

South Dakota Substance Abuse Epidemiological Profile 2015-2016

Prevention Program

South Dakota Department of Social Services

Support for the development of this document and support for the South Dakota Substance Abuse Epidemiological Outcomes Workgroup is made possible by the Center for Substance Abuse Prevention, Substance Abuse Mental Health Services Administration (CSAP-SAMHSA).



Acknowledgements

The development of the South Dakota Substance Abuse Epidemiological Profile was supported by the Center for Substance Abuse Prevention, Substance Abuse Mental Health Services Administration through contractual support to the Division of Behavioral Health, Department of Social Services.

Recognition is provided for the guidance provided by individuals that have participated in the South Dakota Substance Abuse Epidemiological Outcomes Work Group efforts.

This document was compiled by Mountain Plains Evaluation, LLC under contract from the Division of Behavioral Health, South Dakota Department of Social Services. Roland Loudenburg, M.P.H. Ed.S. was the principal author and analyst. Gregg Drube, M.A., Mike Mabey, B.A., and Will Gottlob provided statistical analysis support. Darla Erikson aided in document layout and production.

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INTRODUCTION

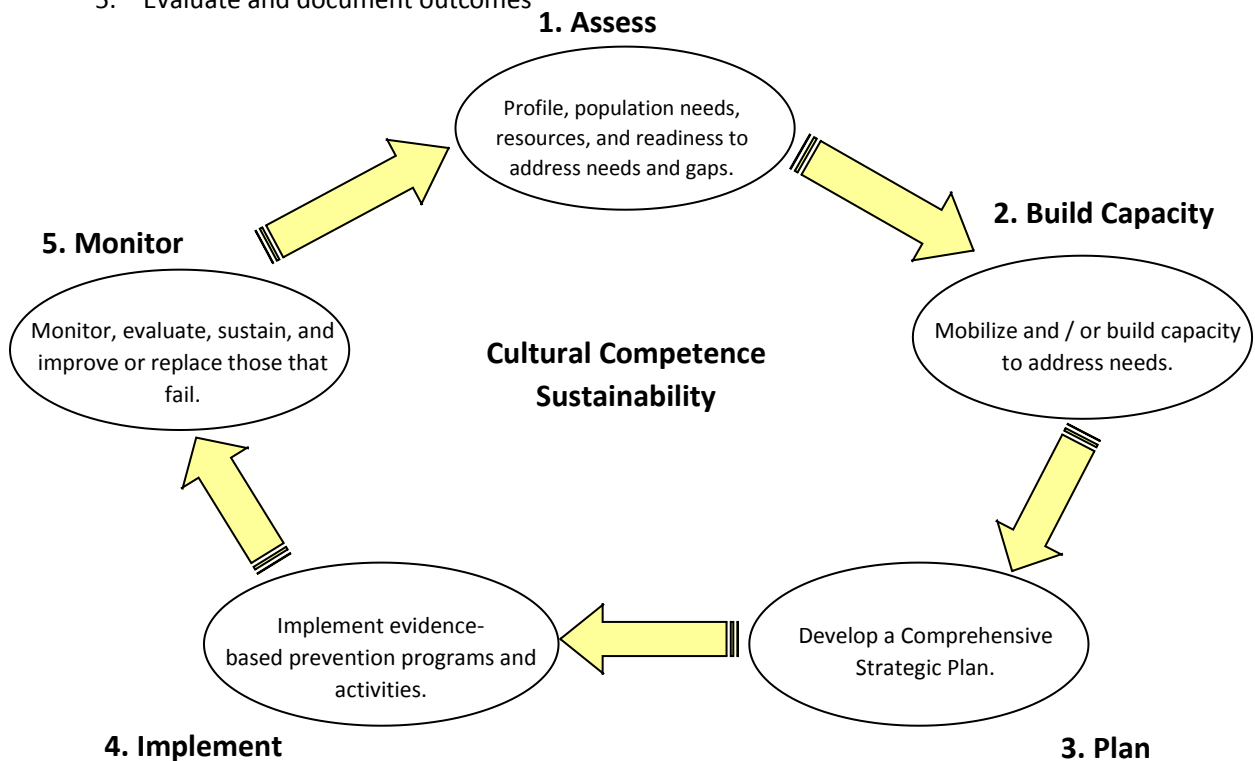
The South Dakota Substance Abuse Epidemiological Profile is intended to serve as a resource for planning and prioritizing of substance abuse prevention efforts across South Dakota. The effort is supported by funding from the Substance Abuse and Mental Health Services Administration (SAMHSA), Center for Substance Abuse Prevention (CSAP) – the federal agency charged with addressing substance abuse through prevention strategies.

Strategic Prevention Framework

The Strategic Prevention Framework (SPF) is an evidence-based public health approach to prevention of substance abuse. Evidence supports the success of implementing a range of prevention strategies in reducing and preventing substance abuse and related health and social problems and increasing protective factors. The SPF is a data driven process that utilizes community-based risk and protective factors to promote prevention of substance abuse.

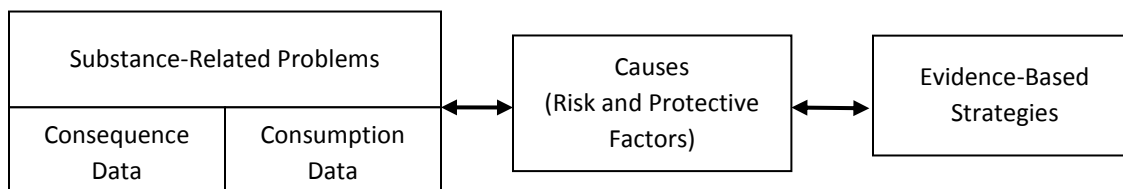
The stages of the SPF process include:

1. Assess population prevention needs based on epidemiological data
2. Build and support local community capacity to implement evidence based prevention strategies and programs
3. Develop a strategic plan for prevention of substance abuse
4. Implement community prevention programs, policies and practices that are proven to be effective
5. Evaluate and document outcomes



The data presented in this document are intended to aid in driving the SPF process. The following logic model outlines the use of Substance Abuse data to identify causes in the form

of “Risk” and “Protective” factors that then lead to selection and implementation of evidence-based prevention strategies.



Consequences and Consumption

The data indicators have been divided into the two main categories of Consequences and Consumption.

1. Consequence Data

Consequence data can be thought of as the resulting consequence that is predicated by the abuse of alcohol, tobacco, or drugs. Consequences are manifested in terms of adverse health and social conditions. The Consequence data indicators selected are linked to the abuse of alcohol, tobacco, or drugs by scientific evidence that supports and documents a level of attribution.

2. Consumption Data

Consumption data report the frequency and quantity of use of alcohol, tobacco, or drugs. Consumption data can also be captured and reported in the form of risky behavior, such as delinquency and riding with someone who has been drinking.

Selection of Indicators

The selection criteria of data indicators included in this report was developed based on the following schema.

1. Data must provide for comparison of state level data with national level data
2. Is part of an ongoing data collection process over time to allow for tracking of trends
3. A satisfactory level of assurance was available that supported the validity and reliability of the data

Report Limitations

A challenge that the South Dakota SEOW is working on addressing is the limited availability of reliable and valid data in regard to South Dakota's Native American population. Thus, the limitation of national data sets in estimating statistics for Native American communities, reservations, and tribes should be considered when viewing the following data. Often, the national data source only provides data in the form of a collapsed "Other Race" category which included Native Americans. This report and the South Dakota SEOW recognizes the problem with this approach, but decided it was important to include the data in this form at this time in the absence of better data sources.

County Level Data

The current national data sources do provide estimates of some of the indicators at the county level, particularly consumption related data. Limitations in the reliability and validity of the data exist because of the small population and survey methods used by national data sources that limit the utility of the indicators at the county level in South Dakota. Therefore, the SD SEOW has chosen not to include county level data in the overall State level profile at this time but rather developed a regional profile that looked at indicators at regional levels within the state.

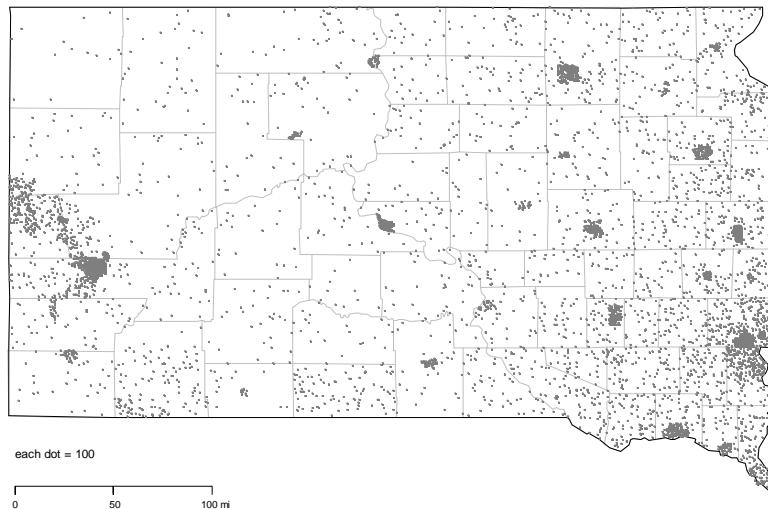
Geographic, Cultural and Social Context

“Great Faces – Great Places” is a slogan that has been used to describe South Dakota as part of tourism efforts and promotion within the state. This slogan is also helpful in understanding the geographic, cultural and social context in which South Dakota citizens live and to address substance abuse issues.

If one was forced to select one word to describe South Dakota, “diversity” would have to be considered as a favorite choice. South Dakota is diverse in almost every aspect of the environment context including: geography, population density, culture, affluence, weather etc. Understanding this diversity and the context in which communities and the State must address substance use issues is an important consideration to understanding how to best address and implement substance abuse prevention efforts.

Population – South Dakota

Among the 50 states, South Dakota ranks 16th in land mass size with 75,885 square miles. The distance across the state is 380 miles east to west and 245 miles from north to south. South Dakota has a population of about 814,180 (2010 estimate from U.S. Census Bureau) which results in about 10.7 persons per square mile. The USA average is much higher at about 79.6 persons per square mile, illustrating the rural and frontier nature of South Dakota. The following map illustrates the geographic distribution of the population. It can be noted that there are greater population densities in the Sioux Falls region in the southeast and surrounding the Rapid City area in the west.



Ethnicity – South Dakota

There are two major ethnic groups in South Dakota: whites with 85.5 percent of the populations and Native American representing 8.9 percent of the state's population in the July 1, 2015 Population Estimate. While other minority groups currently make a small fraction of the total population, it is important to note that in some sections of the state, primarily Sioux Falls and Rapid City, the Hispanic and migrant populations have significant growth rates that will be important to consider in future editions.

| Ethnicity in South Dakota | 2010 April 1 Census | 2015 July 1 Estimate |
|--|---------------------|----------------------|
| White | 86.8% | 85.5% |
| Black/African American | 1.3% | 1.8% |
| Native American and Alaskan Native | 8.9% | 8.9% |
| Asian | 1.0% | 1.4% |
| Native Hawaiian and Other Pacific Islander | 0.1% | 0.1% |
| Two or More Races | 2.0% | 2.2% |
| Person Of Hispanic Origin | 2.7% | 3.6% |
| White Person, non-Hispanic | 84.8% | 82.9% |

Source: U.S. Census Bureau Population Estimates

Age Groupings

As can be seen below, whites have a much larger percent of the population in the categories of 'percent 18 and over' and 'percent 65 and over'. Conversely, the two minority classifications have a much lower median age and proportionally higher numbers of persons less than 5 years of age.

| 2010 April 1 Census (SD) | | | | |
|-----------------------------------|------------|-----------------|---------------------|---------------------|
| Ethnicity | Median Age | Percent under 5 | Percent 18 and Over | Percent 65 and Over |
| White | 39.7 | 76.5% | 89.6% | 95.9% |
| Native American and Alaska Native | 23.7 | 14.8% | 7.2% | 3.1% |
| All Others | 21.5 | 8.7% | 3.2% | 0.9% |
| 2015 July 1 Census (SD) | | | | |
| Ethnicity | Median Age | Percent under 5 | Percent 18 and Over | Percent 65 and Over |
| White | 39.9 | 75.4% | 88.3% | 95.0% |
| Native American and Alaska Native | 24.5 | 15.1% | 7.2% | 3.4% |
| All Others | 23.0 | 9.5% | 4.5% | 1.6% |

Source: U.S. Census Bureau Population Estimates

Birth Rate

Overall, South Dakota has a higher birth rate (14.4) than the national average (12.5). As can be noted in the table below, whites in South Dakota have a lower birth rate than American Indians and all other ethnic groups, resulting in a higher proportion of persons less than 5 years of age as indicated in the table below.

| SD and US Birth Rates per 1000 | | | |
|--------------------------------|-------|-------|-----------------|
| | Total | White | American Indian |
| South Dakota | 14.4 | 12.5 | 24.9 |
| United States | 12.5 | 12.6 | 11.4 |

Source: U.S. Census Bureau Population Estimates, CDC National Vital Statistics Reports, South Dakota Department of Health

ALCOHOL CONSEQUENCES AND CONSUMPTION

The following table presents the indicators for Alcohol Consequences and Consumption considered and presented within this report as measures of the burden of alcohol abuse in South Dakota.

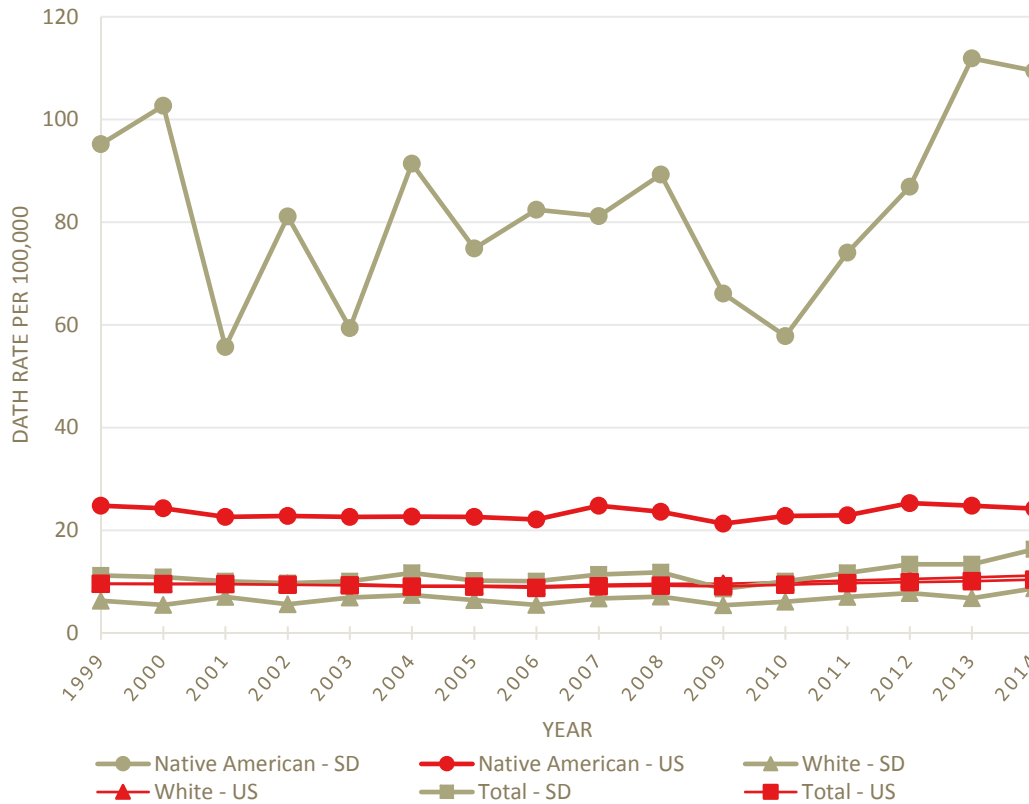
| Alcohol | Indicator |
|--------------|--|
| Consequences | <ul style="list-style-type: none"> • Chronic Liver Disease Death Rate • Suicide Death Rate • Violent Crime and Property Crime Rates • Arrests That are Alcohol Related • Fatal Motor Vehicle Crashes That are Alcohol Related • Persons Killed in Alcohol Involved Crashes • Alcohol Abuse or Dependence/Alcohol Dependence |
| Consumption | <ul style="list-style-type: none"> • Current Use of Alcohol by Persons Age 12 and Older • Current Use of Alcohol by High School Students • Current Binge Drinking by Persons Age 12 and Older • Current Binge Drinking by High School Students • Binge Drinking in Women of Childbearing Age • Current Heavy Use of Alcohol by Adults Age 18 and Older • Drank Alcohol For The First Time Before Age 13 Years • Drinking and Driving Among High School Students • Riding in Car with Drinking Driver Among High School Students |

Alcohol Consequences

Chronic Liver Disease Death Rate

Long term, heavy alcohol consumption is the leading cause of chronic liver disease. From 1999-2014, the death rate due to chronic liver disease in South Dakota has remained slightly higher than the US rate, overall. However, Native Americans in South Dakota have had significantly higher rates than the national average over the same time period.

FIGURE 1: DEATHS FROM CHRONIC LIVER DISEASE – RATES PER 100,000



| Age Adjusted Death Rate From Chronic Liver Disease Per 100,000 | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|-------|-------|
| Ethnic/Racial Group | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
| Native American - SD | 91.4 | 74.9 | 82.4 | 81.2 | 89.3 | 66.1 | 57.8 | 74.1 | 86.9 | 111.9 | 109.5 |
| Native American - US | 22.7 | 22.6 | 22.1 | 24.8 | 23.6 | 21.3 | 22.8 | 22.9 | 25.3 | 24.8 | 24.2 |
| White - SD | 7.4 | 6.4 | 5.5 | 6.7 | 7.1 | 5.4 | 6.1 | 7.0 | 7.8 | 6.8 | 8.7 |
| White - US | 9.2 | 9.2 | 9.1 | 9.4 | 9.6 | 9.6 | 9.9 | 10.2 | 10.5 | 10.8 | 11.2 |
| Total - SD | 11.7 | 10.2 | 10.1 | 11.4 | 11.8 | 8.6 | 10.1 | 11.7 | 13.4 | 13.4 | 16.3 |
| Total - US | 9.0 | 9.0 | 8.8 | 9.1 | 9.2 | 9.1 | 9.4 | 9.7 | 9.9 | 10.1 | 10.4 |

Age Adjusted Rate Per 100,000

Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database, compiled from Compressed Mortality File 1999-2014 Series 20 No. 2S, 2015.

Violent Crime and Property Crime Rates

The overall Index Crime Rate for the US declined between 2001 and 2015, but the South Dakota overall Index Crime Rate increased with slight fluctuation. While the Violent Crime rate has been increasing in South Dakota, the US Violent Crime rate has declined somewhat between 2001 and 2015. The Property Crime rates have mostly declined for the US since 2001, while rates in South Dakota have also decreased slightly in recent years.

FIGURE 2: COMPARISON OF VIOLENT CRIMES, US AND SOUTH DAKOTA

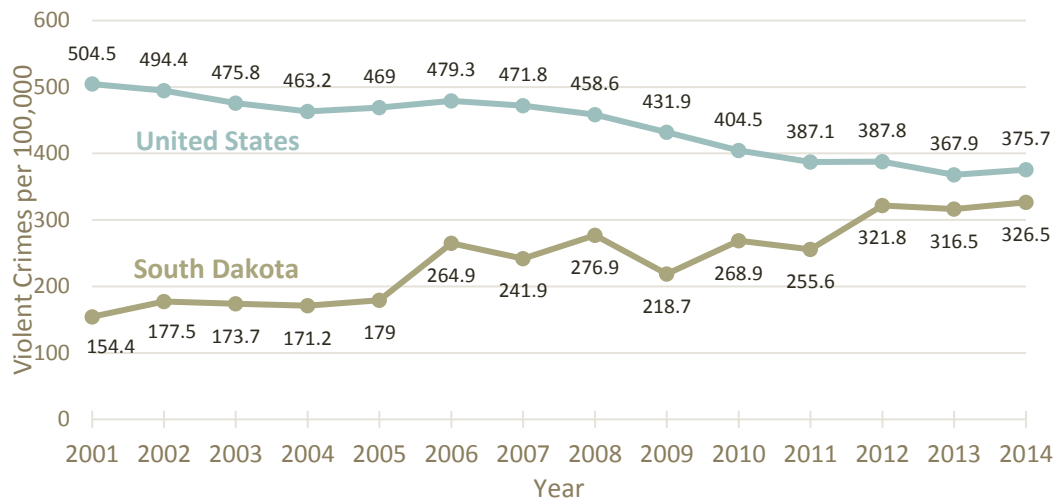
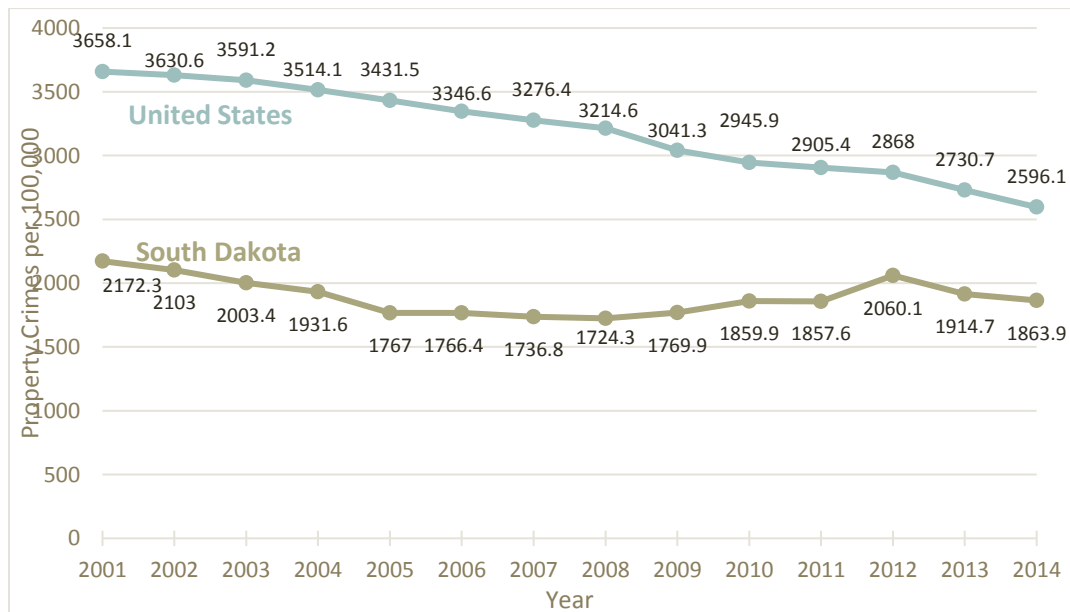


FIGURE 3: COMPARISON OF PROPERTY CRIMES, US AND SOUTH DAKOTA



Uniform Crime Report – South Dakota

| Year | Index Crime Rate | Violent Crimes | Property Crimes | Murder | Rape | Robbery | Agg. Assault | Burglary | Theft | Vehicle Theft |
|------|------------------|----------------|-----------------|--------|------|---------|--------------|----------|---------|---------------|
| 2001 | 2326.7 | 154.4 | 2172.3 | 0.9 | 46.3 | 13.6 | 93.6 | 407.1 | 1657.7 | 107.5 |
| 2002 | 2280.5 | 177.5 | 2103.0 | 1.4 | 47.5 | 15.4 | 113.2 | 399.0 | 1596.3 | 107.7 |
| 2003 | 2177.1 | 173.7 | 2003.4 | 1.3 | 46.5 | 13.6 | 112.3 | 376.3 | 1512.9 | 114.3 |
| 2004 | 2102.8 | 171.2 | 1931.6 | 2.2 | 43.6 | 14.5 | 110.8 | 408.5 | 1413.1 | 109.9 |
| 2005 | 1946.0 | 179.0 | 1767.0 | 2.3 | 48.7 | 18.7 | 109.3 | 323.3 | 1336.0 | 108.0 |
| 2006 | 2031.3 | 264.9 | 1766.4 | 3.8 | 59.5 | 20.2 | 181.3 | 386.7 | 1273.0 | 106.7 |
| 2007 | 1978.7 | 241.9 | 1736.8 | 3.9 | 54.4 | 14.8 | 168.8 | 332.4 | 1305.9 | 98.5 |
| 2008 | 2001.2 | 276.9 | 1724.3 | 4.6 | 69.9 | 16.7 | 185.8 | 333.6 | 1276.6 | 114.2 |
| 2009 | 1988.6 | 218.7 | 1769.9 | 3.7 | 61.7 | 14.4 | 139.0 | 322.6 | 1340.6 | 106.6 |
| 2010 | 2128.8 | 268.9 | 1859.9 | 2.8 | 47.1 | 18.9 | 200.1 | 390.9 | 1371.1 | 98.0 |
| 2011 | 2113.2 | 255.6 | 1857.6 | 2.4 | 61.1 | 20.3 | 171.8 | 355.4 | 1387.0 | 115.2 |
| 2012 | 2401.1 | 323.8 | 2077.3 | 2.8 | 71.9 | 18.8 | 230.3 | 393.3 | 1555.4 | 128.6 |
| 2013 | 2213.4 | 298.7 | 1914.7 | 2.4 | 41.3 | 18.8 | 236.2 | 399.1 | 1404.6 | 111.0 |
| 2014 | 2190.4 | 326.5 | 2.3 | 48.4 | 23.4 | 245.7 | 1,863.9 | 330.3 | 1,415.5 | 118.0 |

Crime rates are reported offenses per 100,000

Source: FBI, Uniform Crime Reports

Uniform Crime Report – United States

| Year | Index Crime Rate | Violent Crimes | Property Crimes | Murder | Rape | Robbery | Agg. Assault | Burglary | Theft | Vehicle Theft |
|------|------------------|----------------|-----------------|--------|-------|---------|--------------|----------|--------|---------------|
| 2001 | 4162.6 | 504.5 | 3658.1 | 5.6 | 31.8 | 148.5 | 318.6 | 741.8 | 2485.7 | 430.5 |
| 2002 | 4125.0 | 494.4 | 3630.6 | 5.6 | 33.1 | 146.1 | 309.5 | 747.0 | 2450.7 | 432.9 |
| 2003 | 4067.0 | 475.8 | 3591.2 | 5.7 | 32.3 | 142.5 | 295.4 | 741.0 | 2416.5 | 433.7 |
| 2004 | 3977.3 | 463.2 | 3514.1 | 5.5 | 32.4 | 136.7 | 288.6 | 730.3 | 2362.3 | 421.5 |
| 2005 | 3900.5 | 469 | 3431.5 | 5.6 | 31.8 | 140.8 | 290.8 | 726.9 | 2287.8 | 416.8 |
| 2006 | 3825.9 | 479.3 | 3346.6 | 5.8 | 31.6 | 150.0 | 292 | 733.1 | 2213.2 | 400.2 |
| 2007 | 3748.2 | 471.8 | 3276.4 | 5.7 | 30.6 | 148.3 | 287.2 | 726.1 | 2185.4 | 364.9 |
| 2008 | 3673.2 | 458.6 | 3214.6 | 5.4 | 29.8 | 145.9 | 277.5 | 733.0 | 2166.1 | 315.4 |
| 2009 | 3473.2 | 431.9 | 3041.3 | 5.0 | 29.1 | 133.1 | 264.7 | 717.7 | 2064.5 | 259.2 |
| 2010 | 3350.4 | 404.5 | 2945.9 | 4.8 | 27.7 | 119.3 | 252.8 | 701.0 | 2005.8 | 239.1 |
| 2011 | 3292.5 | 387.1 | 2905.4 | 4.7 | 27.0 | 113.9 | 241.5 | 701.3 | 1974.1 | 230.0 |
| 2012 | 3255.8 | 387.8 | 2868.0 | 4.7 | 27.1 | 113.1 | 242.8 | 672.2 | 1959.3 | 229.7 |
| 2013 | 3098.6 | 367.9 | 2730.7 | 4.5 | 25.2 | 109.1 | 229.1 | 610.0 | 1899.4 | 221.3 |
| 2014 | 2971.8 | 375.7 | 4.5 | 26.4 | 102.2 | 232.5 | 2596.1 | 542.5 | 1837.3 | 216.2 |

Crime rates are reported offenses per 100,000

Source: FBI, Uniform Crime Reports

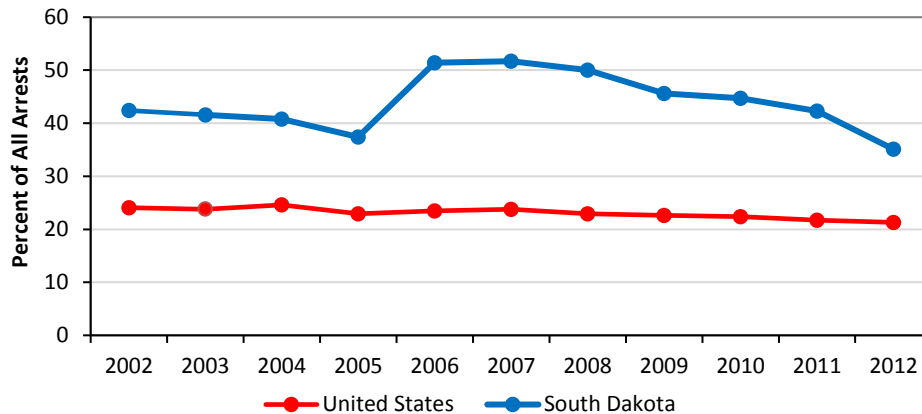
South Dakota

Substance Abuse Epidemiological Profile

Arrests that Were Alcohol Related

South Dakota has one of the highest, if not the highest, rate in the United States with respect to the percent of alcohol-related offenses compared to all offenses. In 2006 and 2007 more than one-half of all offenses in South Dakota were alcohol-related offenses (e.g., DUI, liquor laws, drunkenness, etc.). In the last 11 years for which data are available, South Dakota has had either the first or second highest rates of alcohol-related offenses in the nation.

FIGURE 4: ALCOHOL ARRESTS AS A PERCENTAGE OF ALL ARRESTS



Arrests for Alcohol Offenses, 2002-2012

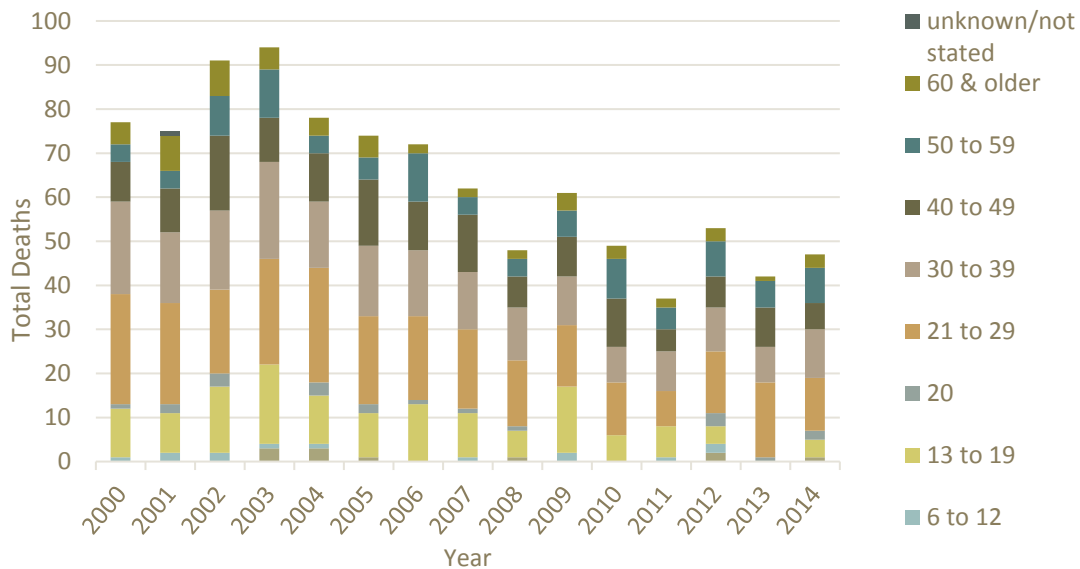
| Year | US Rate of Alcohol-related Offenses | South Dakota Rate of Alcohol-related Offenses | South Dakota's National Rank | South Dakota's Rate Compared to the National Average |
|------|-------------------------------------|---|--|--|
| 2002 | 24.1% | 42.4% | Highest rate in the nation | 1.8 times higher |
| 2003 | 23.8% | 41.6% | 2 nd highest rate in the nation | 1.7 times higher |
| 2004 | 24.6% | 40.8% | 2 nd highest rate in the nation | 1.7 times higher |
| 2005 | 22.9% | 37.4% | 2 nd highest rate in the nation | 1.6 times higher |
| 2006 | 23.5% | 51.4% | Highest rate in the nation | 2.2 times higher |
| 2007 | 23.8% | 51.7% | Highest rate in the nation | 2.2 times higher |
| 2008 | 22.9% | 50.0% | Highest rate in the nation | 2.2 times higher |
| 2009 | 22.6% | 45.6% | Highest rate in the nation | 2.0 times higher |
| 2010 | 22.4% | 44.7% | 2 nd highest rate in the nation | 2.0 times higher |
| 2011 | 21.7% | 42.3% | 2 nd highest rate in the nation | 1.9 times higher |
| 2012 | 21.3% | 35.1% | 2 nd highest rate in the nation | 1.6 times higher |

Source: Sourcebook of Criminal Justice Statistics (Section 4): 2002-2012 is the latest information as of October 2015. <http://www.albany.edu/sourcebook>

Fatal Motor Vehicle Crashes that are Alcohol Related

Alcohol related fatal motor vehicle crashes pose a significant problem in South Dakota.

FIGURE 5: PERSONS KILLED IN ALCOHOL INVOLVED CRASHES 2000-2014 BY AGE



Persons Killed in Alcohol Involved Crashes 1999-2014 by Age

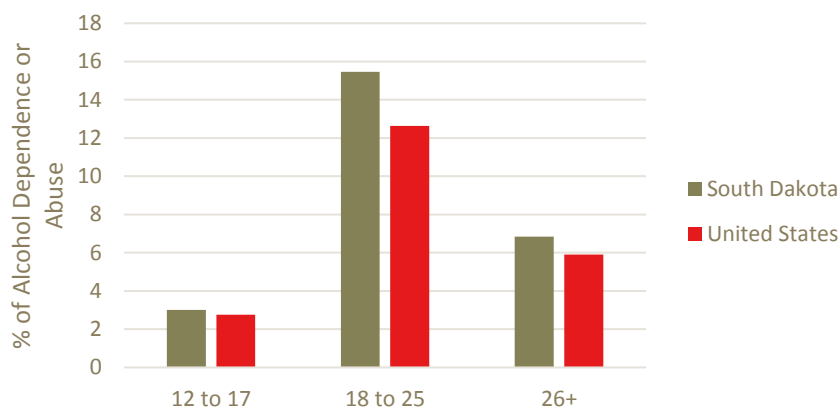
| Age | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 to 5 | 0 | 0 | 0 | 3 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 |
| 6 to 12 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 2 | 0 | 0 |
| 13 to 19 | 11 | 9 | 15 | 18 | 11 | 10 | 13 | 10 | 6 | 15 | 6 | 7 | 4 | 0 | 4 |
| 20 | 1 | 2 | 3 | 0 | 3 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 1 | 2 |
| 21 to 29 | 25 | 23 | 19 | 24 | 26 | 20 | 19 | 18 | 15 | 14 | 12 | 8 | 14 | 17 | 12 |
| 30 to 39 | 21 | 16 | 18 | 22 | 15 | 16 | 15 | 13 | 12 | 11 | 8 | 9 | 10 | 8 | 11 |
| 40 to 49 | 9 | 10 | 17 | 10 | 11 | 15 | 11 | 13 | 7 | 9 | 11 | 5 | 7 | 9 | 6 |
| 50 to 59 | 4 | 4 | 9 | 11 | 4 | 5 | 11 | 4 | 4 | 6 | 9 | 5 | 8 | 6 | 8 |
| 60 & older | 5 | 8 | 8 | 5 | 4 | 5 | 2 | 2 | 2 | 4 | 3 | 2 | 3 | 1 | 3 |
| unknown/not stated | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 77 | 75 | 91 | 94 | 78 | 74 | 72 | 62 | 48 | 61 | 49 | 37 | 53 | 42 | 47 |

Source: South Dakota Accident Records, 2014 South Dakota Motor Vehicle Traffic Crash Summary

Alcohol Abuse or Dependence

For the years 2011-2012, 2012-2013 and 2013-2014 South Dakota's percent for all ages for alcohol dependence or abuse (8.7%, 8.0%, 7.7%) are higher than the national averages of 6.6%, 6.7%, and 6.5% respectively. The high percent in South Dakota is maintained at each age level and assessment period. Additionally, South Dakota's percent is consistently among the highest of the contiguous states, often being the first or second highest for each age group for each assessment period.

FIGURE 6: PERCENT OF ALCOHOL DEPENDENCE OR ABUSE BY AGE GROUP FOR 2013-2014



| Percent of Alcohol Dependence or Abuse by All Age Groups | | | |
|--|-----------|-----------|---------|
| | 2011-2012 | 2012-2013 | 2013-14 |
| South Dakota | 8.7 | 8.0 | 7.7 |
| United States | 6.6 | 6.7 | 6.5 |

| Percent of Alcohol Dependence or Abuse by Age Group | | | | | | | | | |
|---|-----------|----------|------|-----------|----------|------|-----------|----------|------|
| | 2011-2012 | | | 2012-2013 | | | 2012-2013 | | |
| | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ |
| South Dakota | 4.31 | 17.69 | 7.66 | 3.61 | 16.94 | 6.93 | 3.01 | 15.46 | 6.85 |
| United States | 3.61 | 14.36 | 5.69 | 3.11 | 13.67 | 5.95 | 2.76 | 12.64 | 5.91 |

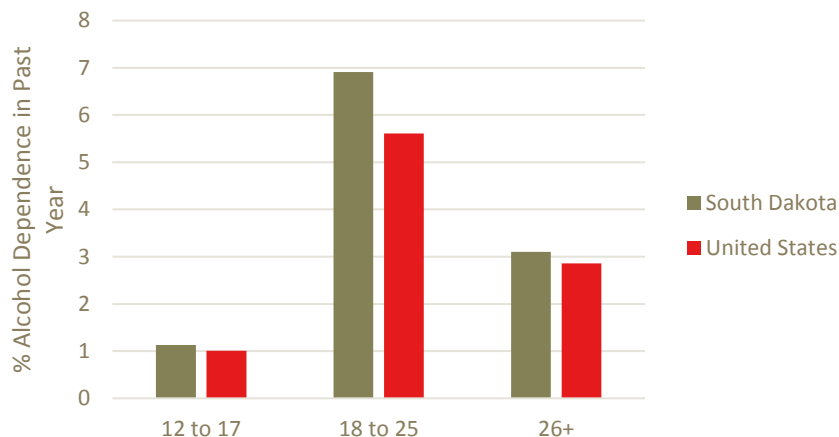
Data in percentages

Source: National Survey on Drug Use and Health (NSDUH)

Alcohol Dependence

South Dakota's percent of alcohol dependence for all ages are higher or similar to the US national average.

FIGURE 7: PERCENT OF ALCOHOL DEPENDENCE IN PAST YEAR BY AGE GROUP FOR 2013-2014



Percent of Alcohol Dependence in Past Year by All Age Groups

| | 2011-2012 | 2012-2013 | 2013-2014 |
|----------------------|-----------|-----------|-----------|
| South Dakota | 3.7 | 3.58 | 3.42 |
| United States | 3.2 | 3.18 | 3.04 |

Percent of Alcohol Dependence in Past Year by Age Group

| | 2011-2012 | | | 2012-2013 | | | 2013-2014 | | |
|---------------|-----------|----------|------|-----------|----------|------|-----------|----------|------|
| | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ |
| South Dakota | 1.56 | 6.88 | 3.37 | 1.18 | 7.17 | 3.24 | 1.13 | 6.91 | 3.1 |
| United States | 1.34 | 6.01 | 2.9 | 1.15 | 5.77 | 2.99 | 1.01 | 5.61 | 2.86 |

Data in percentages

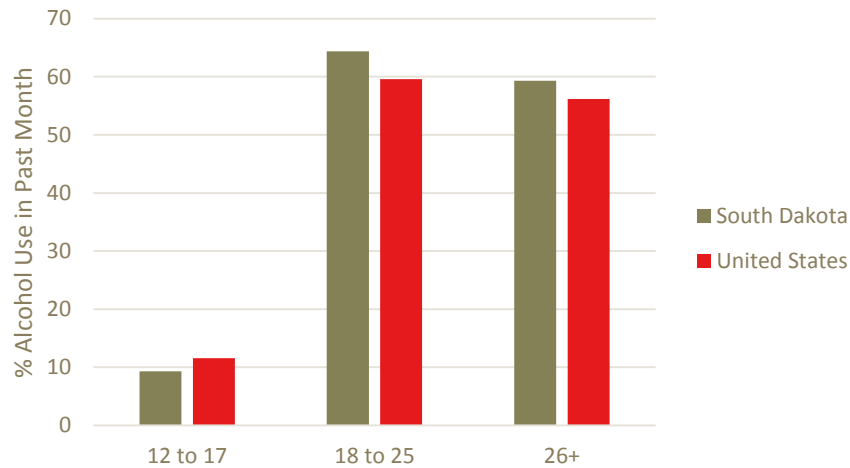
Source: National Survey on Drug Use and Healthy (NSDUH)

Alcohol Consumption

Current Alcohol Use by Persons Age 12 and Older

In terms of alcohol use in the past month, the percent of South Dakota residents reporting alcohol use in the past month for years 2011-12, 2012-13, and 2013-14 (57.3%, 56.7%, and 55.2%) are higher than the national averages of 51.9%, 52.1%, and 52.42% respectively.

FIGURE 8: PERCENT REPORTING ALCOHOL USE IN PAST MONTH BY AGE GROUP FOR 2013-2014



| Percent of Alcohol Use in Past Month by All Age Groups | | | |
|--|-----------|-----------|-----------|
| | 2011-2012 | 2012-2013 | 2013-2014 |
| South Dakota | 57.29 | 56.7 | 55.21 |
| United States | 51.94 | 52.13 | 52.42 |

| Percent of Alcohol Use in Past Month by Age Group | | | | | | | | | |
|---|-----------|----------|-------|-----------|----------|-------|-----------|----------|-------|
| | 2011-2012 | | | 2012-2013 | | | 2013-2014 | | |
| | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ |
| South Dakota | 14.13 | 67.82 | 60.79 | 10.52 | 64.36 | 61.07 | 9.29 | 64.39 | 59.3 |
| United States | 13.11 | 60.45 | 55.33 | 12.23 | 59.91 | 55.73 | 11.55 | 59.6 | 56.18 |

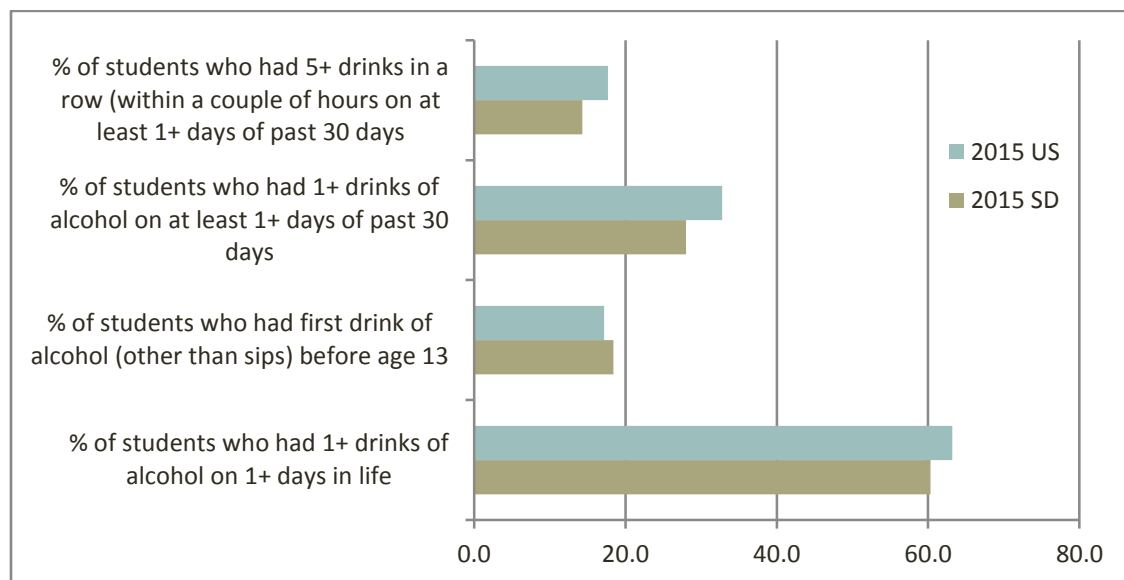
Data in percentages

Source: National Survey on Drug Use and Health (NSDUH)

Alcohol Use by High School Students

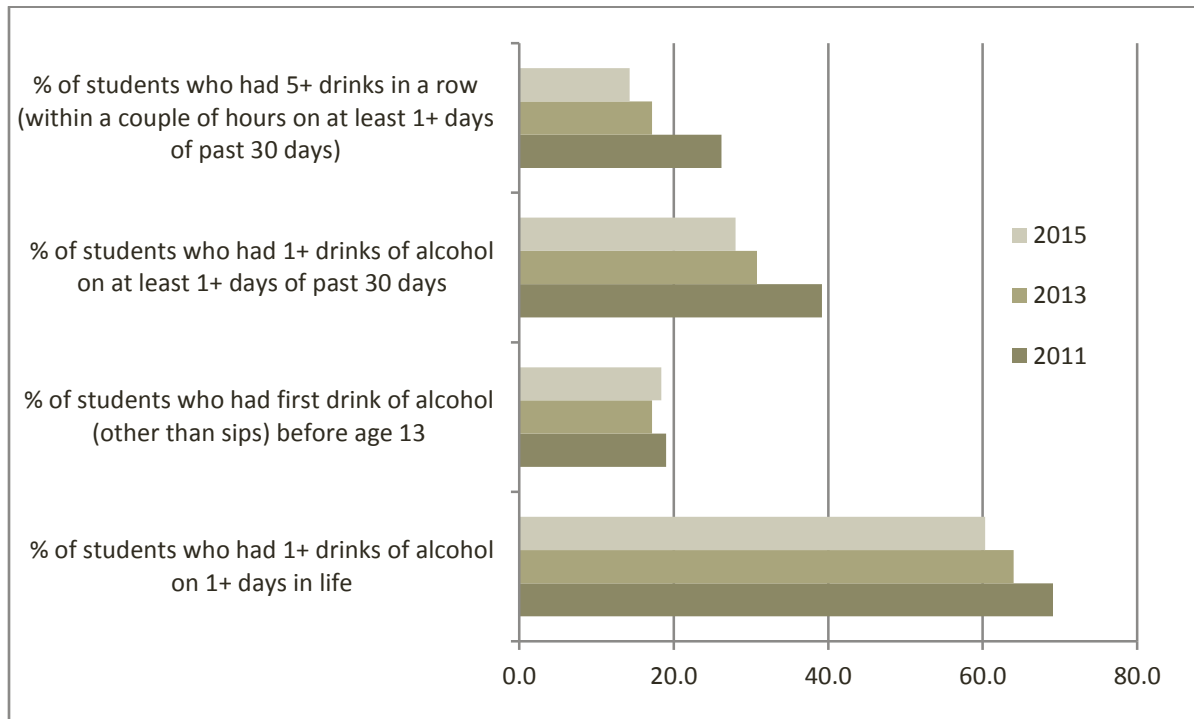
There was no statistical difference between South Dakota students and their national peers in current alcohol use, binge alcohol use, early initiation of alcohol use or lifetime alcohol use for 2015.

FIGURE 9: PREVALENCE OF PROBLEM DRINKING BEHAVIOR AMONG HIGH SCHOOL STUDENTS, SOUTH DAKOTA COMPARED TO US



Source: Youth Risk Behavior Surveillance System (YRBSS)

FIGURE 10: PREVALENCE OF PROBLEM DRINKING BEHAVIOR AMONG SOUTH DAKOTA HIGH SCHOOL STUDENTS, 2011-2015

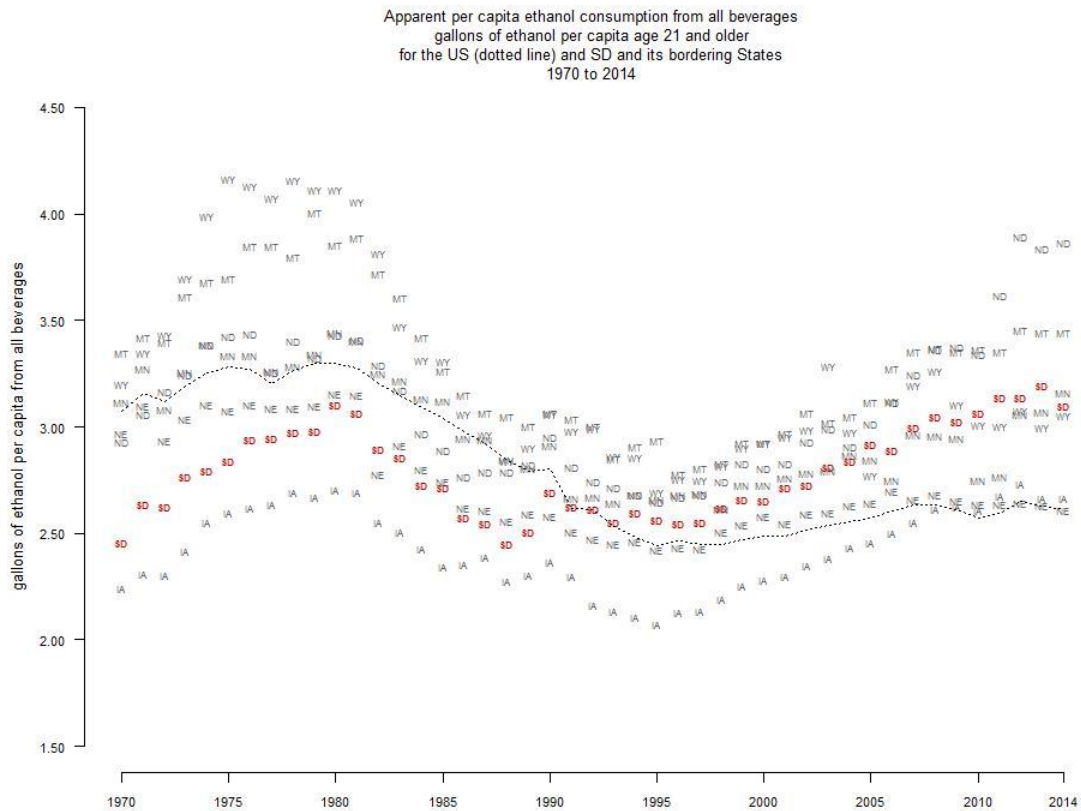


Source: Youth Risk Behavior Surveillance System (YRBSS)

Since 2011, the binge alcohol, current alcohol, and lifetime alcohol rate among high school students in SD have dropped.

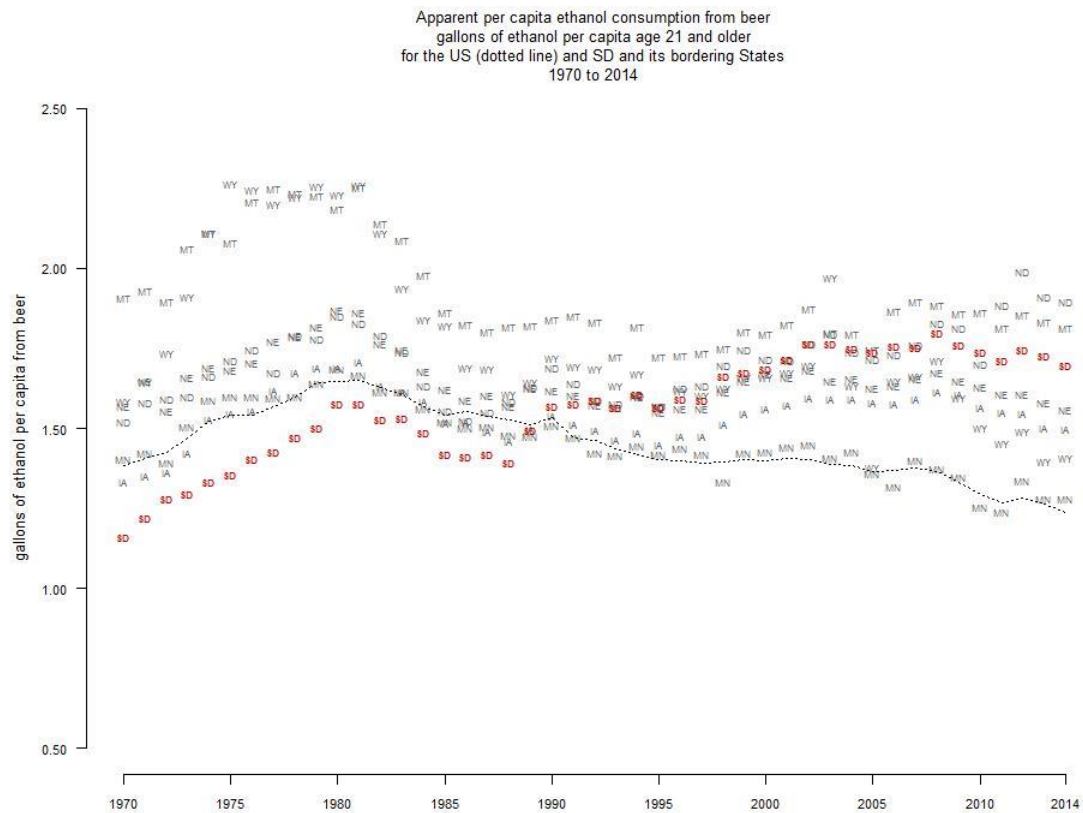
Sales-Alcohol

In 2014, South Dakota had the fourth highest, compared with itself and its six bordering states, in total ethanol consumption from all drinks, drinking only less than North Dakota, Montana, and Minnesota.



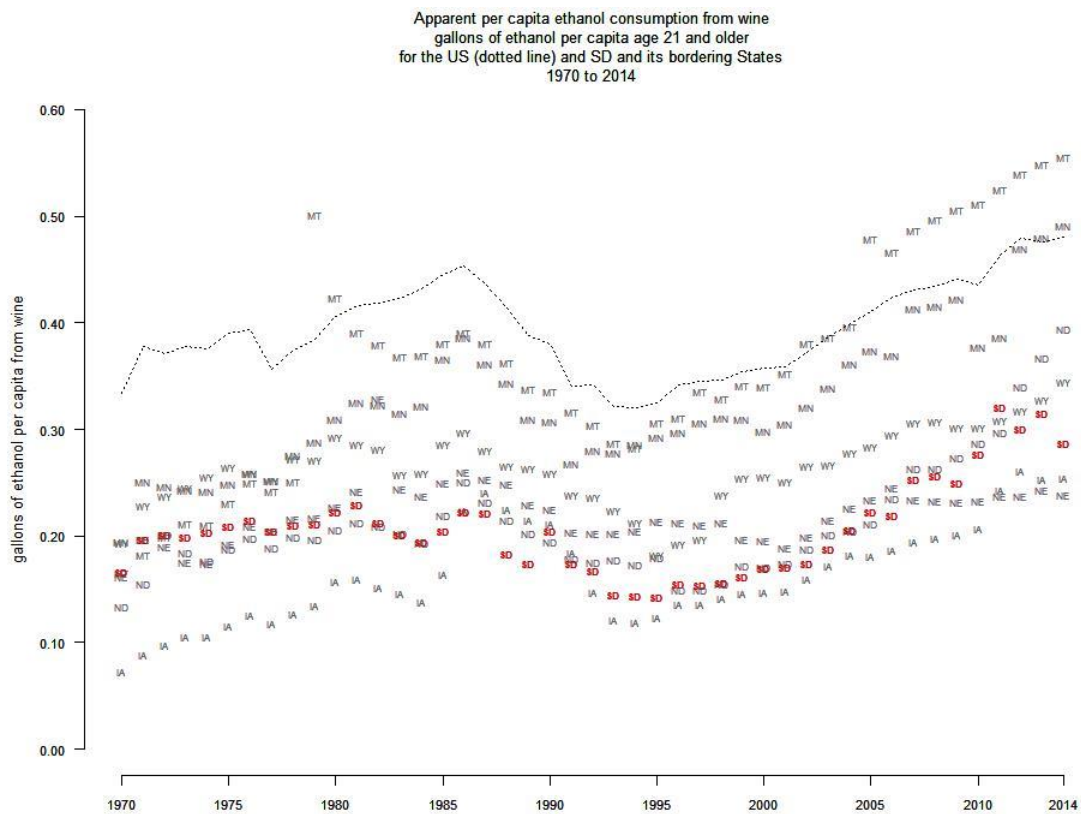
Apparent Per Capita Alcohol Consumption: National, State, and Regional Trends, 1977 - 2014.
Bethesda, MD: National Institute on Alcohol Abuse and Alcoholism.

In 2014, South Dakota had the third highest, compared with itself and its six bordering states, in total ethanol consumption from beer, drinking only less than North Dakota and Montana.



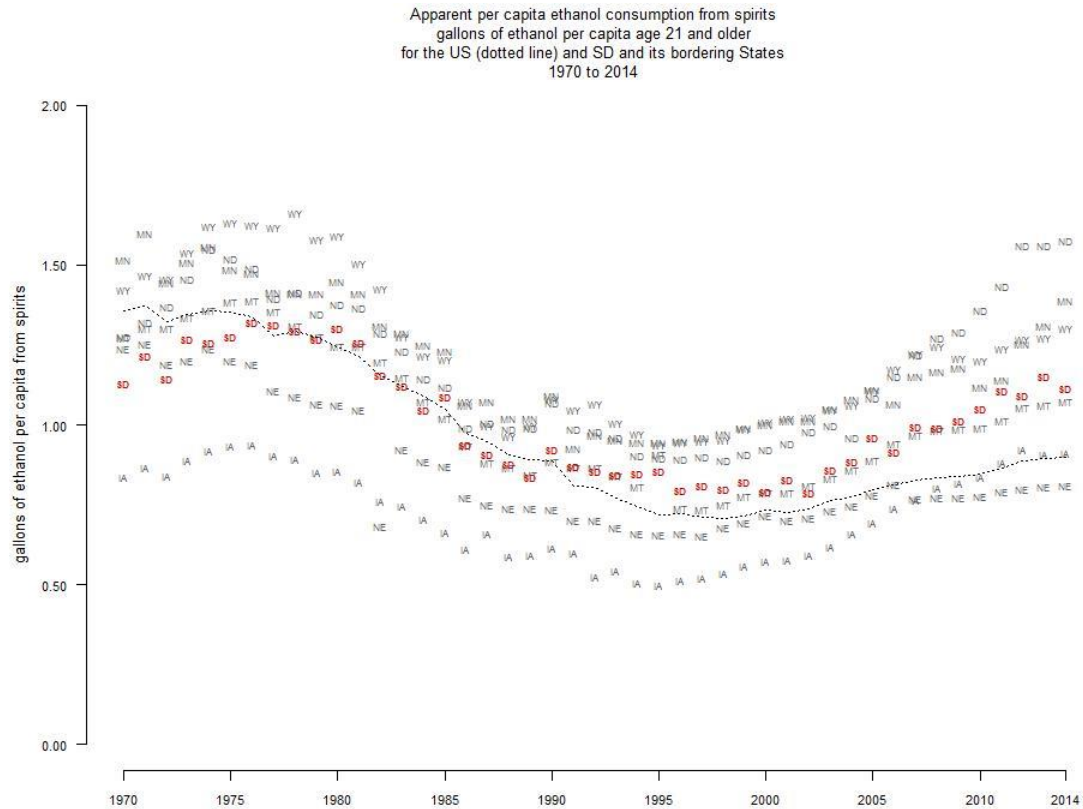
Apparent Per Capita Alcohol Consumption: National, State, and Regional Trends, 1977 - 2014.
Bethesda, MD: National Institute on Alcohol Abuse and Alcoholism.

In 2014, South Dakota had the fifth highest, compared with itself and its six bordering states, in total ethanol consumption from wine, drinking only less than Minnesota and Montana.



Apparent Per Capita Alcohol Consumption: National, State, and Regional Trends, 1977 - 2014.
Bethesda, MD: National Institute on Alcohol Abuse and Alcoholism.

In 2014, South Dakota had the fourth highest, compared with itself and its six bordering states, in total ethanol consumption from spirits, drinking only less than North Dakota, Minnesota, and Montana

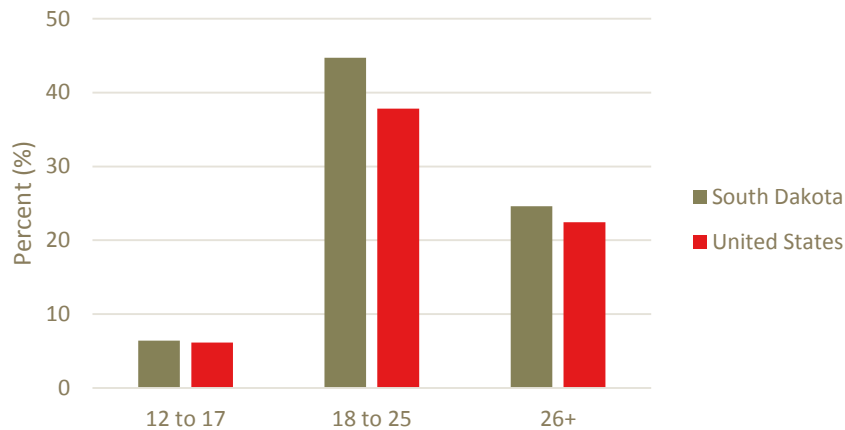


Apparent Per Capita Alcohol Consumption: National, State, and Regional Trends, 1977 - 2014.
Bethesda, MD: National Institute on Alcohol Abuse and Alcoholism.

Current Binge Drinking by Persons Age 12 and Older

For individuals age 12 and above, binge drinking was higher in South Dakota than the national percent in all age groupings. In 2013-2014, the greatest difference was in the age group of 18-25 where 44.74% of South Dakota residence reported binge drinking opposed to 37.82% of US residence reported binge drinking.

FIGURE 11: PERCENT BINGE ALCOHOL USE IN THE PAST MONTH BY AGE GROUP 2013-2014



| Percent Binge Alcohol Use in Past Month by All Age Groups | | | |
|---|-----------|-----------|-----------|
| | 2011-2012 | 2012-2013 | 2013-2014 |
| South Dakota | 28.94 | 26.56 | 25.60 |
| United States | 22.8 | 22.92 | 22.94 |

| Percent Binge Alcohol Use in Past Month by Age Group | | | | | | | | | |
|--|-----------|----------|-------|-----------|----------|-------|-----------|----------|-------|
| | 2011-2012 | | | 2012-2013 | | | 2013-2014 | | |
| | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ |
| South Dakota | 9.12 | 52.06 | 27.37 | 6.57 | 45.88 | 25.65 | 6.42 | 44.74 | 24.62 |
| United States | 7.31 | 39.65 | 21.83 | 6.73 | 38.70 | 22.21 | 6.16 | 37.82 | 22.44 |

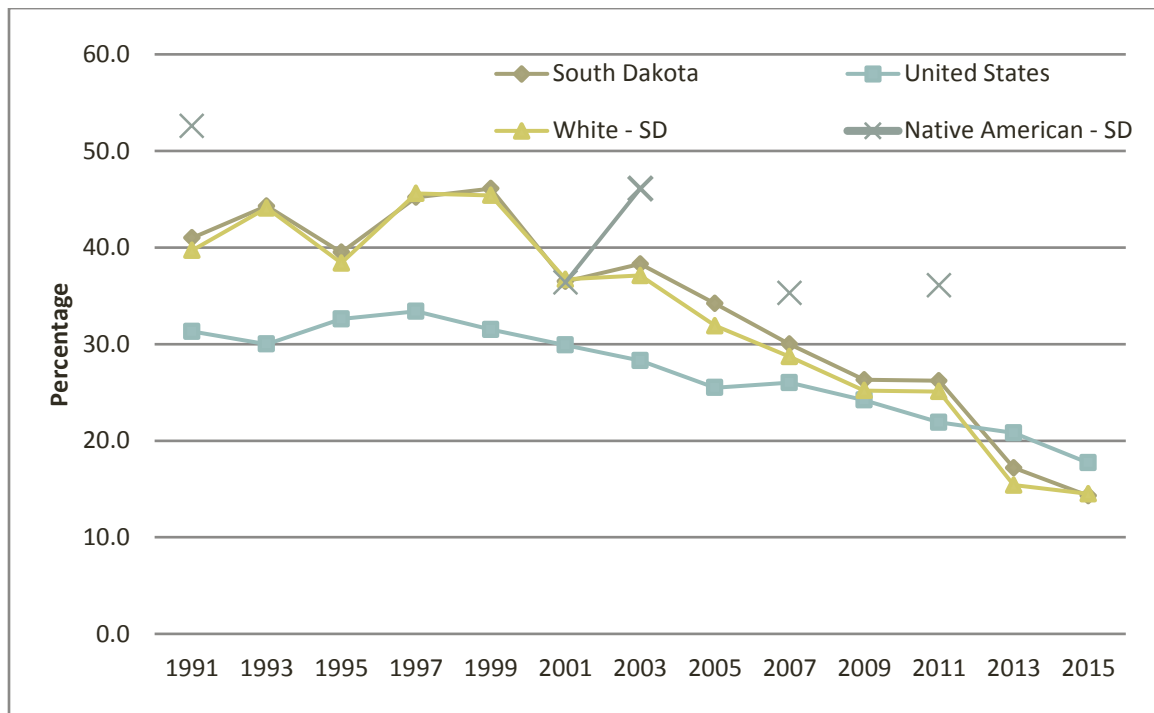
Data in percentages

Source: National Survey on Drug Use and Health (NSDUH)

Current Binge Drinking by High School Students

For the first time since results have been reported in 1991, the binge drinking rate among South Dakota students (17.2%) fell below the US student average (20.8%).

FIGURE 12: PERCENT OF STUDENTS WHO HAD FIVE OR MORE DRINKS OF ALCOHOL IN A ROW, THAT IS, WITHIN A COUPLE OF HOURS, ON ONE OR MORE DAYS OF THE PAST 30 DAYS



| Percent of Students Who Had Five or More Drinks of Alcohol in a Row, that is, Within a Couple of Hours, on One or More of the Past 30 Days | | | | |
|---|---------------|--------------|------------|----------------------|
| Year | United States | South Dakota | White - SD | Native American - SD |
| 1991 | 31.3 | 41.0* | 39.7 | 52.6 |
| 1993 | 30 | 44.3* | 44.1 | n/a |
| 1995 | 32.6 | 39.5* | 38.4 | n/a |
| 1997 | 33.4 | 45.2* | 45.6 | n/a |
| 1999 | 31.5 | 46.1* | 45.4 | n/a |
| 2001 | 29.9 | 36.5* | 36.7 | 36.4 |
| 2003 | 28.3 | 38.3* | 37.1 | 46.1 |
| 2005 | 25.5 | 34.2* | 31.9 | n/a |
| 2007 | 26 | 30.0* | 28.9 | 35.3 |
| 2009 | 24.2 | 26.3* | 25.2 | n/a |
| 2011 | 21.9 | 26.2* | 25.1 | 36.1 |
| 2013 | 20.8 | 17.2* | 15.4 | n/a |
| 2015 | 17.7 | 14.3 | 14.5 | n/a |

Data in percentages

* Difference from United States total is significant at <.05

Source: Youth Risk Behavior Surveillance System (YRBSS)

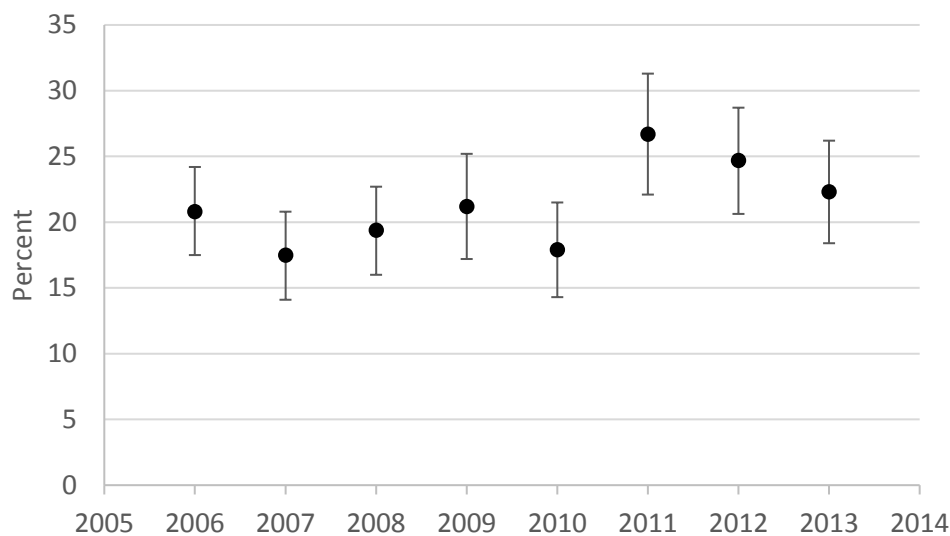
Reported Binge Drinking In Women of Childbearing Age (18-44 Years of Age)

Using the Center for Disease Control's Behavioral Risk Factor Surveillance System convention of identifying women of childbearing age as being 18 to 44 years of age, binge drinking on any occasion is summarized below for women in this age group. Note here that binge drinking is defined as 4 or more drinks on any occasion.

| Childbearing age women binge drinking on any occasion | | | | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|
| Year | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| Estimate | 20.8% | 17.5% | 19.4% | 21.2% | 17.9% | 26.7% | 24.7% | 22.3% |
| 95% Confidence Interval | (17.5-24.2) | (14.1-20.8) | (16.0-22.7) | (17.2-25.2) | (14.3-21.5) | (22.1-31.3) | (20.63-28.71) | (18.4-26.2) |

Source: Behavioral Risk Factor Surveillance System Survey (BRFSS), CDC.

FIGURE 13: CHILDBEARING AGE WOMEN BINGE DRINKING ON ANY OCCASION



Source: Behavioral Risk Factor Surveillance System Survey (BRFSS), CDC.

Since 2006, the proportion of women in the population that reported binge drinking remained somewhat stable around 20%. The large increase in the year 2011 may be due to new survey and computational methods that were put in place by the CDC.

| Childbearing age women binge drinking on any occasion | | | | | |
|---|------------|----------|----------|----------|----------|
| 2013 | Age groups | | | | |
| | 18 to 24 | 25 to 29 | 30 to 34 | 35 to 39 | 40 to 44 |
| United States | 20.4% | 21.2% | 15.4% | 13.1% | 12.5% |
| South Dakota | 24.2% | 29.4% | 25.5% | 13.8% | 9.8% |

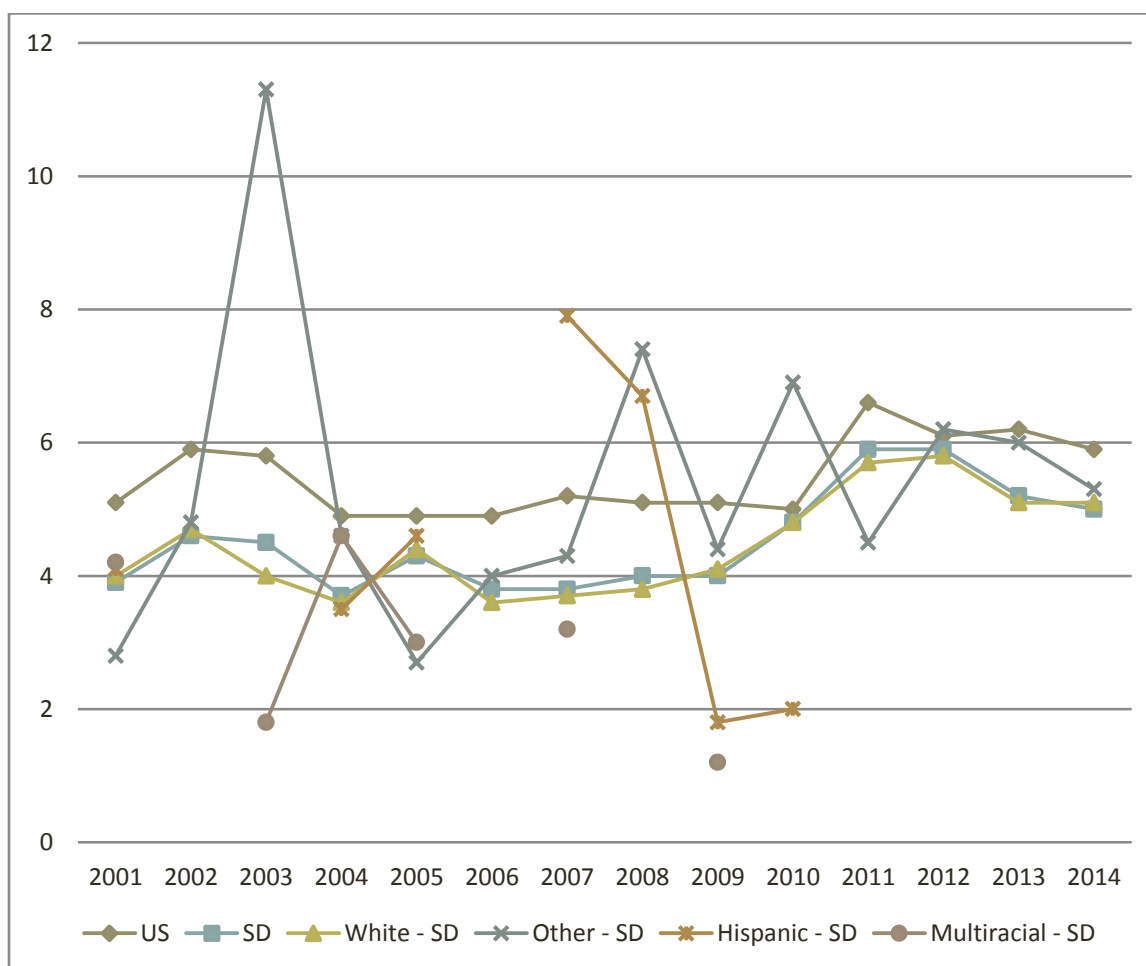
Source: Behavioral Risk Factor Surveillance System Survey (BRFSS), CDC.

Women in South Dakota reported binge drinking at higher percentages than their United States counterpart among all age groups except for 40 to 44 year olds. The largest difference between South Dakota and the United States occurred among 30 to 34 year olds (15.4 to 25.5, respectively). The 2012 Center for Disease Control National Vital Statistics System stated that approximately 92.0% of all births in the United States and 92.2% of births in South Dakota were from mothers 20 to 44 years old.

Current Heavy Use of Alcohol by Adults Age 18 and Over

Data available through the CDC Behavioral Risk Factor Surveillance System indicates that the percent of South Dakotans that are heavy drinkers is lower for “White”, “Hispanic”, and “All Racial Groups” in comparison to national averages. The percent of heavy drinkers in the “All Racial Group” decreased .3% in South Dakota while the national percentage in the “All Racial Group” remained the same. This data should be used and interpreted with caution because of small sample sizes. Further, these results are inconsistent with the findings from the NSDUH in which South Dakota percentages for *Alcohol Use in the Past Month*, *Binge Alcohol Use in the Past Month*, *Alcohol Use and Binge Alcohol Use in Past Month*, *Alcohol Dependence or Abuse in Past Year*, and *Alcohol Dependence in Past Year* (see Appendix C Tables C9, C10, C12, C16, and C17) are all greater than the national average.

FIGURE 14: TREND IN HEAVY DRINKING AMONG SD RACES

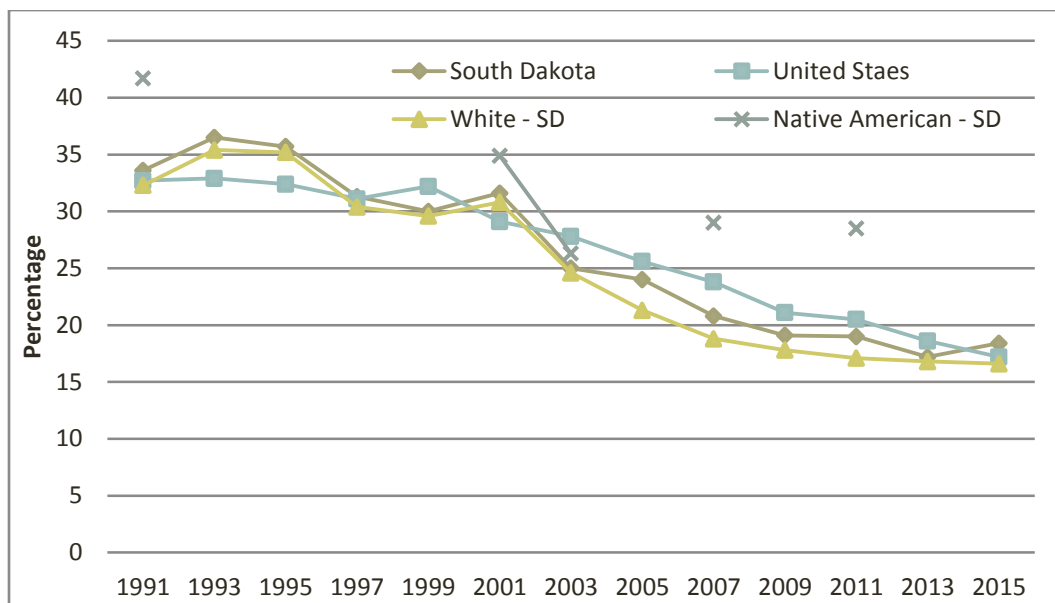


Source: Behavioral Risk Factor Surveillance System Survey (BRFSS), CDC.

Drank Alcohol for the First Time before Age 13 Years

There were no statistically significant differences between average values in South Dakota and the US for any year with respect to the percentage of students who had their first drink of alcohol other than a few sips before the age of 13. These percentages have decreased since 1991 (percentages have been suppressed in some cells due to small sample size or insufficient data).

FIGURE 15: PERCENT OF STUDENTS WHO HAD THEIR FIRST DRINK OF ALCOHOL OTHER THAN A FEW SIPS BEFORE THE AGE OF 13 YEARS BY RACE, 1991-2015



Percent of Students Who Had Their First Drink of Alcohol Other than a Few Sips Before the Age of 13 Years by Race

| Year | United States | South Dakota | | |
|------|---------------|--------------|-------|-----------------|
| | | All Students | White | Native American |
| 1991 | 32.7 | 33.6 | 32.3 | 41.7 |
| 1993 | 32.9 | 36.5 | 35.4 | n/a |
| 1995 | 32.4 | 35.7 | 35.2 | n/a |
| 1997 | 31.1 | 31.3 | 30.4 | n/a |
| 1999 | 32.2 | 30.0 | 29.6 | n/a |
| 2001 | 29.1 | 31.6 | 30.8 | 34.9 |
| 2003 | 27.8 | 25.0 | 24.6 | 26.3 |
| 2005 | 25.6 | 24.0 | 21.3 | n/a |
| 2007 | 23.8 | 20.8 | 18.8 | 29.0 |
| 2009 | 21.1 | 19.1 | 17.8 | n/a |
| 2011 | 20.5 | 19.0 | 17.1 | 28.5 |
| 2013 | 18.6 | 17.2 | 16.8 | n/a |
| 2015 | 17.2 | 18.4 | 16.6 | n/a |

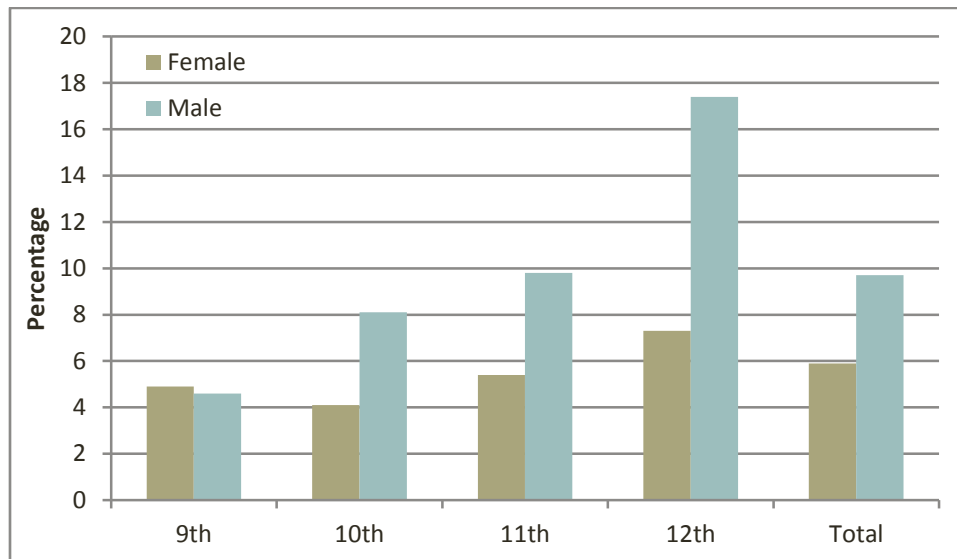
Data in percentages

Source: Youth Risk Behavior Surveillance System (YRBSS)

Drinking and Driving Among High School Students

In 2013, students in South Dakota were more likely than students nationally to drive cars or other vehicles when they had been drinking alcohol one or more times during the past 30 days. Student reports of drinking while driving rates have substantially declined since 1999 in South Dakota. A similar survey taken by students in 2015 recorded drinking while driving rates among students who had driven a car or other vehicle in the past 30 days. The drinking and driving rate among students who have driven a car or other vehicle in the past 30 days was significantly lower in the US than in SD.

FIGURE 16: PERCENT OF STUDENTS WHO DROVE A CAR OR OTHER VEHICLE WHEN THEY HAD BEEN DRINKING ALCOHOL ONE OR MORE TIMES DURING THE PAST 30 DAYS BY GENDER AND GRADE FOR 2015



Percent of Students who drove a car or other vehicle when they had been drinking alcohol one or more times during the past 30 days

South Dakota compared to United States Average

| Year | United States | South Dakota | p-value* | Difference |
|------|---------------|--------------|----------|-----------------|
| 1999 | 13.1 | 27.4 | <.01 | Significant |
| 2001 | 13.3 | 21.9 | <.01 | Significant |
| 2003 | 12.1 | 22.3 | <.01 | Significant |
| 2005 | 9.9 | 17.2 | <.01 | Significant |
| 2007 | 10.5 | 13.0 | .06 | Not Significant |
| 2009 | 9.7 | 10.9 | .26 | Not Significant |
| 2011 | 8.2 | 10.9 | .03 | Significant |
| 2013 | 6.6 | 10.0 | .01 | Significant |
| 2015 | 7.8 | 7.9 | .95 | Not Significant |

Data in percentages

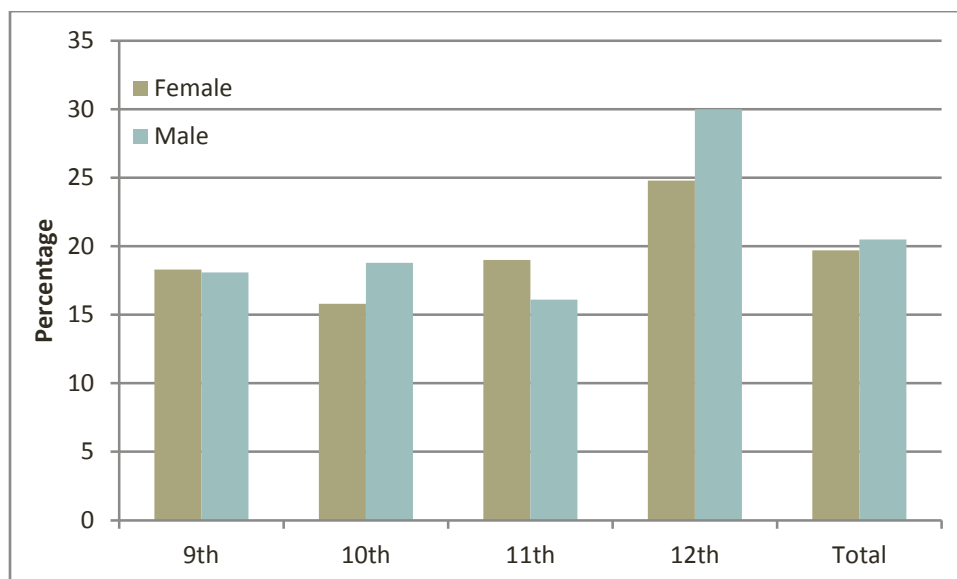
*p-values less than 0.05 indicate statistically a significant sample

Source: Youth Risk Behavior Surveillance System (YRBSS)

Riding with someone who has been drinking among High School Students

In 2013 students in South Dakota report being less likely than students nationally to ride in cars or other vehicles driven by someone who had been drinking alcohol one or more times during the past 30 days. In 2015, while South Dakota students were a slight percentage more likely to ride with a drinking driver, this number is not significantly different.

FIGURE 17: PERCENT OF STUDENTS WHO RODE IN A CAR DRIVEN BY SOMEONE WHO HAD BEEN DRINKING ALCOHOL, ONE OR MORE TIMES IN THE PAST 30 DAYS BY GRADE AND GENDER FOR 2015



**Percent of Students who rode in a car or other vehicle driven by someone who had been drinking alcohol one or more times during the past 30 days
South Dakota compared to United States Average**

| Year | United States | South Dakota | p-value* | Difference |
|---------------------|---------------|--------------|--|-----------------|
| 1999 | 33.1 | 44.0 | <.01 | Significant |
| 2001 | 30.7 | 38.1 | <.01 | Significant |
| 2003 | 30.2 | 36.3 | .03 | Significant |
| 2005 | 28.5 | 32.0 | .15 | Not Significant |
| 2007 | 29.1 | 24.3 | <.01 | Significant |
| 2009 | 28.3 | 21.8 | <.01 | Significant |
| 2011 | 24.1 | 23.2 | 0.70 | Not Significant |
| 2013 | 21.9 | 17.3 | 0.01 | Significant |
| 2015 | 20.0 | 20.1 | 0.94 | Not Significant |
| Data in percentages | | | *p-values less than 0.05 indicate statistically a significant sample | |

Source: Youth Risk Behavior Surveillance System (YRBSS)

TOBACCO CONSEQUENCES AND CONSUMPTION

The following table presents the Indicators for Tobacco Consequences and Consumption considered and presented within this report as measures of the burden of tobacco use in South Dakota.

| Tobacco | Indicator |
|----------------|--|
| Consequences | <ul style="list-style-type: none">• Deaths from Lung Cancer• Deaths from COPD and Emphysema• Deaths from Cardiovascular Diseases |
| Consumption | <ul style="list-style-type: none">• Any Tobacco Use in the Past Month• Current Use of Cigarettes by Adults Age 18 and Older• Current Use of Cigarettes by High School Students• Current Daily Use of Cigarettes Among Adolescents• Early Initiation of Cigarette Use• Current Use of Smokeless Tobacco by High School Students• Current Perceptions of Risk of Smoking |

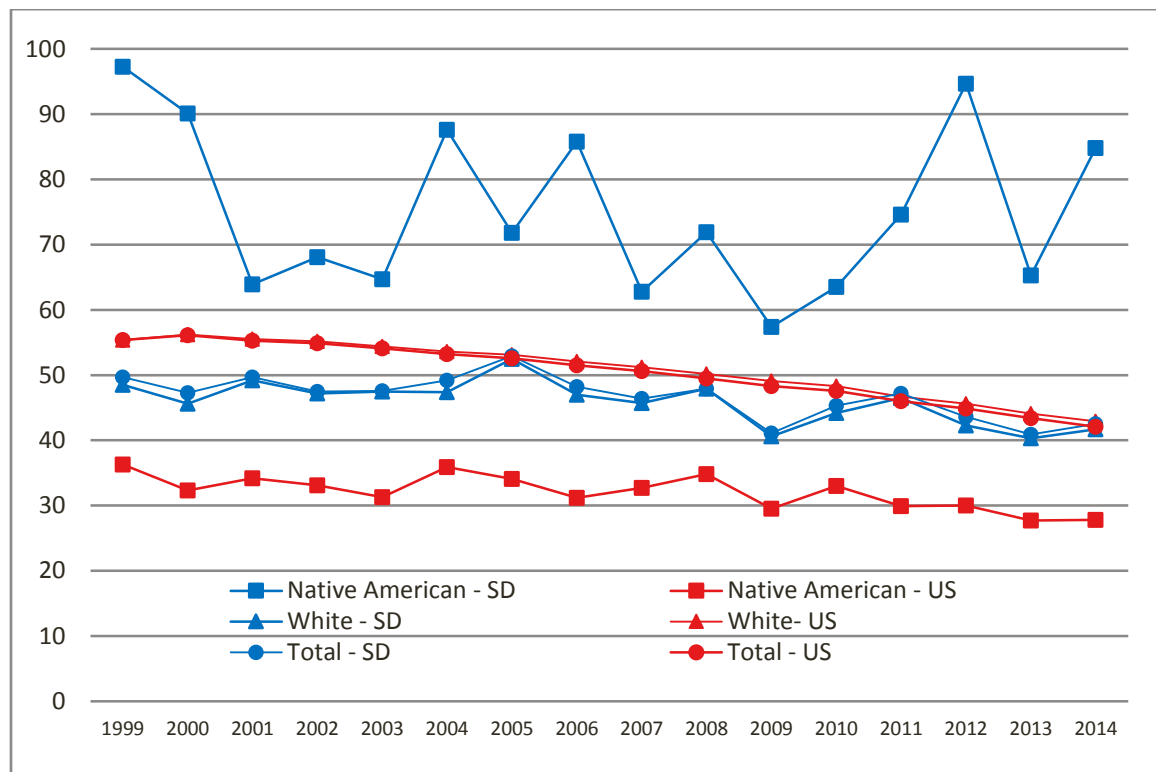
Tobacco Consequences

Deaths from Lung Cancer

South Dakota's overall age adjusted death rate per 100,000 from 1999 to 2014 for lung cancer is slightly lower or similar to the national average. The rate for Native Americans in South Dakota, however, is over twice as high as Native Americans nationally. Approximately 90% of all cases of lung cancer are attributable to smoking tobacco products.

FIGURE 18: TRENDS IN DEATHS FROM LUNG CANCER BY RACE/ETHNICITY 1999-2014

Rates per 100,000



| Deaths from Lung Cancer by Race/Ethnicity and Year | | | | | | | | | | | |
|--|------|------|------|------|--------|------|------|------|------|------|------|
| | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
| Native American - SD | 87.6 | 71.8 | 85.8 | 62.8 | 71.9** | 57.4 | 63.5 | 74.6 | 94.7 | 65.3 | 84.8 |
| Native American - US | 35.9 | 34.1 | 31.2 | 32.7 | 34.8 | 29.5 | 33.0 | 29.9 | 30.0 | 27.7 | 27.8 |
| White - SD | 47.4 | 52.5 | 47.0 | 45.7 | 47.9 | 40.6 | 44.2 | 46.5 | 42.3 | 40.3 | 41.7 |
| White- US | 53.6 | 53.1 | 52.1 | 51.2 | 50.2 | 49.1 | 48.3 | 46.7 | 45.6 | 44.1 | 42.9 |
| Total - SD | 49.2 | 52.9 | 48.2 | 46.4 | 47.9 | 41.1 | 45.3 | 47.2 | 43.6 | 40.9 | 42.5 |
| Total - US | 53.2 | 52.6 | 51.5 | 50.6 | 49.5 | 48.3 | 47.6 | 46.0 | 44.9 | 43.4 | 42.1 |

* Age Adjusted Rate Per 100,000

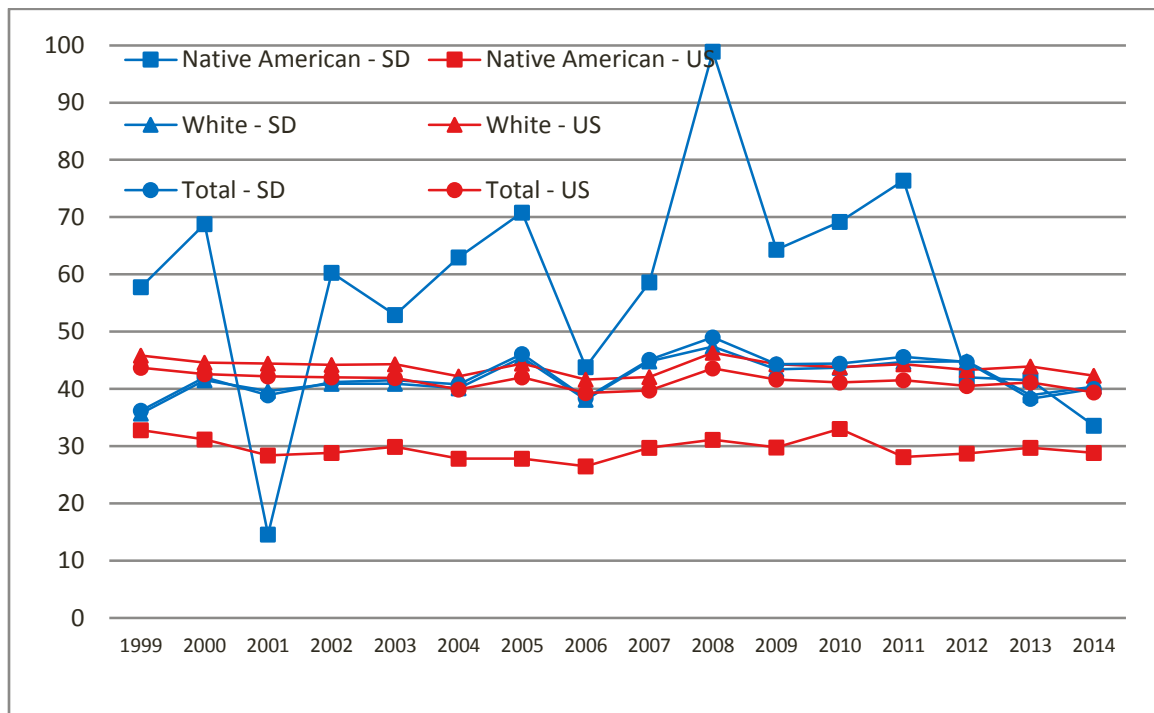
**Flagged as unreliable (rate calculated with a numerator of 20 or less)

Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER On-line Database, compiled from Compressed Mortality File 1999-2014 Series 20 No. 2P, 2014.

Deaths from COPD and Emphysema

Between 1999 and 2014, the total age-adjusted rate for COPD and Emphysema per 100,000 people has remained reasonably stable at both the national and South Dakota level. However, a large disparity exists between the rate of these deaths among the Native American population at the state and national level. Except for 2001, every year the age-adjusted rate in South Dakota among the Native American population was higher than the Native American population across the entire US. Eighty percent of chronic obstructive pulmonary (COPD) and emphysema disease deaths are attributable to smoking and reflect long-term, chronic cigarette smoking.

FIGURE 19: TREND IN DEATH RATE FROM COPD AND EMPHYSEMA 1999 – 2014
RATES PER 100,000



Deaths from COPD and Emphysema 2004-2014

| | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|----------------------|------|------|------|------|------|------|------------|------|------|------|------|
| Native American - SD | 63.0 | 70.8 | 43.8 | 58.6 | 98.9 | 64.3 | 69.2* * | 76.4 | 42.0 | 41.5 | 33.6 |
| Native American - US | 27.8 | 27.8 | 26.5 | 29.7 | 31.1 | 29.8 | 33.0 | 28.1 | 28.7 | 29.7 | 28.8 |
| White - SD | 40.1 | 45.5 | 38.1 | 44.8 | 47.4 | 43.4 | 43.7 | 44.7 | 44.8 | 38.9 | 40.4 |
| White - US | 42.2 | 44.4 | 41.6 | 42.1 | 46.3 | 44.3 | 43.8 | 44.3 | 43.3 | 43.9 | 42.3 |
| Total - SD | 40.8 | 46.1 | 38.4 | 45.1 | 49.0 | 44.3 | 44.4 | 45.6 | 45.6 | 38.3 | 40.0 |
| Total - US | 39.9 | 42.0 | 39.3 | 39.7 | 43.6 | 41.6 | 41.1 | 41.5 | 40.5 | 41.1 | 39.4 |

* Age Adjusted Rate Per 100,000

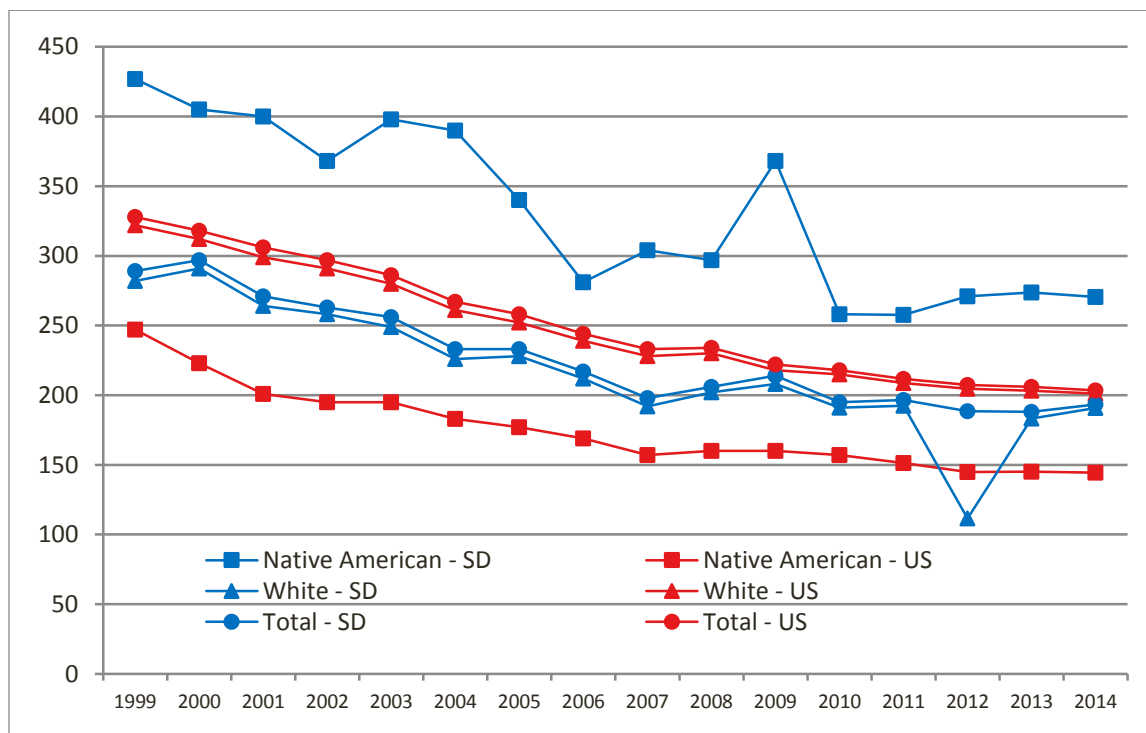
**Flagged as unreliable (rate calculated with a numerator of 20 or less)

Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER Online Database, compiled from Compressed Mortality File 1999-2014 Series 20 No. 2P, 2014.

Deaths from Cardiovascular Disease

Cigarette smoking is one of many risk factors contributing to cardiovascular disease. While the age-adjusted rate for whites in South Dakota remains slightly lower than that for whites in the US, the age-adjusted rate for “Native American” has remained significantly higher at the state level than at the national level. While the total age-adjusted rate of deaths from cardiovascular diseases has been lower (since 2000) in South Dakota than in the US, the consistent high levels of deaths from this disease among the “Native American” population within the state is cause for concern.

FIGURE 20: DEATHS FROM CARDIOVASCULAR DISEASE BY RACE/ETHNICITY 1999-2014
RATES PER 100,000



| | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|----------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| Native American - SD | 390 | 340 | 281 | 304 | 297 | 368 | 258 | 257.6 | 271 | 273.7 | 270.4 |
| Native American - US | 183 | 177 | 169 | 157 | 160 | 160 | 157 | 151.3 | 144.9 | 145.2 | 144.5 |
| White - SD | 226 | 228 | 212 | 192 | 202 | 208 | 191 | 192.3 | 111.6 | 183.3 | 190.7 |
| White - US | 261 | 252 | 239 | 228 | 230 | 218 | 215 | 208.7 | 204.5 | 203.1 | 201.1 |
| Total - SD | 233 | 233 | 217 | 198 | 206 | 214 | 195 | 196.5 | 188.4 | 188 | 193.3 |
| Total - US | 267 | 258 | 244 | 233 | 234 | 222 | 218 | 211.6 | 207.4 | 206 | 203.4 |

* Age Adjusted Rate Per 100,000

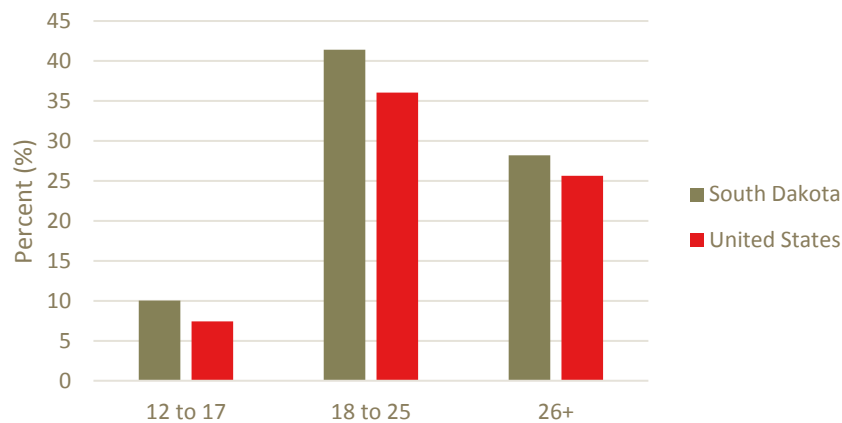
Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2014. CDC WONDER Online Database, compiled from Compressed Mortality File 1999-2014 Series 20 No. 2P, 2014.

Tobacco Consumption

Any Tobacco Use in the Past Month

South Dakota's percentages of tobacco use in the past month are higher than national percentages for every age group listed below.

FIGURE 21: PERCENT REPORTING TOBACCO PRODUCT USE IN THE PAST MONTH BY AGE, 2013-2014



Percent of Tobacco Product Use in Past Year by Age Group

| | 2011 – 2012 | | | 2012 – 2013 | | | 2013 - 2014 | | |
|---------------|-------------|----------|-------|-------------|----------|-------|-------------|----------|-------|
| | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ |
| South Dakota | 12.40 | 48.23 | 31.29 | 9.82 | 45.21 | 30.95 | 10.02 | 41.42 | 28.19 |
| United States | 9.30 | 38.75 | 26.67 | 8.24 | 37.55 | 26.34 | 7.42 | 36.04 | 25.62 |

Data in percentages

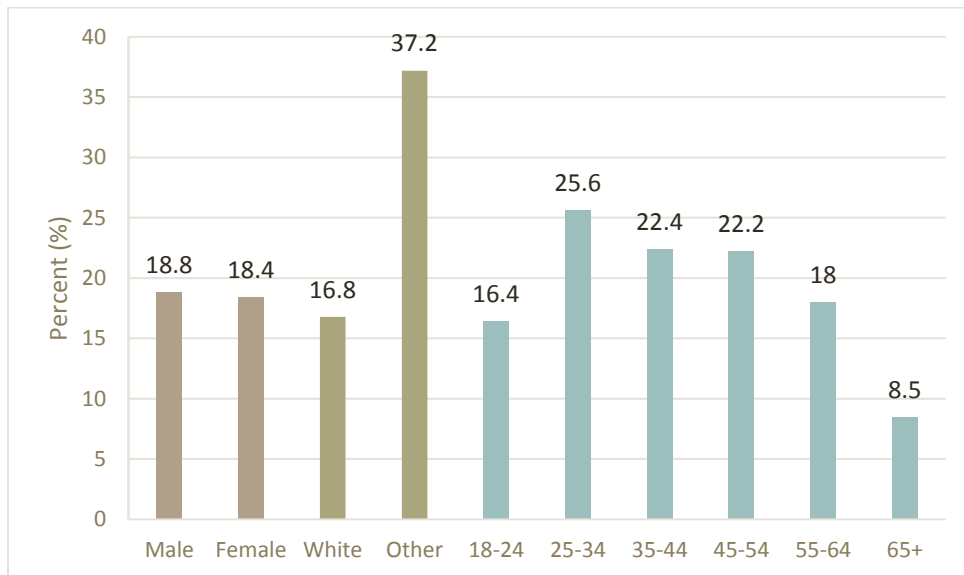
Source: National Survey on Drug Use and Health (NSDUH)

Current Use of Cigarettes by Adults Age 18 and Over

On average, 18.8% of adult men and 18.4% of adult women in South Dakota report being current smokers, defined as “smoking 100 or more cigarettes in their lifetime and also now smoke cigarettes either every day or on some days.” However, smokers are not evenly distributed among racial categories in South Dakota. While 16.8% of white adults (male and female) reported being current smokers, 37.2% of “Other Race” adults report being current smokers.

The percentage of smokers by age group was highest for 25-34 year olds (25.6%) and generally decreases as age increases.

FIGURE 22: PERCENT OF CURRENT SMOKERS BY GENDER, RACE, AND AGE GROUP 2014

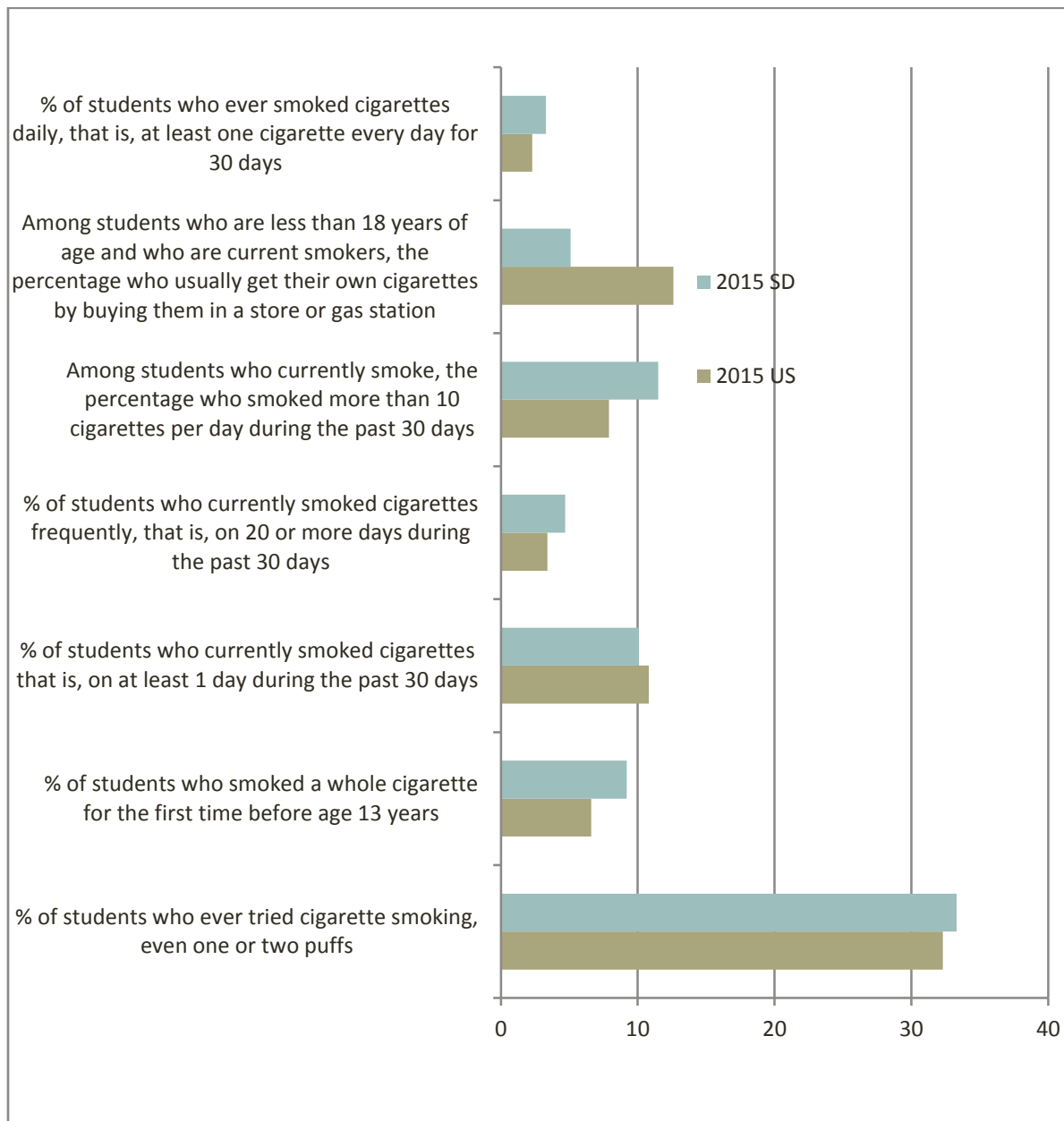


Source: Behavioral Risk Factor Surveillance System (BRFSS)

Current Use of Cigarettes by High School Students

In 2011, 23.1% of high school students reported smoking cigarettes on one or more of the past 30 days. That rate has since dropped to 10.1% of high school students in 2015. The rate of cigarette use among high school students has decreased each year from a high of 44% in 1997 (see figure 25).

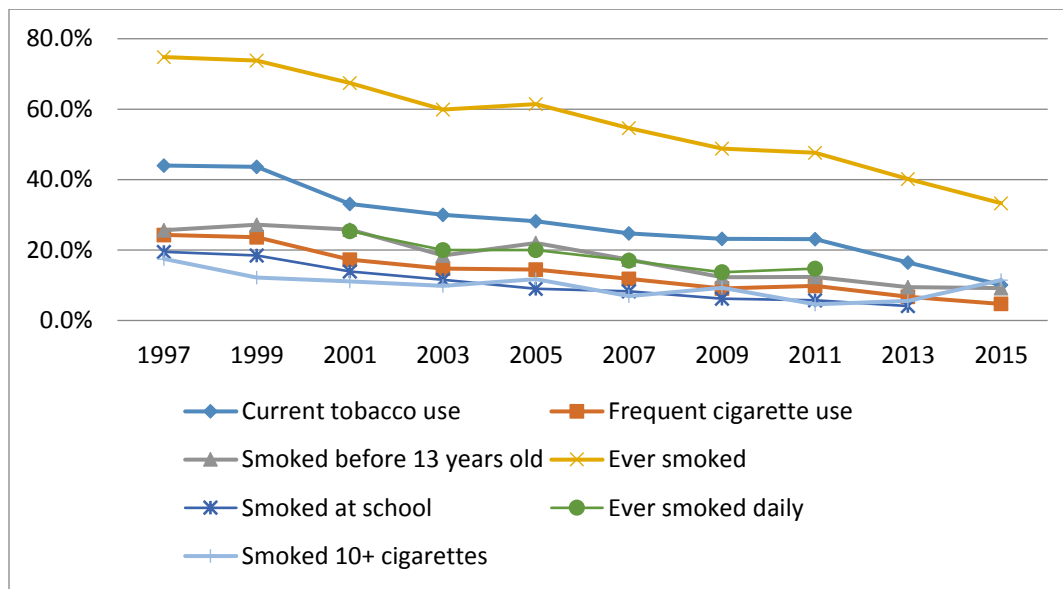
FIGURE 23: INDICATORS OF STUDENT CIGARETTE USE, SOUTH DAKOTA COMPARED TO US



Source: Youth Risk Behavior Surveillance System (YRBSS)

The percentage of students who have engaged in a variety of forms of tobacco use has steadily decreased since 1997. Each of the behaviors presented below have a strong negative correlation. That is, there is a decreasing, straight line that closely approximates the data.

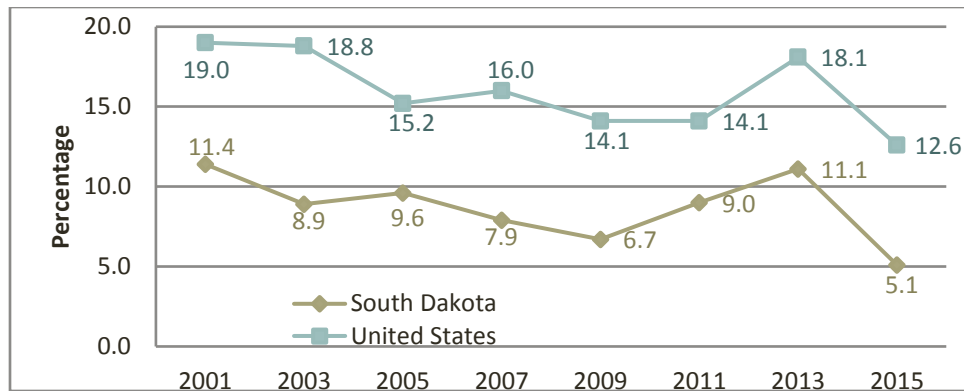
FIGURE 24: INDICATORS OF STUDENT CIGARETTE USE FOR SOUTH DAKOTA 1997-2015



Source: Youth Risk Behavior Surveillance System (YRBSS)

South Dakota students who are under the age of 18 and have smoked in the past 30 days are less likely than their national counterparts to obtain cigarettes themselves by buying them in a store or gas station during the past thirty days.

FIGURE 25: BOUGHT OWN CIGARETTES IN A STORE OR GAS STATIONS 2001-2015

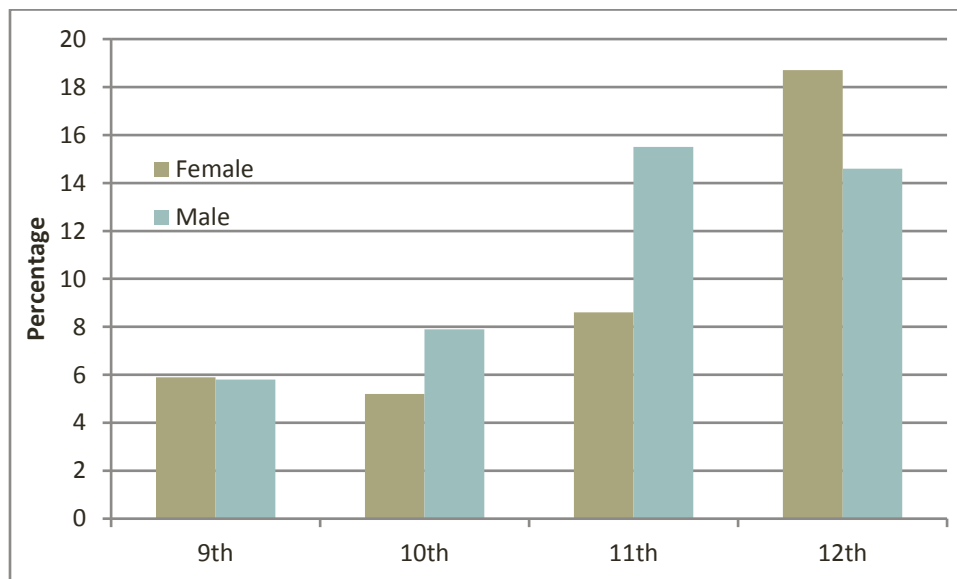


Usually Obtained Their Own Cigarettes By Buying Them In A Store Or Gas Station
among the students who were under 18 years old and who currently smoked cigarettes,
during the 30 days before the survey

| | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |
|---------------|------|------|------|------|------|------|------|------|
| South Dakota | 11.2 | 8.9 | 9.6 | 7.9 | 6.7 | 9 | 11.1 | 5.1 |
| United States | 19 | 18.8 | 15.2 | 16 | 14.1 | 14 | 18.1 | 12.6 |

Source: Youth Risk Behavior Surveillance System (YRBSS)

FIGURE 26: PERCENT OF SOUTH DAKOTA STUDENTS WHO SMOKED CIGARETTES ON ONE OR MORE OF THE PAST 30 DAYS IN 2015

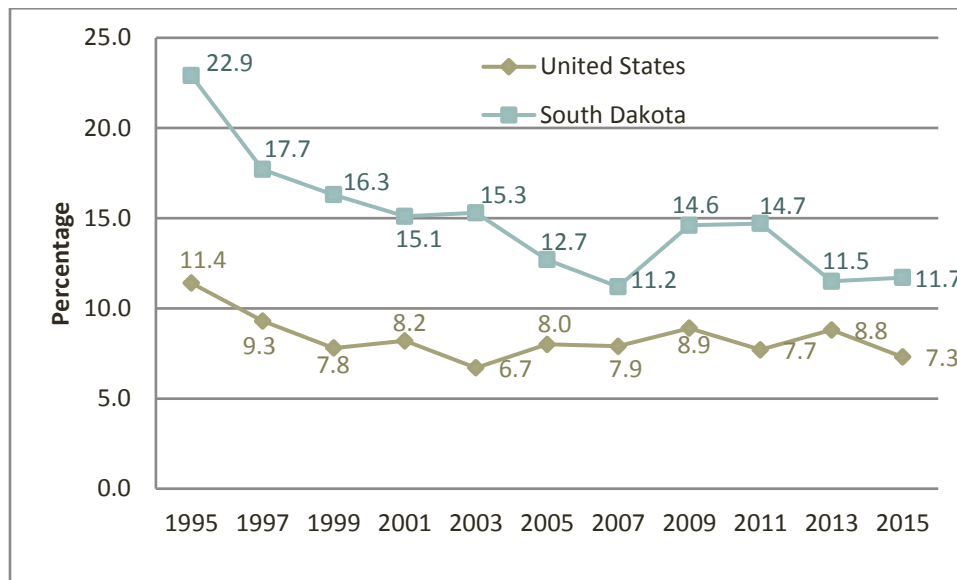


Source: Youth Risk Behavior Surveillance System (YRBSS) 2015

Youth Chewing Tobacco Use

High school students in South Dakota report higher chewing tobacco use percentages than is found at the national level. Overall, the South Dakota percent was 1.6 times higher than the national average for 2015.

FIGURE 27: PERCENT OF STUDENTS WHO USED CHEWING TOBACCO, SNUFF, OR DIP ON ONE OR MORE OF THE PAST 30 DAYS



| Percent of Students Who Used Chewing Tobacco, Snuff, or Dip on One or More of the Past 30 Days | | | | | | |
|--|------------------------|----------------------------|--------|------|-------|-----------------|
| | US | South Dakota | | | | |
| Year | Total National Percent | Total South Dakota Percent | Female | Male | White | Native American |
| 1995 | 11.4 | 22.9 | 10.8 | 34.8 | 20.3 | n/a |
| 1997 | 9.3 | 17.7 | 6.3 | 28.8 | 17.6 | n/a |
| 1999 | 7.8 | 16.3 | 6.4 | 26 | 14 | n/a |
| 2001 | 8.2 | 15.1 | 5.6 | 24.3 | 14 | 22.2 |
| 2003 | 6.7 | 15.3 | 6.7 | 23.5 | 12.8 | 32.8 |
| 2005 | 8 | 12.7 | 5.1 | 20 | 11.7 | n/a |
| 2007 | 7.9 | 11.2 | 3.3 | 18.9 | 10.2 | 14.9 |
| 2009 | 8.9 | 14.6 | 5.5 | 23.4 | 14.2 | n/a |
| 2011 | 7.7 | 14.7 | 7.1 | 22 | 12.5 | 26.7 |
| 2013 | 8.8 | 11.5 | 5.7 | 16.9 | 9.4 | 22.8 |
| 2015 | 7.3 | 11.7 | 4.0 | 18.9 | 12.4 | n/a |

Data in percentages

Source: Youth Risk Behavior Surveillance System (YRBSS)

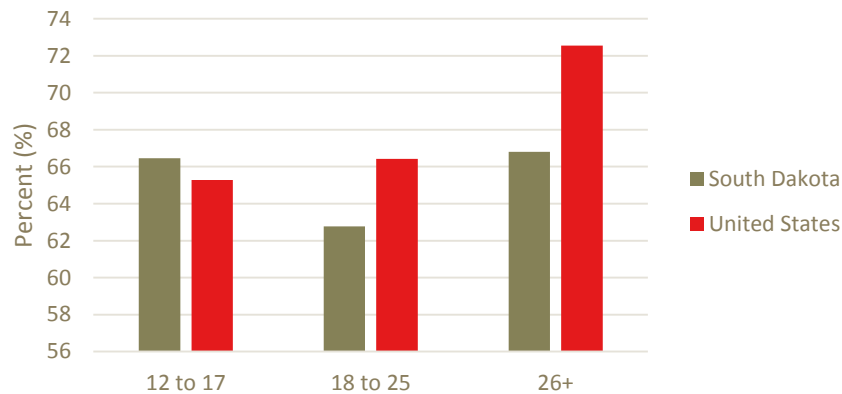
| Percent of Chewing Tobacco Use by Grade 1999 to 2015 – South Dakota Only | | | | | | | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|
| Grade | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |
| 9 | 28.3 | 17.6 | 13.2 | 13.8 | 8.5 | 12.6 | 8.5 | 9.2 | 8.4 | 7.4 | 3.7 |
| | (15.9-45.2) | (12.5-24.2) | (9.3-18.4) | (10.6-17.9) | (4.5-15.4) | (7.1-21.5) | (4.9-14.4) | (5.7-14.5) | (6.2-11.3) | (8.3-15.8) | (2.2-6.0) |
| 10 | 23.5 | 14.4 | 14.8 | 14.7 | 14.1 | 11.9 | 12.3 | 15.4 | 12.6 | 11.8 | 11.9 |
| | (16.9-31.9) | (10.9-18.7) | (9.9-21.5) | (10.0-21.2) | (9.0-21.2) | (7.5-18.5) | (7.4-19.8) | (11.1-21.1) | (7.8-19.8) | (6.5-20.6) | (9.0-15.7) |
| 11 | 20.1 | 21.2 | 15.8 | 15.6 | 18.4 | 10.8 | 10 | 15.5 | 14.5 | 10.6 | 11.8 |
| | (12.3-31.0) | (16.1-27.3) | (11.4-21.5) | (10.7-22.4) | (11.2-28.8) | (8.1-14.3) | (7.2-13.7) | (11.5-20.6) | (8.6-23.5) | (5.9-18.4) | (8.2-16.7) |
| 12 | 18.4 | 17.8 | 21.9 | 16.6 | 20.7 | 15.5 | 14.2 | 18.9 | 24.4 | 16.6 | 19.3 |
| | (12.6-26.2) | (13.1-23.6) | (16.7-28.2) | (11.5-23.4) | (13.7-29.9) | (11.0-21.4) | (9.2-21.3) | (13.4-25.9) | (18.2-32.0) | (11.0-24.3) | (11.7-30.0) |

Source: Youth Risk Behavior Surveillance System (YRBSS)

Perception of Risk of Smoking

See Appendix C, Table C15 for the percentages listed in this section. South Dakotans' perception of risk associated with tobacco use was lower than the national average for individuals in all three age groups as of every year since 2009-2010 with the exception of 2013-2014 12-17 age group.

FIGURE 28: PERCEPTIONS OF GREAT RISK OF SMOKING ONE OR MORE PACKS OF CIGARETTES PER DAY BY AGE GROUP IN 2013-2014



Perception of Great Risk of Smoking One or More Packs of Cigarettes Per Day, By Age Group

| | 2011-2012 | | | 2012-2013 | | | 2013-2014 | | |
|---------------|-----------|----------|-------|-----------|----------|-------|-----------|----------|-------|
| | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ |
| South Dakota | 64.73 | 59.86 | 65.53 | 64.51 | 61.89 | 65.24 | 66.46 | 62.77 | 66.8 |
| United States | 65.92 | 66.26 | 73.01 | 64.96 | 66.32 | 72.86 | 65.28 | 66.43 | 72.55 |

Data in percentages

Source: National Survey on Drug Use and Health (NSDUH)

ILLICIT DRUG USE CONSEQUENCES AND CONSUMPTION

The following table presents the Indicators for Illicit Drug Use Consequences and Consumption considered and presented within this report as measures of the burden of illicit drug use in South Dakota.

| Illicit Drug | Indicator |
|--------------|---|
| Consequences | <ul style="list-style-type: none">• Deaths from Illicit Drug Use• Violent and Property Crime Rate• Illicit Drug Dependence or Abuse |
| Consumption | <ul style="list-style-type: none">• Current Use of Marijuana by Persons Age 12 and Older• Current Use of Marijuana by High School Students• Current Use of Illicit Drugs Other Than Marijuana by Persons Age 12 and Older• High School Students Reporting Any Use of Specific Classes of Illicit Drugs in Their Lifetime• Early Initiation of Marijuana Use• Methamphetamine Use |

Illicit Drug Consequences

Deaths from Illicit Drug Use

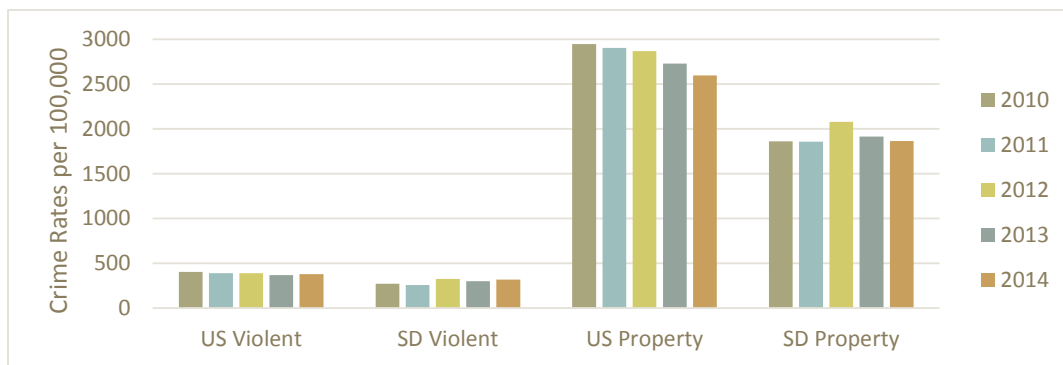
From 1999-2014 the number of *Age Adjusted Deaths from Illicit Drug Use* totaled 86 deaths in South Dakota based on mortality data from the CDC. Rates by race and year for South Dakota were suppressed as the number of deaths each year was less than 10. It should be noted that this indicator only includes deaths directly attributable to illicit drug use and not deaths in which drugs may have been a contributing but not primary cause of death.

Violent Crime and Property Crime Rates

Violent crime rate is composed of the offenses of murder and non-negligent manslaughter, forcible rape, robbery, and aggravated assault. Property crime rate is based on a number of crimes reported to law enforcement for the offenses of burglary, larceny, motor vehicle theft and arson. Often property crimes are committed by the perpetrator in order to obtain money to purchase drugs. South Dakota's property crime rate is less than half of the national average, while the violent crime rate is about one-third the national rate.

Crime indicators are listed here because of the high degree of relationship between alcohol and drug use and crime rates in South Dakota.

FIGURE 29: PROPERTY AND VIOLENT CRIME RATES PER 100,000 FOR 2010-2014 SOUTH DAKOTA COMPARED TO US



Violent Crime and Property Crime Rate for 2010, 2011, 2012, 2013, and 2014

South Dakota Compared to US

| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | |
|---------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
| | Violent Crime | Property Crime | Violent Crime | Property Crime | Violent Crime | Property Crime | Violent Crime | Property Crime | Violent Crime | Property Crime |
| South Dakota | 268.9 | 1859.9 | 255.6 | 1,857.6 | 323.8 | 2077.3 | 298.7 | 1914.7 | 316.5 | 1,863.90 |
| United States | 404.5 | 2,945.9 | 387.1 | 2905.4 | 387.8 | 2868.0 | 367.9 | 2730.7 | 379.1 | 2,596.10 |

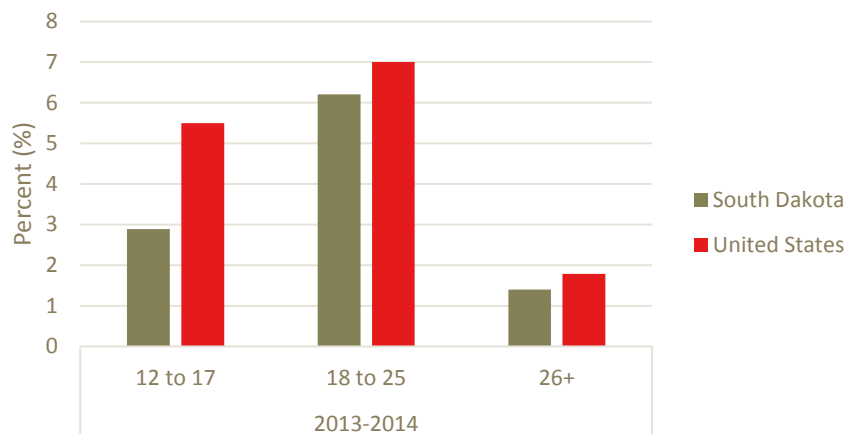
* Rate per 100,000

Source: FBI, Uniform Crime Reports

Illicit Drug Dependence or Abuse

The percentage for South Dakota for any illicit drug dependence or abuse was less than the national average across all age groups for 2013-2014.

FIGURE 30: ANY ILLICIT DRUG DEPENDENCE OR ABUSE IN PAST YEAR BY AGE GROUP FOR 2013-2014



| Any Illicit Drug Dependence or Abuse in the Past Year by All Age Groups | | | |
|---|-----------|-----------|-----------|
| | 2011-2012 | 2012-2013 | 2013-2014 |
| South Dakota | 2.38 | 2.14 | 2.20 |
| United States | 2.67 | 2.71 | 2.64 |

| Any Illicit Drug Dependence or Abuse in the Past Year by Age Group | | | | | | | | | |
|--|-----------|----------|------|-----------|----------|------|-----------|----------|------|
| | 2011-2012 | | | 2012-2013 | | | 2013-2014 | | |
| | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ |
| South Dakota | 3.79 | 5.87 | 1.6 | 2.64 | 5.67 | 1.46 | 2.89 | 6.21 | 1.4 |
| United States | 4.31 | 7.66 | 1.61 | 3.76 | 7.59 | 1.74 | 5.5 | 7.00 | 1.79 |

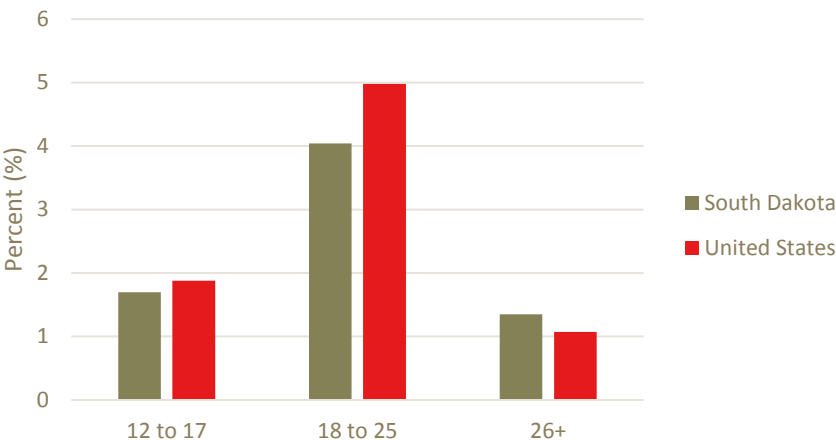
Data in percentages

Source: National Survey on Drug Use and Health (NSDUH)

Illicit Drug Dependence

In 2013-2014 South Dakota's percentage for any illicit drug dependence was less than the national average for all age groups. It should be noted that none of the differences are statistically significant.

FIGURE 31: ANY ILLICIT DRUG DEPENDENCE IN PAST YEAR BY AGE GROUP FOR 2013-2014



Any Illicit Drug Dependence in Past Year by All Age Groups

| | 2011-2012 | 2012-2013 | 2013-2014 |
|---------------|-----------|-----------|-----------|
| South Dakota | 1.41 | 1.35 | 1.5 |
| United States | 1.86 | 1.91 | 1.88 |

Any Illicit Drug Dependence in Past Year by Age Group

| | 2011-2012 | | | 2012-2013 | | | 2013-2014 | | |
|---------------|-----------|----------|------|-----------|----------|------|-----------|----------|------|
| | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ |
| South Dakota | 2.64 | 4.21 | 1.06 | 1.95 | 4.03 | 0.88 | 1.47 | 3.67 | 0.93 |
| United States | 2.54 | 5.36 | 1.14 | 2.27 | 5.43 | 1.19 | 1.96 | 5.38 | 1.31 |

Data in percentages

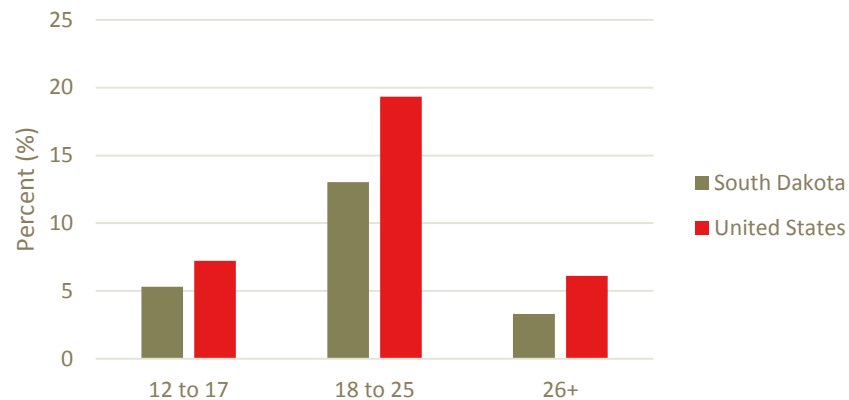
Source: National Survey on Drug Use and Health (NSDUH)

Illicit Drug Consumption

Current Use of Marijuana by Persons Age 12 and Older

For 2013-2014 South Dakota's percentage of current use of marijuana was lower than the national average for all age groups.

FIGURE 32: CURRENT USE OF MARIJUANA BY PERSONS AGE 12 AND OLDER FOR 2013-2014



| Current Use of Marijuana by Persons for All Age Groups | | | |
|--|-----------|-----------|-----------|
| | 2011-2012 | 2012-2013 | 2013-2014 |
| South Dakota | 5.79 | 5.03 | 4.81 |
| United States | 7.13 | 7.40 | 7.96 |

| Current Use of Marijuana by Persons Age 12 and Older by Age Group | | | | | | | | | |
|---|-----------|----------|------|-----------|----------|------|-----------|----------|------|
| | 2011-2012 | | | 2012-2013 | | | 2013-2014 | | |
| | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ |
| South Dakota | 6.44 | 13.95 | 4.28 | 5.16 | 12.68 | 3.67 | 5.32 | 13.02 | 3.3 |
| United States | 7.55 | 18.89 | 5.05 | 7.15 | 17.17 | 4.01 | 7.22 | 19.32 | 6.11 |

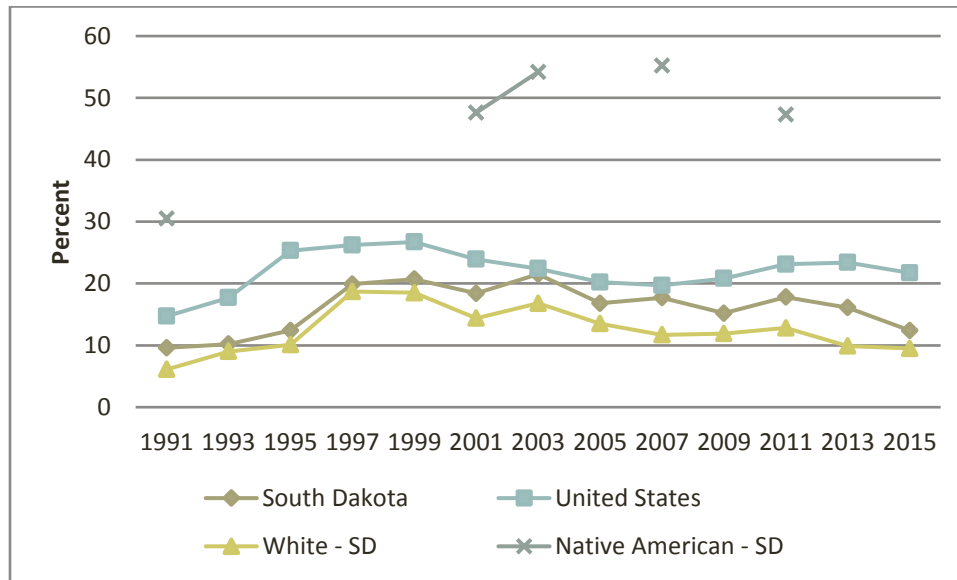
Data in percentages

Source: National Survey on Drug Use and Health (NSDUH)

Current use of Marijuana by High School Students

The percentage of all South Dakota students who report current use of marijuana (12.4%) was lower than the national average (21.7%) in 2015. Current use of marijuana by Native American students in South Dakota was unreported or suppressed due to insufficient data in 2015.

FIGURE 33: PERCENT OF STUDENTS WHO USED MARIJUANA ONE OR MORE TIMES DURING THE PAST 30 DAYS 1991 TO 2015



Percent of Students Who Used Marijuana One or More Times During the Past 30 Days

| Year | South Dakota | | | US |
|------|--------------|-------|-----------------|------|
| | All Students | White | Native American | |
| 1991 | 9.6 | 6.1 | 30.5 | 14.7 |
| 1993 | 10.2 | 9.0 | n/a | 17.7 |
| 1995 | 12.4 | 10.1 | n/a | 25.3 |
| 1997 | 19.9 | 18.7 | n/a | 26.2 |
| 1999 | 20.7 | 18.5 | n/a | 29.7 |
| 2001 | 18.4 | 14.4 | 47.6 | 23.9 |
| 2003 | 21.5 | 16.8 | 54.2 | 22.4 |
| 2005 | 16.8 | 13.5 | n/a | 20.2 |
| 2007 | 17.7 | 11.7 | 55.2 | 19.7 |
| 2009 | 15.2 | 11.9 | n/a | 20.8 |
| 2011 | 17.8 | 12.8 | 47.3 | 23.1 |
| 2013 | 16.1 | 9.9 | n/a | 23.4 |
| 2015 | 12.4 | 9.5 | n/a | 21.7 |

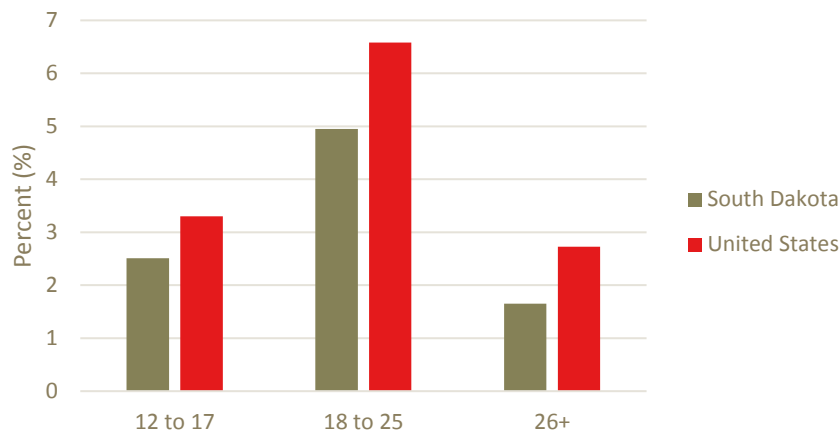
Data in percentages

Source: Youth Risk Behavior Surveillance System (YRBSS)

Current Use of Illicit Drugs Other than Marijuana

The overall percentage of current use of illicit drugs other than marijuana for South Dakota during 2013-2014 (2.18%) was equal to the national average. The percentage of 12-17 year olds reporting current use of illicit drugs other than marijuana for South Dakota during 2011-2012, 2012-2013, and 2013-2014 was 3.25, 2.46, and 2.51 respectively (all years were lower than the national average).

FIGURE 34: ANY ILLICIT DRUG OTHER THAN MARIJUANA IN THE PAST MONTH BY AGE GROUP FOR 2013-2014



Any Illicit Drug Other Than Marijuana in the Past Month by All Age Groups

| | 2011-2012 | 2012-2013 | 2013-2014 |
|---------------|-----------|-----------|-----------|
| South Dakota | 2.81 | 2.44 | 2.18 |
| United States | 3.27 | 3.36 | 3.3 |

Any Illicit Drug Other Than Marijuana in the Past Month by Age Group

| | 2011-2012 | | | 2012-2013 | | | 2013-2014 | | |
|---------------|-----------|----------|------|-----------|----------|------|-----------|-------|------|
| | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18 to 25 | 26+ | 12 to 17 | 18-25 | 26+ |
| South Dakota | 3.25 | 5.67 | 2.26 | 2.46 | 5.42 | 1.92 | 2.51 | 4.95 | 1.65 |
| United States | 3.9 | 7.00 | 2.54 | 3.36 | 6.88 | 2.75 | 3.30 | 6.58 | 2.73 |

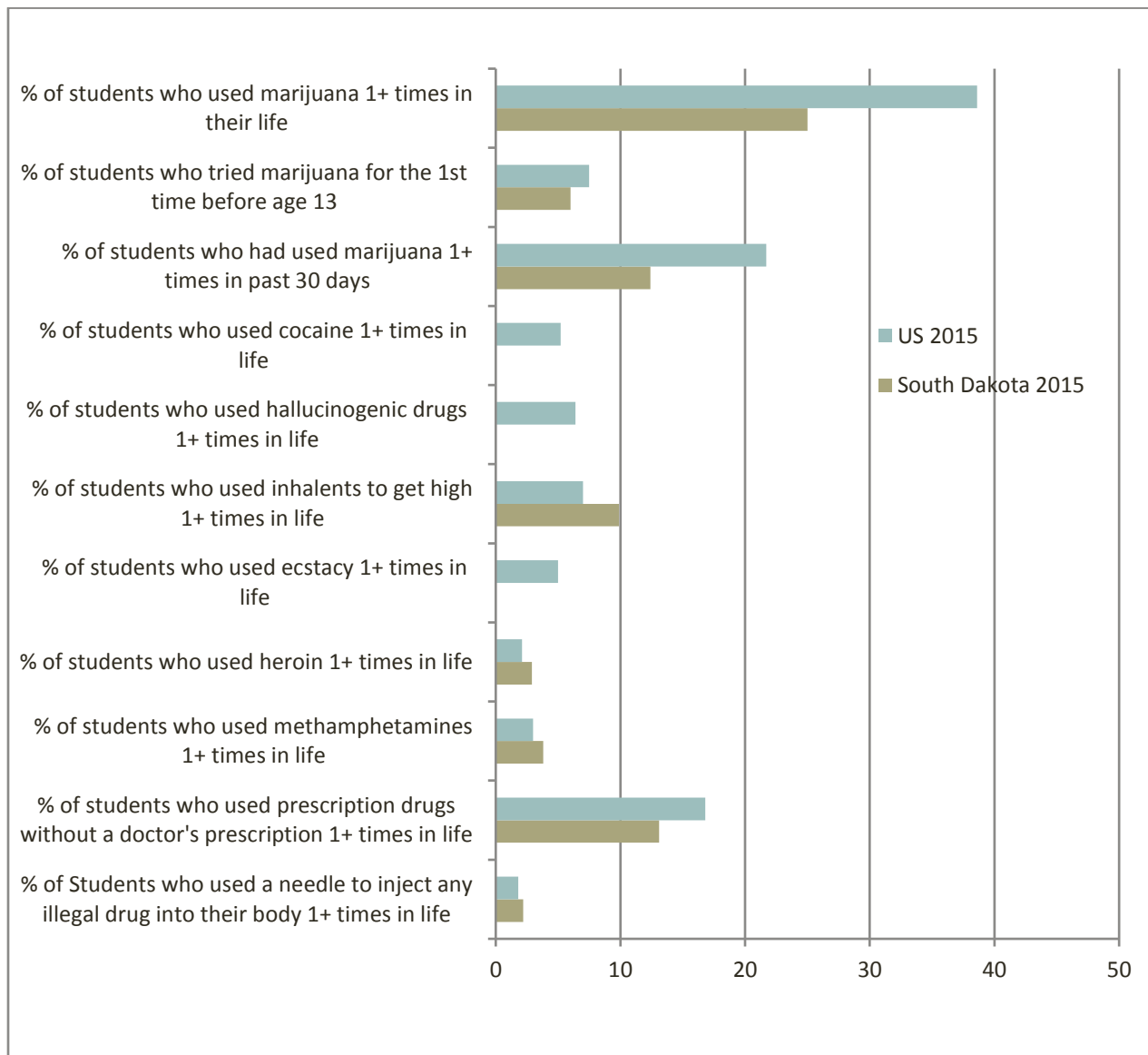
Data in percentages

Source: National Survey on Drug Use and Health (NSDUH)

High School Students Reporting Any Use of Specific Classes of Illicit Drugs in Their Lifetime

South Dakota percentages for *High School Students Reporting Any Use of Specific Classes of Illicit Drugs in Their Lifetime* are predominately lower in most reported categories than the national average in 2015.

FIGURE 36: PERCENT OF HIGH SCHOOL STUDENTS REPORTING ANY USE OF SPECIFIC CLASSES OF ILLICIT DRUGS IN THEIR LIFETIME OR IN THE PAST 30 DAYS FOR 2015.



Source: Youth Risk Behavior Surveillance System (YRBSS)

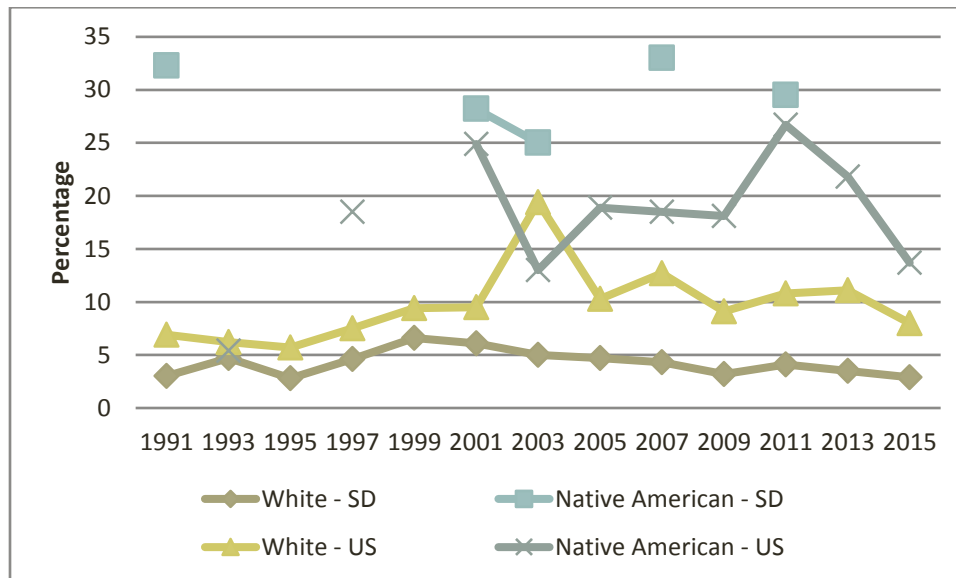
| Percent of High School Students Reporting Any Use of Specific Classes of Illicit Drugs in Their Lifetime | | | | | | | | |
|--|------|------|------|------|------|------|------|------|
| | 2009 | | 2011 | | 2013 | | 2015 | |
| | SD | US | SD | US | SD | US | SD | US |
| % of students who used marijuana 1+ times in their life | 30 | 36.8 | 32.8 | 39.9 | 29.6 | 40.7 | 25 | 38.6 |
| % of students who had tried marijuana for the 1st time before age 13 | 5.3 | 7.5 | 7.8 | 8.1 | 7.2 | 8.6 | 6 | 7.5 |
| % of students who had used marijuana 1+ times during past 30 days | 15.2 | 20.8 | 17.8 | 23.1 | 16.1 | 23.4 | 12.4 | 21.7 |
| % of students who used any form of cocaine 1+ times in past 30 days | 2.9 | 2.8 | 3.3 | 3 | n/a | 5.5 | n/a | 5.2 |
| % of students who used inhalants to get high 1+ times in life | 10.4 | 11.7 | 11.8 | 11.4 | 10.7 | 8.9 | 9.9 | 7 |
| % of students who used heroin 1+ times in life | n/a | 2.5 | n/a | 2.9 | n/a | 2.2 | 2.9 | 2.1 |
| % of students who used methamphetamines 1+ times in life | 2.7 | 4.1 | 3.5 | 3.9 | 4.2 | 3.2 | 3.8 | 3 |
| % of students who used ecstasy 1+ times in life | n/a | 6.7 | n/a | 8.2 | n/a | 6.6 | n/a | 5 |
| % of students who took steroid pills or shots without a doctor's prescription 1+ times in life | 2.1 | 3.3 | 1.8 | 3.6 | n/a | n/a | n/a | 3.5 |
| % of students who used a needle to inject any illegal drug into their body 1+ times in life | 1.7 | 2.1 | 2.1 | 2.3 | 3 | 1.7 | 2.2 | 1.8 |

Source: Youth Risk Behavior Surveillance System (YRBSS)

Early Initiation of Marijuana Use

In 2015, 6.0% of South Dakota students report trying marijuana for the first time before age 13, which is less than their national counterparts (7.5%).

FIGURE 37: PERCENT OF SOUTH DAKOTA STUDENTS WHO TRIED MARIJUANA FOR THE FIRST TIME BEFORE AGE 13 BY RACE, 1991-2015



Percent of South Dakota Students Who Tried Marijuana for the First Time Before Age 13 by Race

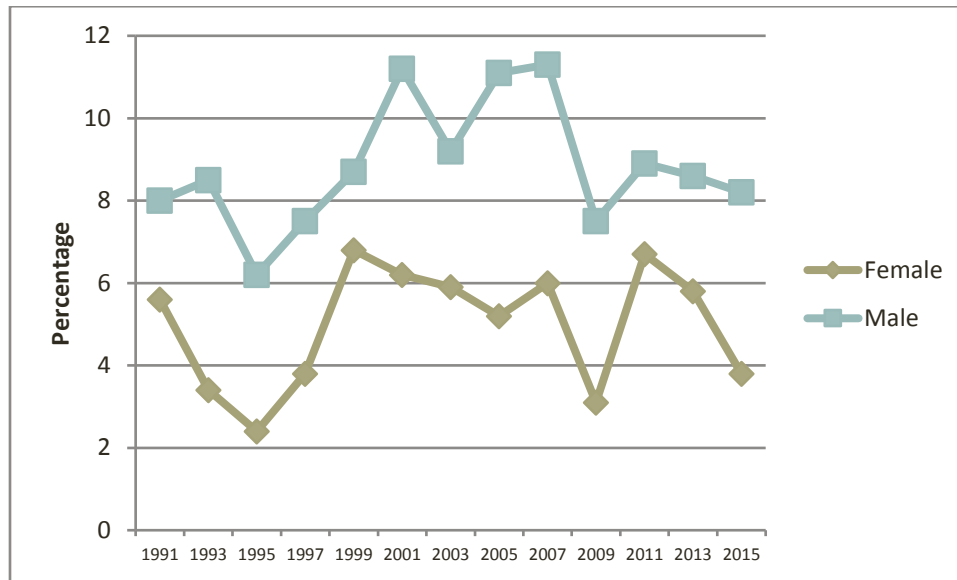
| | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| US - All | 7.4 | 6.9 | 7.6 | 9.7 | 11.3 | 10.2 | 9.9 | 8.7 | 8.3 | 7.5 | 8.1 | 8.6 | 7.5 |
| SD - All | 6.8 | 6.1 | 4.3 | 5.7 | 7.7 | 8.8 | 7.6 | 8.2 | 8.7 | 5.3 | 7.8 | 7.2 | 6 |
| US - White | 6.9 | 6.2 | 5.7 | 7.5 | 9.7 | 9.5 | 8.7 | 7.7 | 7.2 | 5.7 | 6.5 | 6.6 | 8 |
| SD - White | 3 | 4.7 | 2.8 | 4.6 | 6.6 | 6.1 | 5 | 4.7 | 4.3 | 3.2 | 4.1 | 3.5 | 2.9 |
| US - Native American | n/a | 5.4 | n/a | 18.5 | n/a | 24.9 | 13 | 18.9 | 19.5 | 18.1 | 26.7 | 21.8 | 13.7 |
| SD - Native American | 32.3 | n/a | n/a | n/a | n/a | 28.2 | 25 | n/a | 33 | n/a | 29.5 | n/a | n/a |

Data in percentages

Source: Youth Risk Behavior Surveillance System (YRBSS)

During 2015, 8.2% of the male students in South Dakota reported trying marijuana for the first time prior to age 13 compared to 3.8% of the female students.

FIGURE 38: PERCENT OF SOUTH DAKOTA STUDENTS WHO TRIED MARIJUANA FOR THE FIRST TIME BEFORE AGE 13 BY GENDER, 1991-2015



Percent of Students Who Tried Marijuana for the First Time Before Age 13 Years by Grade and Gender

| | | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |
|------------------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 9 th Grade | Females | 10.3 | 5.5 | 4.1 | 7.8 | 10.5 | 10 | 7.6 | 7.4 | 9 | 2.5 | 5.2 | 7.6 | 3.5 |
| | Males | 3.6 | 11.1 | 7.2 | 14.6 | 10.2 | 15.3 | 8.1 | 18.2 | 14.5 | 7.8 | 4.4 | 8.8 | 10.5 |
| 10 th Grade | Females | 3.8 | 2.9 | 0.9 | 3 | 9 | 7.1 | 6.2 | 4.3 | 5.5 | 6.6 | 11.8 | 5.9 | 1.4 |
| | Males | 11.5 | 8 | 5.8 | 2.9 | 9.2 | 11 | 8.6 | 10.7 | 10.7 | 8.2 | 12.7 | 8.6 | 6.3 |
| 11 th Grade | Females | 1.8 | 3.6 | 2.8 | 1 | 5.6 | 4.7 | 4.6 | 4.6 | 5.2 | 1.4 | 4.7 | 3.5 | 1.1 |
| | Males | 7.6 | 8.7 | n/a | 6.3 | 7.3 | 10.7 | 8.7 | 11.7 | 9 | 9.4 | 5.6 | 5.2 | 5.2 |
| 12 th Grade | Females | 6 | 1.4 | 1.5 | 2.7 | 0.9 | 2.4 | 4.1 | 2.9 | 2.6 | 1.5 | 3.4 | 5.8 | 9.1 |
| | Males | 9.6 | 5.5 | 3.1 | 4.8 | 7.1 | 6.9 | 11.1 | 2.4 | 10.4 | 4.3 | 13.1 | 11.8 | 9.3 |
| Total | Females | 5.6 | 3.4 | 2.4 | 3.8 | 6.8 | 6.2 | 5.9 | 5.2 | 6 | 3.1 | 6.7 | 5.8 | 3.8 |
| | Males | 8 | 8.5 | 6.2 | 7.5 | 8.7 | 11.2 | 9.2 | 11.1 | 11.3 | 7.5 | 8.9 | 8.6 | 8.2 |

Data in percentages

Source: Youth Risk Behavior Surveillance System (YRBSS)

Methamphetamine Use

In 2015, South Dakota had a higher (3.8%) percentage of students than the national average (3.0%) that reported methamphetamine use. Overall rates for South Dakota and the US declined from 1999 to 2009, with rates increasing since 2011-13 but are trending downward again.

| Percent of Students Reporting Methamphetamine Use One or More Times During Their Life | | | |
|---|--------|--------------|---------------|
| Year | | South Dakota | United States |
| 1999 | Male | 12.1 | 9.9 |
| | Female | 8.5 | 8.4 |
| | Total | 10.4 | 9.1 |
| 2001 | Male | 8.2 | 10.5 |
| | Female | 8.3 | 9.2 |
| | Total | 8.3 | 9.8 |
| 2003 | Male | 8 | 8.3 |
| | Female | 6.7 | 6.8 |
| | Total | 7.4 | 7.6 |
| 2005 | Male | 5.2 | 6.3 |
| | Female | 9.2 | 6 |
| | Total | 7.3 | 6.2 |
| 2007 | Male | 5 | 4.6 |
| | Female | 4.9 | 4.1 |
| | Total | 5 | 4.4 |
| 2009 | Male | 2.8 | 4.7 |
| | Female | 2.7 | 3.3 |
| | Total | 2.7 | 4.1 |
| 2011 | Male | 3.5 | 4.5 |
| | Female | 3.4 | 3 |
| | Total | 3.5 | 3.8 |
| 2013 | Male | 5.3 | 3.4 |
| | Female | 3.1 | 3 |
| | Total | 4.2 | 3.2 |
| 2015 | Male | 4.7 | 3.6 |
| | Female | 2.8 | 2.3 |
| | Total | 3.8 | 3.0 |

Data in percentages

Source: Youth Risk Behavior Surveillance System (YRBSS)

| Percent of Students Who Used Methamphetamines One or More Times During Their Life | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|
| Race/Ethnicity | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |
| SD - White | 8.9 | 6.5 | 6.2 | 5.5 | 3.9 | 2.5 | 2.8 | 2.8 | 2.9 |
| SD – Native American | n/a | 19.9 | 15.2 | n/a | 9.5 | n/a | 4.1 | n/a | n/a |
| SD - Total | 10.4 | 8.3 | 7.4 | 7.3 | 5 | 2.7 | 3.5 | 4.2 | 3.8 |
| US - White | 10.3 | 11.4 | 8.1 | 6.5 | 4.5 | 3.7 | 3.7 | 3 | 5.5 |
| US – Native American | n/a | 17.9 | 9 | 12.8 | 7 | 11 | 7.1 | 10.6 | 2.3 |
| US - Total | 9.1 | 9.8 | 7.6 | 6.2 | 4.4 | 4.1 | 3.8 | 3.2 | 3.0 |

Data in percentages

Source: Youth Risk Behavior Surveillance System (YRBSS)

Appendix A

Source Data:

Death Certificate Data from National Center for Health Statistics (NCHS) National Vital Statistics System as reported in Mortality Detail Files (numerator) and population estimates from the U.S. Bureau of the Census (denominator)

Table A1: Death from Illicit Drug Use

Table A2: Deaths from Cardiovascular Diseases

Table A3: Deaths from COPD and Emphysema

Table A4: Deaths from Homicide

Table A5: Deaths from Chronic Liver Disease

Table A6: Deaths from Lung Cancer

Table A7: Deaths from Suicide

Table A1: Deaths from Illicit Drug Use

| South Dakota | | | | | | United States | | | |
|--------------|----------------------------------|------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| Year | Race | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 1999 | American Indian or Alaska Native | Suppressed | 63,170 | Suppressed | Suppressed | 27 | 2,832,761 | 1 | 1.1 |
| | Asian or Pacific Islander | Suppressed | 4,296 | Suppressed | Suppressed | 11 | 11,346,496 | 0.1 (Unreliable) | 0.1 (Unreliable) |
| | Black or African American | Suppressed | 4,749 | Suppressed | Suppressed | 622 | 36,173,121 | 1.7 | 1.9 |
| | White | Suppressed | 678,197 | Suppressed | Suppressed | 1,805 | 228,687,790 | 0.8 | 0.8 |
| | Total | 4 | 750,412 | Suppressed | Suppressed | 2,465 | 279,040,168 | 0.9 | 0.9 |
| 2000 | American Indian or Alaska Native | Suppressed | 65,126 | Suppressed | Suppressed | 18 | 2,984,150 | 0.6 (Unreliable) | 0.6 (Unreliable) |
| | Asian or Pacific Islander | Suppressed | 5,084 | Suppressed | Suppressed | 5 | 11,757,685 | 0.0 (Unreliable) | 0.0 (Unreliable) |
| | Black or African American | Suppressed | 6,111 | Suppressed | Suppressed | 596 | 36,594,309 | 1.6 | 1.8 |
| | White | Suppressed | 678,523 | Suppressed | Suppressed | 1,847 | 230,085,762 | 0.8 | 0.8 |
| | Total | 5 | 754,844 | Suppressed | Suppressed | 2,466 | 281,421,906 | 0.9 | 0.9 |
| 2001 | American Indian or Alaska Native | Suppressed | 65,673 | Suppressed | Suppressed | 26 | 3,054,311 | 0.9 | 1.1 |
| | Asian or Pacific Islander | Suppressed | 5,470 | Suppressed | Suppressed | 12 | 12,194,101 | 0.1 (Unreliable) | 0.1 (Unreliable) |
| | Black or African American | Suppressed | 6,874 | Suppressed | Suppressed | 601 | 37,196,779 | 1.6 | 1.8 |
| | White | Suppressed | 680,966 | Suppressed | Suppressed | 1,837 | 232,351,696 | 0.8 | 0.8 |
| | Total | 4 | 758,983 | Suppressed | Suppressed | 2,476 | 284,796,887 | 0.9 | 0.9 |
| 2002 | American Indian or Alaska Native | Suppressed | 66,299 | Suppressed | Suppressed | 18 | 3,076,095 | 0.6 (Unreliable) | 0.8 (Unreliable) |
| | Asian or Pacific Islander | Suppressed | 5,743 | Suppressed | Suppressed | 19 | 12,798,479 | 0.1 (Unreliable) | 0.2 (Unreliable) |
| | Black or African American | Suppressed | 7,508 | Suppressed | Suppressed | 641 | 37,747,692 | 1.7 | 1.9 |
| | White | Suppressed | 682,557 | Suppressed | Suppressed | 2,012 | 234,746,440 | 0.9 | 0.8 |
| | Total | 3 | 762,107 | Suppressed | Suppressed | 2,690 | 288,368,706 | 0.9 | 0.9 |
| 2003 | American Indian or Alaska Native | Suppressed | 67,088 | Suppressed | Suppressed | 33 | 3,111,067 | 1.1 | 1.2 |
| | Asian or Pacific Islander | Suppressed | 6,150 | Suppressed | Suppressed | 23 | 13,202,190 | 0.2 | 0.2 |
| | Black or African American | Suppressed | 8,074 | Suppressed | Suppressed | 665 | 38,148,112 | 1.7 | 1.9 |
| | White | Suppressed | 685,663 | Suppressed | Suppressed | 2,368 | 236,349,420 | 1 | 1 |
| | Total | 1 | 766,975 | Suppressed | Suppressed | 3,089 | 290,810,789 | 1.1 | 1.1 |
| 2004 | American Indian or Alaska Native | Suppressed | 68,153 | Suppressed | Suppressed | 45 | 3,148,484 | 1.4 | 1.5 |
| | Asian or Pacific Islander | Suppressed | 6,495 | Suppressed | Suppressed | 32 | 13,638,053 | 0.2 | 0.3 |
| | Black or African American | Suppressed | 8,704 | Suppressed | Suppressed | 697 | 38,600,765 | 1.8 | 2 |
| | White | Suppressed | 690,931 | Suppressed | Suppressed | 2,678 | 238,268,102 | 1.1 | 1.1 |
| | Total | 9 | 774,283 | Suppressed | Suppressed | 3,452 | 293,655,404 | 1.2 | 1.2 |
| 2005 | American Indian or Alaska Native | Suppressed | 68,928 | Suppressed | Suppressed | 35 | 3,161,185 | 1.1 | 1.3 |
| | Asian or Pacific Islander | Suppressed | 6,785 | Suppressed | Suppressed | 29 | 14,039,700 | 0.2 | 0.2 |
| | Black or African American | Suppressed | 9,327 | Suppressed | Suppressed | 722 | 39,073,991 | 1.8 | 2 |
| | White | Suppressed | 695,044 | Suppressed | Suppressed | 3,105 | 240,135,528 | 1.3 | 1.2 |
| | Total | 9 | 780,084 | Suppressed | Suppressed | 3,891 | 296,410,404 | 1.3 | 1.3 |
| 2006 | American Indian or Alaska Native | Suppressed | 69,841 | Suppressed | Suppressed | 45 | 3,201,342 | 1.4 | 1.9 |
| | Asian or Pacific Islander | Suppressed | 7,211 | Suppressed | Suppressed | 53 | 14,541,277 | 0.4 | 0.4 |
| | Black or African American | Suppressed | 9,999 | Suppressed | Suppressed | 832 | 39,558,375 | 2.1 | 2.3 |
| | White | Suppressed | 701,468 | Suppressed | Suppressed | 3,244 | 242,097,490 | 1.3 | 1.3 |
| | Total | 6 | 788,519 | Suppressed | Suppressed | 4,174 | 299,398,484 | 1.4 | 1.4 |

Continued on next page

Table A1: Deaths from Illicit Drug Use continued

| Year | South Dakota | | | | | United States | | | |
|------|----------------------------------|------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | Race | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 2007 | American Indian or Alaska Native | Suppressed | 70,789 | Suppressed | Suppressed | 19 | 3,235,707 | 0.6(Unreliable) | 0.6 (Unreliable) |
| | Asian or Pacific Islander | Suppressed | 7,387 | Suppressed | Suppressed | 12 | 14,773,548 | 0.1(Unreliable) | 0.1 (Unreliable) |
| | Black or African American | Suppressed | 10,720 | Suppressed | Suppressed | 556 | 40,028,958 | 1.4 | 1.5 |
| | White | Suppressed | 708,139 | Suppressed | Suppressed | 1,795 | 243,582,944 | 0.7 | 0.7 |
| | Total | 2 | 797,035 | Suppressed | Suppressed | 2,382 | 301,621,157 | 0.8 | 0.8 |
| 2008 | American Indian or Alaska Native | Suppressed | 74,790 | Suppressed | Suppressed | 23 | 3,983,929 | 0.6 | 0.6 |
| | Asian or Pacific Islander | Suppressed | 7,918 | Suppressed | Suppressed | 21 | 16,094,699 | 0.1(Unreliable) | 0.1 (Unreliable) |
| | Black or African American | Suppressed | 11,798 | Suppressed | Suppressed | 466 | 41,048,959 | 1.1 | 1.2 |
| | White | Suppressed | 704,618 | Suppressed | Suppressed | 2,037 | 242,966,379 | 0.8 | 0.8 |
| | Total | 3 | 799,124 | Suppressed | Suppressed | 2,547 | 304,093,966 | 0.8 | 0.8 |
| 2009 | American Indian or Alaska Native | Suppressed | 76,035 | Suppressed | Suppressed | 26 | 4,141,215 | 0.6 | 0.7 |
| | Asian or Pacific Islander | Suppressed | 8,755 | Suppressed | Suppressed | 24 | 16,609,031 | 0.1 | 0.1 |
| | Black or African American | Suppressed | 12,745 | Suppressed | Suppressed | 448 | 41,632,450 | 1.1 | 1.1 |
| | White | Suppressed | 709,532 | Suppressed | Suppressed | 1,957 | 244,388,833 | 0.8 | 0.8 |
| | Total | 2 | 807,067 | Suppressed | Suppressed | 1,957 | 306,771,529 | 0.8 | 0.8 |
| 2010 | American Indian or Alaska Native | Suppressed | 77,193 | Suppressed | Suppressed | 23 | 4,263,538 | 0.5 | 0.7 |
| | Asian or Pacific Islander | Suppressed | 8,913 | Suppressed | Suppressed | 21 | 16,993,326 | 0.1 | 0.1 |
| | Black or African American | Suppressed | 13,356 | Suppressed | Suppressed | 404 | 42,065,334 | 1.0 | 1.0 |
| | White | Suppressed | 714,718 | Suppressed | Suppressed | 1,887 | 245,423,340 | 0.8 | 0.7 |
| | Total | Suppressed | 814,180 | Suppressed | Suppressed | 2,335 | 308,745,538 | 0.8 | 0.7 |
| 2011 | American Indian or Alaska Native | Suppressed | 78,335 | Suppressed | Suppressed | 35 | 4,347,413 | 0.8 | 0.9 |
| | Asian or Pacific Islander | Suppressed | 9,677 | Suppressed | Suppressed | 21 | 17,471,358 | 0.1 | 0.1 |
| | Black or African American | Suppressed | 14,997 | Suppressed | Suppressed | 411 | 42,678,815 | 1 | 1 |
| | White | Suppressed | 720,763 | Suppressed | Suppressed | 2,056 | 247,094,331 | 0.8 | 0.8 |
| | Total | Suppressed | 823,772 | Suppressed | Suppressed | 2,523 | 311,591,917 | 0.8 | 0.8 |
| 2012 | American Indian or Alaska Native | Suppressed | 79,084 | Suppressed | Suppressed | 36 | 4,398,436 | 0.8 | 0.9 |
| | Asian or Pacific Islander | Suppressed | 10,472 | Suppressed | Suppressed | 18 | 18,087,959 | 0.1 (Unreliable) | 0.1 (Unreliable) |
| | Black or African American | Suppressed | 17,657 | Suppressed | Suppressed | 376 | 43,203,092 | 0.9 | 0.9 |
| | White | Suppressed | 726,834 | Suppressed | Suppressed | 2,208 | 248,224,553 | 0.9 | 0.8 |
| | Total | Suppressed | 834,047 | Suppressed | Suppressed | 2,638 | 313,914,040 | 0.8 | 0.8 |
| 2013 | American Indian or Alaska Native | Suppressed | 79,903 | Suppressed | Suppressed | 38 | 4,457,934 | 0.9 | 0.9 |
| | Asian or Pacific Islander | Suppressed | 11,253 | Suppressed | Suppressed | 38 | 18,630,136 | 0.2 | 0.2 |
| | Black or African American | Suppressed | 19,294 | Suppressed | Suppressed | 374 | 43,696,271 | 0.9 | 0.9 |
| | White | Suppressed | 734,427 | Suppressed | Suppressed | 2,339 | 249,344,498 | 0.9 | 0.9 |
| | Total | Suppressed | 844,877 | Suppressed | Suppressed | 2,789 | 316,128,839 | 0.9 | 0.8 |
| 2014 | American Indian or Alaska Native | Suppressed | 80,657 | Suppressed | Suppressed | 51 | 4,518,981 | 1.1 | 1.2 |
| | Asian or Pacific Islander | Suppressed | 12,180 | Suppressed | Suppressed | 28 | 19,398,214 | .1 | .1 |
| | Black or African American | Suppressed | 19,688 | Suppressed | Suppressed | 453 | 44,309,394 | 1.0 | 1.0 |
| | White | Suppressed | 740,650 | Suppressed | Suppressed | 2,456 | 250,630,467 | 1.0 | .9 |
| | Total | Suppressed | 853,175 | Suppressed | Suppressed | 2,988 | 318,857,056 | .9 | .9 |

Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010. CDC WONDER Online Database, compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmfi-icd10.html>

Table A2: Deaths from Cardiovascular Diseases

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 1999 | American Indian or Alaska Native | 102 | 63,170 | 161.5 | 427.4 | 2,950 | 2,832,761 | 104.1 | 247.0 |
| | Asian or Pacific Islander | Suppressed | 4,296 | Suppressed | Suppressed | 12,205 | 11,346,496 | 107.6 | 209.6 |
| | Black or African American | Suppressed | 4,749 | Suppressed | Suppressed | 97,458 | 36,173,121 | 269.4 | 416.1 |
| | White | 2,463 | 678,197 | 363.2 | 282.3 | 779,945 | 228,687,790 | 341.1 | 321.5 |
| | Total | 2,571 | 750,412 | 342.6 | 288.7 | 892,558 | 279,040,168 | 319.9 | 328.0 |
| 2000 | American Indian or Alaska Native | 106 | 65,126 | 162.8 | 405.1 | 2,989 | 2,984,150 | 100.2 | 223.2 |
| | Asian or Pacific Islander | Suppressed | 5,084 | Suppressed | Suppressed | 12,389 | 11,757,685 | 105.4 | 198.9 |
| | Black or African American | Suppressed | 6,111 | Suppressed | Suppressed | 96,744 | 36,594,309 | 264.4 | 406.7 |
| | White | 2,552 | 678,523 | 376.1 | 290.6 | 766,299 | 230,085,762 | 333.0 | 312.2 |
| | Total | 2,665 | 754,844 | 353.1 | 296.7 | 878,421 | 281,421,906 | 312.1 | 318.5 |
| 2001 | American Indian or Alaska Native | 111 | 65,673 | 169.0 | 405.0 | 2,976 | 3,054,311 | 97.4 | 200.9 |
| | Asian or Pacific Islander | Suppressed | 5,470 | Suppressed | Suppressed | 12,925 | 12,194,101 | 106.0 | 188.8 |
| | Black or African American | Suppressed | 6,874 | Suppressed | Suppressed | 96,676 | 37,196,779 | 259.9 | 395.7 |
| | White | 2,356 | 680,966 | 346.0 | 264.8 | 751,103 | 232,351,696 | 323.3 | 299.3 |
| | Total | 2,475 | 758,983 | 326.1 | 271.7 | 863,680 | 284,796,887 | 303.3 | 305.7 |
| 2002 | American Indian or Alaska Native | 105 | 66,299 | 158.4 | 374.6 | 3,034 | 3,076,095 | 98.6 | 194.9 |
| | Asian or Pacific Islander | Suppressed | 5,743 | Suppressed | Suppressed | 13,513 | 12,798,479 | 105.6 | 182.3 |
| | Black or African American | Suppressed | 7,508 | Suppressed | Suppressed | 96,477 | 37,747,692 | 255.6 | 384.7 |
| | White | 2,347 | 682,557 | 343.9 | 259.5 | 746,595 | 234,746,440 | 318.0 | 290.9 |
| | Total | 2,455 | 762,107 | 322.1 | 264.8 | 859,619 | 288,368,706 | 298.1 | 297.0 |
| 2003 | American Indian or Alaska Native | 119 | 67,088 | 177.4 | 409.0 | 3,264 | 3,111,067 | 104.9 | 194.8 |
| | Asian or Pacific Islander | Suppressed | 6,150 | Suppressed | Suppressed | 13,789 | 13,202,190 | 104.4 | 172.8 |
| | Black or African American | Suppressed | 8,074 | Suppressed | Suppressed | 96,178 | 38,148,112 | 252.1 | 374.5 |
| | White | 2,293 | 685,663 | 334.4 | 250.5 | 729,547 | 236,349,420 | 308.7 | 279.6 |
| | Total | 2,419 | 766,975 | 315.4 | 257.9 | 842,778 | 290,810,789 | 289.8 | 285.8 |
| 2004 | American Indian or Alaska Native | 109 | 68,153 | 159.9 | 406.0 | 3,179 | 3,148,484 | 101.0 | 183.2 |
| | Asian or Pacific Islander | Suppressed | 6,495 | Suppressed | Suppressed | 13,467 | 13,638,053 | 98.7 | 159.0 |
| | Black or African American | Suppressed | 8,704 | Suppressed | Suppressed | 92,343 | 38,600,765 | 239.2 | 350.4 |
| | White | 2,132 | 690,931 | 308.6 | 228.0 | 693,571 | 238,268,102 | 291.1 | 261.3 |
| | Total | 2,252 | 774,283 | 290.8 | 234.8 | 802,560 | 293,655,404 | 273.3 | 266.9 |
| 2005 | American Indian or Alaska Native | 101 | 68,928 | 146.5 | 352.0 | 3,286 | 3,161,185 | 103.9 | 176.6 |
| | Asian or Pacific Islander | Suppressed | 6,785 | Suppressed | Suppressed | 14,020 | 14,039,700 | 99.9 | 151.9 |
| | Black or African American | Suppressed | 9,327 | Suppressed | Suppressed | 91,700 | 39,073,991 | 234.7 | 336.5 |
| | White | 2,178 | 695,044 | 313.4 | 229.7 | 686,664 | 240,135,528 | 285.9 | 252.5 |
| | Total | 2,287 | 780,084 | 293.2 | 234.6 | 795,670 | 296,410,404 | 268.4 | 257.7 |
| 2006 | American Indian or Alaska Native | 94 | 69,841 | 134.6 | 291.3 | 3,284 | 3,201,342 | 102.6 | 168.9 |
| | Asian or Pacific Islander | Suppressed | 7,211 | Suppressed | Suppressed | 14,335 | 14,541,277 | 98.6 | 145.5 |
| | Black or African American | 11 | 9,999 | 110.0(Unreliable) | 574.0(Unreliable) | 89,298 | 39,558,375 | 225.7 | 319.3 |
| | White | 2,093 | 701,468 | 298.4 | 213.9 | 661,838 | 242,097,490 | 273.4 | 238.7 |
| | Total | 2,199 | 788,519 | 278.9 | 219.2 | 768,755 | 299,398,484 | 256.8 | 243.7 |

Continued on next page

Table A2: Deaths from Cardiovascular Diseases continued

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 2007 | American Indian or Alaska Native | 100 | 70,789 | 141.3 | 321.5 | 3,234 | 3,235,707 | 99.9 | 157.1 |
| | Asian or Pacific Islander | Suppressed | 7,387 | Suppressed | Suppressed | 14,160 | 14,773,548 | 95.8 | 135.5 |
| | Black or African American | Suppressed | 10,720 | Suppressed | Suppressed | 88,294 | 40,028,958 | 220.6 | 307.6 |
| | White | 1,932 | 708,139 | 272.8 | 193.5 | 646,331 | 243,582,944 | 265.3 | 228.3 |
| | Total | 2,043 | 797,035 | 256.3 | 199.6 | 752,019 | 301,621,157 | 249.3 | 233.1 |
| 2008 | American Indian or Alaska Native | 90 | 74,790 | 120.3 | 289.0 | 3,081 | 3,983,929 | 77.3 | 156.2 |
| | Asian or Pacific Islander | Suppressed | 7,918 | Suppressed | Suppressed | 14,452 | 16,094,699 | 89.8 | 139.6 |
| | Black or African American | Suppressed | 11,798 | Suppressed | Suppressed | 82,453 | 41,048,959 | 200.9 | 286.4 |
| | White | 1,961 | 704,618 | 278.3 | 201.0 | 628,176 | 242,966,379 | 258.5 | 223.6 |
| | Total | 2,059 | 799,124 | 257.7 | 204.9 | 728,162 | 304,093,966 | 239.5 | 227.2 |
| 2009 | American Indian or Alaska Native | 116 | 76,035 | 152.6 | 357.1 | 3,209 | 4,141,215 | 77.5 | 155.2 |
| | Asian or Pacific Islander | Suppressed | 8,755 | Suppressed | Suppressed | 14,641 | 16,609,031 | 88.2 | 133.6 |
| | Black or African American | Suppressed | 12,745 | Suppressed | Suppressed | 79,999 | 41,632,450 | 192.2 | 268.9 |
| | White | 2,051 | 709,532 | 289.1 | 205.7 | 606,576 | 244,388,833 | 248.2 | 212.1 |
| | Total | 2,170 | 807,067 | 268.9 | 211.2 | 704,425 | 306,771,529 | 229.6 | 215.3 |
| 2010 | American Indian or Alaska Native | 94 | 77,193 | 121.8 | 253.8 | 3,258 | 4,263,538 | 76.4 | 153.5 |
| | Asian or Pacific Islander | Suppressed | 8,913 | Suppressed | Suppressed | 14,973 | 16,993,326 | 88.1 | 131.3 |
| | Black or African American | Suppressed | 13,356 | Suppressed | Suppressed | 79,580 | 42,065,334 | 189.2 | 261.7 |
| | White | 1,920 | 714,718 | 268.6 | 190.5 | 605,031 | 245,423,340 | 246.5 | 208.2 |
| | Total | 2,024 | 814,180 | 248.6 | 194.8 | 702,842 | 308,745,538 | 227.6 | 211.1 |
| 2011 | American Indian or Alaska Native | 102 | 78,335 | 130.2 | 257.6 | 3,518 | 4,347,413 | 80.9 | 151.3 |
| | Asian or Pacific Islander | Suppressed | 9,677 | Suppressed | Suppressed | 15,523 | 17,471,358 | 88.8 | 124.7 |
| | Black or African American | Suppressed | 14,997 | Suppressed | Suppressed | 84,225 | 42,678,815 | 197.3 | 265 |
| | White | 1,960 | 720,763 | 271.9 | 192.3 | 622,243 | 247,094,331 | 251.8 | 208.7 |
| | Total | 2,069 | 823,772 | 251.2 | 196.5 | 725,509 | 311,591,917 | 232.8 | 211.6 |
| 2012 | American Indian or Alaska Native | 106 | 79,084 | 134.0 | 271.0 | 3,530 | 4,398,436 | 80.3 | 144.9 |
| | Asian or Pacific Islander | Suppressed | 10,472 | Suppressed | Suppressed | 16,374 | 18,087,959 | 90.5 | 123 |
| | Black or African American | 10 | 17,657 | 56.6 (Unreliable) | 111.6 (Unreliable) | 86,017 | 43,203,092 | 199.1 | 261 |
| | White | 1,956 | 726,834 | 269.1 | 188.4 | 3,530 | 4,398,436 | 80.3 | 144.9 |
| | Total | 2,076 | 834,047 | 248.9 | 192.8 | 728,257 | 313,914,040 | 232.0 | 207.4 |
| 2013 | American Indian or Alaska Native | 109 | 79,903 | 136.4 | 273.7 | 3,734 | 4,457,934 | 83.8 | 145.2 |
| | Asian or Pacific Islander | Suppressed | 11,253 | Suppressed | Suppressed | 17,516 | 18,630,136 | 94 | 122.2 |
| | Black or African American | Suppressed | 19,294 | Suppressed | Suppressed | 88,279 | 43,696,271 | 202 | 259.4 |
| | White | 1,922 | 734,427 | 261.7 | 183.3 | 630,554 | 249,344,498 | 252.9 | 203.1 |
| | Total | 2,048 | 844,877 | 242.4 | 188.0 | 740,083 | 316,128,839 | 234.1 | 206.0 |
| 2014 | American Indian or Alaska Native | 106 | 80,657 | 131.4 | 270.4 | 3,937 | 4,518,981 | 87.1 | 144.5 |
| | Asian or Pacific Islander | Suppressed | 12,180 | Suppressed | Suppressed | 17,601 | 19,398,214 | 90.7 | 114.5 |
| | Black or African American | Suppressed | 19,688 | Suppressed | Suppressed | 90,183 | 44,309,394 | 203.5 | 255.9 |
| | White | 2,030 | 740,650 | 274.1 | 190.7 | 635,730 | 250,630,467 | 253.7 | 201.1 |
| | Total | 2,143 | 853,175 | 251.2 | 193.3 | 747,451 | 318,857,056 | 234.4 | 203.4 |

Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010. CDC WONDER Online Database, compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmfcid10.html>

Table A3: COPD and Emphysema

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 1999 | American Indian or Alaska Native | 12 | 63,170 | 19.0(Unreliable) | 57.8(Unreliable) | 377 | 2,832,761 | 13.3 | 32.8 |
| | Asian or Pacific Islander | Suppressed | 4,296 | Suppressed | Suppressed | 970 | 11,346,496 | 8.5 | 17.1 |
| | Black or African American | Suppressed | 4,749 | Suppressed | Suppressed | 6,770 | 36,173,121 | 18.7 | 29.6 |
| | White | 304 | 678,197 | 44.8 | 35.7 | 111,407 | 228,687,790 | 48.7 | 45.8 |
| | Total | 316 | 750,412 | 42.1 | 36.2 | 119,524 | 279,040,168 | 42.8 | 43.7 |
| 2000 | American Indian or Alaska Native | 14 | 65,126 | 21.5(Unreliable) | 68.8(Unreliable) | 398 | 2,984,150 | 13.3 | 31.2 |
| | Asian or Pacific Islander | Suppressed | 5,084 | Suppressed | Suppressed | 979 | 11,757,685 | 8.3 | 16.6 |
| | Black or African American | Suppressed | 6,111 | Suppressed | Suppressed | 6,449 | 36,594,309 | 17.6 | 27.7 |
| | White | 354 | 678,523 | 52.2 | 41.5 | 109,696 | 230,085,762 | 47.7 | 44.6 |
| | Total | 369 | 754,844 | 48.9 | 42.0 | 117,522 | 281,421,906 | 41.8 | 42.6 |
| 2001 | American Indian or Alaska Native | Suppressed | 65,673 | Suppressed | Suppressed | 394 | 3,054,311 | 12.9 | 28.4 |
| | Asian or Pacific Islander | Suppressed | 5,470 | Suppressed | Suppressed | 1,040 | 12,194,101 | 8.5 | 15.9 |
| | Black or African American | Suppressed | 6,874 | Suppressed | Suppressed | 6,481 | 37,196,779 | 17.4 | 27.3 |
| | White | 336 | 680,966 | 49.3 | 39.7 | 110,829 | 232,351,696 | 47.7 | 44.4 |
| | Total | 340 | 758,983 | 44.8 | 38.9 | 118,744 | 284,796,887 | 41.7 | 42.2 |
| 2002 | American Indian or Alaska Native | 14 | 66,299 | 21.1(Unreliable) | 61.9(Unreliable) | 427 | 3,076,095 | 13.9 | 28.8 |
| | Asian or Pacific Islander | Suppressed | 5,743 | Suppressed | Suppressed | 1,012 | 12,798,479 | 7.9 | 14.3 |
| | Black or African American | Suppressed | 7,508 | Suppressed | Suppressed | 6,735 | 37,747,692 | 17.8 | 27.8 |
| | White | 354 | 682,557 | 51.9 | 41.0 | 112,381 | 234,746,440 | 47.9 | 44.2 |
| | Total | 368 | 762,107 | 48.3 | 41.3 | 120,555 | 288,368,706 | 41.8 | 42.0 |
| 2003 | American Indian or Alaska Native | 15 | 67,088 | 22.4(Unreliable) | 53.7(Unreliable) | 474 | 3,111,067 | 15.2 | 29.9 |
| | Asian or Pacific Islander | Suppressed | 6,150 | Suppressed | Suppressed | 1,101 | 13,202,190 | 8.3 | 14.6 |
| | Black or African American | Suppressed | 8,074 | Suppressed | Suppressed | 6,679 | 38,148,112 | 17.5 | 26.9 |
| | White | 354 | 685,663 | 51.6 | 40.9 | 114,029 | 236,349,420 | 48.2 | 44.3 |
| | Total | 370 | 766,975 | 48.2 | 41.5 | 122,283 | 290,810,789 | 42.0 | 41.9 |
| 2004 | American Indian or Alaska Native | 16 | 68,153 | 23.5(Unreliable) | 66.0(Unreliable) | 467 | 3,148,484 | 14.8 | 27.8 |
| | Asian or Pacific Islander | Suppressed | 6,495 | Suppressed | Suppressed | 1,056 | 13,638,053 | 7.7 | 13.3 |
| | Black or African American | Suppressed | 8,704 | Suppressed | Suppressed | 6,392 | 38,600,765 | 16.6 | 25.1 |
| | White | 361 | 690,931 | 52.2 | 40.2 | 110,256 | 238,268,102 | 46.3 | 42.2 |
| | Total | 378 | 774,283 | 48.8 | 40.9 | 118,171 | 293,655,404 | 40.2 | 39.9 |
| 2005 | American Indian or Alaska Native | 19 | 68,928 | 27.6(Unreliable) | 72.7(Unreliable) | 487 | 3,161,185 | 15.4 | 27.8 |
| | Asian or Pacific Islander | Suppressed | 6,785 | Suppressed | Suppressed | 1,179 | 14,039,700 | 8.4 | 13.7 |
| | Black or African American | Suppressed | 9,327 | Suppressed | Suppressed | 7,213 | 39,073,991 | 18.5 | 27.6 |
| | White | 411 | 695,044 | 59.1 | 45.6 | 118,170 | 240,135,528 | 49.2 | 44.4 |
| | Total | 430 | 780,084 | 55.1 | 46.3 | 127,049 | 296,410,404 | 42.9 | 42.0 |
| 2006 | American Indian or Alaska Native | 14 | 69,841 | 20.0(Unreliable) | 45.8(Unreliable) | 488 | 3,201,342 | 15.2 | 26.5 |
| | Asian or Pacific Islander | Suppressed | 7,211 | Suppressed | Suppressed | 1,213 | 14,541,277 | 8.3 | 13.1 |
| | Black or African American | Suppressed | 9,999 | Suppressed | Suppressed | 6,773 | 39,558,375 | 17.1 | 25.3 |
| | White | 353 | 701,468 | 50.3 | 38.1 | 112,496 | 242,097,490 | 46.5 | 41.6 |
| | Total | 367 | 788,519 | 46.5 | 38.4 | 120,970 | 299,398,484 | 40.4 | 39.3 |

Table continues on next page

Table A3: COPD and Emphysema continued

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 2007 | American Indian or Alaska Native | 17 | 70,789 | 24.0(Unreliable) | 62.9(Unreliable) | 577 | 3,235,707 | 17.8 | 29.7 |
| | Asian or Pacific Islander | Suppressed | 7,387 | Suppressed | Suppressed | 1,196 | 14,773,548 | 8.1 | 12.2 |
| | Black or African American | Suppressed | 10,720 | Suppressed | Suppressed | 6,999 | 40,028,958 | 17.5 | 25.6 |
| | White | 423 | 708,139 | 59.7 | 44.8 | 115,705 | 243,582,944 | 47.5 | 42.1 |
| | Total | 441 | 797,035 | 55.3 | 45.2 | 124,477 | 301,621,157 | 41.3 | 39.7 |
| 2008 | American Indian or Alaska Native | 26 | 74,790 | 34.8 | 98.9 | 597 | 3,983,929 | 15.0 | 31.1 |
| | Asian or Pacific Islander | Suppressed | 7,918 | Suppressed | Suppressed | 1,353 | 16,094,699 | 8.4 | 14.0 |
| | Black or African American | Suppressed | 11,798 | Suppressed | Suppressed | 7,864 | 41,048,959 | 19.2 | 28.4 |
| | White | 447 | 704,618 | 63.4 | 47.4 | 127,879 | 242,966,379 | 52.6 | 46.3 |
| | Total | 476 | 799,124 | 59.6 | 49.0 | 137,693 | 304,093,966 | 45.3 | 43.6 |
| 2009 | American Indian or Alaska Native | 22 | 76,035 | 28.9 | 64.3 | 584 | 4,141,215 | 14.1 | 29.8 |
| | Asian or Pacific Islander | Suppressed | 8,755 | Suppressed | Suppressed | 1,341 | 16,609,031 | 8.1 | 13.2 |
| | Black or African American | Suppressed | 12,745 | Suppressed | Suppressed | 7,606 | 41,632,450 | 18.3 | 26.5 |
| | White | 411 | 709,532 | 57.9 | 43.4 | 124,434 | 244,388,833 | 50.9 | 44.3 |
| | Total | 434 | 807,067 | 53.8 | 44.3 | 133,965 | 306,771,529 | 43.7 | 41.6 |
| 2010 | American Indian or Alaska Native | 19 | 77,193 | 24.6(Unreliable) | 69.2 | 679 | 4,263,538 | 15.9 | 33.0 |
| | Asian or Pacific Islander | Suppressed | 8,913 | Suppressed | Suppressed | 1,351 | 16,993,326 | 8.0 | 12.8 |
| | Black or African American | Suppressed | 13,356 | Suppressed | Suppressed | 7,836 | 42,065,334 | 18.6 | 26.6 |
| | White | 414 | 714,718 | 57.9 | 43.7 | 124,810 | 245,423,340 | 50.9 | 43.6 |
| | Total | 435 | 814,180 | 53.4 | 44.4 | 134,676 | 308,745,538 | 43.6 | 41.1 |
| 2011 | American Indian or Alaska Native | 22 | 78,335 | 28.1 | 76.4 | 635 | 4,347,413 | 14.6 | 28.1 |
| | Asian or Pacific Islander | Suppressed | 9,677 | Suppressed | Suppressed | 1,552 | 17,471,358 | 8.9 | 13.4 |
| | Black or African American | Suppressed | 14,997 | Suppressed | Suppressed | 8,177 | 42,678,815 | 19.2 | 26.8 |
| | White | 441 | 720,763 | 61.2 | 44.7 | 129,234 | 247,094,331 | 52.3 | 44.3 |
| | Total | 466 | 823,772 | 56.6 | 45.6 | 139,598 | 311,591,917 | 44.8 | 41.5 |
| 2012 | American Indian or Alaska Native | 15 | 79,084 | 19.0 (Unreliable) | 42.0 (Unreliable) | 674 | 4,398,436 | 15.3 | 28.7 |
| | Asian or Pacific Islander | Suppressed | 10,472 | Suppressed | Suppressed | 1,518 | 18,087,959 | 8.4 | 12.1 |
| | Black or African American | Suppressed | 17,657 | Suppressed | Suppressed | 8,420 | 43,203,092 | 19.5 | 26.6 |
| | White | 453 | 726,834 | 62.3 | 44.8 | 129,346 | 248,224,553 | 52.1 | 43.3 |
| | Total | 470 | 834,047 | 56.4 | 44.7 | 139,958 | 313,914,040 | 44.6 | 40.5 |
| 2013 | American Indian or Alaska Native | 13 | 79,903 | 16.3 (Unreliable) | 41.5 (Unreliable) | 723 | 4,457,934 | 16.2 | 29.7 |
| | Asian or Pacific Islander | Suppressed | 11,253 | Suppressed | Suppressed | 1,673 | 18,630,136 | 9.0 | 12.4 |
| | Black or African American | Suppressed | 19,294 | Suppressed | Suppressed | 8,912 | 43,696,271 | 20.4 | 27.0 |
| | White | 393 | 734,427 | 53.5 | 38.9 | 134,267 | 249,344,498 | 53.8 | 43.9 |
| | Total | 406 | 844,877 | 48.1 | 38.3 | 145,575 | 316,128,839 | 46.0 | 41.1 |
| 2014 | American Indian or Alaska Native | 12 | 80,657 | 14.9 (unreliable) | 33.6 (unreliable) | 750 | 4,518,981 | 16.6 | 28.8 |
| | Asian or Pacific Islander | Suppressed | 12,180 | Suppressed | Suppressed | 1,690 | 19,398,214 | 8.7 | 11.6 |
| | Black or African American | Suppressed | 19,688 | Suppressed | Suppressed | 8,914 | 44,309,394 | 20.1 | 25.9 |
| | White | 418 | 740,650 | 56.4 | 40.4 | 132,096 | 250,630,467 | 52.7 | 42.3 |
| | Total | 431 | 853,175 | 50.5 | 40.0 | 143,450 | 318,857,056 | 45.0 | 39.4 |

Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010. CDC WONDER Online Database, compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmfi-cd10.html>

Table A4: Deaths from Homicide

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 1999 | American Indian or Alaska Native | 12 | 63,170 | 19.0 (Unreliable) | 22.5 (Unreliable) | 253 | 2,832,761 | 8.9 | 9.1 |
| | Asian or Pacific Islander | Suppressed | 4,296 | Suppressed | Suppressed | 360 | 11,346,496 | 3.2 | 3.0 |
| | Black or African American | Suppressed | 4,749 | Suppressed | Suppressed | 7,648 | 36,173,121 | 21.1 | 20.1 |
| | White | 11 | 678,197 | 1.6 (Unreliable) | 1.8 (Unreliable) | 8,628 | 228,687,790 | 3.8 | 3.8 |
| | Total | 23 | 750,412 | 3.1 | 3.2 | 16,889 | 279,040,168 | 6.1 | 6.0 |
| 2000 | American Indian or Alaska Native | Suppressed | 65,126 | Suppressed | Suppressed | 203 | 2,984,150 | 6.8 | 6.8 |
| | Asian or Pacific Islander | Suppressed | 5,084 | Suppressed | Suppressed | 356 | 11,757,685 | 3.0 | 3.0 |
| | Black or African American | Suppressed | 6,111 | Suppressed | Suppressed | 7,867 | 36,594,309 | 21.5 | 20.5 |
| | White | Suppressed | 678,523 | Suppressed | Suppressed | 8,339 | 230,085,762 | 3.6 | 3.6 |
| | Total | 14 | 754,844 | 1.9 (Unreliable) | 1.9 (Unreliable) | 16,765 | 281,421,906 | 6.0 | 5.9 |
| 2001 | American Indian or Alaska Native | Suppressed | 65,673 | Suppressed | Suppressed | 211 | 3,054,311 | 6.9 | 6.8 |
| | Asian or Pacific Islander | Suppressed | 5,470 | Suppressed | Suppressed | 543 | 12,194,101 | 4.5 | 4.2 |
| | Black or African American | Suppressed | 6,874 | Suppressed | Suppressed | 8,226 | 37,196,779 | 22.1 | 21.2 |
| | White | 12 | 680,966 | 1.8 (Unreliable) | 1.7 (Unreliable) | 11,328 | 232,351,696 | 4.9 | 4.9 |
| | Total | 18 | 758,983 | 2.4 (Unreliable) | 2.3 (Unreliable) | 20,308 | 284,796,887 | 7.1 | 7.1 |
| 2002 | American Indian or Alaska Native | 10 | 66,299 | 15.1 (Unreliable) | 18.5 (Unreliable) | 267 | 3,076,095 | 8.7 | 8.4 |
| | Asian or Pacific Islander | Suppressed | 5,743 | Suppressed | Suppressed | 399 | 12,798,479 | 3.1 | 3.0 |
| | Black or African American | Suppressed | 7,508 | Suppressed | Suppressed | 8,287 | 37,747,692 | 22.0 | 21.0 |
| | White | 11 | 682,557 | 1.6 (Unreliable) | 1.6 (Unreliable) | 8,685 | 234,746,440 | 3.7 | 3.7 |
| | Total | 22 | 762,107 | 2.9 | 3.0 | 17,638 | 288,368,706 | 6.1 | 6.1 |
| 2003 | American Indian or Alaska Native | 11 | 67,088 | 16.4 (Unreliable) | 14.8 (Unreliable) | 237 | 3,111,067 | 7.6 | 7.3 |
| | Asian or Pacific Islander | Suppressed | 6,150 | Suppressed | Suppressed | 394 | 13,202,190 | 3.0 | 2.9 |
| | Black or African American | Suppressed | 8,074 | Suppressed | Suppressed | 8,392 | 38,148,112 | 22.0 | 21.0 |
| | White | Suppressed | 685,663 | Suppressed | Suppressed | 8,709 | 236,349,420 | 3.7 | 3.7 |
| | Total | 16 | 766,975 | 2.1 (Unreliable) | 2.1 (Unreliable) | 17,732 | 290,810,789 | 6.1 | 6.1 |
| 2004 | American Indian or Alaska Native | 15 | 68,153 | 22.0 (Unreliable) | 22.8 (Unreliable) | 228 | 3,148,484 | 7.2 | 7.0 |
| | Asian or Pacific Islander | Suppressed | 6,495 | Suppressed | Suppressed | 351 | 13,638,053 | 2.6 | 2.5 |
| | Black or African American | Suppressed | 8,704 | Suppressed | Suppressed | 8,135 | 38,600,765 | 21.1 | 20.1 |
| | White | Suppressed | 690,931 | Suppressed | Suppressed | 8,643 | 238,268,102 | 3.6 | 3.6 |
| | Total | 24 | 774,283 | 3.1 | 3.1 | 17,357 | 293,655,404 | 5.9 | 5.9 |
| 2005 | American Indian or Alaska Native | 12 | 68,928 | 17.4 (Unreliable) | 17.7 (Unreliable) | 257 | 3,161,185 | 8.1 | 7.7 |
| | Asian or Pacific Islander | Suppressed | 6,785 | Suppressed | Suppressed | 428 | 14,039,700 | 3.0 | 2.9 |
| | Black or African American | Suppressed | 9,327 | Suppressed | Suppressed | 8,669 | 39,073,991 | 22.2 | 21.1 |
| | White | 10 | 695,044 | 1.4 (Unreliable) | 1.5 (Unreliable) | 8,770 | 240,135,528 | 3.7 | 3.7 |
| | Total | 22 | 780,084 | 2.8 | 2.9 | 18,124 | 296,410,404 | 6.1 | 6.1 |
| 2006 | American Indian or Alaska Native | 12 | 69,841 | 17.2 (Unreliable) | 19.6 (Unreliable) | 254 | 3,201,342 | 7.9 | 8.0 |
| | Asian or Pacific Islander | Suppressed | 7,211 | Suppressed | Suppressed | 427 | 14,541,277 | 2.9 | 3.0 |
| | Black or African American | Suppressed | 9,999 | Suppressed | Suppressed | 9,032 | 39,558,375 | 22.8 | 22.0 |
| | White | Suppressed | 701,468 | Suppressed | Suppressed | 8,860 | 242,097,490 | 3.7 | 4.0 |
| | Total | 21 | 788,519 | 2.7 | 3.0 | 18,573 | 299,398,484 | 6.2 | 6.0 |

Table continued on next page

Table A4: Deaths from Homicide continued

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 2007 | American Indian or Alaska Native | Suppressed | 70,789 | Suppressed | Suppressed | 220 | 3,235,707 | 6.8 | 7 |
| | Asian or Pacific Islander | Suppressed | 7,387 | Suppressed | Suppressed | 357 | 14,773,548 | 2.4 | 2 |
| | Black or African American | Suppressed | 10,720 | Suppressed | Suppressed | 8,870 | 40,028,958 | 22.2 | 21 |
| | White | 11 | 708,139 | 1.6(Unreliable) | 1.6(Unreliable) | 8,914 | 243,582,944 | 3.7 | 4 |
| | Total | 15 | 797,035 | 1.9(Unreliable) | 1.8(Unreliable) | 18,361 | 301,621,157 | 6.1 | 6 |
| 2008 | American Indian or Alaska Native | Suppressed | 74,790 | Suppressed | Suppressed | 255 | 3,983,929 | 6.4 | 6.2 |
| | Asian or Pacific Islander | Suppressed | 7,918 | Suppressed | Suppressed | 343 | 16,094,699 | 2.1 | 2.1 |
| | Black or African American | Suppressed | 11,798 | Suppressed | Suppressed | 8,335 | 41,048,959 | 20.3 | 19.3 |
| | White | 12 | 704,618 | 1.7(Unreliable) | 1.7(Unreliable) | 8,893 | 242,966,379 | 3.7 | 3.7 |
| | Total | 20 | 799,124 | 2.5 | 2.5 | 17,826 | 304,093,966 | 5.9 | 5.9 |
| 2009 | American Indian or Alaska Native | 16 | 76,035 | 21.0(Unreliable) | 22.9(Unreliable) | 254 | 4,141,215 | 6.1 | 5.9 |
| | Asian or Pacific Islander | Suppressed | 8,755 | Suppressed | Suppressed | 348 | 16,609,031 | 2.1 | 2.0 |
| | Black or African American | Suppressed | 12,745 | Suppressed | Suppressed | 7,874 | 41,632,450 | 18.9 | 18.1 |
| | White | 14 | 709,532 | 2.0(Unreliable) | 2.0(Unreliable) | 8,323 | 244,388,833 | 3.4 | 3.5 |
| | Total | 31 | 807,067 | 3.8 | 4.0 | 16,799 | 306,771,529 | 5.5 | 5.5 |
| 2010 | American Indian or Alaska Native | Suppressed | 77,193 | Suppressed | Suppressed | 257 | 4,263,538 | 6.0 | 5.7 |
| | Asian or Pacific Islander | Suppressed | 8,913 | Suppressed | Suppressed | 321 | 16,993,326 | 1.9 | 1.9 |
| | Black or African American | Suppressed | 13,356 | Suppressed | Suppressed | 7,818 | 42,065,334 | 18.6 | 17.7 |
| | White | Suppressed | 714,718 | Suppressed | Suppressed | 7,863 | 245,423,340 | 3.2 | 3.2 |
| | Total | 17 | 814,180 | 2.1(Unreliable) | 2.2(Unreliable) | 16,259 | 308,745,538 | 5.3 | 5.3 |
| 2011 | American Indian or Alaska Native | 11 | 78,335 | 14.0 (Unreliable) | 15.5 (Unreliable) | 254 | 4,347,413 | 5.8 | 5.9 |
| | Asian or Pacific Islander | Suppressed | 9,677 | Suppressed | Suppressed | 358 | 17,471,358 | 2 | 2 |
| | Black or African American | Suppressed | 14,997 | Suppressed | Suppressed | 7,858 | 42,678,815 | 18.4 | 17.6 |
| | White | 10 | 720,763 | 1.4 (Unreliable) | 1.3 (Unreliable) | 7,768 | 247,094,331 | 3.1 | 3.2 |
| | Total | 25 | 823,772 | 3.0 | 3.1 | 16,238 | 311,591,917 | 5.2 | 5.3 |
| 2012 | American Indian or Alaska Native | 10 | 79,084 | 12.6 (Unreliable) | 14.7 (Unreliable) | 263 | 4,398,436 | 6 | 5.8 |
| | Asian or Pacific Islander | Suppressed | 10,472 | Suppressed | Suppressed | 348 | 18,087,959 | 1.9 | 1.9 |
| | Black or African American | Suppressed | 17,657 | Suppressed | Suppressed | 8,241 | 43,203,092 | 19.1 | 18.4 |
| | White | Suppressed | 726,834 | Suppressed | Suppressed | 7,836 | 248,224,553 | 3.2 | 3.2 |
| | Total | 20 | 834,047 | 2.4 | 2.4 | 16,688 | 313,914,040 | 5.3 | 5.4 |
| 2013 | American Indian or Alaska Native | 13 | 79,903 | 16.3 (Unreliable) | 15.1 (Unreliable) | 241 | 4,457,934 | 5.4 | 5.3 |
| | Asian or Pacific Islander | Suppressed | 11,253 | Suppressed | Suppressed | 298 | 18,630,136 | 1.6 | 1.5 |
| | Black or African American | Suppressed | 19,294 | Suppressed | Suppressed | 8,059 | 43,696,271 | 18.4 | 17.8 |
| | White | Suppressed | 734,427 | Suppressed | Suppressed | 7,523 | 249,344,498 | 3 | 3.1 |
| | Total | 20 | 844,877 | 2.4 | 2.5 | 16,121 | 316,128,839 | 5.1 | 5.2 |
| 2014 | American Indian or Alaska Native | 11 | 80,657 | 13.6 (unreliable) | 11.9 (unreliable) | 249 | 4,518,981 | 5.5 | 5.5 |
| | Asian or Pacific Islander | Suppressed | 12,180 | Suppressed | Suppressed | 285 | 19,398,214 | 1.5 | 1.4 |
| | Black or African American | Suppressed | 19,688 | Suppressed | Suppressed | 7,604 | 44,309,394 | 17.2 | 16.6 |
| | White | Suppressed | 740,650 | Suppressed | Suppressed | 6,804 | 250,630,467 | 2.7 | 2.8 |
| | Total | 20 | 853,175 | 2.3 | 2.3 | 14,942 | 318,857,056 | 4.7 | 4.8 |

Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010. CDC WONDER Online Database, compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmfi-cd10.html>

Table A5: Deaths from Liver Disease

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 1999 | American Indian or Alaska Native | 37 | 63,170 | 58.6 | 95.2 | 513 | 2,832,761 | 18.1 | 24.8 |
| | Asian or Pacific Islander | Suppressed | 4,296 | Suppressed | Suppressed | 293 | 11,346,496 | 2.6 | 3.7 |
| | Black or African American | Suppressed | 4,749 | Suppressed | Suppressed | 2,833 | 36,173,121 | 7.8 | 10.1 |
| | White | 45 | 678,197 | 6.6 | 6.3 | 22,620 | 228,687,790 | 9.9 | 9.6 |
| | Total | 82 | 750,412 | 10.9 | 11.2 | 26,259 | 279,040,168 | 9.4 | 9.6 |
| 2000 | American Indian or Alaska Native | 40 | 65,126 | 61.4 | 104.1 | 534 | 2,984,150 | 17.9 | 24.3 |
| | Asian or Pacific Islander | Suppressed | 5,084 | Suppressed | Suppressed | 299 | 11,757,685 | 2.5 | 3.5 |
| | Black or African American | Suppressed | 6,111 | Suppressed | Suppressed | 2,737 | 36,594,309 | 7.5 | 9.4 |
| | White | 41 | 678,523 | 6.0 | 5.5 | 22,982 | 230,085,762 | 10 | 9.6 |
| | Total | 82 | 754,844 | 10.9 | 10.9 | 26,552 | 281,421,906 | 9.4 | 9.5 |
| 2001 | American Indian or Alaska Native | 25 | 65,673 | 38.1 | 56.1 | 533 | 3,054,311 | 17.5 | 22.6 |
| | Asian or Pacific Islander | Suppressed | 5,470 | Suppressed | Suppressed | 319 | 12,194,101 | 2.6 | 3.5 |
| | Black or African American | Suppressed | 6,874 | Suppressed | Suppressed | 2,775 | 37,196,779 | 7.5 | 9.3 |
| | White | 51 | 680,966 | 7.5 | 7.0 | 23,408 | 232,351,696 | 10.1 | 9.6 |
| | Total | 77 | 758,983 | 10.1 | 10.1 | 27,035 | 284,796,887 | 9.5 | 9.5 |
| 2002 | American Indian or Alaska Native | 32 | 66,299 | 48.3 | 79.6 | 547 | 3,076,095 | 17.8 | 22.8 |
| | Asian or Pacific Islander | Suppressed | 5,743 | Suppressed | Suppressed | 313 | 12,798,479 | 2.4 | 3.2 |
| | Black or African American | Suppressed | 7,508 | Suppressed | Suppressed | 2,588 | 37,747,692 | 6.9 | 8.5 |
| | White | 43 | 682,557 | 6.3 | 5.7 | 23,809 | 234,746,440 | 10.1 | 9.6 |
| | Total | 75 | 762,107 | 9.8 | 9.7 | 27,257 | 288,368,706 | 9.5 | 9.4 |
| 2003 | American Indian or Alaska Native | 25 | 67,088 | 37.3 | 59.1 | 570 | 3,111,067 | 18.3 | 22.6 |
| | Asian or Pacific Islander | Suppressed | 6,150 | Suppressed | Suppressed | 307 | 13,202,190 | 2.3 | 3 |
| | Black or African American | Suppressed | 8,074 | Suppressed | Suppressed | 2,621 | 38,148,112 | 6.9 | 8.3 |
| | White | 53 | 685,663 | 7.7 | 6.9 | 24,005 | 236,349,420 | 10.2 | 9.6 |
| | Total | 80 | 766,975 | 10.4 | 10.1 | 27,503 | 290,810,789 | 9.5 | 9.3 |
| 2004 | American Indian or Alaska Native | 37 | 68,153 | 54.3 | 90.1 | 577 | 3,148,484 | 18.3 | 22.7 |
| | Asian or Pacific Islander | Suppressed | 6,495 | Suppressed | Suppressed | 340 | 13,638,053 | 2.5 | 3.2 |
| | Black or African American | Suppressed | 8,704 | Suppressed | Suppressed | 2,534 | 38,600,765 | 6.6 | 7.9 |
| | White | 58 | 690,931 | 8.4 | 7.4 | 23,562 | 238,268,102 | 9.9 | 9.2 |
| | Total | 95 | 774,283 | 12.3 | 11.8 | 27,013 | 293,655,404 | 9.2 | 9 |
| 2005 | American Indian or Alaska Native | 32 | 68,928 | 46.4 | 75.3 | 596 | 3,161,185 | 18.9 | 22.6 |
| | Asian or Pacific Islander | Suppressed | 6,785 | Suppressed | Suppressed | 401 | 14,039,700 | 2.9 | 3.6 |
| | Black or African American | Suppressed | 9,327 | Suppressed | Suppressed | 2,530 | 39,073,991 | 6.5 | 7.7 |
| | White | 51 | 695,044 | 7.3 | 6.4 | 24,003 | 240,135,528 | 10 | 9.2 |
| | Total | 83 | 780,084 | 10.6 | 10.2 | 27,530 | 296,410,404 | 9.3 | 8.9 |
| 2006 | American Indian or Alaska Native | 38 | 69,841 | 54.4 | 81.3 | 596 | 3,201,342 | 18.6 | 22.1 |
| | Asian or Pacific Islander | Suppressed | 7,211 | Suppressed | Suppressed | 419 | 14,541,277 | 2.9 | 3.5 |
| | Black or African American | Suppressed | 9,999 | Suppressed | Suppressed | 2,349 | 39,558,375 | 5.9 | 7.0 |
| | White | 44 | 701,468 | 6.3 | 5.4 | 24,191 | 242,097,490 | 10.0 | 9.1 |
| | Total | 82 | 788,519 | 10.4 | 10.1 | 27,555 | 299,398,484 | 9.2 | 8.8 |

Table continued on next page

Table A5: Deaths from Liver Disease continued

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 2007 | American Indian or Alaska Native | 38 | 70,789 | 53.7 | 81.2 | 709 | 3,235,707 | 21.9 | 24.8 |
| | Asian or Pacific Islander | Suppressed | 7,387 | Suppressed | Suppressed | 408 | 14,773,548 | 2.8 | 3.2 |
| | Black or African American | Suppressed | 10,720 | Suppressed | Suppressed | 2,558 | 40,028,958 | 6.4 | 7.4 |
| | White | 55 | 708,139 | 7.8 | 6.7 | 25,490 | 243,582,944 | 10.5 | 9.5 |
| | Total | 95 | 797,035 | 11.9 | 11.4 | 29,165 | 301,621,157 | 9.7 | 9.1 |
| 2008 | American Indian or Alaska Native | 41 | 74,790 | 54.8 | 89.2 | 742 | 3,983,929 | 18.6 | 23.6 |
| | Asian or Pacific Islander | Suppressed | 7,918 | Suppressed | Suppressed | 440 | 16,094,699 | 2.7 | 3.4 |
| | Black or African American | Suppressed | 11,798 | Suppressed | Suppressed | 2,506 | 41,048,959 | 6.1 | 6.8 |
| | White | 60 | 704,618 | 8.5 | 7.1 | 26,275 | 242,966,379 | 10.8 | 9.6 |
| | Total | 101 | 799,124 | 12.6 | 11.8 | 29,963 | 304,093,966 | 9.9 | 9.1 |
| 2009 | American Indian or Alaska Native | 31 | 76,035 | 40.8 | 66.1 | 714 | 4,141,215 | 17.2 | 21.3 |
| | Asian or Pacific Islander | Suppressed | 8,755 | Suppressed | Suppressed | 464 | 16,609,031 | 2.8 | 3.3 |
| | Black or African American | Suppressed | 12,745 | Suppressed | Suppressed | 2,560 | 41,632,450 | 6.1 | 6.8 |
| | White | 47 | 709,532 | 6.6 | 5.4 | 26,820 | 244,388,833 | 11.0 | 9.6 |
| | Total | 78 | 807,067 | 9.7 | 8.6 | 30,558 | 306,771,529 | 10.0 | 9.1 |
| 2010 | American Indian or Alaska Native | 33 | 77,193 | 42.7 | 57.8 | 787 | 4,263,538 | 18.5 | 22.8 |
| | Asian or Pacific Islander | Suppressed | 8,913 | Suppressed | Suppressed | 467 | 16,993,326 | 2.7 | 3.3 |
| | Black or African American | Suppressed | 13,356 | Suppressed | Suppressed | 2,635 | 42,065,334 | 6.3 | 6.7 |
| | White | 51 | 714,718 | 7.1 | 6.1 | 28,014 | 245,423,340 | 11.4 | 9.9 |
| | Total | 85 | 814,180 | 10.4 | 10.1 | 31,903 | 308,745,538 | 10.3 | 9.4 |
| 2011 | American Indian or Alaska Native | 40 | 78,335 | 51.1 | 74.1 | 821 | 4,347,413 | 18.9 | 22.9 |
| | Asian or Pacific Islander | Suppressed | 9,677 | Suppressed | Suppressed | 498 | 17,471,358 | 2.9 | 3.3 |
| | Black or African American | Suppressed | 14,997 | Suppressed | Suppressed | 2,816 | 42,678,815 | 6.6 | 7 |
| | White | 62 | 720,763 | 8.6 | 7.0 | 29,507 | 247,094,331 | 11.9 | 10.2 |
| | Total | 102 | 823,772 | 12.4 | 11.7 | 33,642 | 311,591,917 | 10.8 | 9.7 |
| 2012 | American Indian or Alaska Native | 49 | 79,084 | 62.0 | 86.9 | 918 | 4,398,436 | 20.9 | 25.3 |
| | Asian or Pacific Islander | Suppressed | 10,472 | Suppressed | Suppressed | 523 | 18,087,959 | 2.9 | 3.3 |
| | Black or African American | Suppressed | 17,657 | Suppressed | Suppressed | 2,791 | 43,203,092 | 6.5 | 6.9 |
| | White | 64 | 726,834 | 8.8 | 7.8 | 30,747 | 248,224,553 | 12.4 | 10.5 |
| | Total | 114 | 834,047 | 13.7 | 13.4 | 34,979 | 313,914,040 | 11.1 | 9.9 |
| 2013 | American Indian or Alaska Native | 59 | 79,903 | 73.8 | 111.9 | 944 | 4,457,934 | 21.2 | 24.8 |
| | Asian or Pacific Islander | Suppressed | 11,253 | Suppressed | Suppressed | 559 | 18,630,136 | 3 | 3.3 |
| | Black or African American | Suppressed | 19,294 | Suppressed | Suppressed | 3,053 | 43,696,271 | 7 | 7.3 |
| | White | 62 | 734,427 | 8.4 | 6.8 | 31,871 | 249,344,498 | 12.8 | 10.8 |
| | Total | 122 | 844,877 | 14.4 | 13.4 | 36,427 | 316,128,839 | 11.5 | 10.1 |
| 2014 | American Indian or Alaska Native | 63 | 80,657 | 78.1 | 109.5 | 951 | 4,518,981 | 21.0 | 24.2 |
| | Asian or Pacific Islander | Suppressed | 12,180 | Suppressed | Suppressed | 608 | 19,398,214 | 3.1 | 3.5 |
| | Black or African American | Suppressed | 19,688 | Suppressed | Suppressed | 3,103 | 44,309,394 | 7.0 | 7.2 |
| | White | 67 | 740,650 | 9.0 | 8.7 | 33,508 | 250,630,467 | 13.4 | 11.1 |
| | Total | 130 | 853,175 | 15.2 | 16.3 | 38,170 | 318,857,056 | 12.0 | 10.4 |

Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010. CDC WONDER Online Database, compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmf-icd10.html>

Table A6: Deaths from Lung Cancer

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 1999 | American Indian or Alaska Native | 22 | 63,170 | 34.8 | 97.3 | 497 | 2,832,761 | 17.5 | 36.3 |
| | Asian or Pacific Islander | Suppressed | 4,296 | Suppressed | Suppressed | 1,939 | 11,346,496 | 17.1 | 27.8 |
| | Black or African American | Suppressed | 4,749 | Suppressed | Suppressed | 15,953 | 36,173,121 | 44.1 | 64.7 |
| | White | 381 | 678,197 | 56.2 | 48.5 | 133,674 | 228,687,790 | 58.5 | 55.4 |
| | Total | 404 | 750,412 | 53.8 | 49.7 | 152,063 | 279,040,168 | 54.5 | 55.4 |
| 2000 | American Indian or Alaska Native | 24 | 65,126 | 36.9 | 90.1 | 480 | 2,984,150 | 16.1 | 32.3 |
| | Asian or Pacific Islander | Suppressed | 5,084 | Suppressed | Suppressed | 2,061 | 11,757,685 | 17.5 | 28.0 |
| | Black or African American | Suppressed | 6,111 | Suppressed | Suppressed | 16,054 | 36,594,309 | 43.9 | 63.9 |
| | White | 363 | 678,523 | 53.5 | 45.6 | 136,836 | 230,085,762 | 59.5 | 56.2 |
| | Total | 389 | 754,844 | 51.5 | 47.3 | 155,431 | 281,421,906 | 55.2 | 56.1 |
| 2001 | American Indian or Alaska Native | 18 | 65,673 | 27.4(Unreliable) | 64.1(Unreliable) | 547 | 3,054,311 | 17.9 | 34.2 |
| | Asian or Pacific Islander | Suppressed | 5,470 | Suppressed | Suppressed | 2,215 | 12,194,101 | 18.2 | 28.2 |
| | Black or African American | Suppressed | 6,874 | Suppressed | Suppressed | 16,004 | 37,196,779 | 43.0 | 62.4 |
| | White | 391 | 680,966 | 57.4 | 49.2 | 137,207 | 232,351,696 | 59.1 | 55.5 |
| | Total | 411 | 758,983 | 54.2 | 49.7 | 155,973 | 284,796,887 | 54.8 | 55.3 |
| 2002 | American Indian or Alaska Native | 18 | 66,299 | 27.1(Unreliable) | 69.0(Unreliable) | 556 | 3,076,095 | 18.1 | 33.1 |
| | Asian or Pacific Islander | Suppressed | 5,743 | Suppressed | Suppressed | 2,178 | 12,798,479 | 17.0 | 25.5 |
| | Black or African American | Suppressed | 7,508 | Suppressed | Suppressed | 16,306 | 37,747,692 | 43.2 | 61.9 |
| | White | 381 | 682,557 | 55.8 | 47.2 | 138,590 | 234,746,440 | 59.0 | 55.2 |
| | Total | 399 | 762,107 | 52.4 | 47.6 | 157,630 | 288,368,706 | 54.7 | 54.9 |
| 2003 | American Indian or Alaska Native | 16 | 67,088 | 23.8(Unreliable) | 65.5(Unreliable) | 556 | 3,111,067 | 17.9 | 31.3 |
| | Asian or Pacific Islander | Suppressed | 6,150 | Suppressed | Suppressed | 2,413 | 13,202,190 | 18.3 | 26.9 |
| | Black or African American | Suppressed | 8,074 | Suppressed | Suppressed | 16,367 | 38,148,112 | 42.9 | 60.8 |
| | White | 389 | 685,663 | 56.7 | 47.5 | 138,656 | 236,349,420 | 58.7 | 54.4 |
| | Total | 405 | 766,975 | 52.8 | 47.6 | 157,992 | 290,810,789 | 54.3 | 54.1 |
| 2004 | American Indian or Alaska Native | 29 | 68,153 | 42.6 | 88.5 | 676 | 3,148,484 | 21.5 | 35.9 |
| | Asian or Pacific Islander | Suppressed | 6,495 | Suppressed | Suppressed | 2,516 | 13,638,053 | 18.4 | 26.2 |
| | Black or African American | Suppressed | 8,704 | Suppressed | Suppressed | 16,463 | 38,600,765 | 42.6 | 59.8 |
| | White | 393 | 690,931 | 56.9 | 47.4 | 138,354 | 238,268,102 | 58.1 | 53.6 |
| | Total | 424 | 774,283 | 54.8 | 49.3 | 158,009 | 293,655,404 | 53.8 | 53.2 |
| 2005 | American Indian or Alaska Native | 22 | 68,928 | 31.9 | 73.4 | 673 | 3,161,185 | 21.3 | 34.1 |
| | Asian or Pacific Islander | Suppressed | 6,785 | Suppressed | Suppressed | 2,609 | 14,039,700 | 18.6 | 25.7 |
| | Black or African American | Suppressed | 9,327 | Suppressed | Suppressed | 16,556 | 39,073,991 | 42.4 | 58.4 |
| | White | 446 | 695,044 | 64.2 | 52.6 | 139,382 | 240,135,528 | 58.0 | 53.1 |
| | Total | 469 | 780,084 | 60.1 | 53.0 | 159,220 | 296,410,404 | 53.7 | 52.6 |
| 2006 | American Indian or Alaska Native | 25 | 69,841 | 35.8 | 87.9 | 596 | 3,201,342 | 18.6 | 22.1 |
| | Asian or Pacific Islander | Suppressed | 7,211 | Suppressed | Suppressed | 419 | 14,541,277 | 2.9 | 3.5 |
| | Black or African American | Suppressed | 9,999 | Suppressed | Suppressed | 2,349 | 39,558,375 | 5.9 | 7.0 |
| | White | 410 | 701,468 | 58.4 | 47.0 | 24,191 | 242,097,490 | 10.0 | 9.1 |
| | Total | 437 | 788,519 | 55.4 | 48.2 | 27,555 | 299,398,484 | 9.2 | 8.8 |

Table continued on next page

Table A6: Deaths from Lung Cancer continued

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 2007 | American Indian or Alaska Native | 21 | 70,789 | 29.7 | 66.0 | 709 | 3,235,707 | 21.9 | 24.8 |
| | Asian or Pacific Islander | Suppressed | 7,387 | Suppressed | Suppressed | 408 | 14,773,548 | 2.8 | 3.2 |
| | Black or African American | Suppressed | 10,720 | Suppressed | Suppressed | 2,558 | 40,028,958 | 6.4 | 7.4 |
| | White | 400 | 708,139 | 56.5 | 45.6 | 25,490 | 243,582,944 | 10.5 | 9.5 |
| | Total | 424 | 797,035 | 53.2 | 46.3 | 29,165 | 301,621,157 | 9.7 | 9.1 |
| 2008 | American Indian or Alaska Native | 19 | 74,790 | 25.4(Unreliable) | 71.9(Unreliable) | 730 | 3,983,929 | 18.3 | 34.8 |
| | Asian or Pacific Islander | Suppressed | 7,918 | Suppressed | Suppressed | 2,958 | 16,094,699 | 18.4 | 25.6 |
| | Black or African American | Suppressed | 11,798 | Suppressed | Suppressed | 16,238 | 41,048,959 | 39.6 | 52.9 |
| | White | 424 | 704,618 | 60.2 | 47.9 | 138,666 | 242,966,379 | 57.1 | 50.2 |
| | Total | 444 | 799,124 | 55.6 | 47.9 | 158,952 | 304,093,966 | 52.2 | 49.5 |
| 2009 | American Indian or Alaska Native | 20 | 76,035 | 26.3 | 57.4 | 686 | 4,141,215 | 16.6 | 29.5 |
| | Asian or Pacific Islander | Suppressed | 8,755 | Suppressed | Suppressed | 3,024 | 16,609,031 | 18.2 | 25.2 |
| | Black or African American | Suppressed | 12,745 | Suppressed | Suppressed | 16,327 | 41,632,450 | 39.2 | 51.3 |
| | White | 365 | 709,532 | 51.4 | 40.6 | 138,049 | 244,388,833 | 56.5 | 49.1 |
| | Total | 386 | 807,067 | 47.8 | 41.1 | 158,086 | 306,771,529 | 51.5 | 48.3 |
| 2010 | American Indian or Alaska Native | 23 | 77,193 | 29.8 | 63.5 | 785 | 4,263,538 | 18.4 | 33.0 |
| | Asian or Pacific Islander | Suppressed | 8,913 | Suppressed | Suppressed | 3,144 | 16,993,326 | 18.5 | 24.8 |
| | Black or African American | Suppressed | 13,356 | Suppressed | Suppressed | 16,681 | 42,065,334 | 39.7 | 51.4 |
| | White | 405 | 714,718 | 56.7 | 44.2 | 137,639 | 245,423,340 | 56.1 | 48.3 |
| | Total | 433 | 814,180 | 53.2 | 45.3 | 158,249 | 308,745,538 | 51.3 | 47.6 |
| 2011 | American Indian or Alaska Native | 25 | 78,335 | 31.9 | 74.6 | 743 | 4,347,413 | 17.1 | 29.9 |
| | Asian or Pacific Islander | Suppressed | 9,677 | Suppressed | Suppressed | 3,331 | 17,471,358 | 19.1 | 24.6 |
| | Black or African American | Suppressed | 14,997 | Suppressed | Suppressed | 16,588 | 42,678,815 | 38.9 | 49.1 |
| | White | 429 | 720,763 | 59.5 | 46.5 | 136,295 | 247,094,331 | 55.2 | 46.7 |
| | Total | 457 | 823,772 | 55.5 | 47.2 | 156,957 | 311,591,917 | 50.4 | 46 |
| 2012 | American Indian or Alaska Native | 33 | 79,084 | 41.7 | 94.7 | 797 | 4,398,436 | 18.1 | 30 |
| | Asian or Pacific Islander | Suppressed | 10,472 | Suppressed | Suppressed | 3,441 | 18,087,959 | 19 | 24 |
| | Black or African American | Suppressed | 17,657 | Suppressed | Suppressed | 16,780 | 43,203,092 | 38.8 | 48.2 |
| | White | 400 | 726,834 | 55.0 | 42.3 | 136,408 | 248,224,553 | 55 | 45.6 |
| | Total | 435 | 834,047 | 52.2 | 43.6 | 157,426 | 313,914,040 | 50.1 | 44.9 |
| 2013 | American Indian or Alaska Native | 25 | 79,903 | 31.3 | 65.3 | 754 | 4,457,934 | 16.9 | 27.7 |
| | Asian or Pacific Islander | Suppressed | 11,253 | Suppressed | Suppressed | 3,539 | 18,630,136 | 19 | 23.3 |
| | Black or African American | Suppressed | 19,294 | Suppressed | Suppressed | 16,907 | 43,696,271 | 38.7 | 46.8 |
| | White | 387 | 734,427 | 52.7 | 40.3 | 134,978 | 249,344,498 | 54.1 | 44.1 |
| | Total | 415 | 844,877 | 49.1 | 40.9 | 156,178 | 316,128,839 | 49.4 | 43.4 |
| 2014 | American Indian or Alaska Native | 31 | 80,657 | 38.4 | 84.8 | 804 | 4,518,981 | 17.8 | 27.8 |
| | Asian or Pacific Islander | Suppressed | 12,180 | Suppressed | Suppressed | 3,697 | 19,398,214 | 19.1 | 22.7 |
| | Black or African American | Suppressed | 19,688 | Suppressed | Suppressed | 16,630 | 44,309,394 | 37.5 | 44.5 |
| | White | 415 | 740,650 | 56.0 | 41.7 | 134,397 | 250,630,467 | 53.6 | 42.9 |
| | Total | 446 | 853,175 | 52.0 | 42.5 | 155,528 | 318,857,056 | 48.8 | 42.1 |

Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010. CDC WONDER Online Database, compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmf-icd10.html>

Table A7: Deaths from Suicide

| Year | Race | South Dakota | | United States | | United States | | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | | |
| 1999 | American Indian or Alaska Native | 37 | 63,170 | 58.6 | 95.2 | 513 | 2,832,761 | 18.1 | 24.8 |
| | Asian or Pacific Islander | Suppressed | 4,296 | Suppressed | Suppressed | 293 | 11,346,496 | 2.6 | 3.7 |
| | Black or African American | Suppressed | 4,749 | Suppressed | Suppressed | 2,833 | 36,173,121 | 7.8 | 10.1 |
| | White | 45 | 678,197 | 6.6 | 6.3 | 22,620 | 228,687,790 | 9.9 | 9.6 |
| | Total | 82 | 750,412 | 10.9 | 11.2 | 26,259 | 279,040,168 | 9.4 | 9.6 |
| 2000 | American Indian or Alaska Native | 40 | 65,126 | 61.4 | 104.1 | 534 | 2,984,150 | 17.9 | 24.3 |
| | Asian or Pacific Islander | Suppressed | 5,084 | Suppressed | Suppressed | 299 | 11,757,685 | 2.5 | 3.5 |
| | Black or African American | Suppressed | 6,111 | Suppressed | Suppressed | 2,737 | 36,594,309 | 7.5 | 9.4 |
| | White | 41 | 678,523 | 6.0 | 5.5 | 22,982 | 230,085,762 | 10 | 9.6 |
| | Total | 82 | 754,844 | 10.9 | 10.9 | 26,552 | 281,421,906 | 9.4 | 9.5 |
| 2001 | American Indian or Alaska Native | 25 | 65,673 | 38.1 | 56.1 | 533 | 3,054,311 | 17.5 | 22.6 |
| | Asian or Pacific Islander | Suppressed | 5,470 | Suppressed | Suppressed | 319 | 12,194,101 | 2.6 | 3.5 |
| | Black or African American | Suppressed | 6,874 | Suppressed | Suppressed | 2,775 | 37,196,779 | 7.5 | 9.3 |
| | White | 51 | 680,966 | 7.5 | 7.0 | 23,408 | 232,351,696 | 10.1 | 9.6 |
| | Total | 77 | 758,983 | 10.1 | 10.1 | 27,035 | 284,796,887 | 9.5 | 9.5 |
| 2002 | American Indian or Alaska Native | 32 | 66,299 | 48.3 | 79.6 | 547 | 3,076,095 | 17.8 | 22.8 |
| | Asian or Pacific Islander | Suppressed | 5,743 | Suppressed | Suppressed | 313 | 12,798,479 | 2.4 | 3.2 |
| | Black or African American | Suppressed | 7,508 | Suppressed | Suppressed | 2,588 | 37,747,692 | 6.9 | 8.5 |
| | White | 43 | 682,557 | 6.3 | 5.7 | 23,809 | 234,746,440 | 10.1 | 9.6 |
| | Total | 75 | 762,107 | 9.8 | 9.7 | 27,257 | 288,368,706 | 9.5 | 9.4 |
| 2003 | American Indian or Alaska Native | 25 | 67,088 | 37.3 | 59.1 | 570 | 3,111,067 | 18.3 | 22.6 |
| | Asian or Pacific Islander | Suppressed | 6,150 | Suppressed | Suppressed | 307 | 13,202,190 | 2.3 | 3 |
| | Black or African American | Suppressed | 8,074 | Suppressed | Suppressed | 2,621 | 38,148,112 | 6.9 | 8.3 |
| | White | 53 | 685,663 | 7.7 | 6.9 | 24,005 | 236,349,420 | 10.2 | 9.6 |
| | Total | 80 | 766,975 | 10.4 | 10.1 | 27,503 | 290,810,789 | 9.5 | 9.3 |
| 2004 | American Indian or Alaska Native | 37 | 68,153 | 54.3 | 90.1 | 577 | 3,148,484 | 18.3 | 22.7 |
| | Asian or Pacific Islander | Suppressed | 6,495 | Suppressed | Suppressed | 340 | 13,638,053 | 2.5 | 3.2 |
| | Black or African American | Suppressed | 8,704 | Suppressed | Suppressed | 2,534 | 38,600,765 | 6.6 | 7.9 |
| | White | 58 | 690,931 | 8.4 | 7.4 | 23,562 | 238,268,102 | 9.9 | 9.2 |
| | Total | 95 | 774,283 | 12.3 | 11.8 | 27,013 | 293,655,404 | 9.2 | 9 |
| 2005 | American Indian or Alaska Native | 32 | 68,928 | 46.4 | 75.3 | 596 | 3,161,185 | 18.9 | 22.6 |
| | Asian or Pacific Islander | Suppressed | 6,785 | Suppressed | Suppressed | 401 | 14,039,700 | 2.9 | 3.6 |
| | Black or African American | Suppressed | 9,327 | Suppressed | Suppressed | 2,530 | 39,073,991 | 6.5 | 7.7 |
| | White | 51 | 695,044 | 7.3 | 6.4 | 24,003 | 240,135,528 | 10 | 9.2 |
| | Total | 83 | 780,084 | 10.6 | 10.2 | 27,530 | 296,410,404 | 9.3 | 8.9 |
| 2006 | American Indian or Alaska Native | 38 | 69,841 | 54.4 | 81.3 | 596 | 3,201,342 | 18.6 | 22.1 |
| | Asian or Pacific Islander | Suppressed | 7,211 | Suppressed | Suppressed | 419 | 14,541,277 | 2.9 | 3.5 |
| | Black or African American | Suppressed | 9,999 | Suppressed | Suppressed | 2,349 | 39,558,375 | 5.9 | 7.0 |
| | White | 44 | 701,468 | 6.3 | 5.4 | 24,191 | 242,097,490 | 10.0 | 9.1 |
| | Total | 82 | 788,519 | 10.4 | 10.1 | 27,555 | 299,398,484 | 9.2 | 8.8 |

Table continued on next page

Table A7: Deaths from Suicide continued

| Year | Race | South Dakota | | | | United States | | | |
|------|----------------------------------|--------------|------------|------------------------|-------------------------------|---------------|-------------|------------------------|-------------------------------|
| | | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 | Deaths | Population | Crude Rate Per 100,000 | Age Adjusted Rate per 100,000 |
| 2007 | American Indian or Alaska Native | 38 | 70,789 | 53.7 | 81.2 | 709 | 3,235,707 | 21.9 | 24.8 |
| | Asian or Pacific Islander | Suppressed | 7,387 | Suppressed | Suppressed | 408 | 14,773,548 | 2.8 | 3.2 |
| | Black or African American | Suppressed | 10,720 | Suppressed | Suppressed | 2,558 | 40,028,958 | 6.4 | 7.4 |
| | White | 55 | 708,139 | 7.8 | 6.7 | 25,490 | 243,582,944 | 10.5 | 9.5 |
| | Total | 95 | 797,035 | 11.9 | 11.4 | 29,165 | 301,621,157 | 9.7 | 9.1 |
| 2008 | American Indian or Alaska Native | 28 | 74,790 | 37.4 | 34.5 | 409 | 3,983,929 | 10.3 | 10.1 |
| | Asian or Pacific Islander | Suppressed | 7,918 | Suppressed | Suppressed | 876 | 16,094,699 | 5.4 | 5.5 |
| | Black or African American | Suppressed | 11,798 | Suppressed | Suppressed | 2,106 | 41,048,959 | 5.1 | 5.2 |
| | White | 96 | 704,618 | 13.6 | 13.6 | 32,644 | 242,966,379 | 13.4 | 13.0 |
| | Total | 124 | 799,124 | 15.5 | 15.7 | 36,035 | 304,093,966 | 11.8 | 11.6 |
| 2009 | American Indian or Alaska Native | 35 | 76,035 | 46.0 | 42.1 | 429 | 4,141,215 | 10.4 | 10.0 |
| | Asian or Pacific Islander | Suppressed | 8,755 | Suppressed | Suppressed | 971 | 16,609,031 | 5.8 | 5.9 |
| | Black or African American | Suppressed | 12,745 | Suppressed | Suppressed | 2,084 | 41,632,450 | 5.0 | 5.1 |
| | White | 93 | 709,532 | 13.1 | 13.2 | 33,425 | 244,388,833 | 13.7 | 13.2 |
| | Total | 129 | 807,067 | 16.0 | 16.3 | 36,909 | 306,771,529 | 12.0 | 11.8 |
| 2010 | American Indian or Alaska Native | 28 | 77,193 | 36.3 | 31.0 | 469 | 4,263,538 | 11.0 | 10.9 |
| | Asian or Pacific Islander | Suppressed | 8,913 | Suppressed | Suppressed | 1,061 | 16,993,326 | 6.2 | 6.2 |
| | Black or African American | Suppressed | 13,356 | Suppressed | Suppressed | 2,144 | 42,065,334 | 5.1 | 5.2 |
| | White | 111 | 714,718 | 15.5 | 15.5 | 34,690 | 245,423,340 | 14.1 | 13.6 |
| | Total | 140 | 814,180 | 17.2 | 17.5 | 38,364 | 308,745,538 | 12.4 | 12.1 |
| 2011 | American Indian or Alaska Native | 24 | 78,335 | 30.6 | 30.8 | 459 | 4,347,413 | 10.6 | 10.6 |
| | Asian or Pacific Islander | Suppressed | 9,677 | Suppressed | Suppressed | 1,043 | 17,471,358 | 6 | 5.9 |
| | Black or African American | Suppressed | 14,997 | Suppressed | Suppressed | 2,241 | 42,678,815 | 5.3 | 5.3 |
| | White | 102 | 720,763 | 14.2 | 13.8 | 35,775 | 247,094,331 | 14.5 | 13.9 |
| | Total | 128 | 823,772 | 15.5 | 15.7 | 39,518 | 311,591,917 | 12.7 | 12.3 |
| 2012 | American Indian or Alaska Native | 22 | 79,084 | 27.8 | 26.1 | 485 | 4,398,436 | 11 | 10.9 |
| | Asian or Pacific Islander | Suppressed | 10,472 | Suppressed | Suppressed | 1,152 | 18,087,959 | 6.4 | 6.3 |
| | Black or African American | Suppressed | 17,657 | Suppressed | Suppressed | 2,357 | 43,203,092 | 5.5 | 5.6 |
| | White | 117 | 726,834 | 16.1 | 15.6 | 36,606 | 248,224,553 | 14.7 | 14.1 |
| | Total | 141 | 834,047 | 16.9 | 16.8 | 40,600 | 313,914,040 | 12.9 | 12.6 |
| 2013 | American Indian or Alaska Native | 23 | 79,903 | 28.8 | 27.5 | 521 | 4,457,934 | 11.7 | 11.7 |
| | Asian or Pacific Islander | Suppressed | 11,253 | Suppressed | Suppressed | 1,121 | 18,630,136 | 6 | 5.9 |
| | Black or African American | Suppressed | 19,294 | Suppressed | Suppressed | 2,353 | 43,696,271 | 5.4 | 5.4 |
| | White | 122 | 734,427 | 16.6 | 17.1 | 37,154 | 249,344,498 | 14.9 | 14.2 |
| | Total | 147 | 844,877 | 17.4 | 18.0 | 41,149 | 316,128,839 | 13 | 12.6 |
| 2014 | American Indian or Alaska Native | 23 | 80,657 | 28.5 | 28.0 | 494 | 4,518,981 | 10.9 | 11.0 |
| | Asian or Pacific Islander | Suppressed | 12,180 | Suppressed | Suppressed | 1,197 | 19,398,214 | 6.2 | 6.0 |
| | Black or African American | Suppressed | 19,688 | Suppressed | Suppressed | 2,558 | 44,309,394 | 5.8 | 5.8 |
| | White | 117 | 740,650 | 15.8 | 16.0 | 38,819 | 250,630,467 | 15.5 | 14.8 |
| | Total | 142 | 853,175 | 16.6 | 17.2 | 43,068 | 318,857,056 | 13.5 | 13.1 |

Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010. CDC WONDER Online Database, compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmf-icd10.html>

Appendix B

Source Data:

Youth Risk Behavior Surveillance System (YRBSS), Centers for Disease Control and Prevention (CDC)

Table B1: Unintentional Injuries and Violence

Table B2: Tobacco Use

Table B3: Alcohol Use

Table B4: Other Drug Use

Table B1: Unintentional Injuries and Violence

| Question | 2015 SD Results | | 2015 US Results | | | | 2013 SD Results | | 2013 US Results | | | | 2011 SD Results | | 2011 US Results | | | |
|--|-----------------|-------------|-----------------|-------------|---------|---------------|-----------------|-------------|-----------------|-------------|---------|---------------|-----------------|-------------|-----------------|-------------|---------|---------------|
| | % | 95% CI | % | 95% CI | p-value | Difference | % | 95% CI | % | 95% CI | p-value | Difference | % | 95% CI | % | 95% CI | p-value | Difference |
| Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else) | 14.6 | (11.0-19.3) | 6.1 | (4.9-7.6) | 0 | Different | 16.1 | (12.5–20.5) | 7.6 | (6.4–9.1) | 0 | Different | 20.1 | (16.6–24.2) | 7.7 | (6.5–9.1) | <0.01 | Different |
| Percentage of students who rode with a driver who had been drinking alcohol one or more times (in a car or other vehicle during the 30 days before the survey) | 20.1 | (16.0-25.0) | 20.0 | (18.4-21.6) | 0.94 | Not Different | 17.3 | (14.7–20.3) | 21.9 | (20.0–23.9) | 0.01 | Different | 23.2 | (19.2–27.9) | 24.1 | (22.9–25.3) | 0.7 | Not Different |
| Percentage of students who drove when drinking alcohol one or more times (a car or other vehicle during the 30 days before the survey) | 7.9 | (5.8-10.8) | 7.8 | (6.8-9.0) | 0.95 | Not Different | 6.6 | (5.0–8.7) | 10 | (8.5–11.8) | 0.01 | Different | 10.9 | (8.7–13.7) | 8.2 | (7.6–8.8) | 0.03 | Different |
| Percentage of students who carried a weapon on school property on at least 1 day (for example, a gun, knife, or club during the 30 days before the survey) | 7.1 | (4.9-10.3) | 4.1 | (3.5-4.7) | 0.02 | Different | 6.8 | (5.2–8.8) | 5.2 | (4.4–6.2) | 0.12 | not different | 5.7 | (4.7–6.9) | 5.4 | (4.7–6.1) | 0.59 | Not Different |

Table B1: Unintentional Injuries and Violence

| Question | 2015 SD Results | | 2013 US Results | | | | 2013 SD Results | | 2013 US Results | | | | 2011 SD Results | | 2011 US Results | | | |
|---|-----------------|-------------|-----------------|-------------|---------|---------------|-----------------|-------------|-----------------|-------------|---------|---------------|-----------------|-------------|-----------------|-------------|---------|---------------|
| | % | 95% CI | % | 95% CI | p-value | Difference | % | 95% CI | % | 95% CI | p-value | Difference | % | 95% CI | % | 95% CI | p-value | Difference |
| Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school on at least 1 day (during the 30 days before the survey) | 4.7 | (2.8-7.8) | 5.6 | (4.8-6.5) | 0.48 | Not Different | 5.2 | (3.7-7.3) | 7.1 | (6.0-8.3) | 0.08 | not different | 3.9 | (3.0-5.1) | 5.9 | (5.1-6.9) | <0.01 | Different |
| Percentage of students who threatened or injured with a weapon on school property one or more times (for example, a gun, knife, or club during the 12 months before the survey) | 7.3 | (5.3-9.9) | 6.0 | (5.2-6.8) | 0.27 | Not different | 5 | (3.7-6.6) | 6.9 | (6.2-7.7) | 0.02 | different | 6 | (4.6-7.8) | 7.4 | (6.8-8.1) | 0.1 | Not Different |
| Percentage of students who in a physical fight on school property one or more times (during the 12 months before the survey) | 6.8 | (4.5-10.2) | 7.8 | (6.7-8.9) | 0.52 | Not Different | 6.6 | (5.6-7.7) | 8.1 | (7.5-8.9) | 0.02 | different | 8.2 | (6.4-10.3) | 12 | (11.3-12.8) | <0.01 | Different |
| Percentage of students who bullied on school property (during the 12 months before the survey) | 21.6 | (17.1-27.0) | 20.2 | (18.8-21.7) | 0.57 | Not different | 24.3 | (20.3-28.8) | 19.6 | (18.6-20.8) | 0.03 | different | 26.7 | (24.2-29.4) | 20.1 | (18.7-21.5) | <0.01 | Different |

Table B1: Unintentional Injuries and Violence continued

| | 2015 SD Results | | 2015 US Results | | | | 2013 SD Results | | 2013 US Results | | | | 2011 SD Results | | 2011 US Results | | | |
|---|-----------------|-------------|-----------------|-------------|---------|---------------|-----------------|-------------|-----------------|-------------|---------|---------------|-----------------|-------------|-----------------|-------------|---------|---------------|
| Question | % | 95% CI | % | 95% CI | p-value | Difference | % | 95% CI | % | 95% CI | p-value | Difference | % | 95% CI | % | 95% CI | p-value | Difference |
| Percentage of students who seriously considered attempting suicide (during the 12 months before the survey) | 16.1 | (12.4-20.7) | 17.7 | (16.7-18.8) | 0.43 | Not Different | 16.0 | (13.0-19.5) | 17.0 | (15.8-18.2) | .56 | Not Different | 17.8 | (13.9-22.7) | 15.8 | (15.1-16.5) | 0.35 | Not Different |
| Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) | 11.8 | (8.8-15.6) | 14.6 | (13.4-15.8) | 0.11 | Not Different | 13.0 | (9.8-17.1) | 13.6 | (12.3-15.0) | 0.77 | Not Different | 12.8 | (9.7-16.8) | 12.8 | (12.0-13.6) | 0.99 | Not Different |
| Percentage of students who attempted suicide one or more times (during the 12 months before the survey) | 8.4 | (5.7-12.3) | 8.6 | (7.6-9.6) | 0.94 | Not Different | 8.9 | (6.6-11.9) | 8.0 | (7.2-8.9) | 0.50 | Not Different | 7.9 | (4.7-13.0) | 7.8 | (7.1-8.5) | 0.94 | Not Different |
| Percentage of students who suicide attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey) | 3.8 | (2.2-6.6) | 2.8 | (2.2-3.5) | 0.32 | Not Different | N/A | N/A | 2.7 | (2.3-3.1) | N/A | N/A | 2.8 | (2.0-4.0) | 2.4 | (2.0-2.9) | 0.42 | Not Different |
| Percentage of students who carried a weapon on at least 1 day (for example, a gun, knife, or club during the 30 days before the survey) | NA | NA | 16.2 | (14.4-18.1) | NA | NA | NA | NA | 17.9 | (16.5-19.4) | NA | NA | NA | NA | 16.6 | (15.4-18.0) | NA | NA |
| Percentage of students who carried a gun on at least 1 day (during the 30 days before the survey) | NA | NA | 5.3 | (4.6-6.1) | NA | NA | NA | NA | 5.5 | (4.8-6.3) | NA | NA | NA | NA | 5.1 | (4.6-5.7) | NA | NA |

Table B1: Unintentional Injuries and Violence continued

| | 2015 SD Results | | 2013 US Results | | | | 2013 SD Results | | 2013 US Results | | | | 2011 SD Results | | 2011 US Results | | | |
|---|-----------------|-------------|-----------------|-------------|------|---------------|-----------------|-------------|-----------------|-------------|------|---------------|-----------------|-------------|-----------------|-------------|-------|---------------|
| Percentage of students who in a physical fight one or more times (during the 12 months before the survey) | 21.7 | (17.0-27.2) | 22.6 | (20.9-24.4) | 0.72 | not different | 24.2 | (20.2-28.7) | 24.7 | (23.2-26.2) | 0.83 | not different | 24.5 | (20.2-29.3) | 32.8 | (31.5-34.1) | <0.01 | Different |
| Percentage of students who injured in a physical fight one or more times (injuries had to be treated by a doctor or nurse, during the 12 months before the survey) | 2.0 | (1.2-3.3) | 2.9 | (2.5-3.4) | 0.09 | Not different | 2.1 | (1.5-2.9) | 3.1 | (2.7-3.5) | 0.01 | different | 2.1 | (1.4-3.1) | 3.9 | (3.5-4.4) | <0.01 | Different |
| Percentage of students who hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend (during the 12 months before the survey) | 8.8 | (6.2-12.4) | 9.6 | (8.8-10.6) | 0.61 | Not different | 7.8 | (6.4-9.4) | 10.3 | (9.2-11.4) | 0.01 | different | 12.8 | (10.8-15.1) | 9.4 | (8.6-10.3) | <0.01 | Different |
| Percentage of students who ever physically forced to have sexual intercourse (when they did not want to) | 5.1 | (3.2-8.0)) | 6.7 | (5.6-8.0) | 0.57 | not different | 7.5 | (5.9-9.5) | 7.3 | (6.6-8.1) | 0.87 | not different | 9.6 | (8.0-11.5) | 8 | (7.3-8.8) | 0.08 | Not Different |
| Percentage of students who ever been electronically bullied (including through e-mail, chat rooms, instant messaging, Web sites, or texting during the 12 months before the survey) | 18.4 | (15.3-21.9) | 15.5 | (14.5-16.6) | 0.09 | Not different | 17.8 | (15.7-20.1) | 14.8 | (13.7-15.9) | 0.01 | different | 19.6 | (17.7-21.6) | 16.2 | (15.3-17.2) | <0.01 | Different |

Table B2:Tobacco Use

| Question | 2015 SD Results | | 2015 US Results | | | | 2013 SD Results | | 2013 US Results | | | | 2011 SD Results | | 2011 US Results | | | |
|---|-----------------|-------------|-----------------|-------------|-----------|---------------|-----------------|-------------|-----------------|-------------|-----------|---------------|-----------------|-------------|-----------------|-------------|-----------|---------------|
| | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** |
| Ever tried cigarette smoking (even one or two puffs) | 33.3 | (28.5-38.5) | 32.2 | (28.9-35.8) | 0.721 | not different | 40.2 | (33.6-47.2) | 41.1 | (38.4-43.8) | 0.81 | not different | 47.6 | (38.8-56.5) | 44.7 | (42.3-47.2) | 0.53 | No difference |
| Smoked a whole cigarette for the first time before age 13 years | 9.2 | (6.9-12.3) | 6.6 | (5.5-7.9) | 0.06 | not different | 9.5 | (6.4-13.7) | 9.3 | (7.8-11.1) | 0.94 | not different | 12.4 | (7.5-19.8) | 10.3 | (9.3-11.5) | 0.49 | No difference |
| Smoked cigarettes on at least 1 day (during the 30 days before the survey) | 10.1 | (6.8-14.6) | 10.8 | (9.4-12.4) | 0.71 | not different | 16.5 | (12.5-21.4) | 15.7 | (13.5-18.1) | 0.73 | not different | 23.1 | (17.1-30.5) | 18.1 | (16.7-19.5) | 0.13 | No difference |
| Smoked cigarettes on 20 or more days (during the 30 days before the survey) | 4.7 | (2.9-7.5) | 3.4 | (2.6-4.3) | 0.27 | not different | 6.7 | (4.6-9.8) | 5.6 | (4.4-7.1) | 0.42 | not different | 9.8 | (6.8-13.8) | 6.4 | (5.8-7.1) | 0.05 | No difference |
| Smoked more than 10 cigarettes per day (among students who currently smoked cigarettes, on the days they smoked during the 30 days before the survey) | 11.5 | (5.9-21.1) | 7.9 | (6.2-9.9) | 0.32 | not different | 5.6 | (2.8-10.9) | 8.6 | (6.6-11.2) | 0.16 | not different | 4.6 | (2.4-8.4) | 7.8 | (6.3-9.7) | 0.05 | No difference |

Table B2:Tobacco Use Continued

| Question | 2013 SD Results | | 2013 US Results | | | | 2013 SD Results | | 2013 US Results | | | | 2011 SD Results | | 2011 US Results | | | |
|---|-----------------|-------------|-----------------|-------------|-----------|---------------|-----------------|-------------|-----------------|-------------|-----------|---------------|-----------------|-------------|-----------------|-------------|-----------|---------------|
| | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** |
| Smoked cigarettes on school property on at least 1 day (during the 30 days before the survey) | NA | NA | NA | NA | NA | NA | 4.1 | (2.9–5.6) | 3.8 | (3.1–4.8) | 0.76 | not different | 5.7 | (4.1–7.8) | 4.9 | (4.4–5.4) | 0.41 | No difference |
| Ever smoked at least one cigarette every day for 30 days | 3.3 | (2.0–5.6) | 2.3 | (1.7–3.0) | 0.24 | Different | NA | NA | 8.8 | (7.2–10.8) | NA | NA | 14.7 | (10.6–20.1) | 10.2 | (9.2–11.2) | 0.05 | No difference |
| Did not try to quit smoking cigarettes (among students who currently smoked cigarettes, during the 12 months before the survey) | 49.4 | (38.2–60.7) | 54.6 | (50.5–58.7) | 0.38 | not different | 41.7 | (31.9–52.1) | 52 | (48.7–55.1) | 0.05 | not different | 42.0 | (33.2–51.2) | 50.1 | (47.0–53.1) | 0.09 | No difference |
| Usually obtained their own cigarettes by buying them in a store or gas station (among the students who were aged <18 years and who currently smoked cigarettes, during the 30 days before the survey) | 5.7 | (2.2–11.5) | 12.6 | (9.7–16.1) | 0.01 | Different | 11.1 | (4.3–25.9) | 18.1 | (14.4–22.4) | 0.19 | not different | 9.0 | (5.1–15.5) | 14 | (11.5–16.9) | 0.08 | No difference |
| Used chewing tobacco, snuff, or dip on at least 1 day (during the 30 days before the survey) | 11.7 | (9.0–15.2) | 7.3 | (6.1–8.6) | 0.01 | Different | 11.5 | (8.3–15.8) | 8.8 | (7.3–10.6) | 0.17 | not different | 14.7 | (10.9–19.6) | 7.7 | (6.6–9.0) | 0 | Different |

Table B2: Tobacco Use Continued

| Question | 2015 SD Results | | 2015 US Results | | | | 2013 SD Results | | 2013 US Results | | | | 2011 SD Results | | 2011 US Results | | | |
|---|-----------------|--------|-----------------|--------|-----------|---------|-----------------|--------|-----------------|-------------|-----------|-----------|-----------------|------------|-----------------|-------------|-----------|---------------|
| | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** |
| Used chewing tobacco, snuff, or dip on school property on at least 1 day (during the 30 days before the survey)* | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7.6 | (4.8–11.7) | 4.8 | (4.0–5.9) | 0.11 | No difference |
| Smoked cigars, cigarillos, or little cigars on at least 1 day (during the 30 days before the survey) | NA | NA | NA | NA | NA | NA | — | — | 12.6 | (11.4–13.9) | ~ | different | — | — | 13.1 | (12.2–14.1) | ~ | Different |
| Smoked cigarettes; smoked cigars, cigarillos, or little cigars; or used chewing tobacco, snuff, or dip on at least 1 day (during the 30 days before the survey) | NA | NA | NA | NA | NA | NA | — | — | 22.4 | (19.9–25.0) | ~ | different | — | — | 23.4 | (21.8–25.1) | ~ | Different |

*question not surveyed in 2013

'—' = Data not available

~ = P-value not available

Table B3: Alcohol Use

| Question | 2015 SD Results | | 2015 US Results | | | | 2013 SD Results | | 2013 US Results | | | | 2011 SD Results | | 2011 US Results | | | |
|--|-----------------|-------------|-----------------|-------------|-----------|---------------|-----------------|-------------|-----------------|-------------|-----------|---------------|-----------------|-------------|-----------------|-------------|-----------|---------------|
| | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** |
| Ever had at least one drink of alcohol on at least 1 day (during their life) | 60.3 | (53.7-66.4) | 63.2 | (60.6-65.8) | 0.38 | not different | 64 | (59.1-68.7) | 66.2 | (63.7-68.5) | 0.42 | not different | 69.1 | (64.5-73.3) | 70.8 | (69.0-72.5) | 0.47 | No difference |
| Drank alcohol for the first time before age 13 years (other than a few sips) | 18.4 | (14.2-23.4) | 17.2 | (16.0-18.4) | 0.61 | not different | 17.2 | (14.9-19.8) | 18.6 | (17.2-20.0) | 0.33 | not different | 19.0 | (16.0-22.3) | 20.5 | (19.2-21.8) | 0.37 | No difference |
| Had at least one drink of alcohol on at least 1 day (during the 30 days before the survey) | 28.0 | (23.1-33.6) | 32.8 | (30.4-35.2) | 0.09 | Not different | 30.8 | (27.9-33.9) | 34.9 | (32.8-37.1) | 0.03 | different | 39.2 | (34.9-43.7) | 38.7 | (37.2-40.3) | 0.82 | No difference |
| Had five or more drinks of alcohol in a row within a couple of hours on at least 1 day (during the 30 days before the survey) | 14.3 | (11.1-18.3) | 17.7 | (15.8-19.8) | 0.09 | Not different | 17.2 | (14.8-20.0) | 20.8 | (19.1-22.7) | 0.02 | different | 26.2 | (21.9-30.9) | 21.9 | (21.0-22.8) | 0.06 | No difference |
| Usually obtained the alcohol they drank by someone giving it to them (among students who currently drank alcohol during the 30 days before the survey) | — | — | 44.1 | (41.9-46.4) | ~ | different | — | — | 41.8 | (39.4-44.1) | ~ | different | — | — | 40.0 | (37.5-42.5) | ~ | Different |
| Had at least one drink of alcohol on school property on at least 1 day (during the 30 days before the survey)* | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | — | — | 5.1 | (4.5-5.8) | ~ | Different |

*question not surveyed in 2013

‘—’ = Data not available

~ = P-value not available

Table B4: Other Drug Use

| Question | 2015 SD Results | | 2015 US Results | | | | 2013 SD Results | | 2013 US Results | | | | 2011 SD Results | | 2011 US Results | | | |
|---|-----------------|-------------|-----------------|-------------|-----------|---------------|-----------------|-------------|-----------------|-------------|-----------|---------------|-----------------|-------------|-----------------|-------------|-----------|---------------|
| | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** |
| Ever used marijuana one or more times (during their life) | 25.0 | (19.3-31.7) | 38.6 | (35.5-41.8) | 0 | different | 29.6 | (23.1-37.1) | 40.7 | (37.9-43.5) | 0 | different | 32.8 | (23.5-43.8) | 39.9 | (37.8-42.1) | 0.2 | No difference |
| Tried marijuana for the first time before age 13 years | 6.0 | (4.0-9.0) | 7.5 | (6.5-8.7) | 0.27 | not different | 7.2 | (4.6-11.2) | 8.6 | (7.4-10.1) | 0.41 | not different | 7.8 | (3.9-14.9) | 8.1 | (7.3-9.0) | 0.9 | No difference |
| Used marijuana one or more times (during the 30 days before the survey) | 12.4 | (8.4-17.7) | 21.7 | (19.3-24.2) | 0.00 | different | 16.1 | (10.7-23.3) | 23.4 | (21.3-25.7) | 0.02 | different | 17.8 | (11.6-26.3) | 23.1 | (21.5-24.7) | 0.2 | No difference |
| Used marijuana on school property one or more times (during the 30 days before the survey) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | — | — | 5.9 | (5.1-6.7) | ~ | Different |
| Ever used any form of cocaine one or more times (for example, powder, crack, or freebase, during their life) | — | — | 5.2 | (4.3-6.2) | ~ | | — | — | 5.5 | (4.7-6.6) | ~ | | — | — | 6.8 | (6.2-7.5) | ~ | Different |
| Used any form of cocaine one or more times (for example, powder, crack, or freebase, during the 30 days before the survey)* | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3.3 | (2.0-5.5) | 3.0 | (2.6-3.5) | 0.7 | No difference |

*question not surveyed in 2013

'—' = Data not available

~ = P-value not available

Table B4: Other Drug Use Continued

| Question | 2015 SD Results | | 2015 US Results | | | | 2013 SD Results | | 2013 US Results | | | | 2011 SD Results | | 2011 US Results | | | |
|--|-----------------|-------------|-----------------|-------------|-----------|---------------|-----------------|-------------|-----------------|-------------|-----------|---------------|-----------------|-------------|-----------------|-------------|-----------|---------------|
| | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** | % | 95% CI | % | 95% CI | P-Value** | Diff*** |
| Ever sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times (during their life) | 9.9 | (7.5-13.0) | 7.0 | (6.2-8.0) | 0.04 | Different | 10.7 | (8.0-14.1) | 8.9 | (7.9-10.1) | 0.26 | no different | 11.8 | (8.8-15.5) | 11.4 | (10.7-12.1) | 0.8 | No difference |
| Ever used heroin one or more times (also called "smack", "junk", or "China white", during their life) | 2.9 | (1.5-5.5) | 2.1 | (1.5-2.8) | 0.38 | Not different | — | — | 2.2 | (1.7-2.8) | ~ | NA | — | — | 2.9 | (2.5-3.3) | ~ | Different |
| Ever used methamphetamines one or more times (also called "speed", "crystal", "crank", or "ice", during their life) | 3.8 | (2.2-6.4) | 3.0 | (2.4-3.8) | 0.47 | Not different | 4.2 | (2.6-6.7) | 3.2 | (2.6-4.0) | 0.33 | Not different | 3.5 | (2.6-4.8) | 3.8 | (3.4-4.3) | 0.6 | No difference |
| Ever used ecstasy one or more times (also called "MDMA", during their life) | — | — | 5.0 | (4.3-5.8) | ~ | NA | — | — | 6.6 | (5.6-7.7) | ~ | NA | — | — | 8.2 | (7.2-9.4) | ~ | Different |
| Ever took steroid pills or shots without a doctor's prescription one or more times (during their life) | — | — | 3.5 | (2.8-4.3) | ~ | NA | — | — | 3.2 | (2.6-4.0) | ~ | NA | 1.8 | (1.2-2.8) | 3.6 | (3.2-4.1) | 0 | Different |
| Ever took prescription drugs one or more times without a doctor's prescription (such as Oxycontin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax, during their life) | 13.1 | (10.2-16.7) | 16.8 | (15.4-18.2) | 0.03 | Different | 12.8 | (10.5-15.4) | 17.8 | (15.9-19.9) | 0.00 | different | 14.8 | (11.1-19.4) | 20.7 | (19.2-22.2) | 0 | Different |
| Ever used a needle to inject any illegal drug into their body one or more times (during their life) | 2.2 | (1.1-4.6) | 1.8 | (1.3-2.3) | 0.57 | different | 3.0 | (1.9-4.8) | 1.7 | (1.3-2.3) | 0.07 | Not different | 2 | (1.3-3.4) | 2.3 | (1.9-2.7) | 0.8 | No difference |
| Offered, sold, or given an illegal drug by someone on school property (during the 12 months before the survey) | 19.0 | (15.4-23.2) | 21.7 | (19.4-24.2) | 0.24 | Not different | 15.4 | (12.2-19.2) | 22.1 | (20.2-24.1) | 0.00 | different | 16.0 | (12.6-20.0) | 25.6 | (23.6-27.6) | 0 | Different |

'—' = Data not available

~ = P-value not available

Appendix C

Source Data:

National Survey on Drug Use and Health (NSDUH), Substance Abuse and Mental Health Services Administration (SAMHSA), U.S. Department of Health and Human Services (DHHS)

| | |
|-----------|---|
| Table C1 | Illicit Drug Use in Past Month, by Age Group and State: 2013-2014 NSDUHs |
| Table C2 | Marijuana Use in Past Year, by Age Group and State: 2013-2014 NSDUHs |
| Table C3 | Marijuana Use in Past Month, by Age Group and State: 2013-2014 NSDUHs |
| Table C4 | Perceptions of Great Risk of Smoking Marijuana Once a Month, by Age Group and State: 2013-2014 NSDUHs |
| Table C5 | Average Annual Rate of First Use of Marijuana, by Age Group and State: 2013-2014 NSDUHs |
| Table C6 | Illicit Drug Use Other Than Marijuana in Past Month, by Age Group and State: 2013-2014 NSDUHs |
| Table C7 | Cocaine Use in Past Year, by Age Group and State: 2013-2014 NSDUHs |
| Table C8 | Nonmedical Use of Pain Relievers in Past Year, by Age Group and State: 2013-2014 NSDUHs |
| Table C9 | Alcohol Use in Past Month, by Age Group and State: 2013-2014 NSDUHs |
| Table C10 | Binge Alcohol Use in Past Month, by Age Group and State: 2013-2014 NSDUHs |
| Table C11 | Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: 2013-2014 NSDUHs |
| Table C12 | Alcohol Use and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by State: 2013-2014 NSDUHs |
| Table C13 | Tobacco Product Use in Past Month, by Age Group and State: 2013-2014 NSDUHs |
| Table C14 | Cigarette Use in Past Month, by Age Group and State: 2013-2014 NSDUHs |
| Table C15 | Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day, by Age Group and State: 2013-2014 NSDUHs |
| Table C16 | Alcohol Dependence or Abuse in Past Year, by Age Group and State: 2013-2014 NSDUHs |
| Table C17 | Alcohol Dependence in Past Year, by Age Group and State: 2013-2014 NSDUHs |

Table C18 Illicit Drug Dependence or Abuse in Past Year, by Age Group and State: 2013-2014 NSDUHs

Table C19 Illicit Drug Dependence in Past Year, by Age Group and State: 2013-2014 NSDUHs

Table C20 Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year, by Age Group and State: 2013-2014 NSDUHs

Table C21 Needing But Not Receiving Treatment for Illicit Drug Use in Past Year, by Age Group and State: 2013-2014 NSDUHs

Table C22 Needing But Not Receiving Treatment for Alcohol Use in Past Year, by Age Group and State: 2013-2014 NSDUHs

Table C1 Illicit Drug Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 9.77% | (9.52 – 10.04) | 9.11% | (8.74 - 9.50) | 21.75% | (21.16 - 22.36) | 7.81% | (7.51 – 8.11) |
| Northeast | 10.31% | (9.80 - 10.85) | 9.24% | (8.56 - 9.97) | 23.65% | (22.54 - 24.80) | 8.23% | (7.64 – 8.85) |
| Midwest | 9.14% | (8.74 - 9.56) | 8.40% | (7.85 – 8.98) | 21.47% | (20.56 – 22.40) | 7.13% | (6.68 – 7.61) |
| South | 8.58% | (8.22-8.95) | 8.53% | (8.01-9.08) | 19.62% | (18.83-20.43) | 6.71% | (6.30-7.13) |
| West | 11.84% | (11.26-12.44) | 10.59% | (9.77-11.46) | 23.90% | (22.70-25.14) | 9.86% | (9.17-10.59) |
| | | | | | | | | |
| | | | | | | | | |
| South Dakota | 5.82% | (4.76-7.09) | 6.37% | (4.95-8.18) | 14.14% | (11.60-17.12) | 4.28% | (3.22-5.68) |
| | | | | | | | | |
| Iowa | 6.27% | (5.13-7.65) | 6.31% | (4.84-8.20) | 15.84% | (13.15-18.95) | 4.57% | (3.45-6.04) |
| Minnesota | 8.91% | (7.62-10.40) | 7.72% | (6.18-9.59) | 22.14% | (19.15-25.45) | 6.91% | (5.54-8.60) |
| Nebraska | 6.87% | (5.73-8.22) | 7.14% | (5.68-8.93) | 17.72% | (14.90-20.94) | 4.91% | (3.79-6.34) |
| North Dakota | 7.26% | (6.11-8.60) | 6.64% | (5.16-8.50) | 16.18% | (13.52-19.24) | 5.34% | (4.20-6.76) |
| Wyoming | 7.02% | (5.85-8.40) | 7.51% | (5.95-9.44) | 17.23% | (14.38-20.50) | 5.21% | (4.04-6.69) |

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C2 Marijuana Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2012 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 12.90% | (12.61-13.20) | 13.28% | (12.84-13.73) | 31.78% | (31.08-32.48) | 9.63% | (9.31-9.97) |
| Northeast | 13.88% | (13.28-14.50) | 13.98% | (13.14-14.87) | 34.66% | (33.28-36.07) | 10.43% | (9.75-11.15) |
| Midwest | 12.40% | (11.93-12.88) | 12.45% | (11.79-13.13) | 32.13% | (30.96-33.33) | 9.03% | (8.52-9.57) |
| South | 11.24% | (10.83-11.66) | 12.02% | (11.41-12.65) | 28.93% | (27.89-29.99) | 8.14% | (7.69-8.61) |
| West | 15.27% | (14.66-15.90) | 15.53% | (14.59-16.52) | 33.72% | (32.31-35.16) | 11.97% | (11.26-12.71) |
| | | | | | | | | |
| South Dakota | 8.97% | (7.67-10.47) | 9.95% | (8.09-12.19) | 24.21% | (21.01-27.72) | 6.17% | (4.82-7.86) |
| | | | | | | | | |
| Iowa | 9.74% | (8.39-11.28) | 10.06% | (8.17-12.34) | 29.18% | (25.60-33.05) | 6.25% | (4.88-7.97) |
| Minnesota | 12.22% | (10.61-14.03) | 11.64% | (9.59-14.07) | 32.91% | (29.39-36.64) | 8.93% | (7.21-11.01) |
| Nebraska | 10.35% | (8.92-11.97) | 11.40% | (9.42-13.73) | 29.18% | (25.65-32.98) | 6.86% | (5.39-8.69) |
| North Dakota | 10.25% | (8.91-11.76) | 10.25% | (8.34-12.55) | 26.76% | (23.54-30.24) | 6.55% | (5.20-8.22) |
| Wyoming | 10.72% | (9.21-12.44) | 12.03% | (9.98-14.43) | 27.50% | (23.91-31.41) | 7.67% | (6.08-9.64) |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C3 Marijuana Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 7.96% | (7.74-8.19) | 7.22% | (6.88-7.57) | 19.32% | (18.75-19.19) | 6.11% | (5.85-6.38) |
| Northeast | 8.58% | (8.13-9.06) | 7.68% | (7.08-8.33) | 21.19% | (20.13-22.30) | 6.60% | (6.09-7.14) |
| Midwest | 7.50% | (7.15-7.87) | 6.64% | (6.18-7.13) | 19.23% | (18.40-20.08) | 5.61% | (5.22-6.04) |
| South | 6.74% | (6.44-7.07) | 6.31% | (5.88-6.78) | 17.20% | (16.47-17.95) | 5.02% | (4.67-5.40) |
| West | 9.84% | (9.33-10.37) | 8.85% | (8.12-9.63) | 21.30% | (20.20-22.45) | 7.93% | (7.33-8.57) |
| | | | | | | | | |
| South Dakota | 4.81% | (3.89-5.93) | 5.32% | (4.11-6.84) | 13.02% | (10.64-15.85) | 3.30% | (2.24-4.50) |
| | | | | | | | | |
| Iowa | 5.02% | (4.02-6.24) | 5.17% | (3.93-6.78) | 14.01% | (11.46-17.02) | 3.40% | (2.46-4.69) |
| Minnesota | 7.28% | (6.07-8.70) | 6.75% | (5.35-8.48) | 19.74% | (16.79-23.08) | 5.32% | (4.10-6.88) |
| Nebraska | 5.79% | (4.77-7.01) | 5.54% | (4.34-7.05) | 16.19% | (13.49-19.31) | 3.95% | (2.99-5.25) |
| North Dakota | 5.77% | (4.78-6.96) | 5.60% | (4.30-7.25) | 14.05% | (11.70-16.79) | 4.42% | (2.99-5.19) |
| Wyoming | 6.32% | (5.17-7.70) | 6.19% | (4.85-7.86) | 16.00% | (13.31-19.11) | 4.67% | (3.50-6.20) |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C4 Perceptions of Great Risk of Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 27.35% | (26.88-27.82) | 23.54% | (22.99-24.10) | 14.22% | (13.74-14.72) | 30.09% | (29.51-30.68) |
| Northeast | 25.53% | (24.58-26.51) | 22.31% | (21.23-23.44) | 11.92% | (11.09-12.80) | 28.18% | (27.02-29.36) |
| Midwest | 25.00% | (24.23-25.78) | 23.61% | (22.73-24.51) | 12.29% | (11.63-13.00) | 27.37% | (26.44-28.31) |
| South | 31.08% | (30.31-31.86) | 26.11% | (25.26-26.99) | 17.11% | (16.39-17.85) | 34.09% | (33.15-35.05) |
| West | 24.97% | (24.03-25.94) | 20.28% | (19.23-21.37) | 13.18% | (12.31-14.11) | 27.68% | (26.52-28.88) |
| | | | | | | | | |
| South Dakota | 26.78% | (24.14-29.58) | 25.39% | (22.30-28.75) | 14.46% | (12.09-17.20) | 29.15% | (25.94-32.59) |
| | | | | | | | | |
| Iowa | 28.01% | (25.26-30.92) | 26.20% | (22.89-29.80) | 14.48% | (12.12-17.21) | 30.66% | (27.31-34.22) |
| Minnesota | 22.25% | (19.76-24.95) | 22.51% | (19.67-25.63) | 11.09% | (9.18-13.33) | 24.06% | (21.05-27.35) |
| Nebraska | 26.94% | (24.20-29.87) | 24.60% | (21.41-28.09) | 13.67% | (11.44-16.25) | 29.63% | (26.26-33.24) |
| North Dakota | 24.80% | (22.25-27.53) | 27.53% | (24.13-31.21) | 13.36% | (11.11-15.99) | 27.08% | (23.92-30.50) |
| Wyoming | 26.29% | (23.62-29.13) | 25.84% | (22.60-29.36) | 13.16% | (10.90-15.81) | 28.63% | (25.42-32.06) |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C5 First Use of Marijuana, by Age Group and State: Average Annual Rates Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 1.91% | (1.84-1.98) | 5.60% | (5.37-5.84) | 7.68% | (7.32-8.07) | 0.24% | (0.20-0.28) |
| Northeast | 2.01% | (1.88-2.14) | 5.85% | (5.47-6.25) | 8.40% | (7.69-9.16) | 0.26% | (0.20-0.33) |
| Midwest | 1.95% | (1.83-2.07) | 5.31% | (5.01-5.62) | 8.17% | (7.52-8.87) | 0.23% | (0.18-0.29) |
| South | 1.69% | (1.58-1.80) | 5.18% | (4.91-5.47) | 6.77% | (6.22-7.37) | 0.20% | (0.15-0.25) |
| West | 2.20% | (2.05-2.35) | 6.37% | (5.95-6.83) | 8.27% | (7.50-9.10) | 0.29% | (0.23-0.38) |
| | | | | | | | | |
| South Dakota | 1.48% | (1.25-1.73) | 4.22% | (3.41-5.21) | 6.41% | (5.13-7.97) | 0.18% | (0.12-0.29) |
| | | | | | | | | |
| Iowa | 1.63% | (1.40-1.90) | 4.24% | (3.45-5.20) | 8.03% | (6.45-9.94) | 0.18% | (0.12-0.27) |
| Minnesota | 1.78% | (1.52-2.08) | 4.68% | (3.85-5.67) | 7.47% | (5.96-9.33) | 0.25% | (0.18-0.36) |
| Nebraska | 1.53% | (1.31-1.80) | 4.24% | (3.48-5.15) | 6.41% | (5.10-8.02) | 0.20% | (0.14-0.29) |
| North Dakota | 1.61% | (1.36-1.36) | 4.24% | (3.45-5.21) | 6.43% | (5.09-8.10) | 0.21% | (0.13-0.33) |
| Wyoming | 1.74% | (1.49-2.02) | 5.28% | (4.38-6.36) | 6.97% | (5.55-8.71) | 0.22% | (0.15-0.31) |

NOTE: Average annual marijuana initiation rate = $100 * \{[X1 \div (0.5 * X1 + X2)] \div 2\}$, where X1 is the number of marijuana initiates in the past 24 months and X2 is the number of persons who never used marijuana. Both of the computation components, X1 and X2, are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at the time of the interview, not his or her age at first use.

NOTE: The State and census region Bayesian confidence (credible) intervals presented above use a simultaneous solution for the 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. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C6 Illicit Drug Use Other Than Marijuana in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 3.30% | (3.15-3.45) | 3.30% | (3.07-3.54) | 6.58% | (6.24-6.93) | 2.73% | (2.56-2.92) |
| Northeast | 3.16% | (2.87-3.47) | 2.88% | (2.52-3.28) | 6.50% | (5.91-7.15) | 2.63% | (2.32-2.99) |
| Midwest | 3.03% | (2.81-3.27) | 2.99% | (2.69-3.33) | 6.72% | (6.21-7.28) | 2.41% | (2.16-2.69) |
| South | 3.17% | (2.95-3.40) | 3.47% | (3.15-3.82) | 6.38% | (5.93-6.87) | 2.58% | (2.34-2.85) |
| West | 3.84% | (3.51-4.21) | 3.60% | (3.14-4.11) | 6.81% | (6.17-7.50) | 3.35% | (2.96-3.79) |
| | | | | | | | | |
| South Dakota | 2.18% | (1.62-2.93) | 2.51% | (1.73-3.64) | 4.95% | (3.60-6.77) | 1.65% | (1.10-2.48) |
| | | | | | | | | |
| Iowa | 2.69% | (2.06-3.50) | 2.81% | (1.96-4.01) | 5.95% | (4.48-7.87) | 2.10% | (1.46-3.00) |
| Minnesota | 2.82% | (2.18-3.63) | 2.78% | (2.02-3.81) | 6.54% | (5.03-8.45) | 2.22% | (1.56-3.14) |
| Nebraska | 2.30% | (1.71-3.10) | 2.53% | (1.74-3.66) | 4.95% | (3.62-6.75) | 1.80% | (1.21-2.68) |
| North Dakota | 2.90% | (2.26-3.72) | 2.79% | (1.97-3.93) | 5.56% | (4.21-7.31) | 2.32% | (1.67-3.22) |
| Wyoming | 2.11% | (1.55-2.88) | 2.44% | (1.68-3.53) | 4.64% | (3.31-6.48) | 1.64% | (1.07-2.50) |

NOTE: Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C7 Cocaine Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 1.66% | (1.56-1.76) | 0.60% | (0.50-0.72) | 4.51% | (4.22-4.83) | 1.30% | (1.19-1.42) |
| Northeast | 1.94% | (1.72-2.18) | 0.60% | (0.47-0.77) | 5.19% | (4.65-5.78) | 1.55% | (1.31-1.83) |
| Midwest | 1.37% | (1.22-1.53) | 0.48% | (0.37-0.62) | 3.81% | (3.45-4.22) | 1.06% | (0.90-1.24) |
| South | 1.45% | (1.32-1.60) | 0.53% | (0.52-0.66) | 3.77% | (3.44-4.13) | 1.17% | (1.02-1.34) |
| West | 2.03% | (1.81-2.28) | 0.82% | (0.63-1.07) | 5.78% | (5.16-6.47) | 1.52% | (1.28-1.80) |
| | | | | | | | | |
| South Dakota | 0.90% | (0.59-1.38) | 0.39% | (0.20-0.73) | 2.44% | (1.68-3.53) | 0.70% | (0.40-1.23) |
| | | | | | | | | |
| Iowa | 1.28% | (0.87-1.87) | 0.50% | (0.27-0.92) | 3.86% | (2.74-5.43) | 0.91% | (0.55-1.52) |
| Minnesota | 1.23% | (0.83-1.82) | 0.46% | (0.25-0.84) | 3.60% | (2.56-5.03) | 0.94% | (0.56-1.58) |
| Nebraska | 1.16% | (0.78-1.73) | 0.45% | (0.24-0.84) | 3.45% | (2.43-4.88) | 0.84% | (0.49-1.45) |
| North Dakota | 1.28% | (0.89-1.84) | 0.47% | (0.26-0.84) | 3.18% | (2.24-4.50) | 0.95% | (0.58-1.54) |
| Wyoming | 1.21% | (0.81-1.78) | 0.58% | (0.32-1.05) | 3.88% | (2.75-5.46) | 0.82% | (0.47-1.42) |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C8 Nonmedical Use of Pain Relievers in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 4.06% | (3.90-4.22) | 4.67% | (4.40-4.95) | 8.32% | (7.95-8.70) | 3.26% | (3.08-3.45) |
| Northeast | 3.65% | (3.37-3.95) | 4.03% | (3.62-4.49) | 7.84% | (7.21-8.53) | 2.91% | (2.61-3.24) |
| Midwest | 3.99% | (3.76-4.24) | 4.48% | (4.12-4.87) | 8.64% | (8.09-9.22) | 3.14% | (3.88-3.43) |
| South | 4.09% | (3.86-4.34) | 4.86% | (4.49-5.26) | 8.44% | (7.92-8.98) | 3.26% | (3.00-3.55) |
| West | 4.38% | (4.06-4.74) | 4.97% | (4.46-5.54) | 8.20% | (7.52-8.95) | 3.63% | (3.26-4.05) |
| | | | | | | | | |
| South Dakota | 3.52% | (2.82-4.29) | 4.44% | (3.39-5.80) | 7.46% | (5.86-9.45) | 2.71% | (2.01-3.65) |
| | | | | | | | | |
| Iowa | 3.65% | (2.91-4.58) | 4.31% | (3.30-5.61) | 7.37% | (5.78-9.34) | 2.91% | (2.16-3.92) |
| Minnesota | 3.56% | (2.87-4.41) | 3.96% | (3.01-5.19) | 8.38% | (6.74-10.39) | 2.73% | (2.04-3.65) |
| Nebraska | 3.63% | (2.93-4.49) | 4.26% | (3.26-5.56) | 7.98% | (6.31-10.04) | 2.78% | (2.07-3.71) |
| North Dakota | 3.80% | (3.10-4.66) | 4.38% | (3.34-5.73) | 7.34% | (5.85-9.18) | 2.95% | (2.23-3.88) |
| Wyoming | 3.30% | (2.62-4.15) | 4.19% | (3.16-5.55) | 7.19% | (5.57-9.23) | 2.53% | (1.87-3.42) |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C9 Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 52.42% | (51.91-52.94) | 11.55% | (11.13-11.99) | 59.60% | (58.84-60.35) | 56.18% | (55.56-56.81) |
| Northeast | 57.80% | (56.85-58.75) | 13.19% | (12.36-14.06) | 63.79% | (62.47-65.09) | 61.82% | (60.64-62.99) |
| Midwest | 55.14% | (54.37-55.91) | 11.31% | (10.68-11.97) | 63.11% | (62.03-64.18) | 59.21% | (58.24-60.16) |
| South | 48.74% | (48.00-49.49) | 10.87% | (11.03-11.44) | 56.75% | (55.76-57.73) | 52.06% | (51.13-52.99) |
| West | 51.67% | (50.73-52.60) | 11.71% | (10.93-12.54) | 57.82% | (56.51-59.11) | 55.59% | (54.42-56.75) |
| | | | | | | | | |
| South Dakota | 55.21% | (52.26-58.12) | 9.29% | (7.53-11.41) | 64.39% | (60.63-67.97) | 59.30% | (55.63-62.86) |
| | | | | | | | | |
| Iowa | 56.15% | (53.17-59.08) | 10.81% | (8.79-13.24) | 68.29% | (64.59-71.77) | 59.52% | (55.79-63.13) |
| Minnesota | 58.77% | (55.74-61.73) | 10.67% | (8.81-12.86) | 64.72% | (60.85-68.41) | 63.60% | (59.90-67.15) |
| Nebraska | 57.23% | (54.28-60.12) | 10.53% | (8.61-12.82) | 64.70% | (60.71-68.50) | 61.82% | (58.21-65.29) |
| North Dakota | 58.79% | (56.02-61.50) | 10.92% | (8.90-13.34) | 70.00% | (66.31-73.44) | 61.67% | (58.19-65.04) |
| Wyoming | 55.45% | (52.35-58.50) | 10.60% | (8.11-13.74) | 63.55% | (59.39-67.52) | 59.37% | (55.54-63.10) |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C10 Binge Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 22.94% | (22.55-23.34) | 6.16% | (5.85-6.49) | 37.82% | (37.07-38.58) | 22.44% | (21.97-22.92) |
| Northeast | 23.81% | (22.99-24.64) | 6.99% | (6.40-7.62) | 40.56% | (39.20-41.94) | 22.92% | (21.94-23.94) |
| Midwest | 25.26% | (24.59-25.95) | 6.16% | (5.68-6.67) | 42.38% | (41.27-43.50) | 24.71% | (23.89-25.55) |
| South | 21.50% | (20.92-22.09) | 5.70% | (5.29-6.15) | 34.58% | (33.57-35.60) | 21.23% | (20.53-21.94) |
| West | 22.44% | (21.69-23.21) | 6.32% | (5.75-6.94) | 36.78% | (35.49-38.10) | 21.93% | (21.01-22.87) |
| | | | | | | | | |
| South Dakota | 25.60% | (23.23-28.03) | 6.42% | (5.04-8.15) | 44.74% | (40.96-48.57) | 24.62% | (21.94-27.52) |
| | | | | | | | | |
| Iowa | 25.36% | (23.05-27.82) | 6.40% | (4.99-8.18) | 47.04% | (43.11-51.00) | 23.83% | (21.13-26.74) |
| Minnesota | 24.07% | (21.77-26.54) | 5.14% | (3.97-6.64) | 42.31% | (38.51-46.21) | 23.40% | (20.71-26.32) |
| Nebraska | 24.08% | (21.77-26.55) | 6.32% | (5.00-7.95) | 43.23% | (39.37-47.17) | 22.92% | (20.23-25.86) |
| North Dakota | 28.06% | (25.80-30.45) | 6.98% | (5.56-8.72) | 48.99% | (45.26-52.72) | 25.76% | (23.05-28.67) |
| Wyoming | 25.09% | (22.84-27.48) | 7.45% | (5.93-9.32) | 43.30% | (39.17-47.52) | 24.05% | (21.42-26.89) |

NOTE: 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.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C11 Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 40.79% | (40.31-41.26) | 39.09% | (38.45-39.72) | 33.36% | (32.73-34.00) | 42.27% | (41.68-42.85) |
| Northeast | 39.27% | (38.35-40.20) | 38.23% | (36.98-39.50) | 31.07% | (29.85-32.31) | 40.75% | (39.63-41.88) |
| Midwest | 36.93% | (36.19-37.68) | 36.88% | (35.86-37.91) | 29.28% | (28.30-30.28) | 38.25% | (37.32-39.19) |
| South | 42.89% | (42.15-43.63) | 40.88% | (39.88-41.90) | 36.48% | (35.54-37.42) | 44.23% | (43.31-45.16) |
| West | 42.12% | (41.22-43.03) | 38.84% | (37.60-40.10) | 33.86% | (32.57-35.19) | 44.00% | (42.87-45.13) |
| | | | | | | | | |
| South Dakota | 34.85% | (32.31-37.48) | 36.71% | (33.14-40.42) | 28.45% | (25.10-32.06) | 35.75% | (32.65-38.97) |
| | | | | | | | | |
| Iowa | 35.65% | (33.11-38.17) | 35.83% | (32.26-39.55) | 27.60% | (24.38-31.08) | 37.06% | (33.94-40.29) |
| Minnesota | 34.96% | (32.24-37.77) | 36.70% | (33.15-40.40) | 25.04% | (22.01-28.33) | 36.36% | (33.08-39.77) |
| Nebraska | 38.42% | (35.66-41.25) | 37.70% | (34.13-41.40) | 28.90% | (25.60-32.44) | 40.20% | (36.83-43.67) |
| North Dakota | 34.23% | (31.71-36.84) | 35.04% | (31.51-38.75) | 24.69% | (21.73-27.92) | 36.27% | (33.13-39.53) |
| Wyoming | 38.18% | (35.47-40.97) | 35.27% | (31.78-38.93) | 28.14% | (24.60-31.97) | 40.26% | (36.98-43.63) |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C12 Alcohol Use and Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | Alcohol Use in Past Month Estimate | Alcohol Use in Past Month 95% CI | Binge Alcohol Use in Past Month Estimate | Binge Alcohol Use in Past Month 95% CI |
|---------------------|--|--|--|--|
| Total U.S. | 22.76% | (22.17-23.36) | 14.00% | (13.51-14.50) |
| Northeast | 26.11% | (25.09-27.16) | 15.74% | (14.84-16.68) |
| Midwest | 23.73% | (22.87-24.61) | 15.06% | (14.27-15.89) |
| South | 20.68% | (19.90-21.48) | 12.52% | (11.89-13.27) |
| West | 22.73% | (21.71-23.68) | 14.22% | (13.22-15.05) |
| | | | | |
| South Dakota | 24.59% | (22.20-27.14) | 17.81% | (15.71 - 20.13) |
| | | | | |
| Iowa | 26.90% | (24.27-29.71) | 18.13% | (15.86-20.65) |
| Minnesota | 24.07% | (21.80-26.50) | 14.53% | (12.52-16.80) |
| Nebraska | 22.42% | (19.93-25.12) | 15.42% | (13.39-17.69) |
| North Dakota | 28.44% | (25.79-31.26) | 19.68% | (17.22-22.40) |
| Wyoming | 22.81% | (20.07-25.81) | 16.01% | (13.81-18.49) |

NOTE: 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.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C13 Tobacco Product Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 25.36% | (24.95-25.78) | 7.42% | (7.09-7.76) | 36.04% | (35.33-36.76) | 25.72% | (25.22-26.23) |
| Northeast | 23.76% | (22.97-24.56) | 7.18% | (6.62-7.79) | 34.61% | (33.33-35.92) | 23.82% | (22.85-24.82) |
| Midwest | 28.57% | (27.86-29.29) | 8.58% | (8.01-9.17) | 40.75% | (39.62-41.88) | 28.97% | (28.06-29.90) |
| South | 26.91% | (26.26-27.56) | 7.57% | (7.12-8.05) | 37.26% | (36.24-38.29) | 27.54% | (26.71-28.38) |
| West | 21.20% | (20.43-22.00) | 6.31% | (5.77-6.89) | 31.05% | (29.76-32.34) | 21.33% | (20.34-22.35) |
| | | | | | | | | |
| South Dakota | 28.24% | (25.77-30.85) | 10.02% | (8.10-12.33) | 41.42% | (47.52-45.43) | 28.19% | (25.23-31.34) |
| | | | | | | | | |
| Iowa | 27.52% | (25.08-30.10) | 9.41% | (7.57-11.65) | 40.75% | (37.14-44.45) | 27.38% | (24.46-30.51) |
| Minnesota | 26.43% | (23.99-29.02) | 7.53% | (6.00-9.42) | 39.80% | (36.15-43.58) | 26.54% | (23.63-29.67) |
| Nebraska | 28.00% | (25.54-30.59) | 9.04% | (7.30-11.14) | 41.84% | (38.10-45.67) | 27.94% | (24.99-31.10) |
| North Dakota | 30.13% | (27.79-32.57) | 10.38% | (8.41-12.75) | 45.07% | (41.34-48.85) | 29.03% | (26.24-31.99) |
| Wyoming | 31.52% | (29.01-34.14) | 10.87% | (8.87-13.25) | 44.17% | (44.17-48.18) | 31.79% | (28.80-34.94) |

NOTE: Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C14 Cigarette Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 21.05% | (20.65-21.44) | 5.24% | (4.97-5.54) | 29.49% | (28.80-30.19) | 21.53% | (21.05-22.02) |
| Northeast | 19.69% | (18.95-20.46) | 5.10% | (4.64-5.60) | 28.36% | (27.09-29.66) | 19.89% | (18.95-20.87) |
| Midwest | 23.84% | (23.17-24.53) | 6.16% | (5.72-6.64) | 32.84% | (31.74-33.97) | 24.50% | (23.63-25.38) |
| South | 22.37% | (21.74-23.01) | 5.22% | (4.84-5.62) | 30.24% | (29.25-31.24) | 23.15% | (22.34-23.98) |
| West | 17.43% | (16.70-18.19) | 4.56% | (4.11-5.06) | 26.21% | (24.95-27.51) | 17.50% | (16.57-18.46) |
| | | | | | | | | |
| South Dakota | 22.92% | (20.69-25.32) | 7.30% | (5.80-9.15) | 32.45% | (28.80-36.32) | 23.19% | (20.48-26.13) |
| | | | | | | | | |
| Iowa | 22.75% | (20.52-25.15) | 6.48% | (5.07-8.26) | 32.87% | (29.33-36.61) | 22.95% | (20.24-25.89) |
| Minnesota | 20.72% | (18.62-23.00) | 5.50% | (4.33-6.98) | 31.14% | (27.48-35.06) | 20.87% | (18.37-23.60) |
| Nebraska | 22.84% | (20.63-25.21) | 6.30% | (4.96-7.98) | 30.79% | (27.27-34.56) | 23.53% | (20.85-26.43) |
| North Dakota | 24.50% | (22.36-26.77) | 7.50% | (5.96-9.39) | 34.35% | (30.81-38.07) | 24.23% | (21.63-27.04) |
| Wyoming | 24.58% | (22.25-27.08) | 8.64% | (6.94-10.72) | 33.54% | (29.73-37.58) | 24.94% | (22.14-27.96) |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C15 Perceptions of Great Risk of Smoking One or More Packs of Cigarettes per Day, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 71.06% | (70.65-71.47) | 65.28% | (64.65-65.91) | 66.43% | (65.81-67.05) | 72.55% | (72.05-73.06) |
| Northeast | 73.25% | (72.43-74.06) | 66.02% | (64.77-67.24) | 68.15% | (66.93-69.34) | 74.90% | (73.90-75.88) |
| Midwest | 67.70% | (67.00-68.39) | 64.16% | (63.13-65.18) | 62.77% | (61.74-63.78) | 68.97% | (68.12-69.81) |
| South | 70.30% | (69.64-70.96) | 65.63% | (64.65-66.60) | 66.22% | (65.32-67.11) | 71.57% | (70.76-72.36) |
| West | 73.65% | (72.86-74.43) | 65.22% | (63.92-66.49) | 68.74% | (67.55-69.90) | 75.58% | (74.59-76.54) |
| | | | | | | | | |
| South Dakota | 66.24% | (63.61-68.77) | 66.46% | (62.58-70.14) | 62.89% | (59.16-66.48) | 66.80% | (63.58-69.87) |
| | | | | | | | | |
| Iowa | 67.29% | (64.71-69.78) | 65.36% | (61.40-69.12) | 62.77% | (59.08-66.33) | 68.33% | (65.26-71.24) |
| Minnesota | 69.36% | (66.86-71.75) | 63.59% | (59.84-67.18) | 64.41% | (60.74-67.92) | 70.85% | (67.83-73.70) |
| Nebraska | 65.42% | (62.61-68.13) | 65.04% | (61.12-68.75) | 61.21% | (57.43-64.85) | 66.22% | (62.85-69.43) |
| North Dakota | 64.31% | (61.79-66.75) | 62.12% | (58.27-65.83) | 61.18% | (57.65-64.60) | 65.25% | (62.10-68.26) |
| Wyoming | 67.01% | (64.42-69.49) | 61.32% | (57.49-65.02) | 61.30% | (57.60-64.88) | 68.66% | (65.54-71.62) |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C16 Alcohol Dependence or Abuse in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 6.50% | (6.30-6.71) | 2.76% | (2.55-2.99) | 12.64% | (12.17-13.13) | 5.91% | (5.67-6.16) |
| Northeast | 6.64% | (6.23-7.08) | 2.88% | (2.51-3.29) | 13.12% | (12.26-14.03) | 5.99% | (5.50-6.52) |
| Midwest | 6.59% | (6.25-6.94) | 2.70% | (2.41-3.04) | 13.56% | (12.86-14.29) | 5.88% | (5.48-6.30) |
| South | 6.20% | (5.89-6.52) | 2.65% | (2.40-2.93) | 11.63% | (11.06-12.24) | 5.71% | (5.34-6.11) |
| West | 6.80% | (6.39-7.23) | 2.91% | (2.52-3.36) | 13.01% | (12.19-13.92) | 6.18% | (5.69-6.71) |
| | | | | | | | | |
| South Dakota | 7.65% | (6.53-8.94) | 3.01% | (2.13-4.23) | 15.46% | (13.07-18.21) | 6.85% | (5.57-8.39) |
| | | | | | | | | |
| Iowa | 6.22% | (5.25-7.35) | 2.62% | (1.83-3.75) | 13.81% | (11.52-16.46) | 5.31% | (4.24-6.63) |
| Minnesota | 6.31% | (5.31-7.50) | 2.38% | (1.67-3.37) | 13.54% | (11.34-16.09) | 5.62% | (4.47-7.03) |
| Nebraska | 7.52% | (6.42-8.80) | 2.79% | (1.98-3.92) | 15.82% | (13.39-18.59) | 6.64% | (5.38-8.17) |
| North Dakota | 7.76% | (6.71-8.96) | 3.54% | (2.48-5.03) | 14.69% | (12.43-17.29) | 6.69% | (5.51-8.11) |
| Wyoming | 7.54% | (6.40-8.87) | 3.51% | (2.51-4.86) | 14.34% | (12.01-17.02) | 6.85% | (5.54-8.44) |

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

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C17 Alcohol Dependence in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 3.04% | (2.91-3.19) | 1.01% | (0.88-1.15) | 5.61% | (5.31-5.93) | 2.86% | (2.69-3.03) |
| Northeast | 3.01% | (2.76-3.28) | 1.02% | (0.84-1.22) | 5.43% | (4.88-6.03) | 2.83% | (2.54-3.16) |
| Midwest | 3.06% | (2.85-3.28) | 1.03% | (0.87-1.21) | 5.83% | (5.39-6.32) | 2.84% | (2.60-3.11) |
| South | 2.92% | (2.72-3.13) | 0.96% | (0.81-1.14) | 5.16% | (4.76-5.59) | 2.78% | (2.55-3.04) |
| West | 3.25% | (2.99-3.54) | 1.05% | (0.86-1.30) | 6.24% | (5.64-6.89) | 3.00% | (2.69-3.35) |
| South Dakota | 3.42% | (2.75-4.26) | 1.13% | (0.75-1.69) | 6.91% | (5.38-8.84) | 3.10% | (2.35-4.08) |
| Iowa | 2.86% | (2.26-3.62) | 1.08% | (0.72-1.60) | 5.49% | (4.16-7.20) | 2.61% | (1.95-3.50) |
| Minnesota | 2.68% | (2.10-3.42) | 0.90% | (0.60-1.37) | 5.11% | (3.87-6.72) | 2.50% | (1.85-3.37) |
| Nebraska | 3.45% | (2.76-4.29) | 1.03% | (0.70-1.51) | 6.92% | (5.37-8.87) | 3.14% | (2.37-4.14) |
| North Dakota | 3.56% | (2.89-4.38) | 1.35% | (0.90-2.02) | 6.86% | (5.34-8.77) | 3.08% | (2.34-4.03) |
| Wyoming | 3.60% | (2.88-4.50) | 1.31% | (0.90-1.92) | 7.02% | (5.28-9.28) | 3.29% | (2.50-4.32) |

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

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C18 Illicit Drug Dependence or Abuse in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 2.64% | (2.52-2.76) | 3.50% | (3.27-3.75) | 7.00% | 6.65-7.36 | 1.79% | (1.66-1.94) |
| Northeast | 2.80% | (2.56-3.05) | 3.26% | (2.88-3.68) | 7.58% | (6.95-8.26) | 1.95% | (1.70-2.25) |
| Midwest | 2.55% | (2.36-2.74) | 3.23% | (2.92-3.58) | 6.91% | (6.42-7.44) | 1.72% | (1.52-1.94) |
| South | 2.53% | (2.37-2.70) | 3.43% | (3.12-3.77) | 6.55% | (6.12-7.01) | 1.74% | (1.56-1.94) |
| West | 2.78% | (2.55-3.03) | 4.04% | (3.56-5.48) | 7.32% | (6.67-8.01) | 1.82% | (1.58-2.10) |
| | | | | | | | | |
| South Dakota | 2.20% | (1.71-2.82) | 2.89% | (2.12-3.93) | 6.21% | (4.74-8.10) | 1.40% | (0.96-2.05) |
| | | | | | | | | |
| Iowa | 2.17% | (1.71-2.76) | 2.94% | (2.14-4.04) | 6.24% | (4.85-8.00) | 1.36% | (0.93-1.98) |
| Minnesota | 2.37% | (1.86-3.01) | 2.93% | (2.15-3.99) | 6.60% | (5.17-8.39) | 1.61% | (1.11-2.32) |
| Nebraska | 2.45% | (1.94-3.07) | 3.63% | (2.74-4.80) | 6.61% | (5.16-8.43) | 1.56% | (1.08-2.24) |
| North Dakota | 2.30% | (1.80-2.95) | 2.84% | (2.04-3.95) | 5.90% | (4.52-7.66) | 1.44% | (0.99-2.10) |
| Wyoming | 2.21% | (1.74-2.81) | 3.83% | (2.87-5.09) | 5.76% | (4.38-7.54) | 1.41% | (0.97-2.05) |

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

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

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C19 Illicit Drug Dependence in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 1.88% | (1.78-1.99) | 1.88% | (1.71-2.06) | 4.98% | (4.68-5.29) | 1.35% | (1.23-1.48) |
| Northeast | 2.09% | (1.89-2.31) | 1.76% | (1.50-2.05) | 5.56% | (4.99-6.18) | 1.55% | (1.34-1.81) |
| Midwest | 1.84% | (1.70-1.99) | 1.83% | (1.62-2.06) | 4.98% | (4.53-5.46) | 1.31% | (1.16-1.48) |
| South | 1.77% | (1.63-1.93) | 1.88% | (1.67-2.12) | 4.53% | (4.16-4.93) | 1.29% | (1.13-1.49) |
| West | 1.92% | (1.74-2.12) | 2.01% | (1.72-2.34) | 5.24% | (4.65-5.89) | 1.32% | (1.13-1.55) |
| | | | | | | | | |
| South Dakota | 1.50% | (1.16-1.94) | 1.80% | (1.29-2.51) | 4.04% | (2.86-5.67) | 1.01% | (0.70-1.46) |
| | | | | | | | | |
| Iowa | 1.55% | (1.20-2.00) | 1.70% | (1.20-2.41) | 4.20% | (2.98-5.88) | 1.07% | (0.74-1.53) |
| Minnesota | 1.68% | (1.30-2.17) | 1.54% | (1.09-2.18) | 4.26% | (3.09-5.85) | 1.28% | (0.90-1.82) |
| Nebraska | 1.73% | (1.35-2.21) | 1.93% | (1.38-2.70) | 5.05% | (3.66-6.93) | 1.11% | (0.77-1.61) |
| North Dakota | 1.75% | (1.37-2.23) | 1.80% | (1.30-2.50) | 4.33% | (3.17-5.88) | 1.32% | (0.95-1.83) |
| Wyoming | 1.61% | (1.23-2.09) | 1.78% | (1.25-2.54) | 4.17% | (2.99-5.80) | 1.14% | (0.79-1.65) |

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

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

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 8.16% | (7.94-8.39) | 5.13% | (4.84-5.43) | 16.80% | (16.26) | 7.05% | (6.79-7.32) |
| Northeast | 8.36% | (7.92-8.81) | 4.95% | (4.50-5.45) | 17.68% | (16.74-18.66) | 7.20% | (6.68-7.74) |
| Midwest | 8.23% | (7.88-8.59) | 4.93% | (4.53-5.37) | 17.60% | (16.78-18.44) | 7.04% | (6.63-7.47) |
| South | 7.81% | (7.47-8.15) | 5.08% | (4.69-5.49) | 15.52% | (14.84-16.23) | 6.83% | (6.44-7.25) |
| West | 8.51% | (8.07-8.97) | 5.51% | (4.98-6.10) | 17.40% | (16.44-18.41) | 7.31% | (6.78-7.87) |
| | | | | | | | | |
| South Dakota | 8.82% | (7.67-10.13) | 4.99% | (3.86-6.42) | 19.22% | (16.63-22.11) | 7.47% | (6.16-9.05) |
| | | | | | | | | |
| Iowa | 7.76% | (6.66-9.02) | 4.50% | (3.40-5.93) | 17.37% | (14.85-20.21) | 6.45% | (5.24-7.92) |
| Minnesota | 7.96% | (6.85-9.23) | 4.17% | (3.13-5.53) | 17.83% | (15.27-20.71) | 6.82% | (5.58-8.30) |
| Nebraska | 9.17% | (7.96-10.53) | 5.51% | (4.32-7.01) | 19.27% | (16.67-22.17) | 7.83% | (6.47-9.44) |
| North Dakota | 8.78% | (7.66-10.04) | 5.20% | (3.99-6.76) | 17.34% | (14.90-20.09) | 7.27% | (6.04-8.73) |
| Wyoming | 8.83% | (7.64-10.17) | 5.79% | (4.49-7.44) | 16.30% | (13.85-19.09) | 7.90% | (6.56-9.49) |

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

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

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 2.35% | (2.24-2.47) | 3.29% | (3.06-3.53) | 6.40% | (6.07-6.75) | 1.55% | (1.42-1.68) |
| Northeast | 2.44% | (2.22-2.67) | 3.03% | (2.69-3.42) | 6.64% | (6.06-7.27) | 1.67% | (1.44-1.95) |
| Midwest | 2.25% | (2.08-2.44) | 3.04% | (2.74-3.37) | 6.32% | (5.83-6.84) | 1.46% | (1.28-1.68) |
| South | 2.28% | (2.11-2.45) | 3.26% | (2.97-3.58) | 6.13% | (5.70-6.60) | 1.50% | (1.32-1.71) |
| West | 2.50% | (2.28-2.74) | 3.74% | (3.29-4.26) | 6.70% | (6.09-7.37) | 1.59% | (1.36-1.73) |
| | | | | | | | | |
| South Dakota | 1.91% | (1.50-2.43) | 2.44% | (1.77-3.35) | 5.70% | (4.38-7.40) | 1.18% | (0.80-1.73) |
| | | | | | | | | |
| Iowa | 2.02% | (1.59-2.55) | 2.71% | (1.98-3.71) | 5.84% | (4.56-7.44) | 1.26% | (0.86-1.84) |
| Minnesota | 2.15% | (1.69-2.74) | 2.55% | (1.86-3.50) | 6.03% | (4.68-7.74) | 1.48% | (1.02-2.12) |
| Nebraska | 2.16% | (1.71-2.71) | 3.35% | (2.50-4.46) | 5.93% | (4.65-7.52) | 1.33% | (0.92-1.94) |
| North Dakota | 2.04% | (1.61-2.58) | 2.32% | (1.65-3.26) | 5.34% | (4.14-6.86) | 1.27% | (0.87-1.85) |
| Wyoming | 1.94% | (1.53-2.47) | 3.08% | (2.26-4.17) | 5.39% | (4.08-1.22) | 1.22% | (0.84-1.76) |

NOTE: Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs, but not receiving treatment for an illicit drug problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers). Illicit Drugs include marijuana/hashish, cocaine (including crack), inhalants, hallucinogens, heroin, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Table C22 Needing But Not Receiving Treatment for Alcohol Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2013 and 2014 NSDUHs

| State | 12 or Older Estimate | 12 or Older 95% CI | 12-17 Estimate | 12-17 95% CI | 18-25 Estimate | 18-25 95% CI | 26 or Older Estimate | 26 or Older 95% CI |
|---------------------|-------------------------|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|
| Total U.S. | 6.20% | (6.00-6.40) | 2.62% | (2.42-2.84) | 12.22% | (11.75-12.70) | 5.61% | (5.37-5.85) |
| Northeast | 6.24% | (5.86-6.64) | 2.73% | (2.39-3.12) | 12.45% | (11.64-13.32) | 5.60% | (5.16-6.08) |
| Midwest | 6.32% | (6.01-6.64) | 2.53% | (2.24-2.84) | 12.92% | (12.21-13.67) | 5.66% | (5.29-6.06) |
| South | 5.98% | (5.69-6.28) | 2.52% | (2.27-2.79) | 11.46% | (10.86-12.09) | 5.48% | (5.12-5.85) |
| West | 6.41% | (6.04-6.80) | 2.80% | (2.44-3.21) | 12.58% | (11.76-13.44) | 5.77% | (5.32-6.25) |
| | | | | | | | | |
| South Dakota | 6.87% | (5.87-8.01) | 2.51% | (1.77-3.54) | 14.03% | (11.76-16.64) | 6.15% | (5.02-7.52) |
| | | | | | | | | |
| Iowa | 5.97% | (5.04-7.06) | 2.46% | (1.71-3.52) | 13.14% | (10.94-15.71) | 5.13% | (4.09-6.42) |
| Minnesota | 6.05% | (5.09-7.18) | 2.28% | (1.61-3.22) | 12.98% | (10.80-15.52) | 5.38% | (4.29-6.73) |
| Nebraska | 7.19% | (6.15-8.39) | 2.51% | (1.80-3.49) | 14.70% | (12.40-17.35) | 6.44% | (5.24-7.91) |
| North Dakota | 7.40% | (6.40-8.54) | 3.07% | (2.16-4.36) | 15.08% | (12.63-17.92) | 6.17% | (5.07-7.49) |
| Wyoming | 7.21% | (6.15-8.34) | 3.06% | (2.15-4.32) | 14.03% | (11.73-16.71) | 6.52% | (5.32-7.98) |

NOTE: 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).

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: The column labeled "Order" can be used to sort the data to the original sort order.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

Appendix D

Source Data:

National Survey on Drug Use and Health (NSDUH), Substance Abuse and Mental Health Services Administration (SAMHSA), U.S. Department of Health and Human Services (DHHS)

| | |
|------------|---|
| Table D1: | Any Illicit Drug Use in Past Month, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D2: | Marijuana Use in Past Year, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D3: | Marijuana Use in Past Month, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D4: | Perceptions of Great Risk of Smoking Marijuana Once a Month, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D5: | First Use of Marijuana, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D6: | Any Illicit Drug Other Than Marijuana in Past Month, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D7: | Cocaine Use in Past Year, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D8: | Nonmedical Use of Pain Relievers in Past Year, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D9: | Alcohol Use in Past Month, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D10: | Binge Alcohol Use in Past Month, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D11: | Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D12: | Alcohol Use and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by State: 2002-2003 and 2013-2014 NSDUHs |
| Table D13: | Tobacco Product Use in Past Month, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |
| Table D14: | Cigarette Use in Past Month, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs |

- Table D15: Perceptions of Great Risk of Smoking One or More Packs of Cigarettes per Day, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs
- Table D16: Alcohol Dependence or Abuse in Past Year, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs
- Table D17: Alcohol Dependence in Past Year, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs
- Table D18: Illicit Drug Dependence or Abuse in Past Year, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs
- Table D19: Illicit Drug Dependence in Past Year, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs
- Table D20: Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs
- Table D21: Needing But Not Receiving Treatment for Illicit Drug Use in Past Year, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs
- Table D22: Needing But Not Receiving Treatment for Alcohol Use in Past Year, by Age Group and State: 2002-2003 and 2013-2014 NSDUHs

Table D1 – Illicit Drug Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 8.25 ^a | 9.77 | 0 | 11.44 ^a | 9.11 | 0 | 20.24 ^a | 21.75 | 0 | 5.72 ^a | 7.81 | 0 |
| Northeast | 8.45 ^a | 10.31 | 0 | 11.87 ^a | 9.24 | 0 | 23.71 | 23.65 | 0.939 | 5.58 ^a | 8.23 | 0 |
| Midwest | 7.96 ^a | 9.14 | 0 | 11.11 ^a | 8.4 | 0 | 19.93 ^a | 21.47 | 0.012 | 5.38 ^a | 7.13 | 0 |
| South | 7.64 ^a | 8.58 | 0 | 11.03 ^a | 8.53 | 0 | 18.82 | 19.62 | 0.146 | 5.23 ^a | 6.71 | 0 |
| West | 9.32 ^a | 11.84 | 0 | 12.04 ^a | 10.59 | 0.018 | 20.06 ^a | 23.9 | 0 | 6.96 ^a | 9.86 | 0 |
| | | | | | | | | | | | | |
| South Dakota | 7.15 ^b | 5.82 | 0.056 | 13.26 ^a | 6.37 | 0 | 17.92 ^a | 14.14 | 0.045 | 4.13 | 4.28 | 0.852 |
| | | | | | | | | | | | | |
| Iowa | 6.47 | 6.27 | 0.783 | 9.22 ^a | 6.31 | 0.023 | 15.8 | 15.84 | 0.985 | 4.33 | 4.57 | 0.768 |
| Minnesota | 7.59 | 8.91 | 0.106 | 11.59 ^a | 7.72 | 0.004 | 19.28 | 22.14 | 0.174 | 4.91 ^a | 6.91 | 0.043 |
| Nebraska | 7.67 | 6.87 | 0.267 | 12.71 ^a | 7.14 | 0 | 18.91 | 17.72 | 0.551 | 4.78 | 4.91 | 0.876 |
| North Dakota | 7.22 | 7.26 | 0.963 | 11.64 ^a | 6.64 | 0 | 18.02 | 16.18 | 0.331 | 4.35 | 5.34 | 0.272 |
| Wyoming | 7.51 | 7.02 | 0.52 | 10.05 ^a | 7.51 | 0.049 | 18.36 | 17.23 | 0.577 | 5.07 | 5.21 | 0.882 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D2 – Marijuana Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 10.78 ^a | 12.9 | 0 | 15.38 ^a | 13.28 | 0 | 29.13 ^a | 31.78 | 0 | 6.95 ^a | 9.63 | 0 |
| Northeast | 11.69 ^a | 13.88 | 0 | 16.39 ^a | 13.98 | 0 | 33.77 | 34.66 | 0.345 | 7.58 ^a | 10.43 | 0 |
| Midwest | 10.80 ^a | 12.4 | 0 | 15.46 ^a | 12.45 | 0 | 29.83 ^a | 32.13 | 0.004 | 6.75 ^a | 9.03 | 0 |
| South | 9.62 ^a | 11.24 | 0 | 14.64 ^a | 12.02 | 0 | 25.90 ^a | 28.93 | 0 | 6.09 ^a | 8.14 | 0 |
| West | 11.84 ^a | 15.27 | 0 | 15.63 | 15.53 | 0.879 | 29.86 ^a | 33.72 | 0 | 7.99 ^a | 11.97 | 0 |
| | | | | | | | | | | | | |
| South Dakota | 9.83 | 8.97 | 0.315 | 17.65 ^a | 9.95 | 0 | 28.35 ^b | 24.21 | 0.089 | 5.02 | 6.17 | 0.224 |
| | | | | | | | | | | | | |
| Iowa | 9.32 | 9.74 | 0.626 | 13.39 ^a | 10.06 | 0.03 | 25.88 | 29.18 | 0.177 | 5.63 | 6.25 | 0.517 |
| Minnesota | 11.4 | 12.22 | 0.412 | 17.30 ^a | 11.64 | 0.001 | 30.34 | 32.91 | 0.308 | 7.13 | 8.93 | 0.113 |
| Nebraska | 10.39 | 10.35 | 0.957 | 16.42 ^a | 11.4 | 0.002 | 27.17 | 29.18 | 0.417 | 6.29 | 6.86 | 0.576 |
| North Dakota | 9.81 | 10.25 | 0.604 | 16.18 ^a | 10.25 | 0 | 28.8 | 26.76 | 0.399 | 4.95 ^b | 6.55 | 0.083 |
| Wyoming | 10.45 | 10.72 | 0.789 | 14.46 | 12.03 | 0.146 | 28.79 | 27.5 | 0.615 | 6.38 | 7.67 | 0.251 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D3 – Marijuana Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 6.18 ^a | 7.96 | 0 | 8.03 ^a | 7.22 | 0.001 | 17.17 ^a | 19.32 | 0 | 4.01 ^a | 6.11 | 0 |
| Northeast | 6.78 ^a | 8.58 | 0 | 8.84 ^a | 7.68 | 0.009 | 21 | 21.19 | 0.796 | 4.26 ^a | 6.6 | 0 |
| Midwest | 6.14 ^a | 7.5 | 0 | 8.17 ^a | 6.64 | 0 | 17.21 ^a | 19.23 | 0 | 3.88 ^a | 5.61 | 0 |
| South | 5.49 ^a | 6.74 | 0 | 7.40 ^a | 6.31 | 0.001 | 15.32 ^a | 17.2 | 0 | 3.51 ^a | 5.02 | 0 |
| West | 6.18 ^a | 7.96 | 0 | 8.03 ^a | 7.22 | 0.001 | 17.17 ^a | 19.32 | 0 | 4.01 ^a | 6.11 | 0 |
| | | | | | | | | | | | | |
| South Dakota | 5.24 | 4.81 | 0.483 | 9.57 ^a | 5.32 | 0.001 | 14.66 | 13.02 | 0.36 | 2.74 | 3.3 | 0.409 |
| | | | | | | | | | | | | |
| Iowa | 4.9 | 5.02 | 0.846 | 7.10 ^b | 5.17 | 0.065 | 13.14 | 14.01 | 0.627 | 3.04 | 3.4 | 0.587 |
| Minnesota | 6.37 | 7.28 | 0.21 | 8.92 ^b | 6.75 | 0.076 | 17.49 | 19.74 | 0.257 | 4 | 5.32 | 0.11 |
| Nebraska | 5.97 | 5.79 | 0.775 | 9.13 ^a | 5.54 | 0.003 | 15.61 | 16.19 | 0.753 | 3.66 | 3.97 | 0.678 |
| North Dakota | 5.35 | 5.77 | 0.504 | 7.58 ^b | 5.6 | 0.083 | 15.35 | 14.05 | 0.488 | 2.94 | 3.95 | 0.185 |
| Wyoming | 5.45 | 6.32 | 0.204 | 7.14 | 6.19 | 0.402 | 15.59 | 16 | 0.831 | 3.27 ^b | 4.67 | 0.087 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D4 – Perceptions of Great Risk of Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 39.05 ^a | 27.35 | 0 | 33.66 ^a | 23.54 | 0 | 24.19 ^a | 14.22 | 0 | 42.38 ^a | 30.09 | 0 |
| Northeast | 36.36 ^a | 25.53 | 0 | 30.73 ^a | 22.31 | 0 | 20.56 ^a | 11.92 | 0 | 39.58 ^a | 28.18 | 0 |
| Midwest | 38.02 ^a | 25 | 0 | 33.94 ^a | 23.61 | 0 | 22.41 ^a | 12.29 | 0 | 41.39 ^a | 27.37 | 0 |
| South | 43.56 ^a | 31.08 | 0 | 35.89 ^a | 26.11 | 0 | 27.51 ^a | 17.11 | 0 | 47.40 ^a | 34.09 | 0 |
| West | 35.24 ^a | 24.97 | 0 | 32.25 ^a | 20.28 | 0 | 23.64 ^a | 13.18 | 0 | 37.80 ^a | 27.68 | 0 |
| | | | | | | | | | | | | |
| South Dakota | 37.53 ^a | 26.78 | 0 | 35.30 ^a | 25.39 | 0 | 21.83 ^a | 14.46 | 0 | 40.94 ^a | 29.15 | 0 |
| | | | | | | | | | | | | |
| Iowa | 44.24 ^a | 28.01 | 0 | 40.63 ^a | 26.2 | 0 | 26.80 ^a | 14.48 | 0 | 48.03 ^a | 30.66 | 0 |
| Minnesota | 31.11 ^a | 22.25 | 0 | 29.53 ^a | 22.51 | 0.001 | 18.15 ^a | 11.09 | 0 | 33.69 ^a | 24.06 | 0 |
| Nebraska | 41.65 ^a | 26.94 | 0 | 33.50 ^a | 24.6 | 0 | 27.59 ^a | 13.67 | 0 | 45.53 ^a | 29.63 | 0 |
| North Dakota | 38.86 ^a | 24.8 | 0 | 34.58 ^a | 27.53 | 0.006 | 24.34 ^a | 13.36 | 0 | 42.50 ^a | 27.08 | 0 |
| Wyoming | 38.88 ^a | 26.29 | 0 | 34.88 ^a | 25.84 | 0 | 21.04 ^a | 13.16 | 0 | 42.85 ^a | 28.63 | 0 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D5 – First Use of Marijuana, by Age Group and State: Average Annual Rates and P Values from Tests of Differences between Rates, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 1.81 ^a | 1.91 | 0.04 | 6.57 ^a | 5.6 | 0 | 6.82 ^a | 7.68 | 0.001 | 0.13 ^a | 0.24 | 0 |
| Northeast | 1.85 ^b | 2.01 | 0.056 | 7.10 ^a | 5.85 | 0 | 7.75 | 8.4 | 0.185 | 0.12 ^a | 0.26 | 0.001 |
| Midwest | 1.88 | 1.95 | 0.352 | 6.47 ^a | 5.31 | 0 | 7.35 ^a | 8.17 | 0.049 | 0.13 ^a | 0.23 | 0.007 |
| South | 1.7 | 1.69 | 0.842 | 6.50 ^a | 5.18 | 0 | 6.25 | 6.77 | 0.16 | 0.12 ^a | 0.2 | 0.027 |
| West | 1.89 ^a | 2.2 | 0.001 | 6.38 | 6.37 | 0.987 | 6.58 ^a | 8.27 | 0.001 | 0.15 ^a | 0.29 | 0.007 |
| | | | | | | | | | | | | |
| South Dakota | 2.23 ^a | 1.48 | 0 | 8.39 ^a | 4.22 | 0 | 8.58 ^b | 6.41 | 0.072 | 0.10 ^b | 0.18 | 0.079 |
| | | | | | | | | | | | | |
| Iowa | 1.62 | 1.63 | 0.961 | 5.37 | 4.24 | 0.114 | 7.15 | 8.03 | 0.466 | 0.11 | 0.18 | 0.12 |
| Minnesota | 2.06 | 1.78 | 0.175 | 6.86 ^a | 4.68 | 0.005 | 7.15 | 7.47 | 0.793 | 0.15 ^b | 0.25 | 0.067 |
| Nebraska | 1.76 | 1.53 | 0.197 | 6.63 ^a | 4.24 | 0.001 | 5.99 | 6.41 | 0.696 | 0.11 ^b | 0.2 | 0.086 |
| North Dakota | 1.97 ^b | 1.61 | 0.079 | 6.96 ^a | 4.24 | 0.001 | 8.45 | 6.43 | 0.109 | 0.09 ^a | 0.21 | 0.026 |
| Wyoming | 1.92 | 1.74 | 0.363 | 6.44 | 5.28 | 0.138 | 7.06 | 6.97 | 0.933 | 0.12 ^a | 0.22 | 0.049 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: Average annual marijuana initiation rate = $100 \times \{[X1 \div (0.5 \times X1 + X2)] \div 2\}$, where X1 is the number of marijuana initiates in the past 24 months and X2 is the number of persons who never used marijuana. Both of the computation components, X1 and X2, 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.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D6 – Illicit Drug Use Other Than Marijuana in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 3.73 ^a | 3.3 | 0 | 5.70 ^a | 3.3 | 0 | 8.17 ^a | 6.58 | 0 | 2.68 | 2.73 | 0.702 |
| Northeast | 3.38 | 3.16 | 0.21 | 5.35 ^a | 2.88 | 0 | 8.51 ^a | 6.5 | 0 | 2.31 | 2.63 | 0.127 |
| Midwest | 3.48 ^a | 3.03 | 0.002 | 5.48 ^a | 2.99 | 0 | 7.81 ^a | 6.72 | 0.002 | 2.43 | 2.41 | 0.927 |
| South | 3.83 ^a | 3.17 | 0 | 5.85 ^a | 3.47 | 0 | 8.38 ^a | 6.38 | 0 | 2.76 | 2.58 | 0.323 |
| West | 4.11 | 3.84 | 0.236 | 5.97 ^a | 3.6 | 0 | 7.93 ^a | 6.81 | 0.016 | 3.14 | 3.35 | 0.436 |
| | | | | | | | | | | | | |
| South Dakota | 3.29 ^a | 2.18 | 0.002 | 6.38 ^a | 2.51 | 0 | 7.81 ^a | 4.95 | 0.01 | 1.95 | 1.65 | 0.457 |
| | | | | | | | | | | | | |
| Iowa | 3.17 | 2.69 | 0.189 | 4.37 ^a | 2.81 | 0.038 | 7.35 | 5.95 | 0.198 | 2.21 | 2.1 | 0.789 |
| Minnesota | 3.21 | 2.82 | 0.253 | 5.27 ^a | 2.78 | 0.001 | 7.23 | 6.54 | 0.512 | 2.19 | 2.22 | 0.938 |
| Nebraska | 3.44 ^a | 2.3 | 0.003 | 5.94 ^a | 2.53 | 0 | 8.20 ^a | 4.96 | 0.003 | 2.17 | 1.8 | 0.377 |
| North Dakota | 3.3 | 2.9 | 0.296 | 5.76 ^a | 2.79 | 0 | 6.93 | 5.56 | 0.149 | 2.19 | 2.32 | 0.78 |
| Wyoming | 3.67 ^a | 2.11 | 0 | 5.12 ^a | 2.44 | 0 | 8.14 ^a | 4.64 | 0.001 | 2.61 ^a | 1.64 | 0.04 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D7 – Cocaine Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 2.50 ^a | 1.66 | 0 | 1.90 ^a | 0.6 | 0 | 6.67 ^a | 4.51 | 0 | 1.85 ^a | 1.3 | 0 |
| Northeast | 2.52 ^a | 1.94 | 0 | 1.67 ^a | 0.6 | 0 | 7.17 ^a | 5.19 | 0 | 1.89 ^b | 1.55 | 0.068 |
| Midwest | 2.50 ^a | 1.37 | 0 | 1.93 ^a | 0.48 | 0 | 6.71 ^a | 3.81 | 0 | 1.83 ^a | 1.06 | 0 |
| South | 2.41 ^a | 1.45 | 0 | 1.96 ^a | 0.53 | 0 | 6.11 ^a | 3.77 | 0 | 1.83 ^a | 1.17 | 0 |
| West | 2.62 ^a | 2.03 | 0 | 1.96 ^a | 0.82 | 0 | 7.10 ^a | 5.78 | 0.004 | 1.89 ^a | 1.52 | 0.048 |
| | | | | | | | | | | | | |
| South Dakota | 1.89 ^a | 0.9 | 0 | 2.41 ^a | 0.39 | 0 | 5.49 ^a | 2.44 | 0 | 1.10 ^b | 0.7 | 0.096 |
| | | | | | | | | | | | | |
| Iowa | 2.23 ^a | 1.28 | 0.001 | 2.18 ^a | 0.5 | 0 | 6.43 ^a | 3.86 | 0.011 | 1.44 ^b | 0.91 | 0.065 |
| Minnesota | 2.51 ^a | 1.23 | 0 | 2.35 ^a | 0.46 | 0 | 7.47 ^a | 3.6 | 0 | 1.64 ^a | 0.94 | 0.032 |
| Nebraska | 2.12 ^a | 1.16 | 0.002 | 2.16 ^a | 0.45 | 0 | 5.72 ^a | 3.45 | 0.012 | 1.42 ^b | 0.84 | 0.054 |
| North Dakota | 1.94 ^a | 1.28 | 0.023 | 1.95 ^a | 0.47 | 0 | 5.94 ^a | 3.18 | 0.002 | 1.1 | 0.95 | 0.588 |
| Wyoming | 2.21 ^a | 1.21 | 0.001 | 1.80 ^a | 0.58 | 0.001 | 7.60 ^a | 3.88 | 0 | 1.25 | 0.82 | 0.114 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D8 – Nonmedical Use of Pain Relievers in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 4.79 ^a | 4.06 | 0 | 7.61 ^a | 4.67 | 0 | 11.70 ^a | 8.32 | 0 | 3.2 | 3.26 | 0.683 |
| Northeast | 4.05 ^a | 3.65 | 0.026 | 6.37 ^a | 4.03 | 0 | 11.22 ^a | 7.84 | 0 | 2.62 | 2.91 | 0.177 |
| Midwest | 4.58 ^a | 3.99 | 0 | 7.53 ^a | 4.48 | 0 | 11.68 ^a | 8.64 | 0 | 2.9 | 3.14 | 0.2 |
| South | 4.92 ^a | 4.09 | 0 | 7.88 ^a | 4.86 | 0 | 12.08 ^a | 8.44 | 0 | 3.27 | 3.26 | 0.961 |
| West | 5.42 ^a | 4.38 | 0 | 8.23 ^a | 4.97 | 0 | 11.51 ^a | 8.2 | 0 | 3.9 | 3.63 | 0.392 |
| | | | | | | | | | | | | |
| South Dakota | 3.68 | 3.52 | 0.705 | 7.63 ^a | 4.44 | 0.001 | 8.75 | 7.46 | 0.314 | 2.09 | 2.71 | 0.208 |
| | | | | | | | | | | | | |
| Iowa | 3.42 | 3.65 | 0.609 | 6.28 ^a | 4.31 | 0.028 | 8.78 | 7.37 | 0.263 | 2.02 ^b | 2.91 | 0.087 |
| Minnesota | 3.93 | 3.56 | 0.386 | 6.37 ^a | 3.96 | 0.004 | 8.79 | 8.38 | 0.751 | 2.7 | 2.73 | 0.952 |
| Nebraska | 3.82 | 3.63 | 0.649 | 7.31 ^a | 4.26 | 0.001 | 10.05 | 7.98 | 0.12 | 2.11 | 2.78 | 0.165 |
| North Dakota | 3.54 | 3.8 | 0.562 | 6.34 ^a | 4.38 | 0.03 | 7.76 | 7.34 | 0.725 | 2.27 | 2.95 | 0.196 |
| Wyoming | 4.98 ^a | 3.3 | 0 | 8.00 ^a | 4.19 | 0 | 12.68 ^a | 7.19 | 0 | 3.08 | 2.53 | 0.277 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D9 – Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 50.50 ^a | 52.42 | 0 | 17.67 ^a | 11.55 | 0 | 60.91 ^a | 59.6 | 0.018 | 53.22 ^a | 56.18 | 0 |
| Northeast | 55.33 ^a | 57.8 | 0.001 | 19.24 ^a | 13.19 | 0 | 66.19 ^a | 63.79 | 0.007 | 58.21 ^a | 61.82 | 0 |
| Midwest | 52.96 ^a | 55.14 | 0 | 18.98 ^a | 11.31 | 0 | 66.22 ^a | 63.11 | 0 | 55.35 ^a | 59.21 | 0 |
| South | 45.89 ^a | 48.74 | 0 | 16.75 ^a | 10.87 | 0 | 57.13 | 56.75 | 0.601 | 47.95 ^a | 52.06 | 0 |
| West | 51.24 | 51.67 | 0.555 | 16.58 ^a | 11.71 | 0 | 57.43 | 57.82 | 0.698 | 55.15 | 55.59 | 0.635 |
| | | | | | | | | | | | | |
| South Dakota | 55.18 | 55.21 | 0.986 | 22.07 ^a | 9.29 | 0 | 71.49 ^a | 64.39 | 0.004 | 56.98 | 59.3 | 0.346 |
| | | | | | | | | | | | | |
| Iowa | 55.37 | 56.15 | 0.696 | 20.18 ^a | 10.81 | 0 | 67.28 | 68.29 | 0.678 | 57.79 | 59.52 | 0.503 |
| Minnesota | 58.45 | 58.77 | 0.873 | 19.54 ^a | 10.67 | 0 | 70.68 ^a | 64.72 | 0.016 | 61.73 | 63.6 | 0.46 |
| Nebraska | 53.98 | 57.23 | 0.119 | 22.24 ^a | 10.53 | 0 | 68.38 | 64.7 | 0.135 | 55.77 ^a | 61.82 | 0.022 |
| North Dakota | 58.04 | 58.79 | 0.697 | 25.23 ^a | 10.92 | 0 | 73.06 | 70 | 0.218 | 59.42 | 61.67 | 0.36 |
| Wyoming | 52.14 | 55.45 | 0.12 | 18.30 ^a | 10.6 | 0 | 66.48 | 63.55 | 0.26 | 54.35 ^b | 59.37 | 0.065 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D10 – Binge Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 22.75 | 22.94 | 0.519 | 10.65 ^a | 6.16 | 0 | 41.25 ^a | 37.82 | 0 | 21.20 ^a | 22.44 | 0.001 |
| Northeast | 23.82 | 23.81 | 0.979 | 11.33 ^a | 6.99 | 0 | 44.69 ^a | 40.56 | 0 | 22.1 | 22.92 | 0.235 |
| Midwest | 25.18 | 25.26 | 0.864 | 12.11 ^a | 6.16 | 0 | 47.13 ^a | 42.38 | 0 | 23.09 ^a | 24.71 | 0.005 |
| South | 21.22 | 21.5 | 0.479 | 9.68 ^a | 5.7 | 0 | 38.12 ^a | 34.58 | 0 | 19.87 ^a | 21.23 | 0.005 |
| West | 21.81 | 22.44 | 0.242 | 10.19 ^a | 6.32 | 0 | 37.6 | 36.78 | 0.38 | 20.61 ^b | 21.93 | 0.058 |
| | | | | | | | | | | | | |
| South Dakota | 28.13 | 25.6 | 0.113 | 15.85 ^a | 6.42 | 0 | 54.15 ^a | 44.74 | 0 | 24.89 | 24.62 | 0.89 |
| | | | | | | | | | | | | |
| Iowa | 26.34 | 25.36 | 0.542 | 13.85 ^a | 6.4 | 0 | 48.87 | 47.04 | 0.506 | 23.72 | 23.83 | 0.958 |
| Minnesota | 28.07 ^a | 24.07 | 0.015 | 13.27 ^a | 5.14 | 0 | 49.84 ^a | 42.31 | 0.006 | 26.22 | 23.4 | 0.157 |
| Nebraska | 26.26 | 24.08 | 0.175 | 14.30 ^a | 6.32 | 0 | 49.83 ^a | 43.23 | 0.013 | 23.44 | 22.92 | 0.795 |
| North Dakota | 31.37 ^a | 28.06 | 0.043 | 16.58 ^a | 6.98 | 0 | 55.15 ^a | 48.99 | 0.023 | 28.43 | 25.76 | 0.199 |
| Wyoming | 24.93 | 25.09 | 0.92 | 12.94 ^a | 7.45 | 0 | 49.68 ^a | 43.3 | 0.026 | 21.98 | 24.05 | 0.284 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: 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.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D11 – Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 42.04 ^a | 40.79 | 0.001 | 38.36 ^b | 39.09 | 0.093 | 32.56 ^b | 33.36 | 0.072 | 44.20 ^a | 42.27 | 0 |
| Northeast | 39.65 | 39.27 | 0.565 | 36.76 ^b | 38.23 | 0.092 | 28.81 ^a | 31.07 | 0.007 | 41.75 | 40.75 | 0.233 |
| Midwest | 38.83 ^a | 36.93 | 0 | 37.3 | 36.88 | 0.543 | 28.48 | 29.28 | 0.23 | 40.89 ^a | 38.25 | 0 |
| South | 44.60 ^a | 42.89 | 0.001 | 40.12 | 40.88 | 0.267 | 35.85 | 36.48 | 0.32 | 46.74 ^a | 44.23 | 0 |
| West | 43.24 | 42.12 | 0.108 | 37.93 | 38.84 | 0.295 | 34.44 | 33.87 | 0.537 | 45.63 ^b | 44 | 0.069 |
| | | | | | | | | | | | | |
| South Dakota | 35.95 | 34.85 | 0.555 | 33.49 | 36.71 | 0.171 | 23.15 ^a | 28.45 | 0.016 | 38.83 | 35.75 | 0.202 |
| | | | | | | | | | | | | |
| Iowa | 34.19 | 35.65 | 0.41 | 31.78 | 35.83 | 0.103 | 25.92 | 27.6 | 0.453 | 36.09 | 37.06 | 0.669 |
| Minnesota | 36.35 | 34.96 | 0.452 | 36.49 | 36.7 | 0.93 | 24.65 | 25.04 | 0.851 | 38.45 | 36.36 | 0.376 |
| Nebraska | 37.99 | 38.42 | 0.817 | 35.97 | 37.7 | 0.481 | 25.27 | 28.9 | 0.112 | 40.73 | 40.2 | 0.823 |
| North Dakota | 33.65 | 34.23 | 0.744 | 32.51 | 35.04 | 0.29 | 23.09 | 24.69 | 0.447 | 36.02 | 36.27 | 0.915 |
| Wyoming | 37.38 | 38.18 | 0.67 | 35 | 35.27 | 0.911 | 22.86 ^a | 28.14 | 0.025 | 40.48 | 40.26 | 0.926 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D12 – Alcohol Use and Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | Alcohol Use in Past Month (2002-2003) | Alcohol Use in Past Month (2013-2014) | Alcohol Use in Past Month (P Value) | 12-17 Past Month (2002-2003) | 12-17 Past Month (2013-2014) | 12-17 Past Month (P Value) |
|---------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------|------------------------------|----------------------------|
| Total U.S. | 28.89 ^a | 22.76 | 0 | 19.22 ^a | 14 | 0 |
| Northeast | 31.50 ^a | 26.11 | 0 | 20.74 ^a | 15.74 | 0 |
| Midwest | 31.65 ^a | 23.73 | 0 | 21.99 ^a | 15.06 | 0 |
| South | 27.17 ^a | 20.68 | 0 | 17.54 ^a | 12.52 | 0 |
| West | 26.82 ^a | 22.73 | 0 | 17.91 ^a | 14.11 | 0 |
| | | | | | | |
| South Dakota | 37.21 ^a | 24.59 | 0 | 28.52 ^a | 17.81 | 0 |
| | | | | | | |
| Iowa | 34.35 ^a | 26.9 | 0 | 24.68 ^a | 18.13 | 0 |
| Minnesota | 33.36 ^a | 24.07 | 0 | 24.17 ^a | 14.53 | 0 |
| Nebraska | 34.98 ^a | 22.42 | 0 | 23.77 ^a | 15.42 | 0 |
| North Dakota | 41.54 ^a | 28.44 | 0 | 31.04 ^a | 19.68 | 0 |
| Wyoming | 33.64 ^a | 22.81 | 0 | 24.93 ^a | 16.01 | 0 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: 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 past 30 days.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D13 – Tobacco Product Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 30.09 ^a | 25.36 | 0 | 14.83 ^a | 7.42 | 0 | 45.02 ^a | 36.04 | 0 | 29.59 ^a | 25.72 | 0 |
| Northeast | 29.21 ^a | 23.76 | 0 | 14.42 ^a | 7.18 | 0 | 45.89 ^a | 34.61 | 0 | 28.45 ^a | 23.82 | 0 |
| Midwest | 32.85 ^a | 28.57 | 0 | 16.97 ^a | 8.58 | 0 | 49.35 ^a | 40.75 | 0 | 32.12 ^a | 28.97 | 0 |
| South | 31.66 ^a | 26.91 | 0 | 15.72 ^a | 7.57 | 0 | 45.84 ^a | 37.26 | 0 | 31.39 ^a | 27.54 | 0 |
| West | 25.56 ^a | 21.2 | 0 | 11.70 ^a | 6.31 | 0 | 38.83 ^a | 31.04 | 0 | 25.15 ^a | 21.33 | 0 |
| | | | | | | | | | | | | |
| South Dakota | 35.10 ^a | 28.24 | 0 | 22.82 ^a | 10.02 | 0 | 57.69 ^a | 41.42 | 0 | 32.53 ^b | 28.19 | 0.06 |
| | | | | | | | | | | | | |
| Iowa | 30.88 ^a | 27.52 | 0.049 | 16.34 ^a | 9.41 | 0 | 48.67 ^a | 40.75 | 0.003 | 29.44 | 27.38 | 0.341 |
| Minnesota | 31.44 ^a | 26.43 | 0.002 | 17.69 ^a | 7.53 | 0 | 51.31 ^a | 39.8 | 0 | 29.78 | 26.54 | 0.121 |
| Nebraska | 30.59 | 28 | 0.13 | 18.86 ^a | 9.04 | 0 | 48.81 ^a | 41.84 | 0.011 | 28.76 | 27.94 | 0.709 |
| North Dakota | 32.51 | 30.13 | 0.165 | 20.88 ^a | 10.38 | 0 | 49.74 ^b | 45.07 | 0.072 | 30.5 | 29.03 | 0.5 |
| Wyoming | 34 | 31.52 | 0.164 | 16.34 ^a | 10.87 | 0.001 | 55.18 ^a | 44.17 | 0 | 32.55 | 31.79 | 0.738 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D14 – Cigarette Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 25.71 ^a | 21.05 | 0 | 12.57 ^a | 5.24 | 0 | 40.50 ^a | 29.49 | 0 | 24.95 ^a | 21.53 | 0 |
| Northeast | 25.27 ^a | 19.69 | 0 | 12.72 ^a | 5.1 | 0 | 41.63 ^a | 28.36 | 0 | 24.27 ^a | 19.89 | 0 |
| Midwest | 28.10 ^a | 23.84 | 0 | 14.63 ^a | 6.16 | 0 | 44.57 ^a | 32.84 | 0 | 27.04 ^a | 24.5 | 0 |
| South | 26.76 ^a | 22.37 | 0 | 13.21 ^a | 5.22 | 0 | 40.76 ^a | 30.24 | 0 | 26.19 ^a | 23.15 | 0 |
| West | 22.03 ^a | 17.43 | 0 | 9.47 ^a | 4.56 | 0 | 35.22 ^a | 26.21 | 0 | 21.45 ^a | 17.5 | 0 |
| | | | | | | | | | | | | |
| South Dakota | 30.31 ^a | 22.92 | 0 | 19.79 ^a | 7.3 | 0 | 51.76 ^a | 32.45 | 0 | 27.70 ^a | 23.19 | 0.039 |
| | | | | | | | | | | | | |
| Iowa | 26.45 ^a | 22.75 | 0.022 | 14.27 ^a | 6.48 | 0 | 41.91 ^a | 32.87 | 0 | 25.14 | 22.95 | 0.286 |
| Minnesota | 26.87 ^a | 20.72 | 0 | 15.67 ^a | 5.5 | 0 | 48.22 ^a | 31.14 | 0 | 24.59 ^b | 20.87 | 0.058 |
| Nebraska | 25.93 ^b | 22.84 | 0.06 | 16.36 ^a | 6.3 | 0 | 43.92 ^a | 30.79 | 0 | 23.84 | 23.53 | 0.88 |
| North Dakota | 27.53 ^b | 24.5 | 0.058 | 17.53 ^a | 7.5 | 0 | 42.78 ^a | 34.35 | 0.001 | 25.71 | 24.23 | 0.471 |
| Wyoming | 26.81 | 24.58 | 0.184 | 12.78 ^a | 8.64 | 0.005 | 44.46 ^a | 33.54 | 0 | 25.5 | 24.94 | 0.789 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D15 – Perceptions of Great Risk of Smoking One or More Packs of Cigarettes per Day, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 71.27 | 71.06 | 0.508 | 63.67 ^a | 65.28 | 0 | 65.46 ^a | 66.43 | 0.028 | 73.33 ^b | 72.55 | 0.051 |
| Northeast | 72.37 | 73.25 | 0.133 | 64.05 ^a | 66.02 | 0.017 | 66.33 ^a | 68.15 | 0.031 | 74.39 | 74.9 | 0.475 |
| Midwest | 69.07 ^a | 67.7 | 0.006 | 63.13 | 64.16 | 0.148 | 62.39 | 62.77 | 0.602 | 71.10 ^a | 68.97 | 0.001 |
| South | 70.12 | 70.3 | 0.711 | 62.02 ^a | 65.63 | 0 | 64.11 ^a | 66.22 | 0.002 | 72.28 | 71.57 | 0.239 |
| West | 74.38 | 73.65 | 0.234 | 66.41 | 65.22 | 0.188 | 69.92 | 68.74 | 0.167 | 76.35 | 75.58 | 0.313 |
| | | | | | | | | | | | | |
| South Dakota | 65.09 | 66.24 | 0.527 | 60.68 ^a | 66.46 | 0.028 | 56.27 ^a | 62.89 | 0.014 | 67.49 | 66.8 | 0.761 |
| | | | | | | | | | | | | |
| Iowa | 65.85 | 67.29 | 0.429 | 61.99 | 65.36 | 0.211 | 60.18 | 62.77 | 0.313 | 67.44 | 68.33 | 0.696 |
| Minnesota | 69.68 | 69.36 | 0.845 | 63.18 | 63.59 | 0.871 | 60.26 | 64.41 | 0.107 | 72.32 | 70.85 | 0.486 |
| Nebraska | 69.62 ^a | 65.42 | 0.02 | 63.18 | 65.04 | 0.475 | 63.58 | 61.21 | 0.345 | 71.72 ^a | 66.22 | 0.017 |
| North Dakota | 66.97 | 64.31 | 0.138 | 61.29 | 62.12 | 0.745 | 62.84 | 61.18 | 0.502 | 68.62 | 65.25 | 0.141 |
| Wyoming | 68.09 | 67.01 | 0.546 | 64.05 | 61.32 | 0.278 | 61.46 | 61.3 | 0.952 | 69.95 | 68.66 | 0.572 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D16 – Alcohol Dependence or Abuse in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 7.59 ^a | 6.5 | 0 | 5.88 ^a | 2.76 | 0 | 17.43 ^a | 12.64 | 0 | 6.12 | 5.91 | 0.27 |
| Northeast | 7.24 ^a | 6.64 | 0.049 | 5.73 ^a | 2.88 | 0 | 17.46 ^a | 13.12 | 0 | 5.81 | 5.99 | 0.624 |
| Midwest | 8.48 ^a | 6.59 | 0 | 6.49 ^a | 2.7 | 0 | 19.88 ^a | 13.56 | 0 | 6.72 ^a | 5.88 | 0.008 |
| South | 7.11 ^a | 6.2 | 0 | 5.45 ^a | 2.65 | 0 | 16.39 ^a | 11.63 | 0 | 5.73 | 5.71 | 0.946 |
| West | 7.76 ^a | 6.8 | 0.002 | 6.04 ^a | 2.91 | 0 | 16.58 ^a | 13.03 | 0 | 6.4 | 6.18 | 0.564 |
| | | | | | | | | | | | | |
| South Dakota | 10.79 ^a | 7.65 | 0.001 | 9.77 ^a | 3.01 | 0 | 26.15 ^a | 15.46 | 0 | 7.93 | 6.85 | 0.325 |
| | | | | | | | | | | | | |
| Iowa | 8.25 ^a | 6.22 | 0.01 | 7.56 ^a | 2.62 | 0 | 19.67 ^a | 13.81 | 0.002 | 6.18 | 5.31 | 0.345 |
| Minnesota | 9.01 ^a | 6.31 | 0.001 | 7.24 ^a | 2.38 | 0 | 20.99 ^a | 13.54 | 0 | 7.08 | 5.62 | 0.14 |
| Nebraska | 10.18 ^a | 7.52 | 0.003 | 8.94 ^a | 2.79 | 0 | 25.16 ^a | 15.82 | 0 | 7.47 | 6.64 | 0.443 |
| North Dakota | 10.83 ^a | 7.76 | 0.001 | 10.33 ^a | 3.54 | 0 | 27.11 ^a | 14.69 | 0 | 7.49 | 6.69 | 0.465 |
| Wyoming | 9.23 ^a | 7.54 | 0.047 | 7.54 ^a | 3.51 | 0 | 23.24 ^a | 14.34 | 0 | 6.81 | 6.85 | 0.969 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D17 – Alcohol Dependence in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 3.34 ^a | 3.04 | 0.006 | 2.09 ^a | 1.01 | 0 | 6.87 ^a | 5.61 | 0 | 2.9 | 2.86 | 0.756 |
| Northeast | 3.35 ^b | 3.01 | 0.072 | 2.13 ^a | 1.02 | 0 | 6.80 ^a | 5.43 | 0.001 | 2.95 | 2.83 | 0.611 |
| Midwest | 3.51 ^a | 3.06 | 0.003 | 2.19 ^a | 1.03 | 0 | 7.70 ^a | 5.83 | 0 | 2.94 | 2.84 | 0.594 |
| South | 3.14 | 2.92 | 0.145 | 1.94 ^a | 0.96 | 0 | 6.42 ^a | 5.16 | 0 | 2.73 | 2.78 | 0.78 |
| West | 3.48 | 3.25 | 0.267 | 2.19 ^a | 1.05 | 0 | 6.77 | 6.24 | 0.211 | 3.06 | 3 | 0.803 |
| | | | | | | | | | | | | |
| South Dakota | 4.50 ^b | 3.42 | 0.056 | 3.86 ^a | 1.13 | 0 | 8.72 | 6.91 | 0.169 | 3.77 | 3.1 | 0.323 |
| | | | | | | | | | | | | |
| Iowa | 3.15 | 2.86 | 0.48 | 2.71 ^a | 1.08 | 0.001 | 6.94 | 5.49 | 0.171 | 2.49 | 2.61 | 0.809 |
| Minnesota | 3.56 ^a | 2.68 | 0.047 | 2.57 ^a | 0.9 | 0 | 7.62 ^a | 5.11 | 0.022 | 2.97 | 2.5 | 0.384 |
| Nebraska | 3.85 | 3.45 | 0.4 | 2.85 ^a | 1.03 | 0 | 7.99 | 6.92 | 0.38 | 3.2 | 3.14 | 0.917 |
| North Dakota | 3.75 | 3.56 | 0.701 | 3.25 ^a | 1.35 | 0.001 | 8.42 | 6.86 | 0.215 | 2.84 | 3.08 | 0.687 |
| Wyoming | 3.57 | 3.6 | 0.94 | 2.40 ^a | 1.31 | 0.028 | 8.17 | 7.02 | 0.411 | 2.87 | 3.29 | 0.472 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D18 – Illicit Drug Dependence or Abuse in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 2.95 ^a | 2.64 | 0.001 | 5.35 ^a | 3.5 | 0 | 8.02 ^a | 7 | 0 | 1.74 | 1.79 | 0.594 |
| Northeast | 2.97 | 2.8 | 0.231 | 5.45 ^a | 3.26 | 0 | 8.99 ^a | 7.58 | 0.002 | 1.7 | 1.95 | 0.133 |
| Midwest | 2.84 ^a | 2.55 | 0.014 | 5.47 ^a | 3.23 | 0 | 7.69 ^a | 6.91 | 0.024 | 1.6 | 1.72 | 0.4 |
| South | 2.92 ^a | 2.53 | 0.001 | 5.22 ^a | 3.43 | 0 | 7.53 ^a | 6.55 | 0.003 | 1.8 | 1.74 | 0.625 |
| West | 3.09 ^b | 2.78 | 0.057 | 5.36 ^a | 4.04 | 0 | 8.36 ^a | 7.32 | 0.033 | 1.79 | 1.82 | 0.887 |
| | | | | | | | | | | | | |
| South Dakota | 2.67 ^b | 2.20 | 0.092 | 5.83 ^a | 2.89 | 0.000 | 7.10 | 6.21 | 0.404 | 1.32 | 1.40 | 0.793 |
| | | | | | | | | | | | | |
| Iowa | 2.52 | 2.17 | 0.238 | 4.81 ^a | 2.94 | 0.011 | 6.61 | 6.24 | 0.735 | 1.44 | 1.36 | 0.805 |
| Minnesota | 2.75 | 2.37 | 0.201 | 5.73 ^a | 2.93 | 0 | 7.45 | 6.6 | 0.451 | 1.48 | 1.61 | 0.696 |
| Nebraska | 2.84 | 2.45 | 0.164 | 5.92 ^a | 3.63 | 0.004 | 7.04 | 6.61 | 0.688 | 1.59 | 1.56 | 0.915 |
| North Dakota | 2.79 | 2.3 | 0.119 | 5.89 ^a | 2.84 | 0 | 7.33 | 5.9 | 0.198 | 1.41 | 1.44 | 0.909 |
| Wyoming | 2.64 | 2.21 | 0.134 | 4.53 | 3.83 | 0.366 | 8.18 ^a | 5.76 | 0.026 | 1.32 | 1.41 | 0.769 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

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

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D19 – Illicit Drug Dependence in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 1.91 | 1.88 | 0.712 | 2.97 ^a | 1.88 | 0 | 5.36 ^b | 4.98 | 0.06 | 1.16 ^a | 1.35 | 0.026 |
| Northeast | 1.97 | 2.09 | 0.36 | 3.07 ^a | 1.76 | 0 | 6.12 | 5.56 | 0.16 | 1.17 ^a | 1.55 | 0.012 |
| Midwest | 1.86 | 1.84 | 0.877 | 3.07 ^a | 1.83 | 0 | 5.14 | 4.98 | 0.578 | 1.10 ^b | 1.31 | 0.072 |
| South | 1.89 | 1.77 | 0.24 | 2.93 ^a | 1.88 | 0 | 5.02 ^b | 4.53 | 0.071 | 1.2 | 1.29 | 0.493 |
| West | 1.93 | 1.92 | 0.971 | 2.84 ^a | 2.01 | 0 | 5.54 | 5.24 | 0.465 | 1.13 | 1.32 | 0.205 |
| | | | | | | | | | | | | |
| South Dakota | 1.66 | 1.50 | 0.471 | 3.01 ^a | 1.80 | 0.019 | 4.47 | 4.04 | 0.591 | 0.90 | 1.01 | 0.652 |
| | | | | | | | | | | | | |
| Iowa | 1.61 | 1.55 | 0.792 | 2.53 ^b | 1.7 | 0.085 | 4.51 | 4.2 | 0.711 | 0.94 | 1.07 | 0.621 |
| Minnesota | 1.76 | 1.68 | 0.737 | 3.42 ^a | 1.54 | 0 | 5.02 | 4.26 | 0.384 | 0.94 | 1.28 | 0.222 |
| Nebraska | 1.93 | 1.73 | 0.427 | 3.47 ^a | 1.93 | 0.006 | 4.68 | 5.05 | 0.695 | 1.17 | 1.11 | 0.842 |
| North Dakota | 1.69 | 1.64 | 0.831 | 3.17 ^a | 1.69 | 0.005 | 4.35 | 3.96 | 0.627 | 0.92 | 1.11 | 0.484 |
| Wyoming | 1.71 | 1.61 | 0.656 | 2.67 ^b | 1.78 | 0.071 | 5.18 | 4.17 | 0.26 | 0.92 | 1.14 | 0.395 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

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

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D20 – Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 9.22 ^a | 8.16 | 0 | 8.89 ^a | 5.13 | 0 | 21.37 ^a | 16.8 | 0 | 7.15 | 7.05 | 0.643 |
| Northeast | 8.88 | 8.36 | 0.108 | 8.91 ^a | 4.95 | 0 | 21.57 ^a | 17.68 | 0 | 6.86 | 7.2 | 0.401 |
| Midwest | 9.92 ^a | 8.23 | 0 | 9.46 ^a | 4.93 | 0 | 23.37 ^a | 17.6 | 0 | 7.58 ^b | 7.04 | 0.097 |
| South | 8.77 ^a | 7.81 | 0 | 8.44 ^a | 5.08 | 0 | 20.21 ^a | 15.52 | 0 | 6.82 | 6.83 | 0.97 |
| West | 9.52 ^a | 8.51 | 0.002 | 9.00 ^a | 5.51 | 0 | 21.01 ^a | 17.4 | 0 | 7.49 | 7.31 | 0.667 |
| | | | | | | | | | | | | |
| South Dakota | 11.70 ^a | 8.82 | 0.003 | 12.84 ^a | 4.99 | 0 | 28.81 ^a | 19.22 | 0 | 8.18 | 7.47 | 0.537 |
| | | | | | | | | | | | | |
| Iowa | 9.47 ^a | 7.76 | 0.035 | 9.51 ^a | 4.5 | 0 | 22.21 ^a | 17.37 | 0.014 | 7.04 | 6.45 | 0.541 |
| Minnesota | 10.57 ^a | 7.96 | 0.004 | 10.60 ^a | 4.17 | 0 | 24.61 ^a | 17.83 | 0.001 | 8.02 | 6.82 | 0.255 |
| Nebraska | 11.07 ^a | 9.17 | 0.041 | 11.75 ^a | 5.51 | 0 | 26.52 ^a | 19.27 | 0 | 7.98 | 7.83 | 0.891 |
| North Dakota | 11.60 ^a | 8.78 | 0.003 | 12.97 ^a | 5.2 | 0 | 27.99 ^a | 17.34 | 0 | 7.98 | 7.27 | 0.537 |
| Wyoming | 10.07 | 8.83 | 0.158 | 9.77 ^a | 5.79 | 0.001 | 25.38 ^a | 16.3 | 0 | 7.21 | 7.9 | 0.518 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

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

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D21 – Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 2.66 ^a | 2.35 | 0 | 5.00 ^a | 3.29 | 0 | 7.45 ^a | 6.4 | 0 | 1.5 | 1.55 | 0.64 |
| Northeast | 2.63 | 2.44 | 0.169 | 5.10 ^a | 3.03 | 0 | 8.33 ^a | 6.64 | 0 | 1.41 ^b | 1.67 | 0.095 |
| Midwest | 2.53 ^a | 2.25 | 0.013 | 5.09 ^a | 3.04 | 0 | 7.11 ^a | 6.32 | 0.018 | 1.35 | 1.46 | 0.376 |
| South | 2.61 ^a | 2.28 | 0.004 | 4.87 ^a | 3.26 | 0 | 6.96 ^a | 6.13 | 0.009 | 1.54 | 1.5 | 0.782 |
| West | 2.90 ^a | 2.5 | 0.009 | 5.01 ^a | 3.74 | 0 | 7.89 ^a | 6.7 | 0.013 | 1.67 | 1.59 | 0.662 |
| | | | | | | | | | | | | |
| South Dakota | 2.37 ^b | 1.91 | 0.085 | 5.08 ^a | 2.44 | 0 | 6.2 | 5.7 | 0.62 | 1.21 | 1.18 | 0.926 |
| | | | | | | | | | | | | |
| Iowa | 2.36 | 2.02 | 0.236 | 4.18 ^a | 2.71 | 0.032 | 6 | 5.84 | 0.873 | 1.43 | 1.26 | 0.611 |
| Minnesota | 2.57 | 2.15 | 0.141 | 5.46 ^a | 2.55 | 0 | 6.97 | 6.03 | 0.366 | 1.36 | 1.48 | 0.74 |
| Nebraska | 2.64 ^b | 2.16 | 0.087 | 5.36 ^a | 3.35 | 0.01 | 6.25 | 5.93 | 0.733 | 1.55 | 1.33 | 0.539 |
| North Dakota | 2.59 ^a | 2.04 | 0.05 | 5.37 ^a | 2.32 | 0 | 6.9 | 5.34 | 0.117 | 1.31 | 1.27 | 0.916 |
| Wyoming | 2.46 ^b | 1.94 | 0.056 | 4.23 | 3.08 | 0.103 | 7.82 ^a | 5.39 | 0.03 | 1.19 | 1.22 | 0.926 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs, but not receiving treatment for an illicit drug problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers). Illicit Drugs include marijuana/hashish, cocaine (including crack), inhalants, hallucinogens, heroin, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the Results from the 2008 National Survey on Drug Use and Health: National Findings.

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).

Table D22 – Needing But Not Receiving Treatment for Alcohol Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2013-2014 NSDUHs

| State | 12+ (2002- 2003) | 12+ (2013- 2014) | 12+ (P Value) | 12-17 (2002- 2003) | 12-17 (2013- 2014) | 12-17 (P Value) | 18-25 (2002- 2003) | 18-25 (2013- 2014) | 18-25 (P Value) | 26+ (2002- 2003) | 26+ (2013- 2014) | 26+ (P Value) |
|-------------------------|------------------------|------------------------|------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|--------------------|------------------------|------------------------|------------------|
| Total U.S. | 7.19 ^a | 6.2 | 0 | 5.59 ^a | 2.62 | 0 | 16.89 ^a | 12.22 | 0 | 5.73 | 5.61 | 0.523 |
| Northeast | 6.77 ^b | 6.24 | 0.06 | 5.54 ^a | 2.73 | 0 | 16.94 ^a | 12.45 | 0 | 5.31 | 5.6 | 0.399 |
| Midwest | 7.96 ^a | 6.32 | 0 | 6.15 ^a | 2.53 | 0 | 18.96 ^a | 12.92 | 0 | 6.25 ^a | 5.66 | 0.046 |
| South | 6.79 ^a | 5.98 | 0 | 5.19 ^a | 2.52 | 0 | 15.99 ^a | 11.46 | 0 | 5.41 | 5.48 | 0.802 |
| West | 7.41 ^a | 6.41 | 0 | 5.69 ^a | 2.8 | 0 | 16.15 ^a | 12.58 | 0 | 6.06 | 5.77 | 0.399 |
| | | | | | | | | | | | | |
| South Dakota | 9.59 ^a | 6.87 | 0.001 | 8.55 ^a | 2.51 | 0 | 24.04 ^a | 14.03 | 0 | 6.92 | 6.15 | 0.44 |
| | | | | | | | | | | | | |
| Iowa | 7.64 ^a | 5.97 | 0.017 | 7.01 ^a | 2.46 | 0 | 18.20 ^a | 13.14 | 0.006 | 5.72 | 5.13 | 0.484 |
| Minnesota | 8.14 ^a | 6.05 | 0.005 | 6.55 ^a | 2.28 | 0 | 19.75 ^a | 12.98 | 0 | 6.26 | 5.38 | 0.322 |
| Nebraska | 9.51 ^a | 7.19 | 0.005 | 8.42 ^a | 2.51 | 0 | 23.20 ^a | 14.7 | 0 | 7.03 | 6.44 | 0.567 |
| North Dakota | 9.91 ^a | 7.4 | 0.003 | 9.46 ^a | 3.07 | 0 | 25.71 ^a | 15.08 | 0 | 6.66 | 6.17 | 0.632 |
| Wyoming | 8.71 ^b | 7.21 | 0.055 | 7.13 ^a | 3.06 | 0 | 23.02 ^a | 14.03 | 0 | 6.22 | 6.52 | 0.754 |

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their p values being the Bayes posterior probability of no change between the 2002-2003 and the 2013-2014 estimates. The "Total U.S." estimates, along with the p values, are based on design-based (direct) estimation methods.

NOTE: 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).

^a Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2013-2014 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2010, and 2011 (2010 Data – Revised March 2012).