.36 - 6.19)	1.31	(1.01 - 1.71)	52.08	(47.33 - 56.79)
Region 2	5.38	(3.90 - 7.38)	1.54	(1.16 - 2.04)	54.80	(49.72 - 59.78)
Region 3	3.85	(2.73 - 5.40)	1.14	(0.84 - 1.54)	55.53	(50.22 - 60.72)
Region 4	5.04	(3.72 - 6.79)	1.49	(1.13 - 1.96)	47.47	(42.33 - 52.67)
Region 5	3.94	(2.72 - 5.67)	1.22	(0.90 - 1.65)	57.26	(51.22 - 63.10)
Region 6	4.82	(3.37 - 6.85)	1.32	(0.98 - 1.78)	55.02	(49.65 - 60.28)
Region 7	6.09	(4.47 - 8.24)	1.55	(1.19 - 2.02)	46.87	(41.67 - 52.14)
<b>Missouri</b>	5.61	(4.76 - 6.61)	1.68	(1.47 - 1.92)	40.83	(38.16 - 43.56)
Central	5.27	(3.95 - 7.00)	1.72	(1.32 - 2.23)	40.21	(35.57 - 45.03)
Eastern	6.46	(5.16 - 8.06)	1.87	(1.53 - 2.28)	35.83	(32.11 - 39.74)
Eastern (St. Louis City and County)	6.90	(5.27 - 8.99)	1.74	(1.35 - 2.23)	35.10	(30.57 - 39.91)
Eastern (excluding St. Louis)	5.58	(4.13 - 7.52)	2.13	(1.59 - 2.86)	37.29	(32.23 - 42.64)
Northwest	5.52	(4.27 - 7.13)	1.68	(1.35 - 2.08)	44.16	(39.88 - 48.53)
Northwest (Jackson)	6.22	(4.50 - 8.53)	1.54	(1.14 - 2.07)	43.22	(37.65 - 48.97)
Northwest (excluding Jackson)	4.91	(3.50 - 6.83)	1.81	(1.36 - 2.39)	44.99	(39.41 - 50.70)
Southeast	4.90	(3.54 - 6.75)	1.39	(1.04 - 1.86)	45.80	(40.20 - 51.50)
Southwest	4.68	(3.51 - 6.22)	1.53	(1.18 - 1.98)	43.66	(38.68 - 48.77)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Montana</b>	8.69	(7.55 - 9.99)	2.07	(1.81 - 2.36)	34.84	(32.20 - 37.59)
Region 1	6.34	(4.56 - 8.74)	1.84	(1.38 - 2.45)	41.55	(35.61 - 47.75)
Region 2	5.88	(4.36 - 7.88)	1.45	(1.08 - 1.96)	40.97	(35.59 - 46.57)
Region 3	6.72	(5.09 - 8.82)	1.95	(1.51 - 2.52)	35.31	(30.76 - 40.14)
Region 4	8.71	(6.98 - 10.82)	2.19	(1.76 - 2.73)	31.46	(27.44 - 35.76)
Region 5	12.05	(9.70 - 14.86)	2.51	(1.98 - 3.18)	32.50	(28.49 - 36.79)
<b>Nebraska</b>	4.92	(4.13 - 5.85)	1.52	(1.32 - 1.76)	40.11	(37.43 - 42.85)
Regions 1 and 2	3.85	(2.65 - 5.55)	1.33	(0.98 - 1.79)	42.95	(37.16 - 48.93)
Region 3	4.41	(3.15 - 6.13)	1.55	(1.15 - 2.09)	45.79	(40.37 - 51.31)
Region 4	3.36	(2.37 - 4.74)	1.34	(1.02 - 1.77)	46.74	(41.50 - 52.04)
Region 5	4.82	(3.69 - 6.28)	1.77	(1.41 - 2.23)	37.80	(33.60 - 42.20)
Region 6	5.97	(4.73 - 7.51)	1.48	(1.18 - 1.86)	36.72	(32.83 - 40.78)
<b>Nevada</b>	6.54	(5.45 - 7.84)	1.59	(1.36 - 1.86)	35.46	(32.75 - 38.26)
Clark	6.45	(5.20 - 7.98)	1.43	(1.16 - 1.75)	35.42	(32.21 - 38.76)
Rural	5.96	(4.37 - 8.08)	1.98	(1.52 - 2.58)	36.97	(32.20 - 42.00)
Washoe	7.43	(5.48 - 10.00)	2.03	(1.55 - 2.67)	34.33	(29.60 - 39.38)
<b>New Hampshire</b>	7.64	(6.64 - 8.78)	2.09	(1.82 - 2.40)	26.73	(24.34 - 29.26)
Central	7.83	(6.33 - 9.64)	2.19	(1.78 - 2.69)	27.62	(24.05 - 31.50)
Central 1	8.11	(6.26 - 10.46)	2.37	(1.79 - 3.13)	25.77	(21.33 - 30.77)
Central 2	7.55	(5.66 - 10.01)	2.01	(1.54 - 2.61)	29.42	(24.71 - 34.63)
Northern	7.99	(6.10 - 10.40)	2.29	(1.69 - 3.09)	25.47	(21.05 - 30.46)
Southern	7.48	(6.34 - 8.81)	2.00	(1.69 - 2.37)	26.58	(23.93 - 29.41)
Southern 1 (Rockingham)	6.89	(5.40 - 8.74)	1.93	(1.50 - 2.48)	25.70	(21.86 - 29.95)
Southern 2	7.84	(6.38 - 9.60)	2.04	(1.65 - 2.54)	27.12	(23.81 - 30.69)
<b>New Jersey</b>	4.88	(4.10 - 5.80)	1.48	(1.28 - 1.70)	38.86	(36.14 - 41.65)
Central	4.53	(3.36 - 6.10)	1.44	(1.12 - 1.86)	34.85	(30.20 - 39.81)
Metropolitan	4.74	(3.59 - 6.24)	1.52	(1.19 - 1.94)	41.19	(36.45 - 46.10)
Northern	4.24	(3.25 - 5.52)	1.28	(1.01 - 1.62)	39.82	(35.70 - 44.09)
Southern	6.42	(4.85 - 8.46)	1.80	(1.41 - 2.29)	39.06	(34.37 - 43.96)
<b>New Mexico</b>	7.02	(6.01 - 8.19)	1.94	(1.67 - 2.26)	39.54	(36.79 - 42.35)
Region 1	6.46	(4.87 - 8.53)	2.17	(1.66 - 2.83)	38.54	(33.72 - 43.60)
Region 2	8.52	(6.31 - 11.41)	2.21	(1.65 - 2.97)	38.50	(33.37 - 43.91)
Region 3 (Bernalillo)	7.59	(6.10 - 9.42)	1.72	(1.35 - 2.19)	34.87	(30.97 - 38.98)
Region 4	5.72	(4.24 - 7.67)	1.60	(1.16 - 2.21)	46.85	(41.34 - 52.43)
Region 5	6.36	(4.97 - 8.10)	2.06	(1.57 - 2.70)	43.82	(39.07 - 48.68)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>New York</b>	7.39	(6.79 - 8.04)	1.62	(1.49 - 1.76)	37.83	(36.37 - 39.31)
Region A	7.24	(6.41 - 8.17)	1.20	(1.04 - 1.38)	39.90	(37.83 - 42.02)
Region 1	6.97	(5.33 - 9.05)	1.22	(0.94 - 1.58)	45.14	(40.72 - 49.63)
Region 2	7.40	(6.16 - 8.88)	1.23	(1.01 - 1.51)	40.10	(36.78 - 43.51)
Region 3	10.14	(8.15 - 12.57)	1.69	(1.27 - 2.25)	32.05	(28.11 - 36.27)
Region 4	5.16	(4.06 - 6.52)	0.90	(0.68 - 1.18)	42.21	(38.20 - 46.32)
Region B	6.55	(5.67 - 7.55)	1.66	(1.45 - 1.91)	35.66	(33.24 - 38.14)
Region 5	6.26	(5.14 - 7.61)	1.68	(1.38 - 2.04)	35.76	(32.55 - 39.12)
Region 6	6.26	(4.84 - 8.07)	1.50	(1.20 - 1.88)	35.08	(30.94 - 39.47)
Region 7	7.98	(6.23 - 10.18)	1.88	(1.46 - 2.42)	36.21	(31.59 - 41.10)
Region C	8.39	(7.54 - 9.34)	2.27	(2.01 - 2.57)	35.95	(33.84 - 38.11)
Region 8	9.85	(8.05 - 12.00)	2.56	(1.98 - 3.32)	32.69	(28.47 - 37.22)
Region 9	9.02	(7.36 - 11.02)	2.06	(1.65 - 2.58)	37.87	(33.75 - 42.18)
Region 10	8.56	(6.84 - 10.66)	2.43	(1.90 - 3.10)	37.09	(32.58 - 41.84)
Region 11	7.25	(5.80 - 9.02)	2.12	(1.70 - 2.65)	37.37	(33.46 - 41.44)
Region 12	7.64	(6.20 - 9.38)	2.30	(1.87 - 2.82)	35.40	(31.67 - 39.31)
Region D	7.88	(6.62 - 9.35)	2.16	(1.81 - 2.57)	39.30	(36.17 - 42.51)
Region 13	7.33	(5.55 - 9.64)	1.92	(1.45 - 2.53)	39.42	(34.40 - 44.66)
Region 14	7.76	(5.76 - 10.38)	2.07	(1.57 - 2.73)	38.84	(33.85 - 44.07)
Region 15	8.47	(6.55 - 10.89)	2.46	(1.85 - 3.24)	39.63	(34.54 - 44.96)
<b>North Carolina</b>	5.24	(4.44 - 6.18)	1.47	(1.27 - 1.69)	40.83	(37.97 - 43.75)
Eastern	5.39	(4.09 - 7.08)	1.48	(1.15 - 1.91)	43.48	(38.36 - 48.73)
North Central	4.81	(3.59 - 6.40)	1.45	(1.13 - 1.85)	39.72	(34.79 - 44.86)
South Central	4.94	(3.73 - 6.51)	1.46	(1.13 - 1.89)	41.61	(37.01 - 46.37)
Western	5.68	(4.51 - 7.13)	1.47	(1.19 - 1.83)	39.59	(35.49 - 43.85)
<b>North Dakota</b>	4.70	(3.90 - 5.66)	1.54	(1.33 - 1.77)	39.38	(36.75 - 42.07)
Badlands and West Central	4.80	(3.57 - 6.42)	1.35	(1.06 - 1.73)	39.66	(35.01 - 44.50)
Lake Region and South Central	3.58	(2.51 - 5.08)	1.18	(0.91 - 1.53)	46.07	(40.78 - 51.45)
North Central and Northwest	3.39	(2.41 - 4.76)	1.32	(1.02 - 1.71)	42.82	(37.77 - 48.01)
Northeast	4.58	(3.36 - 6.21)	1.78	(1.34 - 2.35)	37.24	(32.68 - 42.03)
Southeast	6.20	(4.83 - 7.93)	2.01	(1.58 - 2.55)	34.00	(29.86 - 38.40)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	6.13	(5.62 - 6.69)	1.70	(1.57 - 1.83)	38.16	(36.82 - 39.53)
Boards 2, 46, 55, and 68	5.21	(3.94 - 6.86)	1.39	(1.06 - 1.81)	41.49	(37.01 - 46.13)
Boards 3, 52, and 85	5.04	(3.86 - 6.54)	1.70	(1.31 - 2.21)	39.65	(34.91 - 44.58)
Boards 4 and 78	5.77	(4.30 - 7.70)	1.45	(1.13 - 1.87)	40.06	(35.01 - 45.32)
Boards 5 and 60	5.70	(4.36 - 7.40)	1.62	(1.25 - 2.09)	42.39	(37.75 - 47.16)
Boards 7, 15, 41, 79, and 84	4.79	(3.63 - 6.30)	1.41	(1.09 - 1.82)	46.36	(41.57 - 51.23)
Boards 8, 13, and 83	5.56	(4.18 - 7.36)	1.80	(1.40 - 2.30)	35.88	(31.40 - 40.62)
Board 9 (Butler)	6.05	(4.58 - 7.96)	2.24	(1.71 - 2.95)	38.51	(33.82 - 43.41)
Board 12	6.04	(4.56 - 7.95)	1.60	(1.21 - 2.13)	42.39	(37.24 - 47.71)
Boards 18 and 47	6.77	(5.66 - 8.08)	1.56	(1.31 - 1.86)	36.55	(33.44 - 39.76)
Boards 20, 32, 54, and 69	4.15	(3.03 - 5.68)	1.57	(1.21 - 2.04)	41.86	(36.85 - 47.05)
Boards 21, 39, 51, 70, and 80	5.32	(4.03 - 6.98)	1.56	(1.22 - 1.99)	36.35	(31.85 - 41.11)
Boards 22, 74, and 87	5.12	(3.80 - 6.87)	1.67	(1.26 - 2.21)	36.79	(31.74 - 42.15)
Boards 23 and 45	4.96	(3.67 - 6.67)	1.72	(1.33 - 2.23)	40.83	(35.81 - 46.05)
Board 25 (Franklin)	7.02	(5.75 - 8.55)	1.97	(1.63 - 2.38)	33.39	(30.06 - 36.90)
Boards 27, 71, and 73	5.18	(3.96 - 6.73)	1.33	(1.02 - 1.72)	43.76	(39.19 - 48.45)
Boards 28, 43, and 67	6.14	(4.78 - 7.86)	1.91	(1.49 - 2.45)	38.52	(34.35 - 42.86)
Board 31 (Hamilton)	7.91	(6.32 - 9.87)	2.21	(1.78 - 2.74)	33.96	(30.20 - 37.93)
Board 48 (Lucas)	6.81	(5.31 - 8.69)	1.92	(1.51 - 2.45)	36.41	(32.05 - 40.99)
Boards 50 and 76	5.29	(4.06 - 6.86)	1.43	(1.12 - 1.81)	40.03	(35.71 - 44.52)
Board 57 (Montgomery)	7.81	(6.07 - 10.01)	1.86	(1.46 - 2.37)	37.04	(32.58 - 41.72)
Board 77 (Summit)	6.59	(5.09 - 8.50)	1.67	(1.32 - 2.12)	36.75	(32.32 - 41.41)
<b>Oklahoma</b>	5.17	(4.29 - 6.22)	1.50	(1.30 - 1.72)	42.01	(39.23 - 44.83)
Central	5.11	(3.71 - 7.01)	1.52	(1.11 - 2.07)	41.22	(35.87 - 46.79)
East Central	3.89	(2.74 - 5.50)	1.52	(1.11 - 2.08)	43.31	(37.90 - 48.88)
Northeast	4.50	(3.25 - 6.20)	1.40	(1.04 - 1.90)	39.81	(34.82 - 45.01)
Northwest and Southwest	4.56	(3.30 - 6.25)	1.54	(1.16 - 2.04)	44.23	(38.80 - 49.80)
Oklahoma County	6.61	(4.90 - 8.86)	1.63	(1.24 - 2.14)	44.09	(39.10 - 49.21)
Southeast	4.08	(2.91 - 5.70)	1.30	(0.97 - 1.73)	44.60	(39.19 - 50.13)
Tulsa County	6.51	(4.79 - 8.78)	1.53	(1.16 - 2.01)	36.61	(31.68 - 41.84)
<b>Oregon</b>	7.83	(6.74 - 9.07)	2.08	(1.81 - 2.39)	29.72	(27.34 - 32.21)
Region 1 (Multnomah)	10.89	(8.52 - 13.81)	2.22	(1.68 - 2.94)	25.60	(21.62 - 30.03)
Region 2	7.40	(5.78 - 9.44)	1.86	(1.46 - 2.38)	26.94	(23.30 - 30.91)
Region 3	7.32	(5.87 - 9.11)	2.22	(1.79 - 2.75)	31.62	(27.95 - 35.54)
Region 4	6.34	(4.68 - 8.53)	1.74	(1.30 - 2.32)	32.35	(27.47 - 37.65)
Region 5	6.74	(4.90 - 9.21)	2.34	(1.71 - 3.20)	33.76	(28.46 - 39.50)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Pennsylvania</b>	5.99	(5.47 - 6.54)	1.63	(1.51 - 1.77)	39.79	(38.42 - 41.17)
Region 1 (Allegheny)	7.55	(6.18 - 9.20)	1.76	(1.45 - 2.14)	39.05	(35.34 - 42.90)
Regions 2, 3, 8, and 9	4.76	(3.65 - 6.20)	1.65	(1.33 - 2.06)	41.06	(36.67 - 45.58)
Regions 4, 11, 37, and 49	5.54	(4.36 - 7.01)	1.55	(1.25 - 1.92)	39.18	(35.05 - 43.47)
Regions 5, 18, 23, 24, and 46	4.20	(3.21 - 5.47)	1.15	(0.90 - 1.48)	45.50	(41.38 - 49.67)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	5.57	(4.49 - 6.89)	2.10	(1.67 - 2.63)	40.58	(36.53 - 44.77)
Regions 7, 13, 20, and 33	6.19	(5.26 - 7.28)	1.82	(1.55 - 2.13)	34.22	(31.36 - 37.21)
Regions 10, 14, 15, 27, 32, 43, and 44	5.78	(4.48 - 7.43)	1.31	(1.03 - 1.68)	43.62	(39.25 - 48.10)
Regions 17 and 21	6.29	(4.81 - 8.19)	1.95	(1.49 - 2.54)	37.64	(32.60 - 42.97)
Regions 19, 26, 28, and 42	4.92	(4.01 - 6.02)	1.56	(1.30 - 1.88)	41.84	(38.36 - 45.41)
Regions 22, 38, 40, 41, and 48	5.05	(3.85 - 6.60)	1.24	(0.99 - 1.56)	40.05	(35.87 - 44.37)
Regions 25 and 30	6.22	(4.83 - 7.96)	1.41	(1.11 - 1.79)	44.21	(39.71 - 48.80)
Regions 29 and 34	5.51	(4.21 - 7.18)	1.34	(1.04 - 1.72)	40.64	(35.96 - 45.51)
Region 36 (Philadelphia)	7.86	(6.48 - 9.49)	1.90	(1.57 - 2.30)	40.94	(37.29 - 44.69)
<b>Rhode Island</b>	9.47	(8.31 - 10.77)	2.10	(1.83 - 2.42)	32.34	(29.74 - 35.05)
Bristol and Newport	9.74	(7.35 - 12.80)	2.86	(2.12 - 3.86)	31.14	(26.09 - 36.69)
Kent	8.33	(6.44 - 10.71)	1.98	(1.52 - 2.57)	32.20	(27.26 - 37.58)
Providence	9.32	(7.94 - 10.92)	1.91	(1.58 - 2.29)	33.39	(30.12 - 36.83)
Washington	11.37	(9.01 - 14.25)	2.63	(2.00 - 3.45)	28.67	(24.22 - 33.58)
<b>South Carolina</b>	5.31	(4.49 - 6.27)	1.64	(1.44 - 1.88)	42.69	(40.07 - 45.35)
Region 1	5.29	(4.07 - 6.85)	1.50	(1.17 - 1.90)	44.24	(39.71 - 48.87)
Region 2	5.39	(4.19 - 6.91)	1.85	(1.49 - 2.30)	39.94	(35.82 - 44.21)
Region 3	5.20	(3.86 - 6.98)	1.45	(1.11 - 1.88)	44.74	(40.08 - 49.50)
Region 4	5.31	(4.03 - 6.97)	1.70	(1.35 - 2.14)	42.84	(38.43 - 47.36)
<b>South Dakota</b>	5.00	(4.21 - 5.94)	1.59	(1.39 - 1.82)	39.83	(37.34 - 42.38)
Region 1	5.32	(3.98 - 7.07)	1.47	(1.11 - 1.96)	40.08	(35.43 - 44.92)
Region 2	4.94	(3.76 - 6.47)	1.82	(1.43 - 2.31)	37.84	(33.55 - 42.32)
Region 3	5.06	(3.79 - 6.73)	1.37	(1.01 - 1.85)	40.82	(36.19 - 45.63)
Region 4	5.50	(3.91 - 7.70)	1.91	(1.39 - 2.62)	40.78	(35.31 - 46.48)
Region 5	4.42	(3.13 - 6.20)	1.55	(1.13 - 2.12)	42.39	(36.67 - 48.33)
Region 6	4.40	(3.12 - 6.19)	1.54	(1.13 - 2.10)	45.89	(39.91 - 51.98)
Region 7	5.10	(3.75 - 6.91)	1.50	(1.13 - 1.98)	36.25	(31.54 - 41.23)
<b>Tennessee</b>	5.84	(4.94 - 6.88)	1.58	(1.38 - 1.80)	41.17	(38.48 - 43.92)
Region 1	5.67	(4.09 - 7.82)	1.48	(1.09 - 2.01)	42.40	(36.45 - 48.58)
Region 2	5.69	(4.32 - 7.46)	1.48	(1.15 - 1.89)	40.35	(35.38 - 45.53)
Region 3	5.70	(4.28 - 7.55)	1.40	(1.08 - 1.81)	41.85	(36.96 - 46.90)
Region 4 (Davidson)	7.40	(5.34 - 10.16)	1.71	(1.25 - 2.35)	38.99	(33.33 - 44.96)
Region 5	4.94	(3.68 - 6.59)	1.73	(1.37 - 2.19)	38.55	(34.22 - 43.07)
Region 6	5.05	(3.60 - 7.06)	1.34	(1.01 - 1.78)	47.96	(42.19 - 53.79)
Region 7 (Shelby)	7.07	(5.20 - 9.56)	1.83	(1.39 - 2.40)	41.20	(36.08 - 46.52)

See notes at end of table.

(continued)

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State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Texas</b>	4.42	(4.00 - 4.87)	1.48	(1.36 - 1.61)	43.83	(42.47 - 45.19)
Region 1	4.88	(3.72 - 6.39)	1.52	(1.17 - 1.96)	44.92	(40.26 - 49.67)
Region 2	3.75	(2.73 - 5.12)	1.50	(1.13 - 1.99)	44.25	(39.06 - 49.56)
Region 3	4.73	(4.08 - 5.47)	1.45	(1.25 - 1.67)	40.98	(38.71 - 43.30)
Region 3a	4.65	(3.88 - 5.56)	1.34	(1.11 - 1.61)	41.04	(38.34 - 43.79)
Region 3bc	4.87	(3.88 - 6.09)	1.64	(1.34 - 2.01)	40.89	(37.18 - 44.69)
Region 4	3.85	(2.90 - 5.11)	1.17	(0.91 - 1.51)	43.50	(38.82 - 48.30)
Region 5	4.76	(3.59 - 6.29)	1.33	(1.00 - 1.76)	44.29	(39.58 - 49.10)
Region 6	4.21	(3.52 - 5.02)	1.36	(1.17 - 1.59)	42.93	(40.39 - 45.51)
Region 6a	4.06	(3.33 - 4.94)	1.32	(1.11 - 1.56)	42.93	(40.16 - 45.74)
Region 6bc	5.42	(3.99 - 7.33)	1.79	(1.34 - 2.39)	42.90	(37.95 - 48.00)
Region 7	5.84	(4.88 - 6.98)	1.97	(1.66 - 2.33)	36.31	(33.43 - 39.30)
Region 7a	6.44	(5.13 - 8.07)	2.06	(1.65 - 2.58)	33.17	(29.60 - 36.94)
Region 7bcd	4.92	(3.81 - 6.33)	1.84	(1.44 - 2.35)	41.12	(36.83 - 45.55)
Region 8	4.08	(3.22 - 5.16)	1.54	(1.25 - 1.91)	47.12	(43.57 - 50.69)
Region 9	3.54	(2.57 - 4.84)	1.50	(1.13 - 1.99)	49.41	(44.42 - 54.40)
Region 10	3.13	(2.27 - 4.29)	1.50	(1.14 - 1.98)	55.46	(50.61 - 60.21)
Region 11	3.39	(2.66 - 4.29)	1.42	(1.16 - 1.73)	55.14	(51.58 - 58.65)
Region 11abd	3.34	(2.45 - 4.53)	1.51	(1.17 - 1.95)	54.98	(50.41 - 59.48)
Region 11c (Hidalgo)	3.48	(2.57 - 4.71)	1.25	(0.95 - 1.65)	55.45	(50.88 - 59.92)
<b>Utah</b>	4.38	(3.59 - 5.32)	1.49	(1.25 - 1.77)	43.27	(40.61 - 45.97)
Bear River, Northeastern, Summit, Tooele, and Wasatch	3.53	(2.44 - 5.08)	1.56	(1.13 - 2.15)	47.54	(42.40 - 52.74)
Central, Four Corners, San Juan, and Southwest	3.01	(2.05 - 4.41)	1.02	(0.71 - 1.47)	48.25	(42.83 - 53.71)
Davis County	4.30	(3.03 - 6.06)	1.61	(1.17 - 2.21)	45.13	(39.70 - 50.68)
Salt Lake County	5.47	(4.23 - 7.06)	1.53	(1.20 - 1.96)	39.05	(35.41 - 42.82)
Utah County	3.59	(2.58 - 4.96)	1.51	(1.06 - 2.14)	44.97	(40.13 - 49.89)
Weber, Morgan	3.95	(2.72 - 5.70)	1.70	(1.22 - 2.38)	44.67	(39.27 - 50.19)
<b>Vermont</b>	9.65	(8.50 - 10.93)	2.37	(2.07 - 2.70)	28.23	(25.69 - 30.91)
Champlain Valley	11.35	(9.65 - 13.32)	2.59	(2.14 - 3.13)	24.36	(21.23 - 27.79)
Rural Northeast	8.59	(6.83 - 10.76)	2.23	(1.77 - 2.80)	32.39	(28.01 - 37.10)
Rural Southeast	8.63	(6.65 - 11.13)	2.37	(1.85 - 3.04)	29.40	(24.83 - 34.42)
Rural Southwest	8.47	(6.51 - 10.95)	2.05	(1.58 - 2.65)	29.80	(24.88 - 35.22)
<b>Virginia</b>	5.36	(4.55 - 6.31)	1.57	(1.37 - 1.80)	39.74	(37.05 - 42.50)
Region 1	5.47	(4.12 - 7.22)	1.76	(1.35 - 2.30)	38.46	(33.48 - 43.69)
Region 2	5.01	(3.79 - 6.61)	1.24	(0.93 - 1.65)	36.45	(32.25 - 40.87)
Region 3	5.89	(4.48 - 7.72)	1.71	(1.29 - 2.26)	42.98	(37.73 - 48.39)
Region 4	5.25	(3.90 - 7.03)	1.48	(1.14 - 1.92)	40.83	(35.85 - 46.01)
Region 5	5.35	(4.05 - 7.04)	1.79	(1.40 - 2.29)	40.93	(36.32 - 45.72)

See notes at end of table.

(continued)

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State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Washington</b>	7.42	(6.36 - 8.65)	1.83	(1.60 - 2.10)	26.71	(24.39 - 29.18)
Region 1	7.49	(5.59 - 9.97)	2.06	(1.55 - 2.74)	30.21	(25.68 - 35.17)
Region 2	5.78	(4.26 - 7.81)	1.44	(1.06 - 1.96)	35.87	(30.80 - 41.28)
Region 3	7.28	(5.43 - 9.68)	1.84	(1.41 - 2.41)	25.93	(21.76 - 30.59)
Region 4 (King)	8.76	(6.92 - 11.02)	2.06	(1.61 - 2.64)	22.10	(18.68 - 25.96)
Region 5	5.88	(4.34 - 7.93)	1.67	(1.25 - 2.23)	27.82	(23.73 - 32.31)
Region 6	7.46	(5.63 - 9.83)	1.65	(1.26 - 2.15)	27.05	(22.65 - 31.96)
<b>West Virginia</b>	5.98	(5.10 - 7.01)	1.31	(1.14 - 1.49)	45.14	(42.35 - 47.97)
Eastern Highland	5.51	(4.15 - 7.28)	1.21	(0.95 - 1.54)	45.64	(40.75 - 50.62)
Northern	7.34	(5.97 - 8.99)	1.53	(1.23 - 1.89)	43.44	(39.41 - 47.56)
Northern A and B	4.37	(3.04 - 6.25)	1.27	(0.94 - 1.73)	43.81	(37.75 - 50.07)
Northern C and D	8.84	(7.01 - 11.08)	1.66	(1.28 - 2.16)	43.25	(38.51 - 48.12)
South Central	5.66	(4.59 - 6.96)	1.30	(1.08 - 1.55)	43.93	(40.31 - 47.61)
South Central I	5.18	(3.76 - 7.11)	1.32	(1.00 - 1.76)	47.15	(41.63 - 52.73)
South Central II	6.31	(4.68 - 8.46)	1.20	(0.88 - 1.63)	48.09	(42.04 - 54.20)
South Central III	5.52	(4.06 - 7.47)	1.35	(1.03 - 1.76)	39.21	(33.85 - 44.84)
Southern	5.27	(4.04 - 6.85)	1.15	(0.92 - 1.43)	49.35	(44.67 - 54.05)
Southern I and III	5.28	(3.80 - 7.30)	1.06	(0.80 - 1.42)	49.84	(43.91 - 55.78)
Southern II	5.25	(3.76 - 7.30)	1.31	(0.96 - 1.78)	48.39	(42.49 - 54.34)
<b>Wisconsin</b>	5.75	(4.90 - 6.75)	1.89	(1.66 - 2.15)	33.98	(31.59 - 36.44)
Milwaukee	7.08	(5.39 - 9.25)	2.47	(1.86 - 3.28)	34.12	(29.44 - 39.12)
Northeastern	5.17	(3.91 - 6.80)	1.51	(1.17 - 1.96)	32.32	(27.92 - 37.05)
Northern	4.95	(3.60 - 6.77)	1.72	(1.31 - 2.25)	37.95	(32.50 - 43.72)
Southeastern	5.01	(3.77 - 6.64)	2.02	(1.58 - 2.57)	32.94	(28.94 - 37.20)
Southern	6.53	(5.01 - 8.46)	1.98	(1.55 - 2.53)	32.82	(28.74 - 37.18)
Western	5.62	(4.15 - 7.58)	1.72	(1.28 - 2.29)	37.02	(31.93 - 42.41)
<b>Wyoming</b>	6.31	(5.42 - 7.34)	2.13	(1.88 - 2.42)	36.08	(33.57 - 38.67)
Judicial District 1 (Laramie)	5.47	(4.02 - 7.39)	2.05	(1.56 - 2.69)	37.09	(32.30 - 42.14)
Judicial District 2	8.91	(6.83 - 11.55)	3.34	(2.49 - 4.46)	31.25	(26.51 - 36.42)
Judicial District 3	5.98	(4.50 - 7.90)	2.31	(1.76 - 3.02)	37.04	(32.38 - 41.97)
Judicial District 4	5.86	(4.20 - 8.12)	1.78	(1.28 - 2.48)	35.67	(29.97 - 41.81)
Judicial District 5	4.74	(3.39 - 6.57)	1.54	(1.13 - 2.10)	41.30	(35.44 - 47.42)
Judicial District 6	5.90	(4.35 - 7.96)	1.91	(1.40 - 2.62)	39.12	(33.77 - 44.74)
Judicial District 7 (Natrona)	7.13	(5.41 - 9.34)	2.31	(1.77 - 3.02)	32.21	(27.48 - 37.34)
Judicial District 8	4.19	(2.95 - 5.92)	1.69	(1.22 - 2.33)	37.76	(32.07 - 43.82)
Judicial District 9	7.90	(5.71 - 10.82)	2.10	(1.53 - 2.86)	34.40	(29.46 - 39.72)

\*\* A separate Kauai estimate is not being reported because of low precision. See Table D12 of Section D for more details.

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.

<sup>1</sup> Average annual rate =  $100 * \{ [X_1 + (0.5 * X_1 + X_2)] \div 2 \}$ , where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of persons who never used marijuana. Both of the computation components,  $X_1$  and  $X_2$ , 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 age group-specific 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, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 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
<b>Total United States</b>	10.47	(10.24 - 10.69)	2.38	(2.26 - 2.49)	4.89	(4.75 - 5.03)
<b>Northeast</b>	11.62	(11.18 - 12.08)	2.55	(2.35 - 2.77)	4.44	(4.19 - 4.71)
<b>Midwest</b>	10.36	(10.02 - 10.70)	2.29	(2.13 - 2.45)	4.82	(4.61 - 5.04)
<b>South</b>	9.34	(9.03 - 9.66)	2.35	(2.19 - 2.51)	4.93	(4.73 - 5.14)
<b>West</b>	11.40	(10.93 - 11.89)	2.37	(2.16 - 2.58)	5.27	(4.96 - 5.59)
<b>Alabama</b>	8.37	(7.31 - 9.56)	2.15	(1.72 - 2.70)	5.28	(4.53 - 6.13)
Region 1	7.24	(5.79 - 9.02)	1.85	(1.30 - 2.62)	4.74	(3.71 - 6.05)
Region 2	9.09	(7.32 - 11.24)	2.24	(1.60 - 3.14)	6.00	(4.75 - 7.56)
Region 3	9.03	(7.11 - 11.40)	2.31	(1.57 - 3.37)	4.67	(3.54 - 6.14)
Region 4	8.21	(6.50 - 10.31)	2.28	(1.58 - 3.28)	5.39	(4.19 - 6.91)
<b>Alaska</b>	15.40	(13.81 - 17.13)	2.70	(2.13 - 3.42)	5.56	(4.70 - 6.58)
Gulf Coast	12.25	(9.19 - 16.14)	1.98	(1.28 - 3.06)	4.80	(3.46 - 6.63)
Rural	15.87	(12.09 - 20.56)	1.95	(1.21 - 3.14)	4.76	(3.38 - 6.65)
Southeast	14.78	(11.41 - 18.94)	2.29	(1.51 - 3.45)	5.52	(4.07 - 7.44)
Urban	16.00	(14.12 - 18.08)	3.03	(2.33 - 3.94)	5.84	(4.80 - 7.10)
<b>Arizona</b>	9.41	(8.23 - 10.74)	2.90	(2.32 - 3.62)	5.23	(4.40 - 6.20)
Maricopa	9.52	(8.09 - 11.17)	2.90	(2.23 - 3.76)	5.27	(4.27 - 6.49)
Pima	10.27	(8.09 - 12.95)	3.66	(2.51 - 5.29)	5.93	(4.34 - 8.06)
Rural North	10.20	(7.82 - 13.19)	2.56	(1.72 - 3.81)	5.07	(3.71 - 6.89)
Rural South	6.92	(5.06 - 9.39)	2.23	(1.47 - 3.37)	4.21	(2.93 - 6.03)
<b>Arkansas</b>	9.83	(8.71 - 11.08)	2.05	(1.64 - 2.56)	6.01	(5.19 - 6.94)
Areas 1 and 2	10.15	(8.08 - 12.68)	2.26	(1.60 - 3.19)	6.59	(5.14 - 8.40)
Areas 3 and 4	9.92	(7.87 - 12.43)	1.83	(1.28 - 2.61)	5.75	(4.43 - 7.42)
Areas 5 and 6	8.90	(7.04 - 11.20)	1.80	(1.24 - 2.60)	6.28	(4.86 - 8.08)
Areas 7, 12, and 13	9.52	(7.40 - 12.17)	2.55	(1.65 - 3.90)	5.34	(4.00 - 7.09)
Areas 8, 10, and 11	9.50	(7.54 - 11.92)	1.87	(1.28 - 2.71)	5.87	(4.54 - 7.55)
Area 9	10.79	(8.63 - 13.41)	2.09	(1.45 - 3.00)	6.02	(4.64 - 7.79)
<b>California</b>	11.58	(10.83 - 12.37)	2.30	(2.00 - 2.64)	4.95	(4.50 - 5.44)
Region 1	15.66	(12.45 - 19.52)	2.61	(1.83 - 3.72)	6.15	(4.74 - 7.96)
Region 2	14.84	(12.58 - 17.42)	2.90	(2.12 - 3.96)	5.79	(4.63 - 7.22)
Region 3	10.51	(8.32 - 13.21)	1.88	(1.30 - 2.71)	5.39	(4.09 - 7.06)
Region 4	15.39	(12.52 - 18.78)	2.57	(1.77 - 3.72)	4.57	(3.41 - 6.09)
Region 5	14.04	(11.78 - 16.65)	2.38	(1.72 - 3.27)	4.82	(3.77 - 6.15)
Region 6 (Santa Clara)	9.34	(7.43 - 11.67)	1.97	(1.39 - 2.79)	4.34	(3.27 - 5.74)
Region 7	12.45	(9.82 - 15.65)	2.51	(1.77 - 3.56)	5.26	(3.84 - 7.16)
Region 8	8.99	(7.00 - 11.49)	2.46	(1.78 - 3.40)	4.56	(3.46 - 5.99)
Region 9	11.84	(9.39 - 14.82)	2.29	(1.61 - 3.25)	5.35	(4.07 - 7.01)
Region 10	13.07	(10.43 - 16.26)	2.52	(1.81 - 3.50)	6.02	(4.61 - 7.82)
Region 11 (Los Angeles)	10.30	(9.07 - 11.68)	2.07	(1.60 - 2.67)	4.45	(3.71 - 5.31)
Region 12	10.00	(8.12 - 12.27)	2.23	(1.60 - 3.08)	4.84	(3.75 - 6.22)
Region 13 (Riverside)	10.63	(8.65 - 12.99)	2.14	(1.54 - 2.96)	5.16	(3.97 - 6.68)
Region 14 (Orange)	10.28	(8.42 - 12.49)	2.21	(1.59 - 3.05)	4.46	(3.45 - 5.74)
Region 15	11.48	(9.67 - 13.58)	2.45	(1.84 - 3.26)	5.80	(4.70 - 7.14)

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 2004, 2005, and 2006 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
<b>Colorado</b>	12.49	(11.09 - 14.03)	2.80	(2.23 - 3.52)	5.63	(4.75 - 6.66)
Region 1	12.47	(10.11 - 15.30)	2.55	(1.78 - 3.65)	5.47	(4.07 - 7.32)
Regions 2 and 7	13.09	(11.22 - 15.23)	3.08	(2.31 - 4.10)	5.51	(4.42 - 6.85)
Region 3	11.22	(8.82 - 14.18)	2.38	(1.59 - 3.54)	5.52	(4.11 - 7.38)
Region 4	9.99	(7.48 - 13.21)	2.28	(1.49 - 3.46)	6.36	(4.53 - 8.86)
Regions 5 and 6	12.41	(9.68 - 15.78)	2.52	(1.69 - 3.75)	6.13	(4.49 - 8.32)
<b>Connecticut</b>	13.13	(11.69 - 14.71)	2.57	(2.07 - 3.17)	5.09	(4.31 - 6.00)
Eastern	15.23	(12.20 - 18.85)	2.69	(1.88 - 3.84)	5.77	(4.30 - 7.71)
North Central	12.92	(10.55 - 15.72)	2.46	(1.76 - 3.44)	4.73	(3.62 - 6.15)
Northwestern	13.32	(10.77 - 16.36)	2.35	(1.68 - 3.27)	5.94	(4.55 - 7.73)
South Central	14.08	(11.63 - 16.95)	2.69	(1.91 - 3.77)	4.65	(3.54 - 6.08)
Southwest	10.79	(8.53 - 13.57)	2.68	(1.87 - 3.84)	4.98	(3.65 - 6.75)
<b>Delaware</b>	10.45	(9.26 - 11.77)	2.42	(1.90 - 3.08)	5.04	(4.28 - 5.92)
Kent	9.23	(7.21 - 11.74)	2.42	(1.63 - 3.56)	5.16	(3.94 - 6.72)
New Castle (excluding Wilmington City)	10.46	(8.99 - 12.14)	2.42	(1.80 - 3.23)	5.28	(4.30 - 6.48)
Sussex	9.15	(7.16 - 11.61)	2.15	(1.41 - 3.27)	4.41	(3.22 - 6.00)
Wilmington City	15.29	(11.55 - 19.98)	3.03	(1.85 - 4.94)	4.92	(3.50 - 6.88)
<b>District of Columbia</b>	14.54	(13.01 - 16.21)	3.83	(2.95 - 4.96)	3.65	(2.98 - 4.45)
Ward 1	18.06	(14.11 - 22.82)	4.24	(2.69 - 6.63)	4.15	(2.84 - 6.04)
Ward 2	19.93	(16.49 - 23.88)	5.22	(3.69 - 7.33)	4.78	(3.50 - 6.48)
Ward 3	14.25	(11.29 - 17.83)	3.39	(2.12 - 5.39)	4.12	(2.92 - 5.78)
Ward 4	10.02	(7.52 - 13.23)	3.22	(1.93 - 5.32)	3.05	(2.08 - 4.46)
Ward 5	13.76	(11.01 - 17.06)	4.20	(2.68 - 6.55)	3.54	(2.51 - 4.96)
Ward 6	14.25	(10.88 - 18.43)	4.16	(2.55 - 6.72)	3.37	(2.28 - 4.97)
Ward 7	11.04	(8.57 - 14.12)	2.77	(1.60 - 4.75)	2.48	(1.71 - 3.58)
Ward 8	13.98	(11.13 - 17.42)	3.13	(1.90 - 5.11)	3.21	(2.30 - 4.46)

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 2004, 2005, and 2006 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
<b>Florida</b>	9.64	(8.99 - 10.34)	2.63	(2.30 - 3.00)	5.01	(4.55 - 5.52)
Region A	13.10	(11.35 - 15.07)	3.47	(2.74 - 4.38)	7.01	(5.81 - 8.44)
Circuit 1	11.83	(9.48 - 14.66)	3.29	(2.38 - 4.53)	7.92	(6.05 - 10.29)
Circuit 2	17.32	(14.17 - 21.00)	3.77	(2.66 - 5.32)	6.23	(4.78 - 8.06)
Circuit 14	10.22	(7.89 - 13.14)	3.46	(2.39 - 4.99)	5.94	(4.45 - 7.89)
Region B	12.02	(10.59 - 13.63)	3.01	(2.44 - 3.70)	5.78	(4.95 - 6.74)
Circuits 3 and 8	12.35	(10.05 - 15.08)	3.32	(2.41 - 4.56)	5.86	(4.52 - 7.58)
Circuit 4	13.17	(10.92 - 15.80)	3.37	(2.45 - 4.63)	5.69	(4.52 - 7.13)
Circuit 7	10.23	(8.21 - 12.68)	2.28	(1.61 - 3.23)	5.84	(4.49 - 7.55)
Region C	9.20	(8.22 - 10.29)	2.44	(2.03 - 2.93)	5.32	(4.65 - 6.09)
Circuit 5	7.50	(5.94 - 9.43)	1.96	(1.39 - 2.75)	4.51	(3.41 - 5.96)
Circuit 9	10.39	(8.62 - 12.47)	2.61	(1.88 - 3.61)	5.61	(4.43 - 7.08)
Circuit 10	7.14	(5.48 - 9.25)	2.23	(1.57 - 3.16)	5.00	(3.78 - 6.60)
Circuit 18	11.04	(9.08 - 13.37)	2.82	(2.10 - 3.77)	6.02	(4.77 - 7.58)
Circuit 19	8.76	(6.69 - 11.38)	2.47	(1.73 - 3.51)	5.22	(3.91 - 6.94)
Region D	8.48	(7.59 - 9.46)	2.56	(2.09 - 3.13)	3.88	(3.28 - 4.57)
Circuits 11 and 16	7.02	(5.84 - 8.41)	2.60	(1.93 - 3.50)	3.59	(2.78 - 4.63)
Circuit 15 (Palm Beach)	11.20	(9.27 - 13.46)	2.56	(1.85 - 3.53)	4.53	(3.51 - 5.82)
Circuit 17 (Broward)	8.65	(7.27 - 10.27)	2.50	(1.84 - 3.39)	3.82	(2.95 - 4.93)
Region E	9.20	(8.17 - 10.35)	2.44	(2.00 - 2.97)	5.15	(4.44 - 5.98)
Circuit 6	8.73	(7.11 - 10.67)	2.32	(1.66 - 3.23)	4.41	(3.33 - 5.82)
Circuit 12	8.40	(6.46 - 10.86)	2.18	(1.50 - 3.16)	4.97	(3.70 - 6.65)
Circuit 13 (Hillsborough)	11.23	(9.21 - 13.63)	2.96	(2.20 - 3.97)	6.16	(4.86 - 7.76)
Circuit 20	8.25	(6.58 - 10.30)	2.23	(1.63 - 3.04)	5.20	(4.00 - 6.73)
<b>Georgia</b>	10.14	(8.93 - 11.50)	2.11	(1.61 - 2.76)	4.65	(3.94 - 5.48)
Region 1	8.02	(6.15 - 10.40)	1.95	(1.30 - 2.93)	6.47	(4.77 - 8.72)
Region 2	9.96	(7.76 - 12.69)	2.06	(1.38 - 3.06)	5.70	(4.37 - 7.42)
Region 3	11.54	(9.57 - 13.86)	2.31	(1.60 - 3.32)	3.81	(2.90 - 4.98)
Region 4	8.48	(6.54 - 10.92)	1.81	(1.14 - 2.86)	4.31	(3.17 - 5.85)
Region 5	9.65	(7.44 - 12.42)	1.98	(1.30 - 3.01)	4.58	(3.33 - 6.28)
<b>Hawaii</b>	10.55	(9.15 - 12.13)	1.99	(1.50 - 2.64)	3.49	(2.83 - 4.30)
Hawaii Island	13.13	(9.98 - 17.08)	2.08	(1.37 - 3.16)	3.95	(2.83 - 5.50)
Honolulu	9.70	(8.24 - 11.40)	2.03	(1.46 - 2.82)	3.29	(2.56 - 4.23)
Kauai and Maui**	12.27	(9.70 - 15.40)	1.75	(1.19 - 2.56)	4.02	(3.01 - 5.35)
Maui	12.63	(9.62 - 16.41)	1.78	(1.15 - 2.74)	4.13	(2.97 - 5.72)
<b>Idaho</b>	9.27	(8.22 - 10.43)	1.95	(1.56 - 2.44)	5.73	(4.96 - 6.60)
Region 1	9.28	(7.24 - 11.82)	1.84	(1.25 - 2.70)	5.77	(4.42 - 7.50)
Region 2	10.74	(8.28 - 13.82)	2.14	(1.43 - 3.21)	5.78	(4.25 - 7.80)
Region 3	8.22	(6.44 - 10.45)	1.66	(1.13 - 2.42)	5.68	(4.28 - 7.50)
Region 4	11.47	(9.52 - 13.76)	2.28	(1.64 - 3.16)	6.07	(4.80 - 7.67)
Region 5	7.50	(5.61 - 9.95)	1.80	(1.22 - 2.65)	4.68	(3.41 - 6.39)
Region 6	8.22	(6.38 - 10.54)	1.87	(1.26 - 2.76)	6.49	(4.98 - 8.41)
Region 7	7.28	(5.60 - 9.42)	1.83	(1.28 - 2.62)	5.26	(3.98 - 6.92)

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 2004, 2005, and 2006 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
<b>Illinois</b>	9.71	(9.06 - 10.39)	2.49	(2.14 - 2.89)	4.21	(3.79 - 4.66)
Region I (Cook)	10.93	(9.86 - 12.10)	2.97	(2.35 - 3.74)	4.12	(3.48 - 4.87)
Region II	8.78	(7.82 - 9.84)	1.97	(1.57 - 2.47)	4.20	(3.58 - 4.91)
Region III	9.29	(7.92 - 10.87)	2.29	(1.74 - 3.01)	4.19	(3.40 - 5.15)
Region IV	8.33	(6.86 - 10.09)	2.32	(1.72 - 3.13)	4.32	(3.41 - 5.46)
Region V	8.64	(7.32 - 10.18)	2.29	(1.73 - 3.03)	4.56	(3.66 - 5.68)
<b>Indiana</b>	9.60	(8.50 - 10.81)	2.24	(1.79 - 2.79)	5.73	(4.98 - 6.59)
Central	10.71	(8.73 - 13.09)	2.38	(1.67 - 3.39)	6.21	(4.91 - 7.83)
East	8.20	(6.23 - 10.74)	2.01	(1.37 - 2.95)	5.68	(4.26 - 7.52)
North Central	9.16	(7.12 - 11.70)	2.24	(1.53 - 3.28)	5.99	(4.58 - 7.80)
Northeast	7.97	(6.10 - 10.36)	1.90	(1.25 - 2.88)	5.08	(3.77 - 6.82)
Northwest	10.20	(7.96 - 12.99)	2.13	(1.42 - 3.19)	4.92	(3.75 - 6.42)
Southeast	8.64	(6.68 - 11.10)	2.30	(1.57 - 3.34)	6.42	(4.89 - 8.38)
Southwest	8.56	(6.39 - 11.39)	2.14	(1.44 - 3.17)	5.34	(3.95 - 7.19)
West	11.28	(9.08 - 13.94)	2.53	(1.78 - 3.59)	5.42	(4.10 - 7.15)
<b>Iowa</b>	8.25	(7.24 - 9.40)	1.89	(1.49 - 2.40)	3.97	(3.32 - 4.73)
Central	10.65	(8.34 - 13.50)	2.35	(1.57 - 3.49)	4.57	(3.34 - 6.23)
North Central	7.07	(5.37 - 9.26)	1.90	(1.29 - 2.79)	3.75	(2.75 - 5.10)
Northeast	8.59	(6.94 - 10.59)	1.85	(1.29 - 2.63)	4.24	(3.27 - 5.47)
Northwest	5.74	(4.24 - 7.73)	1.53	(1.01 - 2.31)	3.35	(2.41 - 4.65)
Southeast	9.42	(7.53 - 11.72)	1.94	(1.34 - 2.81)	3.77	(2.83 - 5.01)
Southwest	6.35	(4.81 - 8.34)	1.68	(1.12 - 2.50)	3.96	(2.92 - 5.35)
<b>Kansas</b>	10.13	(8.98 - 11.42)	2.51	(1.99 - 3.16)	4.75	(4.04 - 5.58)
Kansas City Metro	12.53	(10.46 - 14.94)	3.05	(2.17 - 4.26)	4.72	(3.66 - 6.06)
Northeast	8.96	(7.06 - 11.30)	2.25	(1.54 - 3.27)	4.14	(3.07 - 5.57)
South Central	7.90	(6.07 - 10.21)	1.94	(1.30 - 2.89)	4.53	(3.34 - 6.12)
Southeast	9.05	(6.60 - 12.28)	2.15	(1.39 - 3.31)	4.68	(3.31 - 6.58)
West	8.36	(6.33 - 10.96)	1.98	(1.33 - 2.95)	4.26	(3.12 - 5.81)
Wichita (Sedgwick)	10.45	(8.18 - 13.24)	2.75	(1.87 - 4.04)	6.07	(4.51 - 8.12)
<b>Kentucky</b>	9.61	(8.49 - 10.85)	2.28	(1.83 - 2.85)	6.04	(5.22 - 6.97)
Adanta, Cumberland River, and Lifeskills	7.05	(5.37 - 9.19)	1.81	(1.24 - 2.64)	5.60	(4.28 - 7.29)
Bluegrass, Comprehend, and North Key	11.09	(9.07 - 13.48)	2.83	(2.03 - 3.93)	6.52	(5.12 - 8.27)
Communicare and River Valley	8.36	(6.37 - 10.89)	1.94	(1.31 - 2.88)	5.82	(4.42 - 7.63)
Four Rivers and Pennyroyal	9.11	(6.93 - 11.89)	1.91	(1.25 - 2.90)	6.02	(4.45 - 8.09)
Kentucky River, Mountain, and Pathways	7.85	(6.06 - 10.10)	1.97	(1.34 - 2.90)	5.35	(4.04 - 7.05)
Seven Counties	11.51	(9.27 - 14.21)	2.46	(1.73 - 3.49)	6.24	(4.86 - 7.97)

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 2004, 2005, and 2006 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
<b>Louisiana</b>	9.51	(8.32 - 10.84)	2.12	(1.67 - 2.70)	5.44	(4.68 - 6.30)
Region 1	11.16	(8.23 - 14.96)	2.41	(1.47 - 3.91)	4.32	(3.08 - 6.04)
Regions 2 and 9	9.88	(8.10 - 11.99)	2.23	(1.59 - 3.12)	6.67	(5.30 - 8.37)
Region 3	10.34	(7.83 - 13.53)	2.11	(1.43 - 3.12)	5.17	(3.86 - 6.90)
Region 4	8.16	(6.14 - 10.78)	2.03	(1.34 - 3.05)	4.84	(3.59 - 6.48)
Regions 5 and 6	9.03	(7.03 - 11.52)	2.05	(1.39 - 3.00)	5.71	(4.32 - 7.50)
Regions 7 and 8	9.18	(7.29 - 11.49)	1.97	(1.32 - 2.94)	5.31	(4.09 - 6.86)
Region 10 (Jefferson)	8.79	(6.47 - 11.84)	2.04	(1.30 - 3.19)	4.71	(3.41 - 6.46)
<b>Maine</b>	12.74	(11.37 - 14.26)	2.36	(1.92 - 2.91)	4.68	(3.99 - 5.50)
Aroostook/Downeast	10.20	(7.84 - 13.18)	2.03	(1.39 - 2.96)	4.49	(3.25 - 6.18)
Central	13.02	(10.36 - 16.26)	2.22	(1.54 - 3.20)	5.15	(3.83 - 6.89)
Cumberland	15.08	(12.35 - 18.29)	2.94	(2.11 - 4.08)	4.11	(3.09 - 5.45)
Midcoast	11.45	(8.92 - 14.58)	2.08	(1.41 - 3.07)	4.65	(3.45 - 6.23)
Penquis	12.61	(10.20 - 15.49)	2.70	(1.91 - 3.79)	4.51	(3.33 - 6.07)
Western	13.87	(11.17 - 17.10)	2.43	(1.70 - 3.45)	4.93	(3.72 - 6.50)
York	11.31	(9.04 - 14.06)	1.82	(1.26 - 2.64)	5.17	(3.94 - 6.75)
<b>Maryland</b>	9.73	(8.62 - 10.98)	2.18	(1.71 - 2.77)	3.71	(3.09 - 4.43)
Anne Arundel	9.45	(7.20 - 12.30)	2.19	(1.42 - 3.36)	3.91	(2.78 - 5.46)
Baltimore City	13.30	(10.43 - 16.83)	3.46	(2.13 - 5.57)	4.02	(2.93 - 5.50)
Baltimore County	9.69	(7.70 - 12.13)	2.13	(1.41 - 3.20)	3.90	(2.88 - 5.27)
Montgomery	9.73	(7.57 - 12.42)	1.85	(1.24 - 2.75)	3.33	(2.40 - 4.59)
North Central	10.14	(7.74 - 13.18)	2.02	(1.35 - 3.01)	3.86	(2.77 - 5.37)
Northeast	9.76	(7.47 - 12.66)	2.44	(1.66 - 3.57)	4.71	(3.41 - 6.49)
Prince George's	8.94	(6.99 - 11.37)	1.77	(1.12 - 2.80)	2.74	(1.96 - 3.83)
South	8.20	(6.22 - 10.73)	2.05	(1.37 - 3.05)	4.02	(2.92 - 5.51)
West	7.98	(6.03 - 10.48)	1.93	(1.26 - 2.95)	3.74	(2.69 - 5.19)
<b>Massachusetts</b>	13.27	(11.92 - 14.75)	3.17	(2.59 - 3.87)	5.29	(4.54 - 6.16)
Boston	15.16	(12.15 - 18.77)	4.09	(2.85 - 5.85)	5.51	(4.13 - 7.31)
Central	14.59	(11.60 - 18.20)	3.08	(2.16 - 4.37)	5.26	(3.95 - 6.98)
Metrowest	12.66	(10.51 - 15.18)	2.99	(2.15 - 4.14)	5.03	(3.88 - 6.48)
Northeast	11.42	(9.19 - 14.10)	2.77	(1.96 - 3.89)	4.67	(3.52 - 6.17)
Southeast	12.50	(10.11 - 15.35)	3.35	(2.39 - 4.69)	5.64	(4.33 - 7.33)
Western	15.29	(12.60 - 18.43)	3.07	(2.18 - 4.29)	6.02	(4.62 - 7.81)

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 2004, 2005, and 2006 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
<b>Michigan</b>	12.07	(11.37 - 12.82)	2.25	(1.96 - 2.58)	5.57	(5.11 - 6.06)
Bay	9.84	(7.73 - 12.47)	1.89	(1.36 - 2.61)	5.52	(4.32 - 7.02)
Detroit City	15.19	(12.78 - 17.96)	2.43	(1.56 - 3.78)	4.31	(3.35 - 5.53)
Genesee	12.96	(10.62 - 15.72)	2.85	(2.03 - 4.01)	6.47	(5.12 - 8.14)
Kalamazoo	10.50	(8.79 - 12.51)	2.14	(1.57 - 2.91)	5.85	(4.66 - 7.33)
Kent	12.18	(10.12 - 14.59)	2.39	(1.74 - 3.28)	5.12	(4.01 - 6.51)
Lakeshore	9.54	(7.95 - 11.40)	2.01	(1.50 - 2.70)	5.60	(4.49 - 6.98)
Macomb	12.35	(10.27 - 14.77)	2.27	(1.66 - 3.12)	5.91	(4.73 - 7.36)
Mid South	13.37	(11.52 - 15.45)	2.27	(1.74 - 2.96)	6.25	(5.10 - 7.64)
Northern	10.37	(8.69 - 12.34)	1.76	(1.27 - 2.44)	4.95	(3.97 - 6.16)
Oakland	13.83	(11.99 - 15.89)	2.28	(1.74 - 3.00)	5.56	(4.55 - 6.77)
Pathways	12.01	(9.48 - 15.10)	2.28	(1.61 - 3.21)	5.44	(4.07 - 7.23)
Saginaw	11.81	(9.13 - 15.13)	2.17	(1.47 - 3.20)	4.80	(3.56 - 6.45)
Southeast	11.04	(9.49 - 12.79)	2.41	(1.85 - 3.14)	5.95	(4.98 - 7.10)
St. Clair	9.60	(7.46 - 12.28)	2.03	(1.42 - 2.90)	5.23	(3.93 - 6.92)
Washtenaw	13.74	(11.62 - 16.18)	2.49	(1.82 - 3.39)	6.07	(4.86 - 7.54)
Western	9.35	(7.05 - 12.29)	1.94	(1.36 - 2.77)	5.46	(4.08 - 7.29)
<b>Minnesota</b>	11.23	(9.86 - 12.76)	2.31	(1.84 - 2.90)	4.20	(3.52 - 5.00)
Regions 1 and 2	10.06	(7.70 - 13.05)	2.38	(1.60 - 3.55)	4.10	(2.97 - 5.63)
Regions 3 and 4	9.93	(7.86 - 12.48)	2.19	(1.55 - 3.09)	4.02	(3.00 - 5.37)
Regions 5 and 6	9.18	(7.28 - 11.52)	2.13	(1.50 - 3.02)	4.39	(3.31 - 5.81)
Region 7A (Hennepin)	15.02	(12.06 - 18.56)	2.67	(1.82 - 3.92)	4.34	(3.17 - 5.93)
Region 7B (Ramsey)	12.56	(9.55 - 16.35)	2.54	(1.65 - 3.91)	3.93	(2.78 - 5.51)
Region 7C	9.93	(7.88 - 12.43)	2.02	(1.40 - 2.90)	4.19	(3.16 - 5.53)
<b>Mississippi</b>	8.26	(7.21 - 9.45)	1.90	(1.45 - 2.49)	4.01	(3.39 - 4.74)
Region 1	7.64	(5.93 - 9.78)	1.76	(1.19 - 2.60)	3.95	(2.94 - 5.28)
Region 2	9.28	(7.06 - 12.11)	2.08	(1.30 - 3.30)	3.90	(2.85 - 5.31)
Region 3	6.68	(5.00 - 8.87)	1.64	(1.02 - 2.63)	3.86	(2.85 - 5.20)
Region 4	8.90	(6.95 - 11.34)	1.94	(1.27 - 2.94)	3.89	(2.93 - 5.14)
Region 5	6.71	(4.85 - 9.22)	1.72	(1.06 - 2.77)	3.57	(2.57 - 4.94)
Region 6	8.36	(6.37 - 10.90)	2.03	(1.34 - 3.07)	4.31	(3.18 - 5.82)
Region 7	9.50	(7.44 - 12.06)	2.12	(1.43 - 3.11)	4.46	(3.36 - 5.91)
<b>Missouri</b>	10.42	(9.24 - 11.72)	2.40	(1.94 - 2.96)	4.95	(4.26 - 5.74)
Central	9.38	(7.42 - 11.80)	2.64	(1.87 - 3.72)	5.09	(3.88 - 6.66)
Eastern	11.76	(9.89 - 13.92)	2.57	(1.89 - 3.48)	4.93	(3.98 - 6.09)
Eastern (St. Louis City and County)	12.25	(9.91 - 15.04)	2.62	(1.79 - 3.82)	4.52	(3.42 - 5.94)
Eastern (excluding St. Louis)	10.79	(8.49 - 13.62)	2.46	(1.74 - 3.49)	5.76	(4.35 - 7.59)
Northwest	10.36	(8.53 - 12.53)	2.34	(1.75 - 3.11)	5.01	(3.97 - 6.30)
Northwest (Jackson)	11.04	(8.63 - 14.01)	2.51	(1.69 - 3.71)	5.38	(3.95 - 7.29)
Northwest (excluding Jackson)	9.76	(7.51 - 12.60)	2.18	(1.54 - 3.09)	4.67	(3.44 - 6.32)
Southeast	8.44	(6.47 - 10.95)	2.08	(1.47 - 2.94)	4.90	(3.69 - 6.47)
Southwest	9.91	(8.03 - 12.17)	2.14	(1.54 - 2.98)	4.82	(3.73 - 6.22)

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 2004, 2005, and 2006 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
<b>Montana</b>	13.52	(12.16 - 15.01)	2.39	(1.94 - 2.93)	5.38	(4.60 - 6.28)
Region 1	9.66	(7.36 - 12.58)	1.87	(1.24 - 2.81)	4.83	(3.51 - 6.60)
Region 2	9.10	(7.07 - 11.64)	1.96	(1.32 - 2.92)	5.07	(3.80 - 6.73)
Region 3	11.19	(9.11 - 13.67)	2.07	(1.46 - 2.93)	5.29	(4.05 - 6.88)
Region 4	14.09	(11.88 - 16.63)	2.35	(1.72 - 3.22)	4.37	(3.38 - 5.62)
Region 5	17.86	(15.09 - 21.03)	2.98	(2.22 - 4.00)	6.59	(5.26 - 8.24)
<b>Nebraska</b>	8.88	(7.75 - 10.14)	2.28	(1.82 - 2.86)	4.12	(3.44 - 4.93)
Regions 1 and 2	7.31	(5.41 - 9.81)	1.79	(1.20 - 2.67)	4.62	(3.36 - 6.31)
Region 3	7.87	(6.01 - 10.24)	1.77	(1.19 - 2.63)	4.05	(2.93 - 5.58)
Region 4	6.72	(5.04 - 8.91)	1.89	(1.28 - 2.78)	4.29	(3.10 - 5.92)
Region 5	9.59	(7.77 - 11.79)	2.24	(1.58 - 3.17)	4.09	(3.10 - 5.37)
Region 6	9.90	(8.17 - 11.96)	2.74	(2.00 - 3.74)	3.96	(3.04 - 5.14)
<b>Nevada</b>	10.79	(9.38 - 12.38)	1.96	(1.51 - 2.55)	5.94	(4.99 - 7.05)
Clark	10.37	(8.71 - 12.30)	1.96	(1.44 - 2.67)	5.93	(4.83 - 7.26)
Rural	11.01	(8.62 - 13.96)	1.75	(1.20 - 2.56)	6.20	(4.75 - 8.07)
Washoe	12.53	(9.97 - 15.62)	2.14	(1.46 - 3.13)	5.74	(4.35 - 7.52)
<b>New Hampshire</b>	12.60	(11.22 - 14.11)	2.50	(2.04 - 3.05)	4.64	(3.95 - 5.44)
Central	13.20	(11.13 - 15.59)	2.84	(2.17 - 3.72)	5.44	(4.34 - 6.79)
Central 1	13.97	(11.24 - 17.23)	3.14	(2.23 - 4.41)	5.25	(3.93 - 6.99)
Central 2	12.46	(9.83 - 15.67)	2.55	(1.80 - 3.61)	5.61	(4.23 - 7.42)
Northern	14.04	(11.16 - 17.51)	2.32	(1.64 - 3.28)	4.84	(3.60 - 6.47)
Southern	11.99	(10.43 - 13.74)	2.37	(1.84 - 3.05)	4.21	(3.44 - 5.15)
Southern 1 (Rockingham)	12.57	(10.29 - 15.27)	1.99	(1.39 - 2.84)	4.02	(3.04 - 5.29)
Southern 2	11.63	(9.70 - 13.88)	2.60	(1.93 - 3.49)	4.33	(3.39 - 5.51)
<b>New Jersey</b>	9.16	(8.01 - 10.44)	2.01	(1.55 - 2.60)	3.84	(3.18 - 4.64)
Central	8.50	(6.72 - 10.68)	2.01	(1.39 - 2.92)	4.07	(3.01 - 5.50)
Metropolitan	9.44	(7.55 - 11.76)	2.11	(1.40 - 3.17)	3.92	(2.88 - 5.30)
Northern	7.89	(6.40 - 9.69)	1.82	(1.26 - 2.64)	3.46	(2.59 - 4.59)
Southern	11.54	(9.22 - 14.36)	2.18	(1.51 - 3.15)	4.11	(3.11 - 5.40)
<b>New Mexico</b>	11.51	(10.22 - 12.93)	2.60	(2.10 - 3.23)	5.61	(4.74 - 6.63)
Region 1	11.21	(9.09 - 13.74)	2.69	(1.89 - 3.83)	5.24	(3.85 - 7.10)
Region 2	13.57	(10.68 - 17.09)	2.28	(1.54 - 3.36)	5.11	(3.75 - 6.94)
Region 3 (Bernalillo)	11.96	(9.98 - 14.29)	2.91	(2.14 - 3.96)	6.21	(4.92 - 7.80)
Region 4	8.96	(6.84 - 11.65)	2.43	(1.69 - 3.49)	5.69	(4.24 - 7.61)
Region 5	11.10	(9.10 - 13.46)	2.42	(1.72 - 3.39)	5.42	(4.15 - 7.06)

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 2004, 2005, and 2006 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
<b>New York</b>	12.11	(11.35 - 12.92)	2.66	(2.30 - 3.08)	4.33	(3.90 - 4.80)
Region A	11.99	(10.87 - 13.20)	2.68	(2.18 - 3.28)	3.62	(3.08 - 4.26)
Region 1	10.61	(8.45 - 13.25)	2.79	(1.87 - 4.14)	3.65	(2.67 - 4.98)
Region 2	12.28	(10.64 - 14.15)	2.57	(1.87 - 3.51)	3.48	(2.72 - 4.45)
Region 3	18.19	(15.24 - 21.58)	4.02	(2.90 - 5.55)	4.66	(3.56 - 6.08)
Region 4	8.03	(6.53 - 9.83)	1.81	(1.23 - 2.65)	3.05	(2.24 - 4.14)
Region B	10.67	(9.52 - 11.95)	2.42	(1.96 - 2.98)	4.67	(3.90 - 5.58)
Region 5	10.43	(8.90 - 12.17)	2.44	(1.86 - 3.21)	5.56	(4.36 - 7.07)
Region 6	9.90	(8.02 - 12.16)	2.30	(1.60 - 3.29)	3.31	(2.43 - 4.51)
Region 7	12.76	(10.38 - 15.59)	2.53	(1.80 - 3.55)	3.83	(2.87 - 5.08)
Region C	13.65	(12.46 - 14.92)	2.89	(2.42 - 3.45)	5.02	(4.39 - 5.73)
Region 8	15.46	(13.00 - 18.30)	2.99	(2.19 - 4.06)	4.64	(3.64 - 5.90)
Region 9	13.79	(11.59 - 16.33)	2.89	(2.13 - 3.91)	5.19	(4.11 - 6.52)
Region 10	14.44	(12.11 - 17.13)	2.69	(1.96 - 3.70)	4.60	(3.51 - 6.02)
Region 11	11.79	(9.86 - 14.04)	2.66	(1.96 - 3.59)	4.49	(3.49 - 5.77)
Region 12	13.38	(11.31 - 15.77)	3.09	(2.28 - 4.18)	5.83	(4.62 - 7.33)
Region D	12.83	(11.17 - 14.68)	2.72	(2.15 - 3.43)	4.93	(4.12 - 5.90)
Region 13	11.71	(9.24 - 14.72)	2.55	(1.78 - 3.63)	4.60	(3.42 - 6.16)
Region 14	12.45	(9.82 - 15.66)	2.49	(1.72 - 3.59)	4.06	(2.99 - 5.51)
Region 15	14.18	(11.62 - 17.19)	3.09	(2.21 - 4.31)	6.06	(4.64 - 7.89)
<b>North Carolina</b>	9.61	(8.45 - 10.90)	2.10	(1.66 - 2.65)	4.62	(3.91 - 5.45)
Eastern	10.01	(7.96 - 12.51)	2.12	(1.46 - 3.07)	4.90	(3.73 - 6.43)
North Central	9.33	(7.33 - 11.79)	2.09	(1.39 - 3.13)	4.53	(3.43 - 5.95)
South Central	9.88	(7.94 - 12.23)	2.00	(1.37 - 2.91)	4.55	(3.49 - 5.93)
Western	9.39	(7.79 - 11.29)	2.17	(1.57 - 2.99)	4.59	(3.58 - 5.87)
<b>North Dakota</b>	8.40	(7.39 - 9.54)	1.58	(1.19 - 2.10)	4.09	(3.43 - 4.87)
Badlands and West Central	7.89	(6.29 - 9.85)	1.36	(0.91 - 2.04)	4.20	(3.17 - 5.54)
Lake Region and South Central	6.26	(4.70 - 8.29)	1.37	(0.89 - 2.10)	3.63	(2.61 - 5.03)
North Central and Northwest	6.52	(5.05 - 8.37)	1.43	(0.94 - 2.17)	4.09	(3.04 - 5.49)
Northeast	8.77	(7.03 - 10.90)	1.91	(1.27 - 2.87)	4.56	(3.39 - 6.10)
Southeast	11.22	(9.30 - 13.49)	1.86	(1.25 - 2.75)	3.99	(3.05 - 5.22)

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 2004, 2005, and 2006 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
<b>Ohio</b>	10.52	(9.87 - 11.20)	2.27	(1.97 - 2.61)	5.08	(4.65 - 5.54)
Boards 2, 46, 55, and 68	8.94	(7.12 - 11.16)	2.06	(1.46 - 2.90)	5.10	(3.96 - 6.54)
Boards 3, 52, and 85	8.75	(6.98 - 10.91)	1.77	(1.24 - 2.53)	4.79	(3.65 - 6.26)
Boards 4 and 78	9.53	(7.39 - 12.20)	2.00	(1.39 - 2.87)	4.71	(3.56 - 6.22)
Boards 5 and 60	9.32	(7.46 - 11.59)	2.24	(1.60 - 3.14)	5.24	(4.05 - 6.76)
Boards 7, 15, 41, 79, and 84	8.34	(6.63 - 10.45)	1.88	(1.31 - 2.71)	4.92	(3.79 - 6.35)
Boards 8, 13, and 83	9.90	(7.90 - 12.33)	1.75	(1.22 - 2.50)	5.18	(4.00 - 6.68)
Board 9 (Butler)	10.40	(8.28 - 12.97)	2.23	(1.55 - 3.18)	5.44	(4.15 - 7.09)
Board 12	9.32	(7.35 - 11.74)	2.08	(1.46 - 2.96)	5.33	(4.06 - 6.96)
Boards 18 and 47	11.72	(10.11 - 13.54)	2.21	(1.60 - 3.04)	4.22	(3.43 - 5.17)
Boards 20, 32, 54, and 69	7.80	(6.00 - 10.08)	1.86	(1.27 - 2.71)	4.74	(3.58 - 6.25)
Boards 21, 39, 51, 70, and 80	9.20	(7.42 - 11.36)	2.12	(1.53 - 2.94)	4.67	(3.62 - 6.00)
Boards 22, 74, and 87	9.37	(7.21 - 12.08)	1.99	(1.37 - 2.88)	5.12	(3.89 - 6.71)
Boards 23 and 45	8.84	(7.03 - 11.05)	1.96	(1.38 - 2.76)	4.84	(3.71 - 6.28)
Board 25 (Franklin)	12.50	(10.66 - 14.61)	2.53	(1.84 - 3.47)	5.83	(4.74 - 7.15)
Boards 27, 71, and 73	8.60	(6.85 - 10.73)	1.83	(1.29 - 2.57)	5.88	(4.57 - 7.55)
Boards 28, 43, and 67	9.74	(7.90 - 11.95)	2.62	(1.87 - 3.65)	5.64	(4.48 - 7.09)
Board 31 (Hamilton)	13.77	(11.51 - 16.38)	3.03	(2.13 - 4.30)	5.40	(4.35 - 6.69)
Board 48 (Lucas)	11.60	(9.45 - 14.17)	2.40	(1.63 - 3.51)	4.76	(3.69 - 6.11)
Boards 50 and 76	8.60	(6.90 - 10.68)	2.38	(1.68 - 3.35)	5.45	(4.28 - 6.91)
Board 57 (Montgomery)	12.81	(10.39 - 15.70)	2.62	(1.86 - 3.67)	5.31	(4.12 - 6.81)
Board 77 (Summit)	11.46	(9.28 - 14.06)	2.66	(1.82 - 3.86)	4.82	(3.71 - 6.23)
<b>Oklahoma</b>	8.80	(7.69 - 10.06)	1.86	(1.46 - 2.38)	6.28	(5.38 - 7.30)
Central	8.48	(6.49 - 11.01)	2.02	(1.38 - 2.97)	5.81	(4.35 - 7.71)
East Central	7.28	(5.47 - 9.63)	1.41	(0.91 - 2.19)	5.87	(4.34 - 7.89)
Northeast	7.46	(5.73 - 9.65)	1.71	(1.18 - 2.47)	6.30	(4.73 - 8.34)
Northwest and Southwest	8.08	(6.24 - 10.39)	1.65	(1.11 - 2.43)	5.64	(4.27 - 7.42)
Oklahoma County	10.71	(8.41 - 13.53)	2.15	(1.45 - 3.19)	6.84	(5.15 - 9.04)
Southeast	7.00	(5.25 - 9.29)	1.52	(1.01 - 2.27)	6.16	(4.61 - 8.19)
Tulsa County	11.22	(8.70 - 14.35)	2.36	(1.57 - 3.54)	6.90	(5.25 - 9.01)
<b>Oregon</b>	13.20	(11.85 - 14.69)	1.85	(1.43 - 2.40)	5.43	(4.62 - 6.36)
Region 1 (Multnomah)	17.63	(14.52 - 21.24)	2.89	(1.95 - 4.27)	6.31	(4.80 - 8.25)
Region 2	12.52	(10.35 - 15.07)	1.65	(1.14 - 2.39)	5.67	(4.39 - 7.31)
Region 3	12.55	(10.64 - 14.75)	1.53	(1.06 - 2.21)	4.72	(3.68 - 6.02)
Region 4	11.25	(8.86 - 14.18)	1.53	(1.00 - 2.33)	5.62	(4.20 - 7.50)
Region 5	11.30	(8.75 - 14.46)	1.80	(1.17 - 2.74)	5.12	(3.70 - 7.04)

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 2004, 2005, and 2006 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
<b>Pennsylvania</b>	10.58	(9.90 - 11.30)	2.35	(2.04 - 2.69)	4.21	(3.80 - 4.65)
Region 1 (Allegheny)	12.04	(10.15 - 14.22)	2.61	(1.92 - 3.54)	4.54	(3.58 - 5.74)
Regions 2, 3, 8, and 9	9.00	(7.33 - 11.00)	2.19	(1.58 - 3.03)	4.09	(3.15 - 5.30)
Regions 4, 11, 37, and 49	9.17	(7.53 - 11.13)	1.90	(1.36 - 2.65)	4.37	(3.43 - 5.54)
Regions 5, 18, 23, 24, and 46	7.99	(6.55 - 9.71)	1.67	(1.17 - 2.38)	3.44	(2.67 - 4.42)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	10.28	(8.75 - 12.05)	2.20	(1.62 - 2.97)	3.93	(3.08 - 5.00)
Regions 7, 13, 20, and 33	11.94	(10.52 - 13.52)	2.33	(1.82 - 2.97)	4.20	(3.46 - 5.10)
Regions 10, 14, 15, 27, 32, 43, and 44	9.20	(7.37 - 11.44)	2.41	(1.72 - 3.37)	5.26	(4.06 - 6.80)
Regions 17 and 21	12.49	(10.12 - 15.33)	2.65	(1.90 - 3.70)	4.72	(3.60 - 6.18)
Regions 19, 26, 28, and 42	8.66	(7.33 - 10.21)	1.99	(1.49 - 2.65)	3.39	(2.67 - 4.29)
Regions 22, 38, 40, 41, and 48	8.76	(7.11 - 10.76)	2.25	(1.65 - 3.07)	4.44	(3.47 - 5.66)
Regions 25 and 30	10.70	(8.79 - 12.97)	2.68	(1.92 - 3.73)	4.63	(3.56 - 6.01)
Regions 29 and 34	8.54	(6.74 - 10.76)	1.84	(1.28 - 2.66)	3.64	(2.71 - 4.89)
Region 36 (Philadelphia)	13.77	(11.70 - 16.13)	3.25	(2.34 - 4.51)	4.53	(3.61 - 5.67)
<b>Rhode Island</b>	15.28	(13.74 - 16.95)	3.53	(2.81 - 4.44)	5.80	(4.97 - 6.75)
Bristol and Newport	15.78	(12.65 - 19.50)	3.57	(2.39 - 5.28)	5.90	(4.37 - 7.93)
Kent	13.73	(11.06 - 16.91)	2.98	(2.08 - 4.26)	5.76	(4.38 - 7.54)
Providence	15.42	(13.48 - 17.58)	3.68	(2.77 - 4.88)	5.79	(4.76 - 7.03)
Washington	16.07	(13.25 - 19.36)	3.49	(2.50 - 4.85)	5.78	(4.43 - 7.51)
<b>South Carolina</b>	9.22	(8.12 - 10.45)	2.29	(1.81 - 2.88)	4.87	(4.14 - 5.71)
Region 1	9.21	(7.42 - 11.37)	2.12	(1.50 - 2.98)	5.30	(4.10 - 6.81)
Region 2	9.84	(8.07 - 11.96)	2.25	(1.61 - 3.14)	5.19	(4.12 - 6.52)
Region 3	8.99	(7.06 - 11.37)	2.02	(1.33 - 3.05)	4.27	(3.16 - 5.75)
Region 4	8.69	(6.98 - 10.76)	2.68	(1.85 - 3.86)	4.46	(3.43 - 5.77)
<b>South Dakota</b>	8.50	(7.47 - 9.65)	1.75	(1.37 - 2.23)	3.45	(2.80 - 4.26)
Region 1	8.92	(6.95 - 11.38)	1.70	(1.14 - 2.52)	3.77	(2.68 - 5.29)
Region 2	8.84	(7.19 - 10.83)	2.03	(1.43 - 2.88)	3.10	(2.26 - 4.24)
Region 3	7.64	(5.99 - 9.68)	1.66	(1.14 - 2.42)	3.21	(2.33 - 4.41)
Region 4	10.49	(8.04 - 13.58)	1.82	(1.17 - 2.81)	4.01	(2.84 - 5.62)
Region 5	7.54	(5.68 - 9.94)	1.45	(0.94 - 2.24)	3.63	(2.55 - 5.16)
Region 6	7.73	(5.81 - 10.21)	1.32	(0.84 - 2.06)	3.26	(2.25 - 4.70)
Region 7	8.29	(6.47 - 10.55)	1.83	(1.24 - 2.71)	3.57	(2.57 - 4.94)
<b>Tennessee</b>	10.09	(8.87 - 11.45)	2.48	(1.97 - 3.12)	5.89	(5.05 - 6.87)
Region 1	9.83	(7.38 - 12.98)	2.46	(1.62 - 3.71)	6.62	(4.90 - 8.89)
Region 2	9.04	(7.26 - 11.20)	2.42	(1.70 - 3.43)	6.41	(4.92 - 8.31)
Region 3	9.83	(7.79 - 12.32)	2.20	(1.51 - 3.18)	6.06	(4.67 - 7.83)
Region 4 (Davidson)	12.69	(9.54 - 16.70)	3.30	(2.17 - 4.98)	6.60	(4.83 - 8.96)
Region 5	9.58	(7.67 - 11.92)	2.65	(1.85 - 3.77)	6.25	(4.91 - 7.92)
Region 6	8.76	(6.59 - 11.57)	2.14	(1.42 - 3.23)	5.14	(3.75 - 7.01)
Region 7 (Shelby)	11.77	(9.16 - 14.99)	2.32	(1.44 - 3.71)	4.20	(3.01 - 5.84)

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 2004, 2005, and 2006 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
<b>Texas</b>	8.49	(7.91 - 9.11)	2.46	(2.16 - 2.80)	4.66	(4.25 - 5.10)
Region 1	9.92	(8.02 - 12.22)	2.84	(2.06 - 3.90)	5.71	(4.47 - 7.28)
Region 2	8.21	(6.37 - 10.53)	2.38	(1.64 - 3.45)	4.92	(3.73 - 6.47)
Region 3	8.59	(7.67 - 9.60)	2.06	(1.63 - 2.59)	4.98	(4.31 - 5.75)
Region 3a	8.21	(7.09 - 9.48)	2.20	(1.68 - 2.86)	4.96	(4.15 - 5.92)
Region 3bc	9.26	(7.77 - 11.01)	1.80	(1.29 - 2.52)	5.01	(4.01 - 6.24)
Region 4	6.95	(5.50 - 8.75)	2.24	(1.61 - 3.11)	4.82	(3.77 - 6.16)
Region 5	8.67	(6.74 - 11.08)	2.55	(1.77 - 3.67)	5.02	(3.81 - 6.57)
Region 6	7.93	(6.84 - 9.19)	2.21	(1.76 - 2.77)	3.78	(3.16 - 4.53)
Region 6a	7.69	(6.52 - 9.06)	2.16	(1.67 - 2.78)	3.67	(3.00 - 4.48)
Region 6bc	9.93	(7.69 - 12.73)	2.65	(1.85 - 3.78)	4.73	(3.58 - 6.22)
Region 7	11.96	(10.49 - 13.61)	3.26	(2.59 - 4.08)	5.82	(4.91 - 6.89)
Region 7a	13.65	(11.49 - 16.15)	3.64	(2.70 - 4.87)	6.01	(4.82 - 7.46)
Region 7bcd	9.38	(7.64 - 11.48)	2.68	(1.97 - 3.63)	5.54	(4.38 - 6.99)
Region 8	7.73	(6.44 - 9.25)	2.80	(2.13 - 3.68)	4.42	(3.52 - 5.54)
Region 9	6.88	(5.23 - 9.00)	2.43	(1.69 - 3.50)	4.79	(3.58 - 6.38)
Region 10	6.82	(5.23 - 8.86)	2.66	(1.83 - 3.85)	4.18	(3.08 - 5.66)
Region 11	7.26	(5.96 - 8.81)	2.81	(2.14 - 3.69)	4.12	(3.30 - 5.13)
Region 11abd	7.75	(6.08 - 9.83)	2.83	(2.01 - 3.97)	4.31	(3.23 - 5.72)
Region 11c (Hidalgo)	6.29	(4.84 - 8.14)	2.77	(1.94 - 3.95)	3.74	(2.76 - 5.05)
<b>Utah</b>	8.01	(6.92 - 9.24)	2.21	(1.73 - 2.82)	6.27	(5.42 - 7.26)
Bear River, Northeastern, Summit, Tooele, and Wasatch	7.28	(5.43 - 9.70)	2.18	(1.44 - 3.30)	6.26	(4.64 - 8.39)
Central, Four Corners, San Juan, and Southwest	5.43	(3.97 - 7.39)	1.72	(1.14 - 2.58)	5.04	(3.75 - 6.74)
Davis County	7.90	(6.03 - 10.29)	2.27	(1.50 - 3.41)	6.27	(4.68 - 8.35)
Salt Lake County	9.71	(7.92 - 11.84)	2.31	(1.63 - 3.25)	6.56	(5.25 - 8.16)
Utah County	6.31	(4.78 - 8.29)	2.27	(1.57 - 3.28)	6.06	(4.66 - 7.86)
Weber, Morgan	8.01	(5.97 - 10.67)	2.30	(1.54 - 3.42)	7.02	(5.22 - 9.38)
<b>Vermont</b>	15.21	(13.73 - 16.83)	2.95	(2.44 - 3.57)	4.93	(4.18 - 5.80)
Champlain Valley	18.04	(15.82 - 20.49)	3.65	(2.87 - 4.63)	5.40	(4.40 - 6.61)
Rural Northeast	13.28	(11.01 - 15.94)	2.67	(1.94 - 3.67)	4.62	(3.49 - 6.10)
Rural Southeast	14.17	(11.37 - 17.53)	2.24	(1.57 - 3.19)	4.51	(3.37 - 6.01)
Rural Southwest	12.70	(10.22 - 15.67)	2.65	(1.86 - 3.76)	4.81	(3.54 - 6.51)
<b>Virginia</b>	9.27	(8.18 - 10.48)	2.50	(1.98 - 3.15)	4.42	(3.75 - 5.21)
Region 1	9.50	(7.53 - 11.92)	2.64	(1.86 - 3.73)	5.02	(3.84 - 6.54)
Region 2	8.13	(6.45 - 10.20)	1.99	(1.34 - 2.95)	3.82	(2.86 - 5.06)
Region 3	10.43	(8.32 - 12.99)	2.67	(1.87 - 3.81)	5.51	(4.24 - 7.13)
Region 4	9.40	(7.38 - 11.89)	2.79	(1.89 - 4.10)	4.09	(3.02 - 5.52)
Region 5	9.39	(7.54 - 11.63)	2.63	(1.82 - 3.77)	4.12	(3.11 - 5.42)

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 2004, 2005, and 2006 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
<b>Washington</b>	11.76	(10.43 - 13.24)	2.50	(2.01 - 3.10)	6.22	(5.31 - 7.28)
Region 1	11.92	(9.35 - 15.08)	2.31	(1.62 - 3.28)	6.27	(4.77 - 8.21)
Region 2	9.52	(7.35 - 12.24)	2.59	(1.80 - 3.72)	6.06	(4.57 - 8.01)
Region 3	10.80	(8.56 - 13.53)	2.44	(1.69 - 3.51)	6.38	(4.79 - 8.45)
Region 4 (King)	14.19	(11.72 - 17.09)	2.94	(2.10 - 4.10)	6.53	(5.07 - 8.38)
Region 5	9.50	(7.42 - 12.10)	2.16	(1.50 - 3.08)	5.99	(4.51 - 7.91)
Region 6	11.57	(9.17 - 14.50)	2.19	(1.53 - 3.13)	5.77	(4.39 - 7.56)
<b>West Virginia</b>	9.57	(8.49 - 10.77)	2.76	(2.28 - 3.35)	5.73	(4.94 - 6.63)
Eastern Highland	9.07	(7.22 - 11.34)	2.69	(1.94 - 3.72)	5.03	(3.86 - 6.54)
Northern	11.54	(9.86 - 13.46)	3.43	(2.65 - 4.43)	6.45	(5.27 - 7.88)
Northern A and B	7.34	(5.46 - 9.80)	2.28	(1.50 - 3.44)	4.86	(3.56 - 6.59)
Northern C and D	13.66	(11.42 - 16.26)	4.01	(2.97 - 5.39)	7.26	(5.73 - 9.15)
South Central	8.86	(7.48 - 10.46)	2.52	(1.94 - 3.26)	5.70	(4.70 - 6.90)
South Central I	7.77	(5.91 - 10.16)	2.30	(1.60 - 3.30)	4.78	(3.51 - 6.49)
South Central II	9.70	(7.56 - 12.37)	2.89	(2.01 - 4.13)	7.06	(5.29 - 9.36)
South Central III	8.95	(7.05 - 11.30)	2.40	(1.68 - 3.43)	5.35	(4.02 - 7.08)
Southern	8.80	(7.19 - 10.73)	2.41	(1.78 - 3.25)	5.58	(4.43 - 7.01)
Southern I and III	8.62	(6.67 - 11.08)	2.40	(1.65 - 3.47)	5.62	(4.20 - 7.48)
Southern II	9.15	(6.89 - 12.04)	2.44	(1.65 - 3.59)	5.51	(4.07 - 7.41)
<b>Wisconsin</b>	10.56	(9.41 - 11.84)	2.12	(1.68 - 2.66)	4.72	(4.01 - 5.54)
Milwaukee	13.96	(11.25 - 17.21)	2.26	(1.49 - 3.41)	4.92	(3.59 - 6.71)
Northeastern	9.27	(7.38 - 11.58)	2.35	(1.64 - 3.37)	4.67	(3.56 - 6.11)
Northern	8.52	(6.51 - 11.06)	1.78	(1.18 - 2.67)	4.57	(3.39 - 6.12)
Southeastern	9.78	(7.85 - 12.13)	2.03	(1.41 - 2.93)	4.62	(3.47 - 6.11)
Southern	11.68	(9.57 - 14.17)	2.03	(1.42 - 2.90)	4.79	(3.67 - 6.24)
Western	9.45	(7.41 - 11.98)	2.05	(1.41 - 2.98)	4.70	(3.48 - 6.32)
<b>Wyoming</b>	11.04	(9.83 - 12.37)	2.29	(1.86 - 2.83)	5.29	(4.55 - 6.15)
Judicial District 1 (Laramie)	10.46	(8.19 - 13.27)	2.31	(1.61 - 3.31)	5.38	(4.02 - 7.16)
Judicial District 2	16.86	(13.58 - 20.74)	2.97	(2.10 - 4.18)	5.68	(4.31 - 7.46)
Judicial District 3	9.30	(7.30 - 11.78)	1.91	(1.33 - 2.73)	5.25	(4.01 - 6.85)
Judicial District 4	11.06	(8.46 - 14.35)	2.11	(1.42 - 3.11)	5.44	(3.97 - 7.42)
Judicial District 5	8.45	(6.32 - 11.19)	1.78	(1.20 - 2.65)	4.72	(3.49 - 6.37)
Judicial District 6	9.96	(7.67 - 12.83)	2.33	(1.62 - 3.33)	5.13	(3.81 - 6.89)
Judicial District 7 (Natrona)	11.27	(9.08 - 13.91)	2.55	(1.82 - 3.55)	5.73	(4.44 - 7.36)
Judicial District 8	8.17	(6.15 - 10.78)	1.72	(1.16 - 2.55)	4.50	(3.23 - 6.25)
Judicial District 9	13.37	(10.10 - 17.48)	2.70	(1.76 - 4.11)	5.38	(3.87 - 7.42)

\*\* A separate Kauai estimate is not being reported because of low precision. See Table D12 of Section D for more details.

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, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Total United States</b>	51.01	(50.44 - 51.58)	22.84	(22.52 - 23.16)	41.45	(41.06 - 41.84)
<b>Northeast</b>	55.51	(54.56 - 56.46)	23.89	(23.24 - 24.57)	39.59	(38.76 - 40.43)
<b>Midwest</b>	53.98	(53.21 - 54.76)	25.67	(25.13 - 26.21)	37.26	(36.62 - 37.90)
<b>South</b>	46.77	(46.00 - 47.53)	21.41	(20.92 - 21.92)	44.33	(43.68 - 44.98)
<b>West</b>	51.09	(50.16 - 52.03)	21.43	(20.76 - 22.11)	42.54	(41.68 - 43.41)
<b>Alabama</b>	41.52	(38.76 - 44.32)	18.79	(16.89 - 20.86)	45.96	(43.31 - 48.63)
Region 1	36.12	(31.64 - 40.85)	16.58	(13.93 - 19.62)	44.09	(39.82 - 48.44)
Region 2	43.32	(38.87 - 47.89)	19.19	(16.49 - 22.22)	47.06	(43.09 - 51.07)
Region 3	43.75	(38.38 - 49.27)	19.76	(16.44 - 23.57)	47.47	(43.17 - 51.81)
Region 4	43.91	(38.96 - 48.99)	20.23	(17.02 - 23.87)	45.51	(41.24 - 49.86)
<b>Alaska</b>	51.45	(48.81 - 54.08)	21.62	(19.62 - 23.76)	38.07	(35.53 - 40.68)
Gulf Coast	47.65	(41.10 - 54.29)	20.36	(16.50 - 24.85)	35.87	(30.97 - 41.08)
Rural	34.22	(28.64 - 40.28)	20.64	(16.55 - 25.42)	39.99	(35.01 - 45.18)
Southeast	50.75	(44.43 - 57.04)	21.30	(17.59 - 25.55)	38.01	(33.29 - 42.98)
Urban	55.13	(52.03 - 58.19)	22.07	(19.75 - 24.57)	38.17	(35.23 - 41.19)
<b>Arizona</b>	53.47	(50.77 - 56.15)	23.43	(21.41 - 25.58)	41.20	(38.62 - 43.84)
Maricopa	56.00	(52.74 - 59.21)	23.36	(20.93 - 25.97)	41.37	(38.30 - 44.52)
Pima	56.40	(50.91 - 61.75)	25.93	(22.12 - 30.14)	40.47	(35.82 - 45.29)
Rural North	50.06	(44.00 - 56.12)	21.99	(18.35 - 26.12)	39.02	(34.21 - 44.05)
Rural South	40.01	(33.36 - 47.06)	21.82	(17.68 - 26.62)	43.48	(38.20 - 48.91)
<b>Arkansas</b>	41.17	(38.49 - 43.90)	19.85	(17.94 - 21.91)	42.94	(40.28 - 45.65)
Areas 1 and 2	46.56	(40.70 - 52.52)	20.45	(17.10 - 24.26)	41.26	(36.79 - 45.89)
Areas 3 and 4	38.42	(33.32 - 43.78)	21.06	(17.56 - 25.04)	41.48	(36.81 - 46.31)
Areas 5 and 6	39.33	(34.23 - 44.68)	20.04	(16.87 - 23.63)	39.34	(34.93 - 43.93)
Areas 7, 12, and 13	36.92	(31.40 - 42.81)	19.49	(16.04 - 23.48)	46.37	(41.72 - 51.09)
Areas 8, 10, and 11	39.98	(34.57 - 45.65)	20.02	(16.73 - 23.77)	45.35	(40.76 - 50.02)
Area 9	44.18	(39.36 - 49.11)	18.06	(15.15 - 21.39)	44.98	(40.74 - 49.29)
<b>California</b>	50.27	(48.87 - 51.67)	20.57	(19.52 - 21.66)	44.84	(43.45 - 46.24)
Region 1	55.41	(49.68 - 60.99)	22.95	(19.37 - 26.97)	36.71	(32.20 - 41.47)
Region 2	57.72	(53.88 - 61.48)	22.86	(20.20 - 25.77)	41.77	(38.39 - 45.23)
Region 3	49.67	(44.39 - 54.95)	20.18	(17.01 - 23.77)	45.52	(41.31 - 49.78)
Region 4	58.07	(53.16 - 62.82)	21.13	(17.96 - 24.69)	41.27	(37.18 - 45.49)
Region 5	57.28	(52.93 - 61.53)	21.07	(18.30 - 24.13)	44.33	(40.78 - 47.94)
Region 6 (Santa Clara)	52.16	(47.40 - 56.89)	17.75	(15.00 - 20.87)	43.08	(39.13 - 47.13)
Region 7	55.61	(49.92 - 61.15)	21.55	(18.13 - 25.43)	44.40	(39.92 - 48.97)
Region 8	45.59	(40.69 - 50.58)	21.34	(18.05 - 25.05)	46.50	(42.62 - 50.43)
Region 9	49.87	(44.37 - 55.37)	23.18	(19.60 - 27.18)	42.97	(38.55 - 47.52)
Region 10	56.48	(51.13 - 61.69)	22.40	(18.94 - 26.28)	45.03	(40.58 - 49.56)
Region 11 (Los Angeles)	44.78	(42.24 - 47.34)	18.37	(16.61 - 20.27)	47.61	(45.25 - 49.99)
Region 12	40.84	(36.38 - 45.46)	20.01	(17.16 - 23.19)	48.75	(45.04 - 52.48)
Region 13 (Riverside)	47.82	(42.81 - 52.87)	21.65	(18.44 - 25.24)	45.13	(41.16 - 49.17)
Region 14 (Orange)	50.98	(46.62 - 55.32)	20.26	(17.54 - 23.27)	43.70	(40.12 - 47.35)
Region 15	51.61	(47.70 - 55.51)	23.44	(20.75 - 26.36)	43.61	(40.29 - 46.98)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Colorado</b>	58.30	(55.61 - 60.94)	24.43	(22.29 - 26.71)	37.35	(34.82 - 39.95)
Region 1	62.25	(56.99 - 67.23)	27.79	(23.87 - 32.08)	37.44	(33.04 - 42.05)
Regions 2 and 7	58.55	(54.98 - 62.02)	23.67	(21.00 - 26.56)	37.23	(34.16 - 40.40)
Region 3	57.77	(51.98 - 63.36)	23.63	(19.84 - 27.90)	37.01	(32.45 - 41.81)
Region 4	48.01	(41.18 - 54.92)	24.26	(19.88 - 29.25)	40.51	(35.29 - 45.96)
Regions 5 and 6	58.65	(51.97 - 65.03)	25.62	(21.41 - 30.34)	36.66	(32.00 - 41.58)
<b>Connecticut</b>	61.41	(58.51 - 64.23)	25.57	(23.27 - 28.03)	39.09	(36.35 - 41.90)
Eastern	60.28	(54.18 - 66.07)	24.86	(20.76 - 29.47)	36.93	(32.40 - 41.70)
North Central	59.05	(54.16 - 63.76)	24.47	(21.02 - 28.29)	41.06	(36.79 - 45.48)
Northwestern	60.45	(54.39 - 66.21)	26.67	(22.59 - 31.20)	36.08	(31.58 - 40.84)
South Central	63.95	(59.06 - 68.57)	26.67	(23.20 - 30.45)	39.03	(34.97 - 43.26)
Southwest	63.28	(57.79 - 68.44)	25.29	(21.34 - 29.71)	40.30	(35.66 - 45.12)
<b>Delaware</b>	50.84	(48.13 - 53.54)	21.16	(19.29 - 23.17)	40.96	(38.41 - 43.55)
Kent	48.52	(43.05 - 54.02)	20.29	(16.99 - 24.04)	41.81	(37.39 - 46.36)
New Castle (excluding Wilmington City)	55.48	(51.91 - 59.01)	22.45	(20.09 - 24.99)	37.99	(34.91 - 41.18)
Sussex	43.11	(37.79 - 48.60)	19.14	(15.96 - 22.78)	44.37	(39.61 - 49.24)
Wilmington City	46.25	(39.65 - 52.99)	20.00	(16.09 - 24.59)	48.34	(42.97 - 53.75)
<b>District of Columbia</b>	59.92	(57.23 - 62.55)	28.00	(25.74 - 30.38)	42.87	(40.25 - 45.53)
Ward 1	60.97	(54.70 - 66.90)	30.95	(26.23 - 36.09)	43.11	(38.22 - 48.15)
Ward 2	75.84	(71.07 - 80.04)	38.85	(34.56 - 43.32)	34.38	(30.32 - 38.69)
Ward 3	78.65	(73.85 - 82.77)	31.13	(26.97 - 35.63)	33.08	(28.71 - 37.76)
Ward 4	53.73	(47.13 - 60.19)	23.50	(19.21 - 28.41)	46.84	(41.62 - 52.14)
Ward 5	48.61	(43.13 - 54.11)	23.56	(19.86 - 27.71)	47.99	(43.54 - 52.47)
Ward 6	61.57	(55.10 - 67.65)	28.67	(23.93 - 33.94)	42.78	(37.89 - 47.80)
Ward 7	44.44	(38.64 - 50.40)	19.70	(16.16 - 23.81)	50.46	(45.60 - 55.32)
Ward 8	44.03	(38.64 - 49.57)	23.66	(19.76 - 28.06)	50.09	(45.58 - 54.60)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Florida</b>	52.15	(50.68 - 53.62)	21.86	(20.78 - 22.98)	44.67	(43.24 - 46.11)
Region A	51.12	(47.45 - 54.78)	24.21	(21.94 - 26.64)	41.97	(39.20 - 44.80)
Circuit 1	50.90	(45.43 - 56.35)	23.02	(19.80 - 26.59)	41.98	(37.87 - 46.22)
Circuit 2	54.53	(48.78 - 60.16)	26.85	(23.20 - 30.86)	41.77	(37.61 - 46.05)
Circuit 14	46.86	(40.02 - 53.83)	23.37	(19.45 - 27.80)	42.23	(37.62 - 46.99)
Region B	49.89	(46.72 - 53.06)	23.06	(21.06 - 25.19)	42.34	(39.78 - 44.94)
Circuits 3 and 8	48.77	(43.19 - 54.38)	24.76	(21.26 - 28.61)	41.28	(37.10 - 45.59)
Circuit 4	49.83	(45.36 - 54.30)	23.41	(20.53 - 26.56)	43.48	(39.83 - 47.21)
Circuit 7	50.80	(45.36 - 56.21)	21.35	(18.03 - 25.09)	41.56	(37.11 - 46.15)
Region C	50.64	(48.11 - 53.16)	21.60	(19.97 - 23.32)	42.71	(40.65 - 44.80)
Circuit 5	50.16	(44.80 - 55.51)	20.24	(17.06 - 23.85)	43.40	(39.01 - 47.89)
Circuit 9	48.53	(44.12 - 52.96)	21.86	(19.09 - 24.92)	44.15	(40.45 - 47.91)
Circuit 10	44.58	(38.75 - 50.56)	20.20	(16.93 - 23.93)	43.73	(39.40 - 48.16)
Circuit 18	56.55	(51.84 - 61.14)	23.88	(20.68 - 27.40)	40.15	(36.28 - 44.15)
Circuit 19	53.68	(47.32 - 59.93)	21.10	(17.48 - 25.23)	41.40	(36.88 - 46.07)
Region D	51.87	(49.57 - 54.16)	20.88	(19.29 - 22.56)	48.93	(46.82 - 51.04)
Circuits 11 and 16	47.60	(44.08 - 51.15)	20.04	(17.67 - 22.65)	52.95	(49.77 - 56.10)
Circuit 15 (Palm Beach)	58.44	(54.12 - 62.63)	23.50	(20.53 - 26.76)	43.68	(39.94 - 47.51)
Circuit 17 (Broward)	53.37	(49.68 - 57.02)	20.21	(17.68 - 23.00)	46.82	(43.58 - 50.09)
Region E	55.64	(53.03 - 58.21)	22.00	(20.22 - 23.88)	43.15	(40.84 - 45.50)
Circuit 6	53.50	(48.96 - 57.99)	21.19	(18.25 - 24.46)	43.20	(39.30 - 47.18)
Circuit 12	59.55	(53.81 - 65.05)	20.23	(16.69 - 24.31)	40.71	(36.10 - 45.49)
Circuit 13 (Hillsborough)	48.78	(44.10 - 53.47)	22.17	(19.25 - 25.39)	46.43	(42.69 - 50.21)
Circuit 20	62.85	(57.95 - 67.49)	24.06	(20.67 - 27.82)	41.36	(37.11 - 45.76)
<b>Georgia</b>	44.02	(41.29 - 46.78)	19.74	(17.81 - 21.84)	46.85	(44.12 - 49.60)
Region 1	36.07	(30.81 - 41.69)	18.14	(14.90 - 21.90)	44.09	(39.46 - 48.83)
Region 2	42.22	(36.81 - 47.82)	21.19	(17.73 - 25.11)	46.55	(42.01 - 51.15)
Region 3	48.70	(44.70 - 52.73)	19.51	(16.80 - 22.53)	47.97	(44.20 - 51.76)
Region 4	43.80	(38.11 - 49.67)	20.88	(17.36 - 24.89)	46.82	(42.16 - 51.54)
Region 5	39.47	(34.04 - 45.18)	19.23	(15.72 - 23.29)	46.40	(41.72 - 51.13)
<b>Hawaii</b>	46.81	(43.85 - 49.79)	21.94	(19.70 - 24.36)	39.85	(36.93 - 42.85)
Hawaii Island	47.84	(41.77 - 53.97)	23.97	(19.80 - 28.70)	41.02	(35.96 - 46.29)
Honolulu	46.02	(42.60 - 49.47)	21.50	(18.99 - 24.24)	39.29	(35.94 - 42.73)
Kauai and Maui**	49.53	(44.00 - 55.08)	22.33	(18.77 - 26.33)	41.45	(36.96 - 46.09)
Maui	48.77	(42.30 - 55.29)	22.00	(17.98 - 26.64)	41.16	(36.02 - 46.50)
<b>Idaho</b>	46.62	(44.09 - 49.17)	21.97	(20.04 - 24.03)	39.72	(37.20 - 42.29)
Region 1	52.44	(46.59 - 58.22)	21.62	(17.91 - 25.85)	38.00	(33.43 - 42.78)
Region 2	53.54	(46.83 - 60.12)	26.26	(21.81 - 31.26)	38.03	(33.12 - 43.21)
Region 3	37.54	(32.81 - 42.52)	19.68	(16.60 - 23.18)	39.54	(35.43 - 43.81)
Region 4	56.48	(51.59 - 61.24)	24.71	(21.52 - 28.20)	37.84	(33.97 - 41.88)
Region 5	45.13	(39.13 - 51.27)	22.60	(18.76 - 26.96)	41.55	(36.88 - 46.37)
Region 6	37.39	(31.75 - 43.40)	20.17	(16.67 - 24.20)	41.68	(37.01 - 46.50)
Region 7	33.91	(28.33 - 39.97)	17.17	(13.95 - 20.95)	43.72	(39.05 - 48.52)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Illinois</b>	52.98	(51.53 - 54.42)	26.04	(24.87 - 27.24)	38.46	(37.14 - 39.81)
Region I (Cook)	53.14	(50.91 - 55.36)	26.60	(24.84 - 28.43)	41.54	(39.49 - 43.61)
Region II	56.26	(53.95 - 58.55)	25.54	(23.60 - 27.59)	35.83	(33.72 - 38.00)
Region III	50.97	(47.37 - 54.55)	26.09	(23.52 - 28.83)	35.97	(32.97 - 39.09)
Region IV	49.88	(45.47 - 54.30)	26.08	(23.00 - 29.41)	36.91	(33.30 - 40.66)
Region V	46.72	(42.70 - 50.79)	24.99	(22.20 - 28.00)	37.01	(33.64 - 40.52)
<b>Indiana</b>	49.72	(47.11 - 52.33)	21.84	(19.96 - 23.84)	39.36	(36.80 - 41.98)
Central	54.41	(49.64 - 59.11)	21.19	(18.05 - 24.71)	41.18	(37.15 - 45.34)
East	40.24	(34.11 - 46.70)	20.37	(16.83 - 24.44)	39.08	(34.41 - 43.96)
North Central	47.90	(42.22 - 53.64)	20.73	(17.28 - 24.66)	39.70	(35.19 - 44.40)
Northeast	46.70	(40.60 - 52.91)	20.42	(17.01 - 24.33)	39.10	(34.48 - 43.93)
Northwest	52.82	(47.11 - 58.47)	21.93	(18.48 - 25.82)	40.97	(36.39 - 45.71)
Southeast	46.64	(40.45 - 52.94)	21.10	(17.38 - 25.37)	39.13	(34.43 - 44.04)
Southwest	50.45	(44.07 - 56.82)	23.91	(19.82 - 28.54)	36.17	(31.39 - 41.24)
West	51.20	(45.53 - 56.84)	26.31	(22.55 - 30.45)	36.17	(31.86 - 40.70)
<b>Iowa</b>	53.32	(50.66 - 55.96)	28.04	(25.97 - 30.21)	35.49	(33.12 - 37.93)
Central	53.17	(47.54 - 58.72)	28.83	(24.85 - 33.17)	36.26	(32.02 - 40.73)
North Central	53.11	(47.06 - 59.07)	28.94	(24.87 - 33.37)	34.71	(30.37 - 39.32)
Northeast	60.09	(55.31 - 64.68)	31.05	(27.50 - 34.83)	34.83	(31.14 - 38.72)
Northwest	50.04	(44.70 - 55.38)	25.28	(21.56 - 29.41)	37.17	(32.84 - 41.72)
Southeast	50.26	(45.30 - 55.21)	26.67	(23.25 - 30.38)	35.06	(31.16 - 39.17)
Southwest	49.19	(42.82 - 55.58)	25.73	(21.76 - 30.13)	34.78	(30.11 - 39.75)
<b>Kansas</b>	52.04	(49.18 - 54.88)	26.15	(24.05 - 28.36)	38.92	(36.41 - 41.49)
Kansas City Metro	58.13	(53.64 - 62.48)	26.95	(23.78 - 30.38)	37.94	(34.30 - 41.71)
Northeast	52.92	(47.67 - 58.11)	28.42	(24.59 - 32.58)	38.20	(33.90 - 42.69)
South Central	43.23	(37.73 - 48.91)	23.33	(19.67 - 27.44)	39.29	(34.86 - 43.90)
Southeast	45.95	(38.56 - 53.53)	24.52	(20.13 - 29.50)	38.80	(33.64 - 44.22)
West	46.77	(40.13 - 53.53)	25.26	(21.13 - 29.89)	39.63	(34.88 - 44.58)
Wichita (Sedgwick)	52.86	(47.58 - 58.07)	25.57	(21.83 - 29.71)	40.90	(36.59 - 45.35)
<b>Kentucky</b>	42.17	(39.50 - 44.88)	21.61	(19.74 - 23.60)	41.33	(38.75 - 43.97)
Adanta, Cumberland River, and Lifeskills	35.80	(30.41 - 41.57)	20.24	(16.93 - 24.02)	41.04	(36.42 - 45.82)
Bluegrass, Comprehend, and North Key	45.96	(41.45 - 50.54)	21.82	(18.88 - 25.08)	40.25	(36.32 - 44.31)
Communicare and River Valley	38.79	(33.14 - 44.76)	21.11	(17.54 - 25.20)	41.87	(37.12 - 46.78)
Four Rivers and Pennyroyal	40.88	(34.82 - 47.23)	21.23	(17.59 - 25.38)	43.18	(38.49 - 48.00)
Kentucky River, Mountain, and Pathways	28.83	(24.02 - 34.16)	17.85	(14.74 - 21.45)	42.60	(38.25 - 47.07)
Seven Counties	51.89	(46.92 - 56.82)	24.92	(21.32 - 28.90)	41.18	(36.88 - 45.62)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Louisiana</b>	48.58	(45.88 - 51.28)	24.26	(22.18 - 26.46)	43.01	(40.46 - 45.60)
Region 1	48.13	(41.34 - 54.99)	24.83	(20.29 - 30.00)	45.94	(41.00 - 50.96)
Regions 2 and 9	53.33	(48.86 - 57.75)	24.48	(21.25 - 28.03)	41.89	(37.94 - 45.94)
Region 3	48.86	(42.85 - 54.91)	26.66	(22.48 - 31.30)	39.20	(34.48 - 44.13)
Region 4	46.80	(40.79 - 52.91)	23.89	(20.03 - 28.24)	41.36	(36.66 - 46.23)
Regions 5 and 6	47.10	(41.54 - 52.73)	25.55	(21.76 - 29.76)	40.60	(36.18 - 45.18)
Regions 7 and 8	41.10	(36.09 - 46.31)	21.74	(18.47 - 25.39)	46.67	(42.26 - 51.13)
Region 10 (Jefferson)	55.95	(49.38 - 62.32)	24.63	(20.35 - 29.48)	43.33	(38.38 - 48.41)
<b>Maine</b>	52.63	(49.91 - 55.34)	22.00	(20.05 - 24.09)	37.83	(35.23 - 40.50)
Aroostook/Downeast	46.48	(40.21 - 52.87)	20.99	(17.12 - 25.45)	37.55	(32.75 - 42.61)
Central	45.77	(39.48 - 52.21)	20.24	(16.78 - 24.20)	36.80	(32.20 - 41.65)
Cumberland	60.94	(56.04 - 65.63)	23.79	(20.51 - 27.41)	37.31	(33.30 - 41.50)
Midcoast	52.12	(45.39 - 58.78)	20.20	(16.59 - 24.36)	40.52	(35.41 - 45.85)
Penquis	53.11	(47.00 - 59.14)	23.55	(19.99 - 27.52)	39.30	(34.56 - 44.24)
Western	49.80	(44.04 - 55.56)	22.38	(18.89 - 26.29)	38.05	(33.42 - 42.90)
York	54.61	(48.92 - 60.19)	21.59	(18.21 - 25.41)	36.19	(31.73 - 40.89)
<b>Maryland</b>	52.89	(50.10 - 55.66)	20.09	(18.18 - 22.14)	44.75	(42.06 - 47.48)
Anne Arundel	55.99	(49.01 - 62.74)	21.68	(17.72 - 26.23)	41.20	(36.15 - 46.45)
Baltimore City	44.88	(39.12 - 50.78)	20.79	(17.15 - 24.96)	51.34	(46.48 - 56.19)
Baltimore County	58.10	(51.90 - 64.05)	19.86	(16.50 - 23.70)	43.93	(39.17 - 48.80)
Montgomery	57.29	(51.41 - 62.97)	18.48	(15.24 - 22.22)	44.77	(40.17 - 49.45)
North Central	61.79	(55.16 - 68.00)	22.36	(18.33 - 26.98)	39.07	(33.89 - 44.51)
Northeast	56.16	(49.33 - 62.77)	22.87	(18.82 - 27.51)	40.88	(35.72 - 46.25)
Prince George's	42.72	(37.10 - 48.53)	17.02	(13.88 - 20.69)	50.48	(45.83 - 55.12)
South	51.92	(45.71 - 58.07)	21.59	(18.01 - 25.65)	43.82	(39.01 - 48.74)
West	50.28	(43.67 - 56.89)	20.15	(16.51 - 24.35)	40.92	(35.91 - 46.12)
<b>Massachusetts</b>	59.40	(56.74 - 62.01)	26.36	(24.21 - 28.62)	34.00	(31.51 - 36.57)
Boston	56.16	(50.79 - 61.40)	28.59	(24.65 - 32.90)	37.54	(33.29 - 41.99)
Central	58.06	(52.13 - 63.76)	28.17	(23.99 - 32.77)	34.25	(29.78 - 39.02)
Metrowest	63.60	(58.65 - 68.27)	25.47	(22.28 - 28.94)	31.99	(28.01 - 36.24)
Northeast	56.90	(51.79 - 61.87)	24.09	(20.74 - 27.79)	35.29	(31.22 - 39.58)
Southeast	60.94	(55.73 - 65.91)	25.25	(21.57 - 29.31)	33.92	(29.77 - 38.33)
Western	57.67	(51.90 - 63.23)	29.23	(25.15 - 33.67)	32.17	(27.76 - 36.93)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Michigan</b>	54.78	(53.39 - 56.17)	25.15	(24.06 - 26.28)	37.68	(36.39 - 38.99)
Bay	51.69	(46.31 - 57.04)	25.72	(22.30 - 29.45)	33.86	(30.01 - 37.93)
Detroit City	39.72	(35.76 - 43.83)	21.73	(18.85 - 24.92)	51.09	(47.45 - 54.72)
Genesee	52.44	(47.65 - 57.19)	24.25	(20.92 - 27.93)	38.18	(34.43 - 42.08)
Kalamazoo	53.15	(48.79 - 57.46)	24.39	(21.53 - 27.49)	37.53	(33.96 - 41.25)
Kent	55.14	(50.50 - 59.69)	23.69	(20.63 - 27.05)	36.86	(33.13 - 40.76)
Lakeshore	51.78	(47.44 - 56.10)	24.18	(21.34 - 27.26)	38.64	(35.32 - 42.07)
Macomb	59.12	(55.06 - 63.06)	27.04	(24.01 - 30.30)	35.06	(31.79 - 38.47)
Mid South	54.95	(51.16 - 58.70)	26.72	(24.00 - 29.64)	34.13	(31.06 - 37.34)
Northern	53.60	(49.37 - 57.77)	26.08	(23.04 - 29.37)	35.45	(32.10 - 38.95)
Oakland	61.57	(58.15 - 64.88)	25.20	(22.67 - 27.90)	36.58	(33.45 - 39.82)
Pathways	57.21	(50.66 - 63.53)	30.80	(26.30 - 35.69)	34.54	(30.17 - 39.19)
Saginaw	54.25	(47.97 - 60.39)	22.85	(19.07 - 27.14)	36.39	(32.04 - 40.97)
Southeast	56.14	(52.55 - 59.66)	24.74	(22.26 - 27.41)	38.05	(35.02 - 41.17)
St. Clair	58.17	(52.23 - 63.89)	26.95	(22.83 - 31.51)	37.25	(32.81 - 41.93)
Washtenaw	63.30	(59.04 - 67.37)	26.09	(23.03 - 29.40)	36.35	(32.85 - 39.99)
Western	52.49	(45.62 - 59.27)	25.86	(21.90 - 30.26)	33.11	(28.47 - 38.11)
<b>Minnesota</b>	60.64	(57.98 - 63.24)	27.59	(25.34 - 29.96)	34.10	(31.64 - 36.65)
Regions 1 and 2	55.64	(49.25 - 61.85)	28.56	(23.96 - 33.65)	33.85	(29.23 - 38.79)
Regions 3 and 4	58.14	(53.13 - 63.00)	27.08	(23.36 - 31.16)	33.12	(29.24 - 37.23)
Regions 5 and 6	59.63	(54.50 - 64.56)	29.85	(25.97 - 34.04)	34.16	(30.08 - 38.50)
Region 7A (Hennepin)	62.51	(57.53 - 67.23)	27.34	(23.48 - 31.57)	34.88	(30.84 - 39.15)
Region 7B (Ramsey)	57.93	(51.46 - 64.15)	25.81	(21.48 - 30.67)	36.98	(32.24 - 41.99)
Region 7C	65.32	(60.69 - 69.67)	26.55	(23.06 - 30.36)	32.66	(28.94 - 36.60)
<b>Mississippi</b>	36.61	(34.09 - 39.20)	18.42	(16.58 - 20.41)	47.95	(45.39 - 50.52)
Region 1	33.70	(29.04 - 38.71)	17.01	(14.04 - 20.46)	48.27	(43.97 - 52.60)
Region 2	33.80	(28.78 - 39.23)	17.95	(14.64 - 21.82)	49.83	(45.33 - 54.32)
Region 3	33.42	(28.24 - 39.03)	18.45	(15.29 - 22.10)	49.60	(44.75 - 54.47)
Region 4	43.79	(38.45 - 49.28)	20.39	(17.06 - 24.19)	47.20	(42.79 - 51.65)
Region 5	31.16	(25.57 - 37.35)	17.04	(13.54 - 21.23)	49.27	(44.18 - 54.36)
Region 6	33.79	(28.40 - 39.65)	18.04	(14.74 - 21.88)	48.00	(43.13 - 52.91)
Region 7	42.01	(36.65 - 47.56)	19.31	(16.13 - 22.95)	44.58	(40.14 - 49.11)
<b>Missouri</b>	49.03	(46.26 - 51.80)	24.41	(22.44 - 26.49)	39.93	(37.35 - 42.56)
Central	45.05	(39.53 - 50.69)	24.32	(20.72 - 28.33)	38.56	(34.23 - 43.09)
Eastern	55.32	(51.24 - 59.32)	26.48	(23.67 - 29.50)	39.94	(36.57 - 43.41)
Eastern (St. Louis City and County)	55.23	(50.30 - 60.05)	25.98	(22.47 - 29.83)	41.42	(37.32 - 45.65)
Eastern (excluding St. Louis)	55.50	(49.53 - 61.32)	27.48	(23.64 - 31.69)	37.00	(32.54 - 41.71)
Northwest	51.13	(46.47 - 55.77)	24.99	(21.97 - 28.28)	40.23	(36.49 - 44.09)
Northwest (Jackson)	52.95	(46.67 - 59.14)	24.55	(20.73 - 28.81)	42.49	(37.65 - 47.48)
Northwest (excluding Jackson)	49.51	(43.31 - 55.73)	25.38	(21.42 - 29.80)	38.21	(33.39 - 43.28)
Southeast	40.26	(34.20 - 46.62)	22.08	(18.44 - 26.21)	40.55	(35.67 - 45.62)
Southwest	41.77	(36.63 - 47.09)	20.66	(17.46 - 24.27)	40.16	(35.73 - 44.76)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Montana</b>	56.38	(53.59 - 59.14)	28.42	(26.25 - 30.70)	35.55	(32.94 - 38.25)
Region 1	52.02	(45.09 - 58.87)	26.06	(21.63 - 31.04)	36.57	(31.50 - 41.96)
Region 2	51.90	(45.86 - 57.88)	26.13	(22.29 - 30.37)	39.25	(34.47 - 44.24)
Region 3	54.92	(49.71 - 60.02)	28.64	(24.89 - 32.72)	37.32	(33.00 - 41.85)
Region 4	60.09	(55.48 - 64.52)	29.90	(26.48 - 33.57)	33.48	(29.63 - 37.56)
Region 5	57.66	(53.15 - 62.05)	28.80	(25.43 - 32.43)	33.99	(30.11 - 38.11)
<b>Nebraska</b>	54.56	(51.82 - 57.28)	26.64	(24.52 - 28.86)	36.04	(33.53 - 38.63)
Regions 1 and 2	51.70	(44.85 - 58.48)	23.39	(19.38 - 27.95)	36.79	(31.94 - 41.93)
Region 3	56.00	(49.71 - 62.11)	25.22	(21.30 - 29.59)	34.57	(30.04 - 39.40)
Region 4	46.55	(40.72 - 52.48)	25.51	(21.51 - 29.96)	36.34	(31.86 - 41.08)
Region 5	56.10	(51.41 - 60.67)	28.50	(25.09 - 32.16)	34.49	(30.63 - 38.57)
Region 6	56.52	(52.56 - 60.39)	27.23	(24.21 - 30.48)	37.20	(33.76 - 40.77)
<b>Nevada</b>	49.88	(47.03 - 52.73)	23.63	(21.43 - 25.98)	41.53	(38.79 - 44.32)
Clark	48.92	(45.47 - 52.37)	23.12	(20.58 - 25.87)	41.65	(38.43 - 44.93)
Rural	52.26	(46.77 - 57.69)	23.83	(20.17 - 27.92)	40.57	(36.26 - 45.03)
Washoe	52.21	(46.44 - 57.92)	25.78	(21.90 - 30.09)	41.84	(37.17 - 46.66)
<b>New Hampshire</b>	60.21	(57.62 - 62.75)	24.59	(22.63 - 26.66)	33.55	(31.13 - 36.05)
Central	58.63	(54.11 - 63.00)	25.32	(22.37 - 28.52)	33.95	(30.40 - 37.69)
Central 1	57.15	(51.17 - 62.92)	25.81	(22.03 - 29.99)	33.38	(28.99 - 38.08)
Central 2	60.06	(53.93 - 65.89)	24.85	(20.91 - 29.25)	34.50	(29.93 - 39.38)
Northern	62.00	(56.24 - 67.45)	27.10	(23.07 - 31.53)	30.47	(26.36 - 34.92)
Southern	60.58	(57.49 - 63.58)	23.69	(21.40 - 26.13)	34.04	(31.24 - 36.96)
Southern 1 (Rockingham)	63.48	(58.99 - 67.75)	24.07	(20.76 - 27.72)	31.84	(28.06 - 35.88)
Southern 2	58.81	(54.74 - 62.76)	23.45	(20.63 - 26.53)	35.38	(31.91 - 39.02)
<b>New Jersey</b>	55.20	(52.30 - 58.08)	21.85	(19.77 - 24.08)	42.90	(40.05 - 45.79)
Central	58.69	(53.30 - 63.87)	20.92	(17.54 - 24.75)	40.87	(36.36 - 45.54)
Metropolitan	54.05	(49.06 - 58.95)	21.28	(18.11 - 24.83)	46.89	(42.42 - 51.42)
Northern	54.53	(50.11 - 58.89)	21.85	(18.84 - 25.19)	43.55	(39.48 - 47.70)
Southern	53.74	(48.56 - 58.85)	23.57	(20.15 - 27.38)	39.41	(35.14 - 43.84)
<b>New Mexico</b>	46.56	(43.76 - 49.39)	21.00	(19.09 - 23.05)	46.91	(44.29 - 49.55)
Region 1	40.74	(35.77 - 45.91)	19.29	(16.25 - 22.75)	47.32	(42.84 - 51.84)
Region 2	49.70	(43.83 - 55.57)	19.95	(16.39 - 24.06)	51.02	(46.15 - 55.88)
Region 3 (Bernalillo)	51.91	(47.62 - 56.16)	22.42	(19.65 - 25.47)	44.73	(40.83 - 48.69)
Region 4	41.55	(35.91 - 47.41)	20.33	(16.83 - 24.34)	46.25	(41.53 - 51.04)
Region 5	44.99	(39.47 - 50.63)	21.77	(18.46 - 25.49)	47.01	(42.65 - 51.41)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>New York</b>	54.43	(52.87 - 55.98)	23.35	(22.20 - 24.55)	42.58	(41.10 - 44.06)
Region A	48.32	(46.00 - 50.65)	21.13	(19.57 - 22.78)	47.62	(45.58 - 49.67)
Region 1	42.27	(37.35 - 47.35)	19.17	(16.03 - 22.76)	53.19	(49.19 - 57.14)
Region 2	45.26	(41.71 - 48.85)	19.86	(17.48 - 22.47)	47.47	(44.29 - 50.66)
Region 3	61.39	(56.70 - 65.88)	28.51	(25.01 - 32.30)	42.57	(38.71 - 46.52)
Region 4	46.44	(42.22 - 50.71)	18.66	(16.10 - 21.53)	48.22	(44.56 - 51.89)
Region B	61.52	(58.93 - 64.04)	24.55	(22.58 - 26.63)	40.99	(38.58 - 43.44)
Region 5	63.92	(60.51 - 67.20)	25.64	(23.01 - 28.46)	40.38	(37.16 - 43.67)
Region 6	57.95	(53.27 - 62.49)	22.61	(19.44 - 26.13)	43.49	(39.50 - 47.55)
Region 7	59.06	(53.57 - 64.33)	23.94	(20.40 - 27.87)	39.05	(34.97 - 43.29)
Region C	58.10	(55.88 - 60.28)	25.35	(23.72 - 27.05)	37.41	(35.39 - 39.48)
Region 8	60.16	(55.57 - 64.57)	26.82	(23.67 - 30.23)	38.42	(34.69 - 42.29)
Region 9	56.37	(51.65 - 60.98)	24.82	(21.69 - 28.24)	37.27	(33.47 - 41.23)
Region 10	54.53	(49.28 - 59.67)	23.93	(20.68 - 27.51)	36.57	(32.53 - 40.81)
Region 11	54.59	(50.25 - 58.86)	22.70	(19.88 - 25.79)	38.37	(34.85 - 42.02)
Region 12	62.30	(58.16 - 66.27)	27.46	(24.42 - 30.73)	36.14	(32.54 - 39.91)
Region D	53.29	(49.65 - 56.90)	25.38	(23.01 - 27.90)	36.36	(33.61 - 39.19)
Region 13	55.30	(49.53 - 60.93)	24.12	(20.50 - 28.15)	37.49	(33.09 - 42.10)
Region 14	49.93	(44.00 - 55.86)	27.09	(23.15 - 31.44)	35.65	(31.56 - 39.96)
Region 15	54.73	(49.08 - 60.26)	24.83	(21.19 - 28.87)	36.04	(31.72 - 40.59)
<b>North Carolina</b>	42.97	(40.25 - 45.74)	19.89	(17.95 - 21.98)	44.62	(41.81 - 47.46)
Eastern	41.75	(36.41 - 47.29)	20.57	(17.31 - 24.27)	45.09	(40.37 - 49.90)
North Central	41.95	(36.90 - 47.17)	18.81	(15.67 - 22.42)	44.21	(39.69 - 48.83)
South Central	40.58	(35.81 - 45.54)	18.81	(15.78 - 22.28)	45.10	(40.81 - 49.46)
Western	46.09	(41.92 - 50.32)	21.04	(18.28 - 24.10)	44.29	(40.56 - 48.09)
<b>North Dakota</b>	59.13	(56.45 - 61.75)	30.96	(28.68 - 33.34)	33.49	(31.04 - 36.03)
Badlands and West Central Lake Region and South Central	59.31	(54.55 - 63.90)	29.15	(25.52 - 33.06)	35.10	(31.25 - 39.14)
North Central and Northwest	48.95	(43.57 - 54.36)	28.66	(24.49 - 33.23)	34.07	(29.73 - 38.69)
Northeast	54.55	(49.08 - 59.91)	29.67	(25.82 - 33.82)	32.41	(28.33 - 36.77)
Southeast	62.33	(57.11 - 67.28)	33.03	(29.05 - 37.27)	32.46	(28.50 - 36.69)
Southeast	66.30	(61.66 - 70.65)	33.90	(30.31 - 37.68)	32.80	(29.08 - 36.75)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Ohio</b>	51.05	(49.64 - 52.45)	23.81	(22.76 - 24.89)	37.93	(36.61 - 39.26)
Boards 2, 46, 55, and 68	43.49	(38.27 - 48.86)	21.21	(18.17 - 24.60)	37.49	(33.60 - 41.54)
Boards 3, 52, and 85	50.65	(45.05 - 56.23)	21.66	(18.46 - 25.24)	34.39	(30.53 - 38.47)
Boards 4 and 78	50.54	(44.77 - 56.29)	24.82	(21.09 - 28.96)	35.73	(31.52 - 40.18)
Boards 5 and 60	44.08	(38.92 - 49.38)	25.27	(21.94 - 28.91)	37.64	(33.80 - 41.64)
Boards 7, 15, 41, 79, and 84	42.85	(37.67 - 48.19)	22.31	(18.98 - 26.04)	36.29	(32.22 - 40.56)
Boards 8, 13, and 83	51.68	(46.43 - 56.89)	22.82	(19.57 - 26.43)	35.68	(31.88 - 39.66)
Board 9 (Butler)	50.49	(44.84 - 56.12)	25.07	(21.47 - 29.05)	36.95	(32.77 - 41.33)
Board 12	45.66	(40.02 - 51.42)	19.90	(16.64 - 23.63)	40.04	(35.76 - 44.47)
Boards 18 and 47	54.28	(50.96 - 57.55)	24.37	(21.92 - 27.00)	39.58	(36.67 - 42.57)
Boards 20, 32, 54, and 69	53.87	(48.23 - 59.42)	25.94	(22.19 - 30.09)	35.72	(31.68 - 39.98)
Boards 21, 39, 51, 70, and 80	51.35	(45.93 - 56.74)	23.35	(20.11 - 26.93)	36.24	(32.32 - 40.34)
Boards 22, 74, and 87	52.69	(46.48 - 58.82)	26.69	(22.85 - 30.90)	37.06	(32.60 - 41.76)
Boards 23 and 45	48.61	(43.04 - 54.22)	23.53	(20.14 - 27.31)	36.73	(32.69 - 40.96)
Board 25 (Franklin)	55.86	(52.11 - 59.54)	25.59	(23.12 - 28.23)	38.61	(35.45 - 41.87)
Boards 27, 71, and 73	36.21	(31.39 - 41.32)	19.24	(16.32 - 22.54)	36.89	(32.99 - 40.96)
Boards 28, 43, and 67	56.62	(51.63 - 61.48)	25.00	(21.67 - 28.66)	37.42	(33.45 - 41.58)
Board 31 (Hamilton)	53.83	(49.47 - 58.13)	23.92	(21.02 - 27.09)	38.23	(34.60 - 41.99)
Board 48 (Lucas)	51.84	(46.65 - 57.00)	25.75	(22.31 - 29.52)	38.66	(34.88 - 42.59)
Boards 50 and 76	52.19	(47.22 - 57.12)	24.24	(21.06 - 27.73)	38.05	(34.16 - 42.09)
Board 57 (Montgomery)	50.62	(45.65 - 55.58)	22.78	(19.62 - 26.28)	39.64	(35.78 - 43.63)
Board 77 (Summit)	54.65	(49.50 - 59.70)	23.59	(20.42 - 27.08)	41.18	(37.03 - 45.46)
<b>Oklahoma</b>	41.55	(38.86 - 44.29)	20.92	(18.95 - 23.04)	42.67	(40.06 - 45.32)
Central	41.80	(35.90 - 47.95)	20.77	(17.29 - 24.74)	41.48	(36.94 - 46.16)
East Central	35.05	(29.46 - 41.08)	18.61	(15.20 - 22.57)	46.46	(41.37 - 51.63)
Northeast	42.81	(37.31 - 48.50)	21.74	(18.25 - 25.69)	40.06	(35.59 - 44.70)
Northwest and Southwest	42.29	(36.41 - 48.40)	22.58	(18.83 - 26.83)	40.72	(36.03 - 45.59)
Oklahoma County	42.47	(37.24 - 47.88)	21.20	(17.94 - 24.86)	45.40	(40.99 - 49.87)
Southeast	34.94	(29.76 - 40.49)	19.07	(15.74 - 22.92)	42.85	(38.08 - 47.76)
Tulsa County	49.07	(43.48 - 54.68)	21.81	(18.32 - 25.74)	41.28	(36.66 - 46.06)
<b>Oregon</b>	55.82	(53.09 - 58.51)	20.70	(18.89 - 22.65)	39.05	(36.59 - 41.56)
Region 1 (Multnomah)	59.39	(53.83 - 64.71)	21.94	(18.51 - 25.81)	39.10	(34.82 - 43.54)
Region 2	58.78	(54.23 - 63.18)	19.36	(16.53 - 22.54)	39.74	(35.79 - 43.83)
Region 3	53.55	(49.19 - 57.86)	20.53	(17.86 - 23.50)	38.97	(35.35 - 42.71)
Region 4	52.12	(46.37 - 57.81)	19.67	(16.15 - 23.75)	37.61	(33.11 - 42.33)
Region 5	54.69	(48.05 - 61.17)	23.07	(18.98 - 27.74)	39.62	(34.80 - 44.64)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Pennsylvania</b>	52.89	(51.43 - 54.34)	24.10	(23.04 - 25.18)	37.04	(35.67 - 38.42)
Region 1 (Allegheny)	60.76	(56.73 - 64.66)	28.04	(24.98 - 31.32)	33.39	(30.07 - 36.90)
Regions 2, 3, 8, and 9	51.60	(46.63 - 56.53)	24.99	(21.75 - 28.55)	35.02	(31.11 - 39.14)
Regions 4, 11, 37, and 49	53.21	(48.70 - 57.67)	23.90	(20.94 - 27.14)	34.60	(30.98 - 38.40)
Regions 5, 18, 23, 24, and 46	43.01	(38.81 - 47.32)	19.96	(17.29 - 22.93)	38.47	(34.79 - 42.29)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	51.08	(46.86 - 55.28)	26.25	(23.43 - 29.28)	35.49	(32.03 - 39.10)
Regions 7, 13, 20, and 33	61.52	(58.59 - 64.36)	25.23	(23.09 - 27.50)	35.92	(33.33 - 38.60)
Regions 10, 14, 15, 27, 32, 43, and 44	47.63	(42.62 - 52.69)	22.45	(19.31 - 25.94)	35.21	(31.53 - 39.08)
Regions 17 and 21	55.39	(49.75 - 60.90)	27.13	(23.41 - 31.19)	35.86	(31.73 - 40.21)
Regions 19, 26, 28, and 42	48.90	(45.14 - 52.67)	20.59	(18.26 - 23.13)	40.43	(37.18 - 43.76)
Regions 22, 38, 40, 41, and 48	50.53	(45.99 - 55.06)	22.13	(19.18 - 25.39)	36.40	(32.67 - 40.30)
Regions 25 and 30	53.81	(48.79 - 58.75)	25.97	(22.52 - 29.74)	35.78	(31.90 - 39.86)
Regions 29 and 34	51.29	(45.80 - 56.75)	22.51	(19.37 - 26.00)	37.81	(33.79 - 42.00)
Region 36 (Philadelphia)	45.00	(41.08 - 48.98)	23.65	(20.97 - 26.56)	42.91	(39.54 - 46.36)
<b>Rhode Island</b>	60.88	(58.11 - 63.59)	28.52	(26.24 - 30.92)	37.97	(35.36 - 40.66)
Bristol and Newport	64.77	(58.87 - 70.26)	28.60	(24.19 - 33.47)	36.87	(31.93 - 42.11)
Kent	61.07	(55.20 - 66.63)	26.52	(22.47 - 31.01)	37.35	(32.85 - 42.09)
Providence	58.70	(55.13 - 62.19)	28.94	(26.16 - 31.88)	38.35	(35.18 - 41.61)
Washington	67.11	(61.91 - 71.93)	29.03	(25.04 - 33.37)	38.12	(33.56 - 42.90)
<b>South Carolina</b>	43.87	(41.20 - 46.59)	20.75	(18.82 - 22.83)	43.38	(40.92 - 45.87)
Region 1	39.62	(35.05 - 44.38)	18.32	(15.47 - 21.57)	44.44	(40.27 - 48.69)
Region 2	45.74	(41.20 - 50.36)	21.88	(18.88 - 25.21)	40.72	(36.90 - 44.66)
Region 3	40.30	(35.25 - 45.57)	19.05	(15.89 - 22.67)	46.75	(42.34 - 51.21)
Region 4	48.54	(43.75 - 53.35)	23.12	(19.92 - 26.67)	43.01	(39.06 - 47.05)
<b>South Dakota</b>	59.17	(56.60 - 61.69)	28.42	(26.28 - 30.66)	34.62	(32.14 - 37.19)
Region 1	58.44	(53.22 - 63.48)	29.80	(25.93 - 33.98)	34.80	(30.46 - 39.40)
Region 2	63.32	(58.77 - 67.63)	31.02	(27.40 - 34.88)	34.77	(30.94 - 38.82)
Region 3	59.69	(54.31 - 64.85)	27.14	(23.41 - 31.22)	32.26	(28.28 - 36.52)
Region 4	58.65	(52.18 - 64.83)	29.40	(24.75 - 34.52)	35.14	(30.65 - 39.92)
Region 5	56.34	(49.95 - 62.53)	27.96	(23.50 - 32.90)	34.52	(29.79 - 39.57)
Region 6	56.93	(50.62 - 63.02)	26.65	(22.24 - 31.59)	37.79	(32.90 - 42.94)
Region 7	56.25	(50.95 - 61.41)	24.89	(21.15 - 29.05)	34.99	(30.98 - 39.22)
<b>Tennessee</b>	41.16	(38.43 - 43.94)	18.45	(16.60 - 20.45)	43.39	(40.76 - 46.06)
Region 1	35.77	(29.71 - 42.32)	17.67	(14.27 - 21.68)	39.69	(34.65 - 44.96)
Region 2	40.98	(35.78 - 46.38)	17.83	(14.84 - 21.26)	42.42	(37.93 - 47.04)
Region 3	39.24	(34.07 - 44.66)	18.54	(15.45 - 22.08)	43.96	(39.42 - 48.61)
Region 4 (Davidson)	47.39	(40.94 - 53.93)	18.84	(15.47 - 22.74)	43.42	(38.57 - 48.40)
Region 5	43.22	(38.51 - 48.06)	19.10	(16.17 - 22.42)	42.96	(38.79 - 47.24)
Region 6	34.40	(28.63 - 40.67)	18.01	(14.62 - 21.99)	44.09	(39.23 - 49.07)
Region 7 (Shelby)	44.19	(38.44 - 50.10)	18.66	(15.22 - 22.68)	46.16	(41.42 - 50.97)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Texas</b>	49.14	(47.75 - 50.53)	24.02	(22.96 - 25.11)	44.15	(42.80 - 45.51)
Region 1	47.53	(42.17 - 52.95)	26.89	(23.31 - 30.80)	41.42	(37.20 - 45.76)
Region 2	46.30	(40.85 - 51.84)	22.79	(19.25 - 26.76)	41.52	(37.18 - 45.99)
Region 3	49.68	(47.31 - 52.05)	22.69	(21.05 - 24.43)	42.98	(40.91 - 45.08)
Region 3a	50.99	(48.12 - 53.86)	22.26	(20.21 - 24.44)	43.58	(40.96 - 46.24)
Region 3bc	47.35	(43.58 - 51.15)	23.46	(20.98 - 26.14)	41.92	(38.70 - 45.21)
Region 4	43.24	(38.02 - 48.61)	21.14	(17.91 - 24.78)	41.46	(37.34 - 45.70)
Region 5	42.75	(37.61 - 48.06)	21.47	(18.13 - 25.24)	43.14	(38.99 - 47.38)
Region 6	52.46	(49.76 - 55.14)	24.10	(22.04 - 26.29)	44.36	(41.84 - 46.91)
Region 6a	52.50	(49.57 - 55.40)	23.91	(21.69 - 26.30)	44.60	(41.86 - 47.36)
Region 6bc	52.14	(46.42 - 57.80)	25.65	(21.92 - 29.76)	42.42	(38.34 - 46.61)
Region 7	54.78	(51.54 - 57.97)	25.84	(23.58 - 28.24)	40.88	(38.15 - 43.67)
Region 7a	56.89	(52.87 - 60.82)	25.23	(22.38 - 28.32)	42.10	(38.61 - 45.67)
Region 7bcd	51.55	(46.65 - 56.42)	26.77	(23.35 - 30.49)	39.02	(35.12 - 43.07)
Region 8	47.96	(44.29 - 51.66)	25.07	(22.28 - 28.07)	45.89	(42.63 - 49.18)
Region 9	42.60	(36.85 - 48.55)	22.21	(18.51 - 26.41)	47.29	(42.60 - 52.03)
Region 10	43.75	(38.30 - 49.35)	25.34	(21.37 - 29.77)	51.31	(47.10 - 55.51)
Region 11	43.32	(39.37 - 47.36)	26.07	(23.27 - 29.09)	50.02	(46.91 - 53.12)
Region 11abd	46.44	(41.33 - 51.63)	27.44	(23.80 - 31.40)	49.90	(45.91 - 53.90)
Region 11c (Hidalgo)	37.15	(32.06 - 42.54)	23.38	(19.90 - 27.25)	50.23	(46.11 - 54.35)
<b>Utah</b>	30.35	(27.78 - 33.05)	15.79	(14.00 - 17.76)	47.04	(44.23 - 49.88)
Bear River, Northeastern, Summit, Tooele, and Wasatch	29.37	(24.36 - 34.94)	15.39	(12.26 - 19.14)	48.03	(43.37 - 52.73)
Central, Four Corners, San Juan, and Southwest	23.05	(18.50 - 28.33)	13.99	(11.11 - 17.47)	47.58	(42.77 - 52.44)
Davis County	28.92	(23.77 - 34.67)	15.39	(12.35 - 19.01)	47.20	(42.44 - 52.01)
Salt Lake County	36.54	(32.63 - 40.63)	17.45	(14.88 - 20.36)	45.40	(41.57 - 49.27)
Utah County	21.03	(16.81 - 25.97)	12.65	(10.19 - 15.61)	50.44	(45.93 - 54.95)
Weber, Morgan	32.46	(26.96 - 38.49)	17.46	(14.09 - 21.44)	45.98	(40.99 - 51.04)
<b>Vermont</b>	59.31	(56.59 - 61.98)	24.52	(22.51 - 26.65)	33.74	(31.19 - 36.39)
Champlain Valley	62.48	(58.70 - 66.13)	26.22	(23.49 - 29.15)	32.20	(28.99 - 35.59)
Rural Northeast	52.35	(47.19 - 57.47)	23.82	(20.49 - 27.50)	35.79	(31.73 - 40.06)
Rural Southeast	61.53	(56.15 - 66.64)	21.90	(18.50 - 25.72)	34.13	(29.71 - 38.85)
Rural Southwest	58.98	(53.10 - 64.62)	24.96	(21.08 - 29.28)	33.90	(29.40 - 38.72)
<b>Virginia</b>	50.52	(47.74 - 53.30)	22.10	(20.11 - 24.23)	43.92	(41.22 - 46.65)
Region 1	51.69	(46.03 - 57.31)	24.78	(21.14 - 28.81)	42.37	(37.88 - 46.98)
Region 2	55.93	(51.24 - 60.50)	20.65	(17.73 - 23.91)	44.97	(40.97 - 49.03)
Region 3	42.89	(37.35 - 48.60)	21.96	(18.44 - 25.93)	43.41	(38.78 - 48.16)
Region 4	48.96	(43.58 - 54.36)	21.63	(18.20 - 25.50)	45.02	(40.51 - 49.61)
Region 5	50.83	(45.77 - 55.88)	22.48	(19.08 - 26.29)	43.32	(38.88 - 47.87)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Washington</b>	55.60	(52.90 - 58.27)	22.38	(20.35 - 24.55)	37.32	(34.82 - 39.89)
Region 1	54.37	(48.37 - 60.24)	22.88	(19.13 - 27.12)	38.80	(34.24 - 43.57)
Region 2	43.46	(37.68 - 49.42)	22.16	(18.43 - 26.41)	40.69	(36.11 - 45.43)
Region 3	55.75	(50.15 - 61.21)	23.99	(20.23 - 28.21)	36.89	(32.46 - 41.54)
Region 4 (King)	59.71	(55.16 - 64.09)	21.84	(18.73 - 25.31)	36.72	(32.78 - 40.85)
Region 5	55.53	(50.21 - 60.72)	21.68	(18.25 - 25.55)	36.79	(32.67 - 41.10)
Region 6	55.72	(50.24 - 61.07)	22.13	(18.62 - 26.10)	36.35	(31.99 - 40.95)
<b>West Virginia</b>	36.09	(33.37 - 38.91)	19.11	(17.27 - 21.11)	42.69	(40.02 - 45.40)
Eastern Highland	37.69	(32.53 - 43.14)	18.33	(15.37 - 21.70)	41.77	(37.47 - 46.20)
Northern	41.40	(36.97 - 45.97)	23.51	(20.51 - 26.80)	41.42	(37.71 - 45.24)
Northern A and B	42.14	(35.65 - 48.92)	20.84	(17.15 - 25.09)	39.84	(34.78 - 45.12)
Northern C and D	41.02	(35.85 - 46.40)	24.86	(21.25 - 28.85)	42.23	(37.85 - 46.72)
South Central	35.57	(31.92 - 39.39)	17.61	(15.34 - 20.14)	43.32	(39.88 - 46.83)
South Central I	33.20	(27.42 - 39.54)	17.12	(13.92 - 20.89)	44.46	(39.27 - 49.77)
South Central II	33.42	(27.68 - 39.69)	18.97	(15.65 - 22.81)	43.31	(38.38 - 48.37)
South Central III	38.43	(33.09 - 44.06)	17.00	(13.86 - 20.68)	42.65	(37.88 - 47.56)
Southern	27.87	(23.62 - 32.55)	16.85	(14.13 - 19.97)	44.26	(40.18 - 48.42)
Southern I and III	28.97	(23.55 - 35.08)	17.17	(13.87 - 21.06)	44.25	(39.22 - 49.40)
Southern II	25.68	(20.47 - 31.69)	16.22	(12.99 - 20.06)	44.29	(39.01 - 49.70)
<b>Wisconsin</b>	64.29	(61.74 - 66.77)	30.53	(28.34 - 32.82)	31.56	(29.11 - 34.12)
Milwaukee	62.20	(56.88 - 67.24)	30.46	(26.29 - 34.97)	36.14	(31.73 - 40.80)
Northeastern	66.83	(61.96 - 71.37)	32.78	(28.82 - 37.00)	28.47	(24.80 - 32.46)
Northern	61.91	(55.50 - 67.92)	27.69	(23.31 - 32.55)	31.75	(27.16 - 36.72)
Southeastern	69.53	(65.22 - 73.52)	30.85	(27.05 - 34.93)	32.95	(29.04 - 37.10)
Southern	61.52	(56.69 - 66.13)	29.41	(25.86 - 33.22)	30.21	(26.51 - 34.19)
Western	60.39	(54.29 - 66.19)	30.03	(25.64 - 34.81)	30.61	(26.39 - 35.18)
<b>Wyoming</b>	55.18	(52.49 - 57.84)	25.34	(23.27 - 27.53)	36.72	(34.24 - 39.27)
Judicial District 1 (Laramie)	58.44	(52.69 - 63.97)	24.89	(21.23 - 28.96)	39.32	(35.06 - 43.75)
Judicial District 2	55.87	(49.91 - 61.66)	28.40	(24.48 - 32.67)	36.81	(32.61 - 41.23)
Judicial District 3	51.74	(46.26 - 57.18)	26.53	(22.74 - 30.70)	36.20	(31.94 - 40.68)
Judicial District 4	54.65	(47.28 - 61.83)	23.95	(19.67 - 28.83)	36.83	(31.69 - 42.30)
Judicial District 5	53.53	(47.23 - 59.72)	23.60	(19.49 - 28.27)	37.62	(32.73 - 42.78)
Judicial District 6	55.53	(49.07 - 61.81)	27.42	(22.95 - 32.39)	34.45	(29.88 - 39.32)
Judicial District 7 (Natrona)	54.30	(48.67 - 59.82)	24.42	(20.82 - 28.42)	34.93	(30.69 - 39.42)
Judicial District 8	55.31	(48.21 - 62.21)	23.44	(19.41 - 28.03)	37.05	(32.03 - 42.37)
Judicial District 9	56.28	(50.27 - 62.11)	24.92	(20.89 - 29.43)	36.34	(31.87 - 41.07)

\*\* A separate Kauai estimate is not being reported because of low precision. See Table D12 of Section D for more details.

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.

<sup>1</sup> 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, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Total United States</b>	28.27	(27.86 - 28.68)	18.95	(18.60 - 19.30)
<b>Northeast</b>	31.33	(30.57 - 32.10)	21.16	(20.48 - 21.85)
<b>Midwest</b>	30.62	(30.01 - 31.23)	21.57	(21.02 - 22.13)
<b>South</b>	26.15	(25.56 - 26.76)	16.91	(16.42 - 17.41)
<b>West</b>	26.93	(26.14 - 27.74)	17.88	(17.19 - 18.59)
<b>Alabama</b>	25.93	(23.74 - 28.25)	16.14	(14.37 - 18.10)
Region 1	23.27	(19.57 - 27.42)	15.16	(12.24 - 18.64)
Region 2	27.26	(23.64 - 31.22)	16.51	(13.68 - 19.80)
Region 3	26.63	(22.89 - 30.75)	15.49	(12.64 - 18.85)
Region 4	26.53	(22.69 - 30.77)	17.34	(14.31 - 20.86)
<b>Alaska</b>	27.02	(24.81 - 29.35)	18.30	(16.28 - 20.52)
Gulf Coast	23.76	(19.53 - 28.58)	18.37	(14.51 - 22.97)
Rural	18.75	(14.90 - 23.32)	14.85	(11.27 - 19.31)
Southeast	26.12	(21.69 - 31.08)	19.10	(15.28 - 23.60)
Urban	29.43	(26.64 - 32.39)	18.86	(16.41 - 21.60)
<b>Arizona</b>	27.72	(25.32 - 30.27)	18.99	(17.04 - 21.11)
Maricopa	28.49	(25.48 - 31.70)	18.20	(15.77 - 20.92)
Pima	29.88	(25.32 - 34.88)	22.69	(18.74 - 27.20)
Rural North	25.71	(21.42 - 30.51)	18.52	(14.92 - 22.75)
Rural South	23.12	(18.54 - 28.43)	18.52	(14.57 - 23.25)
<b>Arkansas</b>	27.11	(24.89 - 29.44)	18.12	(16.08 - 20.34)
Areas 1 and 2	31.16	(26.32 - 36.45)	20.41	(16.46 - 25.04)
Areas 3 and 4	27.85	(23.52 - 32.63)	20.05	(16.30 - 24.42)
Areas 5 and 6	25.26	(21.33 - 29.64)	17.94	(14.67 - 21.76)
Areas 7, 12, and 13	24.21	(19.98 - 29.01)	15.01	(11.78 - 18.93)
Areas 8, 10, and 11	28.62	(24.28 - 33.40)	18.60	(15.07 - 22.74)
Area 9	25.08	(21.16 - 29.46)	15.99	(12.78 - 19.83)
<b>California</b>	25.70	(24.46 - 26.98)	16.55	(15.50 - 17.66)
Region 1	30.90	(26.43 - 35.77)	22.06	(18.15 - 26.55)
Region 2	28.50	(25.47 - 31.73)	18.24	(15.68 - 21.12)
Region 3	26.26	(22.37 - 30.56)	16.95	(13.88 - 20.53)
Region 4	27.99	(23.79 - 32.62)	17.11	(13.80 - 21.02)
Region 5	26.19	(22.88 - 29.78)	15.75	(13.00 - 18.96)
Region 6 (Santa Clara)	24.25	(20.44 - 28.51)	15.01	(11.88 - 18.79)
Region 7	29.24	(24.68 - 34.25)	19.07	(15.40 - 23.37)
Region 8	25.42	(21.82 - 29.39)	16.38	(13.44 - 19.81)
Region 9	28.02	(23.68 - 32.81)	19.73	(16.07 - 23.98)
Region 10	29.93	(25.79 - 34.43)	20.39	(16.77 - 24.56)
Region 11 (Los Angeles)	22.70	(20.56 - 25.00)	13.78	(12.08 - 15.69)
Region 12	24.72	(21.28 - 28.51)	18.02	(15.10 - 21.36)
Region 13 (Riverside)	26.50	(22.76 - 30.60)	18.37	(15.31 - 21.89)
Region 14 (Orange)	25.17	(21.88 - 28.79)	16.45	(13.69 - 19.63)
Region 15	27.47	(24.21 - 30.98)	17.72	(14.95 - 20.88)

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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Colorado</b>	32.38	(29.92 - 34.95)	21.06	(18.95 - 23.34)
Region 1	35.01	(30.33 - 40.00)	22.50	(18.35 - 27.27)
Regions 2 and 7	32.39	(29.11 - 35.86)	20.57	(17.78 - 23.68)
Region 3	32.50	(28.26 - 37.05)	21.51	(17.82 - 25.73)
Region 4	29.97	(24.92 - 35.56)	20.32	(16.21 - 25.15)
Regions 5 and 6	30.03	(25.04 - 35.53)	21.37	(17.16 - 26.29)
<b>Connecticut</b>	32.31	(29.95 - 34.77)	21.34	(19.32 - 23.52)
Eastern	32.58	(27.75 - 37.81)	22.14	(18.22 - 26.62)
North Central	29.97	(26.22 - 34.00)	19.03	(15.82 - 22.72)
Northwestern	34.88	(30.32 - 39.74)	24.09	(20.55 - 28.02)
South Central	33.04	(29.06 - 37.28)	22.43	(18.98 - 26.29)
Southwest	32.30	(28.19 - 36.70)	20.26	(16.85 - 24.15)
<b>Delaware</b>	29.61	(27.20 - 32.14)	18.94	(16.90 - 21.16)
Kent	30.10	(26.24 - 34.27)	17.89	(14.64 - 21.68)
New Castle (excluding Wilmington City)	31.35	(28.20 - 34.69)	20.71	(18.02 - 23.69)
Sussex	25.87	(21.96 - 30.22)	18.07	(14.78 - 21.90)
Wilmington City	26.29	(21.53 - 31.68)	13.05	(9.87 - 17.06)
<b>District of Columbia</b>	30.50	(27.83 - 33.30)	18.99	(16.78 - 21.42)
Ward 1	30.17	(24.59 - 36.42)	16.68	(12.55 - 21.82)
Ward 2	53.21	(47.86 - 58.49)	39.01	(33.34 - 44.99)
Ward 3	52.04	(46.01 - 58.00)	37.34	(30.69 - 44.52)
Ward 4	25.00	(20.67 - 29.90)	15.34	(11.93 - 19.51)
Ward 5	26.22	(21.73 - 31.26)	14.81	(11.53 - 18.81)
Ward 6	26.03	(20.85 - 31.98)	15.23	(11.56 - 19.80)
Ward 7	18.85	(15.21 - 23.12)	8.72	(6.49 - 11.62)
Ward 8	19.35	(15.81 - 23.45)	10.39	(7.95 - 13.47)

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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Florida</b>	27.41	(26.19 - 28.66)	17.68	(16.67 - 18.74)
Region A	30.22	(27.39 - 33.20)	20.64	(18.30 - 23.19)
Circuit 1	28.82	(24.54 - 33.51)	19.61	(16.13 - 23.64)
Circuit 2	33.38	(29.07 - 37.98)	22.92	(19.38 - 26.89)
Circuit 14	28.25	(23.39 - 33.66)	19.24	(15.45 - 23.70)
Region B	28.95	(26.50 - 31.53)	19.47	(17.44 - 21.68)
Circuits 3 and 8	32.81	(28.39 - 37.56)	21.91	(18.38 - 25.90)
Circuit 4	26.03	(22.69 - 29.68)	17.44	(14.79 - 20.44)
Circuit 7	30.01	(25.67 - 34.75)	20.46	(17.00 - 24.42)
Region C	27.41	(25.48 - 29.43)	17.57	(15.93 - 19.33)
Circuit 5	26.51	(22.85 - 30.54)	16.95	(14.01 - 20.35)
Circuit 9	25.88	(22.67 - 29.37)	15.53	(12.93 - 18.56)
Circuit 10	27.07	(22.78 - 31.84)	17.88	(14.44 - 21.92)
Circuit 18	30.87	(27.09 - 34.93)	20.66	(17.45 - 24.28)
Circuit 19	27.05	(22.80 - 31.78)	18.02	(14.54 - 22.12)
Region D	25.42	(23.60 - 27.33)	15.52	(14.10 - 17.04)
Circuits 11 and 16	23.30	(20.54 - 26.30)	13.16	(11.07 - 15.57)
Circuit 15 (Palm Beach)	28.54	(25.27 - 32.06)	18.89	(16.33 - 21.74)
Circuit 17 (Broward)	26.66	(23.81 - 29.72)	16.96	(14.63 - 19.58)
Region E	27.96	(25.92 - 30.09)	18.40	(16.70 - 20.24)
Circuit 6	26.37	(22.90 - 30.15)	18.48	(15.46 - 21.93)
Circuit 12	31.86	(27.45 - 36.61)	20.51	(16.97 - 24.56)
Circuit 13 (Hillsborough)	24.64	(21.11 - 28.56)	15.93	(13.19 - 19.11)
Circuit 20	32.11	(28.00 - 36.53)	20.42	(17.05 - 24.26)
<b>Georgia</b>	23.81	(21.64 - 26.12)	15.10	(13.41 - 16.96)
Region 1	24.35	(20.34 - 28.87)	15.36	(12.25 - 19.08)
Region 2	25.08	(21.27 - 29.32)	16.38	(13.37 - 19.90)
Region 3	23.20	(20.03 - 26.70)	14.67	(12.12 - 17.66)
Region 4	23.25	(19.24 - 27.81)	14.94	(11.86 - 18.64)
Region 5	24.15	(20.06 - 28.77)	14.83	(11.58 - 18.79)
<b>Hawaii</b>	23.81	(21.50 - 26.29)	17.03	(14.98 - 19.29)
Hawaii Island	24.16	(20.05 - 28.81)	18.94	(15.23 - 23.31)
Honolulu	23.82	(21.05 - 26.83)	16.48	(14.09 - 19.18)
Kauai and Maui**	23.49	(19.88 - 27.53)	17.82	(14.79 - 21.32)
Maui	23.04	(18.95 - 27.70)	17.50	(14.06 - 21.56)
<b>Idaho</b>	26.54	(24.30 - 28.90)	19.51	(17.60 - 21.57)
Region 1	27.17	(22.52 - 32.38)	19.52	(15.71 - 24.00)
Region 2	34.23	(28.91 - 39.97)	26.18	(21.35 - 31.67)
Region 3	25.21	(21.20 - 29.69)	17.33	(13.98 - 21.27)
Region 4	29.95	(26.10 - 34.11)	21.76	(18.36 - 25.59)
Region 5	26.60	(22.13 - 31.60)	19.06	(15.25 - 23.55)
Region 6	24.61	(20.27 - 29.52)	18.85	(15.24 - 23.08)
Region 7	19.61	(15.57 - 24.38)	15.65	(12.07 - 20.05)

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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Illinois</b>	28.62	(27.39 - 29.87)	19.57	(18.49 - 20.70)
Region I (Cook)	28.49	(26.50 - 30.57)	18.23	(16.56 - 20.02)
Region II	28.52	(26.58 - 30.56)	19.84	(18.08 - 21.73)
Region III	28.74	(25.66 - 32.03)	21.13	(18.42 - 24.12)
Region IV	30.40	(26.92 - 34.11)	22.22	(19.11 - 25.67)
Region V	27.93	(24.92 - 31.15)	20.60	(17.91 - 23.58)
<b>Indiana</b>	27.54	(25.40 - 29.80)	19.05	(17.30 - 20.93)
Central	25.91	(22.28 - 29.91)	16.25	(13.32 - 19.68)
East	25.50	(20.92 - 30.69)	17.92	(14.09 - 22.51)
North Central	27.73	(23.51 - 32.38)	18.35	(14.77 - 22.56)
Northeast	25.41	(21.25 - 30.06)	18.18	(14.70 - 22.27)
Northwest	26.80	(22.72 - 31.31)	18.15	(14.80 - 22.06)
Southeast	28.38	(23.73 - 33.55)	19.38	(15.46 - 24.01)
Southwest	27.53	(22.73 - 32.90)	20.39	(16.20 - 25.33)
West	33.51	(29.22 - 38.08)	26.29	(22.27 - 30.76)
<b>Iowa</b>	32.96	(30.71 - 35.30)	25.18	(23.07 - 27.42)
Central	33.03	(28.66 - 37.72)	25.14	(21.08 - 29.70)
North Central	32.92	(28.24 - 37.96)	26.41	(21.94 - 31.43)
Northeast	38.32	(34.33 - 42.47)	29.31	(25.66 - 33.26)
Northwest	30.66	(26.29 - 35.40)	22.58	(18.72 - 26.97)
Southeast	29.86	(25.55 - 34.56)	22.41	(18.51 - 26.87)
Southwest	30.01	(25.29 - 35.19)	23.71	(19.55 - 28.44)
<b>Kansas</b>	32.72	(30.30 - 35.24)	24.82	(22.61 - 27.17)
Kansas City Metro	35.18	(31.23 - 39.35)	25.79	(22.23 - 29.70)
Northeast	34.37	(29.90 - 39.13)	28.42	(24.05 - 33.24)
South Central	27.79	(23.39 - 32.66)	22.27	(18.33 - 26.79)
Southeast	31.52	(25.65 - 38.05)	24.15	(19.18 - 29.93)
West	31.39	(26.39 - 36.85)	23.26	(18.76 - 28.45)
Wichita (Sedgwick)	31.73	(27.43 - 36.38)	22.26	(18.38 - 26.69)
<b>Kentucky</b>	28.42	(26.22 - 30.72)	18.98	(17.12 - 20.98)
Adanta, Cumberland River, and Lifeskills	26.92	(22.74 - 31.54)	18.07	(14.80 - 21.87)
Bluegrass, Comprehend, and North Key	29.77	(25.97 - 33.87)	19.00	(15.90 - 22.54)
Communicare and River Valley	27.90	(23.67 - 32.55)	19.29	(15.62 - 23.59)
Four Rivers and Pennyroyal	29.39	(24.64 - 34.63)	19.04	(15.15 - 23.66)
Kentucky River, Mountain, and Pathways	24.16	(20.16 - 28.67)	17.29	(13.93 - 21.25)
Seven Counties	30.08	(26.02 - 34.49)	20.46	(16.97 - 24.46)

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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Louisiana</b>	28.75	(26.51 - 31.09)	18.02	(16.24 - 19.95)
Region 1	25.79	(21.05 - 31.17)	15.54	(11.94 - 19.98)
Regions 2 and 9	30.89	(27.28 - 34.76)	18.98	(15.88 - 22.52)
Region 3	29.00	(24.36 - 34.13)	19.46	(15.71 - 23.87)
Region 4	28.61	(24.23 - 33.43)	18.10	(14.75 - 22.00)
Regions 5 and 6	29.79	(25.25 - 34.77)	19.55	(15.79 - 23.95)
Regions 7 and 8	26.02	(22.19 - 30.26)	16.41	(13.39 - 19.96)
Region 10 (Jefferson)	31.35	(26.35 - 36.82)	18.57	(14.62 - 23.29)
<b>Maine</b>	31.36	(29.13 - 33.68)	21.41	(19.50 - 23.46)
Aroostook/Downeast	29.95	(25.29 - 35.07)	21.29	(17.29 - 25.93)
Central	29.56	(25.17 - 34.36)	20.40	(16.72 - 24.64)
Cumberland	34.47	(30.42 - 38.76)	23.57	(20.01 - 27.55)
Midcoast	30.20	(25.52 - 35.32)	19.11	(15.18 - 23.76)
Penquis	34.53	(30.04 - 39.32)	24.23	(20.22 - 28.76)
Western	29.37	(24.77 - 34.44)	20.13	(16.38 - 24.50)
York	29.84	(25.63 - 34.42)	19.90	(16.39 - 23.94)
<b>Maryland</b>	26.50	(24.43 - 28.68)	15.82	(14.22 - 17.57)
Anne Arundel	29.82	(25.18 - 34.91)	19.16	(15.50 - 23.44)
Baltimore City	23.95	(19.86 - 28.58)	12.75	(9.91 - 16.26)
Baltimore County	26.80	(22.65 - 31.40)	15.30	(12.25 - 18.94)
Montgomery	28.23	(23.98 - 32.90)	15.78	(12.70 - 19.43)
North Central	30.68	(25.98 - 35.83)	19.33	(15.45 - 23.91)
Northeast	29.40	(24.75 - 34.51)	19.75	(15.82 - 24.37)
Prince George's	19.94	(16.62 - 23.74)	10.81	(8.41 - 13.78)
South	27.90	(23.72 - 32.49)	18.44	(14.90 - 22.59)
West	27.51	(22.98 - 32.56)	17.27	(13.72 - 21.51)
<b>Massachusetts</b>	33.26	(30.90 - 35.70)	24.25	(22.19 - 26.44)
Boston	32.44	(27.51 - 37.80)	20.73	(16.63 - 25.53)
Central	33.20	(28.72 - 38.01)	26.30	(22.30 - 30.74)
Metrowest	33.32	(29.28 - 37.62)	24.35	(20.63 - 28.49)
Northeast	32.75	(28.60 - 37.19)	23.84	(19.84 - 28.36)
Southeast	33.57	(29.33 - 38.09)	22.96	(19.28 - 27.10)
Western	34.17	(29.99 - 38.62)	27.55	(23.62 - 31.87)

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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Michigan</b>	29.01	(27.84 - 30.20)	19.97	(18.95 - 21.04)
Bay	31.08	(26.85 - 35.65)	22.18	(18.65 - 26.17)
Detroit City	19.05	(16.40 - 22.02)	10.96	(8.98 - 13.32)
Genesee	27.69	(24.15 - 31.53)	19.00	(16.05 - 22.34)
Kalamazoo	29.56	(26.15 - 33.22)	20.38	(17.37 - 23.76)
Kent	30.26	(26.88 - 33.87)	20.51	(17.45 - 23.96)
Lakeshore	28.87	(25.55 - 32.43)	19.90	(17.16 - 22.97)
Macomb	31.98	(28.61 - 35.56)	21.71	(18.81 - 24.92)
Mid South	32.18	(29.05 - 35.49)	23.26	(20.57 - 26.18)
Northern	29.13	(25.98 - 32.49)	21.34	(18.46 - 24.55)
Oakland	30.03	(27.21 - 32.99)	20.03	(17.53 - 22.80)
Pathways	34.19	(29.38 - 39.35)	26.17	(21.89 - 30.96)
Saginaw	29.63	(25.04 - 34.67)	19.51	(15.76 - 23.91)
Southeast	28.58	(25.88 - 31.43)	20.19	(17.70 - 22.93)
St. Clair	30.64	(26.29 - 35.36)	21.43	(17.65 - 25.77)
Washtenaw	31.52	(27.85 - 35.45)	20.95	(17.59 - 24.76)
Western	30.33	(25.24 - 35.95)	23.01	(18.76 - 27.88)
<b>Minnesota</b>	30.80	(28.56 - 33.14)	22.06	(19.98 - 24.28)
Regions 1 and 2	32.99	(28.07 - 38.32)	26.17	(21.60 - 31.33)
Regions 3 and 4	30.28	(26.15 - 34.75)	22.49	(18.69 - 26.81)
Regions 5 and 6	33.49	(29.10 - 38.18)	25.02	(21.04 - 29.46)
Region 7A (Hennepin)	30.00	(26.05 - 34.28)	19.55	(16.30 - 23.27)
Region 7B (Ramsey)	28.30	(23.81 - 33.27)	18.96	(15.27 - 23.28)
Region 7C	29.52	(25.74 - 33.61)	20.64	(17.16 - 24.61)
<b>Mississippi</b>	23.32	(21.21 - 25.57)	15.17	(13.53 - 16.97)
Region 1	22.09	(18.22 - 26.52)	14.11	(11.11 - 17.75)
Region 2	22.01	(18.06 - 26.53)	13.82	(10.85 - 17.43)
Region 3	23.17	(19.23 - 27.63)	14.87	(11.81 - 18.54)
Region 4	23.65	(19.60 - 28.24)	14.50	(11.45 - 18.19)
Region 5	20.54	(16.51 - 25.25)	12.90	(9.88 - 16.68)
Region 6	23.12	(18.78 - 28.11)	15.92	(12.66 - 19.83)
Region 7	27.22	(23.27 - 31.55)	19.37	(16.05 - 23.17)
<b>Missouri</b>	31.40	(29.18 - 33.70)	21.77	(19.87 - 23.81)
Central	33.01	(28.55 - 37.80)	23.83	(20.14 - 27.97)
Eastern	32.36	(29.19 - 35.70)	22.14	(19.40 - 25.14)
Eastern (St. Louis City and County)	30.56	(26.68 - 34.73)	20.35	(17.14 - 23.97)
Eastern (excluding St. Louis)	35.61	(30.74 - 40.79)	25.37	(21.26 - 29.98)
Northwest	30.55	(26.83 - 34.55)	21.83	(18.61 - 25.43)
Northwest (Jackson)	28.07	(23.17 - 33.55)	18.57	(14.81 - 23.03)
Northwest (excluding Jackson)	32.67	(27.76 - 37.99)	24.61	(20.17 - 29.66)
Southeast	31.77	(27.30 - 36.60)	20.57	(17.02 - 24.65)
Southwest	28.65	(24.44 - 33.26)	19.82	(16.10 - 24.15)

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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Montana</b>	35.01	(32.65 - 37.44)	27.15	(25.01 - 29.40)
Region 1	33.58	(28.55 - 39.02)	26.10	(21.57 - 31.21)
Region 2	32.43	(27.72 - 37.54)	24.26	(20.08 - 28.98)
Region 3	35.04	(30.80 - 39.53)	27.09	(23.18 - 31.40)
Region 4	36.35	(32.68 - 40.19)	28.06	(24.79 - 31.57)
Region 5	35.60	(31.61 - 39.81)	28.23	(24.51 - 32.28)
<b>Nebraska</b>	33.03	(30.71 - 35.43)	23.86	(21.89 - 25.96)
Regions 1 and 2	33.49	(28.51 - 38.87)	24.02	(19.70 - 28.94)
Region 3	32.80	(27.90 - 38.10)	22.91	(18.78 - 27.63)
Region 4	31.15	(26.75 - 35.92)	24.04	(20.08 - 28.51)
Region 5	37.00	(33.14 - 41.03)	28.62	(24.97 - 32.57)
Region 6	31.04	(27.69 - 34.61)	20.98	(18.06 - 24.23)
<b>Nevada</b>	25.79	(23.40 - 28.34)	17.59	(15.48 - 19.93)
Clark	24.19	(21.36 - 27.26)	15.75	(13.31 - 18.55)
Rural	29.26	(25.11 - 33.78)	21.47	(17.62 - 25.90)
Washoe	29.45	(25.15 - 34.15)	21.92	(17.95 - 26.48)
<b>New Hampshire</b>	32.98	(30.77 - 35.28)	23.47	(21.51 - 25.55)
Central	33.63	(30.28 - 37.14)	24.14	(21.10 - 27.47)
Central 1	33.74	(29.25 - 38.54)	25.16	(21.05 - 29.78)
Central 2	33.51	(29.10 - 38.22)	23.05	(19.27 - 27.31)
Northern	36.99	(32.43 - 41.80)	28.86	(24.58 - 33.54)
Southern	31.78	(29.10 - 34.58)	21.94	(19.58 - 24.50)
Southern 1 (Rockingham)	32.19	(28.26 - 36.37)	21.88	(18.45 - 25.74)
Southern 2	31.54	(28.35 - 34.93)	21.98	(19.04 - 25.22)
<b>New Jersey</b>	30.72	(28.27 - 33.29)	19.44	(17.48 - 21.56)
Central	30.73	(26.64 - 35.14)	21.07	(17.61 - 25.00)
Metropolitan	29.61	(25.47 - 34.11)	17.26	(14.19 - 20.83)
Northern	30.22	(26.45 - 34.28)	18.60	(15.57 - 22.05)
Southern	32.62	(28.47 - 37.08)	21.36	(18.04 - 25.11)
<b>New Mexico</b>	28.59	(26.29 - 31.00)	19.37	(17.36 - 21.56)
Region 1	24.84	(20.95 - 29.19)	18.16	(14.75 - 22.17)
Region 2	30.33	(25.56 - 35.57)	20.52	(16.32 - 25.48)
Region 3 (Bernalillo)	29.35	(25.67 - 33.31)	19.10	(16.00 - 22.64)
Region 4	28.04	(23.54 - 33.02)	18.70	(15.00 - 23.06)
Region 5	30.57	(26.40 - 35.09)	20.60	(17.13 - 24.57)

**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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>New York</b>	31.41	(30.12 - 32.73)	20.75	(19.60 - 21.95)
Region A	26.64	(24.75 - 28.62)	16.11	(14.51 - 17.86)
Region 1	26.05	(22.15 - 30.37)	14.20	(11.37 - 17.59)
Region 2	25.30	(22.41 - 28.42)	15.58	(13.19 - 18.31)
Region 3	34.78	(30.43 - 39.40)	22.62	(18.86 - 26.88)
Region 4	24.61	(21.22 - 28.35)	14.75	(12.05 - 17.93)
Region B	33.41	(31.14 - 35.76)	22.09	(20.13 - 24.18)
Region 5	33.86	(30.76 - 37.10)	21.99	(19.30 - 24.95)
Region 6	32.57	(28.75 - 36.64)	21.75	(18.47 - 25.42)
Region 7	33.25	(29.03 - 37.75)	22.85	(19.48 - 26.61)
Region C	35.65	(33.82 - 37.53)	25.32	(23.59 - 27.13)
Region 8	37.36	(33.45 - 41.44)	27.42	(23.76 - 31.41)
Region 9	34.88	(31.27 - 38.66)	24.71	(21.48 - 28.26)
Region 10	35.13	(31.10 - 39.38)	24.64	(20.99 - 28.70)
Region 11	31.59	(28.10 - 35.30)	22.38	(19.19 - 25.93)
Region 12	39.06	(35.44 - 42.79)	27.22	(23.94 - 30.77)
Region D	35.32	(32.58 - 38.16)	24.98	(22.37 - 27.80)
Region 13	33.40	(28.58 - 38.59)	23.31	(19.38 - 27.77)
Region 14	35.04	(30.31 - 40.09)	26.55	(22.17 - 31.43)
Region 15	37.21	(32.95 - 41.68)	24.92	(20.94 - 29.39)
<b>North Carolina</b>	23.73	(21.66 - 25.93)	15.24	(13.52 - 17.13)
Eastern	24.69	(21.04 - 28.75)	16.14	(13.18 - 19.61)
North Central	22.46	(18.74 - 26.68)	13.88	(11.07 - 17.25)
South Central	22.62	(19.16 - 26.50)	14.28	(11.60 - 17.46)
Western	24.93	(21.78 - 28.37)	16.43	(13.85 - 19.38)
<b>North Dakota</b>	39.26	(36.81 - 41.76)	30.11	(27.89 - 32.41)
Badlands and West Central Lake Region and South Central	37.64	(33.53 - 41.94)	29.32	(25.52 - 33.44)
North Central and Northwest	30.84	(26.41 - 35.65)	24.70	(20.40 - 29.56)
Northeast	37.93	(33.35 - 42.73)	29.54	(25.39 - 34.06)
Southeast	43.50	(38.92 - 48.19)	33.26	(28.58 - 38.30)
Southeast	44.13	(40.18 - 48.16)	32.56	(28.83 - 36.52)

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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	29.80	(28.64 - 30.99)	21.15	(20.11 - 22.22)
Boards 2, 46, 55, and 68	28.13	(24.30 - 32.30)	20.01	(16.52 - 24.02)
Boards 3, 52, and 85	28.88	(24.87 - 33.25)	20.48	(16.92 - 24.58)
Boards 4 and 78	29.77	(25.55 - 34.36)	21.46	(17.99 - 25.38)
Boards 5 and 60	29.83	(25.87 - 34.11)	23.37	(19.72 - 27.47)
Boards 7, 15, 41, 79, and 84	30.38	(26.16 - 34.97)	22.32	(18.75 - 26.36)
Boards 8, 13, and 83	29.58	(25.47 - 34.05)	19.75	(16.23 - 23.81)
Board 9 (Butler)	31.03	(26.80 - 35.60)	23.72	(19.94 - 27.97)
Board 12	26.57	(22.68 - 30.87)	19.74	(16.12 - 23.94)
Boards 18 and 47	28.41	(25.66 - 31.34)	20.34	(17.96 - 22.95)
Boards 20, 32, 54, and 69	31.90	(27.60 - 36.52)	23.29	(19.40 - 27.69)
Boards 21, 39, 51, 70, and 80	30.33	(26.53 - 34.41)	20.93	(17.60 - 24.71)
Boards 22, 74, and 87	34.26	(29.79 - 39.03)	26.69	(22.58 - 31.25)
Boards 23 and 45	30.20	(26.22 - 34.50)	23.67	(19.99 - 27.80)
Board 25 (Franklin)	30.78	(27.80 - 33.92)	21.29	(18.67 - 24.17)
Boards 27, 71, and 73	25.22	(21.30 - 29.60)	18.19	(14.96 - 21.92)
Boards 28, 43, and 67	34.32	(30.23 - 38.65)	25.45	(21.78 - 29.50)
Board 31 (Hamilton)	31.17	(27.72 - 34.83)	20.38	(17.53 - 23.55)
Board 48 (Lucas)	29.61	(26.08 - 33.41)	19.84	(16.90 - 23.15)
Boards 50 and 76	30.15	(26.61 - 33.95)	20.94	(17.79 - 24.47)
Board 57 (Montgomery)	27.15	(23.43 - 31.22)	17.61	(14.52 - 21.21)
Board 77 (Summit)	29.76	(25.92 - 33.90)	19.96	(16.74 - 23.61)
<b>Oklahoma</b>	25.74	(23.47 - 28.15)	18.33	(16.34 - 20.50)
Central	25.76	(21.47 - 30.58)	19.60	(15.92 - 23.89)
East Central	24.13	(19.83 - 29.02)	17.38	(13.59 - 21.95)
Northeast	26.12	(21.79 - 30.97)	18.96	(15.19 - 23.41)
Northwest and Southwest	28.73	(24.13 - 33.82)	20.21	(16.26 - 24.84)
Oklahoma County	23.71	(19.53 - 28.47)	16.43	(13.02 - 20.53)
Southeast	24.14	(19.81 - 29.06)	16.78	(13.31 - 20.95)
Tulsa County	27.45	(23.28 - 32.05)	19.30	(15.77 - 23.40)
<b>Oregon</b>	29.65	(27.25 - 32.17)	19.53	(17.48 - 21.77)
Region 1 (Multnomah)	30.49	(26.25 - 35.10)	19.52	(15.97 - 23.65)
Region 2	28.53	(24.56 - 32.87)	18.02	(14.73 - 21.85)
Region 3	29.62	(26.08 - 33.42)	20.38	(17.26 - 23.90)
Region 4	29.27	(24.35 - 34.73)	18.92	(15.02 - 23.54)
Region 5	31.09	(25.94 - 36.75)	20.80	(16.51 - 25.86)

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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Pennsylvania</b>	29.51	(28.31 - 30.73)	20.46	(19.36 - 21.60)
Region 1 (Allegheny)	33.86	(30.56 - 37.32)	22.74	(19.88 - 25.88)
Regions 2, 3, 8, and 9	32.04	(28.27 - 36.06)	23.62	(20.36 - 27.22)
Regions 4, 11, 37, and 49	29.57	(26.22 - 33.16)	20.21	(17.14 - 23.69)
Regions 5, 18, 23, 24, and 46	25.21	(21.69 - 29.10)	16.88	(13.91 - 20.34)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	33.60	(30.46 - 36.89)	25.86	(22.83 - 29.13)
Regions 7, 13, 20, and 33	32.28	(29.76 - 34.92)	23.07	(20.73 - 25.58)
Regions 10, 14, 15, 27, 32, 43, and 44	27.94	(24.18 - 32.04)	19.81	(16.37 - 23.77)
Regions 17 and 21	33.07	(28.86 - 37.58)	23.72	(20.07 - 27.81)
Regions 19, 26, 28, and 42	27.86	(25.14 - 30.75)	17.84	(15.54 - 20.40)
Regions 22, 38, 40, 41, and 48	28.30	(24.76 - 32.12)	19.97	(16.88 - 23.46)
Regions 25 and 30	30.32	(26.26 - 34.72)	22.22	(18.77 - 26.11)
Regions 29 and 34	28.33	(24.22 - 32.83)	19.43	(15.84 - 23.60)
Region 36 (Philadelphia)	22.90	(20.06 - 26.01)	14.35	(12.16 - 16.87)
<b>Rhode Island</b>	36.42	(33.89 - 39.04)	25.03	(22.82 - 27.39)
Bristol and Newport	38.39	(33.37 - 43.67)	29.34	(24.62 - 34.56)
Kent	32.99	(28.07 - 38.31)	22.48	(18.42 - 27.15)
Providence	36.09	(32.88 - 39.43)	23.74	(20.96 - 26.75)
Washington	39.80	(35.28 - 44.50)	29.78	(25.60 - 34.34)
<b>South Carolina</b>	23.39	(21.29 - 25.63)	15.35	(13.67 - 17.20)
Region 1	22.12	(18.63 - 26.05)	14.47	(11.77 - 17.65)
Region 2	25.24	(21.91 - 28.88)	16.71	(13.97 - 19.86)
Region 3	19.86	(16.28 - 23.99)	12.92	(10.22 - 16.21)
Region 4	24.77	(21.29 - 28.61)	16.22	(13.38 - 19.52)
<b>South Dakota</b>	36.34	(33.99 - 38.75)	25.76	(23.69 - 27.94)
Region 1	36.93	(32.13 - 42.01)	27.46	(23.00 - 32.44)
Region 2	37.39	(33.44 - 41.51)	26.59	(22.96 - 30.57)
Region 3	38.72	(34.36 - 43.26)	26.49	(22.70 - 30.67)
Region 4	37.74	(32.54 - 43.23)	27.52	(22.92 - 32.64)
Region 5	38.26	(33.21 - 43.57)	27.59	(23.19 - 32.48)
Region 6	32.62	(27.80 - 37.84)	22.81	(18.48 - 27.82)
Region 7	31.37	(26.93 - 36.18)	21.25	(17.37 - 25.71)
<b>Tennessee</b>	23.69	(21.53 - 26.00)	14.52	(12.84 - 16.37)
Region 1	25.22	(20.51 - 30.59)	14.60	(11.15 - 18.88)
Region 2	23.72	(19.81 - 28.13)	14.11	(11.15 - 17.69)
Region 3	24.83	(20.94 - 29.18)	16.29	(13.09 - 20.09)
Region 4 (Davidson)	24.55	(20.07 - 29.65)	13.11	(10.07 - 16.88)
Region 5	24.72	(20.94 - 28.93)	16.02	(13.03 - 19.54)
Region 6	22.15	(17.92 - 27.04)	14.09	(10.92 - 18.01)
Region 7 (Shelby)	20.92	(17.26 - 25.13)	12.13	(9.51 - 15.34)

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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Texas</b>	26.90	(25.66 - 28.19)	17.34	(16.32 - 18.41)
Region 1	31.61	(27.47 - 36.05)	22.40	(18.78 - 26.50)
Region 2	29.59	(25.05 - 34.59)	19.02	(15.21 - 23.53)
Region 3	24.88	(22.79 - 27.10)	16.53	(14.78 - 18.45)
Region 3a	23.93	(21.40 - 26.66)	14.84	(12.68 - 17.28)
Region 3bc	26.55	(23.43 - 29.93)	19.50	(16.71 - 22.64)
Region 4	26.33	(22.43 - 30.64)	17.89	(14.79 - 21.47)
Region 5	26.27	(22.41 - 30.54)	16.51	(13.26 - 20.38)
Region 6	25.32	(23.18 - 27.58)	15.03	(13.34 - 16.89)
Region 6a	25.10	(22.79 - 27.56)	14.56	(12.75 - 16.58)
Region 6bc	27.18	(23.17 - 31.59)	19.02	(15.54 - 23.07)
Region 7	30.51	(27.59 - 33.60)	18.94	(16.56 - 21.56)
Region 7a	30.16	(26.36 - 34.26)	18.39	(15.24 - 22.01)
Region 7bcd	30.97	(27.00 - 35.24)	19.67	(16.49 - 23.29)
Region 8	28.73	(25.51 - 32.18)	19.24	(16.48 - 22.35)
Region 9	26.86	(22.39 - 31.86)	18.32	(14.78 - 22.49)
Region 10	27.28	(23.12 - 31.88)	18.85	(15.27 - 23.05)
Region 11	27.62	(24.43 - 31.05)	17.95	(15.40 - 20.81)
Region 11abd	29.80	(25.50 - 34.49)	19.45	(16.12 - 23.28)
Region 11c (Hidalgo)	23.70	(19.76 - 28.14)	15.25	(12.17 - 18.94)
<b>Utah</b>	20.22	(17.80 - 22.88)	15.18	(13.18 - 17.41)
Bear River, Northeastern, Summit, Tooele, and Wasatch	22.20	(17.58 - 27.63)	17.16	(13.24 - 21.95)
Central, Four Corners, San Juan, and Southwest	16.68	(12.79 - 21.45)	13.97	(10.59 - 18.21)
Davis County	20.86	(16.39 - 26.16)	17.09	(13.28 - 21.72)
Salt Lake County	22.95	(19.47 - 26.84)	15.88	(12.99 - 19.27)
Utah County	14.53	(11.01 - 18.93)	11.36	(8.51 - 15.00)
Weber, Morgan	22.65	(18.01 - 28.08)	17.22	(13.42 - 21.82)
<b>Vermont</b>	36.11	(33.87 - 38.42)	26.10	(24.06 - 28.25)
Champlain Valley	38.82	(35.73 - 42.01)	28.88	(25.93 - 32.02)
Rural Northeast	34.22	(30.17 - 38.52)	25.02	(21.23 - 29.23)
Rural Southeast	34.04	(29.87 - 38.47)	23.40	(19.85 - 27.37)
Rural Southwest	34.38	(29.82 - 39.24)	23.75	(19.72 - 28.31)
<b>Virginia</b>	27.06	(24.90 - 29.33)	18.60	(16.81 - 20.54)
Region 1	30.42	(26.46 - 34.70)	22.18	(18.67 - 26.14)
Region 2	25.95	(22.38 - 29.87)	18.24	(15.16 - 21.78)
Region 3	29.19	(25.09 - 33.67)	20.79	(17.26 - 24.82)
Region 4	25.31	(21.61 - 29.40)	15.81	(12.92 - 19.19)
Region 5	25.63	(21.98 - 29.66)	17.00	(14.02 - 20.46)

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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Washington</b>	30.02	(27.70 - 32.43)	20.31	(18.39 - 22.37)
Region 1	33.09	(28.53 - 37.98)	22.28	(18.32 - 26.82)
Region 2	25.76	(21.03 - 31.14)	19.32	(15.30 - 24.11)
Region 3	29.45	(25.28 - 34.01)	21.75	(17.87 - 26.21)
Region 4 (King)	30.15	(26.32 - 34.28)	18.51	(15.57 - 21.86)
Region 5	29.73	(25.44 - 34.41)	19.75	(16.01 - 24.11)
Region 6	30.73	(26.36 - 35.47)	21.03	(17.42 - 25.16)
<b>West Virginia</b>	27.85	(25.65 - 30.16)	20.01	(18.12 - 22.03)
Eastern Highland	27.37	(23.69 - 31.38)	18.26	(15.02 - 22.01)
Northern	32.46	(28.96 - 36.16)	25.35	(22.30 - 28.66)
Northern A and B	29.69	(24.72 - 35.19)	21.23	(17.00 - 26.19)
Northern C and D	33.66	(29.53 - 38.05)	27.13	(23.38 - 31.24)
South Central	26.79	(23.68 - 30.14)	18.52	(16.05 - 21.27)
South Central I	25.23	(20.92 - 30.09)	17.79	(14.08 - 22.23)
South Central II	26.85	(22.22 - 32.05)	19.48	(15.63 - 23.99)
South Central III	27.75	(23.32 - 32.67)	18.28	(14.76 - 22.43)
Southern	23.42	(20.06 - 27.16)	16.87	(13.96 - 20.26)
Southern I and III	23.49	(19.33 - 28.24)	16.64	(13.11 - 20.90)
Southern II	23.28	(18.63 - 28.69)	17.33	(13.45 - 22.05)
<b>Wisconsin</b>	37.32	(34.98 - 39.72)	26.17	(23.98 - 28.49)
Milwaukee	32.32	(28.02 - 36.95)	20.86	(17.47 - 24.72)
Northeastern	39.75	(35.48 - 44.19)	26.05	(22.14 - 30.37)
Northern	37.33	(32.65 - 42.25)	25.91	(21.79 - 30.51)
Southeastern	39.62	(35.28 - 44.14)	29.21	(25.00 - 33.81)
Southern	35.86	(31.50 - 40.46)	25.22	(21.27 - 29.63)
Western	38.32	(33.45 - 43.43)	29.79	(25.16 - 34.88)
<b>Wyoming</b>	33.95	(31.44 - 36.54)	24.09	(21.83 - 26.50)
Judicial District 1 (Laramie)	34.24	(29.61 - 39.20)	22.59	(18.60 - 27.16)
Judicial District 2	39.16	(34.21 - 44.34)	28.02	(23.25 - 33.36)
Judicial District 3	32.92	(28.43 - 37.74)	24.13	(20.01 - 28.80)
Judicial District 4	31.47	(25.96 - 37.56)	23.61	(18.74 - 29.27)
Judicial District 5	33.99	(29.11 - 39.23)	23.50	(18.94 - 28.77)
Judicial District 6	32.94	(27.94 - 38.36)	24.55	(19.96 - 29.81)
Judicial District 7 (Natrona)	34.24	(29.53 - 39.29)	23.67	(19.39 - 28.57)
Judicial District 8	33.61	(28.63 - 38.98)	23.55	(19.24 - 28.49)
Judicial District 9	32.01	(27.01 - 37.47)	23.34	(18.83 - 28.56)

\*\* A separate Kauai estimate is not being reported because of low precision. See Table D12 of Section D for more details.

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.

<sup>1</sup> 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, 2004, 2005, and 2006.

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Total United States</b>	25.00	(24.53 - 25.48)	29.49	(29.02 - 29.96)	74.13	(73.70 - 74.56)
<b>Northeast</b>	24.22	(23.47 - 24.99)	28.22	(27.42 - 29.03)	75.57	(74.82 - 76.30)
<b>Midwest</b>	27.52	(26.86 - 28.19)	32.39	(31.73 - 33.06)	71.64	(71.01 - 72.27)
<b>South</b>	26.37	(25.72 - 27.03)	31.48	(30.82 - 32.14)	73.25	(72.62 - 73.87)
<b>West</b>	21.02	(20.26 - 21.79)	24.53	(23.74 - 25.34)	76.80	(76.03 - 77.56)
<b>Alabama</b>	28.21	(26.01 - 30.52)	34.40	(31.96 - 36.93)	71.55	(69.21 - 73.78)
Region 1	28.67	(25.28 - 32.31)	35.37	(31.57 - 39.37)	70.13	(66.52 - 73.50)
Region 2	29.06	(25.75 - 32.60)	35.24	(31.62 - 39.05)	71.88	(68.45 - 75.08)
Region 3	25.55	(22.03 - 29.41)	31.03	(27.01 - 35.37)	72.05	(68.28 - 75.53)
Region 4	28.58	(25.10 - 32.34)	34.70	(30.86 - 38.75)	72.46	(68.87 - 75.79)
<b>Alaska</b>	25.38	(23.19 - 27.71)	30.87	(28.52 - 33.32)	71.15	(68.84 - 73.36)
Gulf Coast	25.19	(21.30 - 29.51)	30.24	(25.78 - 35.11)	69.63	(65.05 - 73.86)
Rural	29.59	(25.16 - 34.44)	38.59	(32.90 - 44.60)	64.24	(59.59 - 68.63)
Southeast	24.64	(20.83 - 28.88)	29.73	(25.63 - 34.19)	73.83	(69.70 - 77.58)
Urban	24.86	(22.32 - 27.57)	29.91	(27.23 - 32.73)	72.10	(69.42 - 74.63)
<b>Arizona</b>	23.35	(21.27 - 25.57)	27.40	(25.16 - 29.75)	75.88	(73.76 - 77.88)
Maricopa	22.92	(20.44 - 25.60)	27.06	(24.36 - 29.94)	76.80	(74.31 - 79.11)
Pima	23.90	(20.45 - 27.74)	27.80	(24.05 - 31.89)	76.13	(72.58 - 79.36)
Rural North	24.58	(20.99 - 28.56)	28.73	(24.70 - 33.13)	72.14	(68.07 - 75.88)
Rural South	23.61	(19.89 - 27.79)	27.24	(22.97 - 31.97)	74.60	(70.59 - 78.24)
<b>Arkansas</b>	28.36	(26.11 - 30.73)	35.05	(32.68 - 37.51)	71.81	(69.54 - 73.98)
Areas 1 and 2	26.12	(22.62 - 29.95)	32.33	(28.40 - 36.52)	71.96	(68.09 - 75.53)
Areas 3 and 4	31.33	(27.37 - 35.58)	38.04	(33.71 - 42.56)	70.82	(66.86 - 74.49)
Areas 5 and 6	29.25	(25.50 - 33.32)	36.66	(32.47 - 41.07)	70.02	(66.13 - 73.65)
Areas 7, 12, and 13	28.07	(24.12 - 32.39)	34.86	(30.61 - 39.37)	72.05	(68.30 - 75.52)
Areas 8, 10, and 11	28.04	(24.26 - 32.16)	35.38	(31.11 - 39.89)	72.95	(69.19 - 76.40)
Area 9	27.37	(23.86 - 31.18)	33.26	(29.36 - 37.40)	73.19	(69.70 - 76.41)
<b>California</b>	18.92	(17.83 - 20.05)	21.89	(20.72 - 23.11)	78.05	(76.87 - 79.18)
Region 1	25.88	(22.26 - 29.86)	31.08	(26.93 - 35.56)	72.96	(69.14 - 76.48)
Region 2	20.91	(18.35 - 23.71)	25.35	(22.59 - 28.32)	75.78	(72.89 - 78.45)
Region 3	21.27	(18.18 - 24.73)	25.01	(21.62 - 28.74)	75.76	(72.53 - 78.71)
Region 4	17.32	(14.81 - 20.16)	20.58	(17.73 - 23.76)	80.60	(77.73 - 83.18)
Region 5	17.27	(15.00 - 19.81)	20.47	(18.01 - 23.18)	78.60	(75.89 - 81.08)
Region 6 (Santa Clara)	16.10	(13.77 - 18.73)	18.29	(15.76 - 21.12)	79.32	(76.47 - 81.91)
Region 7	18.53	(15.61 - 21.84)	21.14	(18.07 - 24.58)	77.53	(74.22 - 80.53)
Region 8	18.21	(15.60 - 21.16)	21.33	(18.26 - 24.76)	76.36	(73.21 - 79.25)
Region 9	21.42	(18.32 - 24.88)	25.92	(22.40 - 29.78)	74.73	(71.25 - 77.92)
Region 10	17.41	(14.80 - 20.37)	20.72	(17.71 - 24.09)	78.83	(75.71 - 81.64)
Region 11 (Los Angeles)	18.40	(16.70 - 20.23)	20.19	(18.34 - 22.18)	79.29	(77.42 - 81.04)
Region 12	19.56	(16.94 - 22.47)	22.72	(19.90 - 25.80)	77.44	(74.58 - 80.07)
Region 13 (Riverside)	20.18	(17.29 - 23.41)	24.28	(21.12 - 27.74)	77.25	(74.32 - 79.94)
Region 14 (Orange)	18.45	(15.99 - 21.19)	21.58	(18.90 - 24.52)	78.19	(75.34 - 80.80)
Region 15	18.98	(16.76 - 21.41)	21.81	(19.34 - 24.50)	78.53	(76.07 - 80.80)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Colorado</b>	22.92	(20.97 - 25.00)	27.46	(25.33 - 29.71)	75.52	(73.36 - 77.55)
Region 1	22.96	(19.87 - 26.37)	28.95	(25.26 - 32.93)	74.54	(70.82 - 77.94)
Regions 2 and 7	22.54	(20.09 - 25.20)	26.31	(23.74 - 29.05)	76.65	(73.99 - 79.11)
Region 3	22.75	(19.40 - 26.48)	28.38	(24.61 - 32.48)	73.62	(69.91 - 77.03)
Region 4	24.79	(21.07 - 28.93)	30.27	(25.86 - 35.09)	74.16	(70.13 - 77.83)
Regions 5 and 6	24.05	(20.43 - 28.08)	28.95	(24.91 - 33.36)	74.06	(69.93 - 77.81)
<b>Connecticut</b>	22.21	(20.16 - 24.41)	26.27	(24.11 - 28.56)	76.28	(73.99 - 78.42)
Eastern	25.35	(21.72 - 29.35)	29.37	(25.41 - 33.67)	73.80	(69.78 - 77.47)
North Central	23.66	(20.41 - 27.25)	27.70	(24.31 - 31.36)	76.37	(72.99 - 79.44)
Northwestern	21.87	(18.72 - 25.39)	26.24	(22.62 - 30.21)	75.77	(71.96 - 79.21)
South Central	20.81	(17.90 - 24.06)	25.22	(22.06 - 28.68)	77.14	(73.79 - 80.18)
Southwest	20.20	(17.06 - 23.76)	23.60	(20.23 - 27.34)	77.08	(73.38 - 80.40)
<b>Delaware</b>	24.95	(22.91 - 27.11)	28.75	(26.59 - 31.00)	75.37	(73.16 - 77.45)
Kent	26.66	(23.21 - 30.42)	30.92	(27.21 - 34.89)	74.15	(70.59 - 77.41)
New Castle (excluding Wilmington City)	22.47	(20.04 - 25.11)	26.31	(23.78 - 29.00)	77.04	(74.39 - 79.49)
Sussex	29.05	(25.28 - 33.13)	32.70	(28.57 - 37.11)	71.76	(67.79 - 75.41)
Wilmington City	26.67	(22.59 - 31.18)	29.81	(25.36 - 34.67)	76.21	(72.23 - 79.78)
<b>District of Columbia</b>	24.72	(22.60 - 26.96)	27.86	(25.65 - 30.17)	78.02	(75.86 - 80.04)
Ward 1	27.33	(23.20 - 31.88)	28.73	(24.59 - 33.25)	78.59	(75.13 - 81.68)
Ward 2	26.31	(22.79 - 30.17)	29.64	(25.98 - 33.58)	79.62	(76.44 - 82.47)
Ward 3	21.52	(18.29 - 25.15)	24.55	(21.05 - 28.42)	80.74	(77.39 - 83.70)
Ward 4	19.41	(15.94 - 23.43)	22.64	(18.80 - 27.00)	79.89	(75.93 - 83.34)
Ward 5	23.47	(19.98 - 27.37)	27.65	(23.96 - 31.67)	75.73	(72.04 - 79.08)
Ward 6	25.26	(21.23 - 29.78)	29.36	(24.85 - 34.33)	78.25	(74.53 - 81.56)
Ward 7	25.37	(21.45 - 29.74)	28.55	(24.34 - 33.17)	74.92	(70.94 - 78.51)
Ward 8	31.02	(26.81 - 35.58)	33.69	(29.29 - 38.38)	74.31	(70.68 - 77.64)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Florida</b>	23.99	(22.75 - 25.27)	28.38	(27.11 - 29.69)	76.24	(75.00 - 77.45)
Region A	27.43	(24.86 - 30.17)	33.64	(30.86 - 36.54)	74.28	(71.98 - 76.46)
Circuit 1	27.70	(24.00 - 31.74)	33.63	(29.64 - 37.88)	74.08	(70.77 - 77.13)
Circuit 2	24.74	(21.38 - 28.44)	31.32	(27.52 - 35.40)	76.56	(73.29 - 79.55)
Circuit 14	30.54	(26.29 - 35.15)	36.89	(32.25 - 41.78)	71.59	(67.57 - 75.30)
Region B	26.49	(24.38 - 28.72)	31.51	(29.21 - 33.89)	74.70	(72.60 - 76.69)
Circuits 3 and 8	29.25	(25.61 - 33.18)	35.60	(31.59 - 39.82)	72.01	(68.57 - 75.21)
Circuit 4	26.06	(23.00 - 29.38)	30.76	(27.41 - 34.34)	75.76	(72.73 - 78.56)
Circuit 7	25.05	(21.72 - 28.69)	29.51	(25.78 - 33.55)	75.22	(71.84 - 78.32)
Region C	24.51	(22.72 - 26.38)	29.53	(27.66 - 31.48)	75.20	(73.42 - 76.89)
Circuit 5	23.98	(20.61 - 27.71)	29.83	(26.15 - 33.80)	74.76	(71.08 - 78.12)
Circuit 9	23.81	(20.97 - 26.91)	27.83	(24.83 - 31.05)	76.21	(73.34 - 78.86)
Circuit 10	26.61	(22.81 - 30.79)	31.68	(27.76 - 35.88)	71.68	(67.89 - 75.19)
Circuit 18	24.08	(21.08 - 27.35)	29.30	(26.02 - 32.81)	76.58	(73.51 - 79.39)
Circuit 19	25.10	(21.63 - 28.92)	30.64	(26.56 - 35.06)	75.61	(71.89 - 78.98)
Region D	20.82	(19.18 - 22.56)	23.75	(22.05 - 25.54)	78.66	(77.02 - 80.22)
Circuits 11 and 16	19.59	(17.34 - 22.04)	22.15	(19.77 - 24.73)	80.71	(78.41 - 82.81)
Circuit 15 (Palm Beach)	22.93	(20.10 - 26.02)	26.15	(23.08 - 29.48)	76.10	(72.95 - 78.99)
Circuit 17 (Broward)	21.11	(18.54 - 23.93)	24.36	(21.71 - 27.23)	77.53	(74.92 - 79.94)
Region E	25.19	(23.36 - 27.10)	29.95	(27.92 - 32.05)	75.56	(73.67 - 77.36)
Circuit 6	26.25	(23.10 - 29.66)	30.84	(27.42 - 34.48)	73.88	(70.50 - 77.00)
Circuit 12	22.46	(19.09 - 26.23)	27.04	(23.17 - 31.30)	76.89	(73.25 - 80.16)
Circuit 13 (Hillsborough)	25.50	(22.52 - 28.72)	30.24	(27.08 - 33.59)	76.75	(73.84 - 79.42)
Circuit 20	25.34	(22.04 - 28.94)	30.45	(26.91 - 34.24)	75.62	(72.32 - 78.65)
<b>Georgia</b>	24.62	(22.48 - 26.89)	30.40	(28.00 - 32.91)	75.36	(73.17 - 77.43)
Region 1	27.80	(23.85 - 32.13)	36.09	(31.68 - 40.75)	70.63	(66.57 - 74.40)
Region 2	25.58	(21.89 - 29.66)	31.44	(27.42 - 35.77)	74.62	(70.97 - 77.95)
Region 3	21.67	(19.03 - 24.57)	26.54	(23.45 - 29.88)	78.29	(75.50 - 80.84)
Region 4	27.69	(23.79 - 31.96)	32.75	(28.49 - 37.31)	75.63	(71.92 - 78.99)
Region 5	26.64	(22.98 - 30.65)	33.40	(29.12 - 37.97)	71.45	(67.47 - 75.13)
<b>Hawaii</b>	19.68	(17.62 - 21.92)	22.36	(20.13 - 24.77)	74.25	(71.76 - 76.59)
Hawaii Island	21.46	(17.78 - 25.67)	24.12	(20.20 - 28.52)	75.65	(71.48 - 79.39)
Honolulu	19.28	(17.01 - 21.78)	22.01	(19.47 - 24.78)	73.92	(71.06 - 76.59)
Kauai and Maui**	20.03	(17.01 - 23.44)	22.55	(19.33 - 26.14)	74.62	(70.90 - 78.02)
Maui	20.22	(16.80 - 24.13)	22.86	(19.16 - 27.03)	75.21	(70.94 - 79.04)
<b>Idaho</b>	22.97	(20.98 - 25.09)	27.18	(25.08 - 29.39)	73.94	(71.86 - 75.92)
Region 1	24.75	(21.16 - 28.72)	29.98	(25.97 - 34.32)	72.44	(68.53 - 76.04)
Region 2	23.36	(19.83 - 27.32)	28.76	(24.68 - 33.22)	74.88	(70.93 - 78.45)
Region 3	23.10	(19.81 - 26.75)	27.87	(24.36 - 31.68)	73.31	(69.79 - 76.56)
Region 4	23.86	(20.86 - 27.15)	27.70	(24.48 - 31.18)	74.82	(71.63 - 77.77)
Region 5	23.18	(19.65 - 27.14)	27.40	(23.57 - 31.60)	74.50	(70.73 - 77.93)
Region 6	22.03	(18.91 - 25.50)	25.27	(21.81 - 29.08)	72.69	(68.90 - 76.18)
Region 7	19.01	(16.09 - 22.31)	22.24	(19.10 - 25.73)	74.46	(71.14 - 77.51)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Illinois</b>	26.59	(25.35 - 27.87)	30.81	(29.57 - 32.08)	74.53	(73.32 - 75.71)
Region I (Cook)	26.63	(24.75 - 28.60)	29.76	(27.83 - 31.76)	76.06	(74.27 - 77.76)
Region II	24.47	(22.67 - 26.36)	28.97	(27.07 - 30.94)	75.13	(73.24 - 76.92)
Region III	27.01	(24.39 - 29.81)	33.53	(30.65 - 36.53)	72.23	(69.47 - 74.84)
Region IV	29.67	(26.49 - 33.06)	35.61	(32.24 - 39.13)	69.79	(66.48 - 72.90)
Region V	30.21	(27.17 - 33.44)	34.42	(31.29 - 37.69)	72.17	(69.20 - 74.96)
<b>Indiana</b>	28.03	(25.83 - 30.34)	33.12	(30.87 - 35.45)	69.81	(67.48 - 72.03)
Central	27.30	(24.01 - 30.85)	31.78	(28.27 - 35.52)	71.16	(67.64 - 74.45)
East	30.68	(26.37 - 35.35)	35.63	(31.22 - 40.31)	67.09	(62.79 - 71.12)
North Central	27.71	(23.85 - 31.93)	33.38	(29.22 - 37.83)	70.70	(66.58 - 74.50)
Northeast	25.15	(21.56 - 29.12)	29.12	(25.19 - 33.39)	71.68	(67.49 - 75.53)
Northwest	26.43	(22.81 - 30.39)	31.68	(27.71 - 35.94)	69.57	(65.58 - 73.29)
Southeast	30.06	(25.90 - 34.57)	36.83	(32.42 - 41.47)	68.79	(64.33 - 72.92)
Southwest	31.05	(26.62 - 35.87)	35.97	(31.43 - 40.77)	66.57	(61.77 - 71.05)
West	28.14	(24.33 - 32.30)	33.21	(29.28 - 37.40)	69.62	(65.82 - 73.16)
<b>Iowa</b>	26.03	(23.98 - 28.20)	31.40	(29.27 - 33.60)	69.67	(67.37 - 71.88)
Central	28.56	(24.70 - 32.76)	34.38	(30.23 - 38.79)	70.02	(65.97 - 73.77)
North Central	25.04	(21.35 - 29.12)	29.74	(25.86 - 33.94)	70.86	(66.87 - 74.56)
Northeast	26.55	(23.42 - 29.94)	32.00	(28.72 - 35.47)	69.09	(65.53 - 72.44)
Northwest	24.94	(21.61 - 28.59)	30.12	(26.37 - 34.15)	69.44	(65.34 - 73.26)
Southeast	24.87	(21.73 - 28.30)	30.43	(26.84 - 34.27)	69.55	(65.86 - 72.99)
Southwest	25.95	(22.08 - 30.25)	30.97	(26.88 - 35.37)	69.80	(65.60 - 73.69)
<b>Kansas</b>	27.39	(25.30 - 29.58)	33.08	(30.81 - 35.44)	71.46	(69.15 - 73.67)
Kansas City Metro	26.51	(23.47 - 29.79)	31.95	(28.79 - 35.29)	72.37	(69.13 - 75.39)
Northeast	28.79	(25.25 - 32.61)	35.28	(31.18 - 39.61)	70.16	(66.40 - 73.67)
South Central	25.32	(21.67 - 29.35)	32.29	(28.20 - 36.66)	71.39	(67.48 - 75.00)
Southeast	30.62	(26.13 - 35.51)	36.84	(31.97 - 41.99)	70.17	(65.67 - 74.32)
West	26.14	(22.25 - 30.45)	31.02	(26.63 - 35.77)	71.92	(67.59 - 75.88)
Wichita (Sedgwick)	28.53	(25.05 - 32.29)	33.13	(29.19 - 37.32)	71.55	(67.89 - 74.94)
<b>Kentucky</b>	30.97	(28.61 - 33.43)	38.32	(35.89 - 40.80)	66.62	(64.16 - 68.99)
Adanta, Cumberland River, and Lifeskills	34.08	(29.78 - 38.65)	42.44	(37.87 - 47.15)	64.67	(60.19 - 68.91)
Bluegrass, Comprehend, and North Key	29.54	(26.14 - 33.19)	35.20	(31.55 - 39.03)	67.04	(63.37 - 70.51)
Communicare and River Valley	32.57	(28.46 - 36.96)	39.75	(35.15 - 44.53)	66.62	(62.10 - 70.85)
Four Rivers and Pennyroyal	30.99	(26.87 - 35.43)	39.23	(34.44 - 44.23)	66.69	(62.32 - 70.80)
Kentucky River, Mountain, and Pathways	34.21	(30.03 - 38.65)	42.48	(37.97 - 47.13)	62.72	(58.58 - 66.67)
Seven Counties	27.78	(24.35 - 31.50)	35.73	(31.95 - 39.70)	69.75	(65.93 - 73.31)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Louisiana</b>	27.82	(25.56 - 30.20)	33.09	(30.84 - 35.42)	72.72	(70.45 - 74.87)
Region 1	27.46	(23.22 - 32.15)	31.63	(27.15 - 36.49)	75.19	(71.19 - 78.80)
Regions 2 and 9	25.55	(22.53 - 28.83)	30.79	(27.50 - 34.29)	73.54	(70.15 - 76.67)
Region 3	29.72	(25.52 - 34.29)	33.95	(29.64 - 38.54)	69.90	(65.79 - 73.72)
Region 4	28.19	(24.26 - 32.47)	33.90	(29.74 - 38.32)	71.81	(67.85 - 75.46)
Regions 5 and 6	31.53	(27.50 - 35.86)	37.26	(33.00 - 41.74)	69.76	(65.91 - 73.35)
Regions 7 and 8	27.17	(23.66 - 31.00)	33.55	(29.68 - 37.64)	73.28	(69.69 - 76.58)
Region 10 (Jefferson)	28.12	(23.88 - 32.79)	32.46	(28.04 - 37.22)	73.87	(69.84 - 77.55)
<b>Maine</b>	26.75	(24.60 - 29.01)	31.04	(28.70 - 33.47)	71.29	(68.94 - 73.54)
Aroostook/Downeast	27.20	(23.20 - 31.60)	31.77	(27.42 - 36.48)	70.66	(66.31 - 74.65)
Central	27.16	(23.50 - 31.17)	31.34	(27.25 - 35.75)	69.40	(65.13 - 73.35)
Cumberland	25.42	(21.98 - 29.18)	28.92	(25.41 - 32.70)	73.91	(70.45 - 77.10)
Midcoast	25.41	(21.75 - 29.46)	29.89	(25.81 - 34.31)	72.61	(68.35 - 76.50)
Penquis	26.39	(22.59 - 30.58)	30.45	(26.33 - 34.91)	71.59	(67.61 - 75.26)
Western	30.31	(26.29 - 34.65)	35.53	(31.11 - 40.21)	68.56	(64.48 - 72.38)
York	25.79	(22.38 - 29.53)	30.17	(26.51 - 34.10)	71.17	(67.24 - 74.80)
<b>Maryland</b>	22.55	(20.47 - 24.77)	26.09	(23.89 - 28.42)	75.76	(73.46 - 77.92)
Anne Arundel	24.05	(20.06 - 28.54)	28.20	(24.00 - 32.81)	75.82	(71.60 - 79.58)
Baltimore City	28.76	(24.52 - 33.40)	32.58	(28.19 - 37.31)	74.85	(70.93 - 78.40)
Baltimore County	23.52	(19.85 - 27.63)	27.32	(23.36 - 31.67)	75.96	(72.11 - 79.43)
Montgomery	16.45	(13.86 - 19.42)	19.07	(16.13 - 22.42)	78.48	(74.87 - 81.70)
North Central	20.12	(16.89 - 23.79)	23.72	(19.98 - 27.93)	75.96	(71.94 - 79.56)
Northeast	24.84	(20.98 - 29.15)	28.65	(24.52 - 33.17)	72.95	(68.55 - 76.95)
Prince George's	20.15	(17.03 - 23.67)	22.77	(19.42 - 26.51)	77.75	(74.31 - 80.84)
South	25.29	(21.52 - 29.48)	29.79	(25.69 - 34.23)	72.12	(67.84 - 76.02)
West	24.56	(20.69 - 28.88)	28.81	(24.60 - 33.43)	73.98	(69.91 - 77.68)
<b>Massachusetts</b>	23.19	(21.17 - 25.34)	27.95	(25.80 - 30.21)	75.73	(73.44 - 77.88)
Boston	25.72	(21.99 - 29.84)	29.28	(25.54 - 33.33)	76.70	(73.09 - 79.96)
Central	23.60	(20.10 - 27.49)	29.71	(25.54 - 34.23)	74.72	(70.77 - 78.29)
Metrowest	19.03	(16.29 - 22.10)	23.56	(20.46 - 26.98)	78.45	(75.17 - 81.40)
Northeast	23.73	(20.45 - 27.36)	28.00	(24.52 - 31.77)	75.02	(71.26 - 78.43)
Southeast	24.38	(20.96 - 28.14)	29.84	(26.25 - 33.69)	73.84	(70.01 - 77.34)
Western	25.26	(21.73 - 29.16)	29.93	(26.11 - 34.06)	74.84	(70.99 - 78.33)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Michigan</b>	27.87	(26.70 - 29.08)	32.25	(31.01 - 33.51)	72.33	(71.16 - 73.48)
Bay	29.87	(26.37 - 33.62)	35.06	(31.03 - 39.32)	68.47	(64.81 - 71.91)
Detroit City	29.10	(25.94 - 32.49)	32.77	(29.55 - 36.16)	74.11	(71.16 - 76.87)
Genesee	30.15	(26.56 - 34.00)	34.03	(30.30 - 37.97)	71.14	(67.76 - 74.31)
Kalamazoo	28.42	(25.38 - 31.67)	33.77	(30.45 - 37.25)	71.09	(67.95 - 74.03)
Kent	26.18	(23.31 - 29.26)	29.70	(26.57 - 33.04)	72.32	(69.15 - 75.28)
Lakeshore	26.50	(23.61 - 29.60)	31.19	(28.07 - 34.49)	71.73	(68.64 - 74.63)
Macomb	30.88	(27.90 - 34.02)	34.90	(31.67 - 38.28)	69.26	(66.15 - 72.20)
Mid South	27.99	(25.22 - 30.93)	32.87	(30.01 - 35.87)	71.83	(69.04 - 74.47)
Northern	27.29	(24.32 - 30.47)	31.67	(28.53 - 34.99)	72.18	(69.13 - 75.04)
Oakland	24.86	(22.42 - 27.47)	28.44	(25.81 - 31.23)	75.24	(72.53 - 77.77)
Pathways	31.18	(27.11 - 35.56)	36.44	(32.03 - 41.09)	71.06	(67.19 - 74.65)
Saginaw	29.08	(25.10 - 33.40)	33.78	(29.53 - 38.31)	70.47	(66.51 - 74.15)
Southeast	29.05	(26.39 - 31.87)	33.89	(31.04 - 36.86)	73.27	(70.67 - 75.72)
St. Clair	29.61	(25.80 - 33.72)	34.06	(29.80 - 38.59)	69.35	(65.33 - 73.09)
Washtenaw	23.34	(20.69 - 26.22)	27.62	(24.68 - 30.77)	75.74	(72.70 - 78.54)
Western	27.04	(23.05 - 31.44)	32.23	(27.77 - 37.04)	70.92	(66.80 - 74.72)
<b>Minnesota</b>	25.22	(23.22 - 27.32)	30.32	(28.05 - 32.68)	71.73	(69.38 - 73.96)
Regions 1 and 2	25.25	(21.31 - 29.64)	31.78	(27.29 - 36.65)	71.44	(67.14 - 75.38)
Regions 3 and 4	27.78	(24.54 - 31.27)	34.19	(30.39 - 38.20)	68.61	(64.63 - 72.33)
Regions 5 and 6	24.83	(21.70 - 28.26)	29.45	(25.87 - 33.30)	70.63	(66.77 - 74.22)
Region 7A (Hennepin)	24.15	(20.91 - 27.72)	28.78	(25.23 - 32.60)	73.80	(70.06 - 77.23)
Region 7B (Ramsey)	26.38	(22.56 - 30.59)	30.22	(26.20 - 34.58)	72.51	(68.42 - 76.25)
Region 7C	24.16	(21.15 - 27.44)	29.09	(25.65 - 32.79)	72.67	(69.32 - 75.78)
<b>Mississippi</b>	26.89	(24.69 - 29.21)	32.82	(30.54 - 35.19)	72.03	(69.77 - 74.19)
Region 1	29.18	(25.53 - 33.13)	34.63	(30.91 - 38.55)	70.46	(66.68 - 73.98)
Region 2	26.28	(22.50 - 30.45)	32.32	(28.25 - 36.68)	73.74	(70.12 - 77.06)
Region 3	26.04	(22.38 - 30.06)	31.48	(27.39 - 35.88)	72.50	(68.74 - 75.98)
Region 4	23.57	(20.30 - 27.18)	29.14	(25.37 - 33.22)	72.91	(69.19 - 76.34)
Region 5	25.82	(21.67 - 30.47)	31.62	(27.02 - 36.60)	72.76	(68.44 - 76.68)
Region 6	26.16	(22.35 - 30.37)	31.81	(27.72 - 36.20)	71.90	(68.15 - 75.37)
Region 7	29.68	(25.82 - 33.85)	37.22	(33.06 - 41.59)	70.98	(67.00 - 74.66)
<b>Missouri</b>	30.24	(27.94 - 32.64)	35.79	(33.36 - 38.29)	69.36	(67.05 - 71.57)
Central	29.93	(26.12 - 34.05)	36.20	(32.10 - 40.52)	67.01	(63.01 - 70.78)
Eastern	28.03	(25.15 - 31.10)	33.14	(30.11 - 36.32)	71.40	(68.46 - 74.17)
Eastern (St. Louis City and County)	27.20	(23.82 - 30.87)	31.43	(27.85 - 35.24)	73.59	(70.12 - 76.80)
Eastern (excluding St. Louis)	29.66	(25.65 - 34.00)	36.53	(32.17 - 41.13)	67.06	(62.88 - 70.98)
Northwest	30.16	(26.93 - 33.60)	35.38	(31.86 - 39.07)	70.59	(67.34 - 73.63)
Northwest (Jackson)	30.20	(26.05 - 34.70)	34.83	(30.41 - 39.54)	72.04	(68.11 - 75.66)
Northwest (excluding Jackson)	30.12	(26.03 - 34.55)	35.87	(31.46 - 40.53)	69.29	(65.03 - 73.24)
Southeast	34.31	(29.76 - 39.16)	40.57	(35.71 - 45.63)	66.19	(61.77 - 70.34)
Southwest	32.48	(28.55 - 36.67)	38.35	(34.16 - 42.71)	67.32	(63.47 - 70.96)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Montana</b>	26.67	(24.50 - 28.97)	33.81	(31.43 - 36.27)	72.49	(70.16 - 74.71)
Region 1	27.19	(22.99 - 31.84)	35.88	(30.93 - 41.16)	69.20	(64.57 - 73.47)
Region 2	25.63	(21.88 - 29.78)	33.56	(29.42 - 37.97)	69.67	(65.45 - 73.58)
Region 3	25.23	(21.92 - 28.85)	32.66	(28.85 - 36.71)	73.20	(69.54 - 76.57)
Region 4	27.10	(23.86 - 30.61)	33.87	(30.31 - 37.62)	72.88	(69.44 - 76.07)
Region 5	27.66	(24.35 - 31.24)	34.08	(30.49 - 37.87)	73.99	(70.62 - 77.09)
<b>Nebraska</b>	25.07	(22.94 - 27.34)	29.42	(27.20 - 31.73)	70.89	(68.55 - 73.13)
Regions 1 and 2	25.95	(21.89 - 30.47)	31.21	(26.59 - 36.24)	70.73	(66.50 - 74.62)
Region 3	26.68	(22.86 - 30.88)	31.17	(27.06 - 35.60)	69.73	(65.59 - 73.57)
Region 4	24.46	(20.82 - 28.50)	28.62	(24.67 - 32.92)	69.58	(65.43 - 73.44)
Region 5	25.31	(22.28 - 28.60)	29.65	(26.41 - 33.09)	71.51	(67.93 - 74.85)
Region 6	24.33	(21.52 - 27.37)	28.42	(25.39 - 31.65)	71.37	(68.12 - 74.41)
<b>Nevada</b>	26.48	(24.10 - 29.01)	30.26	(27.72 - 32.94)	73.44	(70.97 - 75.76)
Clark	26.39	(23.58 - 29.40)	29.84	(26.87 - 33.01)	73.56	(70.74 - 76.20)
Rural	28.83	(24.88 - 33.15)	34.32	(30.32 - 38.55)	70.60	(66.51 - 74.39)
Washoe	24.89	(21.43 - 28.71)	28.66	(24.80 - 32.86)	75.33	(71.47 - 78.83)
<b>New Hampshire</b>	23.17	(21.19 - 25.29)	27.73	(25.54 - 30.04)	72.61	(70.39 - 74.72)
Central	25.53	(22.61 - 28.68)	29.94	(26.74 - 33.34)	71.57	(68.41 - 74.54)
Central 1	26.35	(22.68 - 30.39)	30.98	(26.88 - 35.41)	70.42	(66.54 - 74.04)
Central 2	24.73	(21.14 - 28.70)	28.93	(25.00 - 33.19)	72.69	(68.55 - 76.46)
Northern	24.20	(20.62 - 28.19)	28.81	(24.82 - 33.17)	72.08	(68.23 - 75.62)
Southern	21.82	(19.68 - 24.12)	26.44	(24.03 - 29.00)	73.22	(70.71 - 75.60)
Southern 1 (Rockingham)	20.52	(17.73 - 23.62)	24.98	(21.79 - 28.46)	74.68	(71.28 - 77.81)
Southern 2	22.61	(19.94 - 25.53)	27.33	(24.36 - 30.51)	72.34	(69.23 - 75.24)
<b>New Jersey</b>	21.75	(19.63 - 24.02)	25.58	(23.32 - 27.99)	75.61	(73.38 - 77.71)
Central	21.34	(18.13 - 24.94)	25.58	(22.06 - 29.46)	75.44	(71.87 - 78.70)
Metropolitan	20.77	(17.83 - 24.05)	23.82	(20.66 - 27.29)	76.81	(73.40 - 79.90)
Northern	21.78	(18.92 - 24.94)	25.16	(21.95 - 28.68)	76.31	(73.03 - 79.30)
Southern	23.30	(19.99 - 26.98)	28.34	(24.68 - 32.32)	73.30	(69.70 - 76.62)
<b>New Mexico</b>	23.84	(21.74 - 26.08)	28.32	(26.12 - 30.64)	75.38	(73.10 - 77.52)
Region 1	23.70	(20.38 - 27.39)	28.74	(25.22 - 32.53)	71.58	(67.78 - 75.10)
Region 2	21.88	(18.50 - 25.69)	24.96	(21.44 - 28.84)	78.60	(75.23 - 81.61)
Region 3 (Bernalillo)	22.90	(20.07 - 25.99)	27.05	(23.98 - 30.36)	77.54	(74.45 - 80.35)
Region 4	29.72	(25.73 - 34.06)	35.11	(30.73 - 39.75)	72.14	(68.17 - 75.80)
Region 5	23.27	(20.04 - 26.84)	28.21	(24.56 - 32.17)	75.41	(71.82 - 78.69)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>New York</b>	24.29	(23.10 - 25.53)	27.41	(26.12 - 28.74)	76.95	(75.75 - 78.10)
Region A	23.44	(21.81 - 25.16)	24.99	(23.26 - 26.80)	78.57	(77.03 - 80.03)
Region 1	24.28	(20.99 - 27.90)	25.54	(22.26 - 29.12)	77.65	(74.73 - 80.32)
Region 2	22.60	(20.17 - 25.23)	23.80	(21.20 - 26.61)	77.86	(75.43 - 80.12)
Region 3	27.86	(24.52 - 31.46)	30.62	(27.29 - 34.17)	80.34	(77.64 - 82.78)
Region 4	20.93	(18.23 - 23.92)	22.21	(19.43 - 25.27)	78.74	(76.08 - 81.18)
Region B	21.40	(19.70 - 23.21)	24.74	(22.88 - 26.70)	77.97	(76.13 - 79.71)
Region 5	21.38	(19.03 - 23.93)	24.90	(22.35 - 27.63)	78.94	(76.46 - 81.22)
Region 6	19.73	(17.07 - 22.70)	22.16	(19.41 - 25.19)	78.07	(75.11 - 80.77)
Region 7	24.14	(21.00 - 27.58)	28.34	(24.92 - 32.04)	74.54	(70.96 - 77.81)
Region C	27.33	(25.63 - 29.10)	32.10	(30.27 - 33.99)	74.66	(73.04 - 76.20)
Region 8	26.79	(23.66 - 30.17)	31.69	(28.41 - 35.16)	76.23	(73.19 - 79.02)
Region 9	26.33	(23.24 - 29.68)	30.87	(27.59 - 34.35)	76.02	(73.05 - 78.76)
Region 10	28.03	(24.66 - 31.66)	32.09	(28.50 - 35.90)	74.26	(71.04 - 77.23)
Region 11	24.58	(21.83 - 27.56)	29.25	(26.17 - 32.54)	73.29	(70.21 - 76.16)
Region 12	30.78	(27.53 - 34.24)	36.01	(32.55 - 39.61)	73.62	(70.48 - 76.54)
Region D	28.97	(26.54 - 31.53)	34.71	(32.05 - 37.48)	71.97	(69.62 - 74.21)
Region 13	27.29	(23.62 - 31.29)	32.76	(28.82 - 36.96)	73.52	(69.91 - 76.84)
Region 14	30.53	(26.69 - 34.65)	35.73	(31.58 - 40.11)	71.78	(68.15 - 75.14)
Region 15	28.96	(25.28 - 32.94)	35.47	(31.37 - 39.78)	70.80	(67.04 - 74.29)
<b>North Carolina</b>	26.19	(23.89 - 28.63)	31.87	(29.49 - 34.35)	71.44	(69.01 - 73.75)
Eastern	28.67	(24.89 - 32.77)	34.61	(30.45 - 39.02)	71.63	(67.70 - 75.26)
North Central	26.07	(22.49 - 30.00)	31.74	(27.89 - 35.85)	72.30	(68.61 - 75.72)
South Central	24.89	(21.63 - 28.47)	30.36	(26.75 - 34.22)	71.85	(68.25 - 75.18)
Western	25.83	(22.84 - 29.07)	31.53	(28.25 - 35.00)	70.42	(66.92 - 73.69)
<b>North Dakota</b>	26.12	(24.03 - 28.33)	32.26	(30.06 - 34.53)	68.13	(65.63 - 70.54)
Badlands and West Central Lake Region and South Central	26.33	(23.04 - 29.90)	32.51	(28.94 - 36.30)	66.97	(63.06 - 70.66)
North Central and Northwest	24.19	(20.79 - 27.96)	30.72	(26.84 - 34.90)	67.94	(63.54 - 72.05)
Northeast	25.42	(21.99 - 29.18)	32.14	(28.35 - 36.18)	67.54	(63.22 - 71.58)
Southeast	27.79	(24.29 - 31.59)	33.86	(29.98 - 37.97)	69.53	(65.59 - 73.20)
Southeast	26.65	(23.56 - 30.00)	32.15	(28.87 - 35.62)	69.06	(65.46 - 72.44)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Ohio</b>	28.39	(27.16 - 29.65)	33.55	(32.32 - 34.81)	71.00	(69.75 - 72.23)
Boards 2, 46, 55, and 68	29.99	(26.57 - 33.64)	34.85	(31.12 - 38.79)	66.53	(62.71 - 70.14)
Boards 3, 52, and 85	26.51	(23.23 - 30.08)	31.71	(28.05 - 35.62)	71.03	(67.57 - 74.27)
Boards 4 and 78	29.45	(25.46 - 33.78)	34.75	(30.56 - 39.18)	68.79	(64.99 - 72.36)
Boards 5 and 60	31.37	(27.76 - 35.23)	37.06	(33.20 - 41.08)	65.86	(62.04 - 69.49)
Boards 7, 15, 41, 79, and 84	31.09	(27.35 - 35.09)	36.64	(32.71 - 40.75)	67.27	(63.47 - 70.86)
Boards 8, 13, and 83	28.16	(24.75 - 31.85)	33.87	(30.24 - 37.70)	70.24	(66.77 - 73.49)
Board 9 (Butler)	29.07	(25.51 - 32.90)	34.03	(30.22 - 38.06)	72.25	(68.70 - 75.54)
Board 12	25.57	(22.05 - 29.43)	30.51	(26.74 - 34.56)	72.82	(69.31 - 76.08)
Boards 18 and 47	29.04	(26.48 - 31.73)	34.10	(31.34 - 36.98)	72.27	(69.62 - 74.77)
Boards 20, 32, 54, and 69	27.62	(24.33 - 31.18)	32.70	(28.95 - 36.69)	67.75	(63.87 - 71.40)
Boards 21, 39, 51, 70, and 80	27.90	(24.50 - 31.58)	33.13	(29.39 - 37.10)	69.65	(66.00 - 73.06)
Boards 22, 74, and 87	28.14	(24.43 - 32.17)	33.49	(29.47 - 37.76)	70.11	(66.30 - 73.66)
Boards 23 and 45	28.76	(25.27 - 32.52)	33.81	(30.20 - 37.62)	70.82	(67.17 - 74.22)
Board 25 (Franklin)	26.89	(24.27 - 29.69)	31.54	(28.72 - 34.49)	73.07	(70.40 - 75.58)
Boards 27, 71, and 73	33.09	(29.38 - 37.02)	39.24	(35.36 - 43.25)	66.66	(62.90 - 70.23)
Boards 28, 43, and 67	25.34	(22.32 - 28.63)	29.94	(26.72 - 33.36)	71.94	(68.60 - 75.06)
Board 31 (Hamilton)	25.59	(22.48 - 28.96)	31.07	(27.89 - 34.44)	74.40	(71.50 - 77.10)
Board 48 (Lucas)	28.80	(25.43 - 32.41)	33.73	(30.20 - 37.46)	73.34	(69.83 - 76.57)
Boards 50 and 76	28.15	(24.88 - 31.67)	34.23	(30.67 - 37.97)	71.45	(68.01 - 74.66)
Board 57 (Montgomery)	28.10	(24.81 - 31.65)	32.52	(28.96 - 36.28)	71.42	(68.12 - 74.50)
Board 77 (Summit)	29.74	(26.26 - 33.47)	34.49	(30.98 - 38.19)	72.77	(69.39 - 75.90)
<b>Oklahoma</b>	30.60	(28.22 - 33.09)	35.71	(33.18 - 38.32)	69.36	(67.00 - 71.62)
Central	27.08	(23.40 - 31.09)	31.84	(27.63 - 36.38)	70.41	(66.26 - 74.24)
East Central	31.92	(27.55 - 36.64)	37.82	(33.08 - 42.80)	67.36	(63.10 - 71.35)
Northeast	30.40	(26.37 - 34.76)	35.50	(31.20 - 40.05)	68.03	(63.75 - 72.02)
Northwest and Southwest	30.40	(26.32 - 34.81)	35.75	(31.46 - 40.28)	69.36	(65.41 - 73.05)
Oklahoma County	30.91	(26.99 - 35.13)	35.22	(31.01 - 39.67)	71.27	(67.49 - 74.77)
Southeast	33.71	(29.42 - 38.28)	40.01	(35.31 - 44.90)	67.23	(62.94 - 71.25)
Tulsa County	29.30	(25.42 - 33.50)	33.77	(29.63 - 38.17)	70.78	(66.94 - 74.34)
<b>Oregon</b>	23.68	(21.64 - 25.85)	27.93	(25.74 - 30.23)	76.74	(74.53 - 78.80)
Region 1 (Multnomah)	25.64	(22.17 - 29.45)	28.78	(24.98 - 32.90)	77.73	(74.24 - 80.87)
Region 2	20.62	(17.84 - 23.70)	24.64	(21.65 - 27.90)	78.16	(75.15 - 80.91)
Region 3	23.31	(20.41 - 26.47)	27.63	(24.49 - 31.02)	76.87	(73.75 - 79.72)
Region 4	26.25	(22.37 - 30.54)	31.35	(27.10 - 35.94)	74.40	(70.47 - 77.96)
Region 5	24.21	(20.47 - 28.39)	29.50	(25.34 - 34.04)	74.79	(70.74 - 78.45)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Pennsylvania</b>	26.68	(25.48 - 27.93)	31.57	(30.31 - 32.85)	73.91	(72.66 - 75.12)
Region 1 (Allegheny)	27.50	(24.53 - 30.70)	32.59	(29.50 - 35.83)	75.23	(72.35 - 77.90)
Regions 2, 3, 8, and 9	29.11	(25.73 - 32.74)	35.79	(31.97 - 39.79)	71.44	(67.89 - 74.74)
Regions 4, 11, 37, and 49	27.28	(24.29 - 30.49)	32.64	(29.37 - 36.08)	71.73	(68.54 - 74.70)
Regions 5, 18, 23, 24, and 46	26.97	(23.93 - 30.25)	33.05	(29.92 - 36.34)	71.57	(68.55 - 74.40)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	24.90	(22.10 - 27.93)	30.48	(27.52 - 33.62)	71.87	(68.72 - 74.81)
Regions 7, 13, 20, and 33	23.67	(21.57 - 25.90)	27.98	(25.62 - 30.47)	78.09	(75.91 - 80.13)
Regions 10, 14, 15, 27, 32, 43, and 44	29.18	(25.83 - 32.78)	35.38	(31.74 - 39.20)	68.63	(65.02 - 72.03)
Regions 17 and 21	26.21	(22.90 - 29.81)	31.10	(27.33 - 35.14)	72.92	(69.44 - 76.15)
Regions 19, 26, 28, and 42	25.86	(23.24 - 28.67)	30.32	(27.52 - 33.28)	73.82	(71.03 - 76.43)
Regions 22, 38, 40, 41, and 48	28.23	(24.98 - 31.72)	33.95	(30.54 - 37.54)	70.57	(67.20 - 73.73)
Regions 25 and 30	27.50	(24.32 - 30.93)	32.63	(29.07 - 36.41)	74.51	(71.11 - 77.64)
Regions 29 and 34	26.40	(23.00 - 30.10)	30.59	(27.07 - 34.34)	74.53	(71.11 - 77.67)
Region 36 (Philadelphia)	28.97	(25.96 - 32.18)	32.09	(29.04 - 35.31)	74.48	(71.63 - 77.13)
<b>Rhode Island</b>	24.84	(22.71 - 27.11)	29.14	(26.91 - 31.48)	76.30	(74.12 - 78.35)
Bristol and Newport	23.11	(19.62 - 27.02)	27.83	(23.90 - 32.14)	77.76	(74.05 - 81.08)
Kent	25.67	(21.81 - 29.95)	30.79	(26.83 - 35.04)	74.49	(70.57 - 78.05)
Providence	25.50	(22.83 - 28.38)	29.33	(26.51 - 32.31)	76.05	(73.41 - 78.50)
Washington	22.40	(19.20 - 25.96)	27.51	(23.95 - 31.38)	78.32	(74.91 - 81.38)
<b>South Carolina</b>	29.71	(27.42 - 32.11)	33.85	(31.58 - 36.18)	70.69	(68.37 - 72.91)
Region 1	29.22	(25.70 - 33.00)	33.86	(30.27 - 37.65)	70.77	(67.13 - 74.17)
Region 2	30.58	(27.14 - 34.25)	34.90	(31.35 - 38.63)	69.61	(66.08 - 72.93)
Region 3	31.13	(27.30 - 35.22)	35.20	(31.29 - 39.31)	70.65	(66.75 - 74.26)
Region 4	28.26	(24.72 - 32.08)	31.69	(28.22 - 35.39)	71.88	(68.40 - 75.11)
<b>South Dakota</b>	26.83	(24.72 - 29.05)	32.65	(30.39 - 34.98)	72.26	(70.02 - 74.38)
Region 1	25.97	(22.44 - 29.84)	31.36	(27.57 - 35.42)	72.26	(68.57 - 75.68)
Region 2	26.91	(23.78 - 30.29)	32.47	(29.01 - 36.13)	73.03	(69.63 - 76.17)
Region 3	25.56	(22.01 - 29.47)	31.50	(27.70 - 35.57)	72.18	(68.51 - 75.58)
Region 4	29.40	(25.30 - 33.85)	35.60	(31.12 - 40.36)	70.19	(65.80 - 74.24)
Region 5	28.83	(24.87 - 33.14)	34.70	(30.25 - 39.43)	72.56	(68.53 - 76.26)
Region 6	26.98	(22.91 - 31.48)	33.45	(28.86 - 38.37)	71.39	(67.08 - 75.33)
Region 7	26.01	(22.50 - 29.85)	31.94	(28.05 - 36.10)	72.61	(69.05 - 75.90)
<b>Tennessee</b>	30.59	(28.22 - 33.06)	36.24	(33.76 - 38.80)	70.88	(68.47 - 73.17)
Region 1	34.49	(29.80 - 39.50)	41.23	(36.15 - 46.49)	68.76	(64.43 - 72.78)
Region 2	32.02	(27.97 - 36.37)	37.89	(33.69 - 42.27)	68.00	(63.80 - 71.94)
Region 3	32.13	(28.19 - 36.35)	37.67	(33.40 - 42.13)	70.11	(66.23 - 73.72)
Region 4 (Davidson)	30.68	(26.36 - 35.36)	36.02	(31.39 - 40.93)	74.58	(70.79 - 78.04)
Region 5	29.25	(25.72 - 33.06)	35.73	(31.83 - 39.83)	71.03	(67.42 - 74.39)
Region 6	32.99	(28.51 - 37.80)	38.24	(33.51 - 43.21)	69.04	(64.66 - 73.10)
Region 7 (Shelby)	25.08	(21.48 - 29.05)	29.29	(25.18 - 33.76)	75.12	(71.25 - 78.62)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Texas</b>	25.73	(24.57 - 26.93)	30.47	(29.21 - 31.76)	73.83	(72.54 - 75.07)
Region 1	28.65	(25.18 - 32.41)	34.28	(30.49 - 38.29)	71.14	(67.53 - 74.50)
Region 2	29.79	(26.01 - 33.87)	36.00	(31.81 - 40.41)	71.34	(67.59 - 74.82)
Region 3	24.81	(23.08 - 26.63)	29.87	(28.00 - 31.81)	73.87	(72.02 - 75.64)
Region 3a	23.35	(21.29 - 25.54)	28.17	(25.83 - 30.64)	75.49	(73.29 - 77.57)
Region 3bc	27.40	(24.65 - 30.33)	32.87	(29.90 - 35.97)	71.00	(68.08 - 73.76)
Region 4	30.99	(27.38 - 34.85)	37.54	(33.66 - 41.58)	69.92	(66.25 - 73.34)
Region 5	31.33	(27.56 - 35.37)	38.39	(34.30 - 42.65)	71.35	(67.72 - 74.72)
Region 6	24.53	(22.53 - 26.65)	28.51	(26.37 - 30.75)	74.70	(72.44 - 76.84)
Region 6a	24.22	(22.07 - 26.51)	27.93	(25.63 - 30.36)	74.91	(72.48 - 77.20)
Region 6bc	27.06	(23.50 - 30.93)	33.25	(29.40 - 37.35)	72.96	(69.30 - 76.32)
Region 7	26.24	(24.05 - 28.56)	31.36	(29.00 - 33.82)	73.67	(71.38 - 75.84)
Region 7a	24.67	(21.99 - 27.57)	29.24	(26.33 - 32.34)	75.31	(72.50 - 77.92)
Region 7bcd	28.64	(25.42 - 32.09)	34.60	(31.03 - 38.34)	71.17	(67.81 - 74.31)
Region 8	25.12	(22.52 - 27.90)	30.24	(27.18 - 33.47)	74.03	(71.20 - 76.67)
Region 9	27.24	(23.76 - 31.01)	32.24	(28.26 - 36.50)	72.65	(69.11 - 75.92)
Region 10	23.94	(20.64 - 27.59)	26.27	(22.76 - 30.12)	77.36	(74.14 - 80.27)
Region 11	24.50	(22.03 - 27.15)	27.39	(24.66 - 30.30)	75.35	(72.83 - 77.71)
Region 11abd	25.07	(21.88 - 28.56)	27.97	(24.55 - 31.67)	75.53	(72.39 - 78.42)
Region 11c (Hidalgo)	23.38	(20.31 - 26.75)	26.24	(22.77 - 30.03)	74.99	(71.65 - 78.06)
<b>Utah</b>	19.18	(17.16 - 21.37)	21.37	(19.31 - 23.58)	78.24	(75.95 - 80.38)
Bear River, Northeastern, Summit, Tooele, and Wasatch	18.09	(15.10 - 21.52)	20.82	(17.53 - 24.56)	78.49	(74.87 - 81.71)
Central, Four Corners, San Juan, and Southwest	17.00	(13.92 - 20.60)	19.61	(16.30 - 23.40)	77.41	(73.57 - 80.83)
Davis County	17.84	(14.87 - 21.25)	20.20	(16.89 - 23.97)	78.65	(75.01 - 81.88)
Salt Lake County	21.52	(18.69 - 24.64)	23.50	(20.70 - 26.55)	78.11	(75.08 - 80.86)
Utah County	15.93	(13.20 - 19.10)	17.31	(14.37 - 20.71)	79.07	(76.04 - 81.80)
Weber, Morgan	20.53	(17.15 - 24.38)	23.65	(20.01 - 27.72)	77.67	(73.93 - 81.02)
<b>Vermont</b>	24.69	(22.56 - 26.95)	29.47	(27.23 - 31.80)	74.48	(72.30 - 76.55)
Champlain Valley	22.86	(20.27 - 25.67)	27.18	(24.42 - 30.12)	75.68	(72.89 - 78.26)
Rural Northeast	26.43	(23.02 - 30.14)	31.01	(27.44 - 34.82)	72.71	(69.05 - 76.08)
Rural Southeast	24.15	(20.78 - 27.87)	28.74	(24.93 - 32.87)	75.54	(71.89 - 78.86)
Rural Southwest	27.21	(23.41 - 31.38)	33.61	(29.28 - 38.24)	72.83	(68.94 - 76.41)
<b>Virginia</b>	24.93	(22.72 - 27.27)	29.35	(27.12 - 31.69)	74.01	(71.71 - 76.18)
Region 1	27.34	(23.61 - 31.42)	32.36	(28.31 - 36.70)	71.95	(68.09 - 75.52)
Region 2	18.63	(15.97 - 21.63)	23.15	(20.10 - 26.51)	77.76	(74.58 - 80.64)
Region 3	29.28	(25.36 - 33.53)	34.86	(30.62 - 39.35)	72.23	(68.26 - 75.89)
Region 4	26.43	(22.80 - 30.40)	30.61	(26.74 - 34.77)	72.01	(68.07 - 75.64)
Region 5	25.97	(22.57 - 29.68)	29.16	(25.62 - 32.97)	73.94	(70.47 - 77.13)

See notes at end of table.

(continued)

**Table C6. Cigarette Use in Past Month, 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Washington</b>	23.44	(21.35 - 25.67)	27.44	(25.30 - 29.68)	75.61	(73.41 - 77.68)
Region 1	24.92	(21.24 - 29.01)	29.39	(25.27 - 33.89)	75.36	(71.56 - 78.80)
Region 2	24.92	(21.19 - 29.07)	28.81	(24.74 - 33.25)	74.56	(70.82 - 77.97)
Region 3	23.13	(19.78 - 26.87)	27.27	(23.71 - 31.15)	75.82	(72.15 - 79.16)
Region 4 (King)	20.18	(17.34 - 23.36)	23.65	(20.62 - 26.97)	77.00	(73.87 - 79.87)
Region 5	25.39	(21.88 - 29.25)	29.78	(26.02 - 33.82)	74.50	(70.89 - 77.81)
Region 6	25.82	(22.26 - 29.74)	29.96	(26.09 - 34.14)	74.71	(70.99 - 78.10)
<b>West Virginia</b>	33.01	(30.53 - 35.58)	40.77	(38.14 - 43.45)	68.24	(65.76 - 70.61)
Eastern Highland	31.98	(27.99 - 36.26)	41.06	(36.63 - 45.65)	68.50	(64.48 - 72.26)
Northern	33.98	(30.56 - 37.58)	41.41	(37.75 - 45.16)	67.93	(64.60 - 71.09)
Northern A and B	34.29	(29.57 - 39.35)	40.93	(35.88 - 46.17)	67.40	(62.73 - 71.74)
Northern C and D	33.83	(29.83 - 38.07)	41.65	(37.24 - 46.19)	68.20	(64.26 - 71.90)
South Central	32.69	(29.60 - 35.94)	39.94	(36.73 - 43.25)	68.61	(65.56 - 71.51)
South Central I	32.85	(28.24 - 37.82)	40.49	(35.56 - 45.63)	67.69	(63.25 - 71.82)
South Central II	35.35	(30.72 - 40.27)	43.06	(38.21 - 48.04)	68.44	(63.93 - 72.62)
South Central III	30.83	(26.63 - 35.38)	37.54	(33.12 - 42.18)	69.29	(65.11 - 73.17)
Southern	33.45	(29.64 - 37.50)	41.15	(36.97 - 45.46)	67.61	(63.85 - 71.16)
Southern I and III	33.95	(29.23 - 39.02)	41.47	(36.44 - 46.67)	68.16	(63.53 - 72.45)
Southern II	32.48	(27.87 - 37.45)	40.53	(35.24 - 46.06)	66.54	(61.85 - 70.92)
<b>Wisconsin</b>	27.83	(25.66 - 30.11)	32.53	(30.28 - 34.87)	71.26	(68.99 - 73.44)
Milwaukee	30.27	(26.46 - 34.37)	35.20	(31.04 - 39.59)	73.96	(70.38 - 77.25)
Northeastern	29.54	(25.92 - 33.44)	34.03	(30.26 - 38.02)	69.36	(65.46 - 73.01)
Northern	27.53	(23.49 - 31.97)	32.16	(27.94 - 36.69)	69.93	(65.58 - 73.94)
Southeastern	25.67	(22.49 - 29.12)	31.22	(27.61 - 35.07)	72.25	(68.64 - 75.59)
Southern	25.98	(22.66 - 29.59)	29.80	(26.21 - 33.67)	72.06	(68.38 - 75.46)
Western	28.09	(24.37 - 32.15)	32.88	(28.88 - 37.15)	69.30	(65.34 - 73.00)
<b>Wyoming</b>	27.27	(25.09 - 29.57)	33.81	(31.62 - 36.07)	71.75	(69.43 - 73.97)
Judicial District 1 (Laramie)	28.20	(24.58 - 32.13)	34.16	(30.24 - 38.32)	73.25	(69.59 - 76.62)
Judicial District 2	25.94	(22.41 - 29.81)	31.41	(27.56 - 35.54)	74.21	(70.70 - 77.43)
Judicial District 3	25.97	(22.49 - 29.79)	33.25	(29.22 - 37.55)	70.79	(66.92 - 74.38)
Judicial District 4	26.28	(22.00 - 31.05)	32.60	(28.07 - 37.49)	72.51	(68.05 - 76.57)
Judicial District 5	28.00	(23.84 - 32.58)	34.51	(30.01 - 39.31)	73.03	(68.80 - 76.89)
Judicial District 6	26.86	(23.02 - 31.07)	34.13	(29.82 - 38.71)	68.67	(64.23 - 72.79)
Judicial District 7 (Natrona)	29.67	(25.86 - 33.79)	37.42	(33.29 - 41.74)	68.84	(64.69 - 72.71)
Judicial District 8	26.19	(22.05 - 30.79)	33.60	(29.10 - 38.41)	71.71	(67.24 - 75.79)
Judicial District 9	26.84	(22.77 - 31.35)	32.00	(27.71 - 36.61)	72.83	(68.77 - 76.54)

\*\* A separate Kauai estimate is not being reported because of low precision. See Table D12 of Section D for more details.

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.

<sup>1</sup> Tobacco Products include 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, 2004, 2005, and 2006.

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Total United States</b>	3.40	(3.26 - 3.54)	1.98	(1.88 - 2.09)
<b>Northeast</b>	3.19	(2.94 - 3.46)	2.01	(1.85 - 2.18)
<b>Midwest</b>	3.59	(3.39 - 3.80)	1.92	(1.79 - 2.07)
<b>South</b>	3.13	(2.94 - 3.33)	1.93	(1.80 - 2.06)
<b>West</b>	3.80	(3.51 - 4.12)	2.11	(1.93 - 2.31)
<b>Alabama</b>	2.98	(2.37 - 3.75)	1.98	(1.58 - 2.47)
Region 1	2.54	(1.81 - 3.56)	1.78	(1.26 - 2.51)
Region 2	3.26	(2.30 - 4.58)	2.18	(1.56 - 3.03)
Region 3	3.12	(2.18 - 4.45)	2.02	(1.39 - 2.91)
Region 4	3.03	(2.16 - 4.24)	1.91	(1.35 - 2.69)
<b>Alaska</b>	3.80	(3.08 - 4.68)	2.55	(2.01 - 3.22)
Gulf Coast	3.46	(2.31 - 5.15)	2.23	(1.49 - 3.32)
Rural	4.62	(3.05 - 6.94)	2.27	(1.46 - 3.52)
Southeast	4.38	(3.03 - 6.30)	2.56	(1.73 - 3.77)
Urban	3.62	(2.79 - 4.69)	2.65	(2.00 - 3.50)
<b>Arizona</b>	4.22	(3.45 - 5.17)	1.82	(1.45 - 2.28)
Maricopa	4.09	(3.17 - 5.27)	1.81	(1.37 - 2.38)
Pima	4.80	(3.38 - 6.78)	1.97	(1.34 - 2.88)
Rural North	4.76	(3.23 - 6.97)	1.89	(1.30 - 2.75)
Rural South	3.58	(2.45 - 5.21)	1.60	(1.05 - 2.43)
<b>Arkansas</b>	3.04	(2.45 - 3.76)	2.33	(1.88 - 2.88)
Areas 1 and 2	3.19	(2.27 - 4.47)	2.44	(1.72 - 3.45)
Areas 3 and 4	3.28	(2.37 - 4.54)	2.16	(1.51 - 3.10)
Areas 5 and 6	2.65	(1.84 - 3.81)	2.10	(1.49 - 2.96)
Areas 7, 12, and 13	3.40	(2.30 - 5.00)	2.67	(1.83 - 3.89)
Areas 8, 10, and 11	2.82	(1.99 - 3.98)	2.09	(1.46 - 3.00)
Area 9	2.93	(2.05 - 4.18)	2.53	(1.78 - 3.59)
<b>California</b>	3.81	(3.38 - 4.30)	2.17	(1.89 - 2.48)
Region 1	3.91	(2.82 - 5.41)	2.63	(1.84 - 3.76)
Region 2	4.61	(3.45 - 6.13)	2.26	(1.70 - 3.00)
Region 3	3.45	(2.47 - 4.80)	2.19	(1.54 - 3.09)
Region 4	3.82	(2.75 - 5.29)	2.07	(1.42 - 3.02)
Region 5	4.52	(3.34 - 6.10)	2.44	(1.77 - 3.34)
Region 6 (Santa Clara)	3.45	(2.54 - 4.68)	2.07	(1.50 - 2.86)
Region 7	3.80	(2.70 - 5.33)	2.37	(1.65 - 3.40)
Region 8	3.98	(2.90 - 5.42)	2.52	(1.84 - 3.45)
Region 9	3.81	(2.76 - 5.24)	2.46	(1.76 - 3.41)
Region 10	4.21	(3.04 - 5.81)	2.74	(1.97 - 3.78)
Region 11 (Los Angeles)	3.49	(2.81 - 4.33)	1.96	(1.54 - 2.50)
Region 12	3.51	(2.63 - 4.67)	1.87	(1.31 - 2.67)
Region 13 (Riverside)	3.70	(2.73 - 4.99)	2.29	(1.68 - 3.12)
Region 14 (Orange)	3.58	(2.69 - 4.75)	2.02	(1.47 - 2.79)
Region 15	3.97	(3.03 - 5.19)	2.14	(1.59 - 2.88)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Colorado</b>	4.11	(3.35 - 5.04)	2.27	(1.82 - 2.83)
Region 1	4.10	(2.97 - 5.63)	2.26	(1.59 - 3.20)
Regions 2 and 7	4.10	(3.14 - 5.35)	2.29	(1.71 - 3.06)
Region 3	4.00	(2.89 - 5.50)	2.42	(1.65 - 3.53)
Region 4	4.08	(2.84 - 5.83)	2.16	(1.40 - 3.31)
Regions 5 and 6	4.34	(3.00 - 6.24)	2.08	(1.40 - 3.08)
<b>Connecticut</b>	3.57	(2.89 - 4.41)	2.29	(1.86 - 2.81)
Eastern	3.74	(2.63 - 5.30)	2.61	(1.80 - 3.75)
North Central	3.94	(2.84 - 5.44)	2.24	(1.62 - 3.08)
Northwestern	3.27	(2.30 - 4.62)	2.34	(1.69 - 3.22)
South Central	3.24	(2.31 - 4.52)	2.21	(1.57 - 3.09)
Southwest	3.63	(2.54 - 5.18)	2.23	(1.56 - 3.17)
<b>Delaware</b>	2.56	(2.02 - 3.25)	2.08	(1.68 - 2.57)
Kent	2.89	(2.03 - 4.09)	2.27	(1.58 - 3.25)
New Castle (excluding Wilmington City)	2.45	(1.81 - 3.29)	2.11	(1.61 - 2.76)
Sussex	2.25	(1.51 - 3.32)	1.72	(1.17 - 2.51)
Wilmington City	3.39	(2.24 - 5.12)	2.42	(1.57 - 3.72)
<b>District of Columbia</b>	5.18	(4.27 - 6.29)	2.85	(2.20 - 3.70)
Ward 1	6.27	(4.40 - 8.85)	3.14	(1.98 - 4.94)
Ward 2	6.36	(4.73 - 8.50)	2.79	(1.89 - 4.08)
Ward 3	5.41	(3.91 - 7.46)	1.90	(1.20 - 2.99)
Ward 4	3.96	(2.55 - 6.10)	2.11	(1.26 - 3.51)
Ward 5	5.00	(3.55 - 7.00)	4.18	(2.56 - 6.74)
Ward 6	5.04	(3.42 - 7.37)	3.03	(1.89 - 4.83)
Ward 7	3.97	(2.61 - 5.98)	2.72	(1.71 - 4.32)
Ward 8	5.18	(3.55 - 7.50)	3.39	(2.18 - 5.24)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Florida</b>	3.12	(2.76 - 3.52)	1.83	(1.58 - 2.11)
Region A	3.58	(2.90 - 4.40)	2.31	(1.82 - 2.92)
Circuit 1	3.22	(2.35 - 4.38)	2.19	(1.51 - 3.16)
Circuit 2	4.29	(3.15 - 5.81)	2.76	(1.98 - 3.83)
Circuit 14	3.46	(2.43 - 4.90)	1.96	(1.35 - 2.85)
Region B	3.69	(3.01 - 4.51)	1.98	(1.59 - 2.47)
Circuits 3 and 8	3.80	(2.81 - 5.11)	2.15	(1.51 - 3.05)
Circuit 4	3.90	(2.86 - 5.31)	2.12	(1.54 - 2.90)
Circuit 7	3.32	(2.39 - 4.60)	1.68	(1.20 - 2.37)
Region C	3.15	(2.66 - 3.72)	1.79	(1.49 - 2.15)
Circuit 5	2.42	(1.69 - 3.44)	1.68	(1.18 - 2.37)
Circuit 9	3.80	(2.87 - 5.01)	1.96	(1.43 - 2.68)
Circuit 10	3.23	(2.35 - 4.42)	1.56	(1.09 - 2.25)
Circuit 18	3.20	(2.36 - 4.33)	1.94	(1.42 - 2.65)
Circuit 19	2.68	(1.87 - 3.83)	1.59	(1.09 - 2.33)
Region D	2.86	(2.35 - 3.48)	1.75	(1.42 - 2.17)
Circuits 11 and 16	2.69	(1.97 - 3.66)	1.81	(1.31 - 2.49)
Circuit 15 (Palm Beach)	2.99	(2.23 - 3.99)	1.86	(1.34 - 2.57)
Circuit 17 (Broward)	3.03	(2.24 - 4.07)	1.60	(1.16 - 2.20)
Region E	2.98	(2.50 - 3.55)	1.72	(1.38 - 2.13)
Circuit 6	2.83	(2.09 - 3.83)	1.75	(1.22 - 2.50)
Circuit 12	2.67	(1.87 - 3.80)	1.60	(1.09 - 2.34)
Circuit 13 (Hillsborough)	3.43	(2.56 - 4.59)	2.00	(1.43 - 2.79)
Circuit 20	2.91	(2.12 - 3.96)	1.46	(1.02 - 2.09)
<b>Georgia</b>	2.90	(2.27 - 3.69)	1.87	(1.47 - 2.37)
Region 1	2.64	(1.80 - 3.85)	1.65	(1.13 - 2.39)
Region 2	2.60	(1.80 - 3.76)	1.80	(1.24 - 2.59)
Region 3	3.12	(2.22 - 4.38)	2.00	(1.44 - 2.78)
Region 4	2.89	(1.94 - 4.30)	1.66	(1.09 - 2.51)
Region 5	2.80	(1.91 - 4.09)	1.94	(1.31 - 2.87)
<b>Hawaii</b>	3.74	(2.90 - 4.81)	1.66	(1.24 - 2.23)
Hawaii Island	4.03	(2.68 - 6.02)	1.59	(1.02 - 2.46)
Honolulu	3.70	(2.78 - 4.92)	1.64	(1.16 - 2.30)
Kauai and Maui**	3.65	(2.58 - 5.15)	1.84	(1.26 - 2.69)
Maui	3.76	(2.54 - 5.55)	1.84	(1.19 - 2.84)
<b>Idaho</b>	3.40	(2.79 - 4.14)	1.77	(1.43 - 2.18)
Region 1	3.14	(2.20 - 4.47)	1.61	(1.10 - 2.35)
Region 2	3.88	(2.78 - 5.40)	1.89	(1.27 - 2.80)
Region 3	3.20	(2.29 - 4.45)	1.63	(1.12 - 2.38)
Region 4	3.90	(2.90 - 5.23)	1.97	(1.43 - 2.71)
Region 5	3.12	(2.17 - 4.48)	1.57	(1.07 - 2.32)
Region 6	3.28	(2.33 - 4.60)	1.65	(1.15 - 2.37)
Region 7	2.87	(1.99 - 4.13)	1.87	(1.31 - 2.66)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Illinois</b>	3.61	(3.19 - 4.09)	2.01	(1.72 - 2.34)
Region I (Cook)	4.05	(3.38 - 4.84)	2.46	(1.93 - 3.14)
Region II	3.25	(2.65 - 3.97)	1.67	(1.33 - 2.09)
Region III	3.58	(2.81 - 4.54)	1.65	(1.21 - 2.23)
Region IV	3.23	(2.44 - 4.27)	1.63	(1.18 - 2.25)
Region V	3.12	(2.37 - 4.09)	1.75	(1.31 - 2.34)
<b>Indiana</b>	3.47	(2.89 - 4.16)	2.01	(1.65 - 2.46)
Central	3.41	(2.51 - 4.63)	2.01	(1.44 - 2.81)
East	3.08	(2.19 - 4.31)	1.81	(1.23 - 2.67)
North Central	3.74	(2.68 - 5.21)	2.09	(1.46 - 2.98)
Northeast	3.38	(2.41 - 4.72)	1.73	(1.18 - 2.53)
Northwest	3.18	(2.26 - 4.47)	1.86	(1.29 - 2.68)
Southeast	3.21	(2.25 - 4.56)	2.21	(1.53 - 3.19)
Southwest	3.30	(2.31 - 4.68)	2.20	(1.49 - 3.25)
West	4.26	(3.15 - 5.73)	2.16	(1.54 - 3.02)
<b>Iowa</b>	4.07	(3.36 - 4.92)	1.46	(1.11 - 1.91)
Central	4.54	(3.24 - 6.33)	1.59	(1.04 - 2.41)
North Central	4.11	(2.94 - 5.73)	1.53	(1.01 - 2.32)
Northeast	4.40	(3.30 - 5.85)	1.47	(1.01 - 2.16)
Northwest	3.51	(2.52 - 4.88)	1.33	(0.86 - 2.05)
Southeast	4.04	(2.95 - 5.51)	1.47	(0.99 - 2.19)
Southwest	3.33	(2.32 - 4.74)	1.30	(0.85 - 1.99)
<b>Kansas</b>	3.78	(3.09 - 4.61)	1.86	(1.48 - 2.33)
Kansas City Metro	3.96	(2.99 - 5.23)	2.07	(1.48 - 2.91)
Northeast	3.90	(2.82 - 5.36)	1.69	(1.15 - 2.49)
South Central	3.08	(2.13 - 4.42)	1.76	(1.20 - 2.57)
Southeast	3.86	(2.64 - 5.61)	1.72	(1.13 - 2.62)
West	3.83	(2.69 - 5.43)	1.66	(1.10 - 2.51)
Wichita (Sedgwick)	3.77	(2.68 - 5.27)	1.92	(1.32 - 2.78)
<b>Kentucky</b>	2.91	(2.36 - 3.59)	2.09	(1.67 - 2.60)
Adanta, Cumberland River, and Lifeskills	2.71	(1.89 - 3.88)	1.93	(1.31 - 2.83)
Bluegrass, Comprehend, and North Key	3.12	(2.25 - 4.29)	2.32	(1.64 - 3.29)
Communicare and River Valley	2.76	(1.91 - 3.97)	2.08	(1.44 - 3.00)
Four Rivers and Pennyroyal	2.71	(1.88 - 3.90)	1.93	(1.29 - 2.89)
Kentucky River, Mountain, and Pathways	2.60	(1.83 - 3.67)	1.75	(1.18 - 2.59)
Seven Counties	3.15	(2.23 - 4.43)	2.15	(1.51 - 3.05)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Louisiana</b>	3.13	(2.51 - 3.91)	2.03	(1.62 - 2.55)
Region 1	3.44	(2.29 - 5.13)	2.49	(1.60 - 3.83)
Regions 2 and 9	3.12	(2.24 - 4.33)	2.03	(1.42 - 2.88)
Region 3	2.93	(1.99 - 4.29)	1.87	(1.27 - 2.75)
Region 4	3.13	(2.17 - 4.51)	1.84	(1.23 - 2.73)
Regions 5 and 6	2.93	(2.03 - 4.20)	2.01	(1.37 - 2.96)
Regions 7 and 8	3.00	(2.08 - 4.33)	2.01	(1.38 - 2.93)
Region 10 (Jefferson)	3.45	(2.31 - 5.13)	1.93	(1.27 - 2.92)
<b>Maine</b>	3.27	(2.66 - 4.01)	2.17	(1.77 - 2.66)
Aroostook/Downeast	2.98	(2.05 - 4.32)	2.10	(1.42 - 3.09)
Central	3.04	(2.13 - 4.31)	1.93	(1.33 - 2.80)
Cumberland	4.08	(2.89 - 5.75)	2.32	(1.64 - 3.28)
Midcoast	2.89	(2.00 - 4.17)	2.22	(1.52 - 3.25)
Penquis	3.19	(2.26 - 4.48)	2.17	(1.53 - 3.09)
Western	3.10	(2.14 - 4.47)	2.29	(1.62 - 3.24)
York	3.06	(2.13 - 4.38)	2.06	(1.44 - 2.95)
<b>Maryland</b>	2.88	(2.30 - 3.60)	1.85	(1.49 - 2.29)
Anne Arundel	2.70	(1.81 - 4.02)	1.80	(1.20 - 2.68)
Baltimore City	3.64	(2.47 - 5.34)	2.57	(1.68 - 3.89)
Baltimore County	2.77	(1.91 - 4.01)	1.72	(1.16 - 2.55)
Montgomery	2.67	(1.82 - 3.90)	1.49	(1.01 - 2.19)
North Central	3.00	(2.00 - 4.47)	1.74	(1.17 - 2.58)
Northeast	2.68	(1.82 - 3.93)	2.11	(1.45 - 3.06)
Prince George's	2.96	(2.00 - 4.35)	1.85	(1.22 - 2.80)
South	2.62	(1.78 - 3.85)	1.79	(1.21 - 2.64)
West	2.88	(1.96 - 4.22)	1.76	(1.19 - 2.60)
<b>Massachusetts</b>	3.72	(3.04 - 4.54)	2.15	(1.76 - 2.63)
Boston	4.87	(3.52 - 6.72)	2.82	(1.97 - 4.03)
Central	3.41	(2.39 - 4.83)	2.17	(1.49 - 3.13)
Metrowest	3.85	(2.78 - 5.31)	1.83	(1.29 - 2.58)
Northeast	3.16	(2.19 - 4.52)	1.82	(1.27 - 2.61)
Southeast	3.44	(2.47 - 4.78)	2.12	(1.51 - 2.97)
Western	3.96	(2.85 - 5.48)	2.61	(1.81 - 3.75)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Michigan</b>	3.57	(3.17 - 4.01)	2.19	(1.93 - 2.49)
Bay	3.43	(2.50 - 4.69)	1.87	(1.32 - 2.64)
Detroit City	5.10	(3.72 - 6.94)	3.80	(2.70 - 5.34)
Genesee	3.56	(2.63 - 4.81)	2.63	(1.90 - 3.63)
Kalamazoo	3.43	(2.55 - 4.62)	2.00	(1.46 - 2.73)
Kent	3.97	(3.00 - 5.25)	2.52	(1.87 - 3.38)
Lakeshore	3.51	(2.68 - 4.59)	1.92	(1.40 - 2.61)
Macomb	3.33	(2.47 - 4.46)	1.86	(1.39 - 2.50)
Mid South	3.56	(2.77 - 4.57)	1.91	(1.43 - 2.54)
Northern	2.92	(2.21 - 3.84)	1.44	(1.01 - 2.05)
Oakland	3.48	(2.67 - 4.51)	2.56	(1.98 - 3.31)
Pathways	3.70	(2.64 - 5.15)	1.95	(1.35 - 2.79)
Saginaw	3.37	(2.38 - 4.75)	1.90	(1.29 - 2.78)
Southeast	3.30	(2.51 - 4.32)	1.89	(1.44 - 2.47)
St. Clair	3.26	(2.33 - 4.56)	1.79	(1.26 - 2.54)
Washtenaw	3.53	(2.66 - 4.66)	2.28	(1.69 - 3.09)
Western	3.37	(2.40 - 4.71)	1.87	(1.29 - 2.69)
<b>Minnesota</b>	3.67	(3.00 - 4.49)	1.75	(1.41 - 2.19)
Regions 1 and 2	3.50	(2.44 - 4.99)	1.63	(1.10 - 2.41)
Regions 3 and 4	3.86	(2.80 - 5.29)	1.66	(1.17 - 2.35)
Regions 5 and 6	3.49	(2.53 - 4.80)	1.65	(1.13 - 2.40)
Region 7A (Hennepin)	3.77	(2.66 - 5.32)	1.92	(1.34 - 2.75)
Region 7B (Ramsey)	4.03	(2.79 - 5.78)	1.98	(1.33 - 2.95)
Region 7C	3.50	(2.52 - 4.83)	1.70	(1.19 - 2.41)
<b>Mississippi</b>	3.15	(2.54 - 3.90)	1.91	(1.54 - 2.38)
Region 1	3.10	(2.21 - 4.35)	1.76	(1.22 - 2.52)
Region 2	3.34	(2.30 - 4.82)	1.89	(1.26 - 2.82)
Region 3	2.86	(2.00 - 4.08)	1.68	(1.14 - 2.48)
Region 4	3.32	(2.31 - 4.76)	2.07	(1.45 - 2.96)
Region 5	2.87	(1.94 - 4.24)	1.64	(1.09 - 2.48)
Region 6	2.93	(2.02 - 4.22)	1.80	(1.22 - 2.63)
Region 7	3.39	(2.42 - 4.74)	2.37	(1.64 - 3.41)
<b>Missouri</b>	3.81	(3.14 - 4.61)	1.74	(1.40 - 2.16)
Central	3.40	(2.38 - 4.83)	1.65	(1.16 - 2.36)
Eastern	4.19	(3.19 - 5.49)	1.78	(1.32 - 2.39)
Eastern (St. Louis City and County)	4.49	(3.21 - 6.24)	1.82	(1.26 - 2.61)
Eastern (excluding St. Louis)	3.60	(2.59 - 4.98)	1.69	(1.16 - 2.46)
Northwest	3.85	(2.91 - 5.07)	1.69	(1.23 - 2.31)
Northwest (Jackson)	3.97	(2.77 - 5.65)	1.83	(1.23 - 2.72)
Northwest (excluding Jackson)	3.74	(2.60 - 5.35)	1.56	(1.03 - 2.35)
Southeast	3.44	(2.44 - 4.83)	1.78	(1.24 - 2.56)
Southwest	3.56	(2.62 - 4.81)	1.76	(1.23 - 2.51)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Montana</b>	4.29	(3.49 - 5.25)	2.01	(1.63 - 2.48)
Region 1	3.74	(2.54 - 5.48)	1.71	(1.16 - 2.52)
Region 2	3.69	(2.61 - 5.20)	1.83	(1.25 - 2.67)
Region 3	4.33	(3.16 - 5.89)	2.01	(1.43 - 2.82)
Region 4	4.51	(3.35 - 6.03)	1.85	(1.33 - 2.58)
Region 5	4.52	(3.33 - 6.09)	2.33	(1.70 - 3.18)
<b>Nebraska</b>	3.68	(3.07 - 4.40)	1.79	(1.43 - 2.25)
Regions 1 and 2	3.18	(2.23 - 4.51)	1.66	(1.11 - 2.47)
Region 3	3.14	(2.21 - 4.45)	1.56	(1.06 - 2.30)
Region 4	3.44	(2.46 - 4.80)	1.66	(1.13 - 2.41)
Region 5	4.31	(3.21 - 5.75)	1.60	(1.11 - 2.29)
Region 6	3.67	(2.80 - 4.81)	2.08	(1.52 - 2.85)
<b>Nevada</b>	3.54	(2.82 - 4.44)	1.88	(1.44 - 2.46)
Clark	3.50	(2.65 - 4.61)	1.94	(1.41 - 2.66)
Rural	3.15	(2.25 - 4.41)	1.77	(1.21 - 2.59)
Washoe	4.09	(2.93 - 5.67)	1.71	(1.16 - 2.51)
<b>New Hampshire</b>	3.40	(2.77 - 4.18)	1.88	(1.51 - 2.33)
Central	3.37	(2.55 - 4.44)	1.87	(1.39 - 2.50)
Central 1	3.57	(2.52 - 5.02)	2.04	(1.43 - 2.91)
Central 2	3.18	(2.24 - 4.49)	1.70	(1.15 - 2.51)
Northern	3.84	(2.73 - 5.39)	2.08	(1.44 - 3.00)
Southern	3.32	(2.61 - 4.21)	1.83	(1.41 - 2.37)
Southern 1 (Rockingham)	3.18	(2.26 - 4.45)	1.63	(1.14 - 2.33)
Southern 2	3.41	(2.55 - 4.52)	1.95	(1.44 - 2.65)
<b>New Jersey</b>	2.78	(2.18 - 3.52)	1.72	(1.37 - 2.17)
Central	2.63	(1.80 - 3.83)	1.54	(1.06 - 2.22)
Metropolitan	2.77	(1.90 - 4.00)	2.02	(1.41 - 2.88)
Northern	2.67	(1.89 - 3.77)	1.60	(1.13 - 2.27)
Southern	3.12	(2.20 - 4.42)	1.77	(1.26 - 2.49)
<b>New Mexico</b>	4.09	(3.31 - 5.05)	2.13	(1.71 - 2.64)
Region 1	4.09	(2.88 - 5.79)	2.54	(1.75 - 3.67)
Region 2	4.31	(2.97 - 6.21)	1.67	(1.10 - 2.51)
Region 3 (Bernalillo)	4.28	(3.17 - 5.76)	2.20	(1.59 - 3.04)
Region 4	3.81	(2.67 - 5.41)	1.77	(1.20 - 2.60)
Region 5	3.81	(2.74 - 5.26)	2.18	(1.56 - 3.02)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>New York</b>	3.12	(2.73 - 3.58)	2.18	(1.88 - 2.52)
Region A	3.23	(2.68 - 3.90)	2.33	(1.90 - 2.86)
Region 1	3.12	(2.17 - 4.48)	2.48	(1.63 - 3.77)
Region 2	2.91	(2.15 - 3.92)	2.50	(1.86 - 3.35)
Region 3	4.65	(3.41 - 6.32)	2.79	(1.95 - 3.99)
Region 4	2.72	(1.95 - 3.77)	1.70	(1.17 - 2.48)
Region B	2.74	(2.24 - 3.36)	1.88	(1.50 - 2.36)
Region 5	2.57	(1.94 - 3.41)	1.88	(1.39 - 2.53)
Region 6	2.92	(2.09 - 4.08)	1.84	(1.29 - 2.62)
Region 7	3.01	(2.18 - 4.16)	1.97	(1.38 - 2.78)
Region C	3.22	(2.72 - 3.81)	2.26	(1.90 - 2.70)
Region 8	3.62	(2.69 - 4.85)	2.10	(1.52 - 2.88)
Region 9	3.31	(2.48 - 4.39)	2.17	(1.60 - 2.95)
Region 10	3.09	(2.24 - 4.25)	2.48	(1.79 - 3.43)
Region 11	2.65	(1.93 - 3.62)	2.15	(1.59 - 2.91)
Region 12	3.39	(2.52 - 4.56)	2.50	(1.85 - 3.36)
Region D	3.47	(2.77 - 4.35)	2.08	(1.67 - 2.59)
Region 13	3.64	(2.51 - 5.26)	2.05	(1.46 - 2.88)
Region 14	3.40	(2.41 - 4.78)	2.02	(1.42 - 2.87)
Region 15	3.40	(2.47 - 4.65)	2.16	(1.56 - 3.00)
<b>North Carolina</b>	3.00	(2.38 - 3.77)	2.08	(1.65 - 2.62)
Eastern	3.14	(2.19 - 4.48)	1.93	(1.32 - 2.80)
North Central	2.85	(1.94 - 4.17)	2.21	(1.49 - 3.26)
South Central	2.69	(1.90 - 3.81)	2.09	(1.47 - 2.96)
Western	3.23	(2.35 - 4.43)	2.06	(1.49 - 2.85)
<b>North Dakota</b>	3.82	(3.17 - 4.60)	1.51	(1.17 - 1.96)
Badlands and West Central Lake Region and South Central	3.53	(2.58 - 4.80)	1.37	(0.93 - 2.00)
North Central and Northwest	3.12	(2.19 - 4.43)	1.31	(0.85 - 2.02)
Northeast	3.57	(2.61 - 4.87)	1.48	(1.00 - 2.18)
Southeast	4.18	(3.09 - 5.62)	1.73	(1.16 - 2.56)
Southeast	4.50	(3.38 - 5.97)	1.69	(1.16 - 2.45)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	3.13	(2.77 - 3.54)	1.99	(1.74 - 2.29)
Boards 2, 46, 55, and 68	2.86	(2.06 - 3.95)	1.77	(1.24 - 2.52)
Boards 3, 52, and 85	2.68	(1.92 - 3.73)	1.74	(1.22 - 2.47)
Boards 4 and 78	2.91	(2.10 - 4.04)	1.66	(1.13 - 2.42)
Boards 5 and 60	3.36	(2.49 - 4.52)	1.95	(1.38 - 2.75)
Boards 7, 15, 41, 79, and 84	2.87	(2.07 - 3.96)	1.65	(1.15 - 2.35)
Boards 8, 13, and 83	2.44	(1.72 - 3.47)	1.78	(1.24 - 2.54)
Board 9 (Butler)	3.19	(2.31 - 4.39)	1.93	(1.36 - 2.75)
Board 12	2.84	(2.03 - 3.98)	2.04	(1.43 - 2.91)
Boards 18 and 47	2.93	(2.20 - 3.88)	1.77	(1.30 - 2.39)
Boards 20, 32, 54, and 69	3.01	(2.16 - 4.17)	1.69	(1.17 - 2.44)
Boards 21, 39, 51, 70, and 80	2.69	(1.93 - 3.72)	1.75	(1.22 - 2.51)
Boards 22, 74, and 87	3.53	(2.54 - 4.90)	2.09	(1.46 - 2.98)
Boards 23 and 45	3.03	(2.20 - 4.15)	1.98	(1.38 - 2.82)
Board 25 (Franklin)	3.95	(3.04 - 5.11)	2.50	(1.83 - 3.40)
Boards 27, 71, and 73	2.79	(2.04 - 3.80)	1.95	(1.37 - 2.78)
Boards 28, 43, and 67	3.60	(2.62 - 4.93)	1.97	(1.43 - 2.70)
Board 31 (Hamilton)	3.49	(2.58 - 4.70)	2.37	(1.69 - 3.29)
Board 48 (Lucas)	3.38	(2.50 - 4.57)	1.89	(1.32 - 2.70)
Boards 50 and 76	2.97	(2.17 - 4.05)	1.66	(1.16 - 2.37)
Board 57 (Montgomery)	3.20	(2.35 - 4.33)	2.67	(1.90 - 3.74)
Board 77 (Summit)	3.11	(2.26 - 4.28)	2.46	(1.68 - 3.59)
<b>Oklahoma</b>	3.28	(2.66 - 4.04)	2.00	(1.60 - 2.50)
Central	3.08	(2.16 - 4.37)	1.95	(1.33 - 2.85)
East Central	2.68	(1.85 - 3.86)	1.70	(1.13 - 2.54)
Northeast	3.09	(2.13 - 4.44)	2.11	(1.39 - 3.20)
Northwest and Southwest	3.51	(2.50 - 4.91)	1.80	(1.21 - 2.68)
Oklahoma County	3.61	(2.57 - 5.04)	2.18	(1.50 - 3.16)
Southeast	2.79	(1.95 - 3.99)	1.89	(1.27 - 2.79)
Tulsa County	3.86	(2.70 - 5.48)	2.24	(1.54 - 3.25)
<b>Oregon</b>	3.44	(2.84 - 4.16)	1.87	(1.49 - 2.35)
Region 1 (Multnomah)	3.90	(2.80 - 5.40)	2.26	(1.59 - 3.21)
Region 2	3.96	(2.91 - 5.38)	2.03	(1.44 - 2.85)
Region 3	3.22	(2.42 - 4.25)	1.60	(1.14 - 2.25)
Region 4	2.82	(1.99 - 3.98)	1.66	(1.12 - 2.45)
Region 5	3.02	(2.13 - 4.25)	1.90	(1.26 - 2.85)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Pennsylvania</b>	3.06	(2.69 - 3.48)	1.72	(1.49 - 2.00)
Region 1 (Allegheny)	3.29	(2.49 - 4.34)	2.03	(1.46 - 2.82)
Regions 2, 3, 8, and 9	2.80	(2.06 - 3.80)	1.42	(0.99 - 2.04)
Regions 4, 11, 37, and 49	2.86	(2.13 - 3.85)	1.63	(1.17 - 2.25)
Regions 5, 18, 23, 24, and 46	2.63	(1.97 - 3.51)	1.22	(0.83 - 1.80)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	3.65	(2.84 - 4.68)	1.48	(1.07 - 2.06)
Regions 7, 13, 20, and 33	2.75	(2.14 - 3.52)	1.93	(1.50 - 2.48)
Regions 10, 14, 15, 27, 32, 43, and 44	2.89	(2.11 - 3.95)	1.78	(1.25 - 2.54)
Regions 17 and 21	3.63	(2.66 - 4.92)	1.57	(1.08 - 2.28)
Regions 19, 26, 28, and 42	2.63	(1.98 - 3.49)	1.31	(0.95 - 1.80)
Regions 22, 38, 40, 41, and 48	2.68	(1.94 - 3.69)	1.62	(1.14 - 2.28)
Regions 25 and 30	3.23	(2.35 - 4.42)	1.83	(1.24 - 2.70)
Regions 29 and 34	2.73	(1.92 - 3.87)	1.39	(0.95 - 2.04)
Region 36 (Philadelphia)	4.13	(3.12 - 5.43)	2.26	(1.69 - 3.02)
<b>Rhode Island</b>	3.94	(3.18 - 4.85)	2.54	(2.06 - 3.13)
Bristol and Newport	3.61	(2.50 - 5.20)	2.22	(1.53 - 3.22)
Kent	3.32	(2.27 - 4.83)	2.11	(1.48 - 3.00)
Providence	4.08	(3.12 - 5.30)	2.75	(2.11 - 3.58)
Washington	4.39	(3.15 - 6.09)	2.42	(1.71 - 3.41)
<b>South Carolina</b>	3.41	(2.75 - 4.23)	1.86	(1.49 - 2.33)
Region 1	2.97	(2.13 - 4.12)	1.92	(1.35 - 2.73)
Region 2	3.58	(2.59 - 4.92)	1.89	(1.35 - 2.65)
Region 3	3.27	(2.26 - 4.73)	1.94	(1.33 - 2.82)
Region 4	3.78	(2.69 - 5.28)	1.71	(1.18 - 2.46)
<b>South Dakota</b>	3.73	(3.08 - 4.52)	1.48	(1.15 - 1.90)
Region 1	3.64	(2.65 - 4.99)	1.42	(0.95 - 2.13)
Region 2	3.64	(2.68 - 4.93)	1.47	(1.01 - 2.13)
Region 3	3.70	(2.69 - 5.08)	1.36	(0.92 - 2.00)
Region 4	4.28	(3.02 - 6.04)	1.61	(1.07 - 2.40)
Region 5	3.60	(2.50 - 5.15)	1.38	(0.91 - 2.11)
Region 6	3.17	(2.21 - 4.54)	1.49	(0.96 - 2.30)
Region 7	4.04	(2.84 - 5.73)	1.65	(1.10 - 2.48)
<b>Tennessee</b>	2.87	(2.34 - 3.52)	2.08	(1.68 - 2.57)
Region 1	2.49	(1.68 - 3.66)	1.90	(1.26 - 2.86)
Region 2	2.71	(1.94 - 3.79)	2.03	(1.43 - 2.87)
Region 3	2.76	(1.95 - 3.88)	1.95	(1.36 - 2.79)
Region 4 (Davidson)	3.32	(2.30 - 4.77)	2.54	(1.73 - 3.73)
Region 5	2.92	(2.13 - 3.99)	2.03	(1.44 - 2.85)
Region 6	3.06	(2.07 - 4.50)	1.98	(1.33 - 2.96)
Region 7 (Shelby)	2.92	(1.96 - 4.34)	2.23	(1.52 - 3.26)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Texas</b>	3.33	(2.94 - 3.77)	1.83	(1.60 - 2.10)
Region 1	3.83	(2.80 - 5.20)	2.22	(1.60 - 3.09)
Region 2	2.93	(2.07 - 4.12)	1.67	(1.14 - 2.44)
Region 3	3.09	(2.52 - 3.78)	1.82	(1.49 - 2.23)
Region 3a	3.07	(2.39 - 3.93)	1.75	(1.34 - 2.27)
Region 3bc	3.12	(2.38 - 4.10)	1.96	(1.47 - 2.61)
Region 4	2.77	(2.00 - 3.83)	1.76	(1.26 - 2.45)
Region 5	2.94	(2.10 - 4.09)	2.20	(1.54 - 3.14)
Region 6	3.41	(2.73 - 4.25)	1.68	(1.33 - 2.12)
Region 6a	3.43	(2.70 - 4.35)	1.62	(1.24 - 2.12)
Region 6bc	3.25	(2.32 - 4.52)	2.14	(1.47 - 3.12)
Region 7	3.74	(3.01 - 4.63)	2.20	(1.75 - 2.76)
Region 7a	4.11	(3.14 - 5.38)	2.26	(1.68 - 3.04)
Region 7bcd	3.16	(2.30 - 4.34)	2.10	(1.52 - 2.90)
Region 8	3.59	(2.74 - 4.69)	1.67	(1.23 - 2.27)
Region 9	3.28	(2.31 - 4.65)	1.76	(1.21 - 2.55)
Region 10	3.19	(2.24 - 4.51)	1.86	(1.28 - 2.68)
Region 11	3.49	(2.69 - 4.52)	1.77	(1.31 - 2.37)
Region 11abd	3.81	(2.75 - 5.25)	1.76	(1.23 - 2.51)
Region 11c (Hidalgo)	2.86	(2.03 - 4.01)	1.78	(1.22 - 2.58)
<b>Utah</b>	3.47	(2.81 - 4.29)	2.13	(1.74 - 2.61)
Bear River, Northeastern, Summit, Tooele, and Wasatch	3.32	(2.34 - 4.69)	2.35	(1.61 - 3.43)
Central, Four Corners, San Juan, and Southwest	3.02	(2.13 - 4.28)	1.67	(1.13 - 2.45)
Davis County	3.40	(2.37 - 4.86)	2.20	(1.51 - 3.18)
Salt Lake County	3.81	(2.81 - 5.15)	2.19	(1.62 - 2.95)
Utah County	3.11	(2.19 - 4.40)	2.21	(1.55 - 3.14)
Weber, Morgan	3.50	(2.47 - 4.96)	2.01	(1.38 - 2.91)
<b>Vermont</b>	3.54	(2.89 - 4.33)	2.33	(1.92 - 2.82)
Champlain Valley	3.97	(3.06 - 5.13)	2.72	(2.11 - 3.50)
Rural Northeast	3.54	(2.53 - 4.91)	2.17	(1.60 - 2.94)
Rural Southeast	2.95	(2.02 - 4.29)	1.98	(1.37 - 2.86)
Rural Southwest	3.30	(2.33 - 4.66)	2.09	(1.47 - 2.95)
<b>Virginia</b>	3.29	(2.67 - 4.03)	1.86	(1.49 - 2.32)
Region 1	3.18	(2.23 - 4.50)	1.87	(1.30 - 2.69)
Region 2	3.19	(2.28 - 4.44)	1.61	(1.13 - 2.29)
Region 3	3.42	(2.45 - 4.75)	2.04	(1.44 - 2.89)
Region 4	3.45	(2.45 - 4.83)	1.85	(1.27 - 2.68)
Region 5	3.25	(2.33 - 4.52)	2.02	(1.41 - 2.88)

See notes at end of table.

(continued)

**Table C7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Washington</b>	3.56	(2.89 - 4.37)	2.28	(1.84 - 2.83)
Region 1	3.70	(2.64 - 5.17)	2.46	(1.69 - 3.57)
Region 2	3.11	(2.14 - 4.49)	2.29	(1.55 - 3.37)
Region 3	3.58	(2.51 - 5.07)	2.14	(1.51 - 3.03)
Region 4 (King)	3.73	(2.70 - 5.15)	2.39	(1.69 - 3.37)
Region 5	3.26	(2.29 - 4.62)	2.23	(1.54 - 3.22)
Region 6	3.62	(2.54 - 5.15)	2.13	(1.47 - 3.08)
<b>West Virginia</b>	3.05	(2.50 - 3.72)	1.94	(1.58 - 2.38)
Eastern Highland	2.99	(2.14 - 4.15)	1.72	(1.20 - 2.45)
Northern	3.82	(2.95 - 4.93)	2.34	(1.79 - 3.06)
Northern A and B	3.46	(2.41 - 4.94)	1.58	(1.03 - 2.41)
Northern C and D	4.01	(2.97 - 5.38)	2.73	(2.00 - 3.70)
South Central	2.67	(2.06 - 3.47)	1.80	(1.38 - 2.35)
South Central I	2.68	(1.84 - 3.89)	1.59	(1.08 - 2.33)
South Central II	2.86	(2.02 - 4.02)	2.25	(1.57 - 3.22)
South Central III	2.55	(1.76 - 3.67)	1.64	(1.11 - 2.40)
Southern	2.78	(2.05 - 3.76)	1.91	(1.40 - 2.60)
Southern I and III	2.75	(1.89 - 4.00)	1.87	(1.29 - 2.71)
Southern II	2.83	(1.97 - 4.05)	1.98	(1.31 - 2.99)
<b>Wisconsin</b>	3.90	(3.21 - 4.74)	1.80	(1.44 - 2.25)
Milwaukee	4.57	(3.29 - 6.31)	2.21	(1.50 - 3.26)
Northeastern	4.04	(2.90 - 5.60)	1.65	(1.12 - 2.43)
Northern	3.51	(2.43 - 5.07)	1.48	(0.98 - 2.24)
Southeastern	3.75	(2.69 - 5.20)	1.67	(1.17 - 2.39)
Southern	3.73	(2.69 - 5.15)	1.81	(1.24 - 2.65)
Western	3.60	(2.58 - 5.01)	1.91	(1.31 - 2.76)
<b>Wyoming</b>	3.64	(3.01 - 4.39)	2.02	(1.65 - 2.46)
Judicial District 1 (Laramie)	3.66	(2.61 - 5.10)	2.15	(1.46 - 3.15)
Judicial District 2	4.42	(3.21 - 6.05)	2.30	(1.60 - 3.30)
Judicial District 3	3.41	(2.44 - 4.74)	1.81	(1.27 - 2.58)
Judicial District 4	3.52	(2.44 - 5.06)	1.97	(1.32 - 2.94)
Judicial District 5	3.33	(2.37 - 4.66)	1.77	(1.20 - 2.60)
Judicial District 6	3.75	(2.69 - 5.19)	2.04	(1.41 - 2.94)
Judicial District 7 (Natrona)	3.72	(2.67 - 5.17)	2.14	(1.51 - 3.02)
Judicial District 8	3.00	(2.08 - 4.32)	1.68	(1.12 - 2.50)
Judicial District 9	3.77	(2.59 - 5.44)	2.11	(1.41 - 3.15)

\*\* A separate Kauai estimate is not being reported because of low precision. See Table D12 of Section D for more details.

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 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

<sup>1</sup> Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Total United States</b>	7.69	(7.51 - 7.87)	2.91	(2.80 - 3.02)	9.24	(9.02 - 9.46)
<b>Northeast</b>	7.17	(6.81 - 7.54)	2.89	(2.70 - 3.10)	8.84	(8.44 - 9.25)
<b>Midwest</b>	8.44	(8.13 - 8.76)	2.83	(2.67 - 3.00)	9.85	(9.51 - 10.20)
<b>South</b>	7.14	(6.86 - 7.43)	2.88	(2.73 - 3.04)	8.72	(8.40 - 9.04)
<b>West</b>	8.24	(7.84 - 8.67)	3.02	(2.81 - 3.26)	9.78	(9.33 - 10.25)
<b>Alabama</b>	6.14	(5.16 - 7.29)	2.91	(2.39 - 3.55)	7.58	(6.53 - 8.79)
Region 1	5.73	(4.43 - 7.39)	2.61	(1.91 - 3.55)	6.97	(5.58 - 8.69)
Region 2	6.43	(5.05 - 8.15)	3.25	(2.43 - 4.34)	8.13	(6.58 - 10.02)
Region 3	6.09	(4.59 - 8.04)	2.83	(2.01 - 3.96)	7.38	(5.77 - 9.38)
Region 4	6.28	(4.86 - 8.08)	2.89	(2.11 - 3.94)	7.72	(6.12 - 9.70)
<b>Alaska</b>	7.61	(6.54 - 8.84)	3.66	(2.98 - 4.49)	9.85	(8.63 - 11.22)
Gulf Coast	7.21	(5.45 - 9.49)	3.46	(2.42 - 4.92)	9.18	(7.13 - 11.75)
Rural	8.49	(6.35 - 11.26)	3.98	(2.61 - 6.02)	11.75	(9.03 - 15.16)
Southeast	7.99	(6.10 - 10.41)	3.61	(2.51 - 5.17)	10.33	(8.11 - 13.08)
Urban	7.47	(6.24 - 8.91)	3.65	(2.86 - 4.65)	9.57	(8.15 - 11.19)
<b>Arizona</b>	8.67	(7.46 - 10.07)	2.85	(2.32 - 3.50)	10.07	(8.80 - 11.51)
Maricopa	8.64	(7.24 - 10.27)	2.84	(2.20 - 3.68)	10.08	(8.51 - 11.91)
Pima	9.38	(7.30 - 11.97)	3.05	(2.18 - 4.26)	10.88	(8.63 - 13.64)
Rural North	9.27	(7.07 - 12.06)	2.84	(1.99 - 4.04)	10.53	(8.22 - 13.38)
Rural South	7.33	(5.41 - 9.85)	2.59	(1.76 - 3.80)	8.48	(6.45 - 11.08)
<b>Arkansas</b>	7.19	(6.20 - 8.34)	3.44	(2.88 - 4.11)	9.24	(8.16 - 10.46)
Areas 1 and 2	8.12	(6.43 - 10.22)	3.58	(2.61 - 4.89)	10.17	(8.28 - 12.42)
Areas 3 and 4	7.89	(6.17 - 10.03)	3.35	(2.48 - 4.52)	9.68	(7.78 - 11.99)
Areas 5 and 6	6.68	(5.19 - 8.55)	2.99	(2.17 - 4.11)	8.51	(6.83 - 10.55)
Areas 7, 12, and 13	7.23	(5.51 - 9.44)	4.04	(2.88 - 5.62)	9.72	(7.70 - 12.20)
Areas 8, 10, and 11	6.68	(5.18 - 8.57)	2.99	(2.16 - 4.12)	8.53	(6.76 - 10.71)
Area 9	6.48	(5.00 - 8.37)	3.77	(2.81 - 5.04)	8.84	(7.09 - 10.96)
<b>California</b>	8.11	(7.48 - 8.79)	3.07	(2.73 - 3.44)	9.63	(8.95 - 10.36)
Region 1	9.11	(7.20 - 11.46)	3.43	(2.49 - 4.71)	11.20	(8.99 - 13.88)
Region 2	9.87	(8.15 - 11.92)	3.39	(2.60 - 4.40)	11.39	(9.56 - 13.52)
Region 3	7.46	(5.91 - 9.37)	2.94	(2.14 - 4.04)	8.81	(7.09 - 10.90)
Region 4	8.59	(6.88 - 10.66)	3.05	(2.16 - 4.29)	10.34	(8.36 - 12.73)
Region 5	8.53	(6.96 - 10.42)	3.58	(2.64 - 4.84)	10.43	(8.67 - 12.50)
Region 6 (Santa Clara)	7.25	(5.77 - 9.06)	2.78	(2.04 - 3.78)	8.29	(6.70 - 10.23)
Region 7	8.65	(6.73 - 11.06)	3.35	(2.43 - 4.62)	10.02	(8.01 - 12.47)
Region 8	8.46	(6.77 - 10.53)	3.33	(2.50 - 4.41)	10.10	(8.24 - 12.31)
Region 9	8.73	(6.97 - 10.87)	3.52	(2.60 - 4.75)	10.52	(8.57 - 12.85)
Region 10	8.59	(6.85 - 10.73)	3.74	(2.77 - 5.03)	10.12	(8.22 - 12.40)
Region 11 (Los Angeles)	6.98	(5.99 - 8.11)	2.82	(2.30 - 3.45)	8.53	(7.47 - 9.73)
Region 12	7.07	(5.66 - 8.79)	2.61	(1.91 - 3.56)	8.40	(6.85 - 10.26)
Region 13 (Riverside)	8.47	(6.84 - 10.44)	3.16	(2.36 - 4.21)	9.86	(8.08 - 11.98)
Region 14 (Orange)	8.31	(6.78 - 10.15)	2.81	(2.11 - 3.75)	9.65	(7.97 - 11.63)
Region 15	9.25	(7.75 - 11.00)	3.08	(2.37 - 3.99)	10.63	(9.02 - 12.48)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Colorado</b>	9.80	(8.47 - 11.33)	3.26	(2.69 - 3.95)	11.50	(10.11 - 13.07)
Region 1	10.11	(8.05 - 12.62)	3.14	(2.28 - 4.30)	11.93	(9.75 - 14.53)
Regions 2 and 7	9.93	(8.26 - 11.89)	3.33	(2.59 - 4.27)	11.65	(9.83 - 13.74)
Region 3	8.82	(6.76 - 11.42)	3.49	(2.51 - 4.84)	10.91	(8.67 - 13.65)
Region 4	9.73	(7.42 - 12.67)	3.05	(2.13 - 4.36)	11.26	(8.75 - 14.38)
Regions 5 and 6	10.13	(7.83 - 13.01)	2.86	(2.01 - 4.08)	11.19	(8.85 - 14.04)
<b>Connecticut</b>	8.71	(7.52 - 10.07)	3.19	(2.66 - 3.82)	10.28	(8.98 - 11.74)
Eastern	9.56	(7.58 - 11.99)	3.54	(2.59 - 4.82)	11.16	(8.96 - 13.81)
North Central	8.21	(6.45 - 10.40)	3.24	(2.43 - 4.30)	10.17	(8.29 - 12.43)
Northwestern	8.44	(6.61 - 10.71)	3.28	(2.42 - 4.44)	10.02	(8.02 - 12.45)
South Central	8.63	(6.94 - 10.68)	2.90	(2.14 - 3.92)	9.76	(7.95 - 11.93)
Southwest	9.25	(7.18 - 11.83)	3.16	(2.30 - 4.33)	10.76	(8.47 - 13.56)
<b>Delaware</b>	6.46	(5.51 - 7.55)	3.00	(2.49 - 3.60)	8.29	(7.25 - 9.46)
Kent	6.74	(5.31 - 8.53)	3.20	(2.32 - 4.39)	8.60	(6.94 - 10.61)
New Castle (excluding Wilmington City)	6.68	(5.52 - 8.06)	2.87	(2.22 - 3.71)	8.38	(7.11 - 9.84)
Sussex	5.64	(4.22 - 7.50)	2.80	(1.96 - 3.97)	7.41	(5.80 - 9.43)
Wilmington City	6.61	(4.85 - 8.94)	3.81	(2.59 - 5.57)	9.27	(7.02 - 12.13)
<b>District of Columbia</b>	10.28	(8.89 - 11.87)	3.96	(3.16 - 4.96)	12.27	(10.81 - 13.89)
Ward 1	12.11	(9.31 - 15.61)	4.28	(2.81 - 6.46)	14.29	(11.24 - 17.99)
Ward 2	13.98	(11.42 - 17.01)	3.74	(2.66 - 5.23)	15.37	(12.60 - 18.62)
Ward 3	11.78	(9.21 - 14.95)	2.59	(1.71 - 3.91)	12.92	(10.35 - 16.00)
Ward 4	7.87	(5.79 - 10.61)	3.21	(2.01 - 5.09)	9.50	(7.20 - 12.44)
Ward 5	9.29	(7.16 - 11.97)	5.85	(3.88 - 8.73)	11.90	(9.46 - 14.87)
Ward 6	9.86	(7.42 - 12.99)	3.89	(2.55 - 5.91)	11.94	(9.15 - 15.44)
Ward 7	7.38	(5.48 - 9.88)	3.98	(2.64 - 5.96)	9.78	(7.56 - 12.56)
Ward 8	8.54	(6.48 - 11.17)	4.80	(3.32 - 6.88)	11.56	(9.16 - 14.50)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Florida</b>	7.50	(6.89 - 8.16)	2.80	(2.49 - 3.15)	8.95	(8.29 - 9.66)
Region A	8.97	(7.70 - 10.42)	3.76	(3.05 - 4.63)	10.91	(9.53 - 12.46)
Circuit 1	7.92	(6.29 - 9.94)	3.64	(2.66 - 4.96)	10.02	(8.10 - 12.35)
Circuit 2	11.22	(9.03 - 13.86)	4.42	(3.29 - 5.92)	13.27	(11.00 - 15.93)
Circuit 14	8.30	(6.43 - 10.66)	3.12	(2.23 - 4.34)	9.71	(7.60 - 12.34)
Region B	8.32	(7.22 - 9.57)	3.20	(2.65 - 3.86)	10.01	(8.84 - 11.31)
Circuits 3 and 8	9.20	(7.42 - 11.34)	3.52	(2.58 - 4.78)	10.77	(8.84 - 13.05)
Circuit 4	8.24	(6.67 - 10.14)	3.28	(2.50 - 4.30)	9.99	(8.28 - 12.00)
Circuit 7	7.78	(6.20 - 9.72)	2.86	(2.11 - 3.85)	9.48	(7.66 - 11.68)
Region C	7.59	(6.73 - 8.56)	2.77	(2.35 - 3.25)	8.90	(7.96 - 9.94)
Circuit 5	6.46	(5.03 - 8.26)	2.60	(1.88 - 3.59)	7.85	(6.28 - 9.77)
Circuit 9	8.85	(7.26 - 10.76)	3.02	(2.30 - 3.95)	10.32	(8.64 - 12.29)
Circuit 10	6.88	(5.40 - 8.73)	2.49	(1.77 - 3.51)	7.84	(6.19 - 9.89)
Circuit 18	7.80	(6.35 - 9.56)	2.98	(2.26 - 3.93)	9.13	(7.51 - 11.06)
Circuit 19	7.13	(5.51 - 9.19)	2.45	(1.71 - 3.49)	8.32	(6.52 - 10.56)
Region D	6.75	(5.92 - 7.69)	2.48	(2.06 - 2.99)	8.04	(7.13 - 9.06)
Circuits 11 and 16	6.36	(5.14 - 7.84)	2.42	(1.84 - 3.19)	7.47	(6.15 - 9.05)
Circuit 15 (Palm Beach)	7.20	(5.84 - 8.85)	2.67	(2.00 - 3.55)	8.73	(7.15 - 10.63)
Circuit 17 (Broward)	7.01	(5.75 - 8.52)	2.44	(1.83 - 3.24)	8.38	(6.98 - 10.02)
Region E	7.47	(6.59 - 8.47)	2.72	(2.28 - 3.25)	9.00	(7.98 - 10.14)
Circuit 6	7.04	(5.62 - 8.80)	2.60	(1.92 - 3.50)	8.50	(6.87 - 10.48)
Circuit 12	7.19	(5.53 - 9.29)	2.58	(1.83 - 3.64)	8.66	(6.77 - 11.01)
Circuit 13 (Hillsborough)	8.20	(6.69 - 10.01)	3.25	(2.48 - 4.25)	9.96	(8.30 - 11.90)
Circuit 20	7.48	(5.86 - 9.49)	2.42	(1.78 - 3.29)	8.90	(7.14 - 11.05)
<b>Georgia</b>	6.25	(5.24 - 7.43)	2.88	(2.35 - 3.53)	8.09	(6.97 - 9.36)
Region 1	5.96	(4.45 - 7.95)	2.81	(1.97 - 4.00)	7.71	(6.00 - 9.86)
Region 2	5.75	(4.32 - 7.60)	2.46	(1.75 - 3.46)	7.12	(5.55 - 9.09)
Region 3	6.72	(5.38 - 8.37)	3.20	(2.40 - 4.26)	8.88	(7.27 - 10.80)
Region 4	6.28	(4.68 - 8.38)	2.39	(1.65 - 3.45)	7.83	(6.14 - 9.95)
Region 5	5.61	(4.15 - 7.54)	2.92	(2.09 - 4.08)	7.37	(5.65 - 9.57)
<b>Hawaii</b>	7.28	(6.16 - 8.59)	2.54	(1.96 - 3.29)	8.49	(7.28 - 9.89)
Hawaii Island	7.47	(5.62 - 9.87)	2.42	(1.65 - 3.56)	8.68	(6.71 - 11.15)
Honolulu	7.24	(5.99 - 8.72)	2.54	(1.87 - 3.43)	8.43	(7.06 - 10.04)
Kauai and Maui**	7.34	(5.74 - 9.36)	2.66	(1.88 - 3.74)	8.62	(6.90 - 10.72)
Maui	7.73	(5.85 - 10.14)	2.61	(1.75 - 3.86)	8.89	(6.92 - 11.36)
<b>Idaho</b>	7.96	(6.91 - 9.15)	2.86	(2.39 - 3.42)	9.24	(8.18 - 10.41)
Region 1	7.45	(5.75 - 9.59)	2.35	(1.67 - 3.28)	8.59	(6.75 - 10.88)
Region 2	8.96	(7.02 - 11.39)	2.98	(2.10 - 4.20)	10.14	(8.02 - 12.73)
Region 3	7.38	(5.75 - 9.41)	2.93	(2.12 - 4.06)	8.80	(7.04 - 10.94)
Region 4	9.24	(7.43 - 11.44)	3.25	(2.46 - 4.27)	10.71	(8.89 - 12.86)
Region 5	7.27	(5.58 - 9.43)	2.68	(1.90 - 3.78)	8.47	(6.63 - 10.77)
Region 6	7.59	(5.88 - 9.74)	2.57	(1.81 - 3.63)	8.69	(6.88 - 10.92)
Region 7	6.73	(5.17 - 8.71)	2.90	(2.10 - 4.00)	7.85	(6.18 - 9.92)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Illinois</b>	8.05	(7.43 - 8.73)	2.88	(2.54 - 3.26)	9.44	(8.76 - 10.17)
Region I (Cook)	8.40	(7.45 - 9.46)	3.45	(2.85 - 4.19)	10.24	(9.15 - 11.46)
Region II	7.79	(6.83 - 8.87)	2.47	(2.04 - 3.00)	8.80	(7.81 - 9.89)
Region III	8.40	(7.10 - 9.91)	2.33	(1.79 - 3.02)	9.28	(7.97 - 10.77)
Region IV	7.60	(6.24 - 9.22)	2.39	(1.80 - 3.17)	8.70	(7.29 - 10.35)
Region V	7.24	(6.01 - 8.70)	2.60	(1.97 - 3.42)	8.58	(7.23 - 10.15)
<b>Indiana</b>	7.81	(6.80 - 8.96)	2.87	(2.40 - 3.44)	9.14	(8.06 - 10.33)
Central	7.69	(6.13 - 9.61)	2.80	(2.04 - 3.85)	9.05	(7.31 - 11.15)
East	7.40	(5.70 - 9.57)	2.58	(1.80 - 3.68)	8.33	(6.54 - 10.54)
North Central	7.79	(6.03 - 10.00)	2.83	(2.04 - 3.91)	9.20	(7.28 - 11.55)
Northeast	7.25	(5.64 - 9.27)	2.64	(1.88 - 3.68)	8.37	(6.61 - 10.56)
Northwest	7.26	(5.63 - 9.30)	2.80	(2.01 - 3.89)	8.64	(6.80 - 10.91)
Southeast	7.67	(5.93 - 9.86)	3.21	(2.26 - 4.55)	8.93	(7.05 - 11.25)
Southwest	8.02	(6.16 - 10.38)	3.04	(2.16 - 4.27)	9.82	(7.70 - 12.45)
West	9.46	(7.62 - 11.71)	3.16	(2.31 - 4.30)	10.78	(8.78 - 13.17)
<b>Iowa</b>	9.42	(8.30 - 10.67)	2.24	(1.79 - 2.80)	10.34	(9.18 - 11.63)
Central	9.79	(7.80 - 12.23)	2.38	(1.65 - 3.42)	10.95	(8.80 - 13.54)
North Central	9.83	(7.82 - 12.28)	2.36	(1.62 - 3.43)	10.67	(8.55 - 13.23)
Northeast	9.92	(8.21 - 11.94)	2.36	(1.70 - 3.26)	10.85	(9.07 - 12.94)
Northwest	8.25	(6.52 - 10.39)	2.00	(1.38 - 2.88)	9.11	(7.25 - 11.39)
Southeast	9.58	(7.78 - 11.74)	2.25	(1.58 - 3.20)	10.58	(8.71 - 12.80)
Southwest	8.65	(6.69 - 11.12)	1.95	(1.34 - 2.84)	9.15	(7.20 - 11.57)
<b>Kansas</b>	8.61	(7.48 - 9.88)	2.76	(2.26 - 3.37)	9.98	(8.85 - 11.23)
Kansas City Metro	9.59	(7.89 - 11.60)	3.19	(2.35 - 4.30)	11.15	(9.34 - 13.26)
Northeast	8.79	(6.96 - 11.05)	2.45	(1.72 - 3.46)	10.02	(8.14 - 12.27)
South Central	7.20	(5.56 - 9.27)	2.57	(1.85 - 3.57)	8.40	(6.65 - 10.55)
Southeast	8.43	(6.44 - 10.95)	2.67	(1.83 - 3.88)	9.82	(7.57 - 12.64)
West	8.04	(6.20 - 10.36)	2.42	(1.69 - 3.46)	9.28	(7.32 - 11.70)
Wichita (Sedgwick)	8.13	(6.38 - 10.30)	2.75	(1.94 - 3.88)	9.52	(7.68 - 11.73)
<b>Kentucky</b>	6.70	(5.74 - 7.81)	2.91	(2.38 - 3.55)	8.38	(7.36 - 9.53)
Adanta, Cumberland River, and Lifeskills	6.48	(4.98 - 8.38)	2.63	(1.86 - 3.70)	7.71	(6.07 - 9.74)
Bluegrass, Comprehend, and North Key	7.17	(5.74 - 8.93)	3.09	(2.25 - 4.23)	8.95	(7.26 - 10.98)
Communicare and River Valley	6.43	(4.85 - 8.48)	2.90	(2.02 - 4.15)	8.18	(6.42 - 10.36)
Four Rivers and Pennyroyal	6.50	(4.87 - 8.61)	2.77	(1.92 - 3.97)	8.09	(6.29 - 10.33)
Kentucky River, Mountain, and Pathways	5.92	(4.55 - 7.67)	2.65	(1.86 - 3.75)	7.45	(5.83 - 9.48)
Seven Counties	6.93	(5.37 - 8.89)	3.09	(2.25 - 4.24)	8.93	(7.17 - 11.06)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Louisiana</b>	7.51	(6.44 - 8.73)	3.04	(2.50 - 3.69)	9.44	(8.29 - 10.73)
Region 1	7.38	(5.51 - 9.82)	3.40	(2.28 - 5.03)	9.46	(7.23 - 12.29)
Regions 2 and 9	8.09	(6.52 - 10.00)	3.25	(2.36 - 4.47)	10.21	(8.39 - 12.37)
Region 3	7.37	(5.66 - 9.54)	3.21	(2.25 - 4.56)	9.59	(7.51 - 12.16)
Region 4	7.12	(5.44 - 9.27)	2.73	(1.92 - 3.88)	8.68	(6.80 - 11.03)
Regions 5 and 6	7.36	(5.71 - 9.45)	2.94	(2.07 - 4.17)	9.20	(7.34 - 11.48)
Regions 7 and 8	7.23	(5.65 - 9.20)	2.85	(2.08 - 3.90)	9.12	(7.35 - 11.26)
Region 10 (Jefferson)	7.61	(5.62 - 10.22)	2.80	(1.90 - 4.09)	9.29	(7.08 - 12.11)
<b>Maine</b>	7.35	(6.29 - 8.58)	3.35	(2.81 - 3.99)	9.84	(8.69 - 11.14)
Aroostook/Downeast	6.91	(5.13 - 9.26)	3.14	(2.23 - 4.41)	9.30	(7.24 - 11.86)
Central	6.93	(5.30 - 9.03)	3.02	(2.16 - 4.21)	9.04	(7.14 - 11.39)
Cumberland	8.83	(6.95 - 11.17)	3.60	(2.67 - 4.85)	11.41	(9.24 - 14.01)
Midcoast	6.70	(5.11 - 8.75)	3.39	(2.36 - 4.83)	9.33	(7.32 - 11.81)
Penquis	6.92	(5.33 - 8.93)	3.41	(2.53 - 4.59)	9.43	(7.53 - 11.74)
Western	7.12	(5.47 - 9.21)	3.74	(2.77 - 5.04)	9.76	(7.80 - 12.16)
York	7.09	(5.45 - 9.18)	2.98	(2.20 - 4.03)	9.60	(7.74 - 11.86)
<b>Maryland</b>	6.83	(5.83 - 7.97)	2.59	(2.11 - 3.18)	8.21	(7.13 - 9.43)
Anne Arundel	6.88	(5.10 - 9.20)	2.47	(1.69 - 3.58)	8.08	(6.11 - 10.61)
Baltimore City	7.57	(5.74 - 9.93)	3.41	(2.36 - 4.91)	9.76	(7.67 - 12.34)
Baltimore County	6.97	(5.39 - 8.98)	2.32	(1.63 - 3.29)	8.19	(6.42 - 10.39)
Montgomery	6.51	(5.01 - 8.42)	2.22	(1.53 - 3.22)	7.63	(5.93 - 9.76)
North Central	7.45	(5.62 - 9.83)	2.50	(1.71 - 3.65)	8.55	(6.69 - 10.88)
Northeast	6.85	(5.17 - 9.01)	2.92	(2.04 - 4.17)	8.48	(6.57 - 10.87)
Prince George's	6.53	(4.95 - 8.58)	2.75	(1.90 - 3.98)	8.16	(6.39 - 10.36)
South	6.16	(4.64 - 8.15)	2.53	(1.77 - 3.61)	7.32	(5.64 - 9.45)
West	6.81	(5.11 - 9.01)	2.42	(1.69 - 3.45)	7.96	(6.10 - 10.32)
<b>Massachusetts</b>	8.10	(7.00 - 9.35)	3.05	(2.54 - 3.65)	9.90	(8.73 - 11.20)
Boston	9.03	(7.04 - 11.53)	3.59	(2.56 - 5.01)	11.03	(8.92 - 13.57)
Central	8.12	(6.34 - 10.35)	3.30	(2.37 - 4.57)	10.41	(8.38 - 12.86)
Metrowest	8.43	(6.64 - 10.65)	2.66	(1.95 - 3.62)	9.64	(7.80 - 11.87)
Northeast	7.02	(5.39 - 9.09)	2.63	(1.92 - 3.58)	8.76	(6.95 - 10.99)
Southeast	7.95	(6.25 - 10.06)	3.03	(2.22 - 4.12)	9.67	(7.76 - 11.98)
Western	8.46	(6.68 - 10.65)	3.65	(2.70 - 4.90)	10.87	(8.79 - 13.37)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Michigan</b>	8.01	(7.41 - 8.64)	3.08	(2.76 - 3.43)	9.70	(9.05 - 10.40)
Bay	8.08	(6.47 - 10.05)	2.77	(2.01 - 3.81)	9.20	(7.48 - 11.27)
Detroit City	7.87	(6.33 - 9.76)	4.74	(3.51 - 6.36)	10.70	(8.88 - 12.84)
Genesee	8.06	(6.52 - 9.92)	3.79	(2.83 - 5.05)	10.75	(8.87 - 12.97)
Kalamazoo	7.98	(6.52 - 9.72)	2.65	(1.99 - 3.51)	9.25	(7.75 - 11.01)
Kent	8.45	(6.97 - 10.20)	3.32	(2.53 - 4.34)	10.31	(8.65 - 12.24)
Lakeshore	8.42	(7.00 - 10.09)	2.90	(2.25 - 3.73)	9.83	(8.33 - 11.57)
Macomb	7.91	(6.57 - 9.49)	3.00	(2.29 - 3.93)	9.79	(8.23 - 11.62)
Mid South	8.08	(6.79 - 9.58)	2.87	(2.22 - 3.70)	9.58	(8.17 - 11.21)
Northern	7.35	(6.07 - 8.88)	2.31	(1.73 - 3.09)	8.49	(7.07 - 10.17)
Oakland	8.29	(6.99 - 9.80)	3.43	(2.69 - 4.35)	10.14	(8.77 - 11.70)
Pathways	8.39	(6.62 - 10.59)	2.79	(1.99 - 3.90)	9.94	(8.01 - 12.28)
Saginaw	7.60	(5.89 - 9.74)	2.85	(2.02 - 4.01)	9.05	(7.15 - 11.39)
Southeast	7.92	(6.67 - 9.40)	2.62	(2.06 - 3.33)	9.49	(8.13 - 11.06)
St. Clair	7.53	(5.93 - 9.52)	2.57	(1.83 - 3.60)	8.70	(6.91 - 10.91)
Washtenaw	8.33	(6.91 - 10.02)	3.14	(2.38 - 4.12)	9.88	(8.24 - 11.81)
Western	7.07	(5.42 - 9.17)	2.63	(1.89 - 3.65)	8.74	(6.90 - 11.02)
<b>Minnesota</b>	9.20	(8.06 - 10.49)	2.64	(2.16 - 3.22)	10.50	(9.25 - 11.89)
Regions 1 and 2	9.26	(7.15 - 11.91)	2.58	(1.79 - 3.71)	10.42	(8.17 - 13.20)
Regions 3 and 4	8.64	(6.91 - 10.76)	2.45	(1.76 - 3.40)	9.76	(7.92 - 11.96)
Regions 5 and 6	9.60	(7.76 - 11.82)	2.42	(1.73 - 3.39)	10.83	(8.85 - 13.19)
Region 7A (Hennepin)	9.23	(7.32 - 11.59)	3.03	(2.16 - 4.24)	10.88	(8.82 - 13.36)
Region 7B (Ramsey)	8.96	(6.86 - 11.62)	2.67	(1.84 - 3.88)	10.20	(7.89 - 13.08)
Region 7C	9.32	(7.45 - 11.60)	2.55	(1.86 - 3.49)	10.55	(8.65 - 12.81)
<b>Mississippi</b>	6.22	(5.28 - 7.31)	2.88	(2.37 - 3.49)	7.76	(6.70 - 8.98)
Region 1	6.16	(4.78 - 7.92)	2.60	(1.85 - 3.63)	7.43	(5.87 - 9.36)
Region 2	6.82	(5.08 - 9.09)	2.81	(1.98 - 3.98)	8.39	(6.51 - 10.75)
Region 3	5.83	(4.45 - 7.61)	2.74	(1.95 - 3.84)	7.37	(5.74 - 9.42)
Region 4	6.31	(4.83 - 8.21)	3.02	(2.15 - 4.22)	8.08	(6.40 - 10.16)
Region 5	5.58	(4.12 - 7.52)	2.58	(1.75 - 3.79)	7.08	(5.31 - 9.39)
Region 6	5.75	(4.29 - 7.67)	2.69	(1.86 - 3.88)	7.20	(5.48 - 9.41)
Region 7	6.56	(5.09 - 8.41)	3.50	(2.45 - 4.97)	8.26	(6.57 - 10.33)
<b>Missouri</b>	9.23	(8.09 - 10.51)	2.87	(2.39 - 3.44)	10.43	(9.24 - 11.75)
Central	9.35	(7.48 - 11.62)	2.73	(1.94 - 3.83)	10.68	(8.60 - 13.17)
Eastern	9.73	(8.18 - 11.54)	2.95	(2.29 - 3.80)	10.86	(9.20 - 12.79)
Eastern (St. Louis City and County)	9.65	(7.80 - 11.90)	2.95	(2.14 - 4.05)	10.68	(8.69 - 13.06)
Eastern (excluding St. Louis)	9.89	(7.83 - 12.43)	2.96	(2.15 - 4.06)	11.22	(9.04 - 13.85)
Northwest	9.30	(7.64 - 11.28)	2.92	(2.23 - 3.81)	10.53	(8.78 - 12.59)
Northwest (Jackson)	9.57	(7.38 - 12.31)	3.26	(2.30 - 4.60)	11.08	(8.77 - 13.90)
Northwest (excluding Jackson)	9.07	(7.07 - 11.57)	2.61	(1.83 - 3.70)	10.04	(7.93 - 12.64)
Southeast	8.61	(6.80 - 10.85)	2.90	(2.13 - 3.93)	9.57	(7.64 - 11.93)
Southwest	8.34	(6.60 - 10.48)	2.69	(1.95 - 3.70)	9.73	(7.89 - 11.94)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Montana</b>	10.43	(9.17 - 11.85)	3.09	(2.60 - 3.67)	11.68	(10.38 - 13.13)
Region 1	9.30	(7.20 - 11.93)	2.53	(1.79 - 3.55)	10.23	(7.97 - 13.03)
Region 2	9.08	(7.13 - 11.51)	2.52	(1.79 - 3.54)	9.93	(7.91 - 12.40)
Region 3	10.51	(8.57 - 12.83)	2.95	(2.18 - 3.98)	11.76	(9.74 - 14.14)
Region 4	10.68	(8.91 - 12.75)	2.83	(2.14 - 3.72)	11.66	(9.77 - 13.86)
Region 5	11.15	(9.26 - 13.37)	3.85	(2.97 - 4.99)	12.92	(10.87 - 15.31)
<b>Nebraska</b>	9.62	(8.45 - 10.93)	2.39	(1.93 - 2.94)	10.47	(9.30 - 11.76)
Regions 1 and 2	8.16	(6.29 - 10.52)	2.21	(1.53 - 3.20)	8.92	(6.96 - 11.38)
Region 3	8.48	(6.61 - 10.82)	2.12	(1.47 - 3.07)	9.28	(7.32 - 11.70)
Region 4	8.46	(6.65 - 10.69)	2.27	(1.59 - 3.22)	9.28	(7.41 - 11.57)
Region 5	10.93	(9.01 - 13.21)	2.16	(1.56 - 2.99)	11.75	(9.82 - 14.01)
Region 6	9.96	(8.29 - 11.92)	2.70	(2.04 - 3.58)	10.88	(9.21 - 12.81)
<b>Nevada</b>	8.38	(7.22 - 9.71)	2.66	(2.13 - 3.31)	9.59	(8.34 - 11.01)
Clark	8.19	(6.83 - 9.78)	2.66	(2.02 - 3.50)	9.36	(7.93 - 11.03)
Rural	8.01	(6.29 - 10.14)	2.67	(1.90 - 3.74)	9.27	(7.35 - 11.62)
Washoe	9.60	(7.66 - 11.96)	2.63	(1.89 - 3.64)	10.89	(8.77 - 13.44)
<b>New Hampshire</b>	8.02	(6.93 - 9.27)	2.81	(2.35 - 3.36)	9.58	(8.43 - 10.87)
Central	8.21	(6.76 - 9.94)	2.93	(2.28 - 3.76)	9.81	(8.27 - 11.59)
Central 1	8.49	(6.70 - 10.70)	3.03	(2.20 - 4.14)	10.20	(8.22 - 12.58)
Central 2	7.94	(6.16 - 10.17)	2.84	(2.04 - 3.95)	9.43	(7.53 - 11.74)
Northern	9.08	(7.14 - 11.50)	2.94	(2.11 - 4.08)	10.88	(8.67 - 13.56)
Southern	7.70	(6.46 - 9.14)	2.73	(2.19 - 3.40)	9.18	(7.87 - 10.69)
Southern 1 (Rockingham)	7.22	(5.65 - 9.19)	2.47	(1.79 - 3.39)	8.55	(6.82 - 10.66)
Southern 2	7.98	(6.47 - 9.81)	2.89	(2.22 - 3.77)	9.57	(8.00 - 11.41)
<b>New Jersey</b>	6.45	(5.46 - 7.61)	2.45	(1.98 - 3.02)	7.93	(6.84 - 9.16)
Central	6.12	(4.66 - 8.00)	2.35	(1.64 - 3.35)	7.69	(6.05 - 9.74)
Metropolitan	6.26	(4.80 - 8.11)	2.82	(2.02 - 3.92)	8.00	(6.38 - 9.99)
Northern	6.12	(4.82 - 7.73)	2.11	(1.54 - 2.88)	7.31	(5.84 - 9.11)
Southern	7.58	(5.95 - 9.62)	2.64	(1.92 - 3.63)	9.06	(7.29 - 11.22)
<b>New Mexico</b>	8.80	(7.65 - 10.09)	3.07	(2.55 - 3.68)	10.30	(9.09 - 11.65)
Region 1	8.40	(6.53 - 10.75)	3.67	(2.64 - 5.07)	10.42	(8.44 - 12.79)
Region 2	9.26	(7.16 - 11.90)	2.61	(1.83 - 3.71)	10.15	(8.05 - 12.73)
Region 3 (Bernalillo)	9.41	(7.82 - 11.28)	3.11	(2.37 - 4.08)	11.10	(9.25 - 13.27)
Region 4	8.24	(6.34 - 10.64)	2.60	(1.86 - 3.62)	9.21	(7.19 - 11.74)
Region 5	8.25	(6.49 - 10.42)	3.03	(2.23 - 4.11)	9.77	(7.94 - 11.97)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>New York</b>	6.70	(6.10 - 7.36)	3.12	(2.75 - 3.53)	8.53	(7.85 - 9.25)
Region A	6.25	(5.45 - 7.14)	3.10	(2.61 - 3.67)	8.09	(7.22 - 9.05)
Region 1	5.35	(4.06 - 7.03)	3.42	(2.40 - 4.85)	7.08	(5.55 - 8.99)
Region 2	5.70	(4.63 - 7.01)	3.37	(2.60 - 4.37)	7.80	(6.55 - 9.27)
Region 3	9.25	(7.45 - 11.41)	3.38	(2.49 - 4.59)	11.62	(9.58 - 14.02)
Region 4	5.33	(4.21 - 6.73)	2.36	(1.70 - 3.26)	6.55	(5.27 - 8.10)
Region B	6.31	(5.46 - 7.29)	2.81	(2.30 - 3.44)	7.89	(6.94 - 8.97)
Region 5	6.35	(5.23 - 7.69)	2.74	(2.09 - 3.59)	7.94	(6.67 - 9.42)
Region 6	6.10	(4.82 - 7.70)	2.86	(2.07 - 3.93)	7.69	(6.19 - 9.53)
Region 7	6.51	(5.12 - 8.24)	2.99	(2.20 - 4.04)	8.04	(6.46 - 9.97)
Region C	7.66	(6.85 - 8.57)	3.44	(2.96 - 4.00)	9.70	(8.78 - 10.70)
Region 8	8.11	(6.62 - 9.91)	3.14	(2.41 - 4.08)	9.91	(8.26 - 11.84)
Region 9	7.29	(5.96 - 8.88)	3.57	(2.71 - 4.69)	9.29	(7.79 - 11.05)
Region 10	8.08	(6.57 - 9.89)	3.76	(2.81 - 5.02)	10.24	(8.44 - 12.36)
Region 11	6.73	(5.46 - 8.28)	3.21	(2.44 - 4.22)	8.89	(7.42 - 10.61)
Region 12	8.27	(6.77 - 10.08)	3.66	(2.79 - 4.79)	10.37	(8.72 - 12.29)
Region D	7.49	(6.46 - 8.66)	3.25	(2.65 - 3.98)	9.38	(8.16 - 10.77)
Region 13	7.36	(5.80 - 9.30)	2.89	(2.08 - 4.01)	8.73	(6.96 - 10.89)
Region 14	7.38	(5.76 - 9.40)	2.85	(2.02 - 4.02)	8.94	(7.09 - 11.23)
Region 15	7.71	(6.26 - 9.47)	3.95	(2.89 - 5.37)	10.38	(8.46 - 12.68)
<b>North Carolina</b>	6.31	(5.33 - 7.45)	3.16	(2.58 - 3.85)	8.25	(7.10 - 9.56)
Eastern	6.74	(5.24 - 8.64)	3.06	(2.18 - 4.26)	8.33	(6.58 - 10.49)
North Central	6.20	(4.71 - 8.14)	3.15	(2.24 - 4.42)	8.44	(6.63 - 10.69)
South Central	5.85	(4.48 - 7.60)	3.35	(2.44 - 4.59)	7.90	(6.22 - 9.97)
Western	6.46	(5.21 - 7.99)	3.07	(2.34 - 4.04)	8.32	(6.84 - 10.09)
<b>North Dakota</b>	9.91	(8.74 - 11.22)	2.20	(1.78 - 2.73)	10.91	(9.73 - 12.21)
Badlands and West Central Lake Region and South Central	9.31	(7.60 - 11.36)	2.06	(1.49 - 2.83)	10.10	(8.35 - 12.16)
North Central and Northwest	7.29	(5.68 - 9.30)	1.99	(1.36 - 2.90)	8.32	(6.55 - 10.51)
Northeast	9.65	(7.72 - 11.99)	2.02	(1.42 - 2.86)	10.78	(8.72 - 13.26)
Southeast	10.57	(8.66 - 12.86)	2.53	(1.81 - 3.51)	11.87	(9.84 - 14.26)
Southeast	11.88	(9.91 - 14.19)	2.43	(1.76 - 3.35)	12.84	(10.84 - 15.14)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	7.46	(6.87 - 8.10)	2.92	(2.61 - 3.28)	9.16	(8.51 - 9.85)
Boards 2, 46, 55, and 68	7.11	(5.66 - 8.90)	2.76	(2.01 - 3.77)	8.49	(6.84 - 10.49)
Boards 3, 52, and 85	6.34	(4.94 - 8.10)	2.86	(2.07 - 3.94)	7.67	(6.11 - 9.59)
Boards 4 and 78	7.42	(5.90 - 9.29)	2.44	(1.71 - 3.47)	8.80	(7.02 - 10.98)
Boards 5 and 60	7.56	(6.07 - 9.37)	3.10	(2.26 - 4.24)	9.45	(7.83 - 11.37)
Boards 7, 15, 41, 79, and 84	6.75	(5.40 - 8.41)	2.60	(1.86 - 3.61)	8.01	(6.47 - 9.88)
Boards 8, 13, and 83	6.86	(5.37 - 8.73)	2.77	(2.01 - 3.82)	8.55	(6.85 - 10.61)
Board 9 (Butler)	8.16	(6.49 - 10.21)	3.01	(2.19 - 4.14)	9.59	(7.74 - 11.82)
Board 12	6.41	(4.99 - 8.19)	2.85	(2.03 - 3.98)	7.91	(6.30 - 9.89)
Boards 18 and 47	7.29	(6.13 - 8.66)	2.52	(1.95 - 3.27)	8.78	(7.45 - 10.31)
Boards 20, 32, 54, and 69	7.17	(5.62 - 9.11)	2.63	(1.88 - 3.65)	8.71	(6.98 - 10.82)
Boards 21, 39, 51, 70, and 80	6.66	(5.29 - 8.36)	2.62	(1.89 - 3.62)	7.95	(6.41 - 9.82)
Boards 22, 74, and 87	8.39	(6.66 - 10.51)	3.09	(2.22 - 4.29)	10.22	(8.17 - 12.71)
Boards 23 and 45	7.46	(5.98 - 9.25)	2.80	(2.02 - 3.86)	8.84	(7.14 - 10.89)
Board 25 (Franklin)	8.72	(7.36 - 10.31)	3.60	(2.74 - 4.73)	10.75	(9.13 - 12.63)
Boards 27, 71, and 73	6.04	(4.68 - 7.77)	2.83	(2.08 - 3.85)	7.88	(6.34 - 9.75)
Boards 28, 43, and 67	7.69	(6.21 - 9.48)	2.83	(2.09 - 3.84)	9.27	(7.60 - 11.26)
Board 31 (Hamilton)	8.31	(6.84 - 10.07)	3.36	(2.47 - 4.54)	10.42	(8.65 - 12.51)
Board 48 (Lucas)	8.03	(6.43 - 10.00)	2.98	(2.14 - 4.13)	10.32	(8.42 - 12.60)
Boards 50 and 76	7.47	(6.03 - 9.21)	2.55	(1.84 - 3.52)	8.83	(7.25 - 10.72)
Board 57 (Montgomery)	7.37	(5.87 - 9.22)	3.43	(2.51 - 4.67)	9.79	(8.00 - 11.92)
Board 77 (Summit)	7.54	(6.01 - 9.42)	3.37	(2.45 - 4.63)	9.53	(7.84 - 11.54)
<b>Oklahoma</b>	7.48	(6.46 - 8.66)	2.86	(2.33 - 3.50)	9.06	(7.94 - 10.30)
Central	7.41	(5.75 - 9.51)	2.85	(2.00 - 4.06)	8.76	(6.93 - 11.01)
East Central	6.32	(4.77 - 8.32)	2.43	(1.67 - 3.53)	7.66	(5.96 - 9.79)
Northeast	7.45	(5.73 - 9.62)	3.02	(2.06 - 4.39)	9.17	(7.21 - 11.58)
Northwest and Southwest	7.71	(6.09 - 9.71)	2.46	(1.73 - 3.49)	9.01	(7.19 - 11.24)
Oklahoma County	7.82	(6.05 - 10.05)	2.96	(2.12 - 4.11)	9.83	(7.87 - 12.21)
Southeast	6.67	(5.09 - 8.69)	2.97	(2.07 - 4.25)	8.13	(6.39 - 10.29)
Tulsa County	8.50	(6.65 - 10.80)	3.21	(2.30 - 4.47)	10.12	(8.05 - 12.65)
<b>Oregon</b>	7.12	(6.12 - 8.26)	2.69	(2.23 - 3.25)	8.52	(7.46 - 9.71)
Region 1 (Multnomah)	8.11	(6.37 - 10.27)	3.40	(2.46 - 4.69)	10.21	(8.17 - 12.68)
Region 2	8.05	(6.36 - 10.15)	2.87	(2.14 - 3.82)	9.54	(7.85 - 11.55)
Region 3	6.52	(5.25 - 8.08)	2.31	(1.71 - 3.11)	7.64	(6.20 - 9.38)
Region 4	5.92	(4.53 - 7.71)	2.33	(1.64 - 3.32)	7.00	(5.39 - 9.03)
Region 5	6.70	(5.10 - 8.75)	2.64	(1.85 - 3.76)	7.95	(6.19 - 10.15)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Pennsylvania</b>	7.13	(6.57 - 7.74)	2.56	(2.27 - 2.88)	8.52	(7.90 - 9.20)
Region 1 (Allegheny)	8.03	(6.68 - 9.63)	2.68	(2.03 - 3.55)	9.56	(7.98 - 11.40)
Regions 2, 3, 8, and 9	7.40	(5.92 - 9.22)	2.44	(1.82 - 3.26)	8.81	(7.20 - 10.72)
Regions 4, 11, 37, and 49	6.89	(5.62 - 8.43)	2.76	(2.09 - 3.64)	8.45	(7.02 - 10.14)
Regions 5, 18, 23, 24, and 46	5.75	(4.61 - 7.14)	1.79	(1.27 - 2.53)	6.47	(5.20 - 8.01)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	8.60	(7.25 - 10.18)	2.40	(1.80 - 3.20)	9.61	(8.20 - 11.24)
Regions 7, 13, 20, and 33	7.25	(6.17 - 8.50)	2.68	(2.15 - 3.35)	8.71	(7.57 - 10.00)
Regions 10, 14, 15, 27, 32, 43, and 44	6.67	(5.33 - 8.31)	2.88	(2.13 - 3.89)	8.46	(6.90 - 10.34)
Regions 17 and 21	8.32	(6.67 - 10.33)	2.58	(1.87 - 3.56)	9.66	(7.94 - 11.71)
Regions 19, 26, 28, and 42	6.15	(5.08 - 7.44)	2.00	(1.53 - 2.62)	7.09	(5.89 - 8.52)
Regions 22, 38, 40, 41, and 48	6.26	(5.05 - 7.72)	2.30	(1.69 - 3.12)	7.65	(6.22 - 9.37)
Regions 25 and 30	7.25	(5.88 - 8.92)	2.61	(1.91 - 3.54)	8.81	(7.24 - 10.68)
Regions 29 and 34	6.09	(4.71 - 7.85)	2.01	(1.43 - 2.82)	7.02	(5.51 - 8.90)
Region 36 (Philadelphia)	7.77	(6.45 - 9.32)	3.39	(2.62 - 4.39)	9.78	(8.22 - 11.59)
<b>Rhode Island</b>	8.92	(7.70 - 10.32)	3.86	(3.21 - 4.63)	11.18	(9.85 - 12.66)
Bristol and Newport	8.61	(6.69 - 11.02)	3.51	(2.50 - 4.90)	10.56	(8.44 - 13.14)
Kent	7.66	(5.90 - 9.87)	3.37	(2.43 - 4.65)	9.98	(7.92 - 12.51)
Providence	9.13	(7.59 - 10.95)	4.02	(3.19 - 5.06)	11.40	(9.71 - 13.33)
Washington	9.93	(7.94 - 12.34)	4.06	(3.03 - 5.42)	12.34	(10.09 - 15.00)
<b>South Carolina</b>	7.63	(6.52 - 8.92)	3.06	(2.54 - 3.69)	9.23	(8.08 - 10.51)
Region 1	6.72	(5.22 - 8.61)	2.81	(2.05 - 3.84)	8.22	(6.59 - 10.22)
Region 2	8.24	(6.62 - 10.20)	3.29	(2.43 - 4.43)	9.97	(8.26 - 11.99)
Region 3	6.95	(5.34 - 8.99)	3.05	(2.17 - 4.28)	8.52	(6.72 - 10.76)
Region 4	8.36	(6.49 - 10.70)	3.07	(2.27 - 4.14)	9.89	(8.00 - 12.16)
<b>South Dakota</b>	9.92	(8.71 - 11.28)	2.29	(1.88 - 2.79)	10.70	(9.52 - 12.01)
Region 1	10.51	(8.41 - 13.05)	2.15	(1.50 - 3.08)	11.03	(8.97 - 13.49)
Region 2	10.40	(8.53 - 12.61)	2.27	(1.66 - 3.08)	10.98	(9.17 - 13.11)
Region 3	9.52	(7.64 - 11.81)	2.18	(1.58 - 3.01)	10.16	(8.22 - 12.50)
Region 4	10.16	(7.90 - 12.98)	2.52	(1.75 - 3.62)	11.33	(8.99 - 14.19)
Region 5	9.57	(7.53 - 12.10)	2.18	(1.49 - 3.17)	10.25	(8.12 - 12.87)
Region 6	9.24	(7.13 - 11.89)	2.27	(1.54 - 3.33)	10.33	(8.05 - 13.16)
Region 7	9.43	(7.45 - 11.87)	2.56	(1.82 - 3.57)	10.63	(8.64 - 13.02)
<b>Tennessee</b>	6.71	(5.78 - 7.77)	3.08	(2.55 - 3.72)	8.50	(7.44 - 9.69)
Region 1	6.82	(5.13 - 9.03)	3.04	(2.12 - 4.34)	8.63	(6.63 - 11.17)
Region 2	7.11	(5.58 - 9.00)	2.98	(2.18 - 4.07)	8.82	(7.06 - 10.97)
Region 3	6.36	(4.96 - 8.11)	2.96	(2.15 - 4.05)	8.21	(6.55 - 10.24)
Region 4 (Davidson)	6.80	(5.06 - 9.09)	3.27	(2.25 - 4.71)	8.90	(6.95 - 11.34)
Region 5	6.90	(5.49 - 8.65)	3.03	(2.22 - 4.12)	8.56	(6.96 - 10.49)
Region 6	6.69	(5.10 - 8.72)	2.86	(1.99 - 4.09)	8.02	(6.25 - 10.24)
Region 7 (Shelby)	6.18	(4.71 - 8.07)	3.47	(2.47 - 4.85)	8.28	(6.42 - 10.63)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Texas</b>	7.84	(7.21 - 8.53)	2.77	(2.47 - 3.11)	9.24	(8.58 - 9.95)
Region 1	9.50	(7.55 - 11.88)	3.42	(2.54 - 4.59)	11.12	(9.12 - 13.49)
Region 2	7.06	(5.40 - 9.17)	2.54	(1.80 - 3.55)	8.40	(6.63 - 10.60)
Region 3	7.35	(6.45 - 8.36)	2.60	(2.17 - 3.11)	8.73	(7.78 - 9.79)
Region 3a	7.43	(6.32 - 8.71)	2.61	(2.08 - 3.27)	8.93	(7.73 - 10.29)
Region 3bc	7.20	(5.89 - 8.78)	2.58	(1.98 - 3.36)	8.38	(7.03 - 9.97)
Region 4	6.35	(4.93 - 8.14)	2.65	(1.95 - 3.61)	7.65	(6.08 - 9.57)
Region 5	6.99	(5.43 - 8.96)	3.06	(2.23 - 4.20)	8.93	(7.12 - 11.14)
Region 6	8.19	(7.02 - 9.52)	2.63	(2.13 - 3.26)	9.52	(8.30 - 10.91)
Region 6a	8.21	(6.96 - 9.67)	2.55	(2.01 - 3.23)	9.52	(8.20 - 11.03)
Region 6bc	7.95	(6.24 - 10.08)	3.34	(2.39 - 4.67)	9.56	(7.62 - 11.92)
Region 7	8.84	(7.60 - 10.25)	3.22	(2.62 - 3.96)	10.51	(9.17 - 12.03)
Region 7a	9.06	(7.51 - 10.91)	3.30	(2.50 - 4.34)	10.77	(9.05 - 12.78)
Region 7bcd	8.49	(6.93 - 10.37)	3.11	(2.33 - 4.15)	10.13	(8.33 - 12.26)
Region 8	8.29	(6.78 - 10.10)	2.60	(1.98 - 3.40)	9.44	(7.85 - 11.31)
Region 9	7.62	(5.94 - 9.74)	2.70	(1.93 - 3.78)	8.96	(7.08 - 11.27)
Region 10	7.00	(5.45 - 8.95)	2.97	(2.14 - 4.11)	8.52	(6.74 - 10.72)
Region 11	7.65	(6.34 - 9.20)	2.96	(2.32 - 3.79)	8.98	(7.60 - 10.58)
Region 11abd	7.81	(6.21 - 9.77)	2.93	(2.15 - 3.98)	9.14	(7.38 - 11.27)
Region 11c (Hidalgo)	7.34	(5.68 - 9.44)	3.04	(2.20 - 4.19)	8.66	(6.96 - 10.72)
<b>Utah</b>	6.78	(5.78 - 7.93)	3.13	(2.62 - 3.75)	8.62	(7.51 - 9.87)
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.82	(5.19 - 8.92)	3.43	(2.45 - 4.79)	8.76	(6.84 - 11.16)
Central, Four Corners, San Juan, and Southwest	5.58	(4.15 - 7.47)	2.50	(1.75 - 3.58)	6.87	(5.25 - 8.96)
Davis County	6.61	(5.05 - 8.60)	3.35	(2.40 - 4.66)	8.82	(6.92 - 11.18)
Salt Lake County	7.27	(5.86 - 9.00)	3.16	(2.41 - 4.15)	9.33	(7.72 - 11.22)
Utah County	6.19	(4.75 - 8.02)	3.27	(2.40 - 4.43)	7.63	(6.02 - 9.62)
Weber, Morgan	7.33	(5.57 - 9.59)	2.96	(2.11 - 4.13)	9.14	(7.15 - 11.60)
<b>Vermont</b>	8.71	(7.65 - 9.91)	3.10	(2.63 - 3.66)	10.41	(9.17 - 11.80)
Champlain Valley	9.48	(8.04 - 11.16)	3.51	(2.80 - 4.40)	11.17	(9.56 - 13.02)
Rural Northeast	8.39	(6.77 - 10.36)	2.85	(2.18 - 3.73)	9.98	(8.13 - 12.20)
Rural Southeast	7.88	(6.17 - 10.02)	2.78	(2.03 - 3.79)	9.65	(7.64 - 12.11)
Rural Southwest	8.44	(6.64 - 10.67)	2.90	(2.09 - 4.03)	10.24	(8.10 - 12.86)
<b>Virginia</b>	7.30	(6.26 - 8.49)	2.64	(2.16 - 3.22)	8.50	(7.44 - 9.70)
Region 1	7.02	(5.46 - 8.97)	2.66	(1.92 - 3.67)	8.30	(6.61 - 10.37)
Region 2	7.34	(5.82 - 9.22)	2.20	(1.58 - 3.05)	8.20	(6.63 - 10.10)
Region 3	8.11	(6.26 - 10.45)	2.97	(2.15 - 4.08)	9.48	(7.58 - 11.80)
Region 4	7.18	(5.58 - 9.21)	2.72	(1.94 - 3.79)	8.38	(6.69 - 10.45)
Region 5	6.86	(5.33 - 8.80)	2.81	(2.02 - 3.88)	8.29	(6.59 - 10.38)

See notes at end of table.

(continued)

**Table C8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Washington</b>	8.29	(7.17 - 9.57)	3.11	(2.56 - 3.78)	10.10	(8.86 - 11.49)
Region 1	9.07	(7.04 - 11.63)	3.28	(2.35 - 4.56)	11.02	(8.73 - 13.82)
Region 2	7.26	(5.54 - 9.45)	3.15	(2.24 - 4.40)	9.15	(7.17 - 11.60)
Region 3	8.21	(6.39 - 10.48)	2.98	(2.10 - 4.21)	9.79	(7.81 - 12.20)
Region 4 (King)	8.86	(7.11 - 11.00)	3.18	(2.33 - 4.33)	10.81	(8.78 - 13.25)
Region 5	7.62	(5.94 - 9.71)	3.10	(2.22 - 4.32)	9.47	(7.53 - 11.86)
Region 6	7.94	(6.23 - 10.08)	2.98	(2.10 - 4.19)	9.52	(7.59 - 11.87)
<b>West Virginia</b>	6.67	(5.74 - 7.74)	2.94	(2.46 - 3.51)	8.22	(7.19 - 9.38)
Eastern Highland	6.43	(5.05 - 8.15)	2.61	(1.90 - 3.58)	7.63	(6.09 - 9.51)
Northern	7.94	(6.53 - 9.61)	3.39	(2.66 - 4.31)	9.84	(8.29 - 11.64)
Northern A and B	7.28	(5.51 - 9.57)	2.38	(1.62 - 3.48)	8.59	(6.67 - 11.01)
Northern C and D	8.27	(6.63 - 10.27)	3.90	(2.93 - 5.18)	10.47	(8.56 - 12.75)
South Central	6.13	(5.04 - 7.44)	2.79	(2.20 - 3.51)	7.60	(6.35 - 9.07)
South Central I	6.06	(4.57 - 8.00)	2.49	(1.77 - 3.51)	7.34	(5.68 - 9.44)
South Central II	6.25	(4.71 - 8.25)	3.27	(2.34 - 4.55)	8.30	(6.53 - 10.50)
South Central III	6.10	(4.68 - 7.90)	2.64	(1.90 - 3.67)	7.29	(5.67 - 9.32)
Southern	6.23	(4.96 - 7.81)	2.99	(2.27 - 3.92)	7.88	(6.39 - 9.68)
Southern I and III	6.23	(4.72 - 8.19)	2.90	(2.06 - 4.06)	7.86	(6.08 - 10.09)
Southern II	6.23	(4.67 - 8.26)	3.17	(2.20 - 4.55)	7.93	(6.09 - 10.26)
<b>Wisconsin</b>	9.96	(8.74 - 11.33)	2.81	(2.31 - 3.42)	11.33	(10.09 - 12.70)
Milwaukee	10.28	(8.12 - 12.92)	3.30	(2.31 - 4.70)	12.47	(10.14 - 15.24)
Northeastern	9.88	(8.03 - 12.10)	2.49	(1.77 - 3.49)	11.08	(9.14 - 13.37)
Northern	9.05	(6.97 - 11.68)	2.35	(1.64 - 3.37)	10.15	(7.94 - 12.88)
Southeastern	9.90	(7.92 - 12.31)	2.83	(2.02 - 3.94)	11.22	(9.21 - 13.61)
Southern	10.00	(8.09 - 12.29)	2.77	(1.98 - 3.85)	11.17	(9.18 - 13.53)
Western	10.37	(8.30 - 12.89)	3.06	(2.20 - 4.23)	11.52	(9.38 - 14.07)
<b>Wyoming</b>	9.70	(8.53 - 11.01)	3.00	(2.52 - 3.57)	11.43	(10.13 - 12.87)
Judicial District 1 (Laramie)	9.34	(7.36 - 11.78)	3.07	(2.20 - 4.26)	11.43	(9.28 - 14.00)
Judicial District 2	12.47	(10.16 - 15.23)	3.64	(2.66 - 4.95)	14.55	(11.98 - 17.55)
Judicial District 3	9.32	(7.43 - 11.62)	2.87	(2.08 - 3.95)	10.84	(8.80 - 13.28)
Judicial District 4	9.28	(7.04 - 12.13)	2.86	(1.97 - 4.15)	11.04	(8.55 - 14.14)
Judicial District 5	8.69	(6.69 - 11.21)	2.52	(1.76 - 3.61)	9.94	(7.73 - 12.69)
Judicial District 6	9.56	(7.48 - 12.14)	3.31	(2.37 - 4.60)	11.46	(9.20 - 14.19)
Judicial District 7 (Natrona)	9.87	(7.98 - 12.15)	3.17	(2.32 - 4.32)	11.76	(9.54 - 14.42)
Judicial District 8	8.38	(6.44 - 10.85)	2.41	(1.64 - 3.52)	9.62	(7.44 - 12.36)
Judicial District 9	10.14	(7.78 - 13.10)	2.94	(2.08 - 4.14)	11.66	(9.14 - 14.75)

\*\* A separate Kauai estimate is not being reported because of low precision. See Table D12 of Section D for more details.

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 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

<sup>1</sup> Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 NSDUHs***

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Total United States</b>	7.33	(7.14 - 7.53)	2.61	(2.51 - 2.72)
<b>Northeast</b>	6.81	(6.45 - 7.18)	2.51	(2.35 - 2.68)
<b>Midwest</b>	8.01	(7.69 - 8.34)	2.50	(2.36 - 2.65)
<b>South</b>	6.83	(6.54 - 7.13)	2.59	(2.45 - 2.74)
<b>West</b>	7.88	(7.45 - 8.33)	2.83	(2.62 - 3.05)
<b>Alabama</b>	5.74	(4.79 - 6.87)	2.34	(1.93 - 2.84)
Region 1	5.32	(4.08 - 6.93)	2.19	(1.60 - 2.98)
Region 2	6.00	(4.71 - 7.60)	2.38	(1.75 - 3.22)
Region 3	5.71	(4.31 - 7.52)	2.38	(1.68 - 3.37)
Region 4	5.94	(4.50 - 7.81)	2.45	(1.78 - 3.37)
<b>Alaska</b>	7.14	(6.10 - 8.35)	3.35	(2.74 - 4.08)
Gulf Coast	6.78	(5.13 - 8.90)	3.42	(2.35 - 4.94)
Rural	7.45	(5.48 - 10.06)	3.65	(2.34 - 5.67)
Southeast	7.44	(5.64 - 9.76)	3.07	(2.14 - 4.40)
Urban	7.11	(5.94 - 8.48)	3.33	(2.62 - 4.24)
<b>Arizona</b>	8.29	(7.10 - 9.67)	2.58	(2.11 - 3.17)
Maricopa	8.37	(6.96 - 10.04)	2.54	(1.96 - 3.30)
Pima	8.76	(6.80 - 11.23)	2.83	(1.99 - 4.01)
Rural North	8.56	(6.55 - 11.10)	2.66	(1.82 - 3.87)
Rural South	7.00	(5.16 - 9.44)	2.39	(1.61 - 3.53)
<b>Arkansas</b>	6.65	(5.68 - 7.77)	3.11	(2.59 - 3.72)
Areas 1 and 2	7.37	(5.76 - 9.38)	3.05	(2.21 - 4.21)
Areas 3 and 4	7.25	(5.67 - 9.23)	3.07	(2.24 - 4.20)
Areas 5 and 6	6.21	(4.81 - 7.99)	2.70	(1.95 - 3.74)
Areas 7, 12, and 13	6.60	(4.93 - 8.78)	3.58	(2.52 - 5.05)
Areas 8, 10, and 11	6.16	(4.78 - 7.91)	2.70	(1.94 - 3.75)
Area 9	6.20	(4.82 - 7.95)	3.56	(2.62 - 4.82)
<b>California</b>	7.83	(7.19 - 8.53)	2.90	(2.59 - 3.25)
Region 1	8.87	(6.98 - 11.20)	3.54	(2.51 - 4.96)
Region 2	9.57	(7.90 - 11.54)	3.27	(2.48 - 4.28)
Region 3	7.16	(5.63 - 9.07)	3.02	(2.14 - 4.26)
Region 4	8.29	(6.62 - 10.34)	2.76	(1.96 - 3.88)
Region 5	8.12	(6.60 - 9.96)	3.40	(2.45 - 4.70)
Region 6 (Santa Clara)	7.00	(5.55 - 8.81)	2.51	(1.85 - 3.40)
Region 7	8.33	(6.51 - 10.59)	3.16	(2.25 - 4.42)
Region 8	7.88	(6.24 - 9.90)	3.05	(2.19 - 4.22)
Region 9	8.59	(6.89 - 10.65)	3.53	(2.56 - 4.85)
Region 10	8.43	(6.74 - 10.50)	3.38	(2.49 - 4.59)
Region 11 (Los Angeles)	6.72	(5.74 - 7.85)	2.68	(2.17 - 3.31)
Region 12	6.94	(5.57 - 8.60)	2.57	(1.83 - 3.60)
Region 13 (Riverside)	8.25	(6.61 - 10.25)	3.00	(2.22 - 4.05)
Region 14 (Orange)	8.06	(6.57 - 9.85)	2.46	(1.82 - 3.30)
Region 15	8.99	(7.45 - 10.80)	2.91	(2.24 - 3.77)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Colorado</b>	9.44	(8.15 - 10.91)	3.01	(2.49 - 3.64)
Region 1	9.99	(7.95 - 12.47)	2.91	(2.11 - 4.01)
Regions 2 and 7	9.54	(7.97 - 11.39)	3.05	(2.35 - 3.94)
Region 3	8.53	(6.53 - 11.08)	3.33	(2.37 - 4.67)
Region 4	9.06	(6.87 - 11.86)	2.85	(1.92 - 4.20)
Regions 5 and 6	9.67	(7.43 - 12.49)	2.62	(1.83 - 3.72)
<b>Connecticut</b>	8.14	(6.99 - 9.45)	2.82	(2.35 - 3.37)
Eastern	9.12	(7.13 - 11.59)	3.23	(2.30 - 4.51)
North Central	7.36	(5.74 - 9.39)	2.95	(2.19 - 3.96)
Northwestern	7.83	(6.06 - 10.07)	2.79	(2.06 - 3.78)
South Central	8.29	(6.59 - 10.37)	2.59	(1.90 - 3.52)
Southwest	8.76	(6.86 - 11.13)	2.67	(1.96 - 3.62)
<b>Delaware</b>	6.02	(5.10 - 7.10)	2.77	(2.28 - 3.35)
Kent	6.15	(4.80 - 7.84)	3.06	(2.14 - 4.35)
New Castle (excluding Wilmington City)	6.40	(5.26 - 7.77)	2.56	(1.98 - 3.31)
Sussex	5.09	(3.80 - 6.78)	2.82	(1.94 - 4.07)
Wilmington City	5.85	(4.27 - 7.97)	3.30	(2.25 - 4.82)
<b>District of Columbia</b>	9.93	(8.58 - 11.46)	3.06	(2.47 - 3.80)
Ward 1	11.52	(8.82 - 14.92)	3.27	(2.18 - 4.86)
Ward 2	13.77	(11.13 - 16.93)	3.03	(2.15 - 4.26)
Ward 3	11.79	(9.39 - 14.71)	1.98	(1.32 - 2.95)
Ward 4	7.44	(5.44 - 10.08)	2.22	(1.41 - 3.48)
Ward 5	8.72	(6.75 - 11.20)	4.43	(2.87 - 6.79)
Ward 6	9.38	(6.95 - 12.54)	2.82	(1.86 - 4.26)
Ward 7	7.03	(5.22 - 9.39)	3.12	(2.08 - 4.65)
Ward 8	8.16	(6.18 - 10.71)	4.23	(2.92 - 6.10)

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 2004, 2005, and 2006 NSDUHs (continued)***

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Florida</b>	7.26	(6.62 - 7.96)	2.57	(2.28 - 2.90)
Region A	8.80	(7.58 - 10.20)	3.55	(2.85 - 4.42)
Circuit 1	7.82	(6.19 - 9.84)	3.53	(2.51 - 4.92)
Circuit 2	11.13	(9.02 - 13.67)	4.10	(3.02 - 5.56)
Circuit 14	7.89	(6.14 - 10.08)	2.84	(2.00 - 4.02)
Region B	8.02	(6.96 - 9.23)	2.99	(2.45 - 3.63)
Circuits 3 and 8	9.06	(7.30 - 11.18)	3.41	(2.46 - 4.70)
Circuit 4	7.81	(6.32 - 9.61)	3.02	(2.24 - 4.04)
Circuit 7	7.54	(5.98 - 9.47)	2.64	(1.92 - 3.62)
Region C	7.37	(6.48 - 8.37)	2.53	(2.14 - 2.99)
Circuit 5	6.31	(4.85 - 8.17)	2.38	(1.71 - 3.31)
Circuit 9	8.62	(7.09 - 10.44)	2.76	(2.05 - 3.70)
Circuit 10	6.61	(5.14 - 8.47)	2.33	(1.64 - 3.30)
Circuit 18	7.55	(6.04 - 9.40)	2.62	(1.97 - 3.46)
Circuit 19	6.95	(5.35 - 8.98)	2.36	(1.64 - 3.39)
Region D	6.47	(5.64 - 7.41)	2.23	(1.83 - 2.72)
Circuits 11 and 16	6.12	(4.92 - 7.58)	2.20	(1.62 - 2.98)
Circuit 15 (Palm Beach)	6.85	(5.45 - 8.58)	2.42	(1.82 - 3.21)
Circuit 17 (Broward)	6.71	(5.48 - 8.19)	2.14	(1.60 - 2.87)
Region E	7.27	(6.34 - 8.32)	2.52	(2.11 - 3.01)
Circuit 6	6.91	(5.50 - 8.64)	2.40	(1.77 - 3.26)
Circuit 12	6.85	(5.27 - 8.85)	2.38	(1.66 - 3.38)
Circuit 13 (Hillsborough)	8.00	(6.49 - 9.83)	3.11	(2.35 - 4.11)
Circuit 20	7.26	(5.69 - 9.22)	2.15	(1.56 - 2.96)
<b>Georgia</b>	6.01	(5.05 - 7.13)	2.66	(2.19 - 3.22)
Region 1	5.64	(4.22 - 7.49)	2.51	(1.75 - 3.58)
Region 2	5.42	(4.08 - 7.18)	2.19	(1.53 - 3.12)
Region 3	6.50	(5.18 - 8.14)	2.95	(2.23 - 3.88)
Region 4	6.03	(4.59 - 7.89)	2.29	(1.55 - 3.37)
Region 5	5.50	(4.12 - 7.29)	2.81	(1.95 - 4.04)
<b>Hawaii</b>	6.85	(5.80 - 8.08)	2.38	(1.83 - 3.09)
Hawaii Island	6.90	(5.14 - 9.20)	2.26	(1.48 - 3.44)
Honolulu	6.85	(5.68 - 8.23)	2.34	(1.72 - 3.17)
Kauai and Maui**	6.82	(5.38 - 8.63)	2.63	(1.81 - 3.80)
Maui	7.22	(5.50 - 9.43)	2.54	(1.66 - 3.86)
<b>Idaho</b>	7.70	(6.64 - 8.91)	2.61	(2.20 - 3.10)
Region 1	7.16	(5.49 - 9.28)	2.16	(1.52 - 3.05)
Region 2	8.73	(6.80 - 11.15)	2.73	(1.89 - 3.93)
Region 3	7.01	(5.40 - 9.05)	2.72	(1.94 - 3.81)
Region 4	8.98	(7.20 - 11.13)	2.92	(2.19 - 3.88)
Region 5	6.87	(5.19 - 9.05)	2.35	(1.64 - 3.36)
Region 6	7.43	(5.78 - 9.49)	2.40	(1.68 - 3.43)
Region 7	6.70	(5.17 - 8.64)	2.72	(1.97 - 3.73)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Illinois</b>	7.74	(7.11 - 8.41)	2.57	(2.26 - 2.91)
Region I (Cook)	8.11	(7.13 - 9.21)	3.12	(2.55 - 3.81)
Region II	7.47	(6.54 - 8.53)	2.17	(1.78 - 2.64)
Region III	7.93	(6.71 - 9.36)	2.04	(1.56 - 2.67)
Region IV	7.19	(5.86 - 8.79)	2.09	(1.55 - 2.82)
Region V	7.06	(5.83 - 8.53)	2.29	(1.77 - 2.96)
<b>Indiana</b>	7.50	(6.46 - 8.69)	2.59	(2.18 - 3.08)
Central	7.35	(5.79 - 9.28)	2.58	(1.85 - 3.61)
East	7.01	(5.35 - 9.14)	2.31	(1.60 - 3.31)
North Central	7.57	(5.81 - 9.82)	2.50	(1.78 - 3.49)
Northeast	6.91	(5.31 - 8.95)	2.27	(1.59 - 3.22)
Northwest	7.14	(5.49 - 9.24)	2.57	(1.82 - 3.61)
Southeast	7.41	(5.64 - 9.67)	2.96	(2.11 - 4.14)
Southwest	7.56	(5.77 - 9.85)	2.75	(1.92 - 3.93)
West	9.05	(7.23 - 11.27)	2.80	(2.05 - 3.81)
<b>Iowa</b>	9.02	(7.86 - 10.33)	2.04	(1.66 - 2.51)
Central	9.05	(7.19 - 11.34)	2.15	(1.50 - 3.07)
North Central	9.40	(7.42 - 11.85)	2.11	(1.48 - 3.01)
Northeast	9.76	(8.00 - 11.85)	2.11	(1.53 - 2.91)
Northwest	7.82	(6.13 - 9.93)	1.82	(1.25 - 2.64)
Southeast	9.35	(7.49 - 11.61)	2.11	(1.49 - 2.99)
Southwest	7.99	(6.17 - 10.29)	1.82	(1.24 - 2.65)
<b>Kansas</b>	8.17	(7.05 - 9.45)	2.32	(1.91 - 2.82)
Kansas City Metro	9.23	(7.54 - 11.26)	2.63	(1.95 - 3.54)
Northeast	8.42	(6.65 - 10.61)	2.11	(1.48 - 3.01)
South Central	6.64	(5.09 - 8.61)	2.16	(1.51 - 3.09)
Southeast	7.88	(5.88 - 10.49)	2.38	(1.61 - 3.51)
West	7.64	(5.87 - 9.87)	2.04	(1.44 - 2.89)
Wichita (Sedgwick)	7.58	(6.01 - 9.51)	2.30	(1.63 - 3.22)
<b>Kentucky</b>	6.45	(5.50 - 7.55)	2.68	(2.20 - 3.27)
Adanta, Cumberland River, and Lifeskills	6.18	(4.71 - 8.07)	2.47	(1.76 - 3.47)
Bluegrass, Comprehend, and North Key	6.92	(5.49 - 8.69)	2.90	(2.07 - 4.06)
Communicare and River Valley	6.23	(4.72 - 8.20)	2.70	(1.86 - 3.91)
Four Rivers and Pennyroyal	6.37	(4.77 - 8.45)	2.55	(1.75 - 3.69)
Kentucky River, Mountain, and Pathways	5.73	(4.35 - 7.53)	2.31	(1.59 - 3.33)
Seven Counties	6.57	(5.10 - 8.44)	2.82	(2.01 - 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Louisiana</b>	7.29	(6.22 - 8.51)	2.85	(2.34 - 3.46)
Region 1	7.12	(5.28 - 9.55)	3.31	(2.23 - 4.89)
Regions 2 and 9	7.97	(6.35 - 9.97)	3.02	(2.17 - 4.20)
Region 3	7.14	(5.40 - 9.38)	3.05	(2.11 - 4.39)
Region 4	6.88	(5.22 - 9.01)	2.56	(1.75 - 3.72)
Regions 5 and 6	7.01	(5.40 - 9.05)	2.66	(1.88 - 3.76)
Regions 7 and 8	6.99	(5.49 - 8.87)	2.68	(1.91 - 3.73)
Region 10 (Jefferson)	7.39	(5.46 - 9.94)	2.63	(1.74 - 3.94)
<b>Maine</b>	7.16	(6.12 - 8.36)	3.12	(2.60 - 3.73)
Aroostook/Downeast	6.78	(5.05 - 9.04)	2.91	(2.03 - 4.16)
Central	6.76	(5.20 - 8.74)	2.90	(2.06 - 4.07)
Cumberland	8.64	(6.76 - 10.98)	3.40	(2.48 - 4.64)
Midcoast	6.34	(4.77 - 8.39)	2.87	(2.02 - 4.07)
Penquis	6.80	(5.27 - 8.75)	3.27	(2.37 - 4.49)
Western	6.79	(5.23 - 8.77)	3.59	(2.59 - 4.97)
York	7.02	(5.46 - 8.99)	2.70	(1.98 - 3.66)
<b>Maryland</b>	6.45	(5.47 - 7.59)	2.27	(1.86 - 2.77)
Anne Arundel	6.54	(4.88 - 8.71)	2.17	(1.46 - 3.21)
Baltimore City	6.96	(5.26 - 9.16)	3.40	(2.24 - 5.11)
Baltimore County	6.64	(5.08 - 8.64)	2.12	(1.45 - 3.09)
Montgomery	6.20	(4.75 - 8.05)	1.75	(1.22 - 2.49)
North Central	7.17	(5.40 - 9.45)	1.99	(1.37 - 2.89)
Northeast	6.47	(4.83 - 8.60)	2.48	(1.72 - 3.56)
Prince George's	6.11	(4.64 - 8.00)	2.28	(1.58 - 3.28)
South	5.91	(4.42 - 7.86)	2.36	(1.62 - 3.43)
West	6.35	(4.78 - 8.39)	2.12	(1.46 - 3.07)
<b>Massachusetts</b>	7.77	(6.69 - 9.02)	2.71	(2.28 - 3.22)
Boston	8.75	(6.79 - 11.22)	3.40	(2.44 - 4.72)
Central	7.87	(6.07 - 10.15)	2.95	(2.13 - 4.07)
Metrowest	8.07	(6.34 - 10.21)	2.14	(1.56 - 2.92)
Northeast	6.80	(5.26 - 8.75)	2.26	(1.64 - 3.11)
Southeast	7.53	(5.90 - 9.56)	2.82	(2.06 - 3.85)
Western	8.07	(6.36 - 10.20)	3.40	(2.50 - 4.60)

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 2004, 2005, and 2006 NSDUHs (continued)***

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Michigan</b>	7.56	(6.97 - 8.20)	2.73	(2.45 - 3.04)
Bay	7.67	(6.13 - 9.56)	2.35	(1.68 - 3.28)
Detroit City	7.12	(5.69 - 8.87)	4.76	(3.52 - 6.42)
Genesee	7.67	(6.16 - 9.50)	3.24	(2.42 - 4.32)
Kalamazoo	7.45	(6.14 - 9.01)	2.23	(1.66 - 2.99)
Kent	7.94	(6.49 - 9.70)	2.95	(2.23 - 3.91)
Lakeshore	8.00	(6.62 - 9.65)	2.54	(1.92 - 3.35)
Macomb	7.30	(5.99 - 8.87)	2.56	(1.95 - 3.35)
Mid South	7.76	(6.51 - 9.23)	2.50	(1.92 - 3.26)
Northern	7.08	(5.80 - 8.61)	2.08	(1.54 - 2.81)
Oakland	7.84	(6.60 - 9.29)	2.99	(2.34 - 3.82)
Pathways	7.98	(6.29 - 10.08)	2.40	(1.67 - 3.44)
Saginaw	7.14	(5.51 - 9.20)	2.49	(1.75 - 3.51)
Southeast	7.43	(6.24 - 8.83)	2.31	(1.80 - 2.96)
St. Clair	7.18	(5.58 - 9.18)	2.15	(1.51 - 3.05)
Washtenaw	8.15	(6.65 - 9.95)	2.65	(1.97 - 3.55)
Western	6.82	(5.24 - 8.83)	2.33	(1.65 - 3.28)
<b>Minnesota</b>	8.81	(7.63 - 10.16)	2.32	(1.92 - 2.81)
Regions 1 and 2	8.67	(6.65 - 11.24)	2.38	(1.67 - 3.37)
Regions 3 and 4	8.35	(6.63 - 10.47)	2.13	(1.52 - 2.99)
Regions 5 and 6	9.50	(7.67 - 11.71)	2.22	(1.59 - 3.11)
Region 7A (Hennepin)	8.68	(6.85 - 10.94)	2.59	(1.85 - 3.61)
Region 7B (Ramsey)	8.53	(6.53 - 11.06)	2.44	(1.65 - 3.59)
Region 7C	8.89	(7.04 - 11.17)	2.18	(1.57 - 3.01)
<b>Mississippi</b>	5.90	(4.96 - 7.00)	2.67	(2.21 - 3.23)
Region 1	5.95	(4.54 - 7.76)	2.32	(1.65 - 3.27)
Region 2	6.38	(4.74 - 8.55)	2.67	(1.83 - 3.87)
Region 3	5.58	(4.29 - 7.22)	2.51	(1.75 - 3.57)
Region 4	5.95	(4.53 - 7.78)	2.74	(1.97 - 3.81)
Region 5	5.23	(3.88 - 7.03)	2.47	(1.64 - 3.68)
Region 6	5.58	(4.18 - 7.42)	2.53	(1.75 - 3.65)
Region 7	6.11	(4.63 - 8.02)	3.38	(2.35 - 4.85)
<b>Missouri</b>	8.64	(7.49 - 9.95)	2.64	(2.21 - 3.15)
Central	8.84	(7.04 - 11.04)	2.43	(1.70 - 3.45)
Eastern	9.17	(7.60 - 11.03)	2.79	(2.15 - 3.62)
Eastern (St. Louis City and County)	9.02	(7.20 - 11.25)	2.86	(2.05 - 3.97)
Eastern (excluding St. Louis)	9.46	(7.38 - 12.06)	2.67	(1.93 - 3.68)
Northwest	8.75	(7.16 - 10.66)	2.66	(2.05 - 3.45)
Northwest (Jackson)	8.90	(6.86 - 11.47)	3.11	(2.17 - 4.44)
Northwest (excluding Jackson)	8.62	(6.67 - 11.08)	2.26	(1.60 - 3.18)
Southeast	7.80	(6.08 - 9.94)	2.69	(1.92 - 3.76)
Southwest	7.75	(6.13 - 9.75)	2.40	(1.72 - 3.32)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Montana</b>	9.63	(8.39 - 11.03)	2.79	(2.34 - 3.32)
Region 1	8.28	(6.36 - 10.72)	2.23	(1.54 - 3.22)
Region 2	7.94	(6.14 - 10.20)	2.33	(1.61 - 3.35)
Region 3	9.87	(7.90 - 12.26)	2.60	(1.91 - 3.55)
Region 4	10.08	(8.31 - 12.17)	2.49	(1.87 - 3.32)
Region 5	10.29	(8.48 - 12.45)	3.55	(2.70 - 4.66)
<b>Nebraska</b>	9.10	(7.95 - 10.39)	2.18	(1.75 - 2.70)
Regions 1 and 2	7.67	(5.90 - 9.92)	2.07	(1.39 - 3.07)
Region 3	7.92	(6.17 - 10.13)	1.90	(1.29 - 2.78)
Region 4	7.92	(6.21 - 10.06)	2.01	(1.38 - 2.92)
Region 5	10.46	(8.59 - 12.67)	1.91	(1.36 - 2.67)
Region 6	9.41	(7.79 - 11.33)	2.52	(1.86 - 3.41)
<b>Nevada</b>	8.03	(6.84 - 9.42)	2.43	(1.92 - 3.05)
Clark	7.89	(6.52 - 9.52)	2.46	(1.85 - 3.24)
Rural	7.43	(5.73 - 9.58)	2.21	(1.55 - 3.13)
Washoe	9.20	(7.30 - 11.54)	2.48	(1.73 - 3.54)
<b>New Hampshire</b>	7.65	(6.60 - 8.84)	2.53	(2.10 - 3.03)
Central	7.91	(6.50 - 9.60)	2.70	(2.07 - 3.50)
Central 1	8.24	(6.50 - 10.40)	2.85	(2.04 - 3.97)
Central 2	7.58	(5.85 - 9.78)	2.55	(1.78 - 3.63)
Northern	8.55	(6.68 - 10.88)	2.63	(1.87 - 3.69)
Southern	7.32	(6.14 - 8.71)	2.42	(1.93 - 3.03)
Southern 1 (Rockingham)	6.82	(5.39 - 8.61)	2.14	(1.56 - 2.93)
Southern 2	7.63	(6.17 - 9.40)	2.59	(1.98 - 3.40)
<b>New Jersey</b>	6.17	(5.23 - 7.27)	2.05	(1.67 - 2.52)
Central	5.94	(4.54 - 7.74)	1.98	(1.43 - 2.74)
Metropolitan	6.04	(4.67 - 7.77)	2.32	(1.65 - 3.25)
Northern	5.88	(4.63 - 7.43)	1.75	(1.26 - 2.42)
Southern	7.04	(5.55 - 8.89)	2.29	(1.65 - 3.17)
<b>New Mexico</b>	8.13	(7.02 - 9.39)	2.80	(2.32 - 3.36)
Region 1	7.64	(6.00 - 9.69)	3.50	(2.48 - 4.92)
Region 2	7.97	(6.12 - 10.32)	2.22	(1.55 - 3.16)
Region 3 (Bernalillo)	8.88	(7.26 - 10.83)	2.69	(2.03 - 3.55)
Region 4	7.78	(5.94 - 10.13)	2.58	(1.79 - 3.71)
Region 5	7.82	(6.25 - 9.74)	2.84	(2.05 - 3.92)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>New York</b>	6.29	(5.69 - 6.94)	2.63	(2.34 - 2.97)
Region A	5.89	(5.14 - 6.73)	2.67	(2.23 - 3.19)
Region 1	4.78	(3.64 - 6.25)	2.55	(1.81 - 3.58)
Region 2	5.35	(4.36 - 6.55)	3.00	(2.31 - 3.90)
Region 3	8.97	(7.21 - 11.10)	2.99	(2.16 - 4.13)
Region 4	5.03	(3.98 - 6.34)	2.07	(1.46 - 2.91)
Region B	5.91	(5.14 - 6.80)	2.19	(1.82 - 2.63)
Region 5	5.91	(4.91 - 7.09)	2.04	(1.60 - 2.60)
Region 6	5.76	(4.52 - 7.31)	2.29	(1.67 - 3.13)
Region 7	6.18	(4.89 - 7.78)	2.53	(1.85 - 3.47)
Region C	7.21	(6.43 - 8.09)	3.05	(2.62 - 3.54)
Region 8	7.47	(6.13 - 9.08)	2.61	(1.98 - 3.45)
Region 9	6.86	(5.56 - 8.45)	3.16	(2.37 - 4.20)
Region 10	7.63	(6.16 - 9.42)	3.49	(2.59 - 4.69)
Region 11	6.45	(5.17 - 8.02)	2.89	(2.18 - 3.82)
Region 12	7.81	(6.38 - 9.53)	3.29	(2.51 - 4.30)
Region D	6.85	(5.86 - 8.00)	2.66	(2.17 - 3.26)
Region 13	6.71	(5.26 - 8.51)	2.44	(1.74 - 3.40)
Region 14	6.93	(5.38 - 8.88)	2.41	(1.70 - 3.40)
Region 15	6.91	(5.54 - 8.59)	3.10	(2.30 - 4.17)
<b>North Carolina</b>	5.91	(4.95 - 7.04)	2.79	(2.30 - 3.38)
Eastern	6.39	(4.95 - 8.21)	2.82	(2.05 - 3.89)
North Central	5.73	(4.32 - 7.55)	2.65	(1.90 - 3.68)
South Central	5.58	(4.24 - 7.30)	2.96	(2.13 - 4.12)
Western	6.01	(4.78 - 7.52)	2.76	(2.07 - 3.65)
<b>North Dakota</b>	9.55	(8.41 - 10.83)	1.95	(1.57 - 2.42)
Badlands and West Central	8.84	(7.14 - 10.88)	1.80	(1.27 - 2.53)
Lake Region and South Central	7.01	(5.47 - 8.96)	1.75	(1.18 - 2.60)
North Central and Northwest	9.31	(7.52 - 11.47)	1.83	(1.26 - 2.64)
Northeast	10.33	(8.50 - 12.51)	2.30	(1.62 - 3.26)
Southeast	11.51	(9.62 - 13.72)	2.11	(1.53 - 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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	6.99	(6.45 - 7.58)	2.50	(2.21 - 2.82)
Boards 2, 46, 55, and 68	6.60	(5.28 - 8.22)	2.30	(1.68 - 3.14)
Boards 3, 52, and 85	6.03	(4.72 - 7.68)	2.30	(1.64 - 3.22)
Boards 4 and 78	6.75	(5.30 - 8.55)	2.09	(1.46 - 2.99)
Boards 5 and 60	7.13	(5.78 - 8.76)	2.80	(1.98 - 3.95)
Boards 7, 15, 41, 79, and 84	6.42	(5.06 - 8.10)	2.25	(1.61 - 3.14)
Boards 8, 13, and 83	6.44	(5.10 - 8.10)	2.37	(1.71 - 3.27)
Board 9 (Butler)	7.83	(6.27 - 9.74)	2.64	(1.88 - 3.71)
Board 12	6.12	(4.75 - 7.87)	2.38	(1.67 - 3.38)
Boards 18 and 47	6.88	(5.78 - 8.17)	2.21	(1.69 - 2.88)
Boards 20, 32, 54, and 69	6.83	(5.36 - 8.68)	2.14	(1.53 - 2.97)
Boards 21, 39, 51, 70, and 80	6.20	(4.92 - 7.79)	2.22	(1.62 - 3.05)
Boards 22, 74, and 87	7.75	(6.12 - 9.76)	2.68	(1.91 - 3.75)
Boards 23 and 45	6.99	(5.55 - 8.77)	2.28	(1.63 - 3.19)
Board 25 (Franklin)	7.93	(6.71 - 9.36)	2.94	(2.20 - 3.90)
Boards 27, 71, and 73	5.76	(4.52 - 7.31)	2.44	(1.74 - 3.41)
Boards 28, 43, and 67	7.26	(5.86 - 8.96)	2.41	(1.77 - 3.29)
Board 31 (Hamilton)	7.77	(6.36 - 9.46)	2.98	(2.18 - 4.05)
Board 48 (Lucas)	7.58	(6.10 - 9.37)	2.61	(1.87 - 3.63)
Boards 50 and 76	7.02	(5.61 - 8.74)	2.05	(1.46 - 2.87)
Board 57 (Montgomery)	7.00	(5.56 - 8.78)	3.04	(2.22 - 4.15)
Board 77 (Summit)	6.98	(5.55 - 8.74)	2.96	(2.12 - 4.13)
<b>Oklahoma</b>	7.11	(6.14 - 8.21)	2.69	(2.21 - 3.26)
Central	7.01	(5.42 - 9.01)	2.53	(1.76 - 3.60)
East Central	5.96	(4.53 - 7.79)	2.32	(1.57 - 3.42)
Northeast	7.10	(5.48 - 9.15)	2.70	(1.85 - 3.92)
Northwest and Southwest	7.30	(5.69 - 9.32)	2.29	(1.58 - 3.31)
Oklahoma County	7.49	(5.85 - 9.55)	2.73	(1.94 - 3.83)
Southeast	6.24	(4.75 - 8.16)	2.86	(1.96 - 4.17)
Tulsa County	8.14	(6.40 - 10.31)	3.20	(2.27 - 4.51)
<b>Oregon</b>	6.86	(5.89 - 7.99)	2.53	(2.09 - 3.06)
Region 1 (Multnomah)	7.87	(6.16 - 9.99)	3.35	(2.38 - 4.68)
Region 2	7.85	(6.26 - 9.79)	2.51	(1.85 - 3.40)
Region 3	6.25	(5.00 - 7.79)	2.21	(1.62 - 3.00)
Region 4	5.70	(4.29 - 7.55)	2.25	(1.53 - 3.31)
Region 5	6.33	(4.78 - 8.34)	2.42	(1.67 - 3.50)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Pennsylvania</b>	6.82	(6.26 - 7.43)	2.27	(2.02 - 2.56)
Region 1 (Allegheny)	7.69	(6.32 - 9.33)	2.41	(1.80 - 3.21)
Regions 2, 3, 8, and 9	7.14	(5.70 - 8.90)	2.15	(1.56 - 2.95)
Regions 4, 11, 37, and 49	6.63	(5.38 - 8.15)	2.36	(1.77 - 3.14)
Regions 5, 18, 23, 24, and 46	5.54	(4.43 - 6.92)	1.53	(1.10 - 2.14)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	8.38	(7.06 - 9.91)	2.16	(1.62 - 2.86)
Regions 7, 13, 20, and 33	6.95	(5.95 - 8.11)	2.18	(1.73 - 2.75)
Regions 10, 14, 15, 27, 32, 43, and 44	6.24	(4.98 - 7.80)	2.57	(1.88 - 3.52)
Regions 17 and 21	7.94	(6.38 - 9.84)	2.34	(1.70 - 3.21)
Regions 19, 26, 28, and 42	5.80	(4.71 - 7.11)	1.84	(1.41 - 2.42)
Regions 22, 38, 40, 41, and 48	5.83	(4.67 - 7.26)	1.99	(1.45 - 2.72)
Regions 25 and 30	6.78	(5.45 - 8.42)	2.33	(1.68 - 3.23)
Regions 29 and 34	5.80	(4.48 - 7.47)	1.72	(1.22 - 2.41)
Region 36 (Philadelphia)	7.57	(6.26 - 9.12)	3.38	(2.56 - 4.44)
<b>Rhode Island</b>	8.52	(7.32 - 9.90)	3.38	(2.82 - 4.05)
Bristol and Newport	8.35	(6.43 - 10.78)	2.91	(2.09 - 4.06)
Kent	7.34	(5.60 - 9.57)	3.11	(2.24 - 4.30)
Providence	8.64	(7.16 - 10.40)	3.51	(2.80 - 4.40)
Washington	9.65	(7.67 - 12.08)	3.61	(2.68 - 4.84)
<b>South Carolina</b>	7.30	(6.19 - 8.60)	2.81	(2.31 - 3.43)
Region 1	6.37	(4.91 - 8.23)	2.44	(1.75 - 3.41)
Region 2	7.98	(6.36 - 9.98)	3.07	(2.28 - 4.12)
Region 3	6.61	(4.97 - 8.74)	2.96	(2.03 - 4.28)
Region 4	7.94	(6.21 - 10.12)	2.79	(2.03 - 3.82)
<b>South Dakota</b>	9.24	(8.10 - 10.53)	2.08	(1.72 - 2.53)
Region 1	9.63	(7.67 - 12.02)	1.93	(1.35 - 2.75)
Region 2	9.75	(8.02 - 11.80)	1.97	(1.43 - 2.70)
Region 3	8.94	(7.17 - 11.09)	1.98	(1.41 - 2.78)
Region 4	9.60	(7.50 - 12.22)	2.31	(1.59 - 3.34)
Region 5	9.11	(7.13 - 11.58)	2.01	(1.38 - 2.91)
Region 6	8.58	(6.59 - 11.09)	2.10	(1.43 - 3.08)
Region 7	8.58	(6.74 - 10.85)	2.45	(1.71 - 3.50)
<b>Tennessee</b>	6.43	(5.49 - 7.52)	2.80	(2.34 - 3.34)
Region 1	6.52	(4.85 - 8.72)	2.71	(1.87 - 3.93)
Region 2	6.84	(5.31 - 8.76)	2.65	(1.92 - 3.63)
Region 3	6.15	(4.77 - 7.90)	2.78	(2.00 - 3.87)
Region 4 (Davidson)	6.57	(4.93 - 8.70)	2.86	(1.98 - 4.13)
Region 5	6.51	(5.11 - 8.27)	2.69	(1.99 - 3.63)
Region 6	6.45	(4.86 - 8.50)	2.66	(1.84 - 3.85)
Region 7 (Shelby)	5.96	(4.47 - 7.90)	3.25	(2.26 - 4.66)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Texas</b>	7.58	(6.97 - 8.24)	2.49	(2.21 - 2.79)
Region 1	9.24	(7.37 - 11.52)	3.17	(2.34 - 4.28)
Region 2	6.65	(5.12 - 8.61)	2.34	(1.66 - 3.30)
Region 3	7.23	(6.35 - 8.21)	2.27	(1.87 - 2.74)
Region 3a	7.34	(6.26 - 8.59)	2.25	(1.80 - 2.82)
Region 3bc	7.02	(5.79 - 8.49)	2.29	(1.70 - 3.07)
Region 4	6.11	(4.73 - 7.86)	2.49	(1.81 - 3.42)
Region 5	6.76	(5.28 - 8.61)	2.85	(2.02 - 4.02)
Region 6	7.83	(6.67 - 9.18)	2.36	(1.90 - 2.91)
Region 6a	7.85	(6.58 - 9.33)	2.28	(1.78 - 2.90)
Region 6bc	7.71	(6.01 - 9.84)	3.01	(2.17 - 4.17)
Region 7	8.63	(7.45 - 9.98)	2.88	(2.34 - 3.54)
Region 7a	8.88	(7.36 - 10.67)	2.92	(2.23 - 3.81)
Region 7bcd	8.26	(6.74 - 10.08)	2.81	(2.08 - 3.80)
Region 8	7.98	(6.52 - 9.72)	2.31	(1.76 - 3.04)
Region 9	7.18	(5.56 - 9.23)	2.42	(1.70 - 3.44)
Region 10	6.77	(5.28 - 8.65)	2.80	(1.97 - 3.96)
Region 11	7.22	(5.95 - 8.73)	2.73	(2.10 - 3.56)
Region 11abd	7.34	(5.77 - 9.31)	2.72	(1.94 - 3.80)
Region 11c (Hidalgo)	6.97	(5.48 - 8.82)	2.76	(1.96 - 3.89)
<b>Utah</b>	6.24	(5.27 - 7.39)	2.82	(2.32 - 3.41)
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.27	(4.74 - 8.26)	3.04	(2.14 - 4.30)
Central, Four Corners, San Juan, and Southwest	5.21	(3.89 - 6.94)	2.30	(1.58 - 3.33)
Davis County	6.13	(4.63 - 8.08)	2.87	(2.02 - 4.07)
Salt Lake County	6.56	(5.26 - 8.16)	2.90	(2.15 - 3.90)
Utah County	5.98	(4.55 - 7.83)	2.82	(2.06 - 3.85)
Weber, Morgan	6.75	(5.06 - 8.97)	2.78	(1.93 - 3.97)
<b>Vermont</b>	8.38	(7.31 - 9.60)	2.78	(2.34 - 3.29)
Champlain Valley	9.10	(7.70 - 10.73)	3.15	(2.50 - 3.96)
Rural Northeast	8.03	(6.36 - 10.08)	2.63	(1.93 - 3.58)
Rural Southeast	7.66	(5.99 - 9.74)	2.50	(1.79 - 3.48)
Rural Southwest	8.14	(6.35 - 10.39)	2.48	(1.77 - 3.46)
<b>Virginia</b>	6.87	(5.87 - 8.03)	2.21	(1.81 - 2.68)
Region 1	6.76	(5.17 - 8.81)	2.24	(1.61 - 3.12)
Region 2	6.95	(5.48 - 8.76)	1.77	(1.27 - 2.48)
Region 3	7.73	(5.95 - 9.98)	2.38	(1.71 - 3.31)
Region 4	6.53	(5.07 - 8.37)	2.31	(1.63 - 3.25)
Region 5	6.44	(5.03 - 8.20)	2.46	(1.76 - 3.42)

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 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Washington</b>	7.64	(6.56 - 8.88)	2.96	(2.43 - 3.59)
Region 1	8.13	(6.32 - 10.41)	3.22	(2.26 - 4.57)
Region 2	6.70	(5.12 - 8.74)	3.13	(2.16 - 4.52)
Region 3	7.53	(5.87 - 9.61)	2.68	(1.88 - 3.81)
Region 4 (King)	8.20	(6.48 - 10.32)	2.96	(2.09 - 4.16)
Region 5	7.23	(5.59 - 9.30)	2.91	(2.09 - 4.05)
Region 6	7.26	(5.63 - 9.32)	2.98	(2.09 - 4.23)
<b>West Virginia</b>	6.37	(5.45 - 7.43)	2.67	(2.24 - 3.17)
Eastern Highland	6.18	(4.78 - 7.96)	2.28	(1.65 - 3.16)
Northern	7.50	(6.23 - 9.01)	3.07	(2.39 - 3.92)
Northern A and B	7.00	(5.30 - 9.18)	2.07	(1.42 - 3.01)
Northern C and D	7.76	(6.27 - 9.56)	3.57	(2.67 - 4.77)
South Central	5.89	(4.86 - 7.12)	2.49	(1.97 - 3.15)
South Central I	5.75	(4.36 - 7.55)	2.19	(1.52 - 3.15)
South Central II	5.97	(4.55 - 7.81)	2.95	(2.08 - 4.18)
South Central III	5.91	(4.57 - 7.61)	2.37	(1.69 - 3.32)
Southern	5.95	(4.72 - 7.48)	2.89	(2.16 - 3.84)
Southern I and III	5.98	(4.52 - 7.87)	2.77	(1.93 - 3.98)
Southern II	5.90	(4.42 - 7.83)	3.11	(2.11 - 4.56)
<b>Wisconsin</b>	9.41	(8.24 - 10.72)	2.45	(2.04 - 2.94)
Milwaukee	9.60	(7.60 - 12.05)	3.02	(2.10 - 4.32)
Northeastern	9.56	(7.72 - 11.77)	2.21	(1.57 - 3.11)
Northern	8.40	(6.45 - 10.87)	2.10	(1.43 - 3.07)
Southeastern	9.48	(7.60 - 11.78)	2.38	(1.73 - 3.27)
Southern	9.50	(7.69 - 11.67)	2.37	(1.71 - 3.28)
Western	9.37	(7.38 - 11.83)	2.58	(1.85 - 3.59)
<b>Wyoming</b>	9.26	(8.07 - 10.61)	2.60	(2.19 - 3.09)
Judicial District 1 (Laramie)	9.16	(7.23 - 11.54)	2.68	(1.91 - 3.76)
Judicial District 2	12.19	(9.95 - 14.87)	3.25	(2.36 - 4.47)
Judicial District 3	8.81	(6.99 - 11.06)	2.39	(1.70 - 3.34)
Judicial District 4	8.53	(6.48 - 11.16)	2.25	(1.57 - 3.23)
Judicial District 5	8.18	(6.29 - 10.58)	2.14	(1.51 - 3.02)
Judicial District 6	8.99	(6.92 - 11.60)	2.78	(1.95 - 3.96)
Judicial District 7 (Natrona)	9.48	(7.60 - 11.77)	2.91	(2.11 - 4.00)
Judicial District 8	7.86	(5.95 - 10.32)	2.01	(1.36 - 2.96)
Judicial District 9	9.62	(7.39 - 12.43)	2.65	(1.84 - 3.80)

\*\* A separate Kauai estimate is not being reported because of low precision. See Table D12 of Section D for more details.

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.

<sup>1</sup> 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).

<sup>2</sup> 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), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Total United States</b>	11.54	(11.24 - 11.84)	7.55	(7.26 - 7.85)
<b>Northeast</b>	11.13	(10.63 - 11.65)	7.40	(6.90 - 7.93)
<b>Midwest</b>	11.92	(11.50 - 12.35)	7.96	(7.53 - 8.40)
<b>South</b>	11.73	(11.29 - 12.18)	7.45	(7.05 - 7.86)
<b>West</b>	11.21	(10.66 - 11.79)	7.44	(6.93 - 7.98)
<b>Alabama</b>	10.83	(9.46 - 12.38)	7.52	(6.26 - 9.00)
Region 1	10.55	(8.59 - 12.89)	8.04	(6.22 - 10.33)
Region 2	11.14	(9.15 - 13.50)	7.63	(5.86 - 9.86)
Region 3	10.98	(8.96 - 13.40)	7.01	(5.26 - 9.29)
Region 4	10.63	(8.69 - 12.93)	7.09	(5.39 - 9.28)
<b>Alaska</b>	11.56	(10.11 - 13.20)	7.05	(5.77 - 8.58)
Gulf Coast	10.94	(8.57 - 13.87)	7.01	(5.12 - 9.51)
Rural	11.76	(9.32 - 14.75)	6.06	(4.35 - 8.38)
Southeast	11.00	(8.80 - 13.67)	7.21	(5.38 - 9.59)
Urban	11.75	(10.00 - 13.75)	7.18	(5.64 - 9.11)
<b>Arizona</b>	12.02	(10.55 - 13.68)	7.67	(6.37 - 9.22)
Maricopa	12.11	(10.36 - 14.10)	8.05	(6.44 - 10.01)
Pima	12.06	(9.64 - 15.00)	7.44	(5.48 - 10.02)
Rural North	11.63	(9.25 - 14.51)	6.87	(5.15 - 9.11)
Rural South	11.93	(9.37 - 15.07)	6.86	(4.99 - 9.38)
<b>Arkansas</b>	12.98	(11.47 - 14.64)	8.61	(7.21 - 10.26)
Areas 1 and 2	12.82	(10.52 - 15.54)	9.41	(7.13 - 12.32)
Areas 3 and 4	13.96	(11.44 - 16.94)	8.64	(6.47 - 11.45)
Areas 5 and 6	12.51	(10.22 - 15.22)	8.92	(6.74 - 11.72)
Areas 7, 12, and 13	12.79	(10.40 - 15.63)	7.59	(5.69 - 10.07)
Areas 8, 10, and 11	12.03	(9.77 - 14.72)	7.69	(5.74 - 10.24)
Area 9	13.52	(11.11 - 16.35)	8.97	(6.76 - 11.81)
<b>California</b>	10.53	(9.71 - 11.41)	6.62	(5.88 - 7.45)
Region 1	10.93	(8.82 - 13.46)	8.19	(6.15 - 10.85)
Region 2	10.51	(8.83 - 12.47)	6.64	(5.27 - 8.34)
Region 3	12.06	(9.85 - 14.68)	7.32	(5.55 - 9.60)
Region 4	10.99	(9.03 - 13.32)	8.70	(6.52 - 11.53)
Region 5	10.17	(8.49 - 12.15)	7.08	(5.51 - 9.04)
Region 6 (Santa Clara)	9.87	(8.11 - 11.96)	6.11	(4.61 - 8.06)
Region 7	10.20	(8.33 - 12.44)	7.23	(5.52 - 9.41)
Region 8	11.62	(9.56 - 14.06)	6.45	(4.99 - 8.29)
Region 9	11.59	(9.37 - 14.25)	6.84	(5.20 - 8.95)
Region 10	10.40	(8.48 - 12.68)	6.75	(5.13 - 8.84)
Region 11 (Los Angeles)	10.50	(9.21 - 11.95)	6.03	(4.91 - 7.38)
Region 12	10.13	(8.36 - 12.24)	5.82	(4.51 - 7.47)
Region 13 (Riverside)	10.32	(8.43 - 12.58)	6.28	(4.83 - 8.13)
Region 14 (Orange)	9.82	(8.19 - 11.74)	6.55	(5.06 - 8.44)
Region 15	10.53	(8.93 - 12.38)	6.77	(5.38 - 8.49)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Colorado</b>	11.39	(9.96 - 13.00)	9.06	(7.64 - 10.72)
Region 1	10.90	(8.81 - 13.42)	8.13	(6.14 - 10.70)
Regions 2 and 7	11.35	(9.59 - 13.38)	9.47	(7.67 - 11.65)
Region 3	11.53	(9.35 - 14.15)	8.58	(6.43 - 11.36)
Region 4	13.69	(10.82 - 17.18)	8.77	(6.43 - 11.85)
Regions 5 and 6	10.79	(8.63 - 13.41)	8.81	(6.55 - 11.74)
<b>Connecticut</b>	11.11	(9.63 - 12.78)	8.09	(6.66 - 9.79)
Eastern	12.51	(10.04 - 15.47)	8.30	(6.20 - 11.04)
North Central	11.11	(9.01 - 13.63)	8.97	(6.75 - 11.83)
Northwestern	11.29	(9.10 - 13.94)	8.14	(6.04 - 10.88)
South Central	10.95	(8.88 - 13.44)	7.36	(5.51 - 9.78)
Southwest	10.28	(8.21 - 12.79)	7.51	(5.55 - 10.10)
<b>Delaware</b>	10.97	(9.64 - 12.46)	7.60	(6.34 - 9.09)
Kent	11.57	(9.39 - 14.17)	7.21	(5.47 - 9.44)
New Castle (excluding Wilmington City)	10.58	(8.96 - 12.46)	7.55	(5.98 - 9.49)
Sussex	10.71	(8.62 - 13.23)	7.59	(5.67 - 10.09)
Wilmington City	12.80	(10.17 - 15.98)	8.54	(6.22 - 11.63)
<b>District of Columbia</b>	11.82	(10.36 - 13.46)	8.67	(7.26 - 10.31)
Ward 1	13.05	(10.49 - 16.11)	10.09	(7.55 - 13.35)
Ward 2	13.60	(11.31 - 16.26)	10.20	(7.88 - 13.10)
Ward 3	12.62	(10.16 - 15.56)	10.38	(7.97 - 13.41)
Ward 4	9.88	(7.68 - 12.61)	6.72	(4.90 - 9.14)
Ward 5	10.03	(8.06 - 12.42)	6.71	(5.01 - 8.93)
Ward 6	11.74	(9.36 - 14.63)	8.94	(6.69 - 11.85)
Ward 7	10.27	(8.11 - 12.91)	7.40	(5.25 - 10.34)
Ward 8	12.81	(10.41 - 15.68)	7.63	(5.70 - 10.13)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Florida</b>	10.73	(9.88 - 11.64)	6.66	(5.91 - 7.50)
Region A	12.37	(10.81 - 14.12)	7.72	(6.43 - 9.24)
Circuit 1	12.38	(10.18 - 14.97)	7.68	(5.90 - 9.94)
Circuit 2	11.98	(9.92 - 14.41)	7.62	(5.92 - 9.77)
Circuit 14	12.88	(10.36 - 15.90)	7.93	(6.00 - 10.42)
Region B	11.61	(10.24 - 13.14)	7.42	(6.20 - 8.86)
Circuits 3 and 8	12.77	(10.55 - 15.37)	7.57	(5.86 - 9.73)
Circuit 4	12.07	(10.05 - 14.42)	7.56	(5.88 - 9.67)
Circuit 7	10.18	(8.24 - 12.50)	7.13	(5.36 - 9.44)
Region C	10.77	(9.62 - 12.03)	6.72	(5.77 - 7.82)
Circuit 5	11.02	(8.87 - 13.62)	6.60	(4.95 - 8.77)
Circuit 9	11.15	(9.31 - 13.30)	6.75	(5.32 - 8.53)
Circuit 10	11.04	(8.88 - 13.65)	6.96	(5.31 - 9.08)
Circuit 18	10.44	(8.57 - 12.65)	6.80	(5.28 - 8.70)
Circuit 19	9.70	(7.76 - 12.07)	6.43	(4.82 - 8.53)
Region D	9.76	(8.69 - 10.93)	6.06	(5.12 - 7.16)
Circuits 11 and 16	9.79	(8.22 - 11.62)	5.66	(4.41 - 7.24)
Circuit 15 (Palm Beach)	9.17	(7.55 - 11.10)	6.01	(4.57 - 7.88)
Circuit 17 (Broward)	10.13	(8.50 - 12.03)	6.68	(5.22 - 8.50)
Region E	10.99	(9.73 - 12.38)	6.65	(5.64 - 7.83)
Circuit 6	11.50	(9.41 - 14.00)	6.72	(5.18 - 8.68)
Circuit 12	9.98	(7.95 - 12.46)	6.42	(4.80 - 8.53)
Circuit 13 (Hillsborough)	12.51	(10.43 - 14.92)	7.25	(5.67 - 9.23)
Circuit 20	9.47	(7.68 - 11.61)	6.11	(4.60 - 8.08)
<b>Georgia</b>	12.12	(10.62 - 13.81)	7.50	(6.18 - 9.07)
Region 1	13.21	(10.60 - 16.34)	8.65	(6.43 - 11.55)
Region 2	12.51	(10.07 - 15.45)	7.79	(5.76 - 10.45)
Region 3	11.23	(9.35 - 13.43)	7.02	(5.34 - 9.17)
Region 4	13.22	(10.59 - 16.39)	7.69	(5.70 - 10.31)
Region 5	12.36	(9.93 - 15.28)	7.36	(5.48 - 9.82)
<b>Hawaii</b>	9.39	(8.01 - 10.97)	6.05	(4.72 - 7.73)
Hawaii Island	10.15	(7.94 - 12.90)	6.61	(4.71 - 9.19)
Honolulu	9.32	(7.78 - 11.13)	5.93	(4.42 - 7.92)
Kauai and Maui**	9.10	(7.42 - 11.10)	6.12	(4.62 - 8.07)
Maui	9.05	(7.14 - 11.42)	6.33	(4.56 - 8.71)
<b>Idaho</b>	11.89	(10.54 - 13.40)	8.41	(7.13 - 9.90)
Region 1	10.95	(8.82 - 13.52)	8.44	(6.44 - 10.99)
Region 2	12.40	(9.96 - 15.34)	8.36	(6.29 - 11.04)
Region 3	11.56	(9.50 - 14.01)	8.24	(6.27 - 10.76)
Region 4	11.94	(9.95 - 14.25)	8.74	(6.77 - 11.22)
Region 5	11.56	(9.35 - 14.20)	7.95	(5.88 - 10.68)
Region 6	12.91	(10.48 - 15.80)	8.69	(6.67 - 11.24)
Region 7	12.46	(10.29 - 15.00)	8.04	(6.20 - 10.37)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Illinois</b>	10.78	(9.97 - 11.66)	6.93	(6.15 - 7.79)
Region I (Cook)	10.20	(9.05 - 11.49)	6.88	(5.76 - 8.19)
Region II	10.25	(9.03 - 11.61)	6.55	(5.46 - 7.84)
Region III	12.00	(10.21 - 14.05)	7.10	(5.66 - 8.88)
Region IV	12.01	(9.96 - 14.41)	7.63	(5.90 - 9.82)
Region V	12.66	(10.67 - 14.97)	7.57	(5.95 - 9.60)
<b>Indiana</b>	12.82	(11.33 - 14.48)	8.88	(7.52 - 10.46)
Central	12.40	(10.21 - 14.99)	9.00	(6.90 - 11.66)
East	14.28	(11.47 - 17.63)	10.67	(7.95 - 14.17)
North Central	14.14	(11.38 - 17.43)	9.20	(6.96 - 12.07)
Northeast	12.16	(9.76 - 15.05)	8.19	(6.12 - 10.89)
Northwest	11.70	(9.53 - 14.30)	7.46	(5.63 - 9.84)
Southeast	12.58	(10.06 - 15.62)	8.38	(6.24 - 11.17)
Southwest	13.24	(10.55 - 16.49)	9.07	(6.80 - 11.99)
West	12.50	(10.17 - 15.27)	9.16	(7.00 - 11.90)
<b>Iowa</b>	11.69	(10.30 - 13.24)	7.44	(6.20 - 8.92)
Central	12.05	(9.76 - 14.77)	7.76	(5.83 - 10.25)
North Central	11.38	(9.21 - 13.99)	6.91	(5.22 - 9.10)
Northeast	11.84	(9.83 - 14.18)	7.66	(5.84 - 9.97)
Northwest	10.92	(8.75 - 13.55)	6.92	(5.13 - 9.28)
Southeast	12.11	(10.00 - 14.59)	7.61	(5.74 - 10.03)
Southwest	11.43	(9.18 - 14.14)	7.50	(5.49 - 10.16)
<b>Kansas</b>	13.13	(11.62 - 14.80)	7.97	(6.67 - 9.50)
Kansas City Metro	12.61	(10.61 - 14.91)	8.19	(6.38 - 10.45)
Northeast	13.81	(11.20 - 16.90)	7.96	(6.05 - 10.40)
South Central	12.36	(9.97 - 15.21)	7.50	(5.60 - 9.97)
Southeast	13.86	(11.04 - 17.27)	8.24	(6.04 - 11.15)
West	12.50	(9.93 - 15.62)	7.57	(5.63 - 10.11)
Wichita (Sedgwick)	14.06	(11.54 - 17.03)	8.11	(6.15 - 10.62)
<b>Kentucky</b>	13.78	(12.22 - 15.50)	8.62	(7.24 - 10.24)
Adanta, Cumberland River, and Lifeskills	14.85	(12.07 - 18.13)	9.11	(6.80 - 12.12)
Bluegrass, Comprehend, and North Key	13.19	(10.99 - 15.76)	8.41	(6.46 - 10.87)
Communicare and River Valley	13.99	(11.32 - 17.17)	8.32	(6.22 - 11.06)
Four Rivers and Pennyroyal	13.74	(11.14 - 16.83)	8.70	(6.50 - 11.55)
Kentucky River, Mountain, and Pathways	15.39	(12.50 - 18.80)	8.98	(6.73 - 11.88)
Seven Counties	12.73	(10.47 - 15.40)	8.42	(6.47 - 10.90)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Louisiana</b>	12.64	(11.13 - 14.32)	7.79	(6.58 - 9.20)
Region 1	13.08	(10.40 - 16.31)	8.24	(6.14 - 10.99)
Regions 2 and 9	11.43	(9.42 - 13.81)	7.59	(5.89 - 9.73)
Region 3	12.82	(10.29 - 15.85)	7.92	(5.98 - 10.42)
Region 4	13.37	(10.61 - 16.70)	7.94	(5.98 - 10.46)
Regions 5 and 6	12.78	(10.34 - 15.68)	7.66	(5.80 - 10.04)
Regions 7 and 8	13.54	(11.05 - 16.49)	7.28	(5.58 - 9.44)
Region 10 (Jefferson)	12.01	(9.57 - 14.97)	8.51	(6.36 - 11.30)
<b>Maine</b>	12.20	(10.79 - 13.77)	9.08	(7.58 - 10.84)
Aroostook/Downeast	12.03	(9.51 - 15.10)	8.18	(6.02 - 11.03)
Central	12.78	(10.39 - 15.63)	9.11	(6.74 - 12.21)
Cumberland	12.36	(10.17 - 14.94)	9.29	(6.99 - 12.25)
Midcoast	11.16	(8.95 - 13.83)	9.57	(7.00 - 12.94)
Penquis	12.43	(10.08 - 15.22)	9.30	(6.99 - 12.27)
Western	12.75	(10.37 - 15.57)	9.49	(7.09 - 12.60)
York	11.70	(9.48 - 14.35)	8.52	(6.42 - 11.22)
<b>Maryland</b>	10.23	(8.95 - 11.68)	6.89	(5.77 - 8.20)
Anne Arundel	9.42	(7.41 - 11.91)	7.32	(5.43 - 9.80)
Baltimore City	13.05	(10.37 - 16.30)	7.03	(5.27 - 9.31)
Baltimore County	10.41	(8.35 - 12.91)	7.14	(5.32 - 9.52)
Montgomery	8.65	(6.91 - 10.78)	6.07	(4.48 - 8.18)
North Central	8.94	(7.10 - 11.20)	6.80	(5.07 - 9.05)
Northeast	11.07	(8.71 - 13.97)	7.49	(5.50 - 10.14)
Prince George's	9.99	(8.06 - 12.30)	6.32	(4.72 - 8.43)
South	9.72	(7.75 - 12.11)	6.99	(5.18 - 9.37)
West	11.70	(9.35 - 14.56)	7.88	(5.83 - 10.56)
<b>Massachusetts</b>	10.77	(9.55 - 12.14)	7.82	(6.54 - 9.32)
Boston	13.27	(10.99 - 15.93)	9.50	(7.19 - 12.44)
Central	11.22	(9.12 - 13.74)	8.44	(6.34 - 11.15)
Metrowest	9.78	(8.00 - 11.90)	7.57	(5.76 - 9.90)
Northeast	10.08	(8.25 - 12.25)	7.69	(5.70 - 10.29)
Southeast	10.43	(8.49 - 12.76)	6.92	(5.18 - 9.17)
Western	11.39	(9.21 - 14.02)	7.65	(5.74 - 10.13)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Michigan</b>	11.60	(10.79 - 12.47)	7.98	(7.20 - 8.84)
Bay	11.20	(9.14 - 13.66)	8.49	(6.49 - 11.02)
Detroit City	13.53	(11.37 - 16.02)	8.19	(6.37 - 10.48)
Genesee	12.14	(10.11 - 14.53)	7.67	(5.98 - 9.78)
Kalamazoo	12.26	(10.25 - 14.60)	8.78	(6.95 - 11.02)
Kent	11.98	(10.05 - 14.23)	8.55	(6.72 - 10.83)
Lakeshore	11.15	(9.29 - 13.33)	7.76	(6.09 - 9.83)
Macomb	11.76	(9.93 - 13.86)	8.08	(6.39 - 10.17)
Mid South	11.52	(9.88 - 13.39)	8.78	(7.08 - 10.84)
Northern	12.14	(10.22 - 14.37)	8.09	(6.34 - 10.26)
Oakland	9.88	(8.42 - 11.55)	6.66	(5.27 - 8.38)
Pathways	13.06	(10.59 - 16.01)	8.63	(6.56 - 11.27)
Saginaw	11.47	(9.28 - 14.11)	7.15	(5.40 - 9.40)
Southeast	11.29	(9.64 - 13.17)	7.87	(6.30 - 9.80)
St. Clair	10.42	(8.50 - 12.71)	7.98	(6.04 - 10.46)
Washtenaw	11.30	(9.59 - 13.29)	7.88	(6.24 - 9.92)
Western	13.02	(10.43 - 16.14)	7.98	(5.92 - 10.67)
<b>Minnesota</b>	11.36	(10.03 - 12.85)	7.13	(5.97 - 8.49)
Regions 1 and 2	11.68	(9.33 - 14.53)	7.08	(5.22 - 9.54)
Regions 3 and 4	10.89	(8.93 - 13.22)	7.01	(5.33 - 9.18)
Regions 5 and 6	11.70	(9.54 - 14.27)	6.52	(4.90 - 8.63)
Region 7A (Hennepin)	11.24	(9.17 - 13.72)	7.16	(5.45 - 9.34)
Region 7B (Ramsey)	12.29	(9.90 - 15.18)	8.01	(5.87 - 10.85)
Region 7C	10.93	(8.97 - 13.24)	7.33	(5.55 - 9.61)
<b>Mississippi</b>	12.56	(11.07 - 14.22)	7.79	(6.54 - 9.25)
Region 1	12.70	(10.41 - 15.40)	8.67	(6.55 - 11.40)
Region 2	12.32	(9.96 - 15.15)	6.68	(5.01 - 8.86)
Region 3	12.40	(10.03 - 15.23)	7.18	(5.36 - 9.55)
Region 4	11.40	(9.26 - 13.95)	7.93	(6.06 - 10.31)
Region 5	11.67	(9.30 - 14.55)	6.85	(5.06 - 9.21)
Region 6	13.71	(11.16 - 16.74)	7.84	(5.93 - 10.29)
Region 7	13.65	(11.14 - 16.64)	8.35	(6.31 - 10.97)
<b>Missouri</b>	13.73	(12.20 - 15.43)	8.50	(7.18 - 10.05)
Central	13.62	(11.23 - 16.44)	8.53	(6.49 - 11.14)
Eastern	13.19	(11.25 - 15.40)	8.05	(6.47 - 9.98)
Eastern (St. Louis City and County)	13.11	(10.84 - 15.78)	7.58	(5.75 - 9.93)
Eastern (excluding St. Louis)	13.34	(10.86 - 16.29)	8.99	(6.82 - 11.76)
Northwest	13.97	(11.88 - 16.35)	8.66	(6.84 - 10.91)
Northwest (Jackson)	14.69	(11.92 - 17.95)	8.98	(6.67 - 11.98)
Northwest (excluding Jackson)	13.32	(10.86 - 16.24)	8.38	(6.21 - 11.21)
Southeast	14.66	(11.81 - 18.07)	9.04	(6.74 - 12.03)
Southwest	13.95	(11.48 - 16.85)	8.83	(6.72 - 11.52)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Montana</b>	12.02	(10.62 - 13.59)	9.00	(7.49 - 10.78)
Region 1	12.66	(9.96 - 15.97)	8.12	(5.96 - 10.98)
Region 2	11.95	(9.58 - 14.80)	8.90	(6.71 - 11.72)
Region 3	13.45	(10.98 - 16.38)	9.39	(7.13 - 12.28)
Region 4	11.94	(9.96 - 14.25)	9.11	(7.03 - 11.74)
Region 5	11.00	(9.11 - 13.23)	8.93	(6.81 - 11.62)
<b>Nebraska</b>	12.28	(10.83 - 13.91)	8.06	(6.72 - 9.64)
Regions 1 and 2	12.47	(9.86 - 15.64)	7.46	(5.43 - 10.16)
Region 3	12.52	(10.06 - 15.46)	8.28	(6.23 - 10.93)
Region 4	12.32	(9.81 - 15.38)	7.24	(5.34 - 9.74)
Region 5	11.74	(9.72 - 14.10)	8.65	(6.59 - 11.26)
Region 6	12.49	(10.55 - 14.72)	8.05	(6.27 - 10.27)
<b>Nevada</b>	12.06	(10.45 - 13.88)	9.86	(8.04 - 12.03)
Clark	11.95	(10.12 - 14.06)	9.95	(7.86 - 12.53)
Rural	11.97	(9.69 - 14.71)	8.97	(6.72 - 11.89)
Washoe	12.64	(10.16 - 15.62)	10.18	(7.62 - 13.47)
<b>New Hampshire</b>	11.58	(10.23 - 13.08)	7.94	(6.64 - 9.47)
Central	12.48	(10.62 - 14.60)	8.16	(6.50 - 10.21)
Central 1	12.78	(10.45 - 15.53)	8.47	(6.46 - 11.03)
Central 2	12.19	(9.81 - 15.04)	7.86	(5.82 - 10.55)
Northern	12.57	(10.15 - 15.47)	8.43	(6.28 - 11.22)
Southern	10.93	(9.38 - 12.69)	7.72	(6.26 - 9.49)
Southern 1 (Rockingham)	10.10	(8.27 - 12.29)	7.35	(5.59 - 9.59)
Southern 2	11.43	(9.49 - 13.69)	7.95	(6.14 - 10.24)
<b>New Jersey</b>	10.54	(9.22 - 12.01)	6.86	(5.57 - 8.42)
Central	9.75	(7.92 - 11.94)	6.23	(4.57 - 8.44)
Metropolitan	10.78	(8.79 - 13.15)	7.04	(5.24 - 9.39)
Northern	11.00	(9.04 - 13.32)	7.13	(5.33 - 9.47)
Southern	10.40	(8.44 - 12.77)	6.93	(5.12 - 9.32)
<b>New Mexico</b>	12.06	(10.52 - 13.79)	7.63	(6.33 - 9.17)
Region 1	13.08	(10.54 - 16.11)	7.16	(5.35 - 9.54)
Region 2	11.17	(8.78 - 14.12)	7.30	(5.40 - 9.80)
Region 3 (Bernalillo)	12.16	(10.11 - 14.56)	8.54	(6.51 - 11.12)
Region 4	12.55	(9.95 - 15.70)	7.58	(5.66 - 10.07)
Region 5	11.32	(9.14 - 13.93)	6.99	(5.22 - 9.30)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>New York</b>	11.11	(10.23 - 12.06)	7.21	(6.41 - 8.11)
Region A	11.63	(10.43 - 12.94)	7.55	(6.48 - 8.78)
Region 1	11.46	(9.42 - 13.88)	6.70	(5.09 - 8.77)
Region 2	11.54	(9.81 - 13.52)	8.04	(6.40 - 10.05)
Region 3	14.70	(12.28 - 17.51)	8.23	(6.33 - 10.63)
Region 4	9.61	(7.92 - 11.60)	6.91	(5.36 - 8.87)
Region B	9.59	(8.45 - 10.88)	6.43	(5.40 - 7.64)
Region 5	9.69	(8.15 - 11.48)	6.26	(4.95 - 7.89)
Region 6	9.31	(7.67 - 11.25)	6.74	(5.11 - 8.84)
Region 7	9.73	(7.96 - 11.84)	6.50	(4.95 - 8.49)
Region C	11.49	(10.34 - 12.76)	7.29	(6.30 - 8.44)
Region 8	10.82	(9.04 - 12.91)	7.29	(5.65 - 9.35)
Region 9	12.29	(10.13 - 14.82)	7.95	(6.13 - 10.25)
Region 10	13.75	(11.37 - 16.54)	7.32	(5.70 - 9.35)
Region 11	11.07	(9.18 - 13.30)	7.32	(5.67 - 9.41)
Region 12	10.94	(9.11 - 13.10)	6.74	(5.32 - 8.52)
Region D	12.07	(10.49 - 13.84)	7.68	(6.42 - 9.16)
Region 13	12.30	(9.96 - 15.10)	7.11	(5.46 - 9.23)
Region 14	11.77	(9.57 - 14.41)	8.18	(6.32 - 10.53)
Region 15	12.14	(9.82 - 14.93)	7.70	(5.78 - 10.19)
<b>North Carolina</b>	11.83	(10.28 - 13.59)	7.72	(6.42 - 9.24)
Eastern	11.84	(9.53 - 14.61)	7.31	(5.54 - 9.60)
North Central	12.15	(9.71 - 15.09)	7.99	(6.04 - 10.52)
South Central	11.84	(9.70 - 14.38)	7.94	(6.08 - 10.31)
Western	11.60	(9.55 - 14.01)	7.58	(5.77 - 9.91)
<b>North Dakota</b>	11.82	(10.40 - 13.41)	7.72	(6.54 - 9.10)
Badlands and West Central Lake Region and South Central	11.24	(9.24 - 13.61)	7.25	(5.58 - 9.38)
North Central and Northwest	12.32	(9.90 - 15.25)	7.86	(5.89 - 10.42)
Northeast	11.50	(9.34 - 14.07)	7.01	(5.35 - 9.13)
Southeast	11.72	(9.60 - 14.24)	8.13	(6.29 - 10.45)
Southeast	12.37	(10.35 - 14.72)	8.34	(6.56 - 10.55)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	12.24	(11.36 - 13.17)	8.76	(7.92 - 9.69)
Boards 2, 46, 55, and 68	11.77	(9.69 - 14.24)	9.35	(7.21 - 12.04)
Boards 3, 52, and 85	11.15	(9.19 - 13.46)	8.04	(6.16 - 10.43)
Boards 4 and 78	12.36	(10.14 - 14.99)	9.26	(7.00 - 12.15)
Boards 5 and 60	13.80	(11.54 - 16.40)	9.65	(7.48 - 12.37)
Boards 7, 15, 41, 79, and 84	12.25	(10.03 - 14.88)	9.25	(7.08 - 12.01)
Boards 8, 13, and 83	11.37	(9.45 - 13.62)	8.79	(6.86 - 11.19)
Board 9 (Butler)	12.90	(10.70 - 15.48)	9.44	(7.36 - 12.03)
Board 12	12.06	(9.95 - 14.54)	8.83	(6.86 - 11.31)
Boards 18 and 47	10.96	(9.39 - 12.76)	7.95	(6.32 - 9.96)
Boards 20, 32, 54, and 69	11.71	(9.65 - 14.13)	8.48	(6.46 - 11.05)
Boards 21, 39, 51, 70, and 80	12.99	(10.80 - 15.56)	9.61	(7.41 - 12.38)
Boards 22, 74, and 87	11.72	(9.63 - 14.19)	8.25	(6.27 - 10.78)
Boards 23 and 45	12.22	(10.12 - 14.68)	8.64	(6.65 - 11.14)
Board 25 (Franklin)	13.48	(11.71 - 15.47)	8.78	(7.12 - 10.79)
Boards 27, 71, and 73	13.52	(11.20 - 16.24)	9.99	(7.75 - 12.78)
Boards 28, 43, and 67	10.58	(8.84 - 12.61)	8.43	(6.48 - 10.89)
Board 31 (Hamilton)	12.70	(10.73 - 14.98)	8.92	(7.05 - 11.21)
Board 48 (Lucas)	12.72	(10.45 - 15.40)	8.43	(6.47 - 10.92)
Boards 50 and 76	11.63	(9.57 - 14.07)	8.39	(6.54 - 10.70)
Board 57 (Montgomery)	13.34	(11.09 - 15.96)	8.58	(6.71 - 10.92)
Board 77 (Summit)	13.01	(10.78 - 15.62)	9.08	(7.08 - 11.57)
<b>Oklahoma</b>	13.49	(11.97 - 15.16)	8.33	(7.00 - 9.88)
Central	12.41	(10.15 - 15.10)	8.04	(6.15 - 10.46)
East Central	13.45	(10.86 - 16.55)	7.66	(5.66 - 10.28)
Northeast	13.68	(11.19 - 16.61)	8.20	(6.15 - 10.86)
Northwest and Southwest	14.36	(11.72 - 17.47)	8.02	(6.06 - 10.53)
Oklahoma County	12.98	(10.63 - 15.76)	8.61	(6.56 - 11.23)
Southeast	13.61	(11.07 - 16.63)	7.87	(5.88 - 10.46)
Tulsa County	13.78	(11.28 - 16.72)	9.48	(7.18 - 12.42)
<b>Oregon</b>	11.76	(10.35 - 13.33)	8.98	(7.57 - 10.61)
Region 1 (Multnomah)	13.36	(11.02 - 16.12)	10.85	(8.29 - 14.09)
Region 2	11.20	(9.21 - 13.55)	8.96	(6.92 - 11.53)
Region 3	11.14	(9.24 - 13.38)	8.33	(6.49 - 10.63)
Region 4	11.47	(9.24 - 14.15)	8.07	(6.03 - 10.72)
Region 5	12.14	(9.69 - 15.12)	8.70	(6.42 - 11.68)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Pennsylvania</b>	11.27	(10.42 - 12.17)	7.16	(6.36 - 8.05)
Region 1 (Allegheny)	13.22	(11.18 - 15.56)	8.07	(6.36 - 10.20)
Regions 2, 3, 8, and 9	11.23	(9.22 - 13.60)	7.29	(5.62 - 9.41)
Regions 4, 11, 37, and 49	11.22	(9.30 - 13.47)	7.33	(5.64 - 9.48)
Regions 5, 18, 23, 24, and 46	10.36	(8.59 - 12.44)	7.76	(6.10 - 9.83)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	11.71	(9.91 - 13.77)	6.88	(5.41 - 8.70)
Regions 7, 13, 20, and 33	9.13	(7.81 - 10.64)	5.79	(4.54 - 7.35)
Regions 10, 14, 15, 27, 32, 43, and 44	13.42	(11.02 - 16.25)	7.39	(5.68 - 9.57)
Regions 17 and 21	12.39	(10.12 - 15.08)	7.46	(5.70 - 9.71)
Regions 19, 26, 28, and 42	10.95	(9.26 - 12.89)	6.86	(5.39 - 8.70)
Regions 22, 38, 40, 41, and 48	12.07	(10.02 - 14.46)	7.53	(5.77 - 9.78)
Regions 25 and 30	11.27	(9.20 - 13.74)	7.53	(5.75 - 9.80)
Regions 29 and 34	9.90	(8.04 - 12.12)	6.75	(5.18 - 8.75)
Region 36 (Philadelphia)	12.56	(10.67 - 14.73)	8.18	(6.44 - 10.33)
<b>Rhode Island</b>	14.28	(12.59 - 16.15)	9.55	(7.87 - 11.54)
Bristol and Newport	11.36	(9.05 - 14.16)	8.12	(5.96 - 10.98)
Kent	12.97	(10.38 - 16.09)	8.79	(6.56 - 11.68)
Providence	15.73	(13.53 - 18.23)	10.31	(8.12 - 13.00)
Washington	12.04	(9.81 - 14.70)	8.39	(6.31 - 11.08)
<b>South Carolina</b>	12.35	(10.87 - 13.99)	7.61	(6.32 - 9.15)
Region 1	13.52	(11.22 - 16.21)	8.86	(6.81 - 11.47)
Region 2	12.63	(10.42 - 15.22)	7.42	(5.60 - 9.76)
Region 3	11.90	(9.67 - 14.57)	7.03	(5.22 - 9.39)
Region 4	11.12	(9.13 - 13.47)	6.94	(5.32 - 9.00)
<b>South Dakota</b>	10.74	(9.35 - 12.30)	6.84	(5.62 - 8.29)
Region 1	10.28	(8.23 - 12.78)	6.83	(5.09 - 9.12)
Region 2	11.09	(9.10 - 13.45)	7.24	(5.38 - 9.69)
Region 3	10.54	(8.55 - 12.93)	6.90	(5.13 - 9.23)
Region 4	10.89	(8.63 - 13.64)	7.12	(5.22 - 9.64)
Region 5	10.87	(8.54 - 13.75)	6.23	(4.50 - 8.57)
Region 6	11.55	(9.10 - 14.56)	6.33	(4.56 - 8.72)
Region 7	10.30	(8.28 - 12.75)	6.63	(4.95 - 8.82)
<b>Tennessee</b>	13.10	(11.59 - 14.78)	8.58	(7.20 - 10.20)
Region 1	14.84	(11.94 - 18.30)	9.18	(6.86 - 12.18)
Region 2	13.86	(11.36 - 16.80)	8.33	(6.25 - 11.02)
Region 3	12.29	(9.92 - 15.12)	8.23	(6.19 - 10.85)
Region 4 (Davidson)	13.92	(11.34 - 16.98)	9.20	(6.86 - 12.24)
Region 5	12.49	(10.33 - 15.01)	8.87	(6.79 - 11.50)
Region 6	14.02	(11.28 - 17.29)	8.84	(6.54 - 11.85)
Region 7 (Shelby)	11.70	(9.47 - 14.38)	7.93	(6.00 - 10.43)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Texas</b>	11.37	(10.51 - 12.29)	6.97	(6.22 - 7.80)
Region 1	12.22	(10.04 - 14.80)	7.93	(6.11 - 10.24)
Region 2	12.85	(10.49 - 15.65)	8.51	(6.39 - 11.26)
Region 3	11.25	(10.03 - 12.61)	7.04	(5.98 - 8.27)
Region 3a	9.89	(8.49 - 11.49)	6.25	(5.04 - 7.74)
Region 3bc	13.67	(11.53 - 16.13)	8.43	(6.65 - 10.62)
Region 4	11.42	(9.40 - 13.81)	8.21	(6.27 - 10.67)
Region 5	12.09	(9.80 - 14.84)	7.42	(5.67 - 9.65)
Region 6	9.84	(8.53 - 11.34)	6.33	(5.20 - 7.69)
Region 6a	9.75	(8.33 - 11.38)	6.16	(4.96 - 7.63)
Region 6bc	10.62	(8.64 - 12.98)	7.67	(5.87 - 9.96)
Region 7	12.13	(10.65 - 13.78)	7.79	(6.48 - 9.33)
Region 7a	12.01	(10.18 - 14.11)	7.88	(6.23 - 9.93)
Region 7bcd	12.31	(10.16 - 14.84)	7.64	(5.96 - 9.73)
Region 8	12.18	(10.18 - 14.51)	6.95	(5.42 - 8.87)
Region 9	11.80	(9.57 - 14.47)	7.22	(5.51 - 9.41)
Region 10	11.14	(9.08 - 13.59)	5.87	(4.40 - 7.79)
Region 11	12.79	(10.96 - 14.87)	5.99	(4.80 - 7.44)
Region 11abd	13.39	(11.02 - 16.17)	6.27	(4.81 - 8.14)
Region 11c (Hidalgo)	11.59	(9.49 - 14.07)	5.42	(4.07 - 7.18)
<b>Utah</b>	14.65	(13.04 - 16.43)	9.95	(8.42 - 11.72)
Bear River, Northeastern, Summit, Tooele, and Wasatch	13.76	(11.40 - 16.52)	9.10	(6.98 - 11.79)
Central, Four Corners, San Juan, and Southwest	13.48	(10.98 - 16.44)	8.28	(6.27 - 10.87)
Davis County	13.81	(11.31 - 16.75)	9.25	(7.15 - 11.88)
Salt Lake County	15.33	(13.03 - 17.96)	11.06	(8.78 - 13.84)
Utah County	14.59	(12.27 - 17.26)	9.29	(7.23 - 11.88)
Weber, Morgan	15.34	(12.52 - 18.66)	10.17	(7.74 - 13.25)
<b>Vermont</b>	11.92	(10.50 - 13.50)	8.30	(6.98 - 9.83)
Champlain Valley	11.58	(9.83 - 13.58)	7.88	(6.20 - 9.97)
Rural Northeast	12.46	(10.18 - 15.16)	9.41	(7.21 - 12.20)
Rural Southeast	11.28	(9.11 - 13.90)	7.95	(5.97 - 10.53)
Rural Southwest	12.77	(10.35 - 15.65)	8.11	(6.06 - 10.78)
<b>Virginia</b>	10.76	(9.43 - 12.25)	7.35	(6.11 - 8.83)
Region 1	11.69	(9.46 - 14.36)	8.05	(6.06 - 10.61)
Region 2	9.34	(7.66 - 11.35)	6.82	(5.23 - 8.85)
Region 3	12.34	(9.95 - 15.21)	8.33	(6.24 - 11.04)
Region 4	10.86	(8.78 - 13.37)	7.11	(5.30 - 9.47)
Region 5	10.43	(8.47 - 12.77)	6.91	(5.21 - 9.13)

See notes at end of table.

(continued)

**Table C10. Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs (continued)**

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Washington</b>	11.86	(10.46 - 13.41)	7.47	(6.21 - 8.96)
Region 1	12.31	(9.94 - 15.14)	7.49	(5.59 - 9.96)
Region 2	12.15	(9.76 - 15.02)	6.80	(5.12 - 8.96)
Region 3	11.24	(9.18 - 13.69)	7.34	(5.47 - 9.77)
Region 4 (King)	11.52	(9.54 - 13.84)	7.68	(5.84 - 10.04)
Region 5	12.80	(10.48 - 15.55)	7.61	(5.78 - 9.95)
Region 6	11.71	(9.45 - 14.43)	7.43	(5.50 - 9.96)
<b>West Virginia</b>	14.80	(13.09 - 16.69)	8.96	(7.55 - 10.60)
Eastern Highland	13.94	(11.34 - 17.02)	8.24	(6.16 - 10.94)
Northern	14.77	(12.54 - 17.33)	9.34	(7.40 - 11.72)
Northern A and B	14.60	(11.66 - 18.13)	9.27	(6.81 - 12.50)
Northern C and D	14.86	(12.19 - 18.00)	9.37	(7.05 - 12.36)
South Central	14.92	(12.85 - 17.25)	8.92	(7.24 - 10.94)
South Central I	13.39	(10.73 - 16.59)	8.37	(6.18 - 11.25)
South Central II	15.86	(12.85 - 19.42)	8.90	(6.68 - 11.77)
South Central III	15.21	(12.44 - 18.48)	9.26	(6.96 - 12.21)
Southern	15.56	(13.03 - 18.49)	9.35	(7.34 - 11.83)
Southern I and III	15.10	(12.09 - 18.69)	8.67	(6.42 - 11.61)
Southern II	16.49	(13.18 - 20.44)	10.69	(7.74 - 14.59)
<b>Wisconsin</b>	11.59	(10.26 - 13.06)	8.16	(6.90 - 9.64)
Milwaukee	13.09	(10.68 - 15.96)	8.41	(6.36 - 11.03)
Northeastern	11.53	(9.45 - 14.01)	8.61	(6.63 - 11.11)
Northern	11.80	(9.42 - 14.67)	7.70	(5.70 - 10.32)
Southeastern	10.30	(8.38 - 12.59)	7.45	(5.70 - 9.69)
Southern	11.37	(9.40 - 13.68)	8.35	(6.37 - 10.89)
Western	11.94	(9.67 - 14.66)	8.25	(6.28 - 10.77)
<b>Wyoming</b>	13.32	(11.84 - 14.95)	9.39	(7.90 - 11.11)
Judicial District 1 (Laramie)	13.91	(11.42 - 16.84)	10.12	(7.73 - 13.15)
Judicial District 2	15.25	(12.64 - 18.29)	10.36	(8.03 - 13.26)
Judicial District 3	12.85	(10.51 - 15.62)	9.16	(7.07 - 11.80)
Judicial District 4	12.12	(9.71 - 15.04)	8.82	(6.41 - 12.02)
Judicial District 5	11.13	(8.93 - 13.79)	7.90	(5.81 - 10.64)
Judicial District 6	13.92	(11.33 - 16.99)	8.73	(6.60 - 11.47)
Judicial District 7 (Natrona)	14.14	(11.62 - 17.10)	9.63	(7.36 - 12.53)
Judicial District 8	12.68	(10.04 - 15.89)	8.29	(6.11 - 11.15)
Judicial District 9	12.97	(10.49 - 15.93)	10.21	(7.60 - 13.60)

\*\* A separate Kauai estimate is not being reported because of low precision. See Table D12 of Section D for more details.

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.

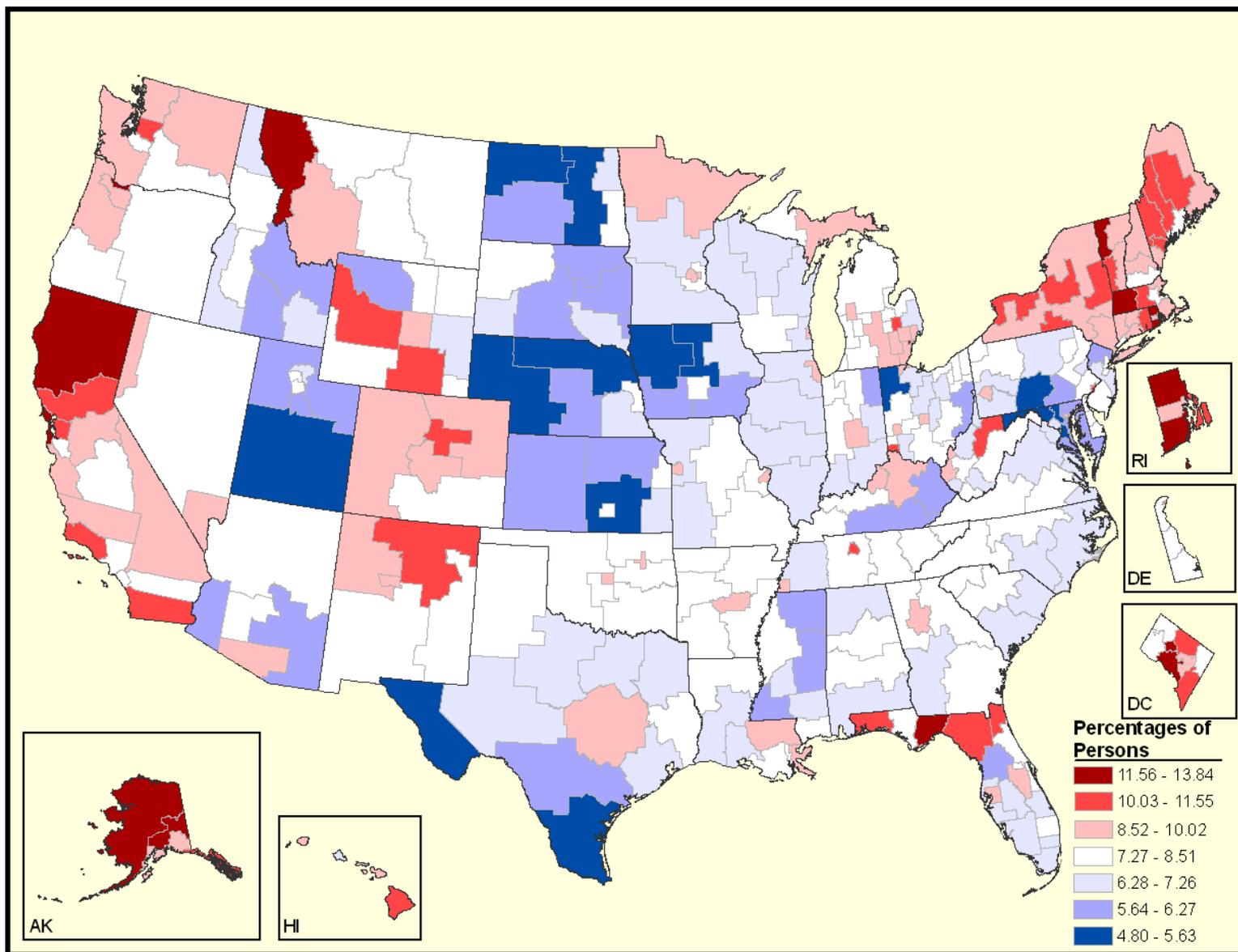
<sup>1</sup> Serious Psychological Distress (SPD) is defined as having a score of 13 or higher on the K6 scale. Because of questionnaire changes, these estimates are not comparable with estimates from the 2002-2004 substate report. For details, see Section B.7. Data for SPD are not defined for 12 to 17 year olds; therefore, the estimates reflect only those aged 18 or older.

<sup>2</sup> Major Depressive Episode (MDE) is defined as in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV), which specifies a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. There are minor wording differences in the questions in the adult and adolescent MDE modules. Therefore, data from youths aged 12 to 17 were not combined with data from persons aged 18 or older to get an overall estimate (12 or older).

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C1.1 *Illicit Drug Use in Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-122

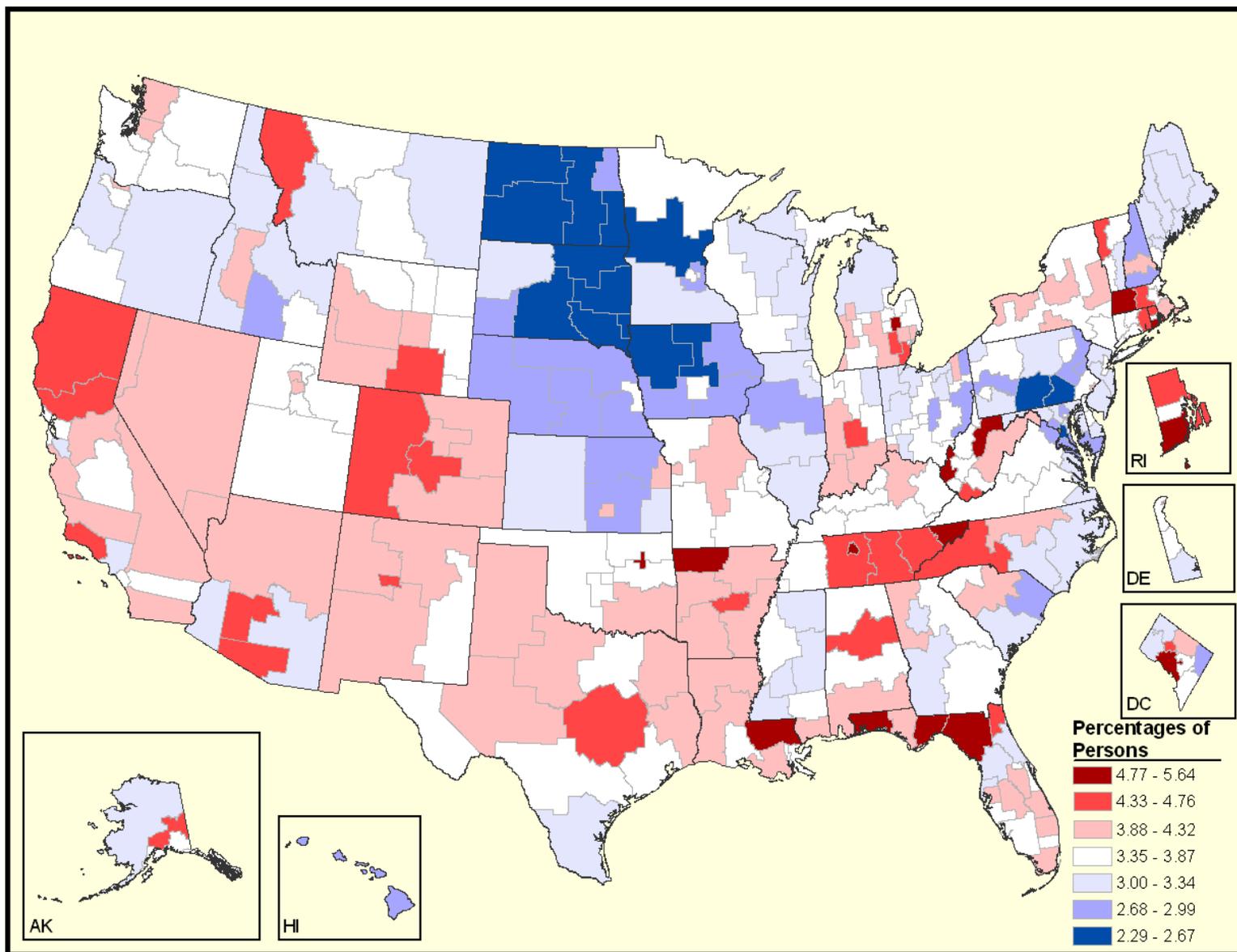


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C1.2 *Illicit Drug Use Other Than Marijuana in Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-123

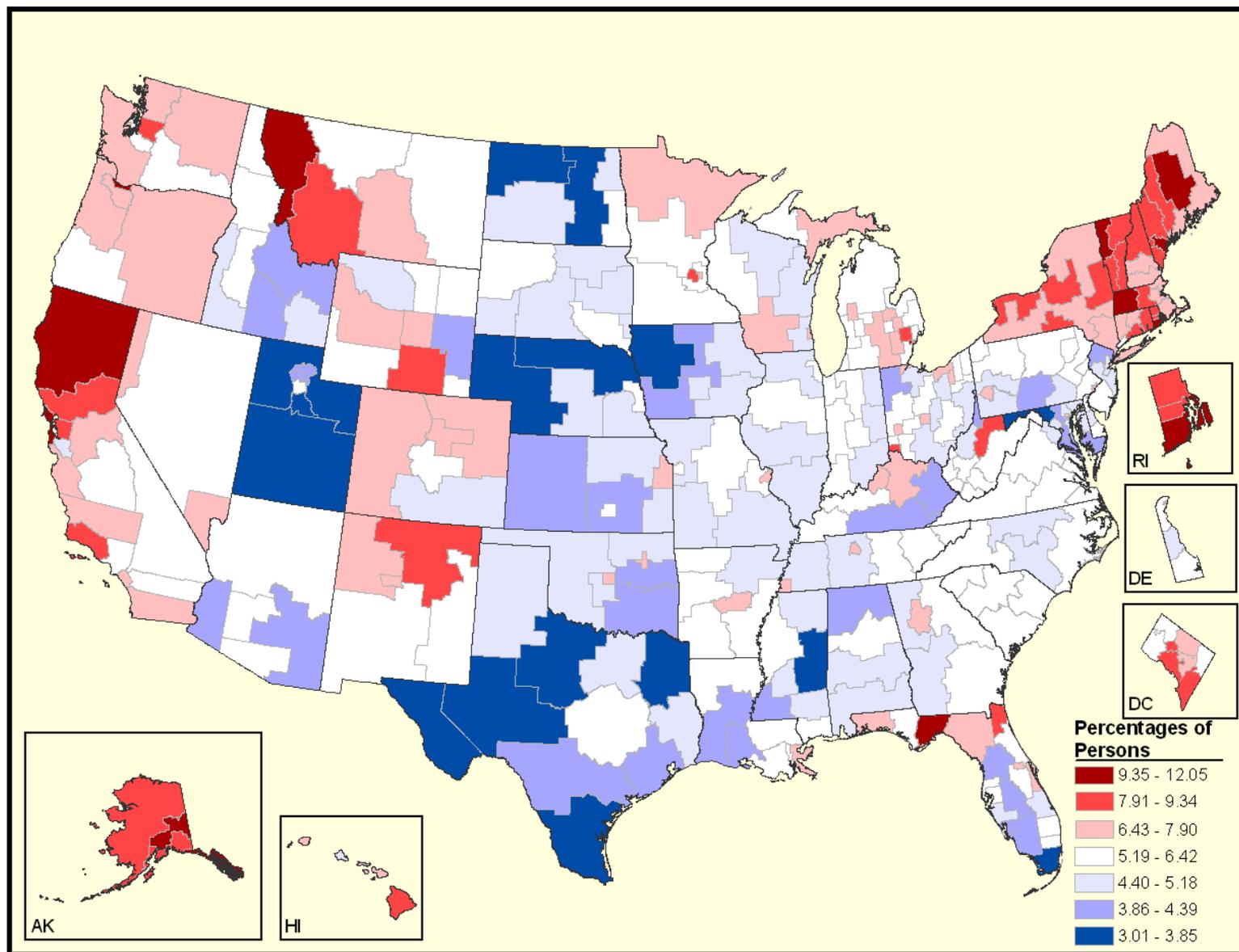


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C2.1 Marijuana Use in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-124

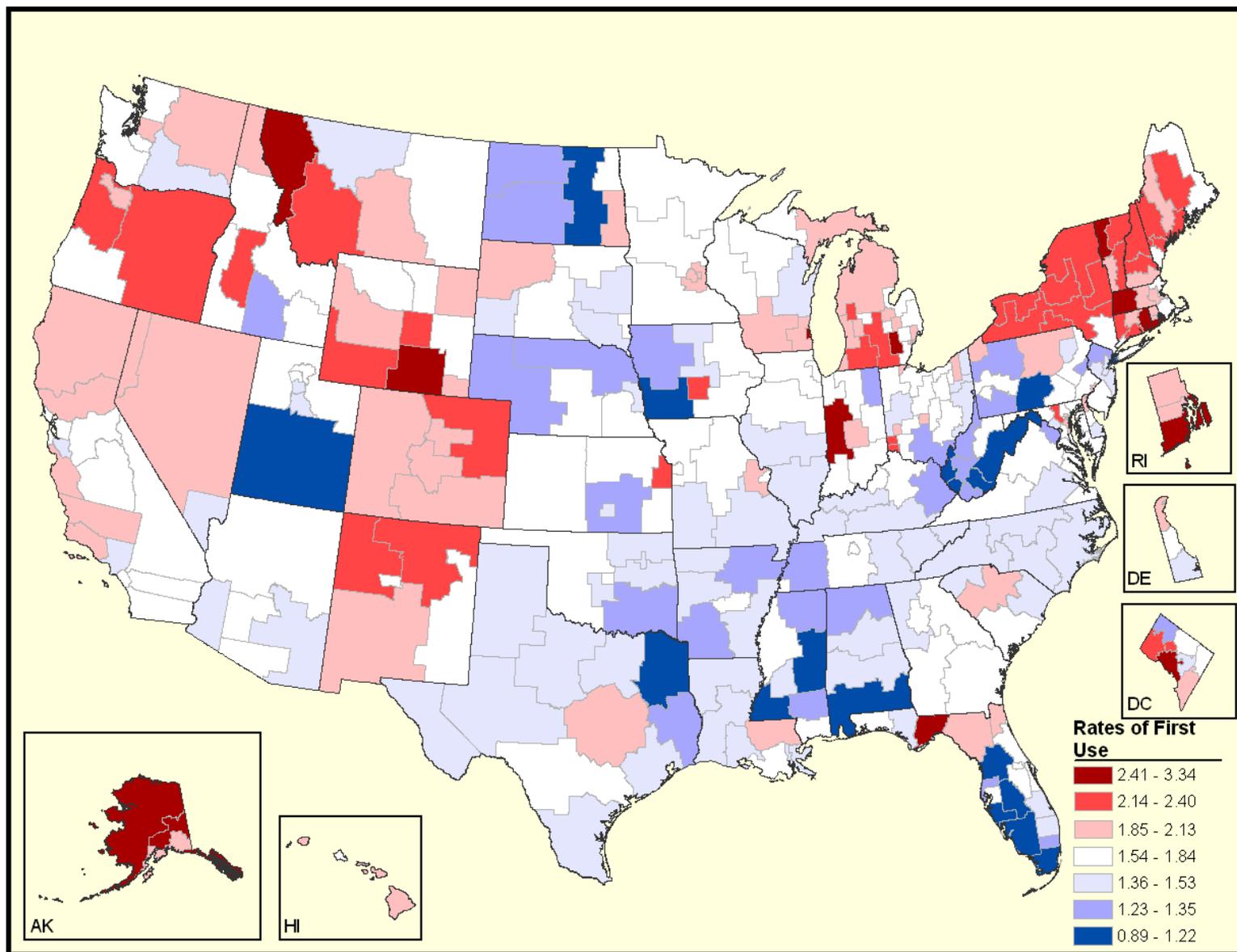


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

Figure C2.2 *First Use of Marijuana* among Persons Aged 12 or Older, by Substate Region: Average Annual Rates Based on 2004, 2005, and 2006 NSDUHs

C-125

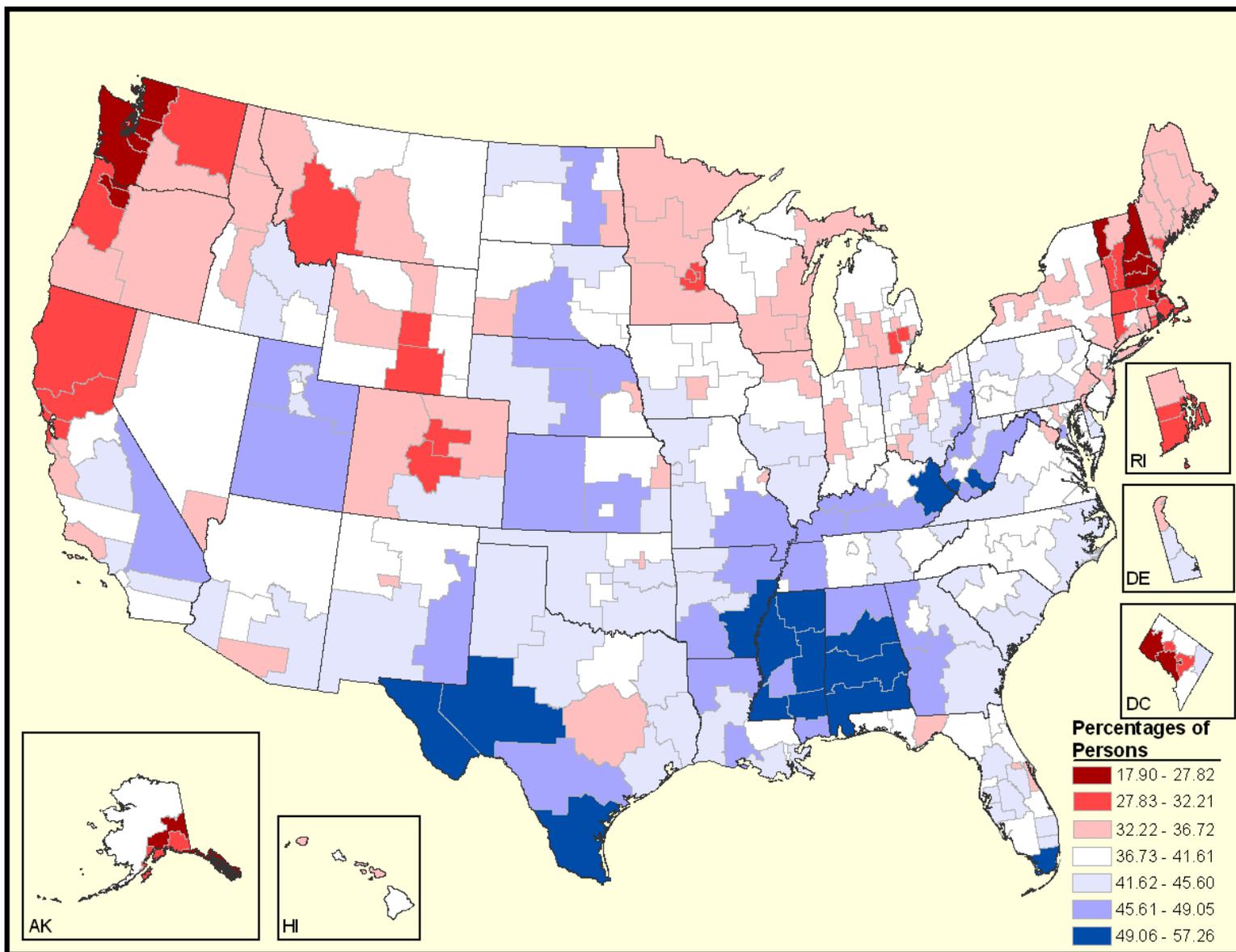


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 NSDUHs**

C-126

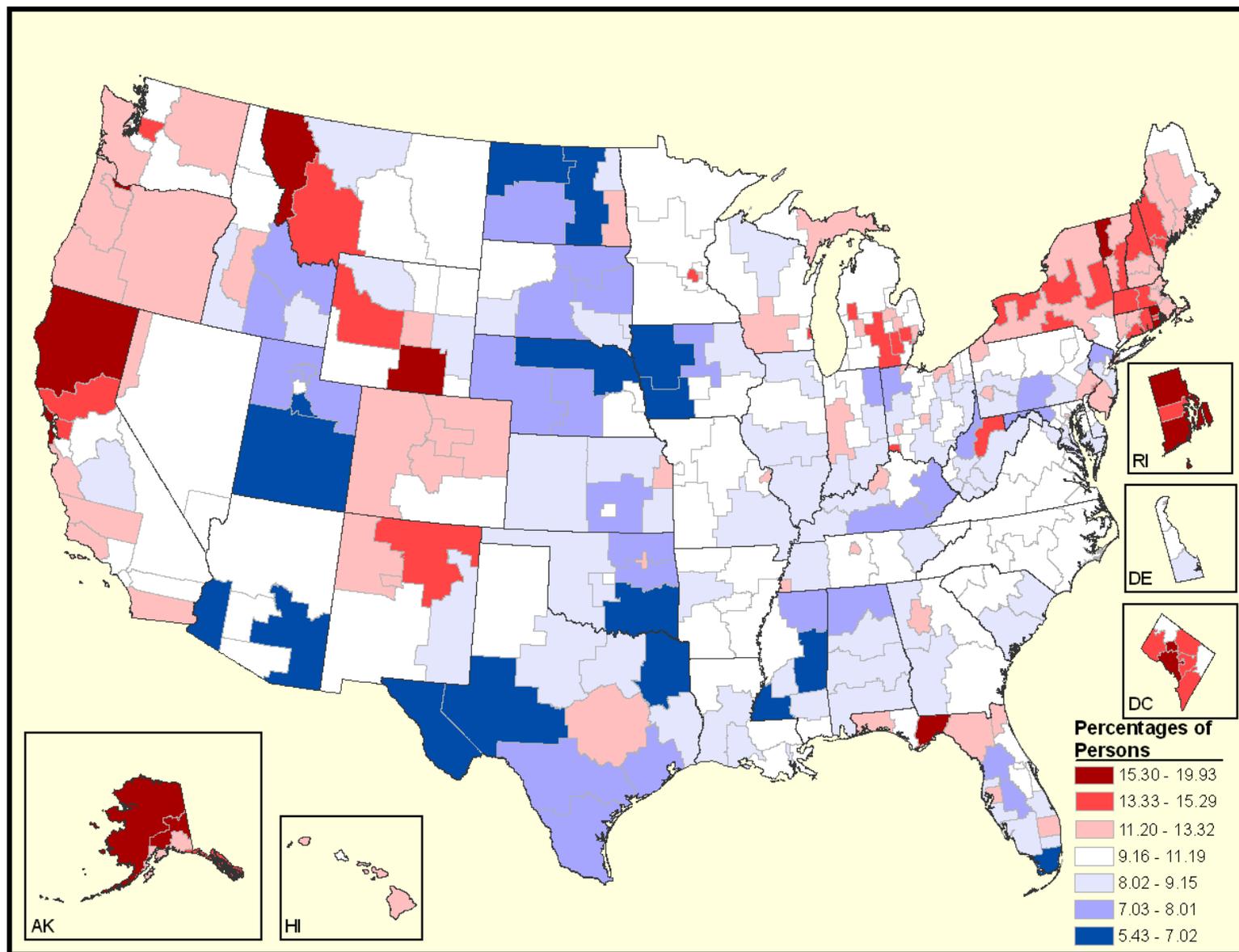


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C3.1 Marijuana Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-127

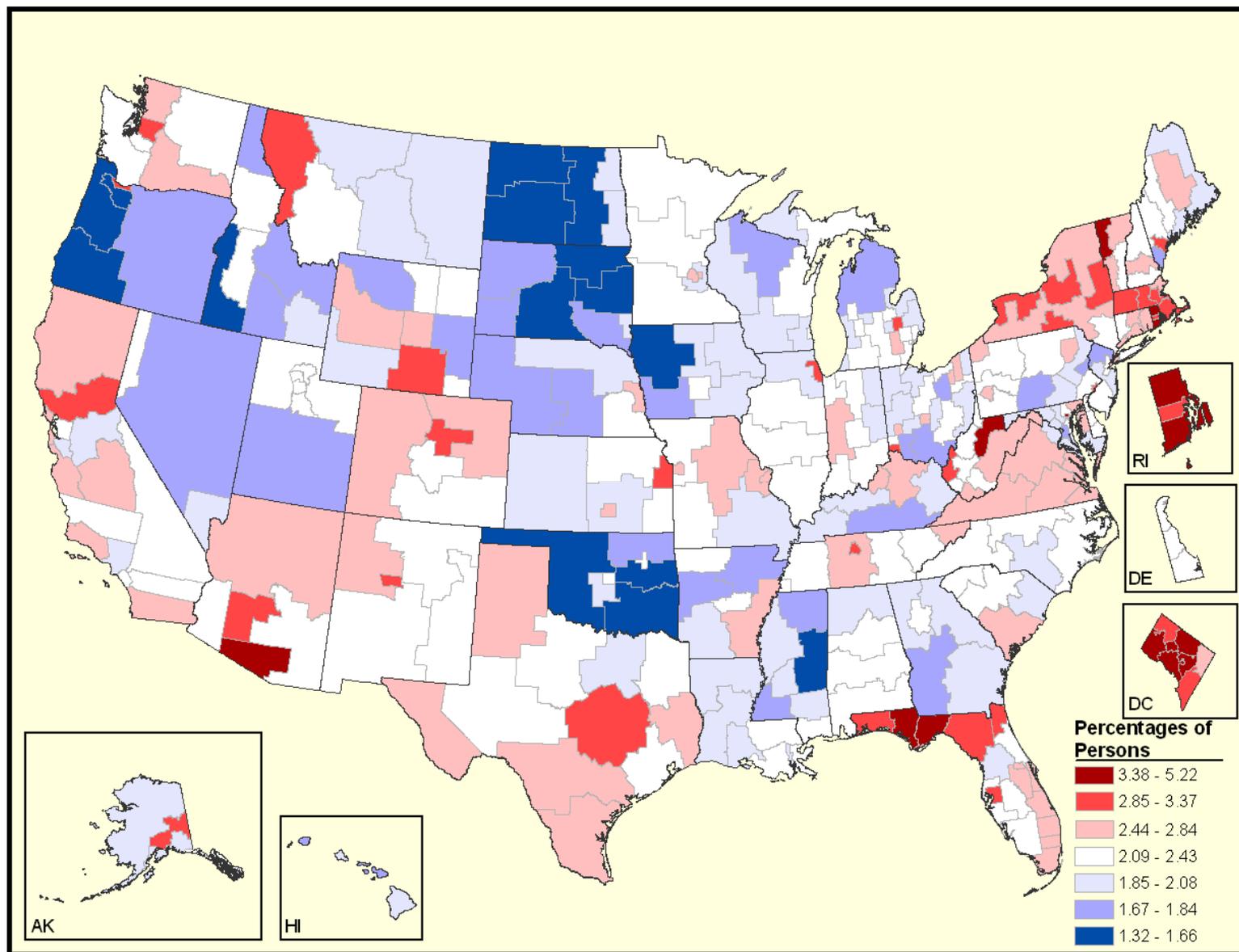


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C3.2 Cocaine Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-128

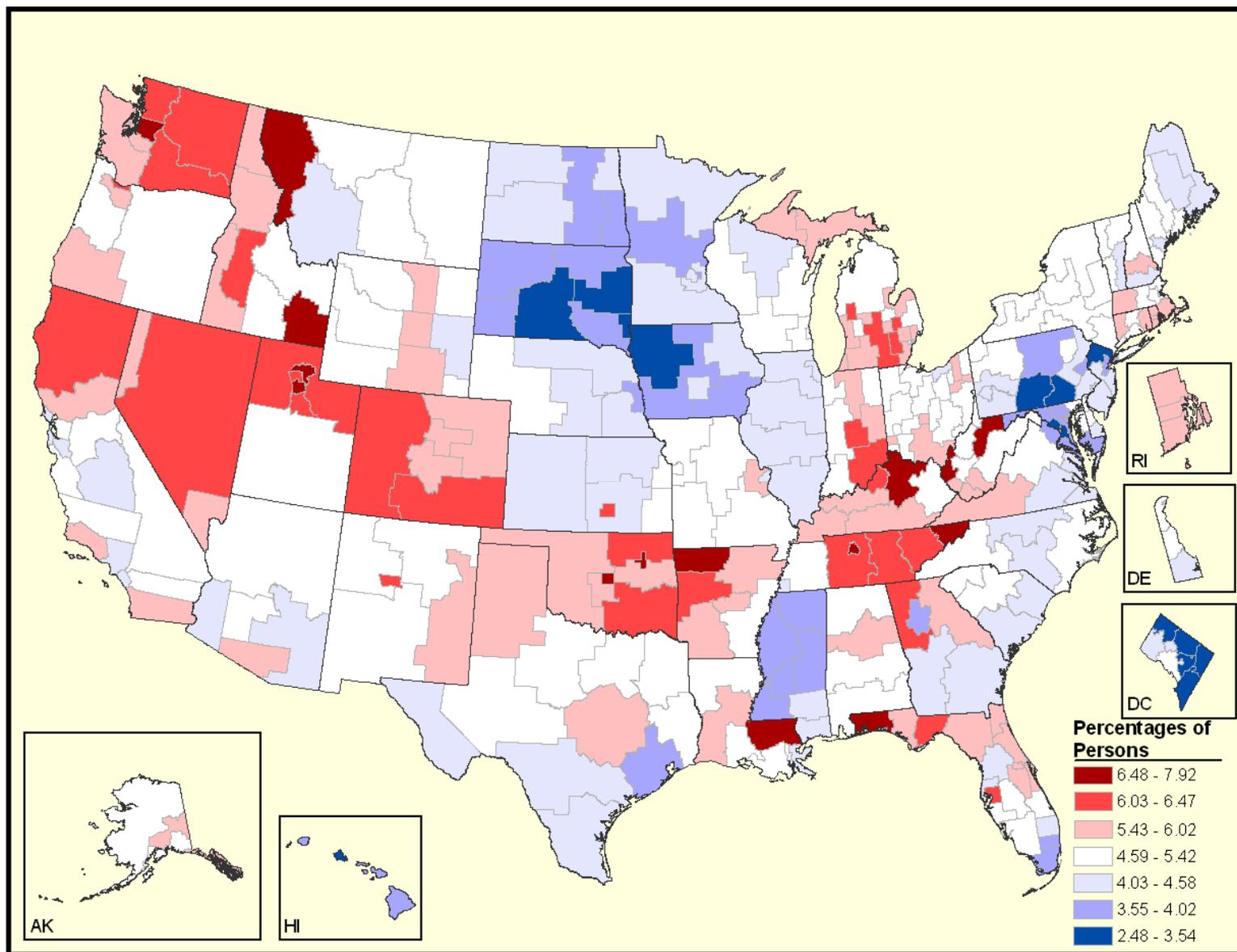


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 NSDUHs**

C-129

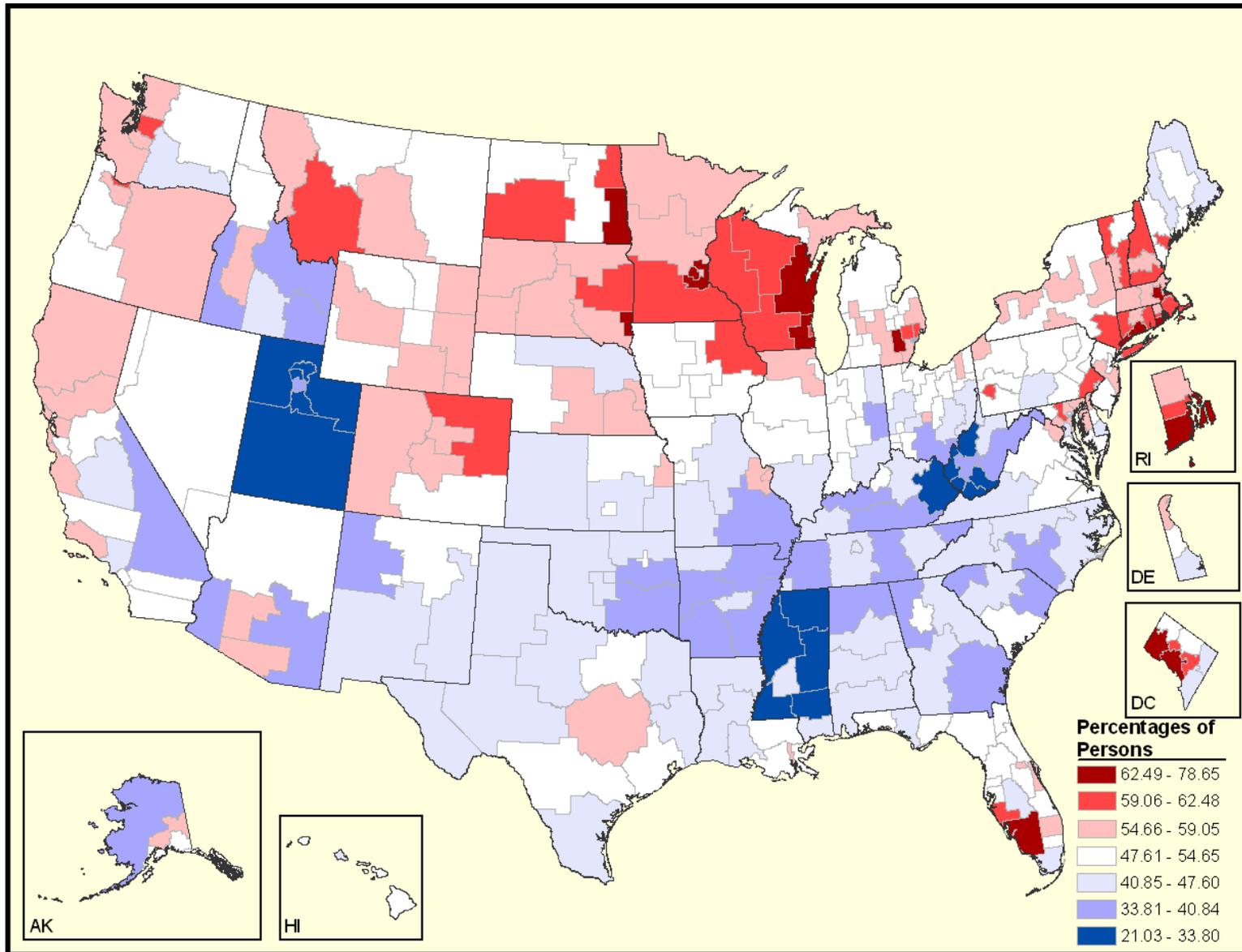


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C4.1 Alcohol Use in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-130

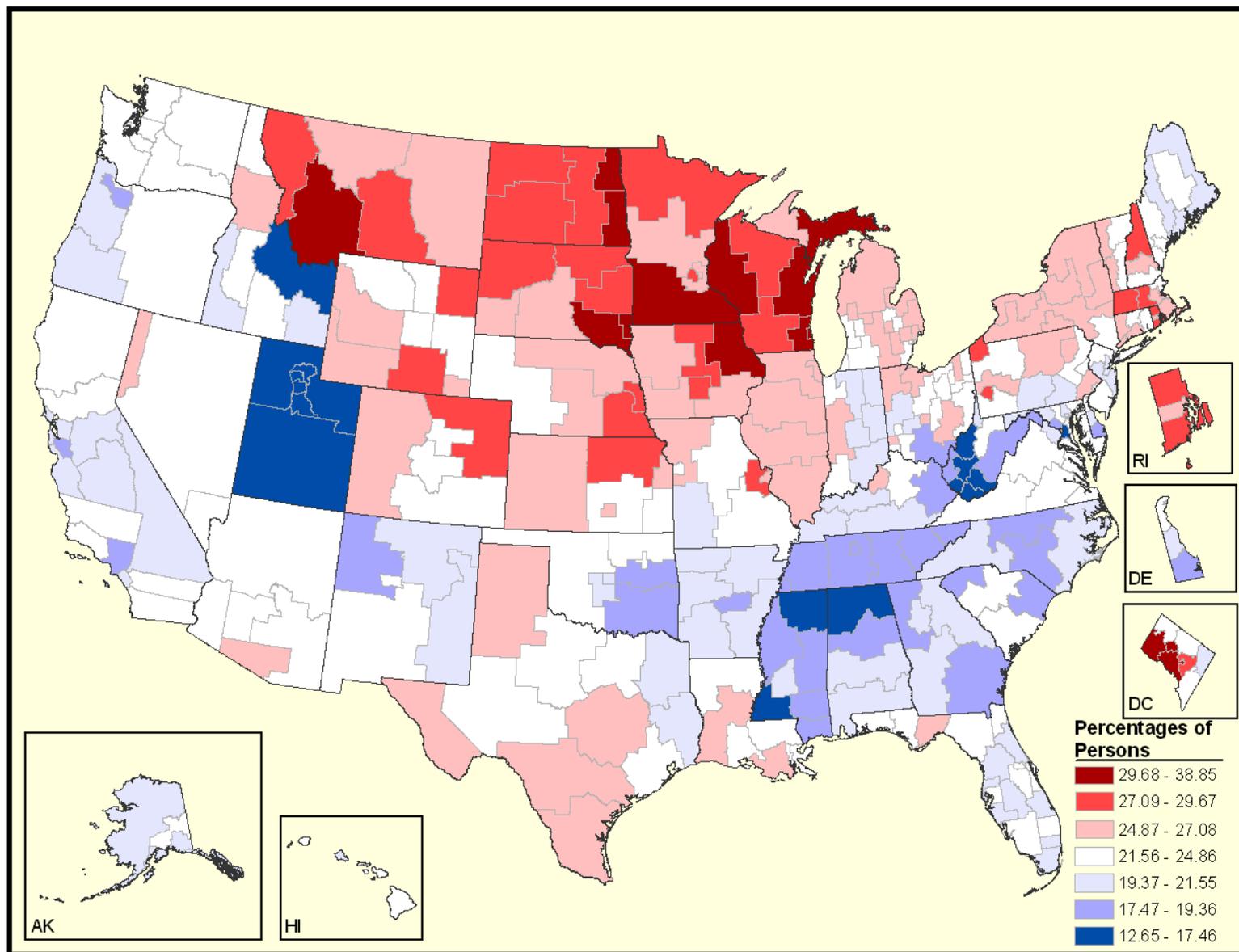


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C4.2 Binge Alcohol Use in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

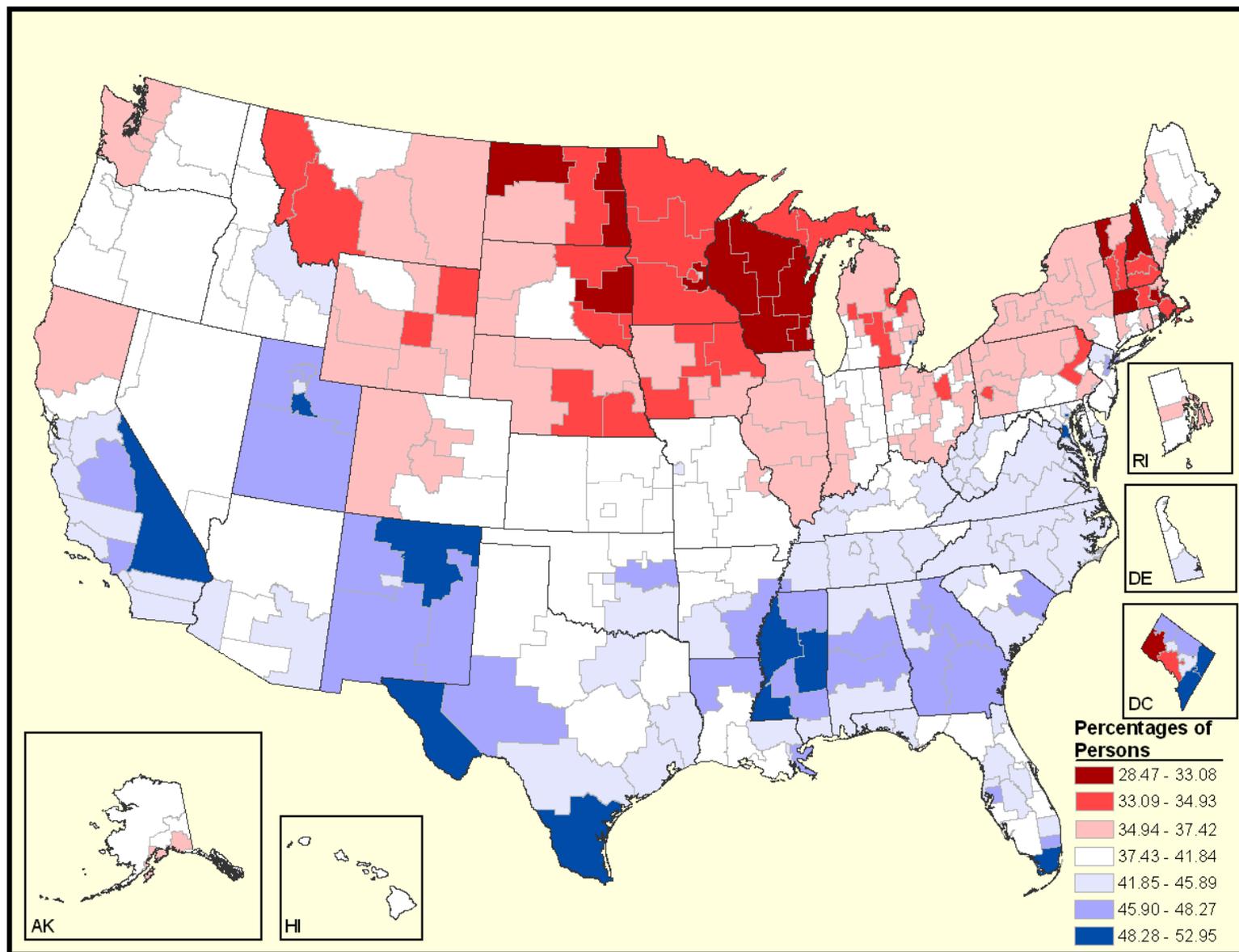
C-131



NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 NSDUHs*



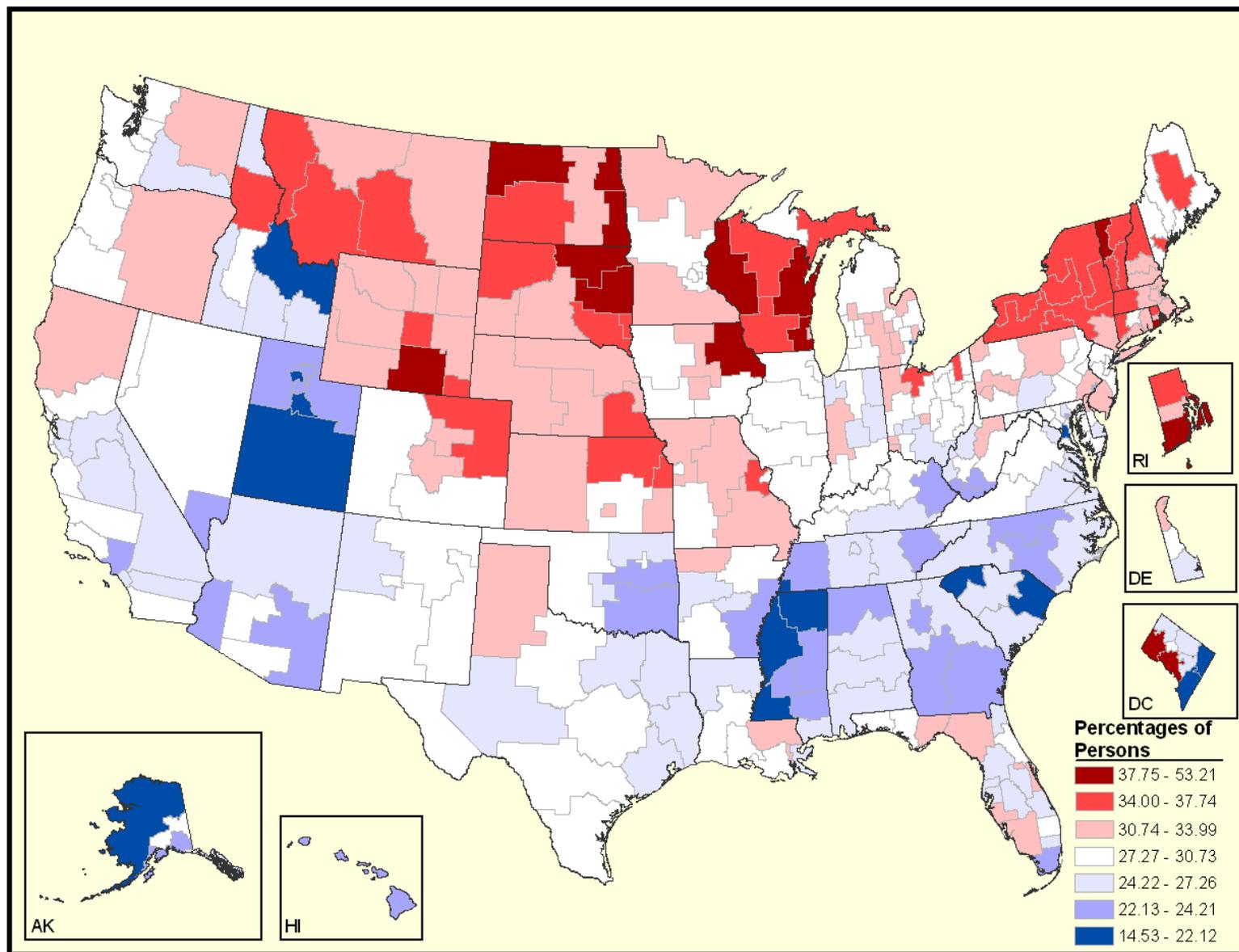
C-132

NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C5.1 Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-133

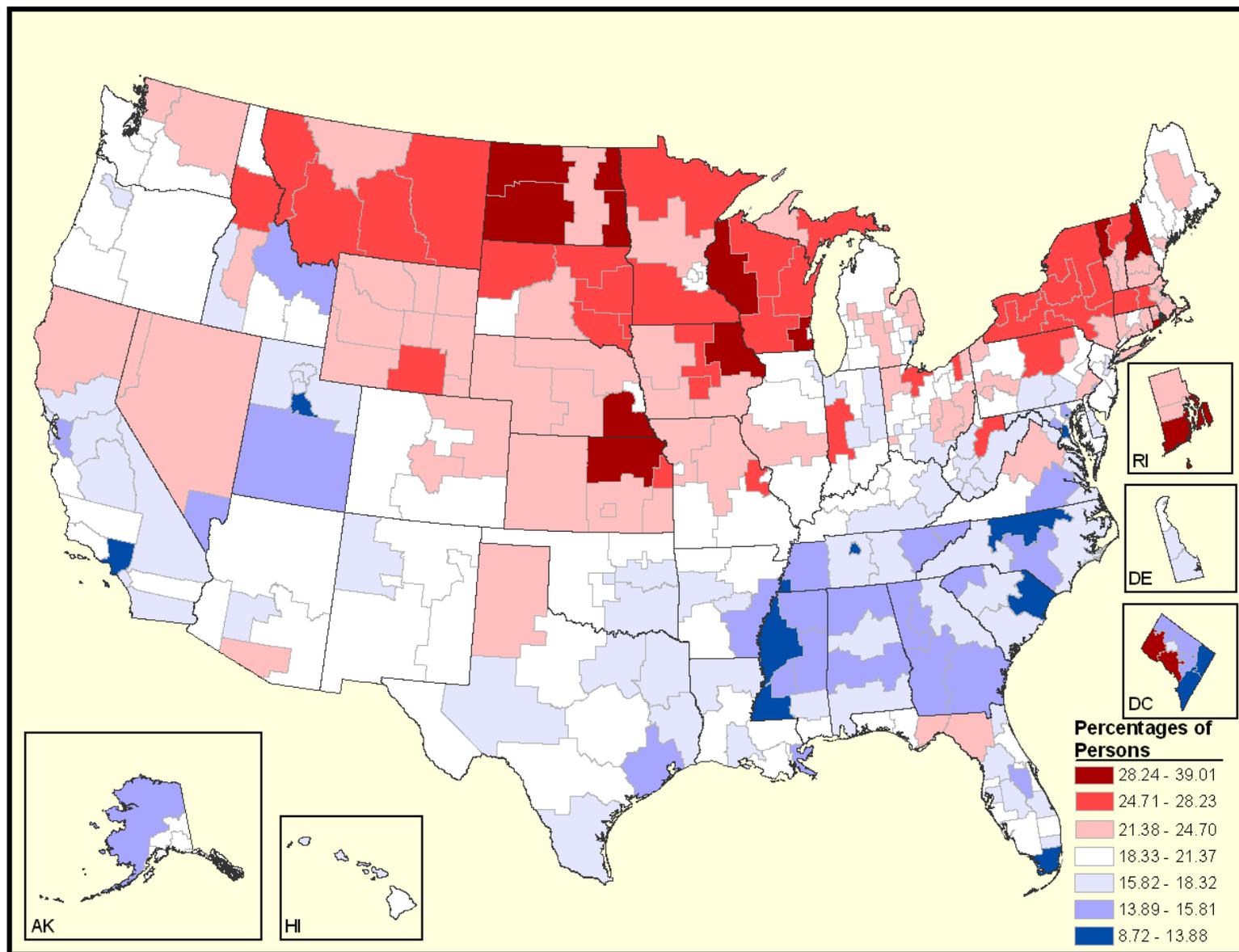


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C5.2 Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-134

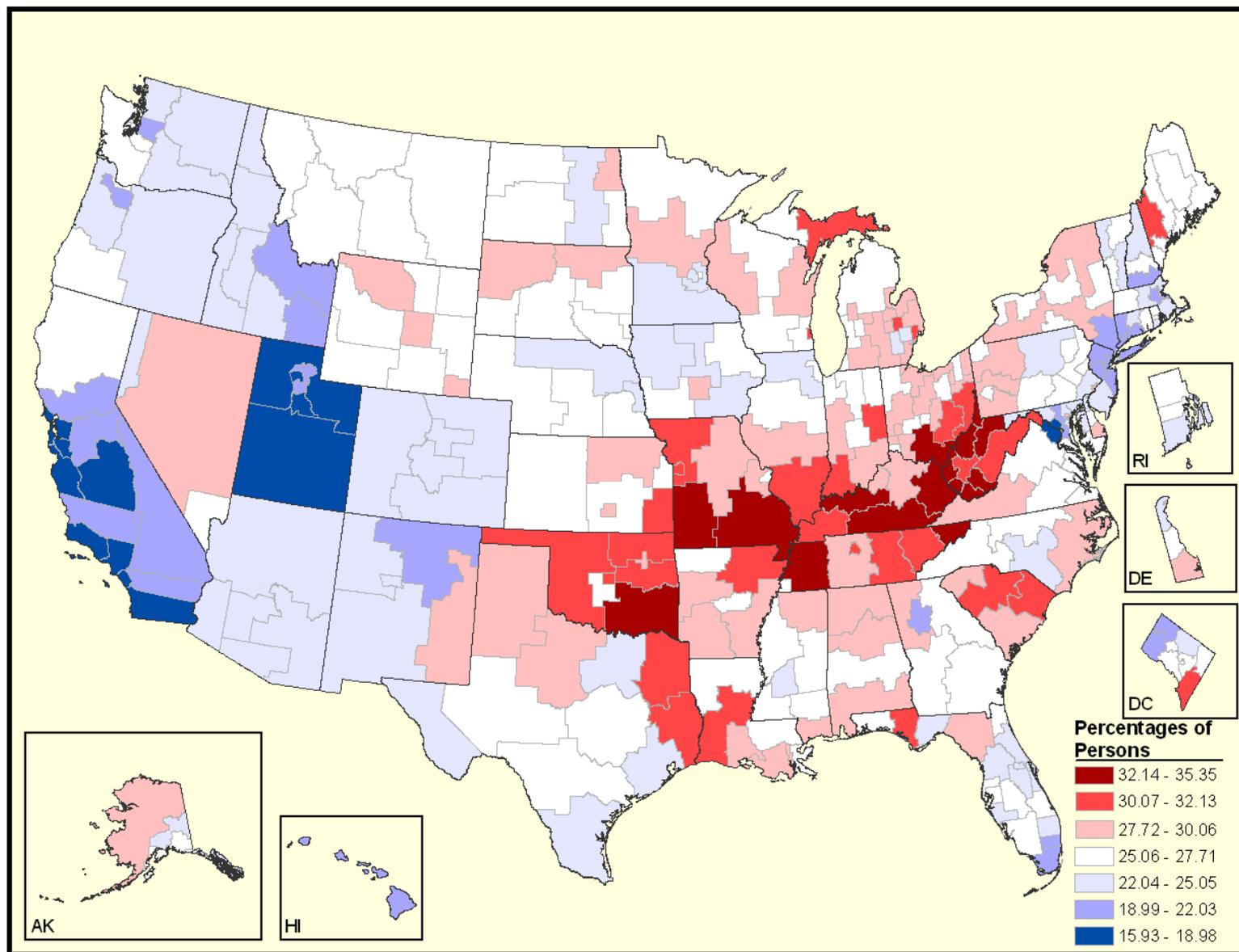


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C6.1 Cigarette Use in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-135

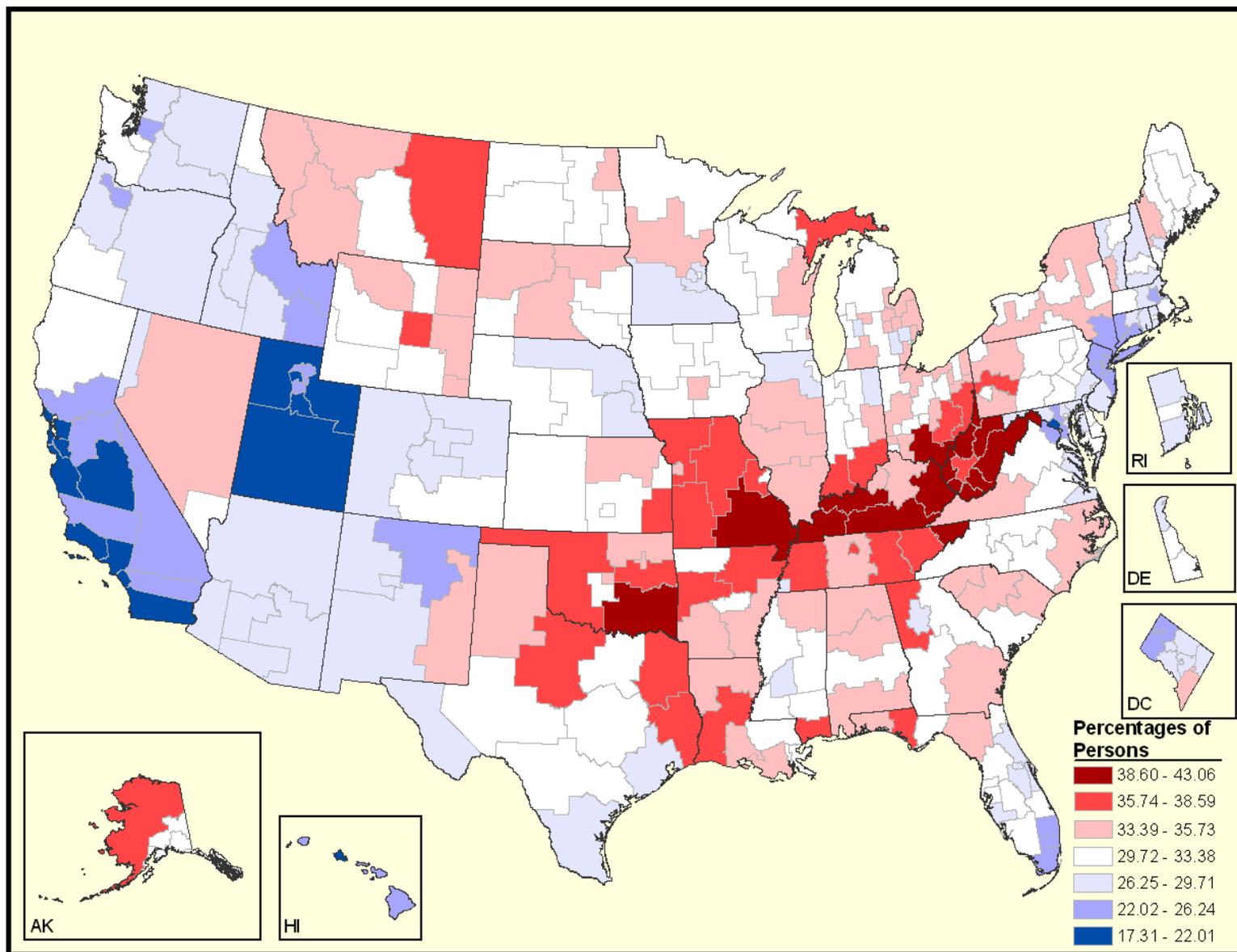


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C6.2 Tobacco Product Use in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-136

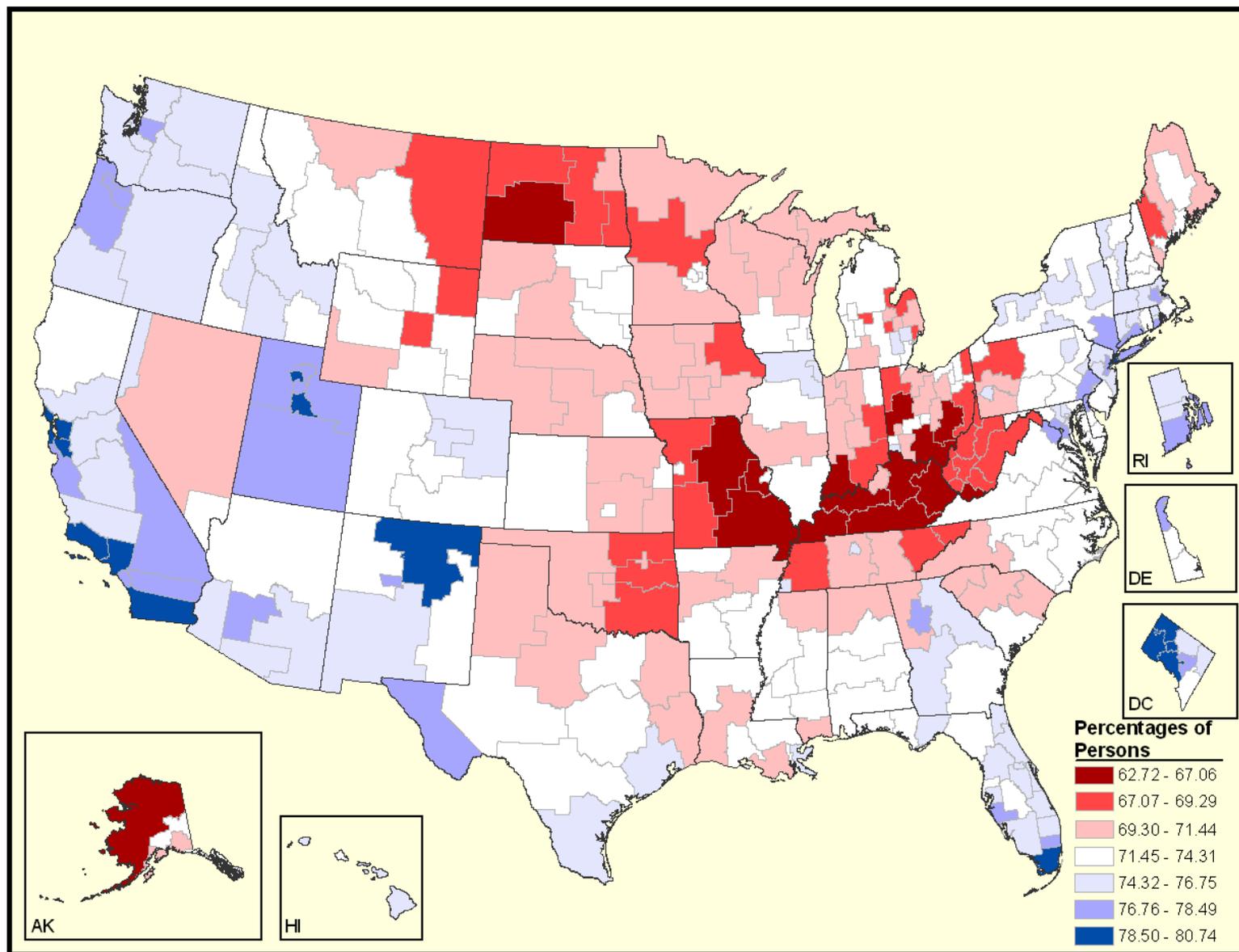


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 NSDUHs**

C-137

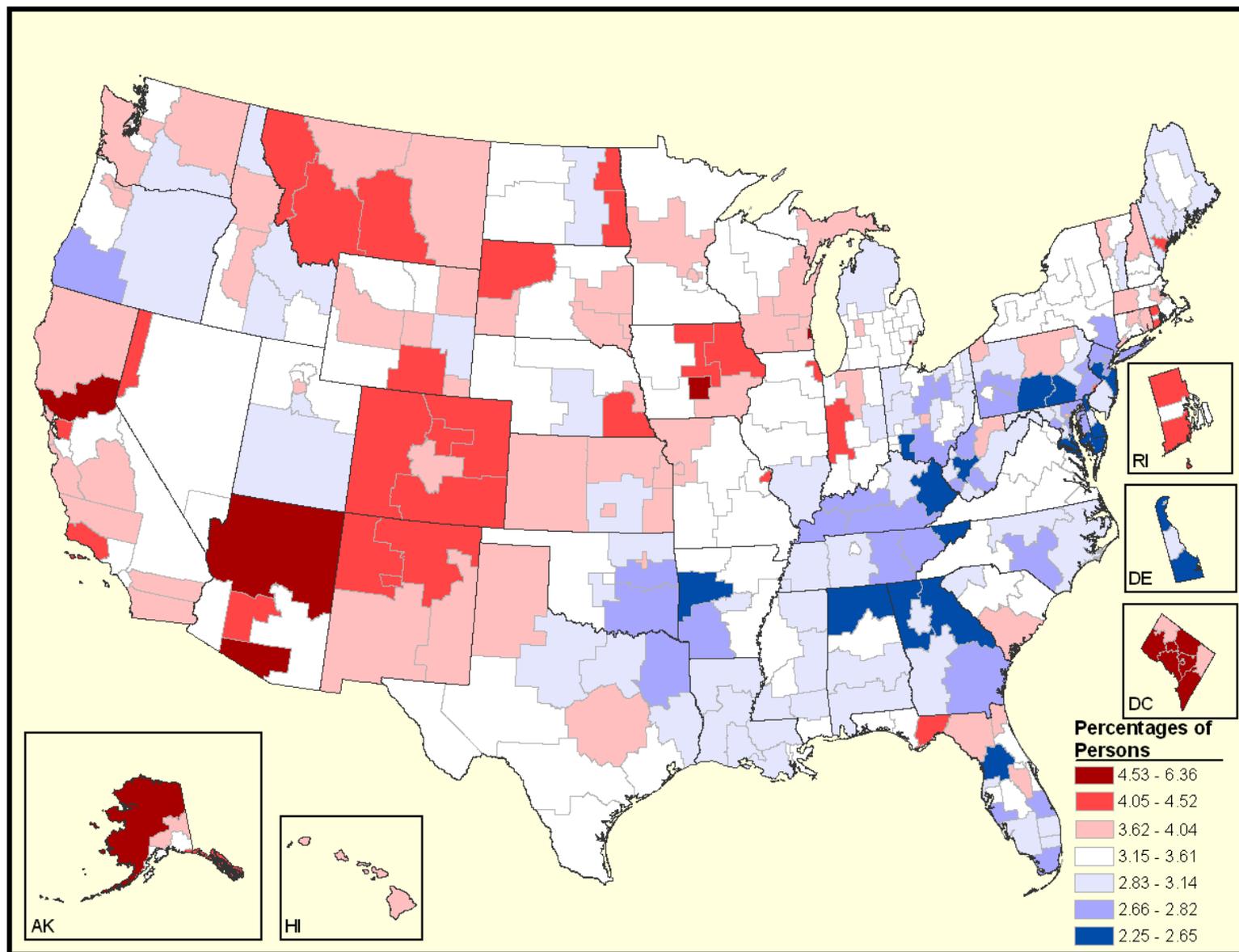


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C7.1 Alcohol Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-138

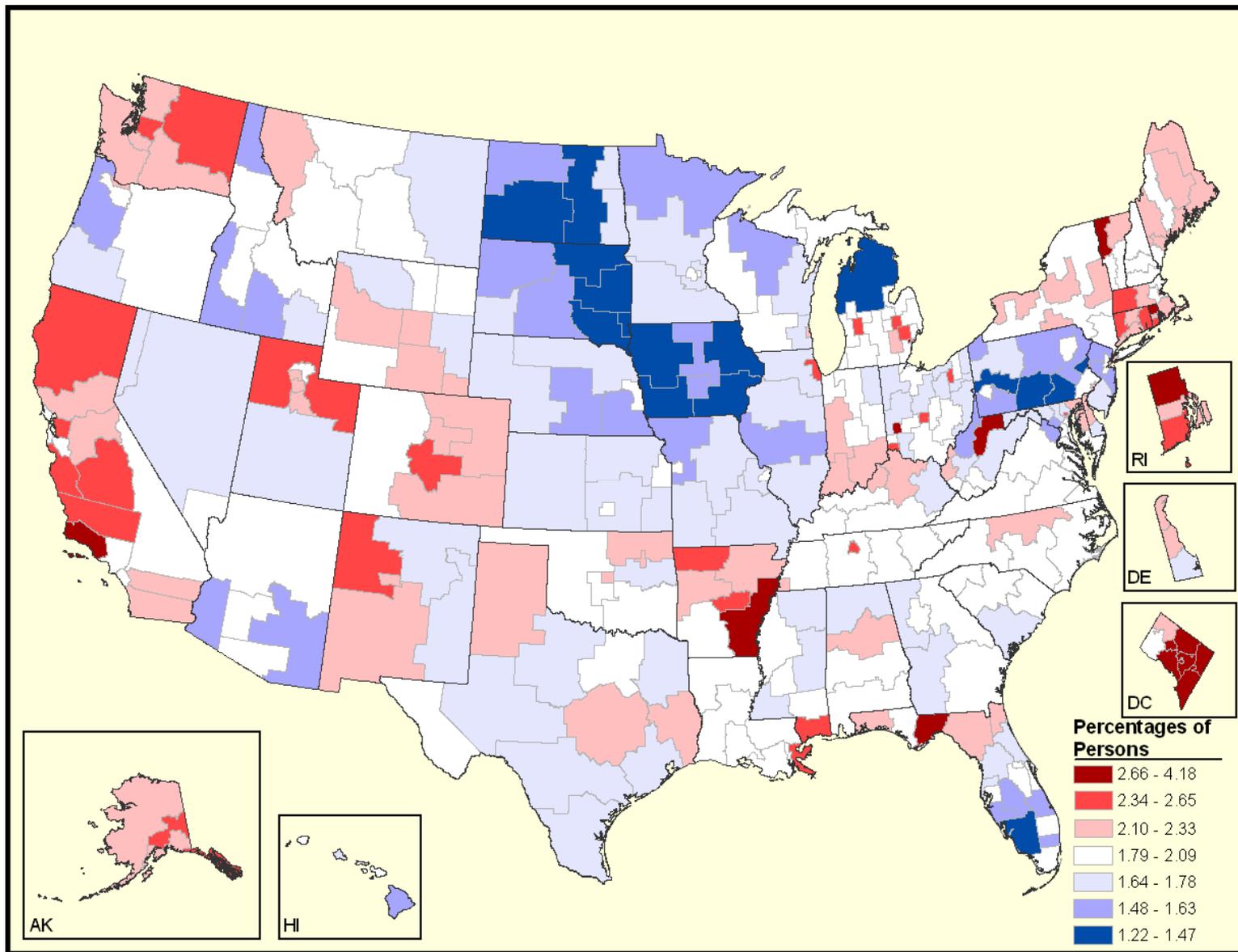


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C7.2 Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-139

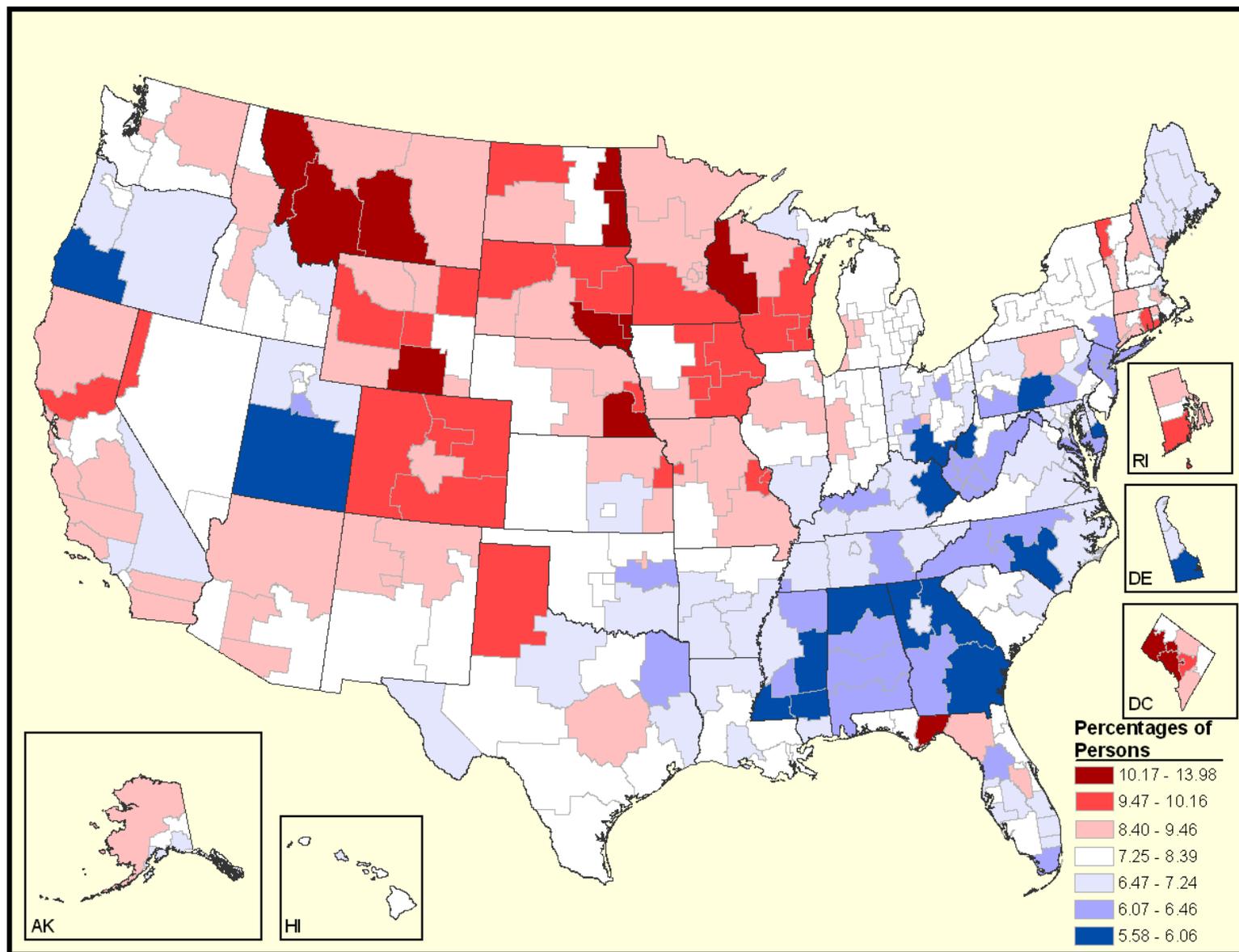


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C8.1 Alcohol Dependence or Abuse in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-140

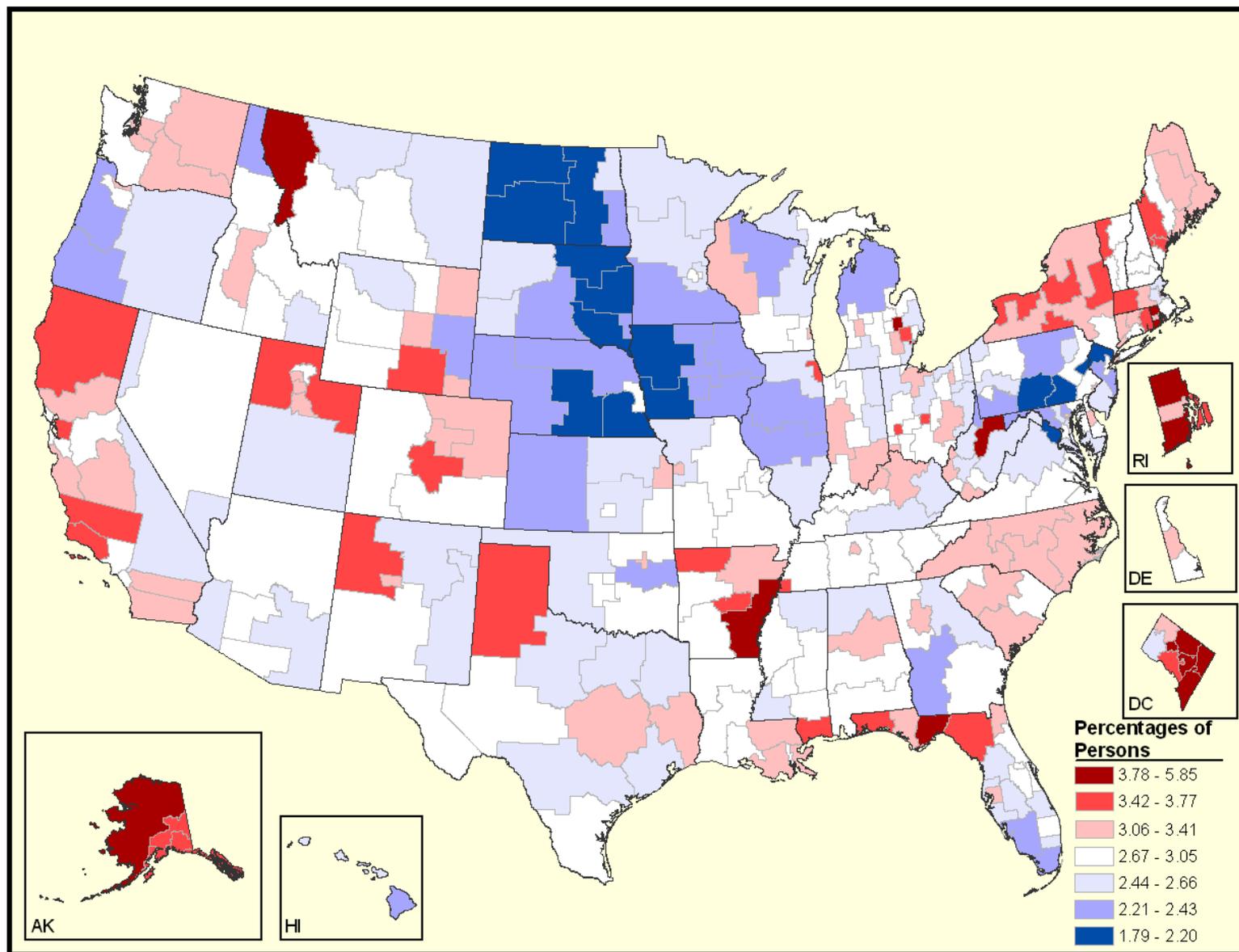


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C8.2 Illicit Drug Dependence or Abuse in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

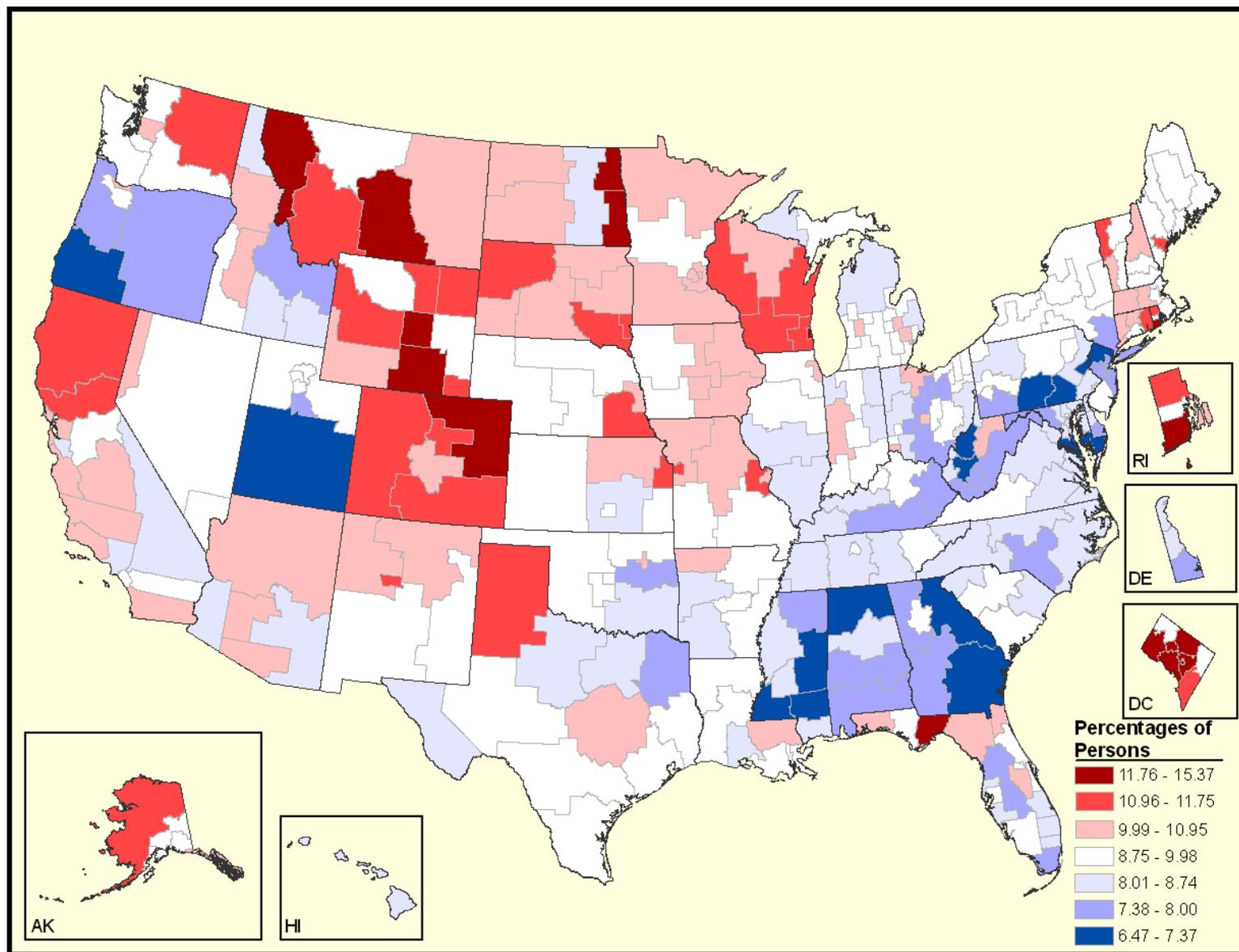
C-141



NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C8.3** *Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs*



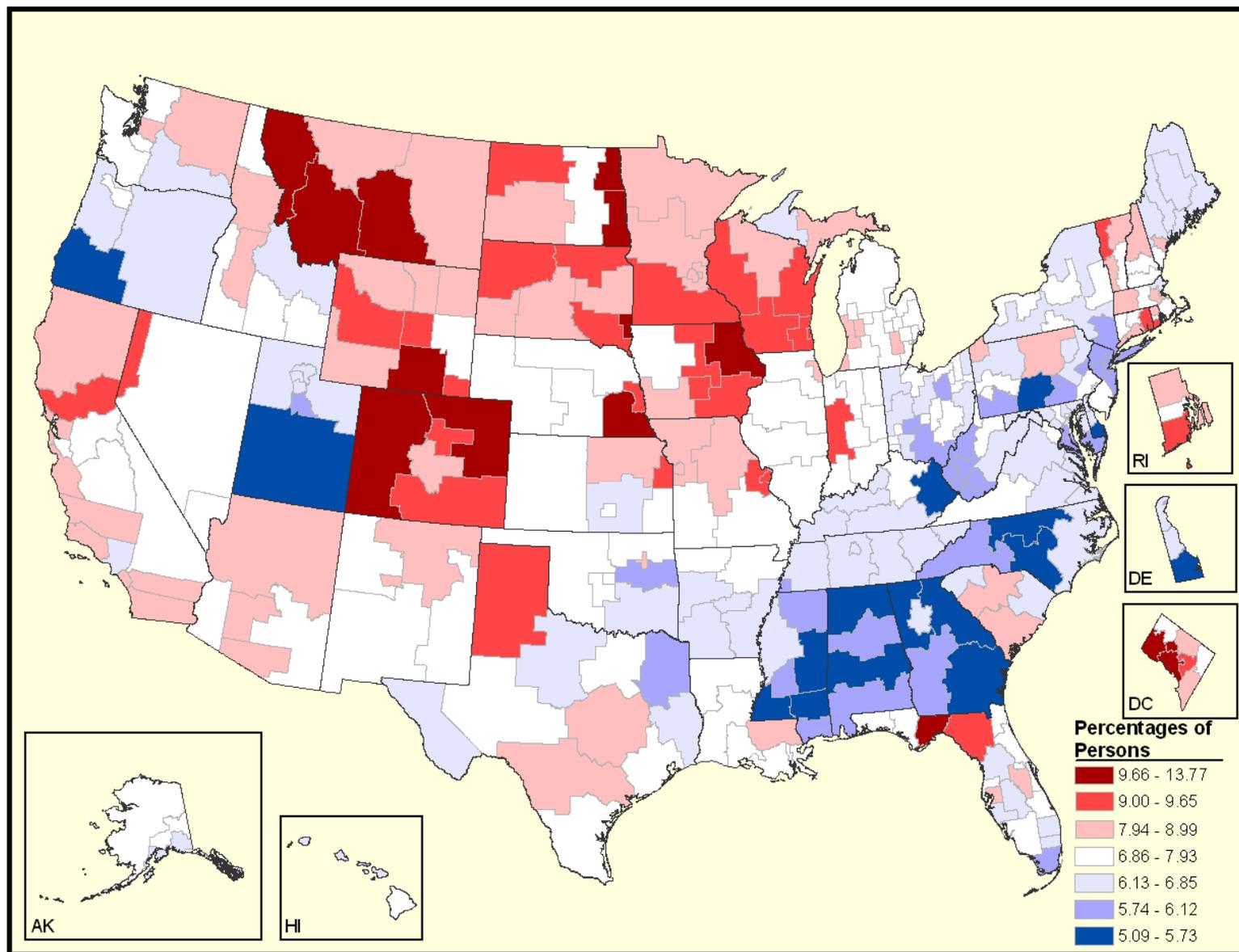
C-142

NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 NSDUHs

C-143

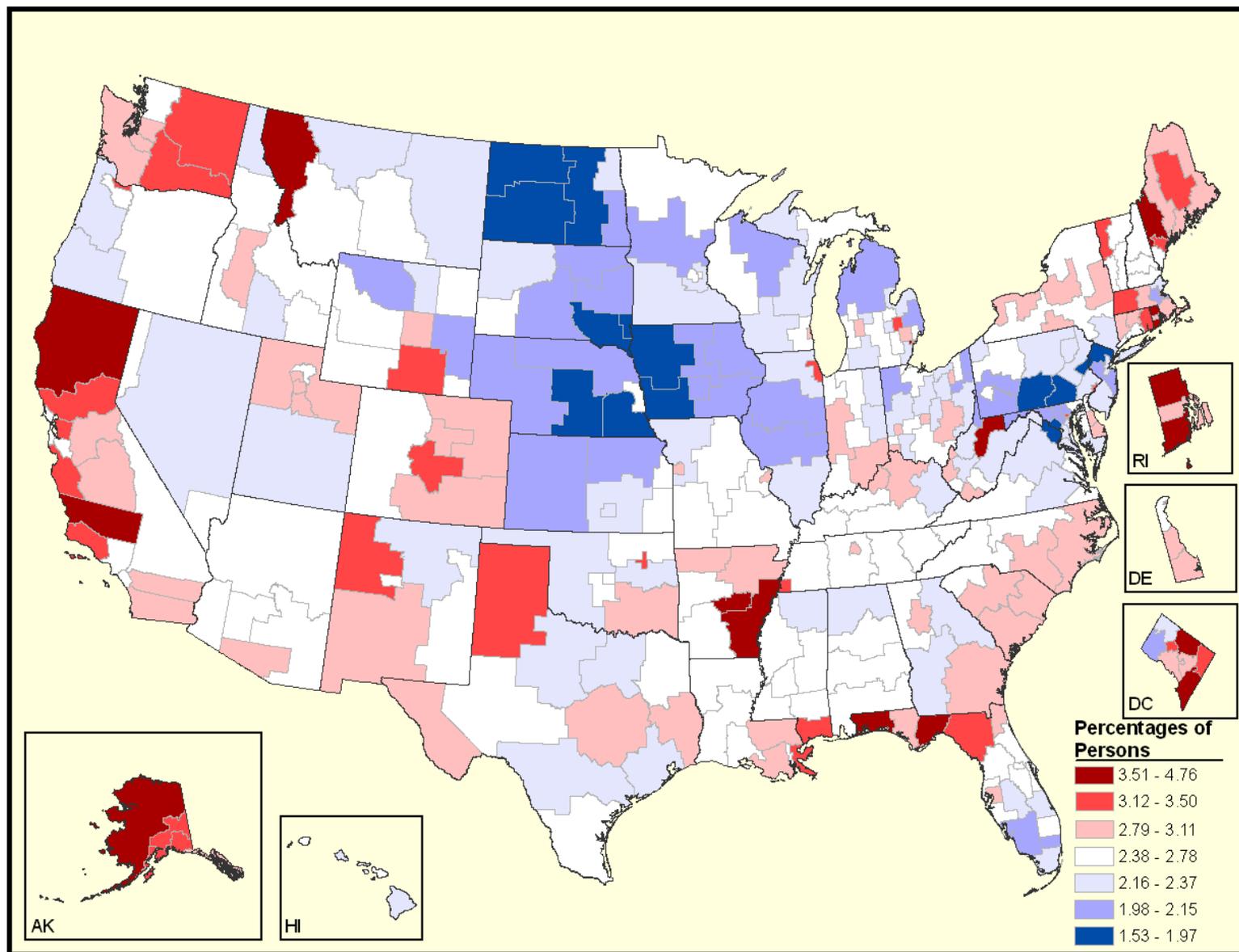


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 NSDUHs

C-144

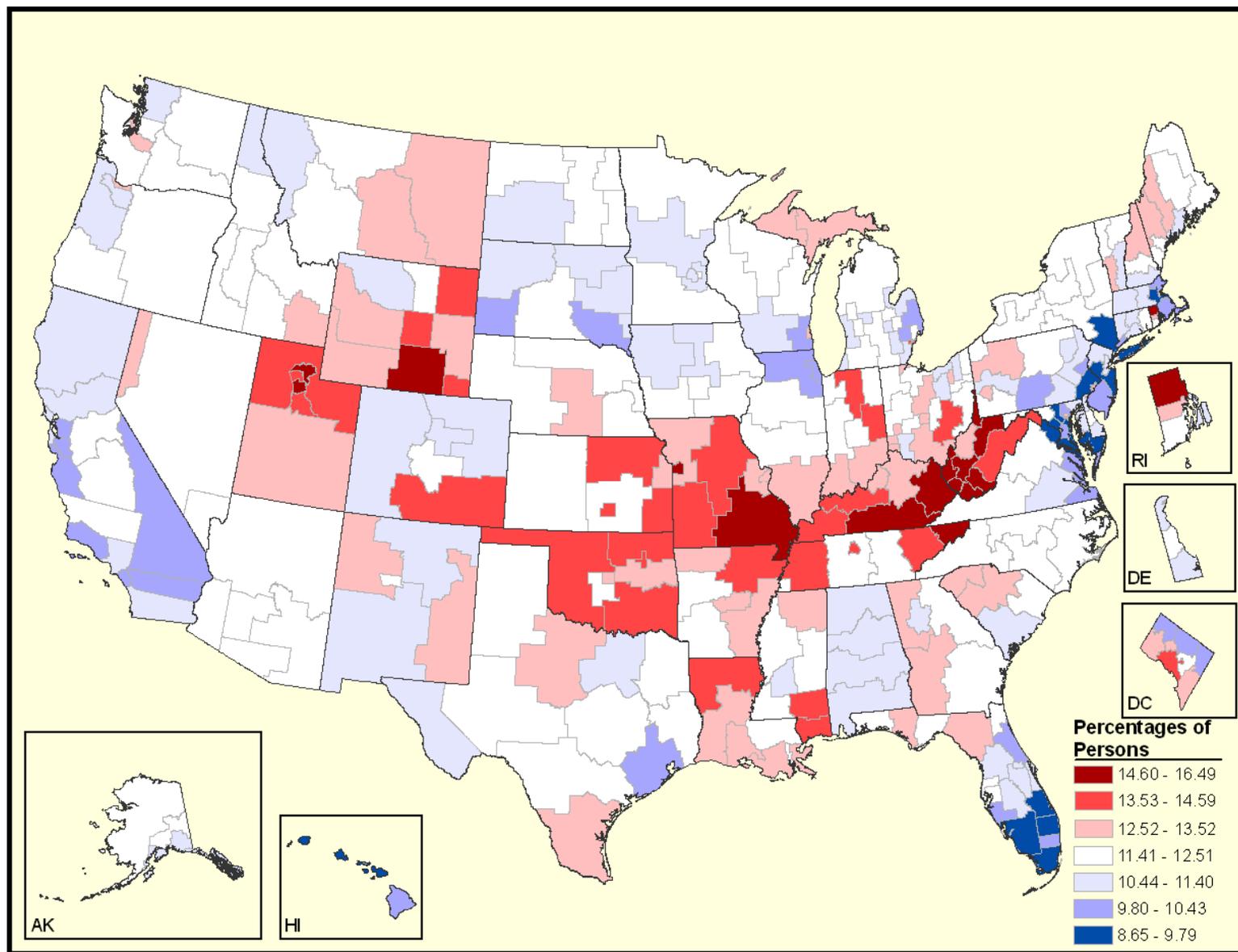


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C10.1** *Serious Psychological Distress in Past Year* among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

C-145

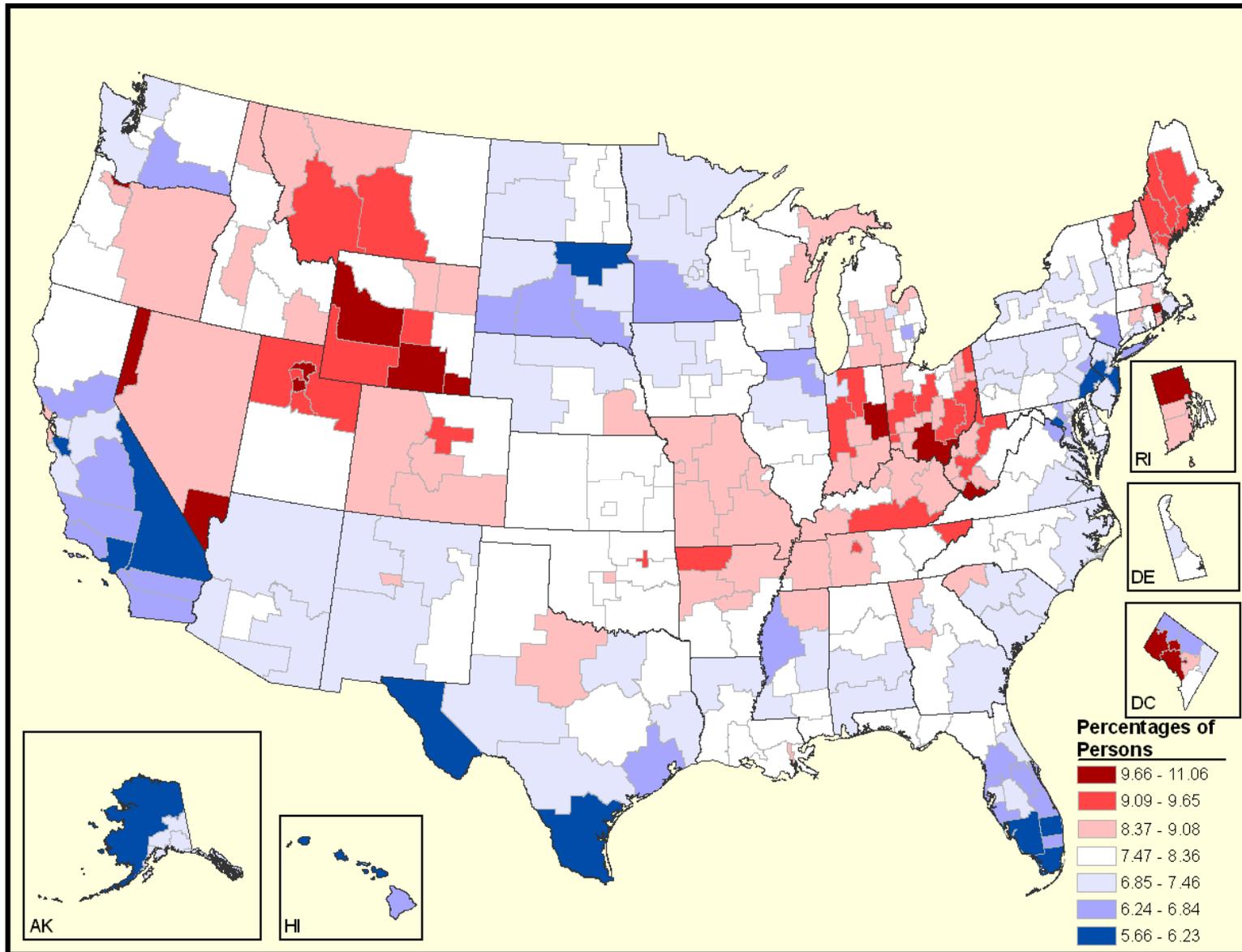


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

**Figure C10.2 *Having at Least One Major Depressive Episode in Past Year* among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

C-146

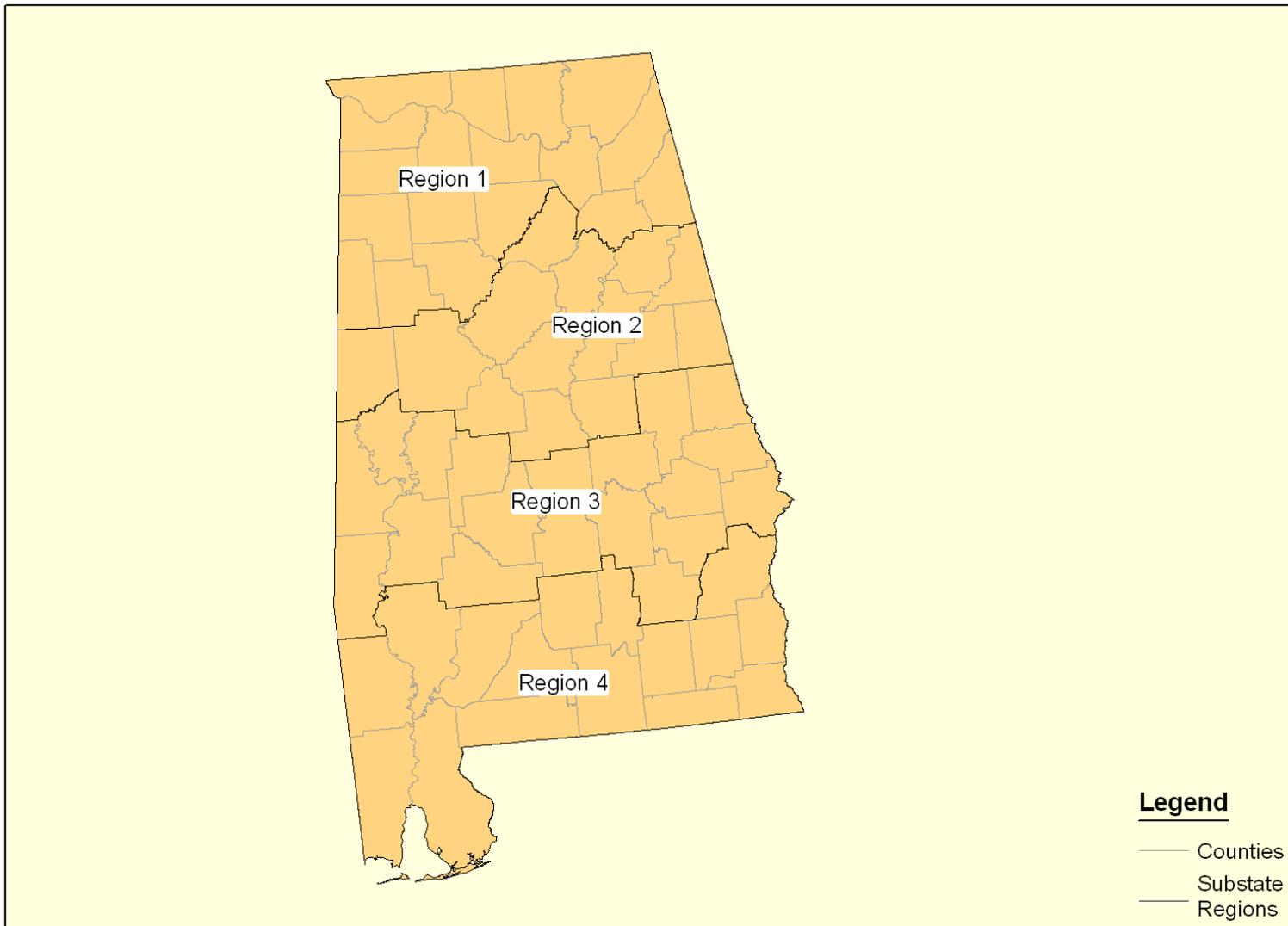


NOTE: For substate region definitions, see Section D.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

# **Section D: Substate Region Definitions**

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



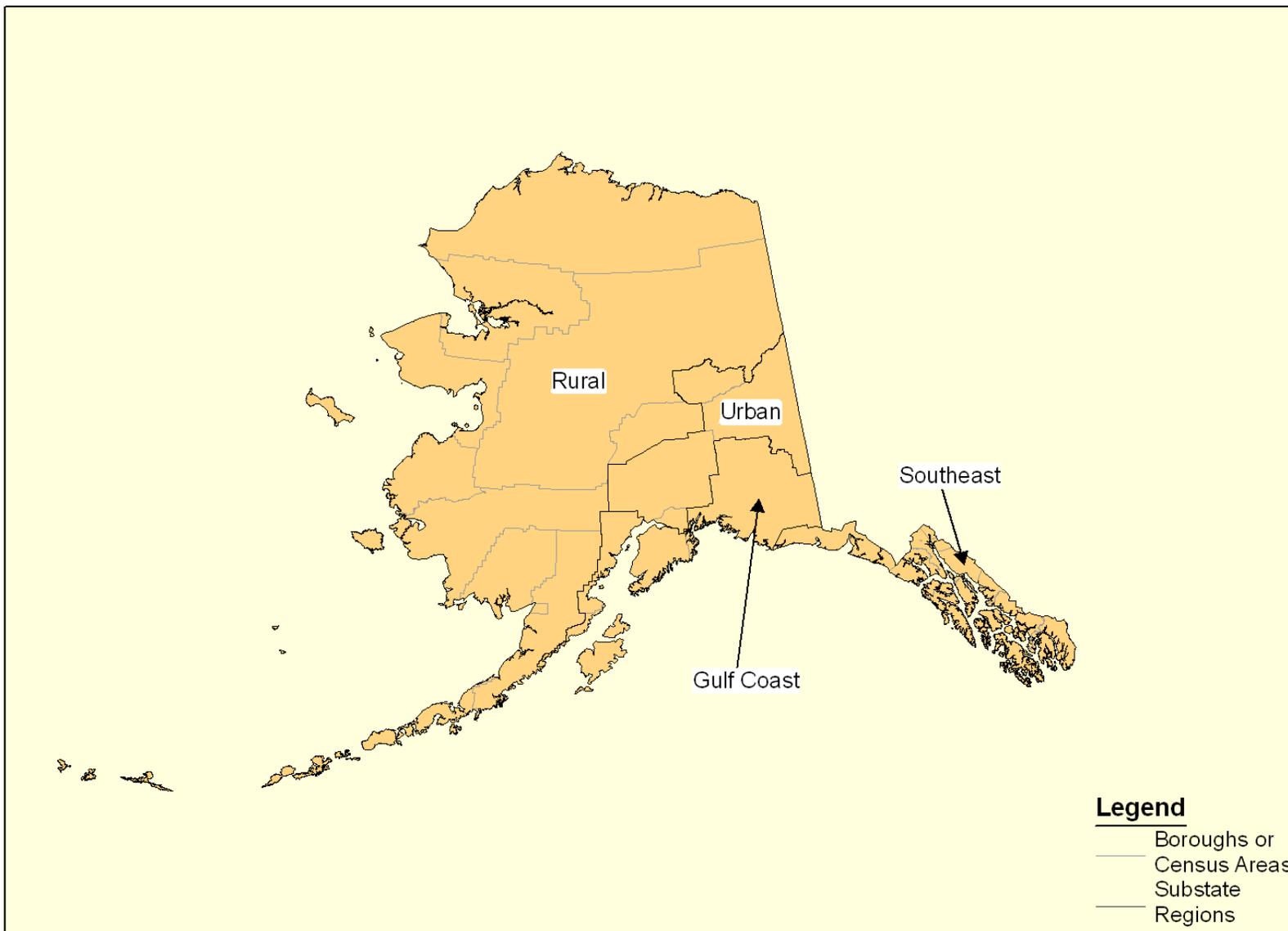
**Table D1. ALABAMA – Substate Regions (defined in terms of counties)**

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.			
<b>Region 1</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Region 4</b>
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	

Note: The substate regions defined for Alabama in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

D-4



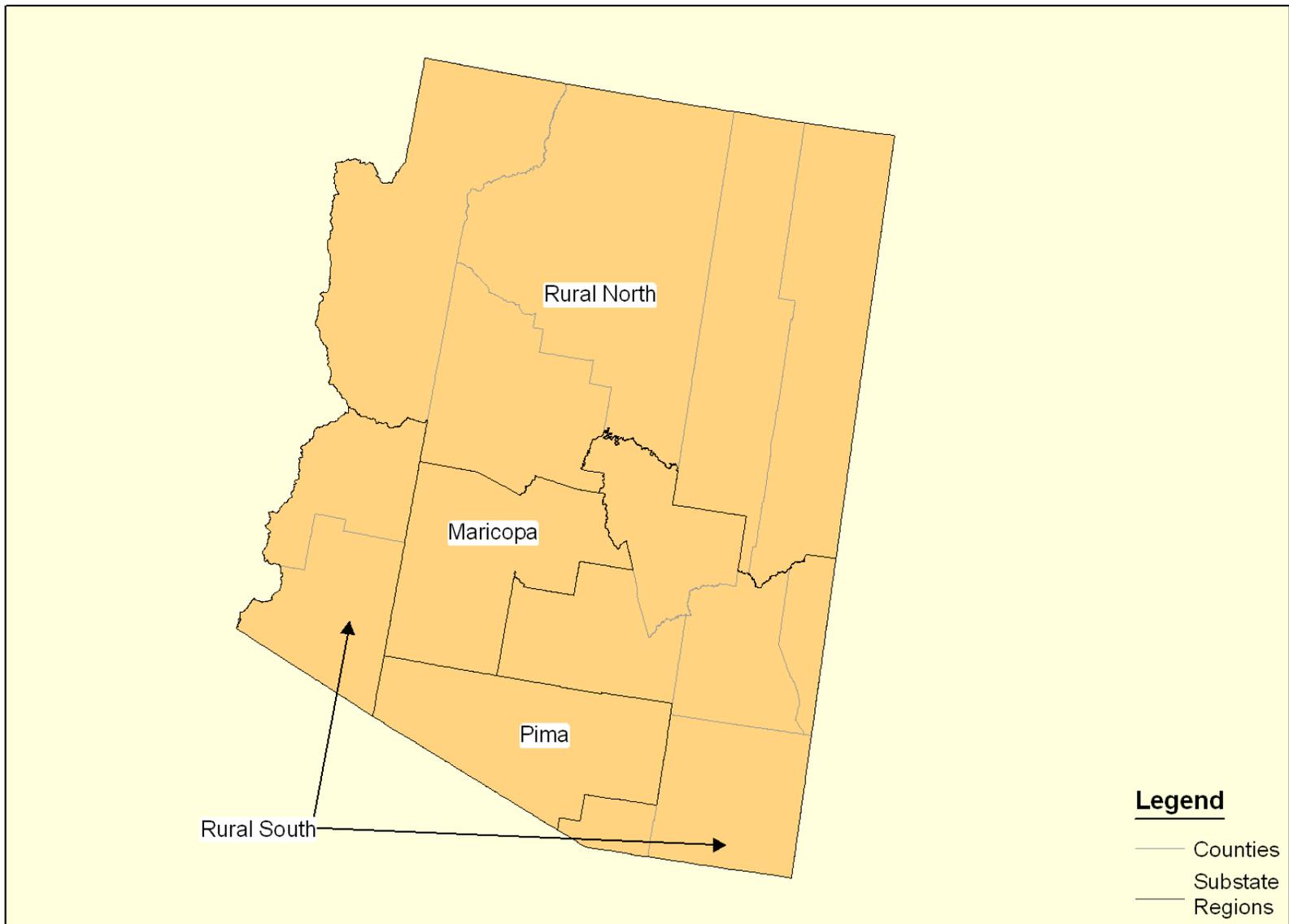
**Table D2. ALASKA – Substate Regions (defined in terms of boroughs or census areas)**

The substate regions for Alaska are 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.			
<b>Gulf Coast</b>	<b>Rural</b>	<b>Southeast</b>	<b>Urban</b>
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

Note: The substate regions defined for Alaska in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

D-6

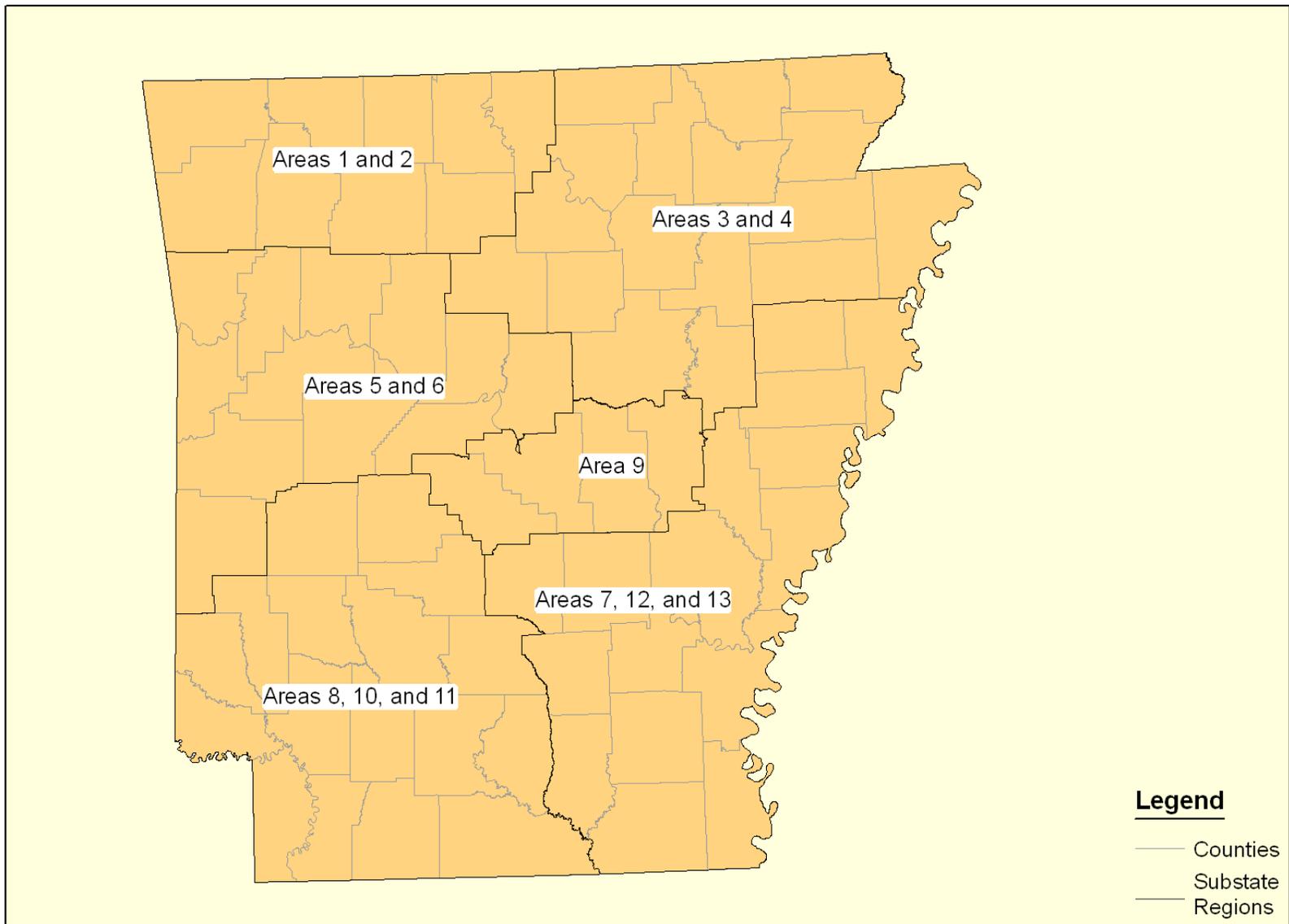


**Table D3. ARIZONA – Substate Regions (defined in terms of counties)**

<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>			
<b>Maricopa</b>	<b>Pima</b>	<b>Rural North</b>	<b>Rural South</b>
Maricopa	Pima	Apache Coconino Mohave Navajo Yavapai	Cochise Gila Graham Greenlee La Paz Pinal Santa Cruz Yuma

Note: The substate regions defined for Arizona in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



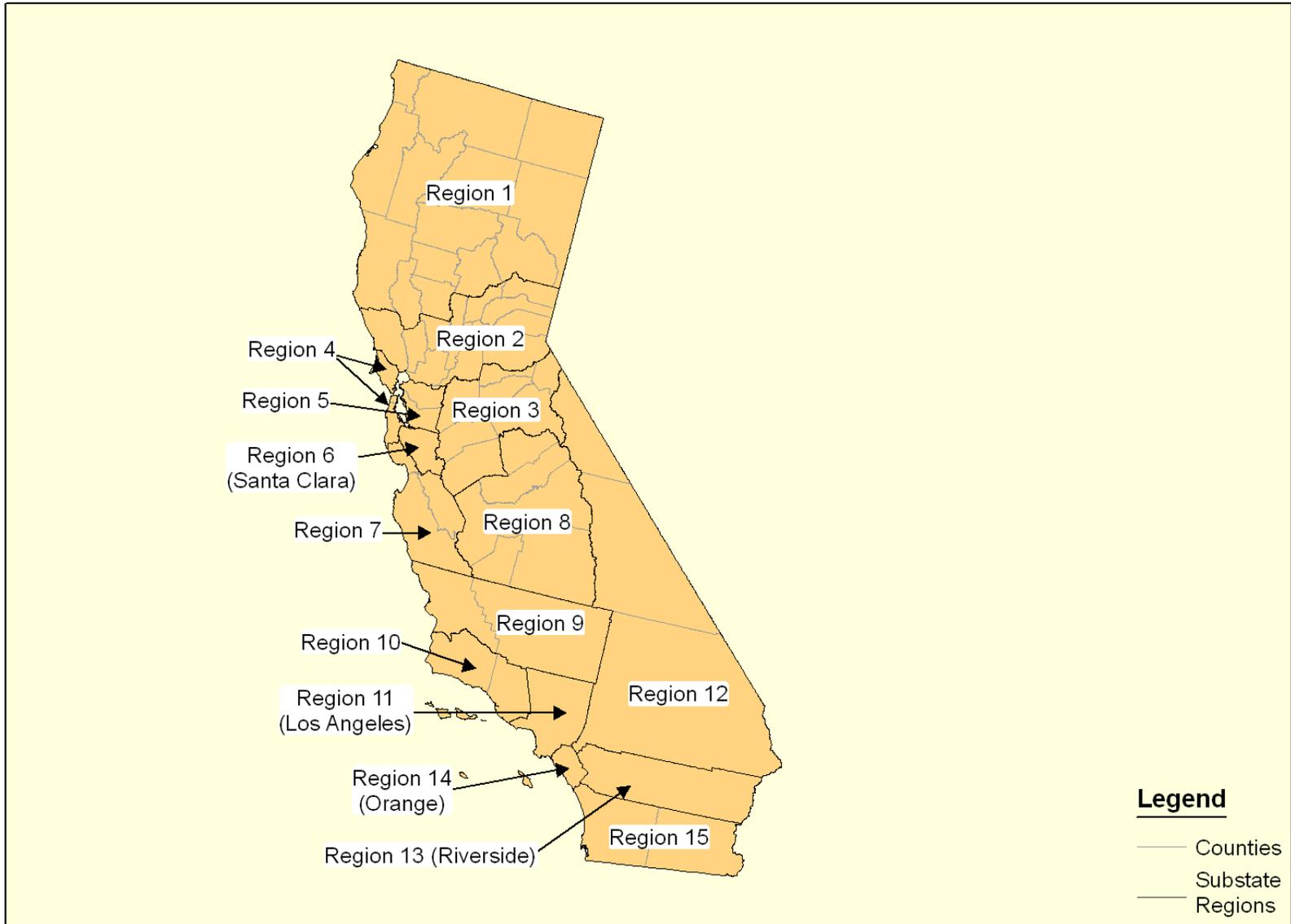
**Table D4. ARKANSAS – Substate Regions (defined in terms of counties)**

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

Note: The substate regions defined for Arkansas in this table are different from the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*. However, one region, Area 9, is defined consistently across the two sets of region definitions.

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

D-10

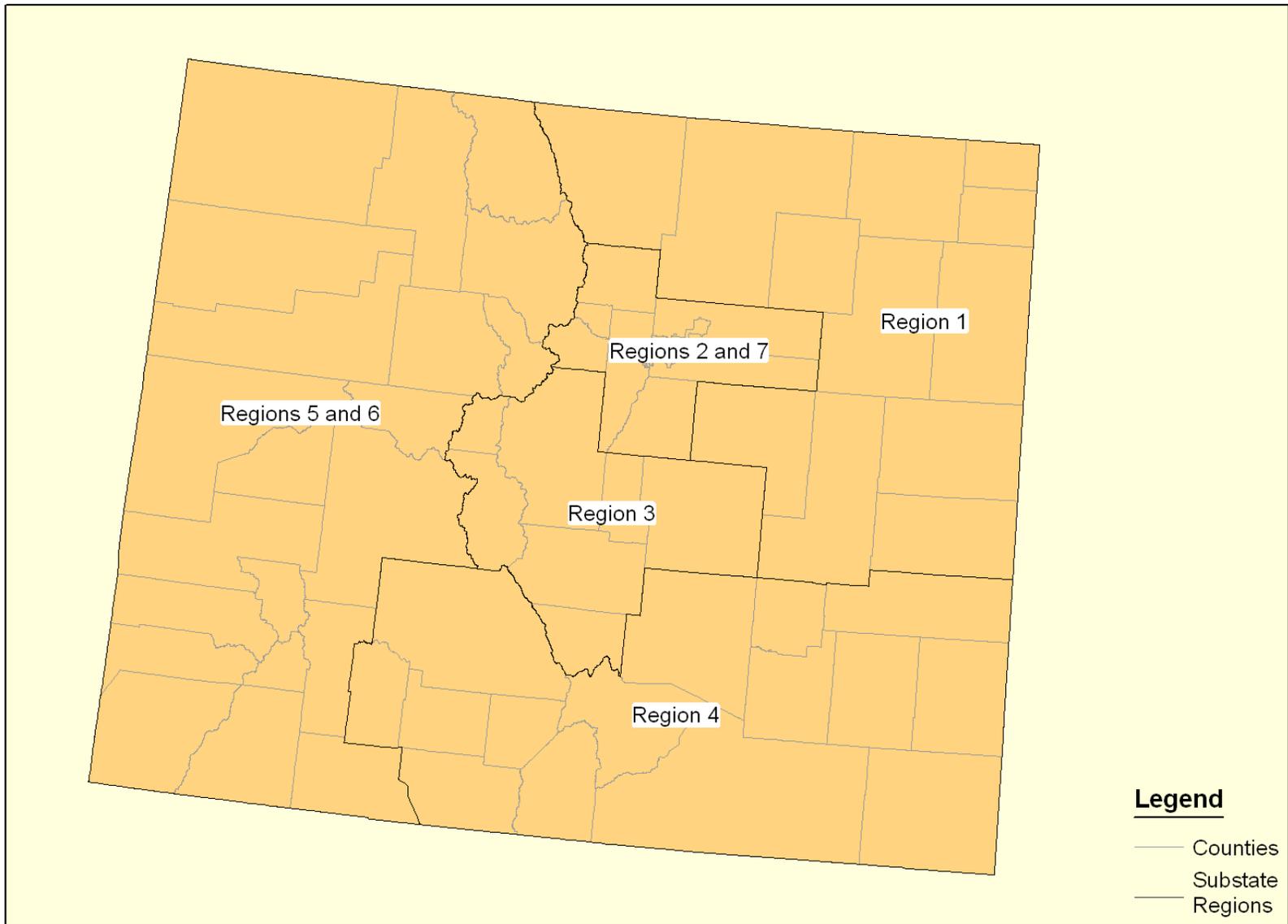


**Table D5. CALIFORNIA – Substate Regions (defined in terms of counties)**

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.							
<b>Region 1</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Region 4</b>	<b>Region 5</b>	<b>Region 6 (Santa Clara)</b>	<b>Region 7</b>	<b>Region 8</b>
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
<b>Region 9</b>	<b>Region 10</b>	<b>Region 11 (Los Angeles)</b>	<b>Region 12</b>	<b>Region 13 (Riverside)</b>	<b>Region 14 (Orange)</b>	<b>Region 15</b>	
Kern San Luis Obispo	Santa Barbara Ventura	Los Angeles	Inyo Mono San Bernardino	Riverside	Orange	Imperial San Diego	

Note: The substate regions defined for California in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



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

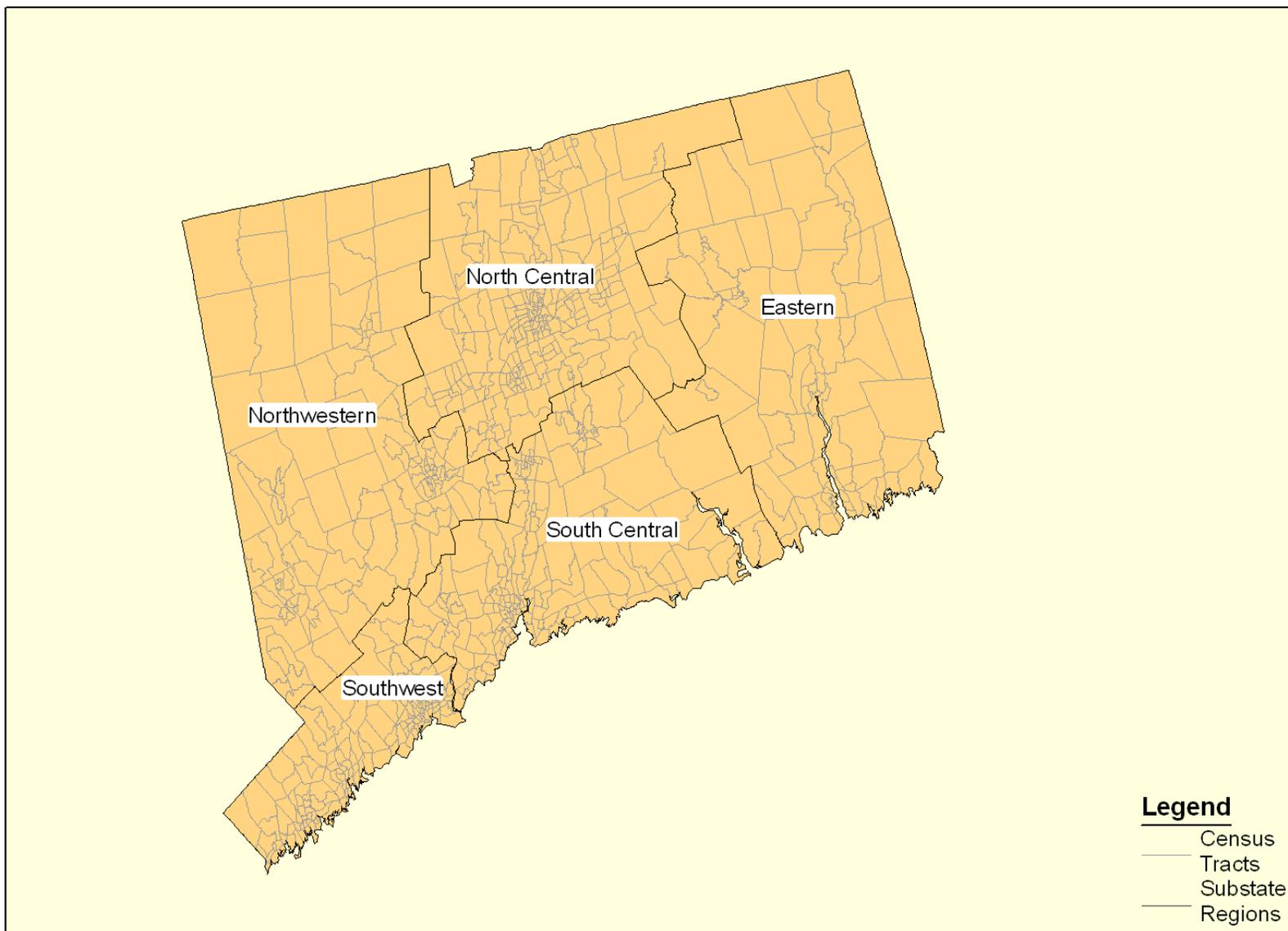
The substate regions defined here were provided by the State's Alcohol and Drug Abuse Division, Colorado Department of Human Services, and are defined in terms of the State's 63 counties as of 2000. Due to sample size constraints, certain planning areas were combined to form substate regions.

<b>Region 1</b>	<b>Regions 2 and 7</b>	<b>Region 3</b>	<b>Region 4</b>	<b>Regions 5 and 6</b>	
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		

Note: The substate regions defined for Colorado in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

Note: Broomfield County, Colorado, was created in 2001. However, the NSDUH sample is based on the counties from the 2000 decennial census when the land area defined by Broomfield County was located in four counties (Adams, Boulder, Jefferson, and Weld); therefore, Broomfield County is not included in this list of substate regions.

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

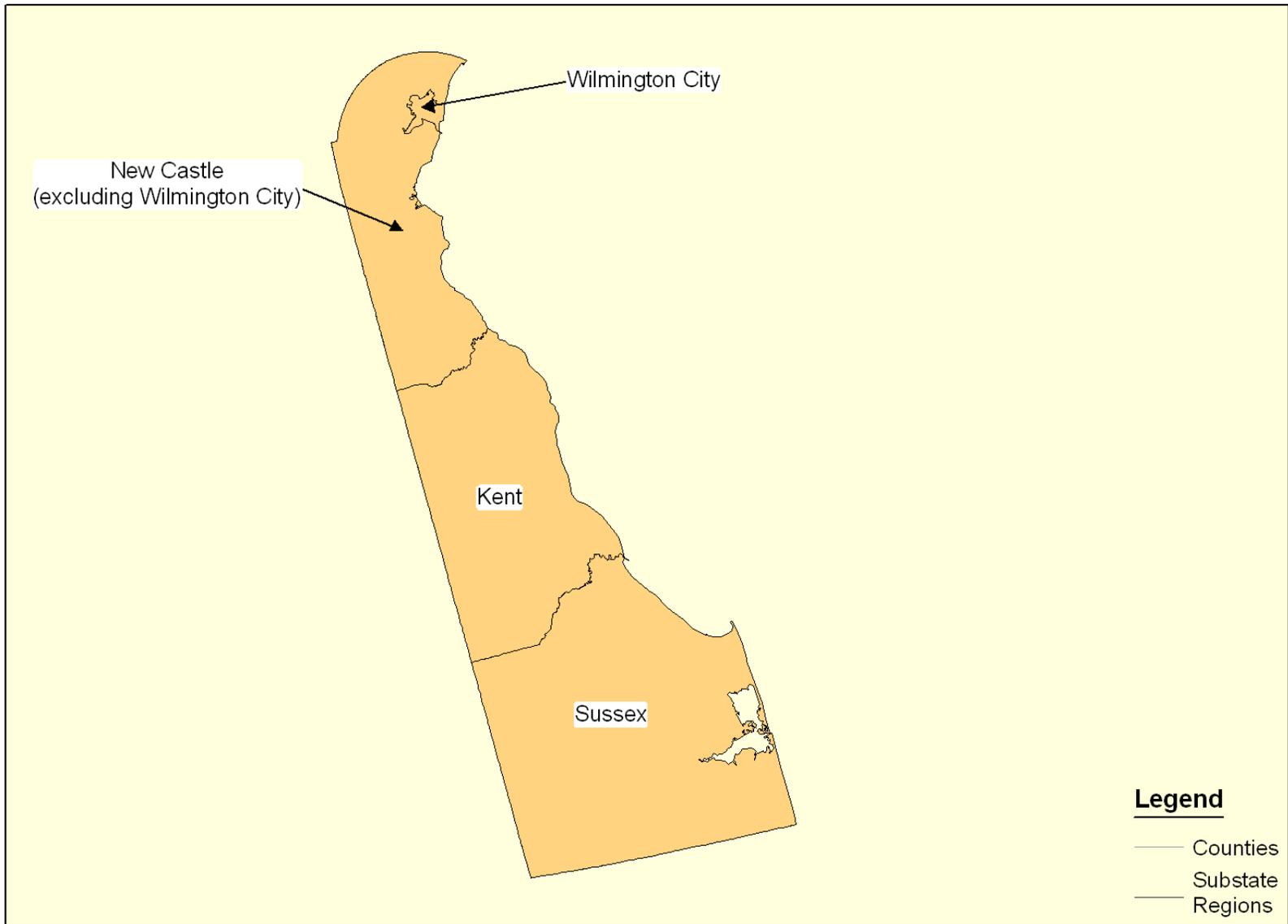


**Table D7. CONNECTICUT – Substate Regions (defined in terms of census tracts, specified by a 6-digit tract identifier)**

<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>	
<b>Eastern</b>	Tracts 690100 – 870100 in New London County; Tracts 840100 – 881500 in Tolland County; Tracts 800300 – 908100 in Windham County
<b>North Central</b>	Tracts 400100 – 524100 in Hartford County; Tracts 425300 – 425500 in Litchfield County; Tracts 526100 – 538202, 890100, and 890200 in Tolland County
<b>Northwestern</b>	Tracts 200100 – 257100 in Fairfield County; Tract 330100 in Hartford County; Tracts 250100 – 362102 in Litchfield County; Tracts 341100 – 361300 in New Haven County
<b>South Central</b>	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
<b>Southwest</b>	Tracts 010101 – 105200 in Fairfield County

Note: The substate regions defined for Connecticut in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

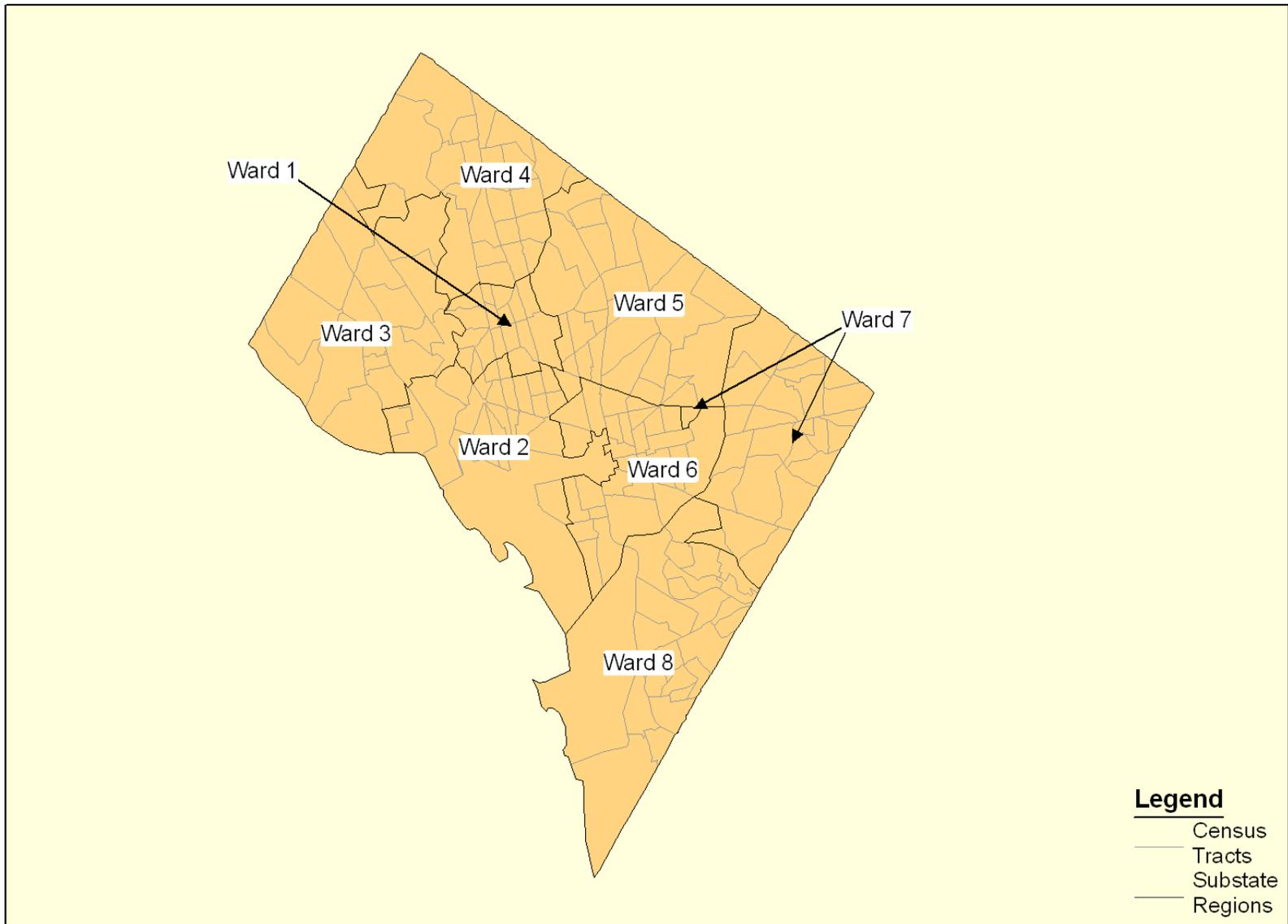


**Table D8. DELAWARE – Substate Regions (defined in terms of counties)**

<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>			
<b>Kent</b>	<b>New Castle (excluding Wilmington City)</b>	<b>Sussex</b>	<b>Wilmington City</b>
Kent	New Castle (excluding Wilmington City)	Sussex	Part of New Castle County (specified by tracts 000100 – 002700 and 012900)

Note: The substate regions defined for Delaware in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

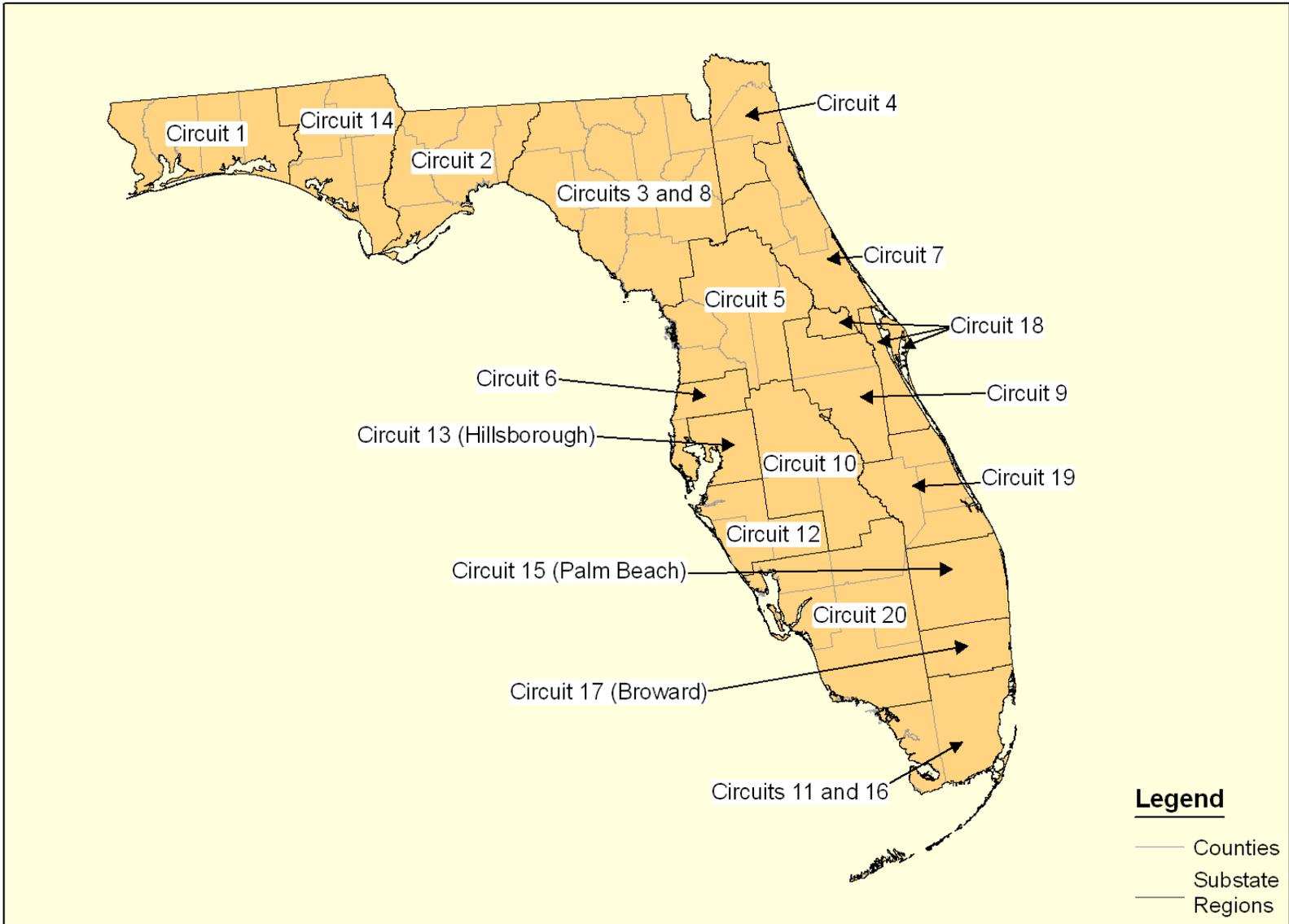


**Table D9. DISTRICT OF COLUMBIA – Substate Regions (defined in terms of census tracts, specified by a 6-digit tract identifier)**

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.	
<b>Ward 1</b>	Tracts 002701 – 003200, 003400 – 004002, and 004400
<b>Ward 2</b>	Tracts 000100 – 000202, 004100 – 004300, 004801 – 005800, 006201, and 006202
<b>Ward 3</b>	Tracts 000300 – 001401
<b>Ward 4</b>	Tracts 001402 – 002301, 002400 – 002600, 009505, and 009507
<b>Ward 5</b>	Tracts 002302, 003301, 003302, 004600, 008701 – 009504, 009508, and 009509
<b>Ward 6</b>	Tracts 004700, 005900 – 006100, 006301 – 007200, 007901, and 008001 – 008600
<b>Ward 7</b>	Tracts 007603 – 007809, 007903, 009601 – 009604, and 009901 – 009907
<b>Ward 8</b>	Tracts 007301 – 007601 and 009700 – 009809

Note: The substate regions defined for the District of Columbia in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



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

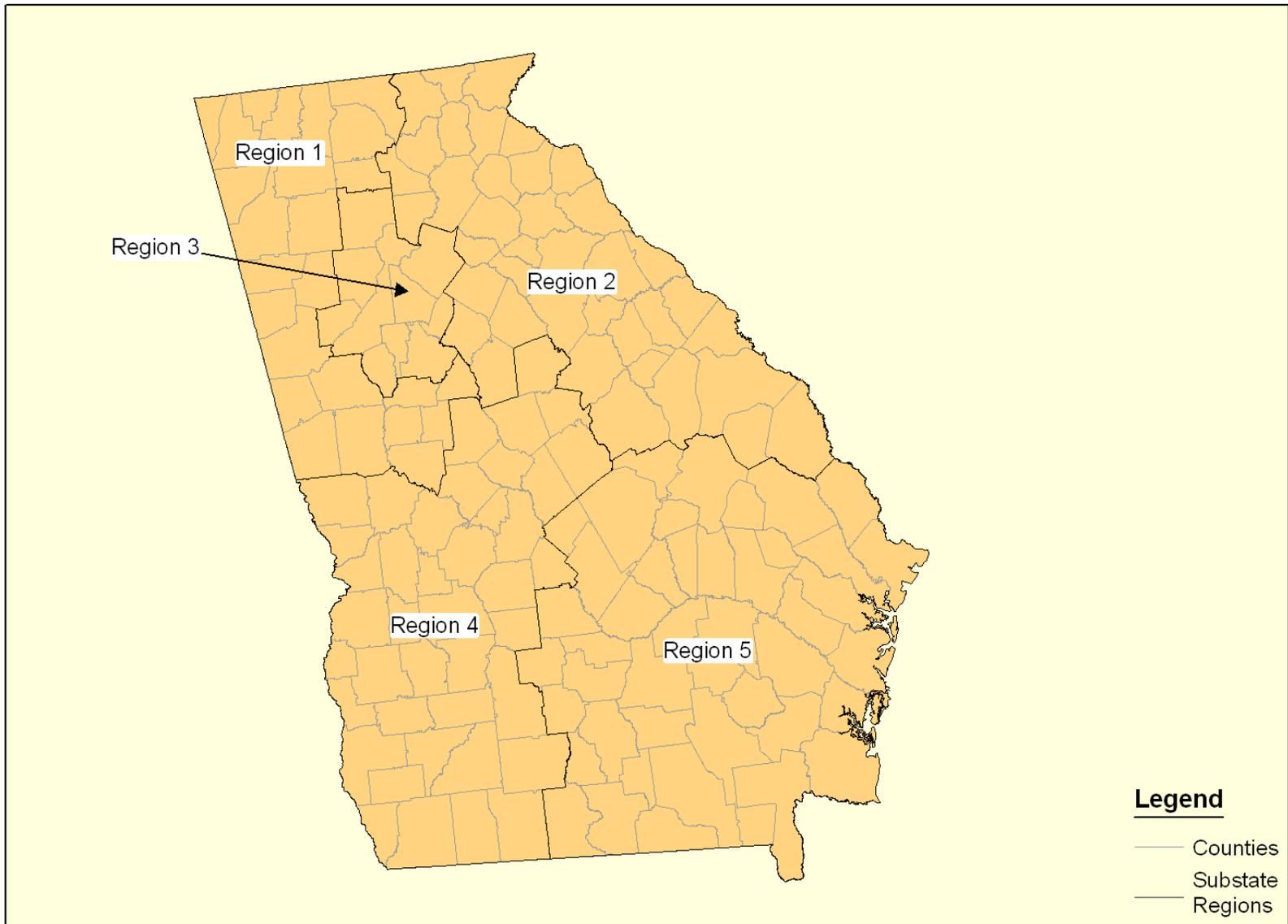
The substate regions defined here were provided by the State's Substance Abuse Program Office, Florida Department of Children and Families, and are defined in terms of the State's 67 counties. As per the State's request, estimates for 18 circuits along with 5 aggregate regions and maps showing all 18 circuits are being produced.						
<b>Region A</b>			<b>Region B</b>			
<b>Circuit 1</b>	<b>Circuit 2</b>	<b>Circuit 14</b>	<b>Circuits 3 and 8</b>		<b>Circuit 4</b>	<b>Circuit 7</b>
Escambia Okaloosa Santa Rosa Walton	Franklin Gadsden Jefferson Leon Liberty Wakulla	Bay Calhoun Gulf Holmes Jackson Washington	<u>Circuit 3</u> Columbia Dixie Hamilton Lafayette Madison Suwannee Taylor	<u>Circuit 8</u> Alachua Baker Bradford Gilchrist Levy Union	Clay Duval Nassau	Flagler Putnam St. Johns Volusia
<b>Region C</b>						
<b>Circuit 5</b>		<b>Circuit 9</b>	<b>Circuit 10</b>	<b>Circuit 18</b>	<b>Circuit 19</b>	
Citrus Hernando Lake Marion Sumter		Orange Osceola	Hardee Highlands Polk	Brevard Seminole	Indian River Martin Okeechobee St. Lucie	
<b>Region D</b>			<b>Region E</b>			
<b>Circuits 11 and 16</b>	<b>Circuit 15</b>	<b>Circuit 17</b>	<b>Circuit 6</b>	<b>Circuit 12</b>	<b>Circuit 13</b>	<b>Circuit 20</b>
<u>Circuit 11</u> Miami-Dade  <u>Circuit 16</u> Monroe	Palm Beach	Broward	Pasco Pinellas	De Soto Manatee Sarasota	Hillsborough	Charlotte Collier Glades Hendry Lee

Note: The substate regions defined for Florida in this table are different from the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*. However, eight regions correspond with each other across the two sets of region definitions. Table D10a shows the sets of regions that are defined consistently across the two sets of region definitions.

**Table D10a. FLORIDA – 2002-2004 Substate Regions That Correspond with the 2004-2006 Substate Regions**

<b>2002-2004 Substate Region</b>	<b>2004-2006 Substate Region</b>
District 1	Circuit 1
District 13	Circuit 5
District 14	Circuit 10
District 15	Circuit 19
District 11	Circuits 11 and 16
District 9 (Palm Beach)	Circuit 15 (Palm Beach)
District 10 (Broward)	Circuit 17 (Broward)
District 8	Circuit 20

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

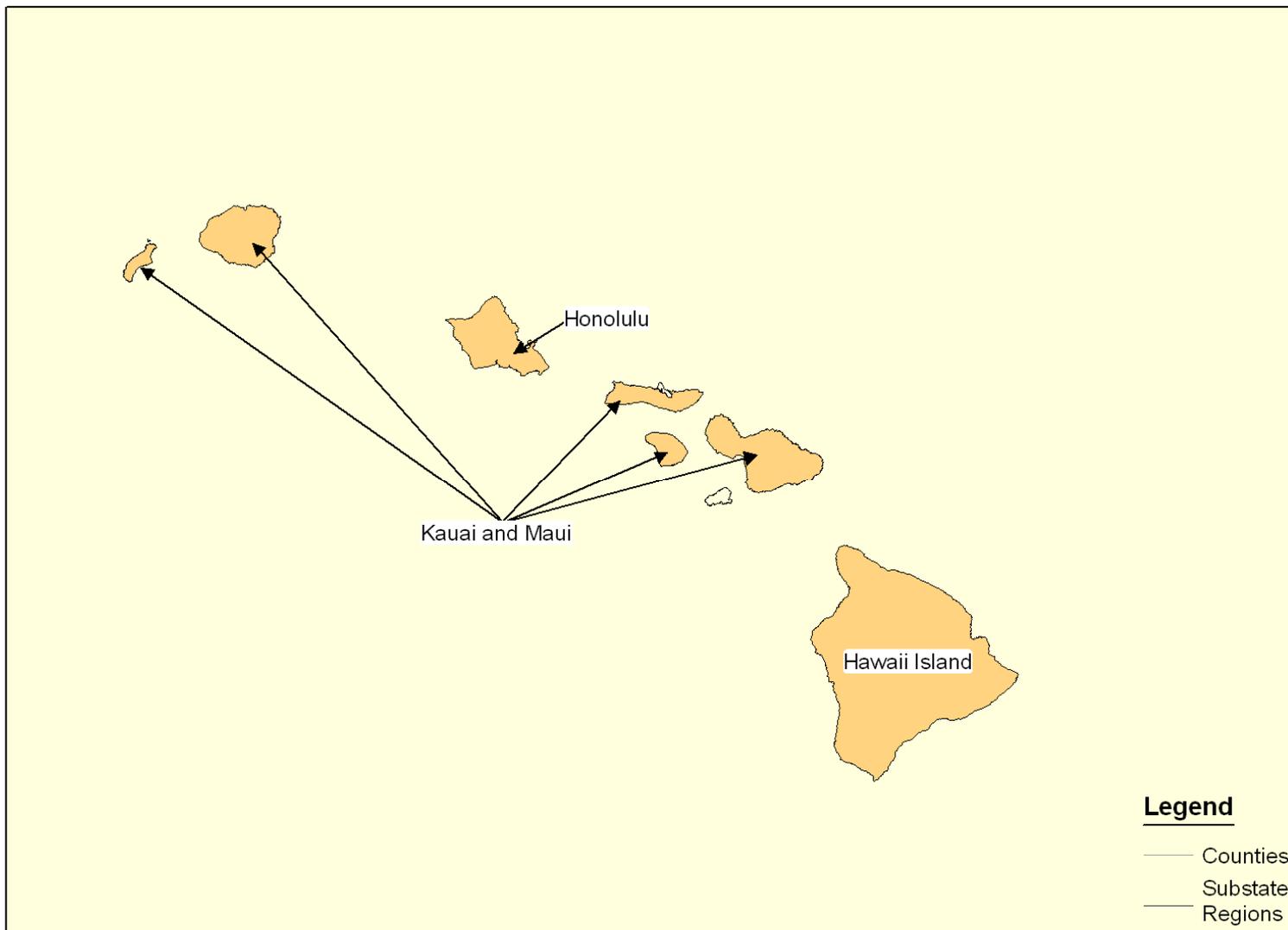


**Table D11. GEORGIA – Substate Regions (defined in terms of counties)**

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	

Note: The substate regions defined for Georgia in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



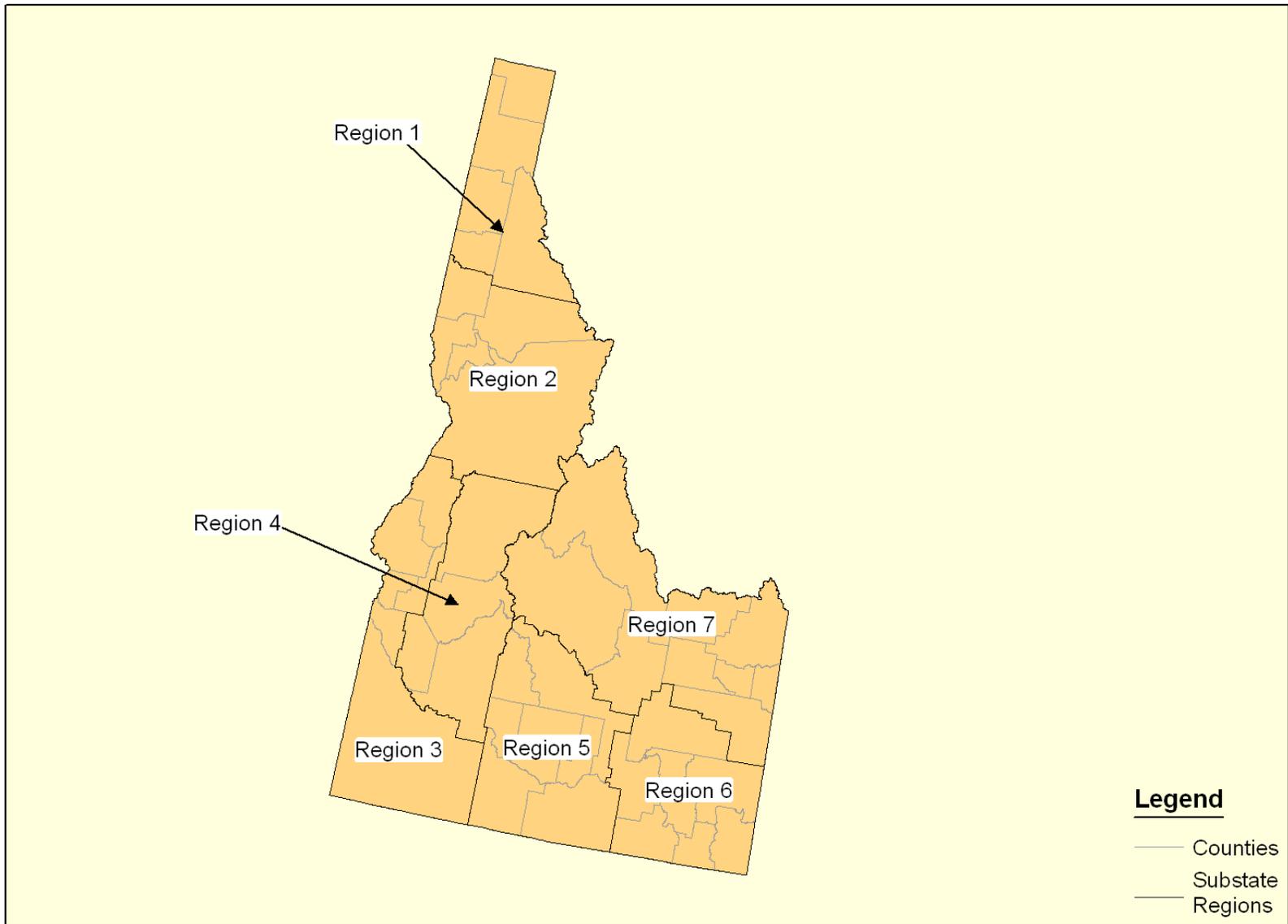
**Table D12. HAWAII – Substate Regions (defined in terms of counties)**

The substate regions for Hawaii were defined in consultation with the State's Alcohol and Drug Abuse Division, Hawaii Department of Health. As per the State's request, estimates for four substate regions, corresponding to four counties in the State, along with one aggregate planning area (Kauai and Maui) and maps showing three regions (Hawaii Island, Honolulu, and Kauai and Maui) are being produced. Estimates will not be reported for Kauai County because of low precision as a result of the sample size being too small; hence, estimates will only be reported for the three remaining counties and the aggregate region containing Kauai and Maui Counties.

<b>Hawaii Island</b>	<b>Honolulu</b>	<b>Kauai and Maui</b>	
		<b>Kauai</b>	<b>Maui</b>
Hawaii	Honolulu	Kauai	Maui

Note: The substate regions defined for Hawaii in this table are different from the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*. Kauai and Maui are listed as separate regions in this table. However, two regions, Hawaii Island and Honolulu, remained consistent across the two sets of region definitions.

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

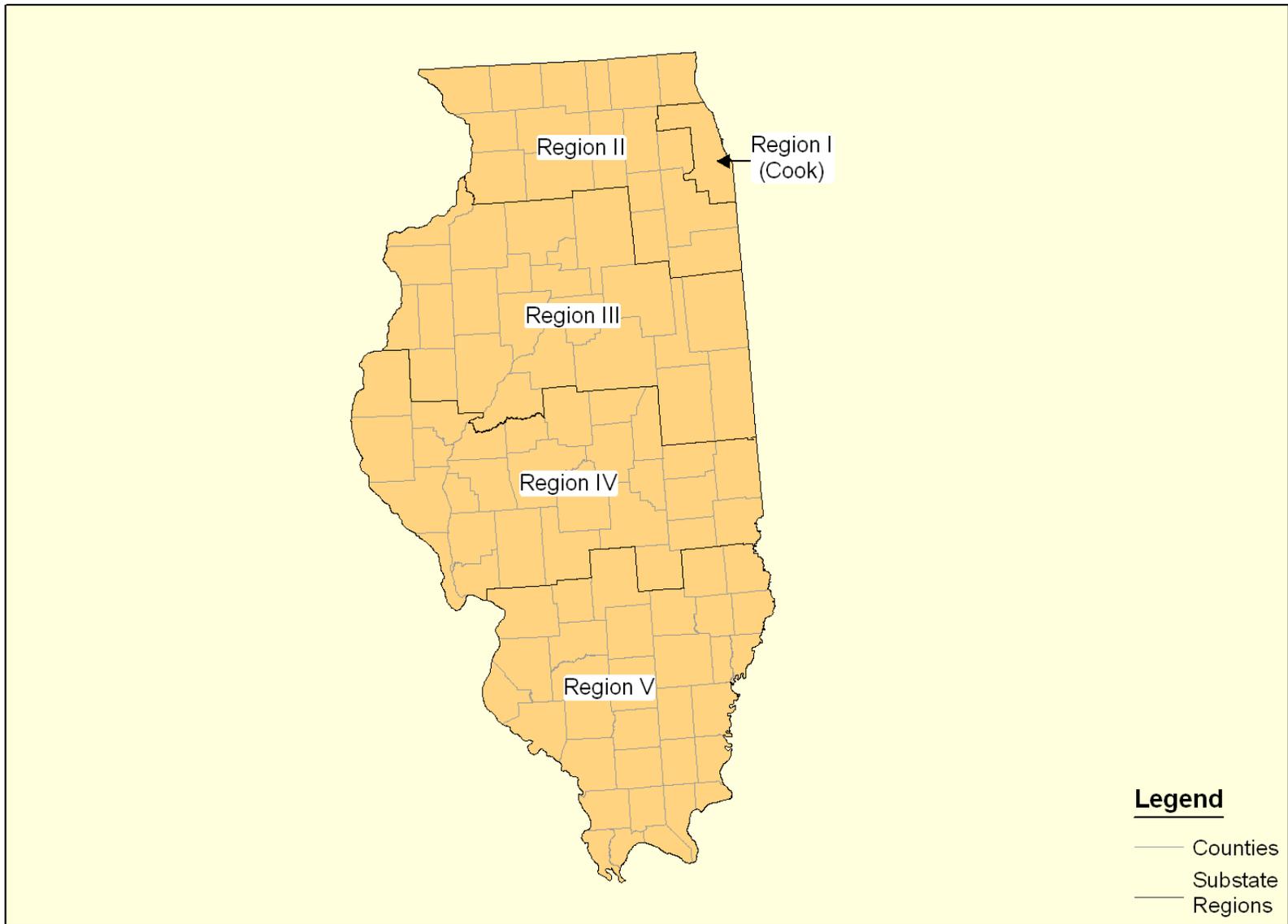


**Table D13. IDAHO – Substate Regions (defined in terms of counties)**

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.						
<b>Region 1</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Region 4</b>	<b>Region 5</b>	<b>Region 6</b>	<b>Region 7</b>
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

Note: The substate regions defined for Idaho in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

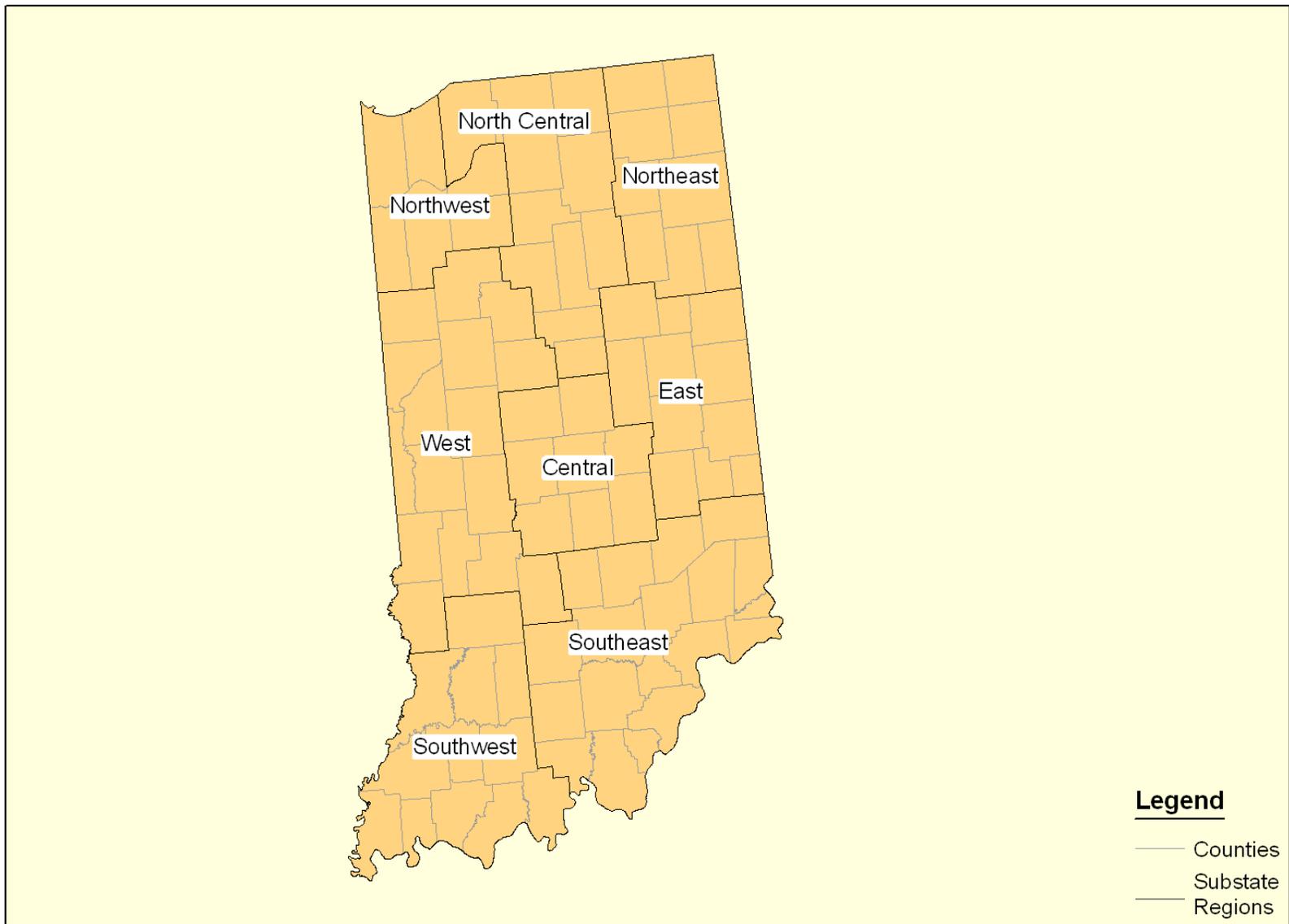


**Table D14. ILLINOIS – Substate Regions (defined in terms of counties)**

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

Note: The substate regions defined for Illinois in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

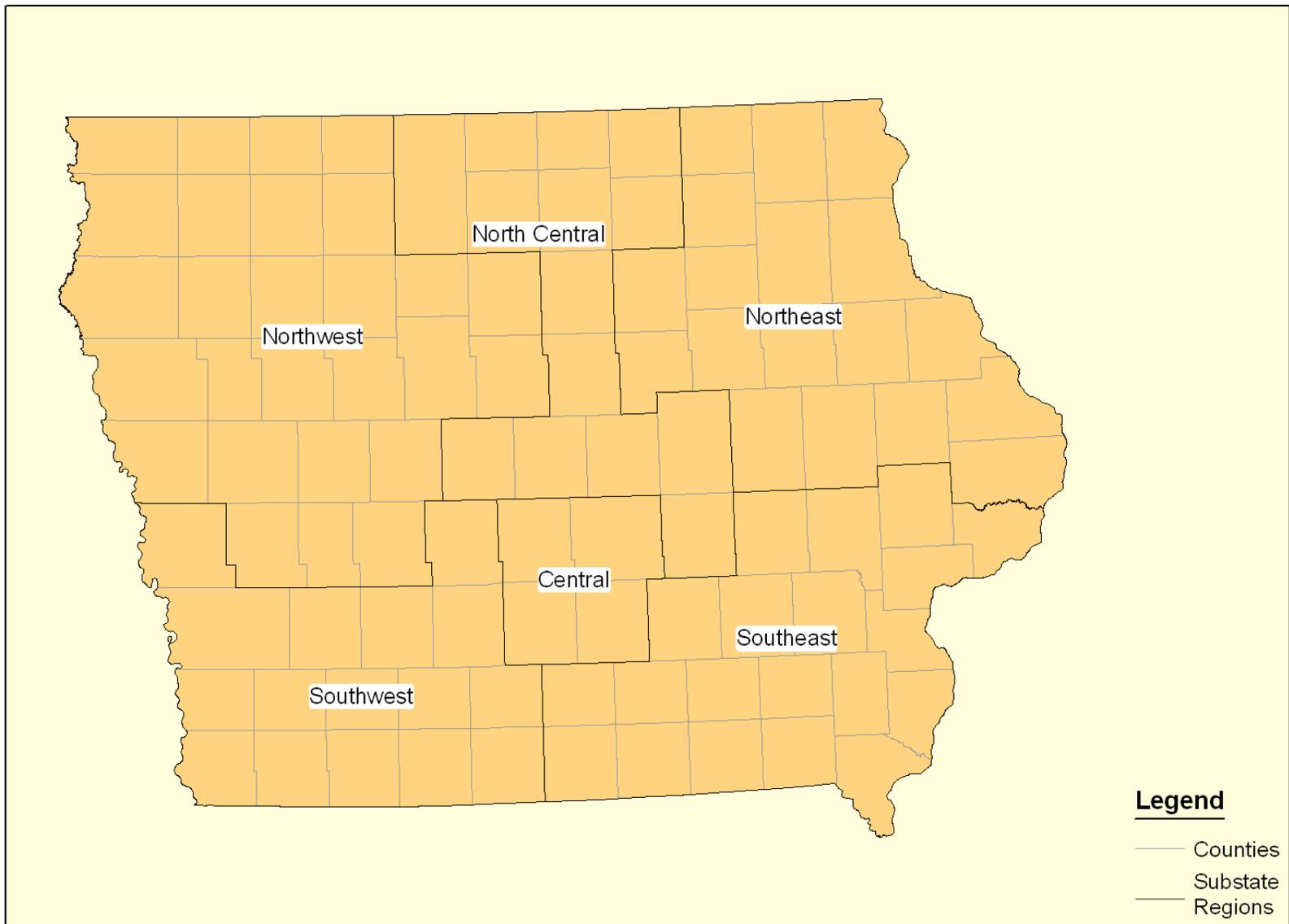


**Table D15. INDIANA – Substate Regions (defined in terms of counties)**

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		

Note: The substate regions defined for Indiana in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



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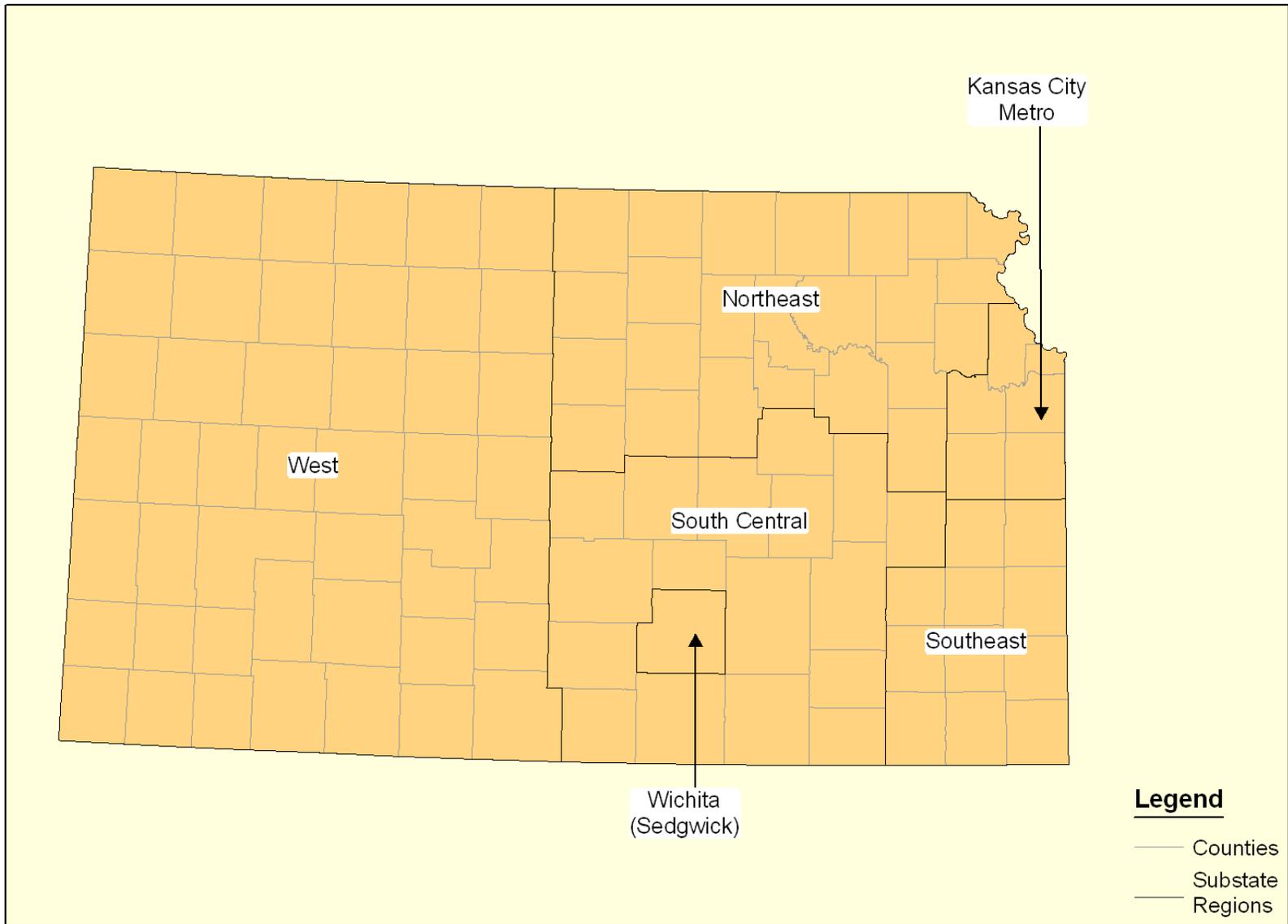
**Table D16. IOWA – Substate Regions (defined in terms of counties)**

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.					
<b>Central</b>	<b>North Central</b>	<b>Northeast</b>	<b>Northwest</b>	<b>Southeast</b>	<b>Southwest</b>
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		

Note: The substate regions defined for Iowa in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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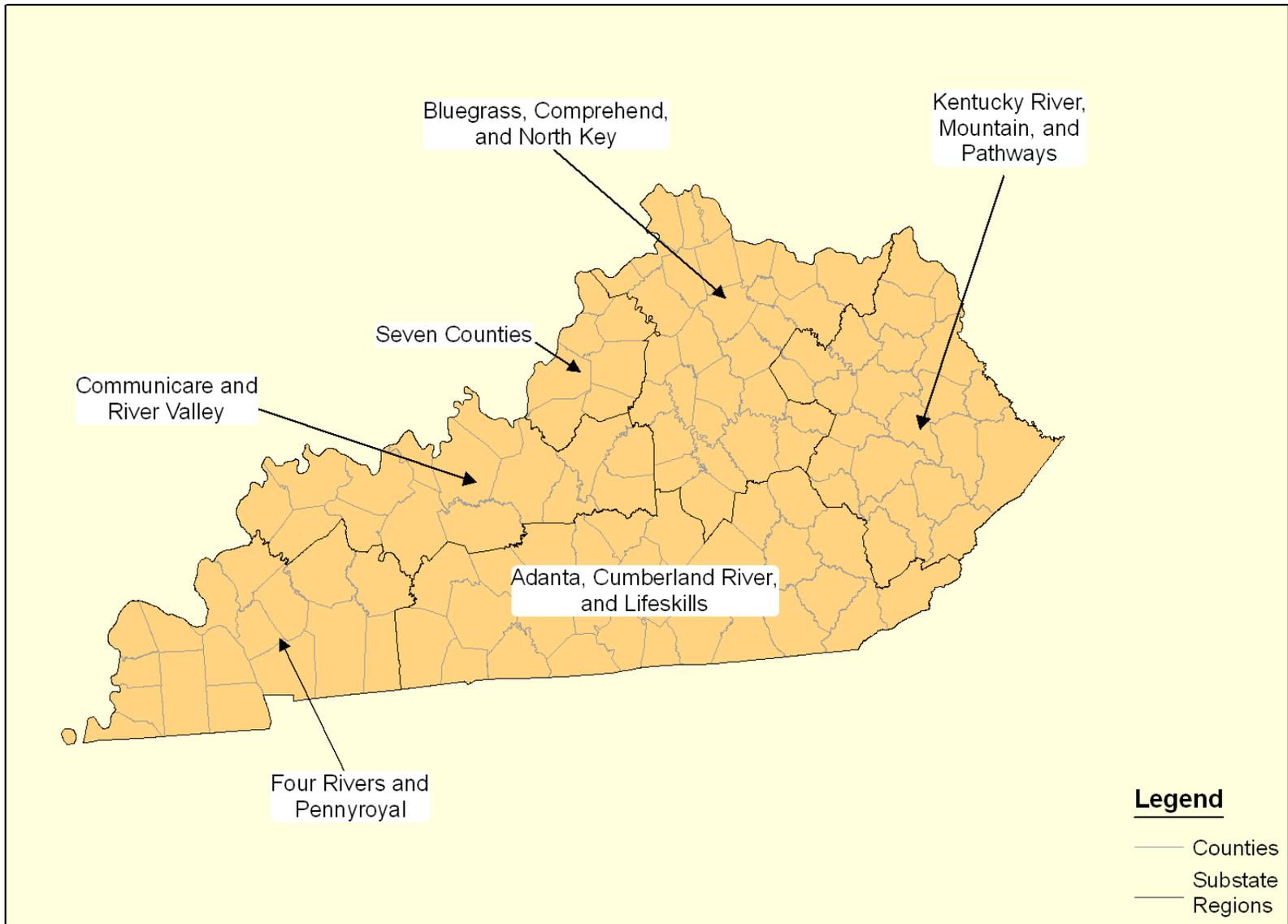
**Table D17. KANSAS – Substate Regions (defined in terms of counties)**

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.

<b>Kansas City Metro</b>	<b>Northeast</b>	<b>South Central</b>	<b>Southeast</b>	<b>West</b>		<b>Wichita (Sedgwick)</b>
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					

Note: The substate regions defined for Kansas in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



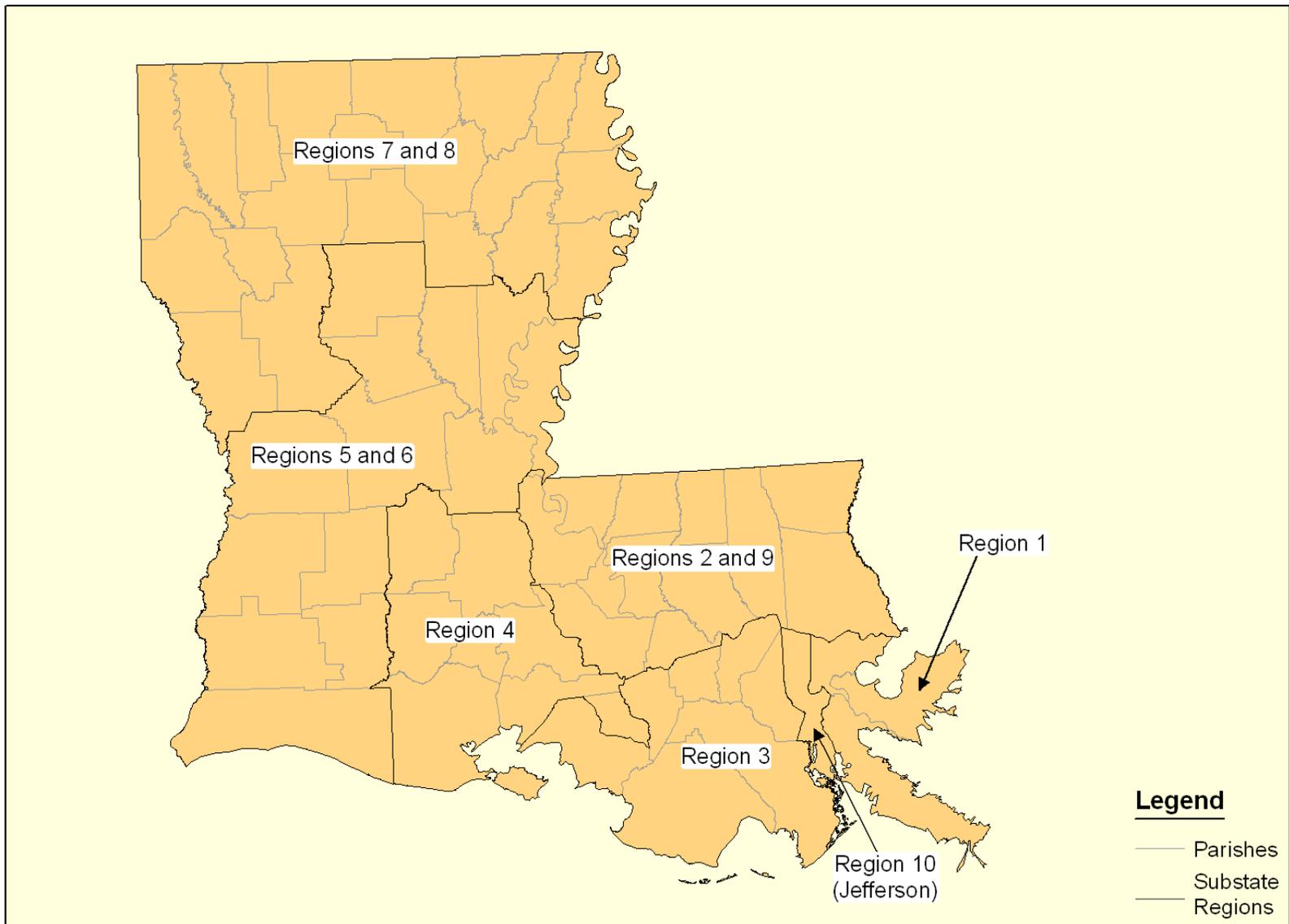
**Table D18. KENTUCKY – Substate Regions (defined in terms of counties)**

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.								
<b>Adanta, Cumberland River, and Lifeskills</b>		<b>Bluegrass, Comprehend, and North Key</b>		<b>Communicare and River Valley</b>	<b>Four Rivers and Pennyroyal</b>	<b>Kentucky River, Mountain, and Pathways</b>		<b>Seven Counties</b>
<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								

Note: The substate regions defined for Kentucky in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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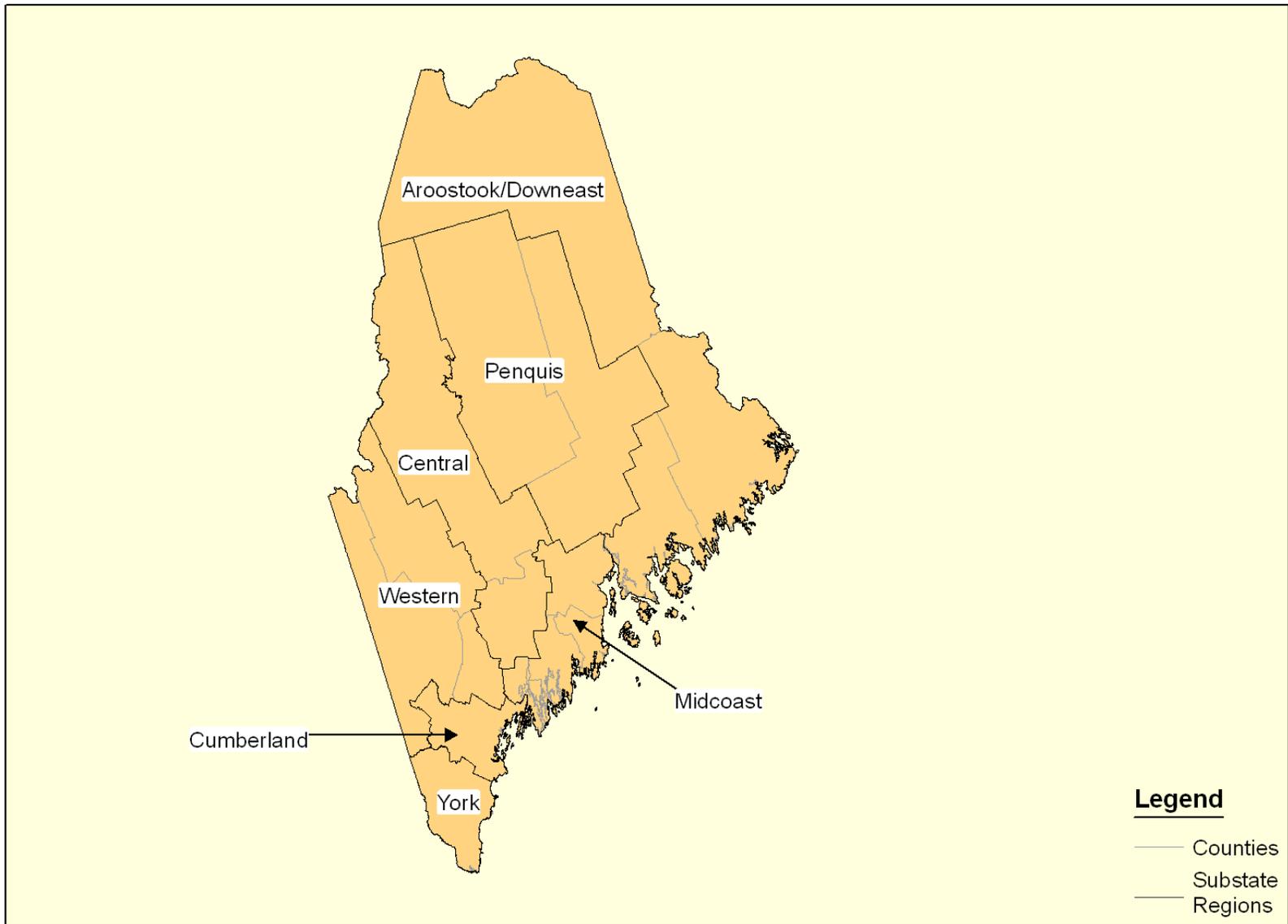


**Table D19. LOUISIANA – Substate Regions (defined in terms of parishes)**

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.						
<b>Region 1</b>	<b>Regions 2 and 9</b>	<b>Region 3</b>	<b>Region 4</b>	<b>Regions 5 and 6</b>	<b>Regions 7 and 8</b>	<b>Region 10 (Jefferson)</b>
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

Note: The substate regions defined for Louisiana in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



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

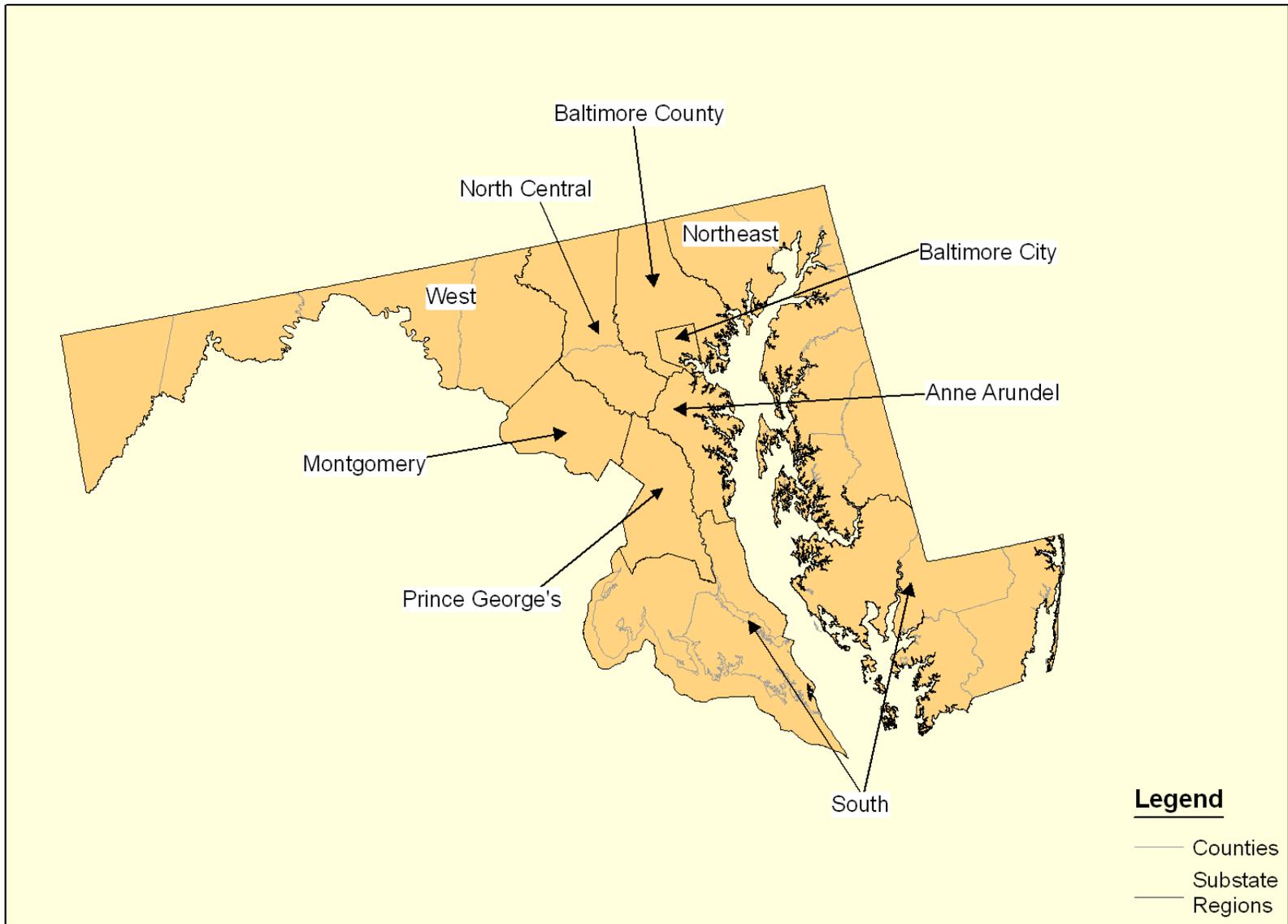
The substate regions defined here were obtained from the State's Office of Substance Abuse, Maine Department of Health and Human Services, and are defined in terms of the State's 16 counties.						
<b>Aroostook/Downeast</b>	<b>Central</b>	<b>Cumberland</b>	<b>Midcoast</b>	<b>Penquis</b>	<b>Western</b>	<b>York</b>
Aroostook Hancock Washington	Kennebec Somerset	Cumberland	Knox Lincoln Sagadahoc Waldo	Penobscot Piscataquis	Androscoggin Franklin Oxford	York

Note: The substate regions defined for Maine in this table are different from the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*. However, three regions correspond with each other across the two sets of region definitions. Table D20a shows the sets of regions that are defined consistently across the two sets of region definitions.

**Table D20a. MAINE – 2002-2004 Substate Regions That Correspond with the 2004-2006 Substate Regions**

<b>2002-2004 Substate Region</b>	<b>2004-2006 Substate Region</b>
Region 1 (Cumberland)	Cumberland
Region 5	Midcoast
Region 2 (York)	York

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



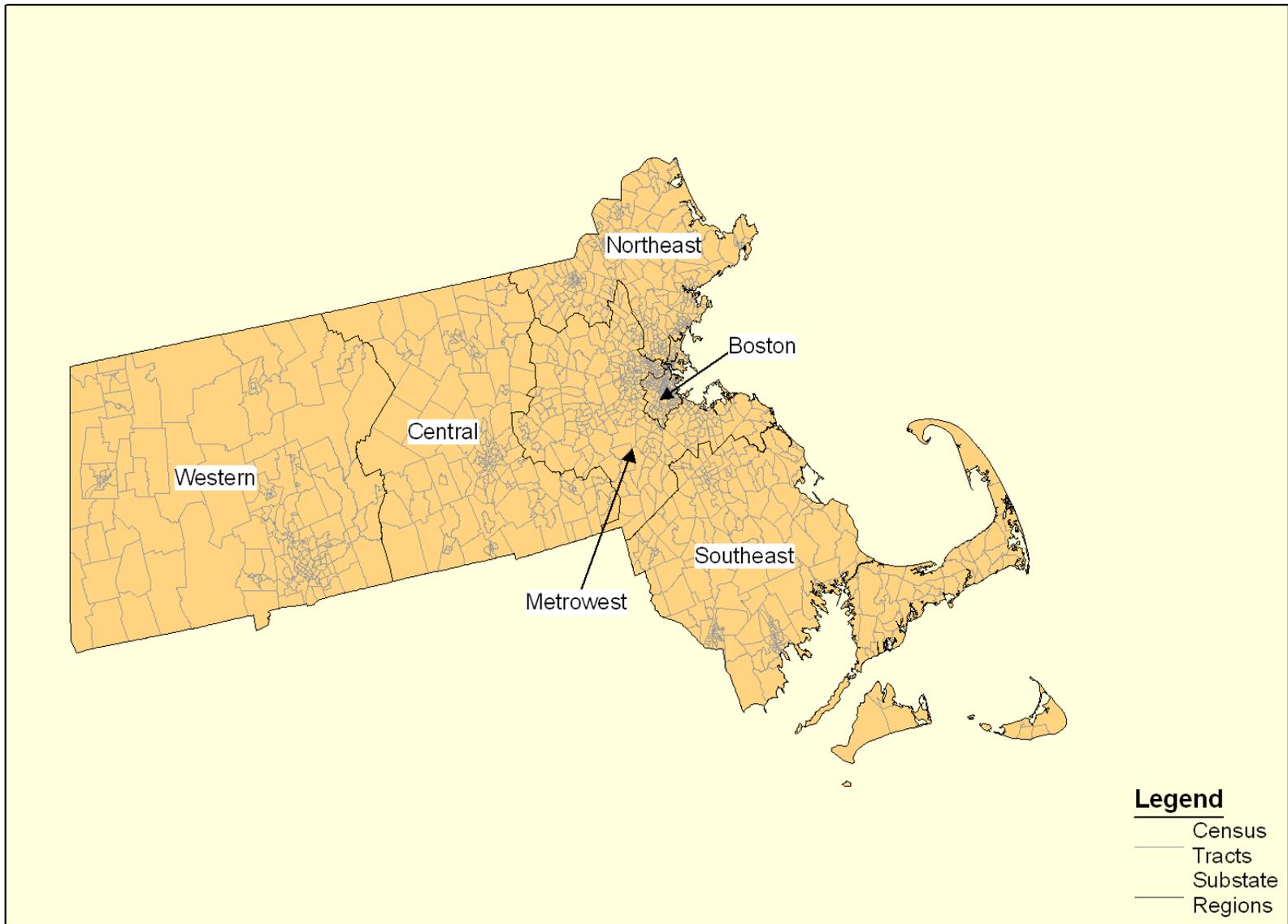
**Table D21. MARYLAND – Substate Regions (defined in terms of counties)**

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.								
<b>Anne Arundel</b>	<b>Baltimore City</b>	<b>Baltimore County</b>	<b>Montgomery</b>	<b>North Central</b>	<b>Northeast</b>	<b>Prince George's</b>	<b>South</b>	<b>West</b>
Anne Arundel	Baltimore City	Baltimore	Montgomery	Carroll Howard	Caroline Cecil Harford Kent Queen Anne's Talbot	Prince George's	Calvert Charles Dorchester St. Mary's Somerset Wicomico Worcester	Allegany Frederick Garrett Washington

Note: The substate regions defined for Maryland in this table are different from the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*. However, four regions, Anne Arundel, Baltimore City, Montgomery, and Prince George's, are defined consistently across the two sets of region definitions.

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.	
<b>Boston</b>	Tracts 400100 – 401200 in Norfolk County; Tracts 000100 – 180500 in Suffolk County
<b>Central</b>	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
<b>Metrowest</b>	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
<b>Northeast</b>	Tracts 201100 – 270100 in Essex County; Tracts 310100 – 318400, 328100 – 330200, 334100 – 337300, and 339100 – 342600 in Middlesex County
<b>Southeast</b>	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
<b>Western</b>	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

Note: The substate regions defined for Massachusetts in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



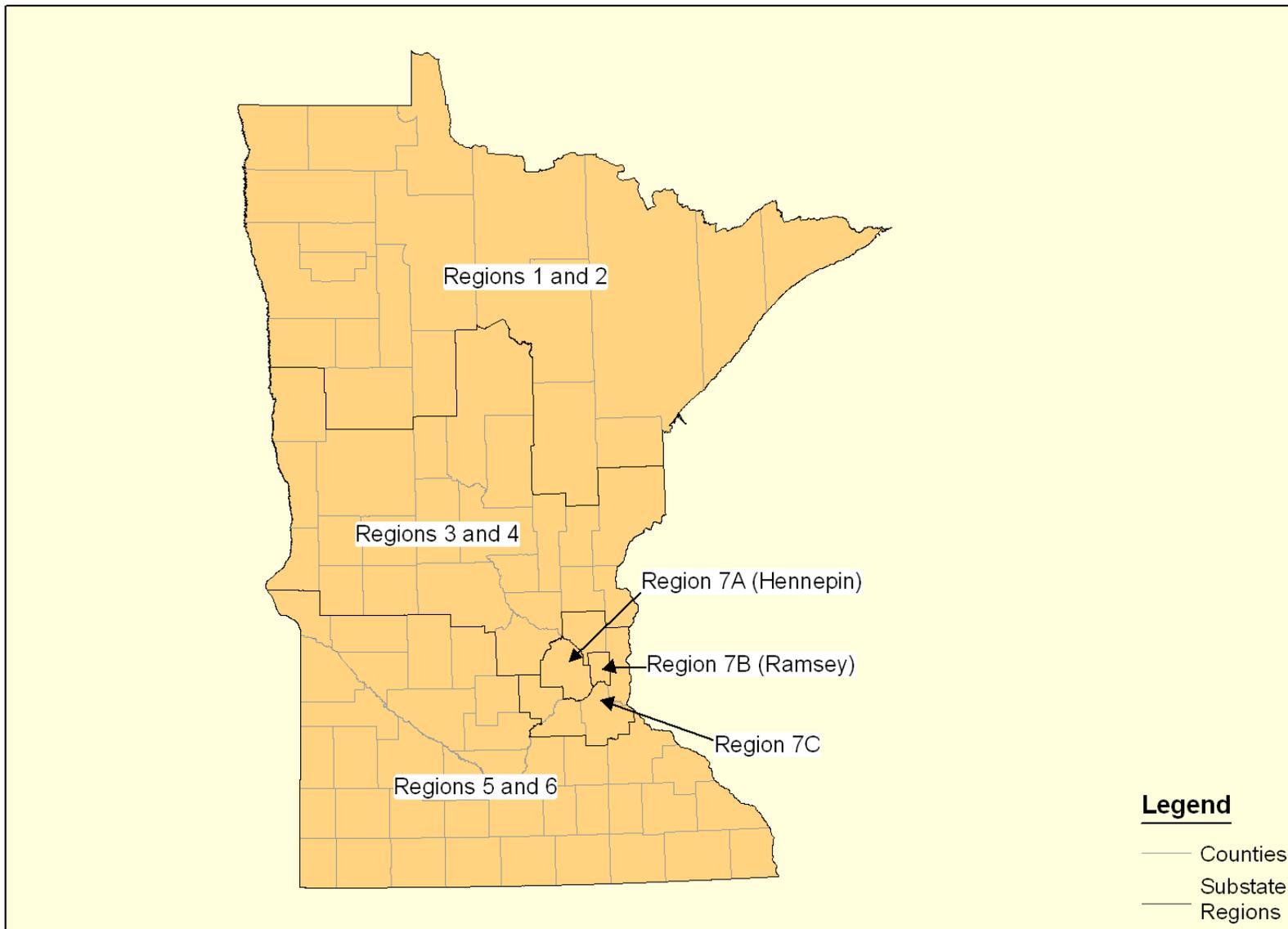
**Table D23. MICHIGAN – Substate Regions (defined in terms of counties)**

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 are 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) is 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.

<b>Bay</b>	<b>Detroit City</b>	<b>Genesee</b>	<b>Kalamazoo</b>	<b>Kent</b>	<b>Lakeshore</b>	<b>Macomb</b>	<b>Mid South</b>	
Arenac Bay Huron Montcalm Shiawassee Tuscola	Part of Wayne County (specified by Tracts 500100 – 546900 and 551600)	Genesee	Barry Branch Calhoun Cass Kalamazoo St. Joseph Van Buren	Kent	Allegan Berrien Muskegon Ottawa	Macomb	Clinton Eaton Gratiot Hillsdale Ingham Ionia Jackson Lenawee Newaygo	
<b>Northern</b>		<b>Oakland</b>	<b>Pathways</b>	<b>Saginaw</b>	<b>Southeast</b>	<b>St. Clair</b>	<b>Washtenaw</b>	<b>Western</b>
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

Note: The substate regions defined for Michigan in this table are different from the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*. The Kalamazoo, Lakeshore, and Mid South regions are defined differently across the two sets of substate region definitions; however, the remaining 13 regions are defined consistently across the two sets of substate region definitions.

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



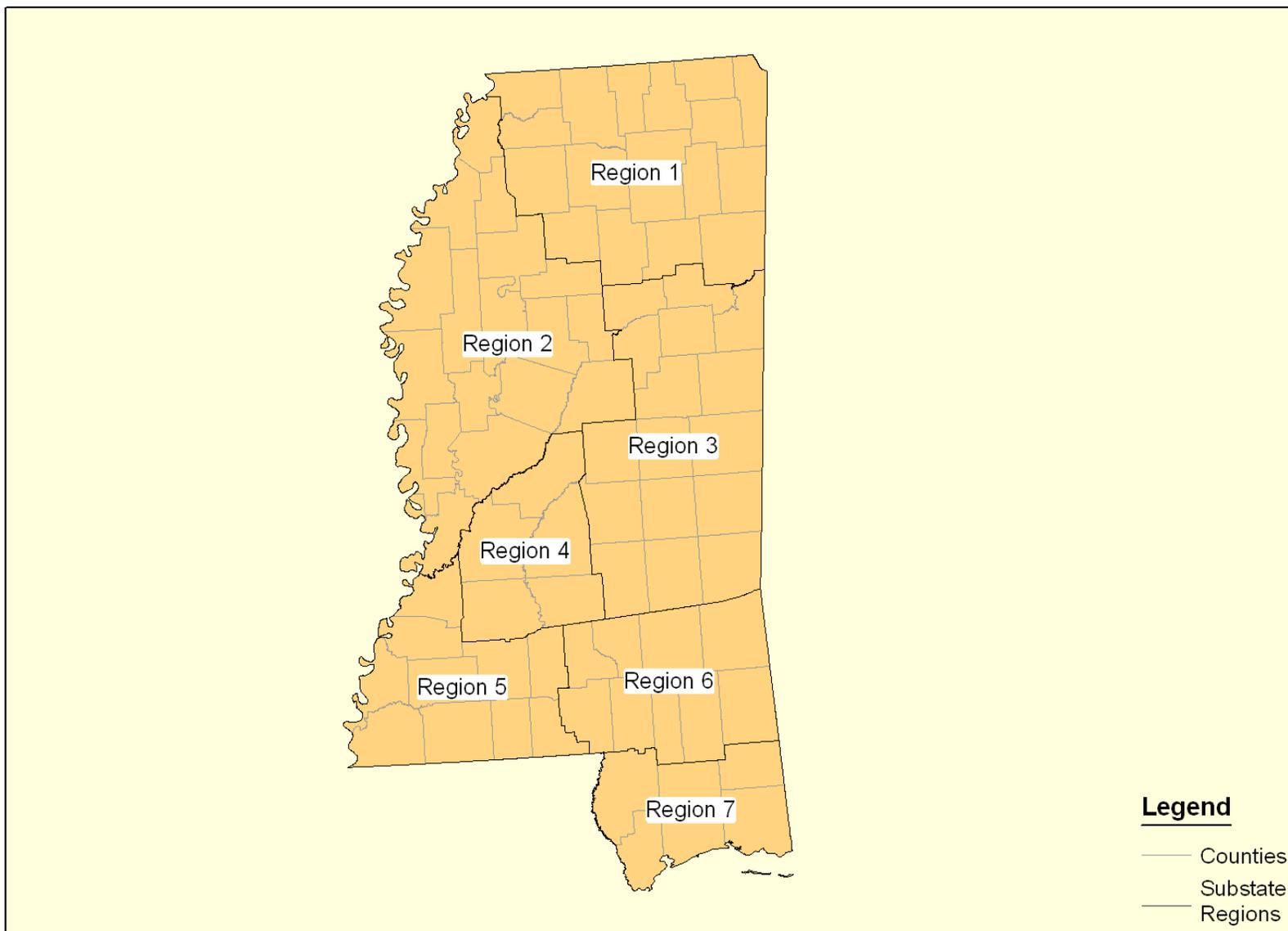
**Table D24. MINNESOTA – Substate Regions (defined in terms of counties)**

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

<b>Regions 1 and 2</b>		<b>Regions 3 and 4</b>		<b>Regions 5 and 6</b>		<b>Region 7A (Hennepin)</b>	<b>Region 7B (Ramsey)</b>	<b>Region 7C</b>
<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				

Note: The substate regions defined for Minnesota in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

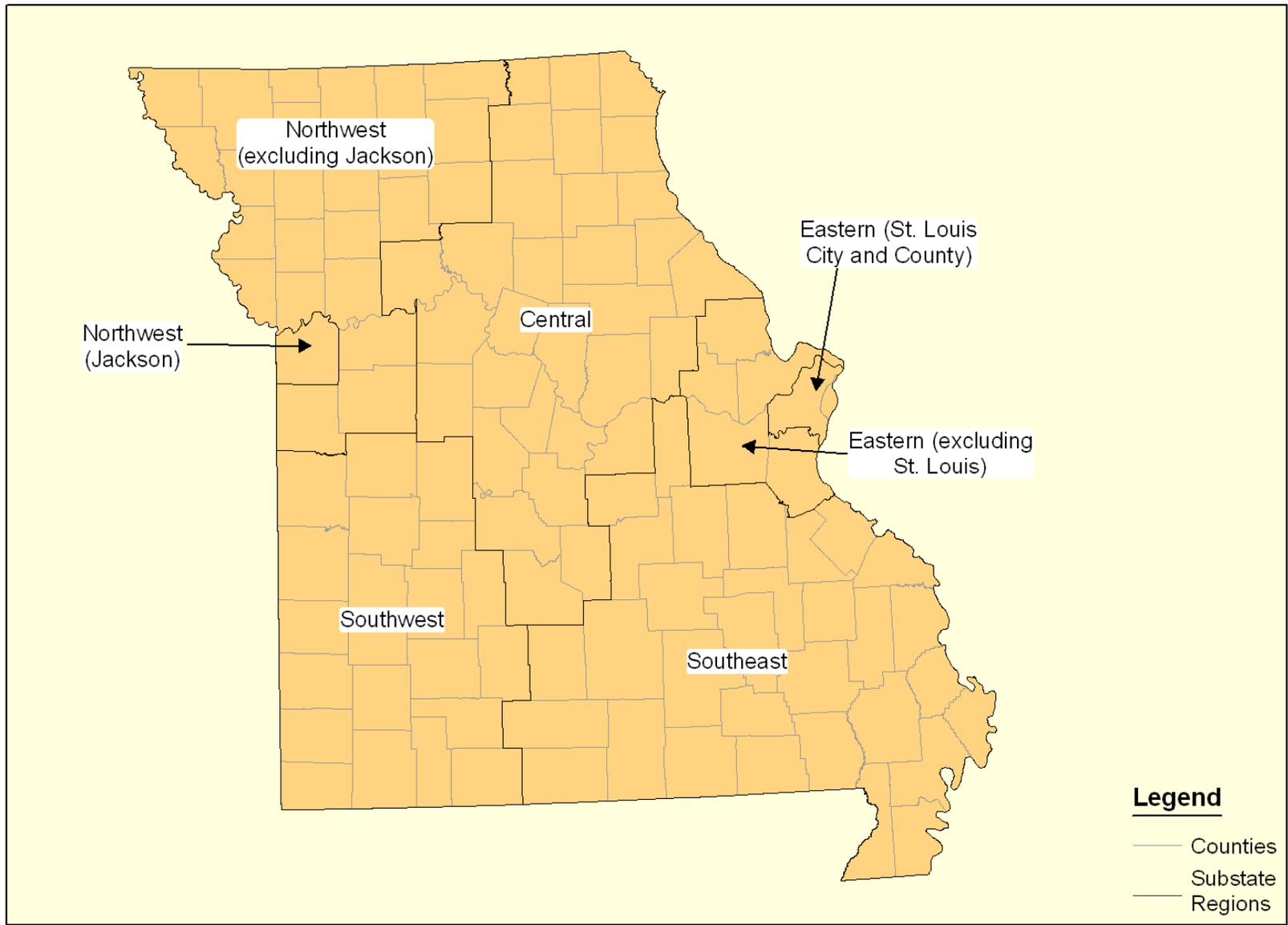


**Table D25. MISSISSIPPI – Substate Regions (defined in terms of counties)**

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	Attala	Choctaw	Copiah	Adams	Covington	George
Benton	Bolivar	Clarke	Hinds	Amite	Forrest	Hancock
Calhoun	Carroll	Clay	Madison	Claiborne	Greene	Harrison
Chickasaw	Coahoma	Jasper	Rankin	Franklin	Jefferson Davis	Jackson
De Soto	Grenada	Kemper	Simpson	Jefferson	Jones	Pearl River
Itawamba	Holmes	Lauderdale		Lawrence	Lamar	Stone
Lafayette	Humphreys	Leake		Lincoln	Marion	
Lee	Issaquena	Lowndes		Pike	Perry	
Marshall	Leflore	Neshoba		Walthall	Wayne	
Monroe	Montgomery	Newton		Wilkinson		
Panola	Quitman	Noxubee				
Pontotoc	Sharkey	Oktibbeha				
Prentiss	Sunflower	Scott				
Tate	Tallahatchie	Smith				
Tippah	Tunica	Webster				
Tishomingo	Warren	Winston				
Union	Washington					
Yalobusha	Yazoo					

Note: The substate regions defined for Mississippi in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



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

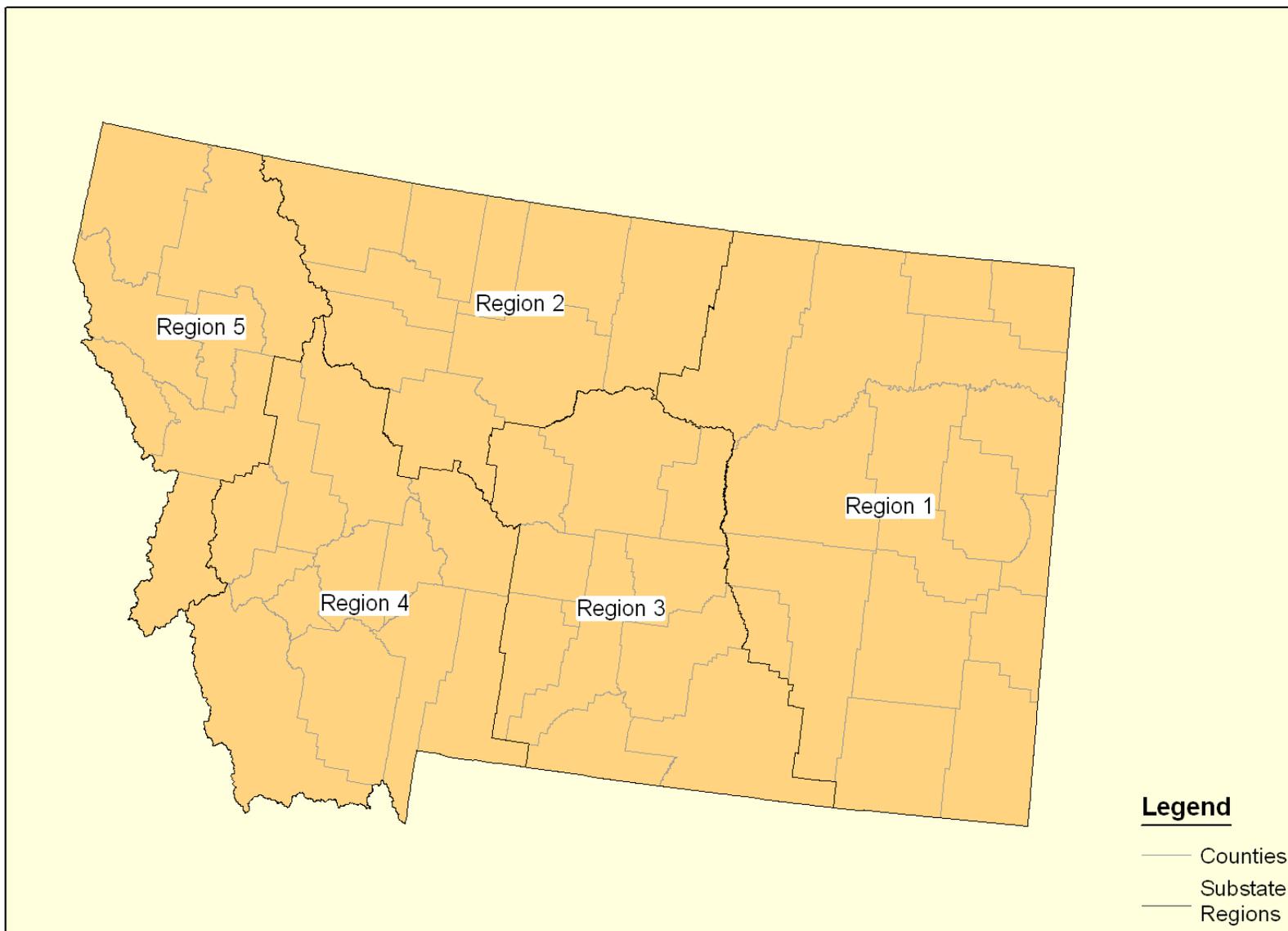
The substate regions defined here were provided by the Missouri Department of Mental Health and are defined in terms of the State's 114 counties and St. Louis City. As per the State's request, estimates for seven substate regions along with two aggregate planning areas (Eastern and Northwest) and maps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

		Eastern		Northwest				
		Eastern (St. Louis City and County)	Eastern (excluding St. Louis)	Northwest (Jackson)	Northwest (excluding Jackson)			
<b>Central</b>						<b>Southeast</b>		<b>Southwest</b>
Adair	Ralls	St. Louis	Franklin	Jackson	Andrew	Bollinger	Ste. Genevieve	Barry
Audrain	Randolph	St. Louis City	Jefferson		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		

Note: The substate regions defined for Missouri in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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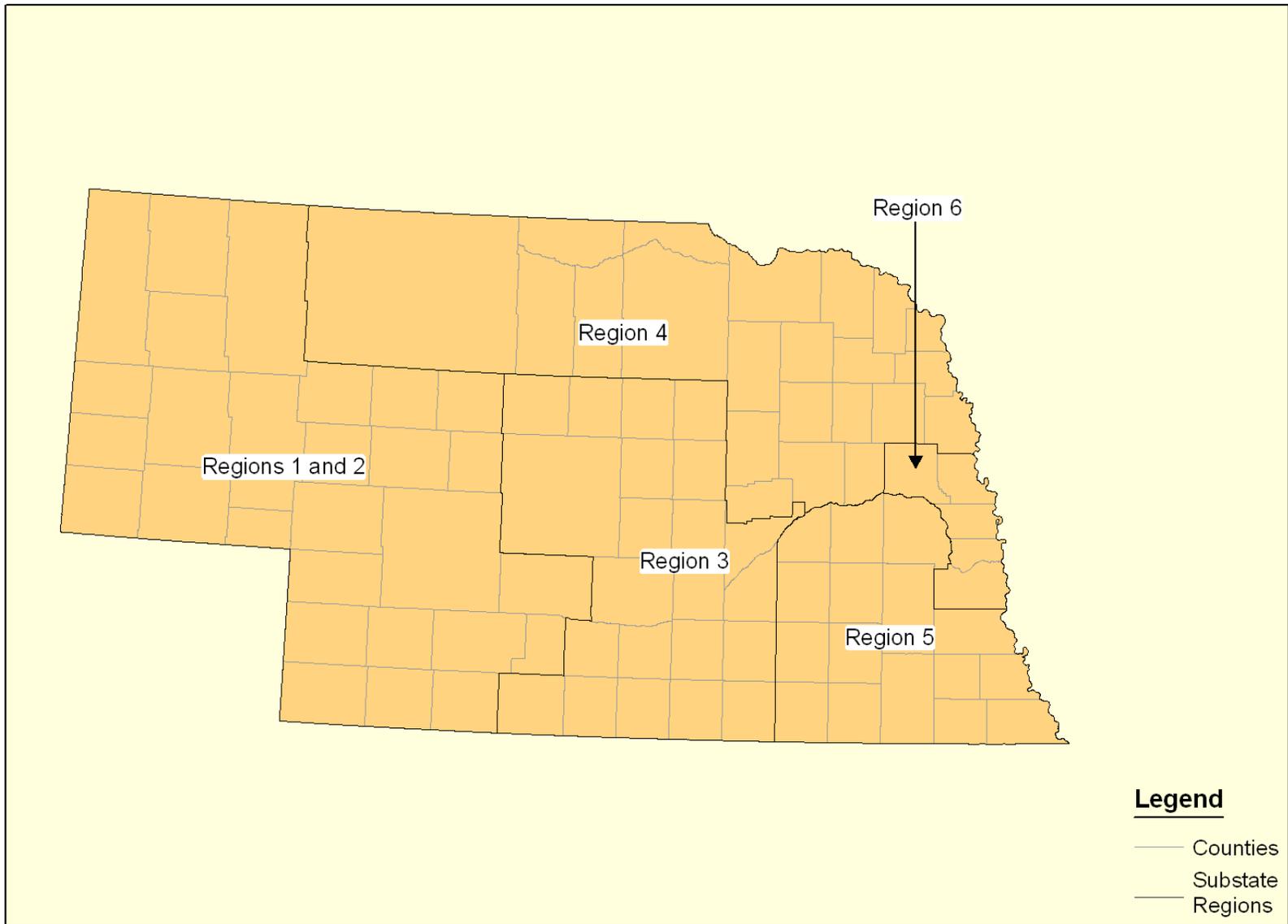
**Table D27. MONTANA – Substate Regions (defined in terms of counties)**

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 56 counties.				
<b>Region 1</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Region 4</b>	<b>Region 5</b>
Carter	Blaine	Big Horn	Beaverhead	Flathead
Custer	Cascade	Carbon	Broadwater	Lake
Daniels	Chouteau	Fergus	Deer Lodge	Lincoln
Dawson	Glacier	Golden Valley	Gallatin	Mineral
Fallon	Hill	Judith Basin	Granite	Missoula
Garfield	Liberty	Musselshell	Jefferson	Ravalli
McCone	Pondera	Petroleum	Lewis and Clark	Sanders
Phillips	Teton	Stillwater	Madison	
Powder River	Toole	Sweet Grass	Meagher	
Prairie		Wheatland	Park	
Richland		Yellowstone	Powell	
Roosevelt			Silver Bow	
Rosebud				
Sheridan				
Treasure				
Valley				
Wibaux				

Note: The substate regions defined for Montana in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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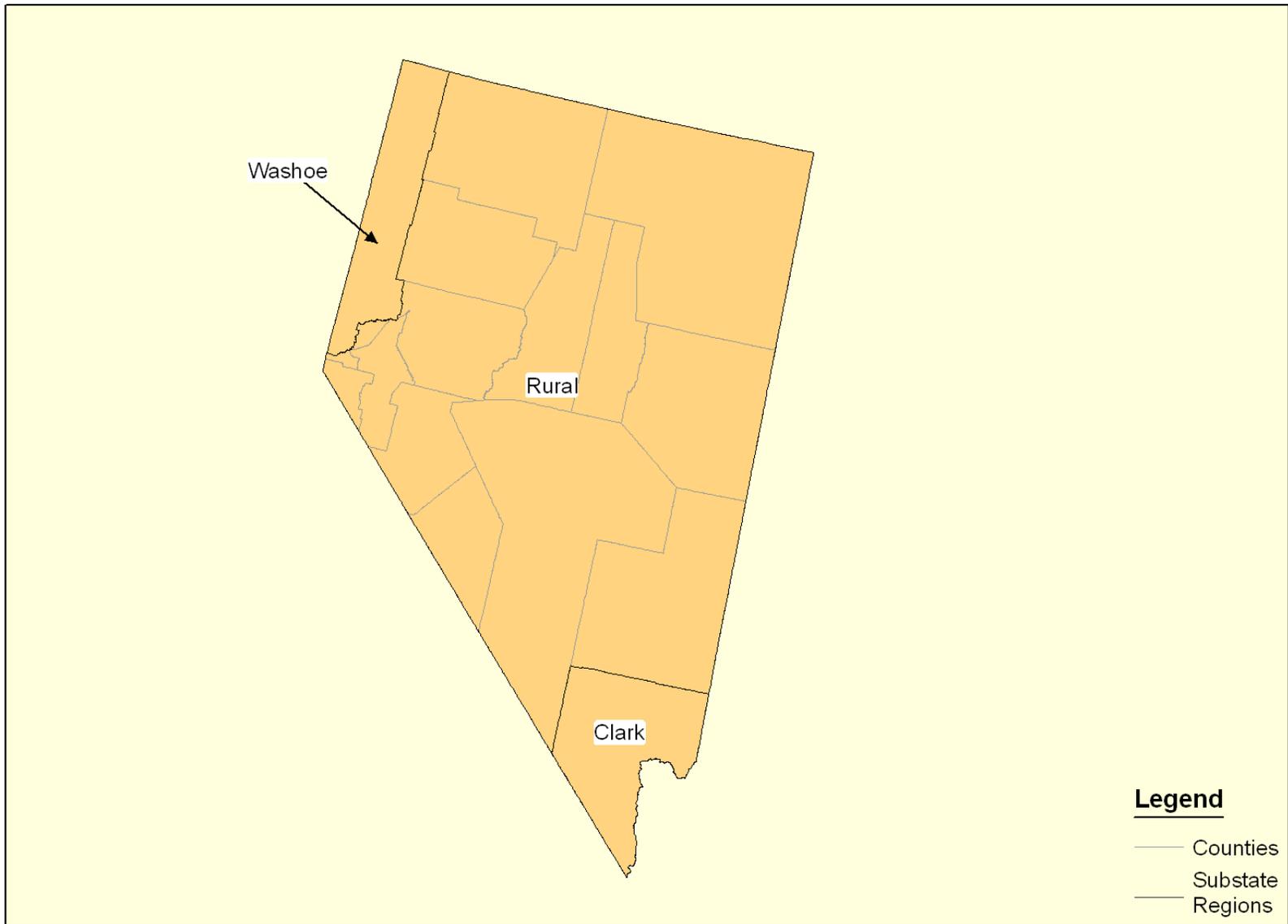


**Table D28. NEBRASKA – Substate Regions (defined in terms of counties)**

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.					
<b>Regions 1 and 2</b>		<b>Region 3</b>	<b>Region 4</b>	<b>Region 5</b>	<b>Region 6</b>
<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		

Note: The substate regions defined for Nebraska in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



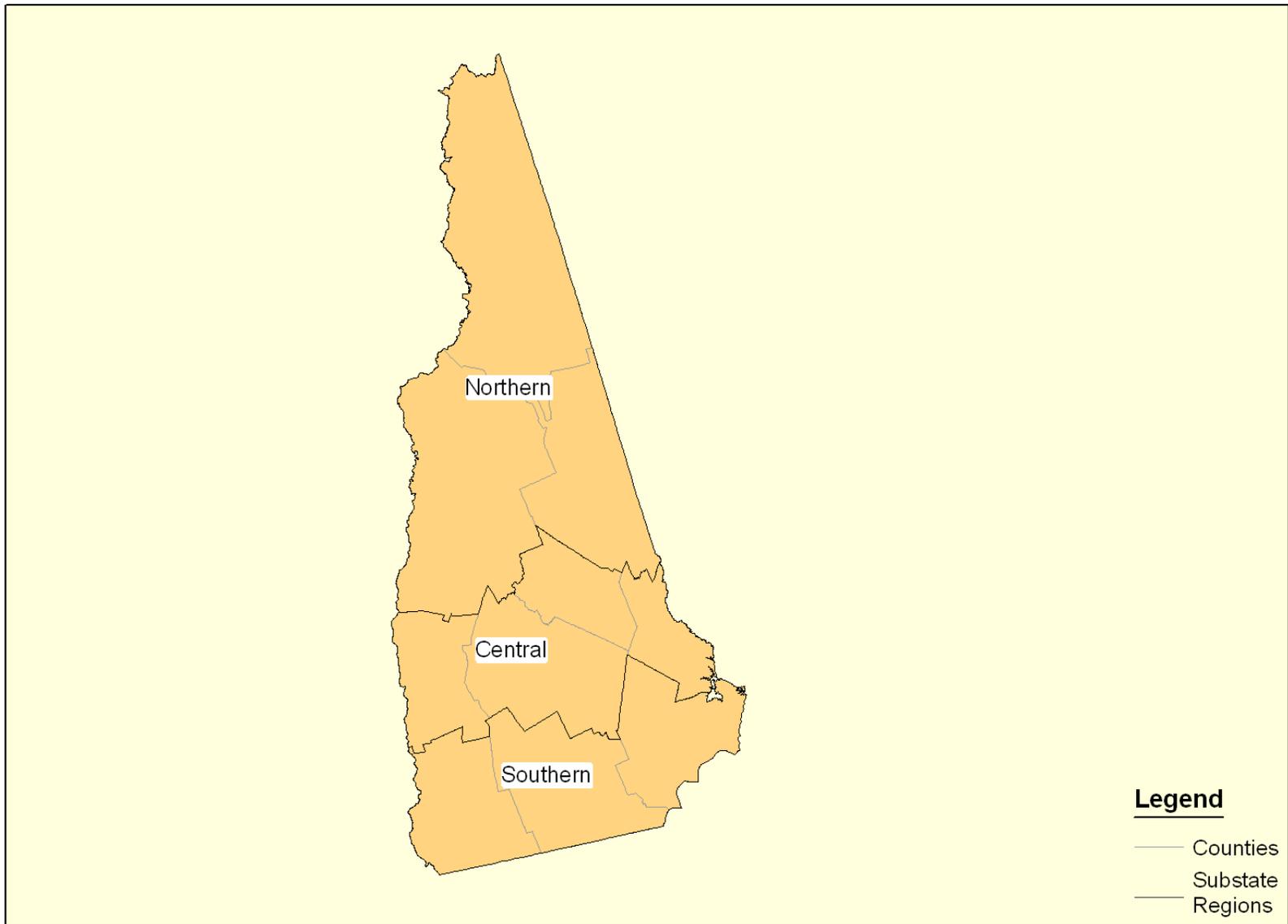
**Table D29. NEVADA – Substate Regions (defined in terms of counties)**

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.		
<b>Clark</b>	<b>Rural</b>	<b>Washoe</b>
Clark	Carson City Churchill Douglas Elko Esmeralda Eureka Humboldt Lander Lincoln Lyon Mineral Nye Pershing Storey White Pine	Washoe

Note: The substate regions defined for Nevada in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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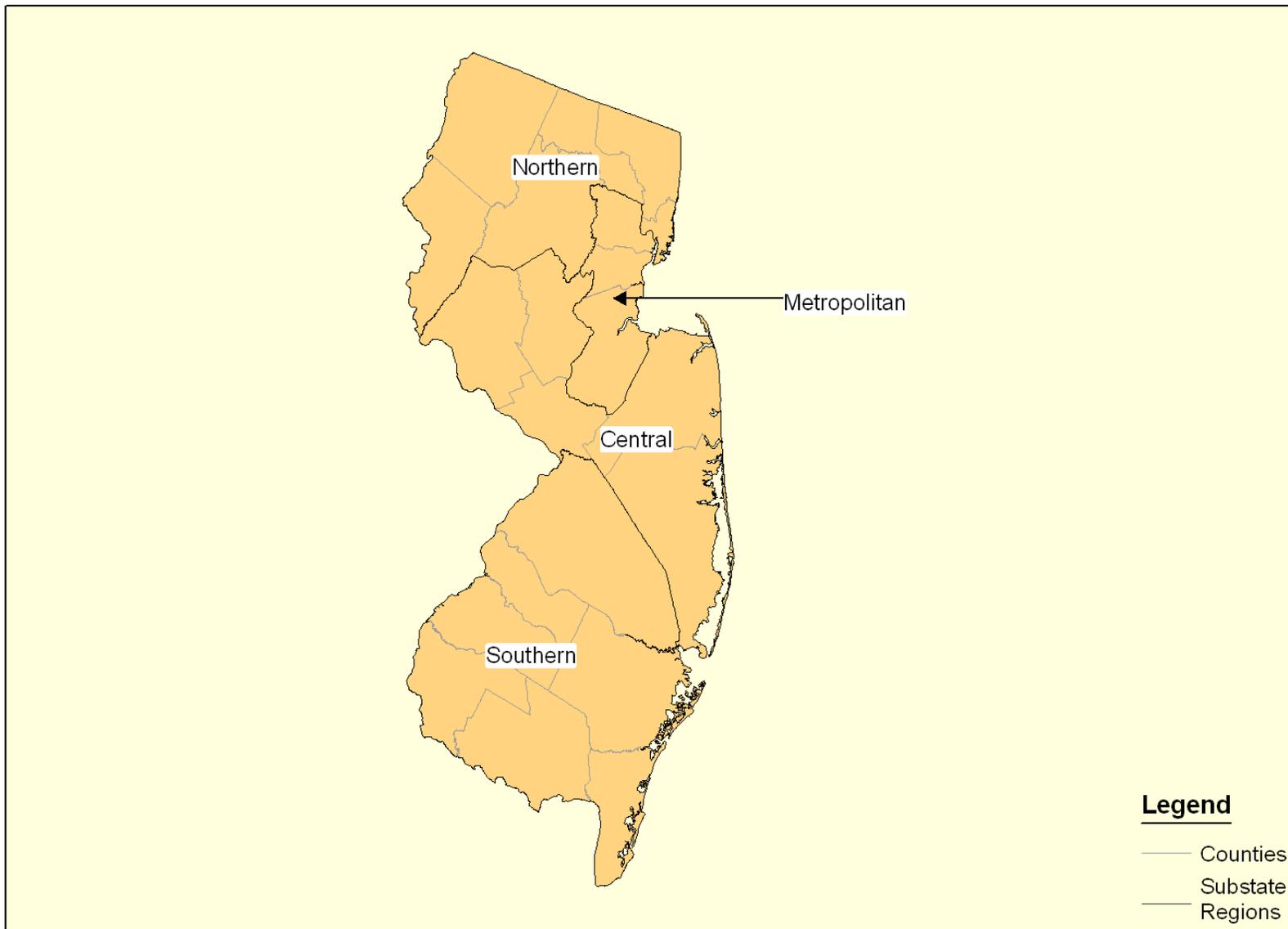


**Table D30. NEW HAMPSHIRE – Substate Regions (defined in terms of counties)**

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.				
<b>Central</b>		<b>Northern</b>	<b>Southern</b>	
<b>Central 1</b>	<b>Central 2</b>		<b>Southern 1 (Rockingham)</b>	<b>Southern 2</b>
Belknap Strafford	Merrimack Sullivan	Carroll Coos Grafton	Rockingham	Cheshire Hillsborough

Note: The substate regions defined for New Hampshire in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

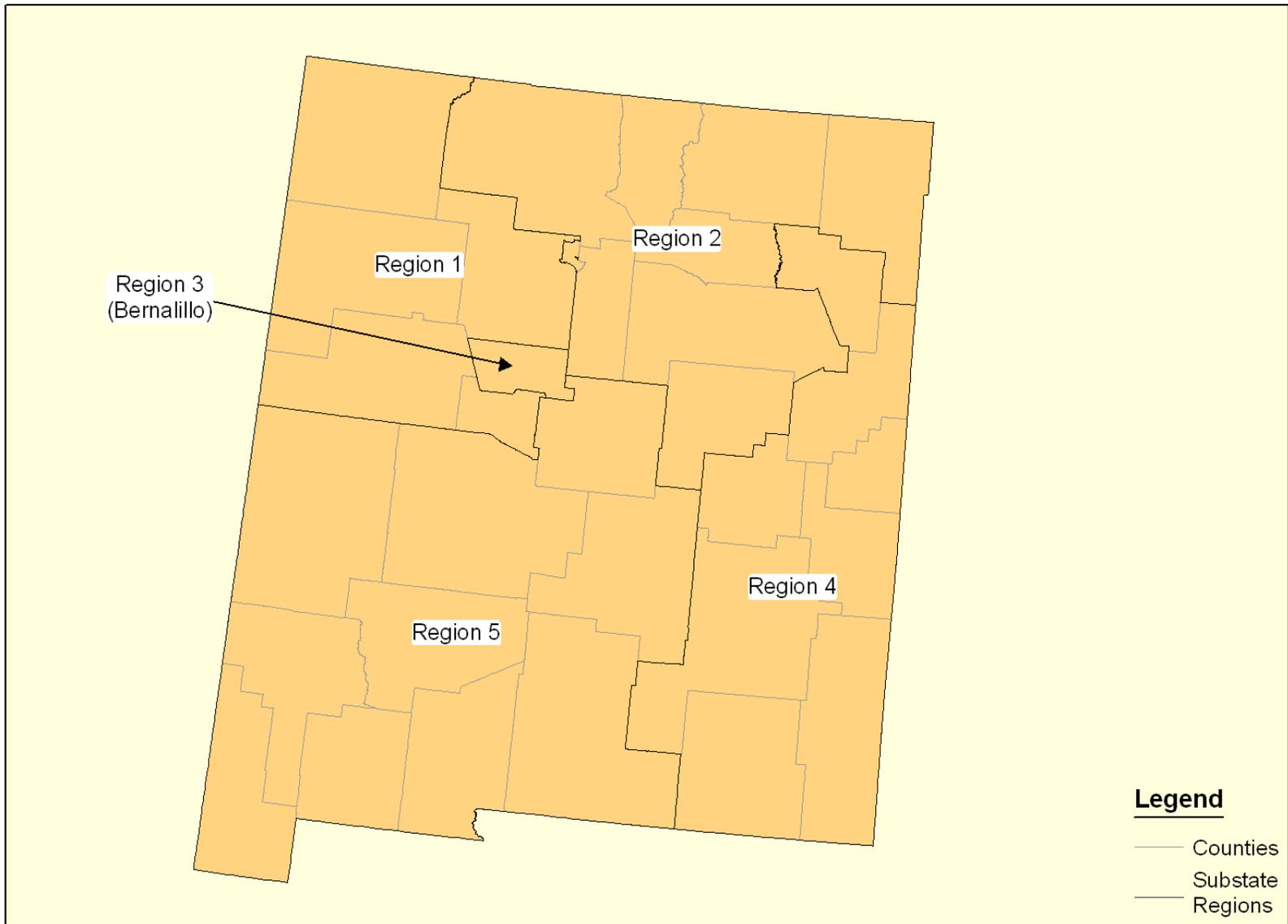


**Table D31. NEW JERSEY – Substate Regions (defined in terms of counties)**

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.			
<b>Central</b>	<b>Metropolitan</b>	<b>Northern</b>	<b>Southern</b>
Hunterdon Mercer Monmouth Ocean Somerset	Essex Middlesex Union	Bergen Hudson Morris Passaic Sussex Warren	Atlantic Burlington Camden Cape May Cumberland Gloucester Salem

Note: The substate regions defined for New Jersey in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



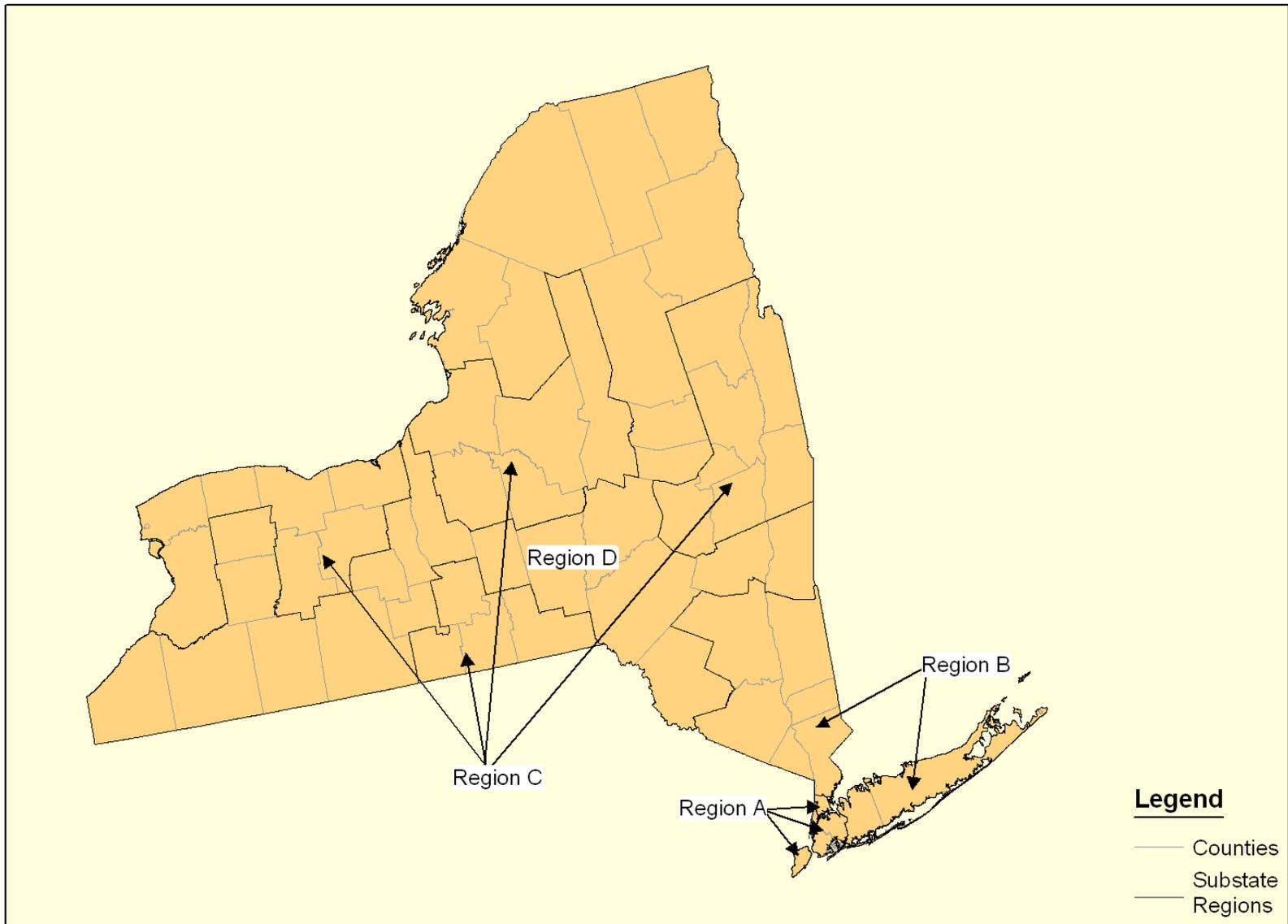
**Table D32. NEW MEXICO – Substate Regions (defined in terms of counties)**

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.				
<b>Region 1</b>	<b>Region 2</b>	<b>Region 3 (Bernalillo)</b>	<b>Region 4</b>	<b>Region 5</b>
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

Note: The substate regions defined for New Mexico in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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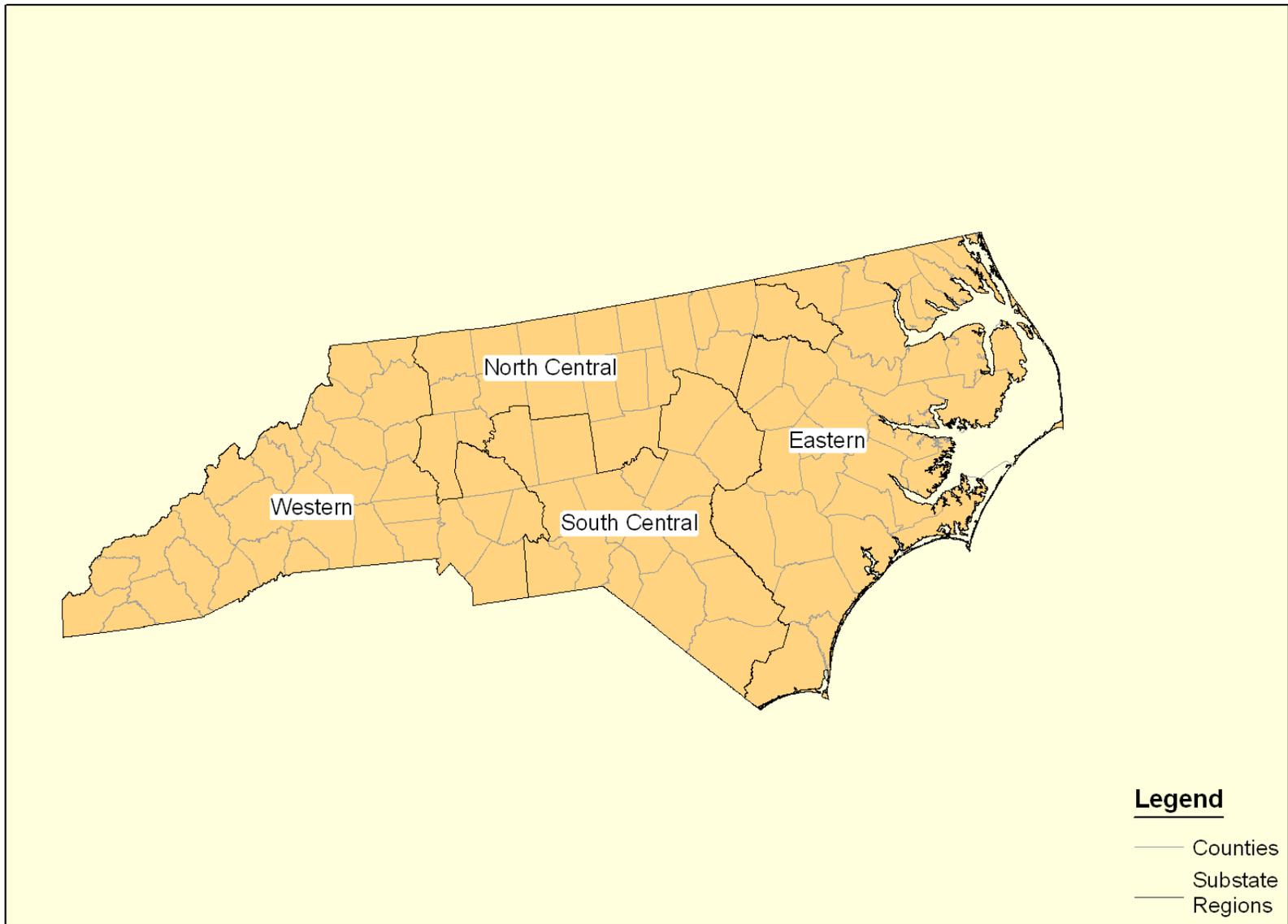
**Table D33. NEW YORK – Substate Regions (defined in terms of counties)**

<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 4 planning areas are being produced.</p>							
<b>Region A</b>				<b>Region B</b>			
<b>Region 1</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Region 4</b>	<b>Region 5</b>	<b>Region 6</b>	<b>Region 7</b>	
Bronx	Kings Richmond	New York	Queens	Nassau Suffolk	Putnam Rockland Westchester	Dutchess Orange Ulster	
<b>Region C</b>				<b>Region D</b>			
<b>Region 8</b>	<b>Region 9</b>	<b>Region 10</b>	<b>Region 11</b>	<b>Region 12</b>	<b>Region 13</b>	<b>Region 14</b>	<b>Region 15</b>
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

Note: The aggregate substate regions defined for New York in this table are different from the aggregate substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*. However, two aggregate regions, Region A and Region D, are defined consistently across the two sets of aggregate region definitions. The 15 substate regions (Regions 1 to Regions 15) are defined consistently across the two sets of region definitions.

**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)**

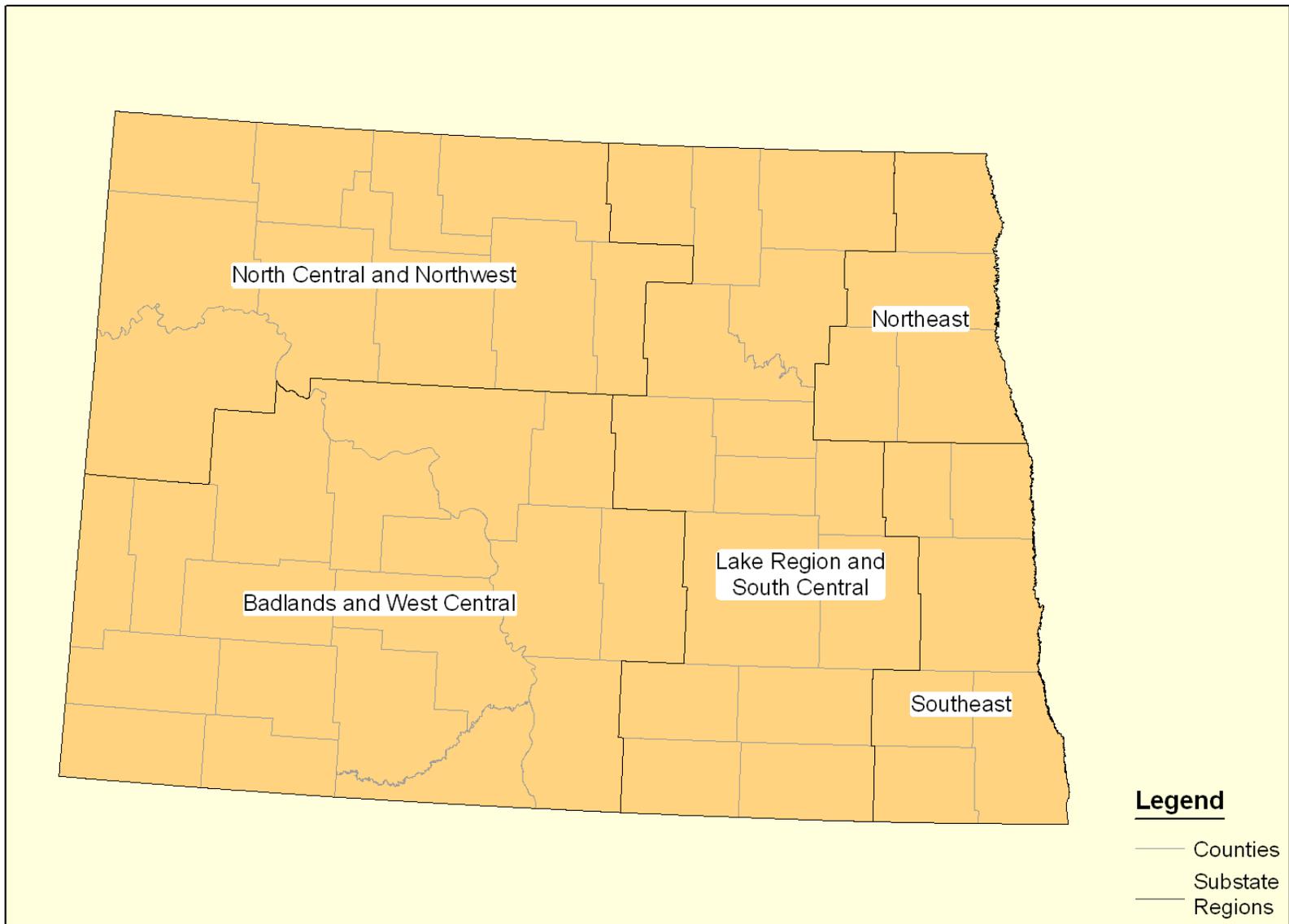
The substate regions defined here were provided by the North Carolina Division of Mental Health, Development Disabilities and Substance Abuse Services, Department of Health and Human Services, and are defined in terms of the State's 100 counties.

<b>Eastern</b>		<b>North Central</b>	<b>South Central</b>	<b>Western</b>	
Beaufort	Perquimans	Alamance	Anson	Alexander	Rutherford
Bertie	Pitt	Caswell	Bladen	Alleghany	Stanly
Brunswick	Sampson	Chatham	Columbus	Ashe	Swain
Camden	Tyrrell	Davie	Cumberland	Avery	Transylvania
Carteret	Washington	Durham	Davidson	Buncombe	Union
Chowan	Wayne	Forsyth	Harnett	Burke	Watauga
Craven	Wilson	Franklin	Hoke	Cabarrus	Wilkes
Currituck		Granville	Johnston	Caldwell	Yancey
Dare		Guilford	Lee	Catawba	
Duplin		Halifax	Montgomery	Cherokee	
Edgecombe		Iredell	Moore	Clay	
Gates		Orange	Randolph	Cleveland	
Greene		Person	Richmond	Gaston	
Hertford		Rockingham	Robeson	Graham	
Hyde		Stokes	Scotland	Haywood	
Jones		Surry	Wake	Henderson	
Lenoir		Vance		Jackson	
Martin		Warren		Lincoln	
Nash		Yadkin		Macon	
New Hanover				Madison	
Northampton				McDowell	
Onslow				Mecklenburg	
Pamlico				Mitchell	
Pasquotank				Polk	
Pender				Rowan	

Note: The substate regions defined for North Carolina in this table are different from the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*. However, two regions, South Central and Western, are defined consistently across the two sets of region definitions.

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

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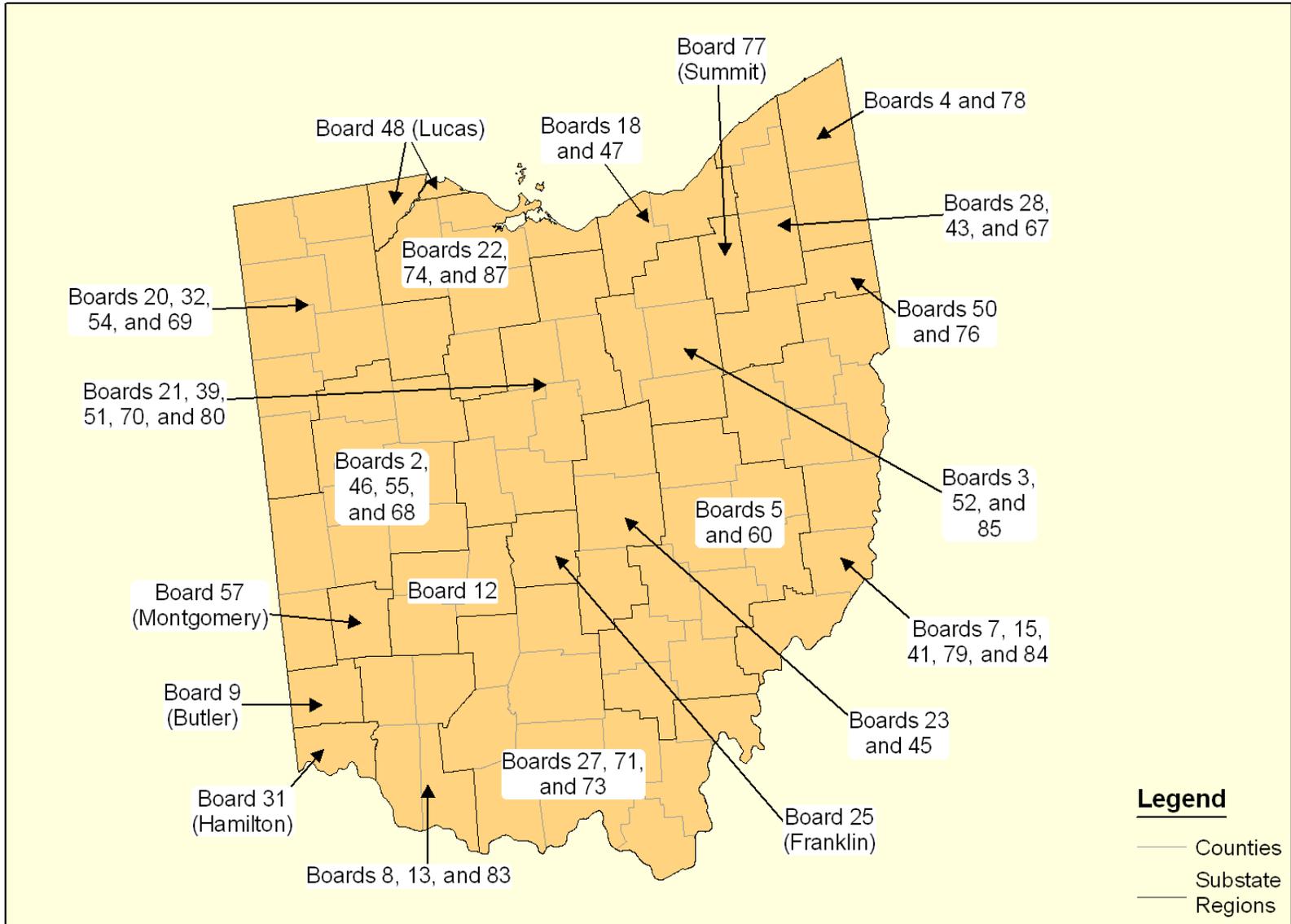


**Table D35. NORTH DAKOTA – Substate Regions (defined in terms of counties)**

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.							
<b>Badlands and West Central</b>		<b>Lake Region and South Central</b>		<b>North Central and Northwest</b>		<b>Northeast</b>	<b>Southeast</b>
<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						

Note: The substate regions defined for North Dakota in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



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

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.

<b>Boards 2, 46, 55, and 68</b>	<b>Boards 3, 52, and 85</b>	<b>Boards 4 and 78</b>	<b>Boards 5 and 60</b>	<b>Boards 7, 15, 41, 79, and 84</b>	<b>Boards 8, 13, and 83</b>	<b>Board 9 (Butler)</b>	<b>Board 12</b>
<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

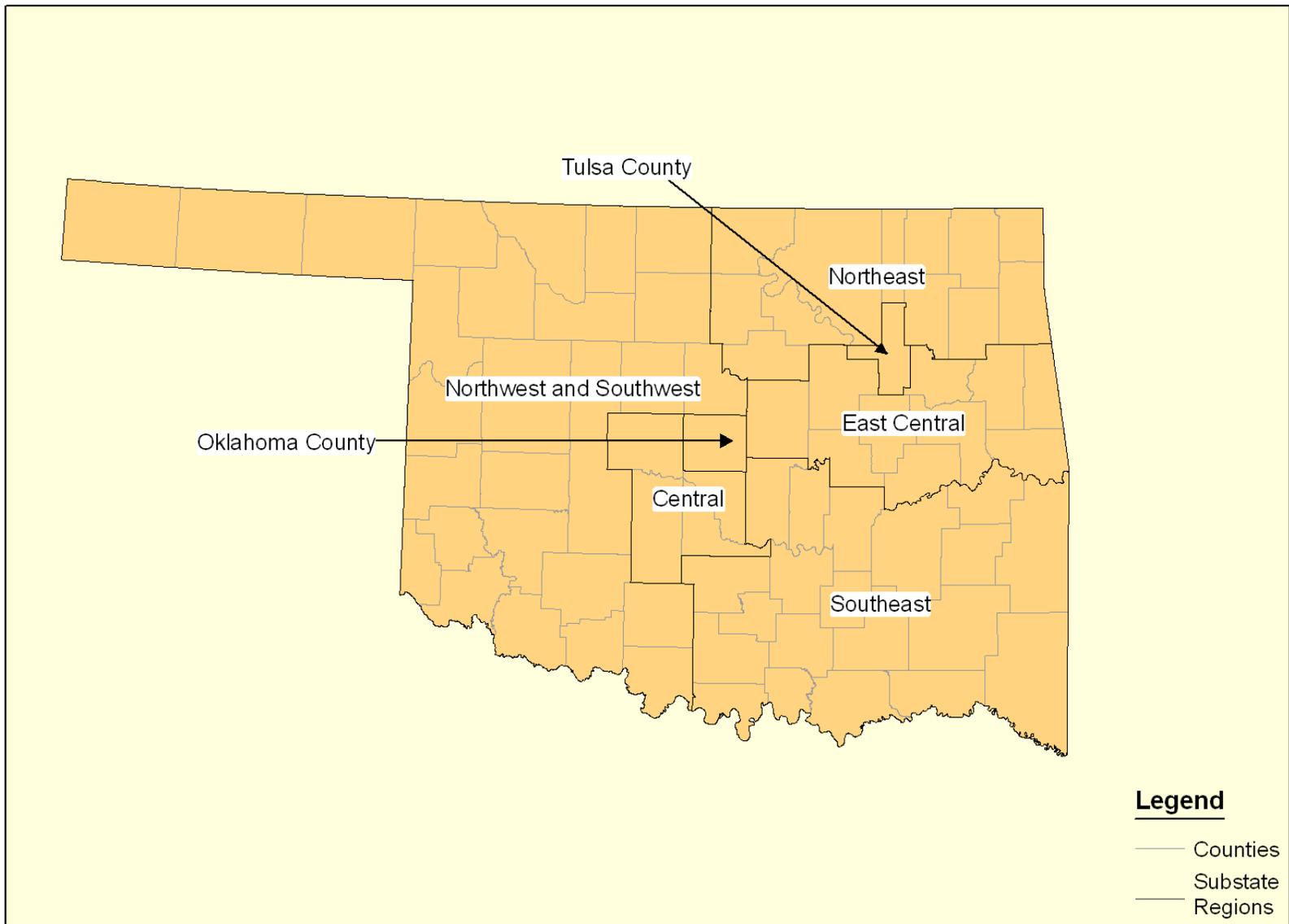
(continued)

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

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

Note: The substate regions defined for Ohio in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



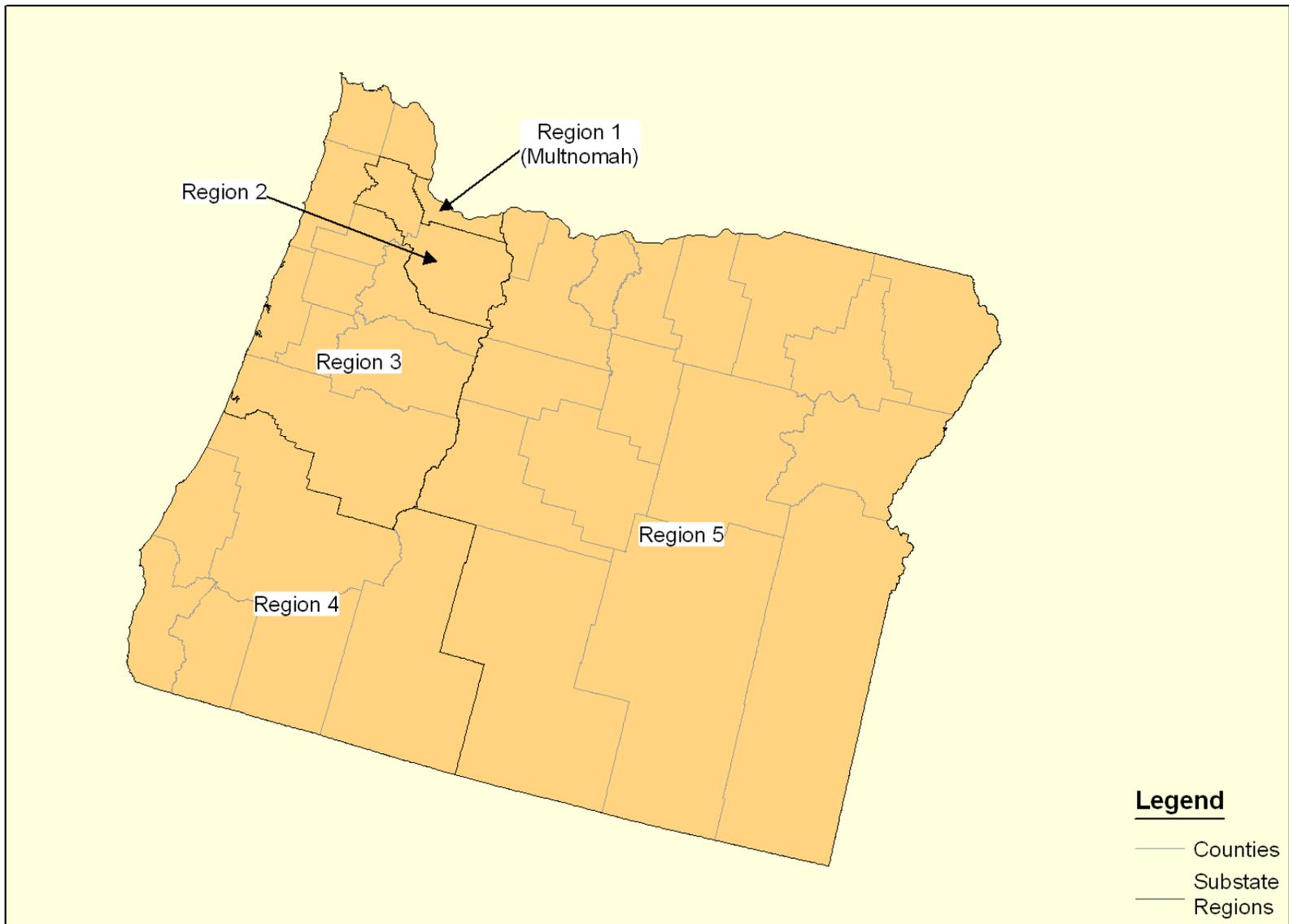
**Table D37. OKLAHOMA – Substate Regions (defined in terms of counties)**

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.

<b>Central</b>	<b>East Central</b>	<b>Northeast</b>	<b>Northwest and Southwest</b>		<b>Oklahoma County</b>	<b>Southeast</b>	<b>Tulsa County</b>
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

Note: The substate regions defined for Oklahoma in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



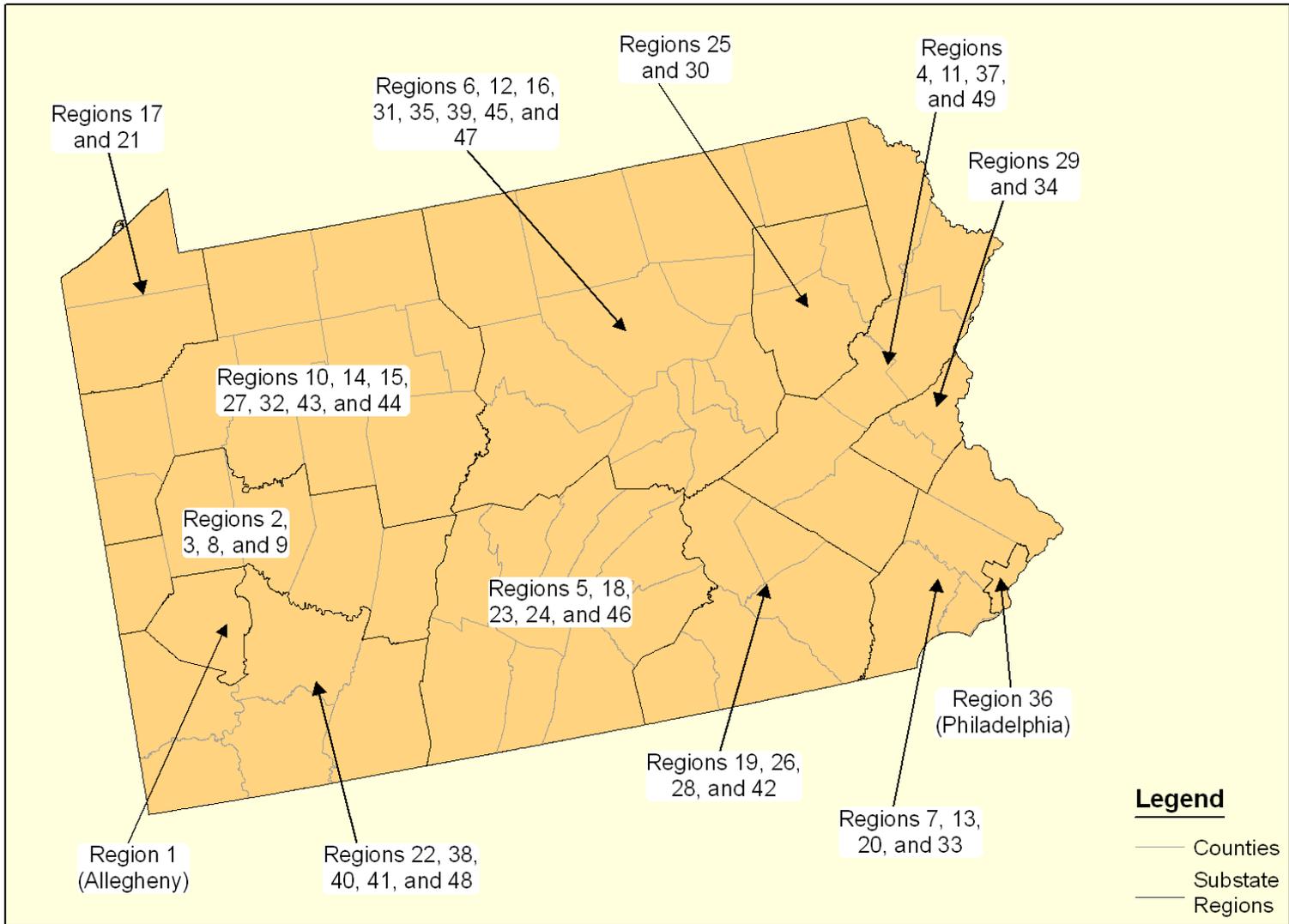
**Table D38. OREGON – Substate Regions (defined in terms of counties)**

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.

<b>Region 1 (Multnomah)</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Region 4</b>	<b>Region 5</b>
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

Note: The substate regions defined for Oregon in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



**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.

<b>Region 1 (Allegheny)</b>	<b>Regions 2, 3, 8, and 9</b>	<b>Regions 4, 11, 37, and 49</b>	<b>Regions 5, 18, 23, 24, and 46</b>	<b>Regions 6, 12, 16, 31, 35, 39, 45, and 47</b>	<b>Regions 7, 13, 20, and 33</b>	<b>Regions 10, 14, 15, 27, 32, 43, and 44</b>
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 37</u> Schuylkill  <u>Region 49</u> Wayne	<u>Region 5</u> Blair  <u>Region 18</u> Cumberland Perry  <u>Region 23</u> Franklin Fulton  <u>Region 24</u> Huntingdon Juniata Mifflin  <u>Region 46</u> Bedford	<u>Region 6</u> Bradford Sullivan  <u>Region 12</u> Centre  <u>Region 16</u> Columbia Montour Snyder Union  <u>Region 31</u> Clinton Lycoming  <u>Region 35</u> Northumberland  <u>Region 39</u> Susquehanna  <u>Region 45</u> Tioga  <u>Region 47</u> Potter	<u>Region 7</u> Bucks  <u>Region 13</u> Chester  <u>Region 20</u> Delaware  <u>Region 33</u> Montgomery	<u>Region 10</u> Cameron Elk McKean  <u>Region 14</u> Clarion  <u>Region 15</u> Clearfield Jefferson  <u>Region 27</u> Lawrence  <u>Region 32</u> Mercer  <u>Region 43</u> Forest Warren  <u>Region 44</u> Venango

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

<b>Regions 17 and 21</b>	<b>Regions 19, 26, 28, and 42</b>	<b>Regions 22, 38, 40, 41, and 48</b>	<b>Regions 25 and 30</b>	<b>Regions 29 and 34</b>	<b>Region 36 (Philadelphia)</b>
<u>Region 17</u> Crawford	<u>Region 19</u> Dauphin	<u>Region 22</u> Fayette	<u>Region 25</u> Lackawanna	<u>Region 29</u> Lehigh	Philadelphia
<u>Region 21</u> Erie	<u>Region 26</u> Lancaster	<u>Region 38</u> Somerset	<u>Region 30</u> Luzerne Wyoming	<u>Region 34</u> Northampton	
	<u>Region 28</u> Lebanon	<u>Region 40</u> Washington			
	<u>Region 42</u> Adams York	<u>Region 41</u> Westmoreland			
		<u>Region 48</u> Greene			

Note: The substate regions defined for Pennsylvania in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*; however, the names of some of the regions have changed. Table D39a shows the regions that correspond with each other across the two sets of region definitions.

**Table D39a. PENNSYLVANIA – 2002-2004 Substate Regions That Correspond with the 2004-2006 Substate Regions**

<b>2002-2004 Substate Region</b>	<b>2004-2006 Substate Region</b>
Region 1 (Allegheny)	Region 1 (Allegheny)
Regions 2, 3, 8, and 9	Regions 2, 3, 8, and 9
Regions 4, 11, 42, and 46	Regions 4, 11, 37, and 49
Regions 5, 20, 26, 28, and 40	Regions 5, 18, 23, 24, and 46
Regions 6, 12, 16, 35 39, 41, 44, and 45	Regions 6, 12, 16, 31, 35, 39, 45, and 47
Regions 7, 13, 22, and 37	Regions 7, 13, 20, and 33
Region 10, 14, 15, 25, 31, 36, and 46	Regions 10, 14, 15, 27, 32, 43, and 44
Regions 19 and 23	Regions 17 and 21
Regions 21, 30, 32, and 49	Regions 19, 26, 28, and 42
Regions 17, 24, 27, 43, and 47	Regions 22, 38, 40, 41, and 48
Regions 29 and 34	Regions 25 and 30
Regions 33 and 38	Regions 29 and 34
Region 18 (Philadelphia)	Region 36 (Philadelphia)

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

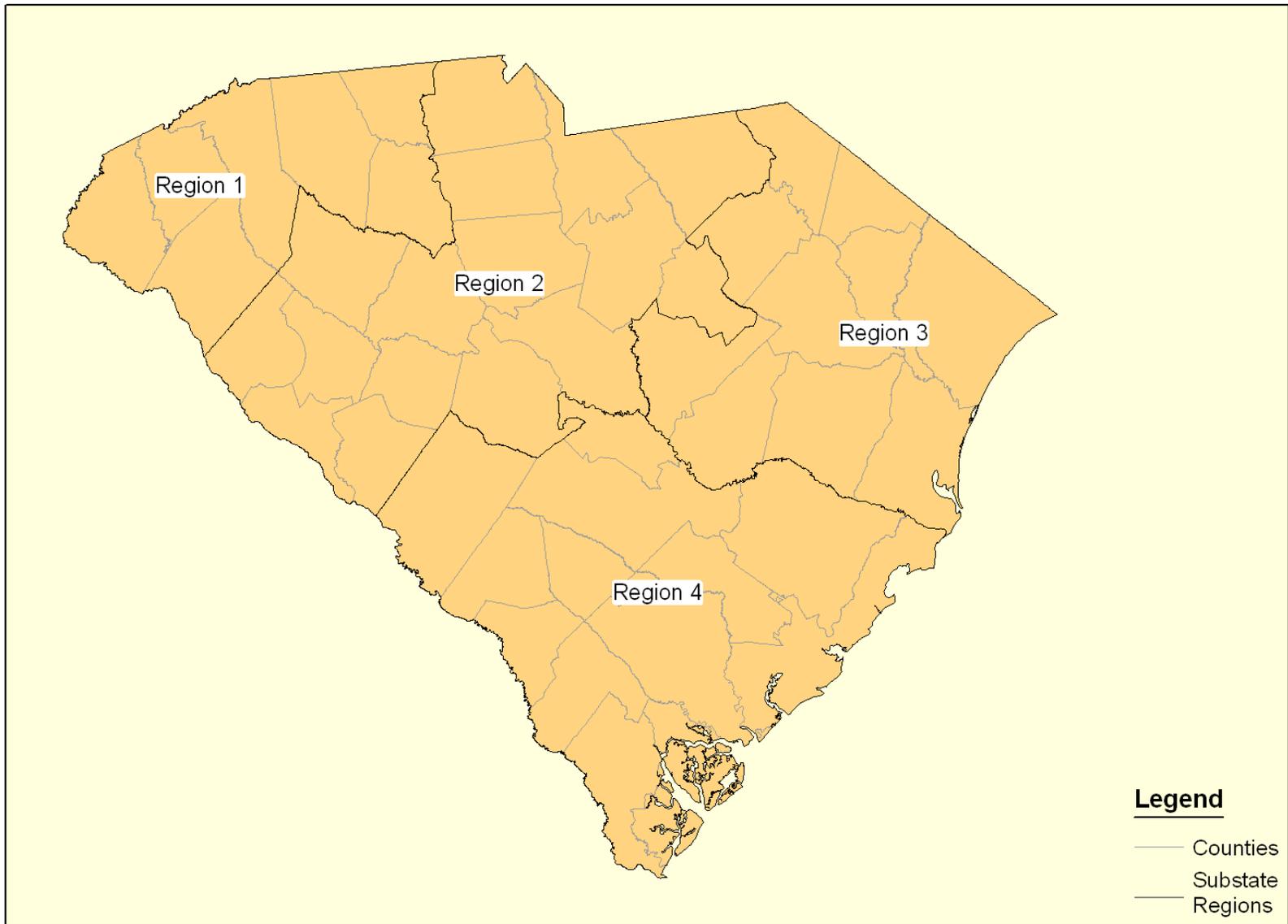


**Table D40. RHODE ISLAND – Substate Regions (defined in terms of counties)**

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

Note: The substate regions defined for Rhode Island in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



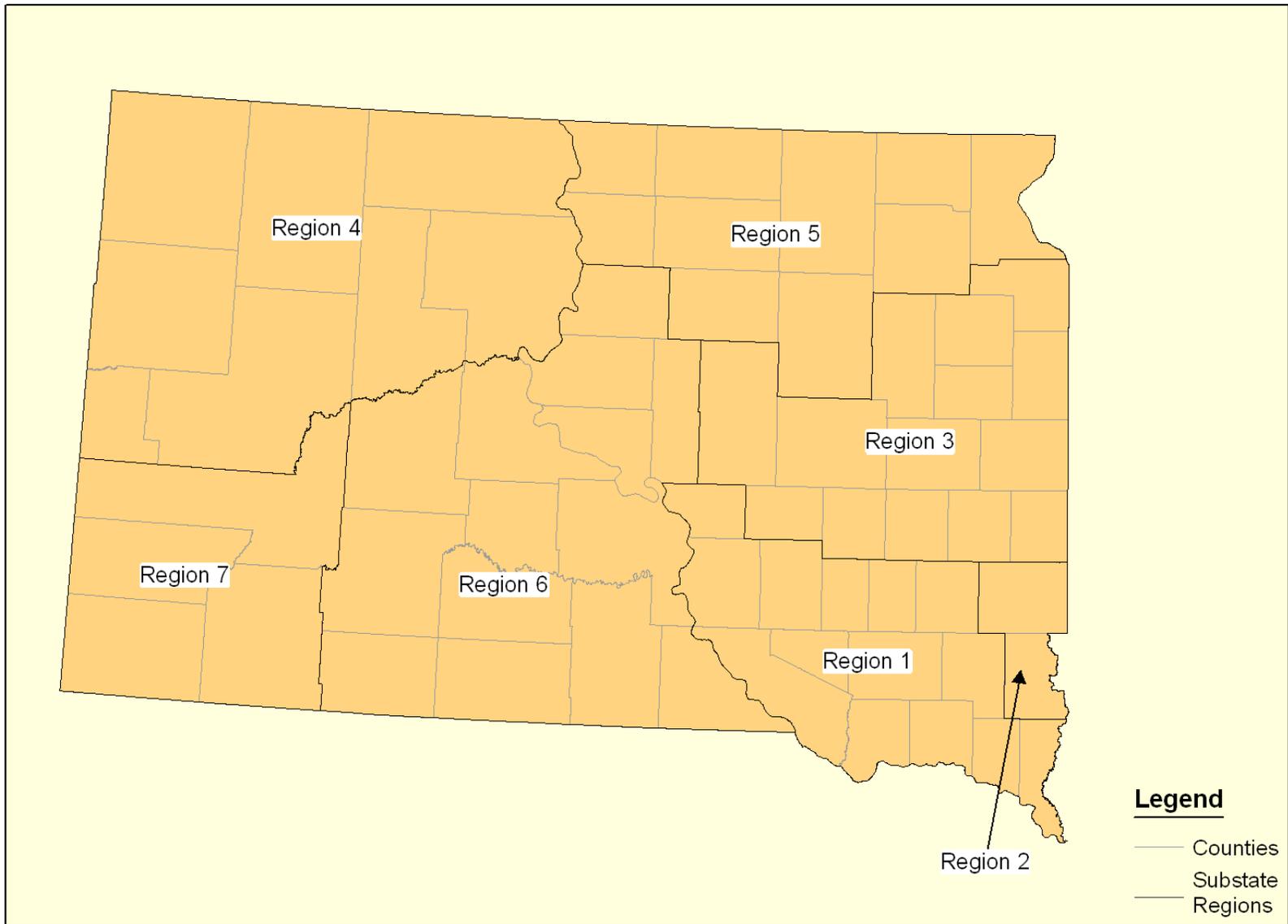
**Table D41. SOUTH CAROLINA – Substate Regions (defined in terms of counties)**

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.			
<b>Region 1</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Region 4</b>
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

Note: The substate regions defined for South Carolina in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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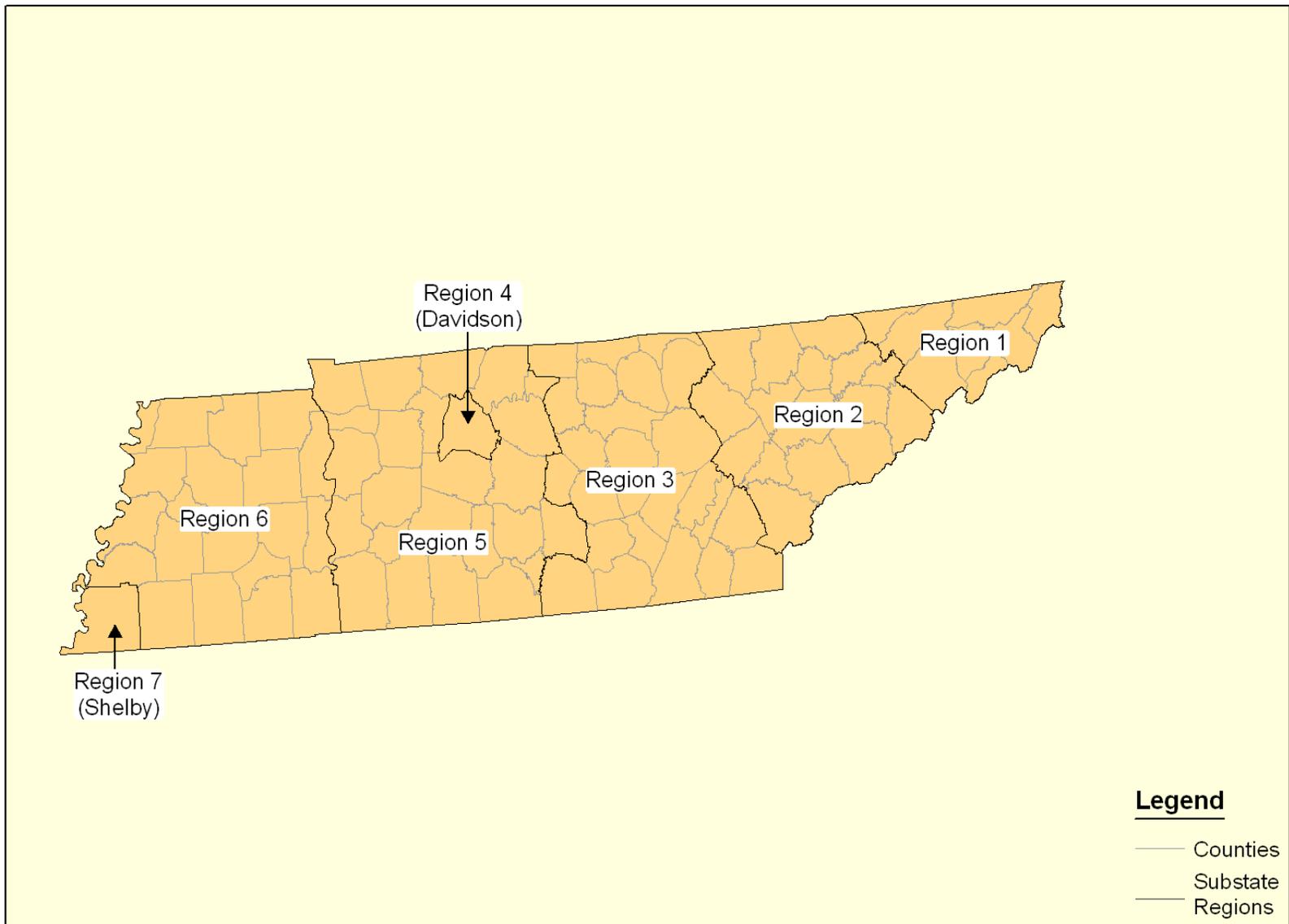
**Table D42. SOUTH DAKOTA – Substate Regions (defined in terms of counties)**

The substate regions defined here were determined 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.						
<b>Region 1</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Region 4</b>	<b>Region 5</b>	<b>Region 6</b>	<b>Region 7</b>
Aurora	Lincoln	Beadle	Butte	Brown	Bennett	Custer
Brule	Minnehaha	Brookings	Corson	Campbell	Gregory	Fall River
Bon Homme		Clark	Dewey	Day	Haakon	Pennington
Buffalo		Codington	Harding	Edmunds	Hughes	Shannon
Charles Mix		Deuel	Lawrence	Faulk	Hyde	
Clay		Grant	Meade	Marshall	Jackson	
Davison		Hamlin	Perkins	McPherson	Jones	
Douglas		Hand	Ziebach	Roberts	Lyman	
Hanson		Jerauld		Spink	Mellette	
Hutchinson		Kingsbury		Walworth	Potter	
McCook		Lake			Stanley	
Turner		Miner			Sully	
Union		Moody			Todd	
Yankton		Sanborn			Tripp	

Note: The substate regions defined for South Dakota in this table are different from the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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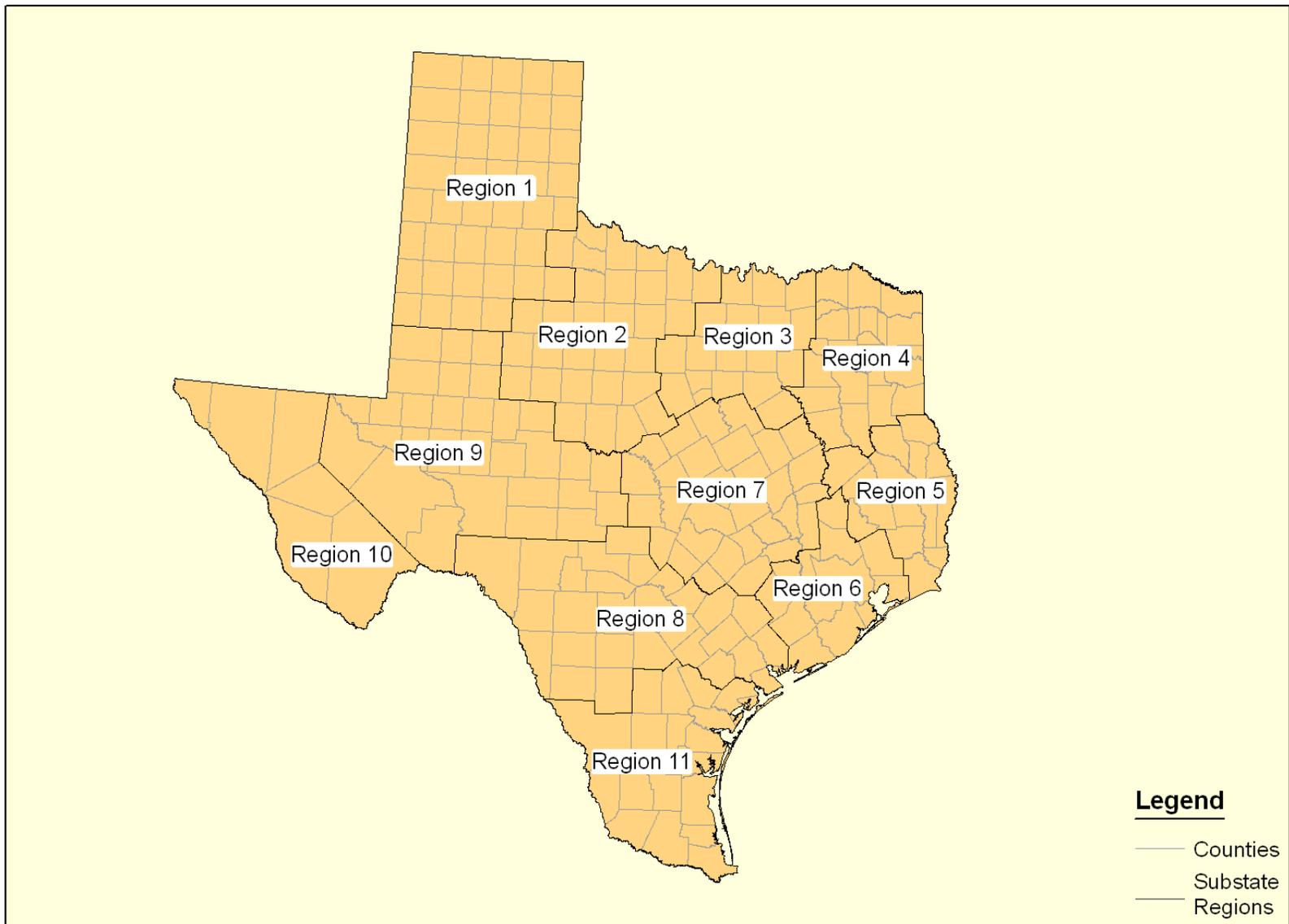


**Table D43. TENNESSEE – Substate Regions (defined in terms of counties)**

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.						
<b>Region 1</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Region 4 (Davidson)</b>	<b>Region 5</b>	<b>Region 6</b>	<b>Region 7 (Shelby)</b>
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

Note: The substate regions defined for Tennessee in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

**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				

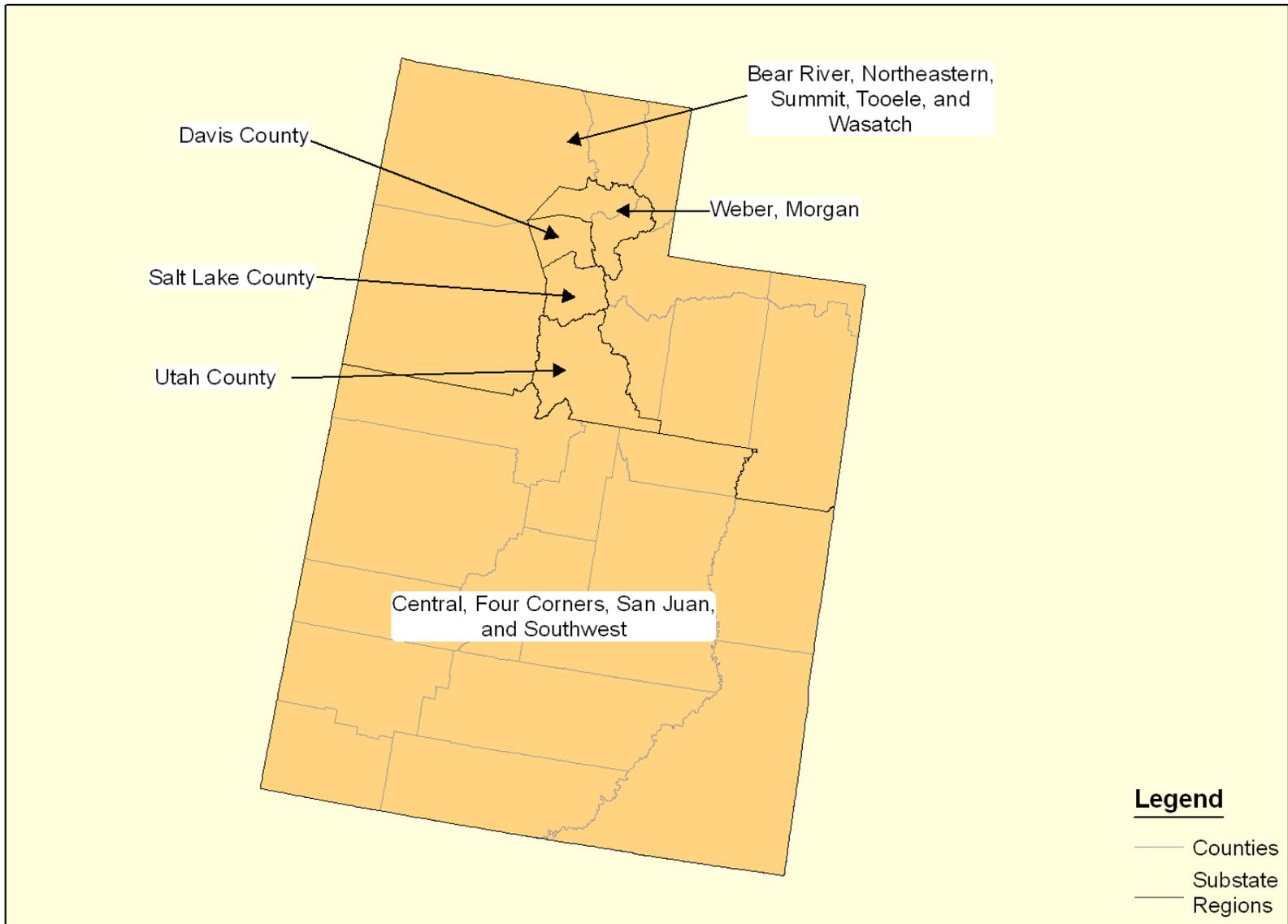
(continued)

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

Region 6		Region 7		Region 8	Region 9	Region 10	Region 11	
Region 6a	Region 6bc	Region 7a	Region 7bcd				Region 11abd	Region 11c (Hidalgo)
Austin	Brazoria	Bastrop	Bell	Atascosa	Andrews	Brewster	Aransas	Hidalgo
Chambers	Galveston	Blanco	Bosque	Bandera	Borden	Culberson	Bee	
Colorado	Matagorda	Burnet	Brazos	Bexar	Coke	El Paso	Brooks	
Fort Bend		Caldwell	Burleson	Calhoun	Concho	Hudspeth	Cameron	
Harris		Fayette	Coryell	Comal	Crane	Jeff Davis	Duval	
Liberty		Hays	Falls	De Witt	Crockett	Presidio	Jim Hogg	
Montgomery		Lee	Freestone	Dimmit	Dawson		Jim Wells	
Walker		Llano	Grimes	Edwards	Ector		Kenedy	
Waller		Travis	Hamilton	Frio	Gaines		Kleberg	
Wharton		Williamson	Hill	Gillespie	Glasscock		Live Oak	
			Lampasas	Goliad	Howard		McMullen	
			Leon	Gonzales	Irion		Nueces	
			Limestone	Guadalupe	Kimble		Refugio	
			Madison	Jackson	Loving		San Patricio	
			McLennan	Karnes	Martin		Starr	
			Milam	Kendall	Mason		Webb	
			Mills	Kerr	McCulloch		Willacy	
			Robertson	Kinney	Menard		Zapata	
			San Saba	La Salle	Midland			
			Washington	Lavaca	Pecos			
				Maverick	Reagan			
				Medina	Reeves			
				Real	Schleicher			
				Uvalde	Sterling			
				Val Verde	Sutton			
				Victoria	Terrell			
				Wilson	Tom Green			
				Zavala	Upton			
					Ward			
					Winkler			

Note: The substate regions defined for Texas in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

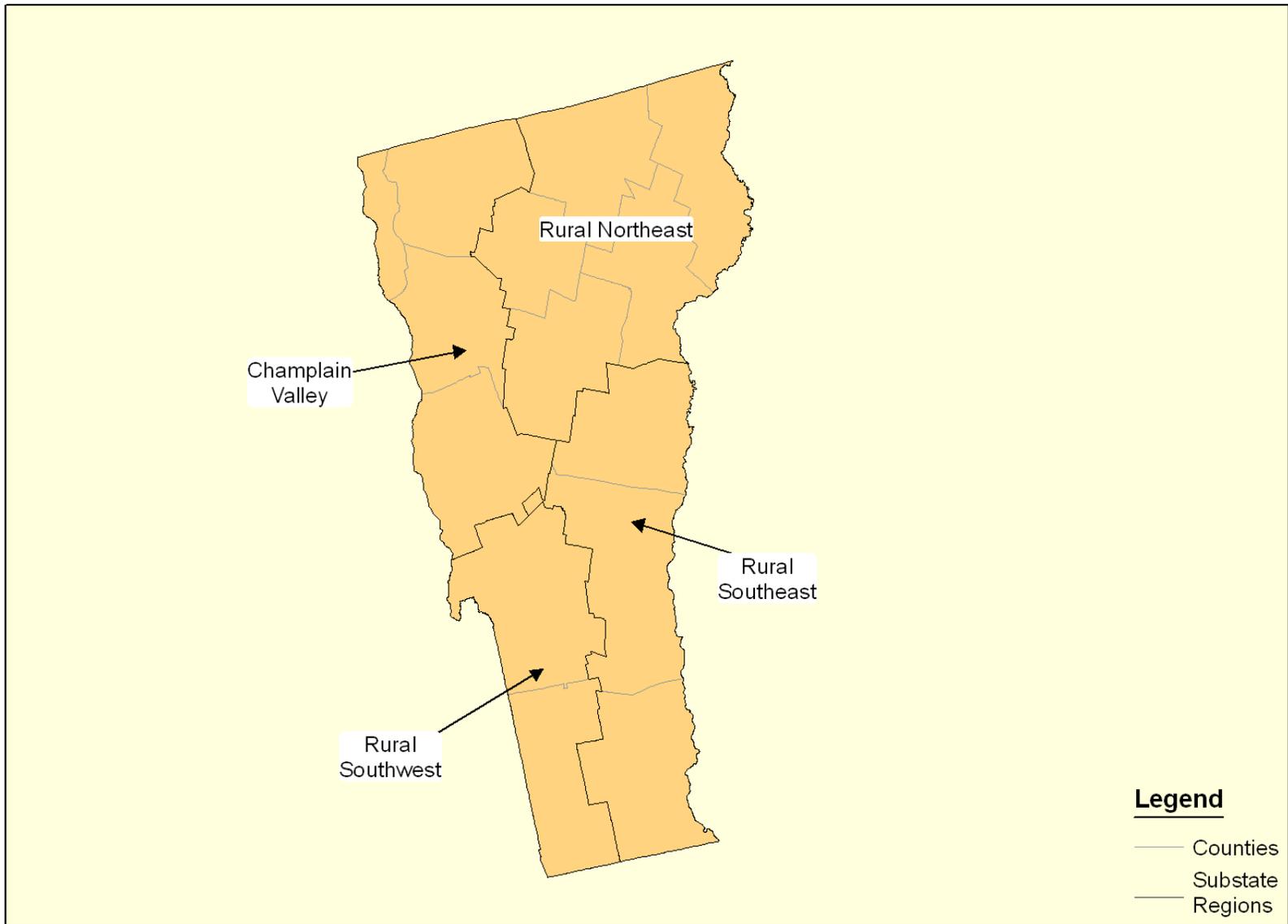


**Table D45. UTAH – Substate Regions (defined in terms of counties)**

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.							
<b>Bear River, Northeastern, Summit, Tooele, and Wasatch</b>		<b>Central, Four Corners, San Juan, and Southwest</b>		<b>Davis County</b>	<b>Salt Lake County</b>	<b>Utah County</b>	<b>Weber, Morgan</b>
<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					

Note: The substate regions defined for Utah in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



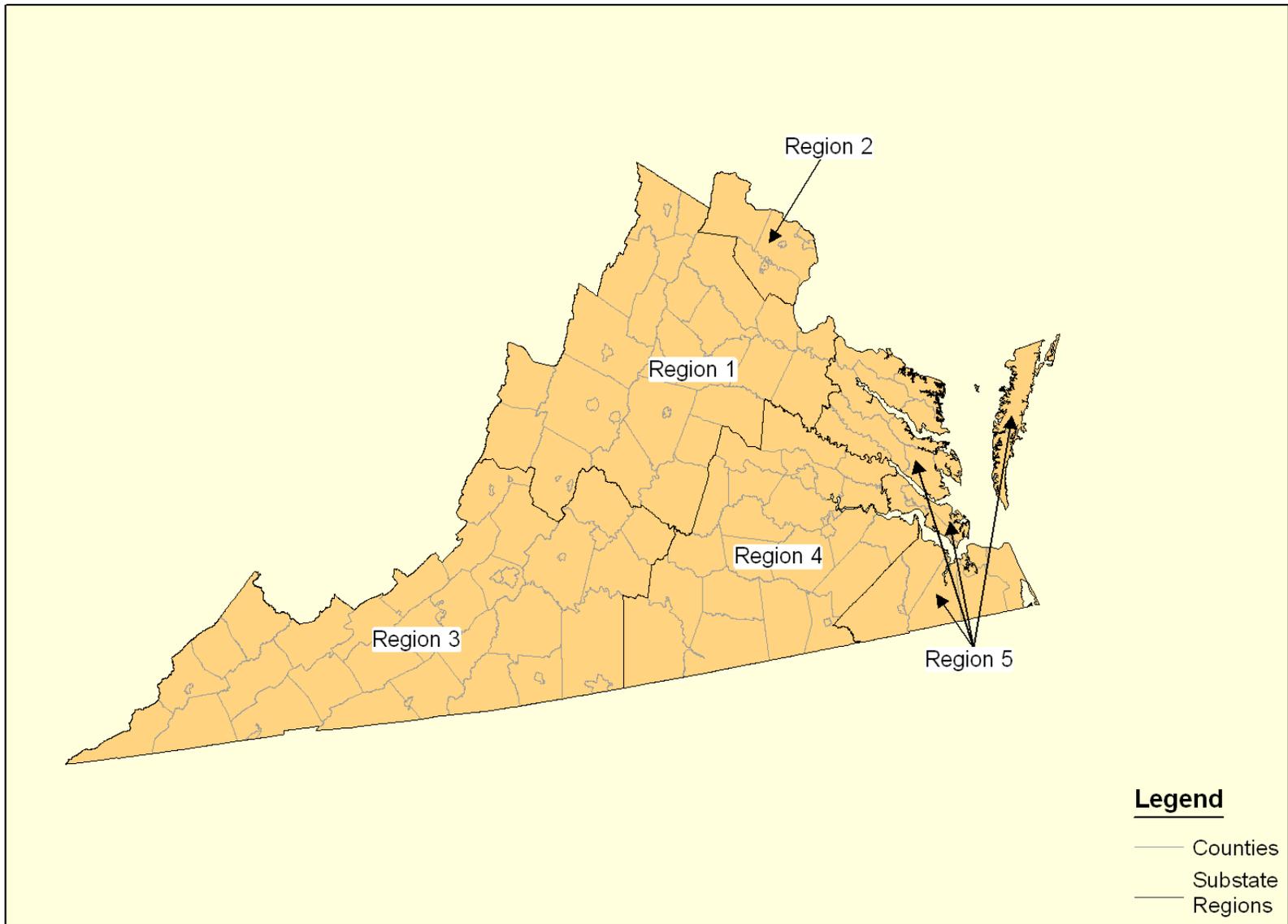
**Table D46. VERMONT – Substate Regions (defined in terms of counties)**

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

Note: The substate regions defined for Vermont in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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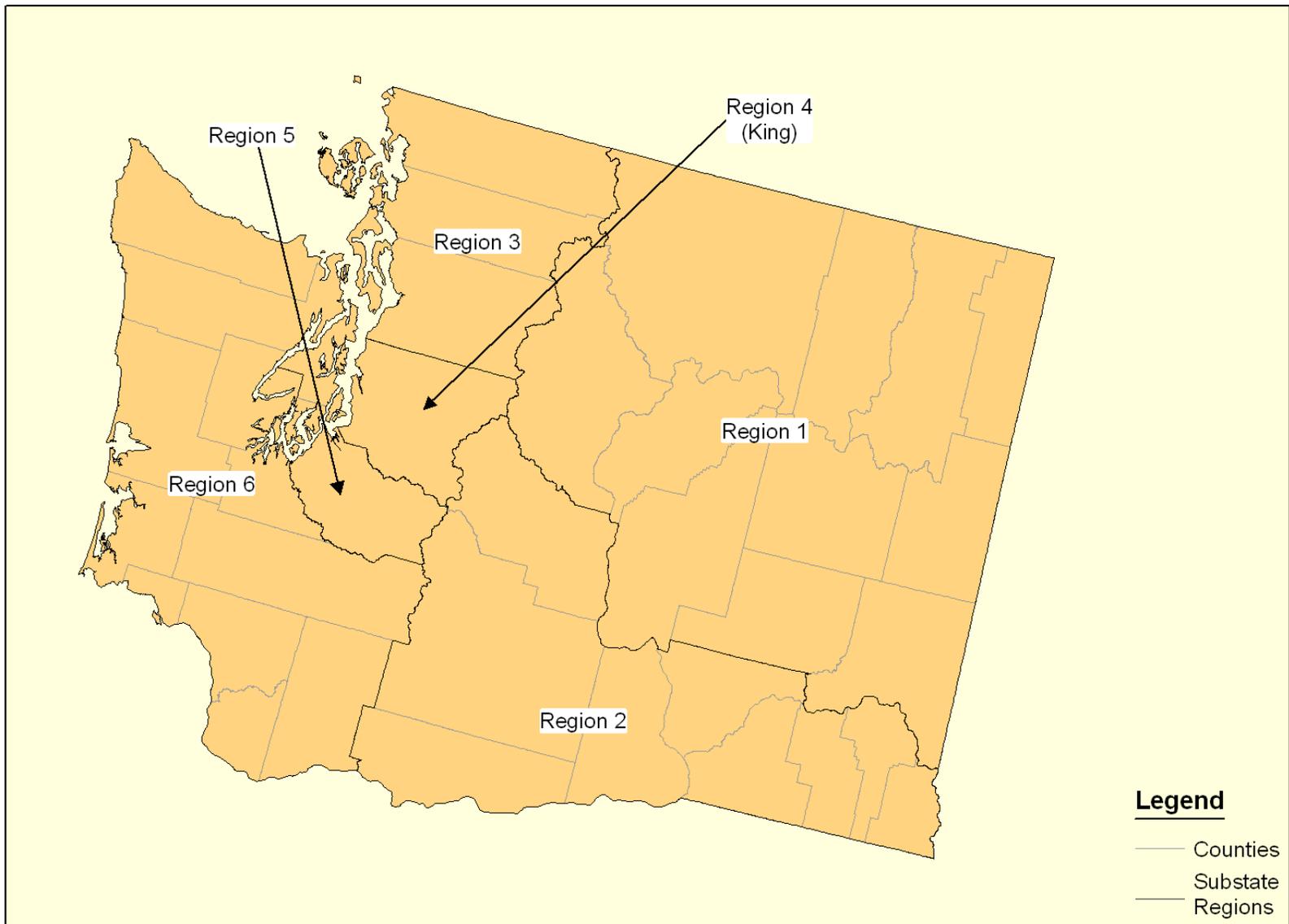


**Table D47. VIRGINIA – Substate Regions (defined in terms of counties)**

The substate regions defined here were provided by the Virginia Department of Mental Health, Mental Retardation, and Substance Abuse Services and are 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

Note: The substate regions defined for Virginia in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

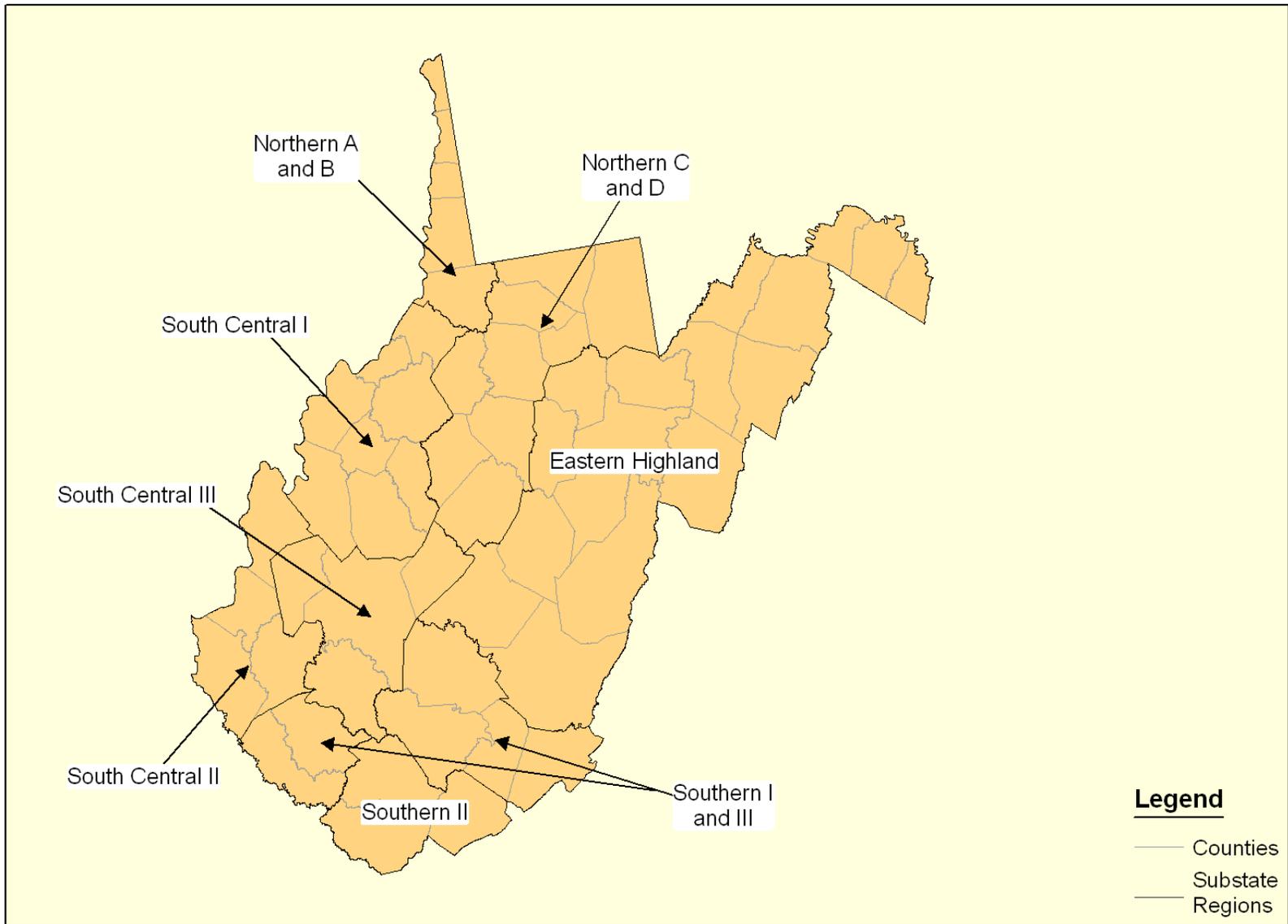


**Table D48. WASHINGTON – Substate Regions (defined in terms of counties)**

The substate regions defined here were provided by Washington's Division of Alcohol and Substance Abuse, Department of Social and Health Services, and are defined in terms of the State's 39 counties.					
<b>Region 1</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Region 4 (King)</b>	<b>Region 5</b>	<b>Region 6</b>
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

Note: The substate regions defined for Washington in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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



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

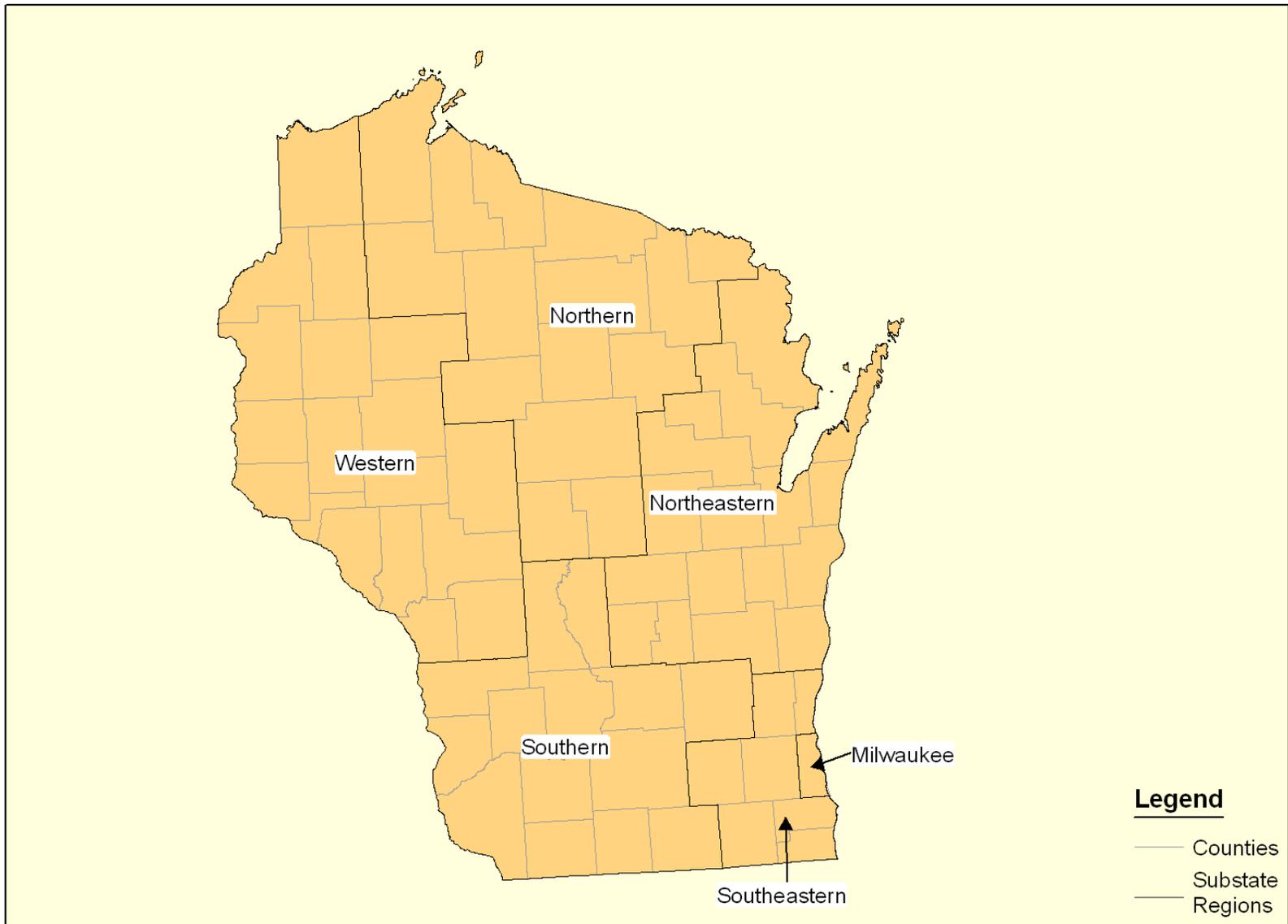
The substate regions defined here were provided by the West Virginia Department of Health and Human Services and are defined in terms of the State's 55 counties. Due to sample size constraints, certain regions were combined to form substate regions. As per the State's request, estimates for eight substate 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.

<b>Eastern Highland</b>	<b>Northern</b>		<b>South Central</b>			<b>Southern</b>	
	<b>Northern A and B</b>	<b>Northern C and D</b>	<b>South Central I</b>	<b>South Central II</b>	<b>South Central III</b>	<b>Southern I and III</b>	<b>Southern II</b>
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							

Note: The substate regions defined for West Virginia in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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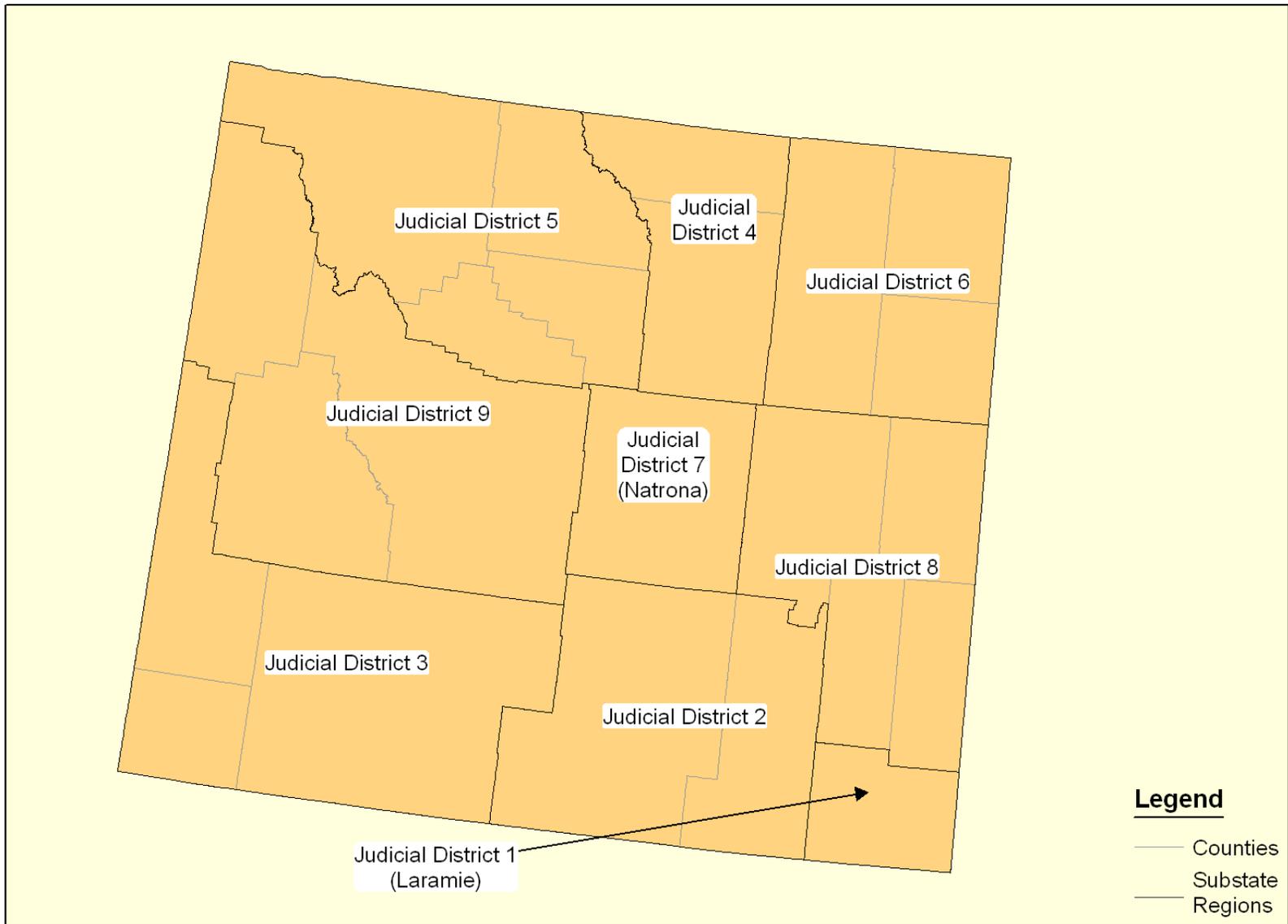
**Table D50. WISCONSIN – Substate Regions (defined in terms of counties)**

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.					
<b>Milwaukee</b>	<b>Northeastern</b>	<b>Northern</b>	<b>Southeastern</b>	<b>Southern</b>	<b>Western</b>
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 Vernon	Barron Buffalo Burnett Chippewa Clark Douglas Dunn Eau Claire Jackson La Crosse Monroe Pepin Pierce Polk Rusk St. Croix Trempealeau Washburn

Note: The substate regions defined for Wisconsin in this table are different from the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*. However, four regions, Milwaukee, Northeastern, Northern, and Southeastern, are defined consistently across the two sets of region definitions.

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

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**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.								
<b>Judicial District 1 (Laramie)</b>	<b>Judicial District 2</b>	<b>Judicial District 3</b>	<b>Judicial District 4</b>	<b>Judicial District 5</b>	<b>Judicial District 6</b>	<b>Judicial District 7 (Natrona)</b>	<b>Judicial District 8</b>	<b>Judicial District 9</b>
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

Note: The substate regions defined for Wyoming in this table are the same as the substate regions defined in Section D of the *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

# **Section E: Sample Sizes and Population Estimates**

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>Total United States</b>	527,931	440,812	401,242	90.94%	250,812	203,870	243,808,133	75.80%	68.93%
<b>Northeast</b>	115,838	97,518	85,406	86.38%	50,869	40,733	45,680,684	73.59%	63.56%
<b>Midwest</b>	142,529	121,252	110,548	91.31%	70,228	57,031	54,654,458	76.48%	69.83%
<b>South</b>	166,278	135,280	124,630	92.41%	76,079	62,466	87,799,571	76.97%	71.13%
<b>West</b>	103,286	86,762	80,658	92.10%	53,636	43,640	55,673,420	75.13%	69.19%
<b>Alabama</b>	6,557	5,174	4,763	92.07%	3,303	2,706	3,787,629	75.17%	69.21%
Region 1	1,709	1,405	1,294	92.03%	854	696	1,059,503	78.14%	71.91%
Region 2	2,091	1,695	1,558	91.77%	1,055	846	1,209,893	72.15%	66.21%
Region 3	1,208	885	805	91.05%	591	508	678,700	79.14%	72.06%
Region 4	1,549	1,189	1,106	93.26%	803	656	839,533	73.15%	68.22%
<b>Alaska</b>	6,395	4,938	4,513	91.33%	3,346	2,725	521,060	76.90%	70.23%
Gulf Coast	825	522	468	88.85%	336	270	62,305	73.70%	65.48%
Rural	747	434	407	94.36%	337	288	56,699	76.31%	72.01%
Southeast	699	549	522	95.50%	366	316	60,656	83.79%	80.02%
Urban	4,124	3,433	3,116	90.70%	2,307	1,851	341,400	76.44%	69.33%
<b>Arizona</b>	6,471	5,228	4,931	94.27%	3,336	2,691	4,814,938	76.62%	72.23%
Maricopa	3,805	3,192	3,018	94.54%	2,123	1,666	2,896,580	73.89%	69.85%
Pima	1,104	902	837	92.52%	518	400	780,965	74.73%	69.14%
Rural North	895	684	643	94.15%	405	367	563,261	87.07%	81.98%
Rural South	667	450	433	96.20%	290	258	574,132	88.01%	84.67%
<b>Arkansas</b>	6,941	5,691	5,379	94.47%	3,144	2,613	2,290,527	79.30%	74.91%
Areas 1 and 2	1,068	910	852	93.57%	504	414	417,031	81.51%	76.27%
Areas 3 and 4	1,284	980	940	95.77%	531	438	405,549	77.28%	74.02%
Areas 5 and 6	1,118	932	879	94.33%	553	469	397,209	78.53%	74.08%
Areas 7, 12, and 13	823	674	633	94.01%	385	332	302,659	82.58%	77.63%
Areas 8, 10, and 11	1,173	922	878	95.11%	523	452	341,808	81.39%	77.41%
Area 9	1,475	1,273	1,197	93.98%	648	508	426,272	76.66%	72.05%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>California</b>	23,822	21,217	19,159	90.19%	14,017	11,081	29,289,186	73.43%	66.23%
Region 1	863	664	610	91.87%	359	300	786,192	79.21%	72.77%
Region 2	2,323	2,068	1,886	91.09%	1,316	1,074	2,629,953	76.30%	69.50%
Region 3	815	676	646	95.53%	506	421	1,156,731	72.58%	69.33%
Region 4	1,436	1,275	1,109	87.17%	668	488	1,591,719	67.53%	58.87%
Region 5	1,771	1,637	1,468	89.60%	1,053	813	2,077,902	72.96%	65.37%
Region 6 (Santa Clara)	1,313	1,147	1,033	89.90%	673	521	1,492,444	72.08%	64.80%
Region 7	578	483	444	91.91%	321	256	630,238	71.04%	65.29%
Region 8	877	778	734	94.31%	580	501	1,233,060	82.47%	77.78%
Region 9	631	552	515	93.20%	389	340	785,093	81.79%	76.22%
Region 10	769	693	636	91.74%	467	377	994,558	74.34%	68.20%
Region 11 (Los Angeles)	6,230	5,779	5,211	90.14%	4,015	3,071	8,095,886	70.63%	63.67%
Region 12	1,354	1,092	1,020	93.40%	808	654	1,454,179	77.49%	72.37%
Region 13 (Riverside)	994	875	808	92.42%	687	565	1,331,665	80.25%	74.17%
Region 14 (Orange)	1,802	1,668	1,452	86.88%	1,027	768	2,464,952	67.05%	58.26%
Region 15	2,066	1,830	1,587	85.92%	1,148	932	2,564,616	77.31%	66.43%
<b>Colorado</b>	7,048	5,843	5,445	93.21%	3,346	2,728	3,832,563	77.32%	72.07%
Region 1	850	727	690	94.94%	418	361	487,036	81.13%	77.02%
Regions 2 and 7	3,938	3,339	3,075	92.11%	1,903	1,500	2,150,359	74.89%	68.98%
Region 3	890	699	650	93.00%	415	358	548,983	79.25%	73.70%
Region 4	667	506	489	96.66%	292	254	224,795	83.47%	80.68%
Regions 5 and 6	703	572	541	94.57%	318	255	421,390	78.93%	74.64%
<b>Connecticut</b>	7,442	6,463	5,846	90.35%	3,432	2,766	2,914,818	75.61%	68.31%
Eastern	874	730	680	93.24%	369	291	345,723	72.19%	67.31%
North Central	2,091	1,830	1,635	89.45%	968	811	818,149	79.06%	70.72%
Northwestern	1,267	1,093	993	90.49%	625	500	502,393	74.99%	67.85%
South Central	1,907	1,669	1,505	90.05%	824	648	687,382	74.80%	67.36%
Southwest	1,303	1,141	1,033	90.24%	646	516	561,171	74.26%	67.02%
<b>Delaware</b>	7,139	5,878	5,334	90.83%	3,413	2,771	698,420	77.03%	69.96%
Kent	1,292	1,135	1,044	92.00%	676	556	110,228	76.79%	70.64%
New Castle (excluding Wilmington City)	3,458	3,127	2,799	89.64%	1,845	1,463	370,962	75.04%	67.26%
Sussex	1,863	1,192	1,127	94.49%	635	517	150,517	78.77%	74.43%
Wilmington City	526	424	364	85.92%	257	235	66,713	88.87%	76.36%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>District of Columbia</b>	10,587	8,839	7,632	86.38%	3,195	2,634	473,817	78.01%	67.38%
Ward 1	1,430	1,103	957	86.82%	328	254	58,445	73.05%	63.42%
Ward 2	1,764	1,432	1,262	87.98%	472	384	67,522	74.39%	65.45%
Ward 3	1,458	1,261	1,093	86.52%	389	321	72,621	77.60%	67.14%
Ward 4	1,032	932	804	86.33%	351	277	61,705	74.26%	64.11%
Ward 5	1,417	1,239	1,056	85.16%	462	377	55,586	78.41%	66.78%
Ward 6	891	740	627	84.89%	270	208	57,222	72.71%	61.72%
Ward 7	1,348	1,139	980	86.24%	449	390	52,807	85.67%	73.89%
Ward 8	1,247	993	853	86.11%	474	423	47,910	86.56%	74.53%
<b>Florida</b>	31,625	25,119	22,706	90.31%	13,759	11,002	14,819,727	73.05%	65.98%
Region A	2,423	1,891	1,753	92.50%	1,069	884	1,126,708	77.05%	71.27%
Circuit 1	1,186	875	803	91.68%	444	367	562,323	78.02%	71.53%
Circuit 2	669	546	517	94.88%	367	315	328,926	80.03%	75.93%
Circuit 14	568	470	433	91.41%	258	202	235,459	72.11%	65.91%
Region B	4,142	3,287	3,001	91.36%	1,828	1,446	1,963,750	72.31%	66.06%
Circuits 3 and 8	996	766	719	93.81%	433	343	465,218	72.66%	68.17%
Circuit 4	1,711	1,490	1,352	90.87%	856	666	863,793	69.32%	62.99%
Circuit 7	1,435	1,031	930	90.32%	539	437	634,739	76.10%	68.73%
Region C	7,448	5,800	5,258	90.74%	3,254	2,597	3,524,048	72.67%	65.95%
Circuit 5	1,492	1,230	1,081	88.29%	616	501	743,272	75.25%	66.44%
Circuit 9	2,086	1,601	1,452	90.56%	1,050	849	1,020,525	73.19%	66.28%
Circuit 10	1,293	830	755	91.06%	451	348	552,762	69.55%	63.34%
Circuit 18	1,598	1,374	1,254	91.50%	731	586	759,486	75.55%	69.13%
Circuit 19	979	765	716	93.76%	406	313	448,004	65.79%	61.69%
Region D	9,610	8,025	7,254	90.04%	4,546	3,658	4,676,996	72.54%	65.32%
Circuits 11 and 16	3,978	3,311	2,974	89.33%	1,998	1,606	2,147,968	71.42%	63.80%
Circuit 15 (Palm Beach)	2,254	1,849	1,701	92.00%	998	823	1,058,003	74.96%	68.96%
Circuit 17 (Broward)	3,378	2,865	2,579	89.59%	1,550	1,229	1,471,026	72.34%	64.81%
Region E	8,002	6,116	5,440	89.05%	3,062	2,417	3,528,225	73.34%	65.31%
Circuit 6	2,485	2,022	1,778	87.71%	918	734	1,139,644	71.93%	63.09%
Circuit 12	1,346	973	874	89.85%	444	356	597,380	76.63%	68.85%
Circuit 13 (Hillsborough)	1,956	1,641	1,496	91.15%	930	729	911,638	76.72%	69.93%
Circuit 20	2,215	1,480	1,292	87.90%	770	598	879,563	69.96%	61.49%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>Georgia</b>	6,746	5,431	5,004	92.17%	3,308	2,735	7,322,119	77.24%	71.20%
Region 1	853	732	675	92.14%	493	420	977,260	76.24%	70.25%
Region 2	1,025	837	770	92.02%	531	450	1,206,549	76.24%	70.15%
Region 3	2,868	2,364	2,149	90.94%	1,425	1,132	3,152,503	74.69%	67.93%
Region 4	1,074	781	728	93.47%	472	407	970,080	84.93%	79.38%
Region 5	926	717	682	95.15%	387	326	1,015,727	79.68%	75.82%
<b>Hawaii</b>	6,762	5,639	5,155	91.35%	3,412	2,687	1,035,020	72.56%	66.29%
Hawaii Island	970	769	715	93.50%	447	368	131,129	78.77%	73.65%
Honolulu	4,642	3,953	3,597	90.89%	2,425	1,889	738,738	70.72%	64.27%
Kauai and Maui	1,150	917	843	91.60%	540	430	165,152	75.84%	69.47%
Kauai	353	253	231	91.24%	126	94	51,231	76.45%	69.75%
Maui	797	664	612	91.73%	414	336	113,921	75.66%	69.40%
<b>Idaho</b>	6,303	5,332	5,030	94.36%	3,251	2,718	1,159,180	80.26%	75.73%
Region 1	1,028	828	779	94.11%	438	350	166,076	76.87%	72.34%
Region 2	488	406	394	97.09%	228	202	88,817	85.18%	82.69%
Region 3	968	873	839	96.13%	551	476	174,603	84.99%	81.71%
Region 4	1,629	1,424	1,331	93.69%	809	665	320,817	75.80%	71.01%
Region 5	701	540	498	92.36%	354	306	142,063	83.17%	76.81%
Region 6	627	538	513	95.30%	345	295	128,878	84.53%	80.55%
Region 7	862	723	676	93.09%	526	424	137,926	78.19%	72.79%
<b>Illinois</b>	27,583	24,253	20,208	83.30%	13,854	10,748	10,455,721	71.80%	59.81%
Region I (Cook)	11,108	9,742	7,462	76.61%	5,562	4,141	4,448,341	68.06%	52.14%
Region II	7,978	7,242	6,180	85.13%	4,351	3,402	3,084,192	74.07%	63.05%
Region III	3,388	2,915	2,663	91.50%	1,581	1,324	1,184,849	78.97%	72.26%
Region IV	2,277	1,900	1,723	90.84%	1,005	781	759,509	71.57%	65.01%
Region V	2,832	2,454	2,180	88.87%	1,355	1,100	978,830	73.72%	65.51%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>Indiana</b>	6,803	5,728	5,362	93.60%	3,399	2,761	5,174,941	76.83%	71.91%
Central	1,642	1,418	1,307	92.18%	794	644	1,279,831	76.03%	70.08%
East	655	555	519	93.55%	319	255	461,994	74.44%	69.63%
North Central	800	686	632	92.13%	403	330	768,546	78.89%	72.68%
Northeast	710	569	540	94.75%	372	309	519,312	80.55%	76.32%
Northwest	867	762	717	94.12%	495	405	598,463	78.34%	73.73%
Southeast	717	597	569	95.36%	338	279	552,472	77.95%	74.33%
Southwest	638	536	510	95.19%	279	210	411,422	68.74%	65.43%
West	774	605	568	93.76%	399	329	582,902	77.74%	72.89%
<b>Iowa</b>	6,288	5,453	5,102	93.73%	3,218	2,706	2,506,305	79.91%	74.90%
Central	978	869	797	91.83%	513	417	422,084	77.17%	70.87%
North Central	682	587	539	92.00%	359	311	289,418	83.81%	77.11%
Northeast	1,537	1,341	1,267	94.75%	810	704	608,126	81.97%	77.67%
Northwest	1,091	934	883	94.67%	487	403	413,081	81.54%	77.19%
Southeast	1,262	1,078	1,000	92.69%	655	528	533,270	76.14%	70.57%
Southwest	738	644	616	95.82%	394	343	240,325	80.73%	77.35%
<b>Kansas</b>	6,879	5,859	5,501	93.79%	3,255	2,666	2,248,134	78.90%	74.00%
Kansas City Metro	2,272	2,002	1,836	91.61%	1,161	904	710,618	74.70%	68.44%
Northeast	1,279	1,096	1,038	94.33%	570	479	434,925	78.43%	73.99%
South Central	1,090	940	894	95.28%	496	413	298,293	81.58%	77.72%
Southeast	445	353	334	94.51%	162	140	164,394	86.18%	81.45%
West	690	561	539	96.04%	344	281	265,114	76.66%	73.63%
Wichita (Sedgwick)	1,103	907	860	94.70%	522	449	374,790	84.65%	80.16%
<b>Kentucky</b>	7,216	6,190	5,828	94.14%	3,371	2,741	3,481,222	74.02%	69.68%
Adanta, Cumberland River, and Lifeskills	1,056	902	856	94.83%	487	397	595,049	72.66%	68.90%
Bluegrass, Comprehend, and North Key	1,974	1,690	1,572	93.01%	916	747	994,517	73.14%	68.03%
Communicare and River Valley	810	713	665	93.33%	374	292	381,973	71.24%	66.48%
Four Rivers and Pennyroyal	675	583	547	93.62%	322	264	345,446	80.24%	75.12%
Kentucky River, Mountain, and Pathways	1,156	953	914	96.03%	528	436	415,069	71.37%	68.54%
Seven Counties	1,545	1,349	1,274	94.42%	744	605	749,167	76.53%	72.26%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>Louisiana</b>	6,817	5,144	4,858	94.46%	3,185	2,642	3,602,443	77.01%	72.75%
Region 1	879	376	349	92.58%	209	180	449,012	80.04%	74.10%
Regions 2 and 9	1,778	1,395	1,302	93.43%	867	727	870,212	78.97%	73.78%
Region 3	548	477	451	94.77%	346	271	304,865	75.33%	71.39%
Region 4	853	675	653	96.70%	417	334	443,402	69.21%	66.93%
Regions 5 and 6	821	650	613	94.31%	411	347	467,677	78.91%	74.42%
Regions 7 and 8	1,327	1,039	993	95.59%	631	555	701,029	83.34%	79.66%
Region 10 (Jefferson)	611	532	497	93.49%	304	228	366,247	67.69%	63.29%
<b>Maine</b>	8,769	6,515	6,024	92.44%	3,192	2,690	1,136,128	80.67%	74.58%
Aroostook/Downeast	1,120	767	712	92.78%	316	256	137,643	78.44%	72.78%
Central	1,226	945	873	92.46%	439	366	147,949	79.20%	73.23%
Cumberland	1,646	1,274	1,171	91.81%	677	572	239,345	82.45%	75.69%
Midcoast	1,250	789	722	91.44%	340	300	131,766	84.53%	77.29%
Penquis	1,012	795	748	94.03%	432	368	142,007	81.32%	76.46%
Western	1,241	959	904	94.24%	466	395	165,180	80.13%	75.52%
York	1,274	986	894	90.73%	522	433	172,238	78.58%	71.30%
<b>Maryland</b>	6,763	5,904	5,105	86.38%	3,349	2,769	4,605,083	78.26%	67.60%
Anne Arundel	612	515	423	82.05%	265	220	428,334	78.39%	64.32%
Baltimore City	783	627	569	90.84%	346	314	518,250	89.74%	81.52%
Baltimore County	1,041	932	767	82.23%	499	404	661,260	72.95%	59.99%
Montgomery	1,025	945	814	86.42%	530	435	779,708	74.92%	64.75%
North Central	447	405	369	90.97%	270	205	354,856	74.89%	68.13%
Northeast	567	499	449	90.18%	274	215	375,554	73.50%	66.28%
Prince George's	986	865	732	84.87%	535	444	691,561	78.60%	66.71%
South	695	595	538	89.49%	359	304	416,114	81.76%	73.17%
West	607	521	444	85.12%	271	228	379,446	85.25%	72.57%
<b>Massachusetts</b>	7,361	6,389	5,639	88.31%	3,443	2,747	5,388,265	75.68%	66.83%
Boston	883	723	634	87.47%	456	389	654,074	83.30%	72.87%
Central	766	677	602	89.08%	409	319	677,817	73.83%	65.77%
Metrowest	1,781	1,621	1,393	86.08%	805	615	1,251,512	69.97%	60.23%
Northeast	1,443	1,296	1,166	90.03%	674	554	1,053,124	79.76%	71.81%
Southeast	1,552	1,241	1,104	88.93%	617	476	1,061,459	74.03%	65.83%
Western	936	831	740	89.04%	482	394	690,279	78.39%	69.80%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>Michigan</b>	27,385	22,872	20,633	90.22%	13,456	10,950	8,379,354	76.17%	68.72%
Bay	1,086	873	810	92.84%	505	418	300,663	79.79%	74.07%
Detroit City	2,137	1,700	1,481	87.21%	1,029	897	725,292	82.81%	72.21%
Genesee	1,270	1,071	978	91.45%	634	529	356,566	74.11%	67.77%
Kalamazoo	1,804	1,539	1,408	91.49%	938	758	566,546	75.39%	68.97%
Kent	1,530	1,324	1,225	92.58%	833	656	488,548	70.52%	65.28%
Lakeshore	1,688	1,456	1,374	94.28%	938	797	577,828	79.22%	74.70%
Macomb	2,063	1,845	1,671	90.65%	1,100	848	680,737	72.36%	65.59%
Mid South	2,494	2,103	1,924	91.42%	1,276	1,059	765,682	81.28%	74.31%
Northern	2,894	1,958	1,724	87.95%	1,045	865	745,640	80.27%	70.60%
Oakland	3,330	2,940	2,636	89.53%	1,608	1,297	1,020,201	74.16%	66.39%
Pathways	572	383	360	94.03%	222	190	177,012	84.63%	79.58%
Saginaw	474	412	379	91.98%	227	187	171,481	83.53%	76.83%
Southeast	3,317	3,044	2,647	87.16%	1,811	1,385	1,018,262	68.72%	59.90%
St. Clair	674	522	485	92.64%	307	247	256,568	76.62%	70.98%
Washtenaw	1,532	1,332	1,184	88.92%	757	620	431,879	77.53%	68.94%
Western	520	370	347	93.95%	226	197	96,449	80.96%	76.06%
<b>Minnesota</b>	6,142	5,276	4,884	92.64%	3,186	2,683	4,305,109	81.93%	75.90%
Regions 1 and 2	840	625	574	91.90%	330	276	448,368	81.88%	75.24%
Regions 3 and 4	1,144	905	860	95.03%	585	494	701,592	82.57%	78.47%
Regions 5 and 6	1,208	1,053	1,006	95.67%	632	524	834,680	78.44%	75.04%
Region 7A (Hennepin)	1,164	1,063	973	91.58%	627	531	983,251	82.52%	75.58%
Region 7B (Ramsey)	511	453	408	89.97%	278	242	439,554	79.18%	71.23%
Region 7C	1,275	1,177	1,063	90.47%	734	616	897,664	84.90%	76.81%
<b>Mississippi</b>	6,691	5,124	4,893	95.52%	3,245	2,731	2,376,379	78.45%	74.94%
Region 1	1,483	1,074	1,032	96.04%	562	454	501,881	73.41%	70.51%
Region 2	1,018	738	710	96.32%	508	421	339,904	78.88%	75.98%
Region 3	832	662	634	96.13%	438	376	349,607	83.08%	79.87%
Region 4	999	861	815	94.58%	567	474	413,870	78.22%	73.98%
Region 5	587	425	405	95.43%	282	248	155,315	81.67%	77.94%
Region 6	634	520	504	96.95%	331	288	234,305	81.45%	78.97%
Region 7	1,138	844	793	93.81%	557	470	381,499	77.72%	72.91%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>Missouri</b>	6,574	5,489	5,181	94.40%	3,310	2,705	4,799,768	77.06%	72.74%
Central	965	762	730	95.92%	481	416	650,775	80.61%	77.32%
Eastern	2,276	1,929	1,818	94.24%	1,185	934	1,678,374	73.25%	69.03%
Eastern (St. Louis City and County)	1,451	1,264	1,180	93.35%	776	621	1,115,023	74.28%	69.34%
Eastern (excluding St. Louis)	825	665	638	95.92%	409	313	563,351	71.50%	68.58%
Northwest	1,537	1,296	1,213	93.51%	711	563	1,157,884	77.61%	72.57%
Northwest (Jackson)	760	623	581	93.21%	364	305	546,185	81.62%	76.08%
Northwest (excluding Jackson)	777	673	632	93.77%	347	258	611,699	73.27%	68.71%
Southeast	806	667	640	96.00%	396	331	581,315	77.19%	74.10%
Southwest	990	835	780	93.52%	537	461	731,421	81.52%	76.24%
<b>Montana</b>	7,556	6,019	5,675	94.29%	3,285	2,730	793,832	78.95%	74.44%
Region 1	725	508	488	96.00%	276	228	66,259	79.25%	76.07%
Region 2	970	788	746	94.59%	429	367	119,914	83.15%	78.65%
Region 3	1,438	1,224	1,151	94.09%	664	562	162,371	80.71%	75.94%
Region 4	2,117	1,679	1,601	95.42%	954	800	203,642	80.40%	76.72%
Region 5	2,306	1,820	1,689	92.78%	962	773	241,646	74.44%	69.07%
<b>Nebraska</b>	6,788	5,855	5,515	94.19%	3,295	2,722	1,446,804	78.81%	74.23%
Regions 1 and 2	723	585	547	93.52%	291	237	162,812	80.59%	75.37%
Region 3	851	745	701	94.13%	384	299	187,737	74.56%	70.19%
Region 4	897	767	719	93.78%	461	378	180,283	77.21%	72.40%
Region 5	1,816	1,529	1,421	92.74%	861	711	357,206	77.96%	72.30%
Region 6	2,501	2,229	2,127	95.52%	1,298	1,097	558,765	80.81%	77.19%
<b>Nevada</b>	6,445	5,410	5,105	94.08%	3,264	2,681	1,972,970	76.15%	71.64%
Clark	4,145	3,445	3,255	94.07%	2,103	1,709	1,397,793	75.44%	70.97%
Rural	1,250	1,015	950	93.27%	602	509	266,912	80.76%	75.33%
Washoe	1,050	950	900	94.93%	559	463	308,265	74.14%	70.37%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>New Hampshire</b>	7,578	6,218	5,656	89.70%	3,316	2,688	1,114,170	77.24%	69.29%
Central	1,949	1,587	1,478	93.15%	886	710	313,226	76.46%	71.22%
Central 1	1,026	839	791	94.35%	480	377	154,080	77.56%	73.18%
Central 2	923	748	687	91.85%	406	333	159,146	75.31%	69.17%
Northern	1,381	910	840	88.31%	416	342	145,725	77.06%	68.05%
Southern	4,248	3,721	3,338	88.59%	2,014	1,636	655,219	77.60%	68.75%
Southern 1 (Rockingham)	1,583	1,424	1,271	86.47%	754	608	247,808	78.41%	67.80%
Southern 2	2,665	2,297	2,067	89.93%	1,260	1,028	407,411	77.07%	69.31%
<b>New Jersey</b>	7,922	6,809	5,908	86.50%	3,601	2,710	7,207,590	69.86%	60.43%
Central	1,775	1,557	1,306	83.16%	722	555	1,651,090	73.02%	60.72%
Metropolitan	1,680	1,416	1,254	88.36%	829	644	1,751,176	70.52%	62.31%
Northern	2,660	2,354	2,059	87.39%	1,216	895	2,324,946	69.84%	61.03%
Southern	1,807	1,482	1,289	86.95%	834	616	1,480,379	66.31%	57.65%
<b>New Mexico</b>	6,574	5,428	5,148	94.81%	3,173	2,708	1,580,235	80.56%	76.38%
Region 1	1,134	946	897	94.79%	643	543	320,387	81.46%	77.21%
Region 2	1,079	840	788	93.89%	394	329	249,743	79.43%	74.58%
Region 3 (Bernalillo)	2,242	1,960	1,844	94.09%	1,088	927	486,614	80.01%	75.28%
Region 4	913	724	699	96.58%	406	337	200,425	79.79%	77.06%
Region 5	1,206	958	920	95.82%	642	572	323,066	82.00%	78.57%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>New York</b>	32,765	28,034	22,873	81.59%	14,139	10,844	16,044,893	71.17%	58.06%
Region A	13,617	11,846	8,669	73.23%	5,402	3,950	6,811,287	66.83%	48.94%
Region 1	1,994	1,751	1,399	80.22%	1,043	801	1,092,113	72.22%	57.93%
Region 2	4,610	3,998	3,072	76.90%	1,955	1,403	2,442,211	65.63%	50.47%
Region 3	3,515	3,007	1,937	63.98%	1,040	737	1,353,932	64.24%	41.10%
Region 4	3,498	3,090	2,261	73.64%	1,364	1,009	1,923,030	67.28%	49.54%
Region B	7,386	6,647	5,406	81.22%	3,470	2,575	4,114,447	69.80%	56.69%
Region 5	4,057	3,647	3,023	82.90%	1,957	1,478	2,328,226	70.96%	58.83%
Region 6	2,132	1,951	1,501	76.52%	911	655	1,099,560	69.72%	53.35%
Region 7	1,197	1,049	882	84.12%	602	442	686,662	65.35%	54.98%
Region C	8,842	7,438	6,829	91.81%	4,071	3,347	3,798,462	78.13%	71.74%
Region 8	2,079	1,689	1,531	90.75%	850	659	807,004	74.46%	67.58%
Region 9	1,691	1,479	1,329	89.98%	835	675	781,779	77.37%	69.62%
Region 10	913	780	740	94.77%	471	426	369,078	86.54%	82.02%
Region 11	1,918	1,630	1,514	92.93%	877	729	871,580	77.57%	72.09%
Region 12	2,241	1,860	1,715	92.02%	1,038	858	969,022	78.66%	72.38%
Region D	2,920	2,103	1,969	93.60%	1,196	972	1,320,696	76.44%	71.55%
Region 13	1,003	683	640	93.83%	374	320	410,389	79.81%	74.89%
Region 14	979	640	594	92.68%	382	292	446,126	71.57%	66.33%
Region 15	938	780	735	94.17%	440	360	464,182	77.50%	72.99%
<b>North Carolina</b>	7,497	5,935	5,594	94.25%	3,282	2,730	7,097,261	79.12%	74.57%
Eastern	1,616	1,140	1,081	94.84%	612	515	1,325,737	79.92%	75.79%
North Central	1,431	1,204	1,144	94.94%	703	577	1,698,055	79.49%	75.47%
South Central	1,776	1,456	1,363	93.51%	792	651	1,694,579	78.39%	73.30%
Western	2,674	2,135	2,006	94.05%	1,175	987	2,378,889	78.96%	74.25%
<b>North Dakota</b>	7,635	6,261	5,932	94.73%	3,291	2,778	532,342	80.85%	76.58%
Badlands and West Central Lake Region and South Central	2,012	1,677	1,570	93.57%	805	693	139,924	80.32%	75.15%
North Central and Northwest	1,367	1,059	1,025	96.77%	532	452	83,884	81.16%	78.54%
Northeast	1,448	1,127	1,085	96.18%	556	476	92,817	83.48%	80.29%
Southeast	1,082	896	844	94.33%	523	436	74,087	81.22%	76.61%
Southeast	1,726	1,502	1,408	93.73%	875	721	141,630	79.00%	74.05%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>Ohio</b>	27,196	23,391	22,047	94.25%	13,356	10,819	9,507,375	76.14%	71.77%
Boards 2, 46, 55, and 68	1,178	1,014	997	98.35%	538	439	429,030	77.90%	76.61%
Boards 3, 52, and 85	759	703	669	95.15%	440	344	304,491	75.55%	71.89%
Boards 4 and 78	705	609	580	95.15%	387	326	271,345	80.92%	76.99%
Boards 5 and 60	851	729	703	96.41%	486	390	277,675	75.22%	72.52%
Boards 7, 15, 41, 79, and 84	1,046	883	863	97.74%	505	396	396,416	71.94%	70.32%
Boards 8, 13, and 83	1,055	908	858	94.40%	521	422	370,692	78.15%	73.77%
Board 9 (Butler)	701	592	575	97.18%	361	290	285,035	73.94%	71.85%
Board 12	751	643	597	92.91%	383	304	280,773	72.15%	67.03%
Boards 18 and 47	4,026	3,503	3,208	91.67%	1,820	1,497	1,371,613	76.82%	70.42%
Boards 20, 32, 54, and 69	680	597	590	98.83%	375	340	288,260	88.36%	87.33%
Boards 21, 39, 51, 70, and 80	1,291	1,125	1,047	93.01%	676	505	419,343	67.80%	63.06%
Boards 22, 74, and 87	731	648	605	93.25%	354	265	325,292	65.60%	61.17%
Boards 23 and 45	925	811	756	93.11%	472	364	282,899	72.27%	67.29%
Board 25 (Franklin)	2,748	2,265	2,121	93.87%	1,428	1,172	912,093	77.11%	72.38%
Boards 27, 71, and 73	1,221	987	941	95.38%	568	474	402,853	80.83%	77.09%
Boards 28, 43, and 67	1,153	1,029	975	94.71%	569	482	402,599	79.96%	75.73%
Board 31 (Hamilton)	1,965	1,700	1,538	90.30%	905	719	682,035	75.74%	68.39%
Board 48 (Lucas)	1,259	1,060	1,015	95.79%	657	533	369,530	74.29%	71.16%
Boards 50 and 76	1,438	1,250	1,203	96.25%	723	588	525,895	79.26%	76.29%
Board 57 (Montgomery)	1,402	1,178	1,116	94.67%	587	477	453,131	77.53%	73.39%
Board 77 (Summit)	1,311	1,157	1,090	93.99%	601	492	456,375	75.40%	70.87%
<b>Oklahoma</b>	7,794	6,183	5,729	92.63%	3,373	2,738	2,894,359	76.91%	71.24%
Central	863	737	675	91.14%	404	314	318,715	70.89%	64.61%
East Central	854	686	645	93.90%	374	308	336,649	72.31%	67.90%
Northeast	1,073	815	773	94.96%	499	428	378,592	86.26%	81.91%
Northwest and Southwest	1,124	839	790	93.98%	436	360	430,467	75.82%	71.26%
Oklahoma County	1,427	1,093	1,011	92.62%	574	453	549,365	75.45%	69.88%
Southeast	1,078	857	802	93.72%	469	375	411,723	79.12%	74.16%
Tulsa County	1,375	1,156	1,033	89.25%	617	500	468,848	76.95%	68.68%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>Oregon</b>	7,202	6,146	5,772	93.96%	3,351	2,712	3,060,975	74.87%	70.35%
Region 1 (Multnomah)	1,382	1,152	1,075	93.30%	612	488	598,657	73.97%	69.01%
Region 2	1,757	1,581	1,459	92.47%	827	667	703,926	75.61%	69.92%
Region 3	2,244	1,935	1,838	94.97%	1,141	943	958,449	76.59%	72.74%
Region 4	1,129	909	857	94.37%	460	353	448,298	69.77%	65.84%
Region 5	690	569	543	95.39%	311	261	351,645	77.57%	73.99%
<b>Pennsylvania</b>	29,740	25,563	23,000	89.96%	13,197	10,848	10,429,322	76.48%	68.80%
Region 1 (Allegheny)	3,077	2,657	2,290	86.23%	1,225	966	1,062,616	73.78%	63.62%
Regions 2, 3, 8, and 9	1,524	1,327	1,217	91.72%	672	541	568,193	71.06%	65.17%
Regions 4, 11, 37, and 49	1,960	1,558	1,477	94.76%	928	758	722,740	76.07%	72.08%
Regions 5, 18, 23, 24, and 46	1,922	1,706	1,643	96.32%	883	751	599,396	78.63%	75.74%
Regions 6, 12, 16, 31, 35, 39, 45, and 47	1,923	1,562	1,507	96.50%	928	826	629,169	87.94%	84.87%
Regions 7, 13, 20, and 33	5,330	4,904	4,094	83.42%	2,457	1,930	1,994,532	73.85%	61.61%
Regions 10, 14, 15, 27, 32, 43, and 44	1,431	1,193	1,125	93.76%	628	546	488,632	84.21%	78.96%
Regions 17 and 21	850	744	679	91.13%	398	339	310,246	80.82%	73.65%
Regions 19, 26, 28, and 42	3,025	2,656	2,555	96.15%	1,501	1,270	1,133,396	76.20%	73.27%
Regions 22, 38, 40, 41, and 48	2,153	1,789	1,637	91.62%	825	652	719,416	75.42%	69.10%
Regions 25 and 30	1,346	1,126	1,061	94.26%	616	516	473,701	79.85%	75.27%
Regions 29 and 34	1,428	1,149	1,086	94.51%	511	414	502,411	75.95%	71.78%
Region 36 (Philadelphia)	3,771	3,192	2,629	82.45%	1,625	1,339	1,224,874	74.37%	61.31%
<b>Rhode Island</b>	6,779	5,844	5,185	88.75%	3,330	2,720	905,252	77.77%	69.01%
Bristol and Newport	936	769	681	88.65%	391	307	116,984	75.07%	66.55%
Kent	1,028	919	807	87.91%	475	400	143,793	81.78%	71.89%
Providence	3,747	3,255	2,886	88.66%	1,975	1,623	534,582	78.02%	69.17%
Washington	1,068	901	811	90.00%	489	390	109,893	75.31%	67.78%
<b>South Carolina</b>	7,639	6,098	5,782	94.80%	3,255	2,716	3,504,517	79.51%	75.38%
Region 1	1,941	1,624	1,546	95.23%	813	651	931,333	77.38%	73.69%
Region 2	2,222	1,797	1,740	96.86%	980	821	1,039,758	78.03%	75.58%
Region 3	1,366	1,117	1,038	92.84%	583	492	623,715	83.77%	77.78%
Region 4	2,110	1,560	1,458	93.44%	879	752	909,711	80.25%	74.99%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>South Dakota</b>	6,346	5,169	4,918	95.16%	3,242	2,746	639,698	80.36%	76.47%
Region 1	967	725	697	96.30%	435	374	104,000	81.05%	78.05%
Region 2	1,396	1,225	1,169	95.29%	823	690	153,178	80.41%	76.62%
Region 3	1,067	862	838	97.20%	583	503	108,865	79.57%	77.35%
Region 4	591	476	450	94.64%	287	251	59,876	85.10%	80.54%
Region 5	793	581	561	96.68%	333	277	66,972	78.95%	76.33%
Region 6	552	463	445	96.37%	278	239	48,851	83.34%	80.31%
Region 7	980	837	758	90.39%	503	412	97,956	77.72%	70.25%
<b>Tennessee</b>	6,871	5,858	5,441	92.80%	3,195	2,721	4,981,214	81.96%	76.06%
Region 1	548	497	471	94.87%	253	217	420,412	82.06%	77.85%
Region 2	1,260	1,071	1,011	94.49%	605	494	928,252	77.08%	72.83%
Region 3	1,267	1,060	997	93.91%	564	512	804,871	90.46%	84.95%
Region 4 (Davidson)	641	558	491	88.06%	275	234	491,242	82.74%	72.86%
Region 5	1,503	1,303	1,215	93.26%	735	613	1,068,820	81.59%	76.10%
Region 6	664	538	502	92.52%	325	283	524,548	85.47%	79.08%
Region 7 (Shelby)	988	831	754	90.66%	438	368	743,069	76.23%	69.12%
<b>Texas</b>	24,004	19,771	18,717	94.65%	12,993	10,730	18,180,38	77.74%	73.59%
Region 1	850	681	653	95.90%	454	394	646,211	82.49%	79.10%
Region 2	794	635	608	95.55%	347	290	458,365	82.68%	79.00%
Region 3	6,359	5,395	5,090	94.32%	3,391	2,883	4,845,796	81.45%	76.82%
Region 3a	4,180	3,570	3,334	93.41%	2,212	1,854	3,093,636	80.31%	75.02%
Region 3bc	2,179	1,825	1,756	96.13%	1,179	1,029	1,752,159	83.77%	80.53%
Region 4	1,395	1,100	1,052	95.56%	630	503	876,618	75.99%	72.61%
Region 5	819	680	655	96.36%	411	339	630,398	79.42%	76.53%
Region 6	5,633	4,628	4,339	93.74%	3,187	2,580	4,229,210	74.78%	70.10%
Region 6a	4,986	4,079	3,830	93.84%	2,837	2,283	3,770,459	74.33%	69.75%
Region 6bc	647	549	509	92.96%	350	297	458,751	78.07%	72.58%
Region 7	2,729	2,276	2,158	94.86%	1,534	1,279	2,099,052	77.93%	73.92%
Region 7a	1,663	1,401	1,315	93.94%	909	742	1,268,545	77.02%	72.36%
Region 7bcd	1,066	875	843	96.37%	625	537	830,507	79.56%	76.67%
Region 8	2,265	1,930	1,827	94.59%	1,256	1,021	1,872,136	74.68%	70.64%
Region 9	623	498	476	95.65%	309	242	426,478	75.12%	71.85%
Region 10	699	608	584	96.02%	430	351	592,005	74.49%	71.52%
Region 11	1,838	1,340	1,275	95.26%	1,044	848	1,504,119	76.36%	72.74%
Region 11abd	1,159	852	808	94.92%	605	473	998,721	74.02%	70.26%
Region 11c (Hidalgo)	679	488	467	95.85%	439	375	505,399	80.11%	76.78%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>Utah</b>	4,899	4,206	4,003	95.06%	3,191	2,761	1,931,970	82.14%	78.08%
Bear River, Northeastern, Summit, Tooele, and Wasatch	576	469	449	95.71%	349	298	225,999	80.23%	76.79%
Central, Four Corners, San Juan, and Southwest	799	599	577	96.37%	413	349	229,945	80.47%	77.55%
Davis County	521	477	464	97.26%	387	337	201,199	86.59%	84.22%
Salt Lake County	1,880	1,708	1,595	93.15%	1,228	1,052	775,426	79.84%	74.36%
Utah County	662	529	512	96.78%	479	430	320,860	85.36%	82.61%
Weber, Morgan	461	424	406	95.64%	335	295	178,540	85.36%	81.64%
<b>Vermont</b>	7,482	5,683	5,275	92.84%	3,219	2,720	540,245	81.16%	75.35%
Champlain Valley	2,589	2,166	2,002	92.45%	1,348	1,159	208,582	83.11%	76.84%
Rural Northeast	1,759	1,404	1,312	93.19%	795	656	127,648	77.10%	71.86%
Rural Southeast	1,788	1,221	1,144	93.90%	615	515	115,772	79.32%	74.48%
Rural Southwest	1,346	892	817	91.75%	461	390	88,243	84.82%	77.82%
<b>Virginia</b>	7,008	5,995	5,318	88.75%	3,393	2,749	6,123,319	76.38%	67.79%
Region 1	980	893	776	86.99%	530	436	918,060	81.42%	70.83%
Region 2	1,877	1,677	1,410	85.05%	985	775	1,616,703	73.93%	62.88%
Region 3	1,318	1,104	1,023	92.77%	537	460	1,129,956	79.55%	73.80%
Region 4	1,268	1,118	1,008	90.22%	619	486	1,038,913	72.90%	65.77%
Region 5	1,565	1,203	1,101	91.31%	722	592	1,419,687	76.81%	70.13%
<b>Washington</b>	6,491	5,517	5,210	94.47%	3,343	2,691	5,252,895	75.71%	71.52%
Region 1	771	645	596	92.62%	387	319	671,875	73.37%	67.95%
Region 2	708	621	602	97.06%	417	352	472,886	78.01%	75.72%
Region 3	926	812	783	96.48%	523	401	863,068	71.26%	68.75%
Region 4 (King)	1,740	1,576	1,466	93.00%	916	708	1,562,349	73.11%	67.99%
Region 5	1,086	898	835	92.94%	545	439	819,307	78.31%	72.78%
Region 6	1,260	965	928	96.17%	555	472	863,409	81.79%	78.65%

See notes at end of table.

(continued)

**Table E1. Sample Sizes, Weighted Screening and Interview Response Rates, and Population Estimates, by Substate Region, for Persons Aged 12 or Older: 2004, 2005, and 2006 (continued)**

State/Substate Region	Total Selected DUs	Total Eligible DUs	Total Completed Screeners	Weighted DU Screening Response Rate	Total Selected	Total Responded	Population Estimate	Weighted Interview Response Rate	Weighted Overall Response Rate
<b>West Virginia</b>	8,383	6,946	6,547	94.29%	3,316	2,738	1,561,148	76.56%	72.19%
Eastern Highland	1,858	1,526	1,464	95.92%	715	601	326,345	78.03%	74.84%
Northern	2,087	1,646	1,541	93.65%	841	695	394,602	80.63%	75.52%
Northern A and B	678	582	539	92.56%	278	223	132,475	75.94%	70.29%
Northern C and D	1,409	1,064	1,002	94.24%	563	472	262,127	83.45%	78.65%
South Central	2,857	2,438	2,253	92.48%	1,145	951	557,727	76.83%	71.05%
South Central I	781	685	616	89.86%	328	279	148,537	77.14%	69.32%
South Central II	794	684	641	93.78%	304	241	163,514	71.80%	67.33%
South Central III	1,282	1,069	996	93.33%	513	431	245,676	79.81%	74.48%
Southern	1,581	1,336	1,289	96.52%	615	491	282,474	69.21%	66.80%
Southern I and III	935	792	761	96.03%	357	285	187,446	69.06%	66.32%
Southern II	646	544	528	97.22%	258	206	95,027	69.37%	67.44%
<b>Wisconsin</b>	6,910	5,646	5,265	93.22%	3,366	2,747	4,658,907	77.51%	72.25%
Milwaukee	1,057	937	861	91.55%	564	452	773,266	79.18%	72.49%
Northeastern	1,264	1,082	1,038	95.98%	672	542	1,014,620	77.61%	74.50%
Northern	827	593	552	92.97%	379	318	420,370	77.05%	71.64%
Southeastern	1,555	1,269	1,163	91.57%	728	577	941,332	73.22%	67.05%
Southern	1,339	1,099	1,043	95.01%	625	530	883,684	81.78%	77.71%
Western	868	666	608	91.29%	398	328	625,635	76.32%	69.68%
<b>Wyoming</b>	7,318	5,839	5,512	94.39%	3,321	2,727	428,598	78.64%	74.23%
Judicial District 1 (Laramie)	1,012	853	781	91.49%	487	398	71,368	78.02%	71.38%
Judicial District 2	713	559	527	94.21%	412	347	42,536	75.62%	71.25%
Judicial District 3	1,109	905	859	94.87%	565	443	59,077	76.44%	72.51%
Judicial District 4	532	451	431	95.62%	204	153	29,886	68.39%	65.39%
Judicial District 5	713	595	575	96.64%	292	246	43,613	80.86%	78.14%
Judicial District 6	594	476	457	96.03%	295	253	39,713	84.68%	81.32%
Judicial District 7 (Natrona)	1,047	896	838	93.49%	495	426	57,358	84.08%	78.61%
Judicial District 8	557	414	403	97.27%	233	221	30,702	94.64%	92.05%
Judicial District 9	1,041	690	641	93.07%	338	240	54,345	70.31%	65.44%

NOTE: For Substate Region definitions, see Section D.

NOTE: To compute the pooled 2004-2006 weighted response rates, the three samples were combined, and the individual-year weights were used for the pooled sample. Thus, the response rates presented here are weighted across 3 years of data rather than being a simple average of the 2004, 2005, and 2006 individual response rates.

NOTE: The total responded column represents the combined sample size from the 2004, 2005, and 2006 NSDUHs.

NOTE: The population estimate is the simple average of the 2004, 2005, and 2006 population counts for persons aged 12 or older. Due to rounding, the sum of the substate region population counts within a State may not exactly match the State population count listed in the table.

DU = dwelling unit.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

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