



BIG STONE COUNTY

SUMN.org FACT SHEET

2017

Substance Abuse Prevention

This fact sheet provides county level data on substance use and related factors to help guide decisions about prevention efforts. These data can be used to justify need for prevention funding, monitor substance-related trends, and plan programs and initiatives by establishing community level prevention priorities.

According to 2016 estimates from the U.S. Census Bureau, Big Stone County has 5,050 residents; 21% are under the age of 18.

For more information on alcohol, tobacco, and other drug use, consequences, contributing factors, and treatment, as well as mental health data, visit SUMN.org

Adult Substance Use

According to the 2015 Minnesota Survey on Adult Substance Use (MNSASU):

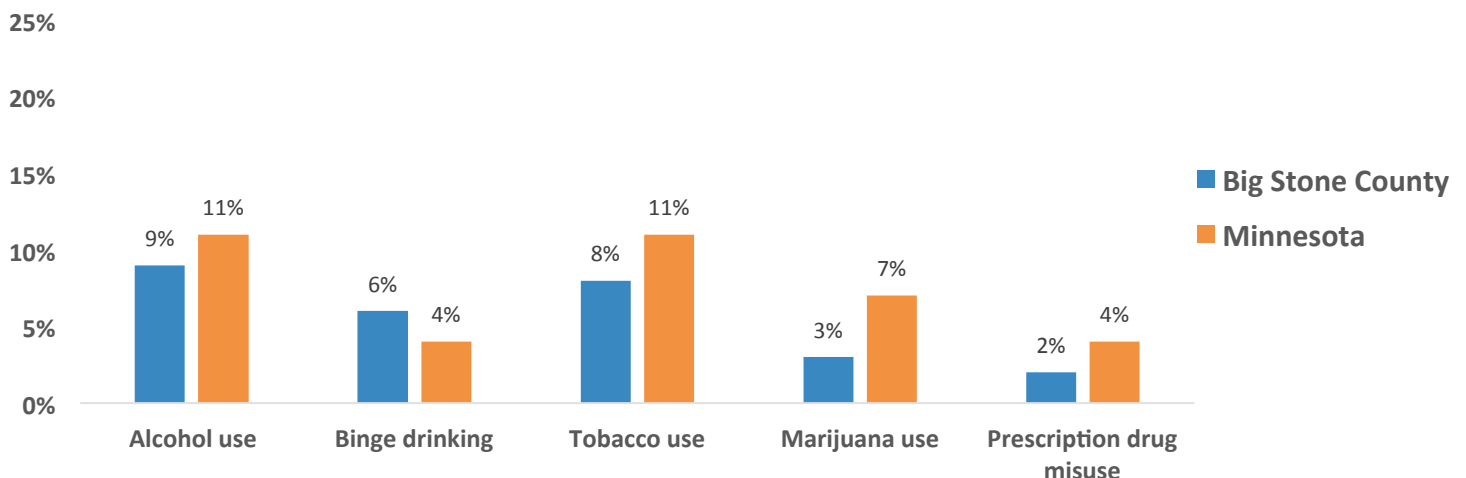
- Past-month binge drinking (women having 4+ drinks or men having 5+ drinks in a row on one occasion) was reported by 11% of adults in the Southwest region and 14% of Minnesota adults.
- Past-month cigarette smoking was reported by 16% of Southwest adults and 16% of Minnesota adults.
- Past-month marijuana use was reported by 2% of adults in the Southwest region compared to 5% of adults statewide.

Youth Substance Use

Data on youth substance use are from the Minnesota Student Survey (MSS). Data are limited when a county doesn't have more than one participating district per grade. For more on Big Stone County MSS data, visit <http://w20.education.state.mn.us/MDEAnalytics/Data.jsp>. Previous years' data may be available at sumn.org.

Past year alcohol and/or drug use was not reported by any of Big Stone 5th graders.

Figure 1. 9th Grade Past 30-Day Substance Use, 2016 Minnesota Student Survey (MSS)



**Tobacco includes any past month use of cigarettes, cigars, chewing tobacco, electronic cigarettes and/or hookah

Alcohol

Past 30-day alcohol use was reported by 9% of 9th graders, and 28% of 11th graders in Big Stone County in 2016. Use among 9th graders dropped in Big Stone County from 51% in 1998 to 9% in 2016. Past 30-day binge drinking (defined as having five or more drinks in a row on one occasion) was reported by 6% of 9th graders, and 12% of 11th graders in 2016.

Tobacco/Nicotine

Of Big Stone County 9th and 11th graders, 9% and 20% reported any past 30-day tobacco use, respectively: 3% and 4% reported smoking cigarettes; no students reported smoking cigars or cigarillos, in either grade; and 0% and 12% reported chewing tobacco use, respectively. In addition, 6% and 12% of 9th and 11th graders reported e-cigarette use, respectively, and 1% and 8% reported hookah use; questions about these two methods of nicotine use were added to the survey in 2016. Cigarette smoking among 9th graders dropped in Big Stone County from 18% in 1998 to 3% in 2016.

Other Drugs

Past 30-day marijuana use was reported by 3% of 9th graders, and 0% of 11th graders in Big Stone County in 2016. Use among 9th graders dropped in Big Stone County from 10% in 2004 to 3% in 2016.

Past 30-day prescription drug misuse was reported by 2% of 9th graders, and 8% of the 11th graders in Big Stone County in 2016. Specifically, in the past year, students in 9th and 11th grades reported the misuse of stimulants (0% and 4%, respectively); ADD or ADHD medication (2% and 0%); pain relievers (3% and 8%); and tranquilizers (0% and 4%).

Consequences

Alcohol

- The DWI arrest rate for Big Stone County residents was 39.6 per 10,000 population in 2015, with an average of 44.8 from 2006 to 2015. The state's average was 57.0 (Minnesota Office of Traffic Safety, DPS)
- In 2015, 9.4% of motor vehicle crashes in Big Stone County were alcohol-related, compared to 4.7% throughout the state (*Crash Facts*, DPS)

Tobacco

- The lung, bronchus and trachea cancer death rate for Big Stone County has averaged 9.9 per 10,000 population from 2006 to 2015. That's more than twice as high as the state average of 4.5, and the highest in the state (Minnesota Center for Health Statistics, MDH)

Drugs

- From 2000 to 2015, there were 3 opioid deaths (non-exclusive) in Big Stone County, of 2,273 total in Minnesota. Over that same 15-year period, there were no heroin deaths in Big Stone County; there were 453 in the state as a whole (Minnesota Center for Health Statistics, MDH)
- In 2015, there were 2 arrests for other drugs (including methamphetamine) in Big Stone County, and no other drug arrests, for opium, cocaine, synthetic drugs, or marijuana (*Minnesota Crime Information*, DPS)

SUMN.org

SUMN is a one-stop-shop for data, tools, and prevention resources. Visitors can search county, regional, and state level data by topic, by location, and by demographics. View and download data products, such as this fact sheet, and find tips on finding and using data.

- Use the 'Data by Topic' search function to access county level data, by grade and gender, for all measures included in this fact sheet.

Contact Us

For questions or more information regarding the State Epidemiological Outcomes Workgroup or SUMN.org, please email: info@sumn.org

To contact the Regional Prevention Coordinator for your region, please visit: www.rpcmn.org