SEOW Webinar Series Part 3: Contributing Factors of Substance Use in Maine



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Agenda

- Purpose of the SEOW
- Presentation of Key Findings
- New and Updated Resources
- Questions/Discussion

SEOW What?

(Purpose of the State Epidemiological Outcomes Workgroup)

- Promote systematic, data-driven decision-making
- Guide effective and efficient use of prevention resources
- Identify, track, and detect emerging substances/trends
- Serve as a clearing house and facilitator
- Help secure funds and measure progress
- Opportunity for networking and collaboration

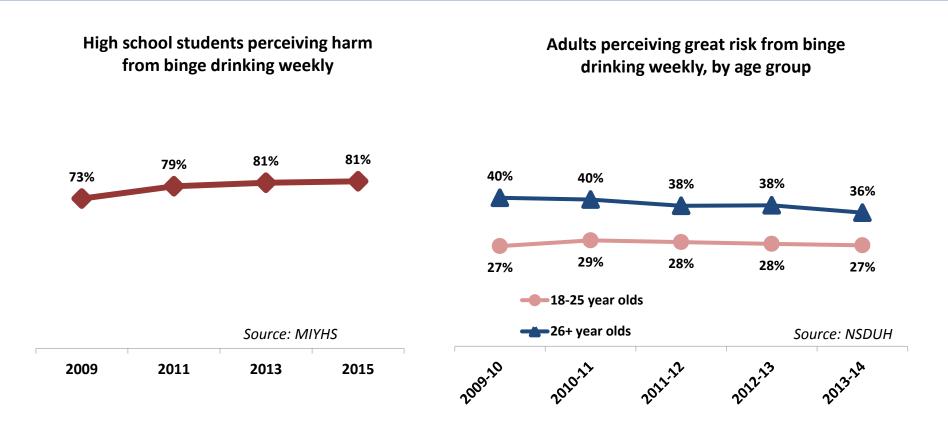
Contributing Factors

Examples:

- Social Access
- Retail Availability
- Pricing and Promotion
- Social/Community Norms
- Enforcement
- Perceptions of Harm
- Perceived Risk of Being Caught

Addressing these factors through Prevention work can have a positive impact on substance consumption and consequences in Maine.

Perception of harm: binge drinking



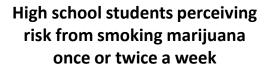
Four out of five high school students think binge drinking once or twice a week is harmful. Perception of harm from binge drinking remains much lower among adults. Only about one in four young adults (18 to 25) thought that binge drinking a few times a week was risky.

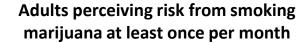
Perception of harm: binge drinking

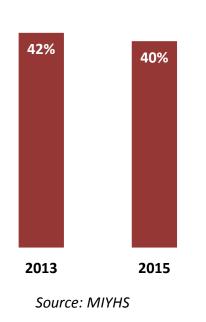
In 2015, high school students who did not perceive a moderate to great risk of harm from binge drinking once or twice a week were twice as likely to drink in the past month as high school students who do perceive risk of harm.

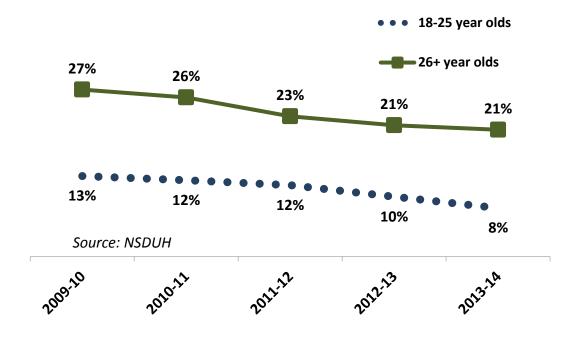
Source: MIYHS

Perception of harm: marijuana



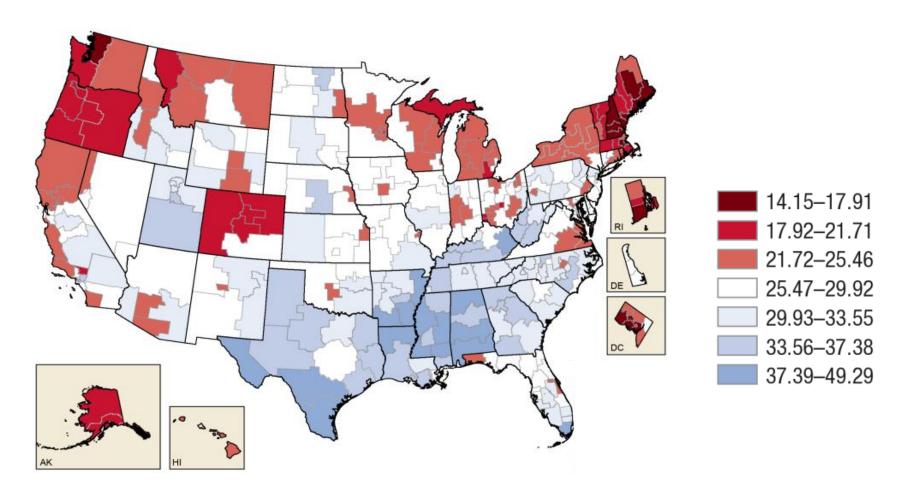






Two out of five high school students feel smoking marijuana once or twice a week was risky. 8% of 18 to 25 year olds felt smoking at least once a month was harmful. Perceptions of risk from marijuana use among adults have been decreasing in recent years.

Perceived great risk of harm from smoking marijuana once a month among people aged 12 or older, by substate region: 2012-14



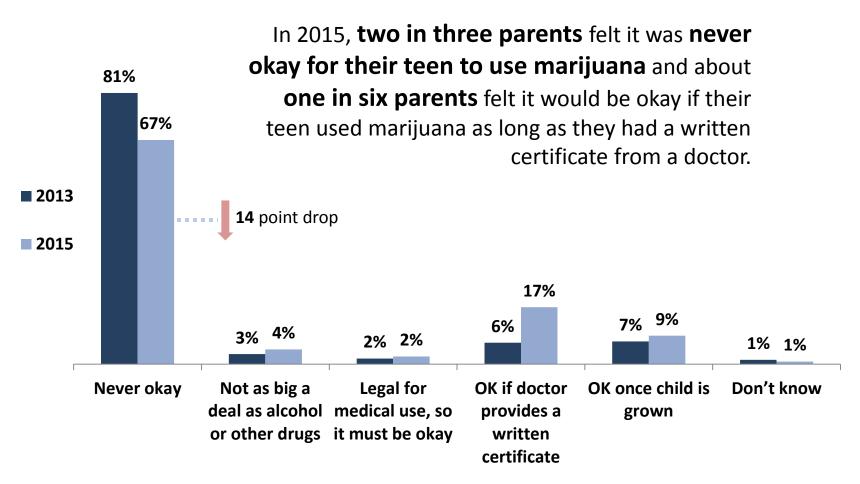
Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Surveys on Drug Use and Health (NSDUHs), 2012 to 2014.

Perception of harm: marijuana

In 2015, high school students who do not believe there is risk in smoking marijuana regularly are almost 8 times as likely to smoke marijuana as their peers who do perceive risk of harm.

Source: MIYHS

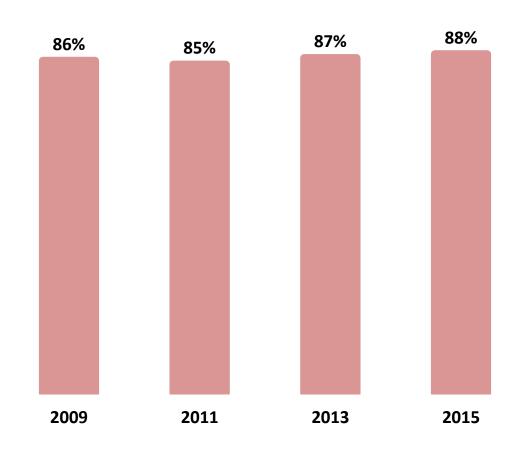
Parental attitudes regarding their teen using marijuana: 2013 and 2015



Source: Parent Survey

High school students who reported their family has clear rules about alcohol and drug use: 2009–2015

In 2015, almost nine in ten high school students in Maine report that their family has clear rules around alcohol and drug use. In contrast, this means that more than one in ten high school students did not think their family had clear rules about drugs and alcohol.



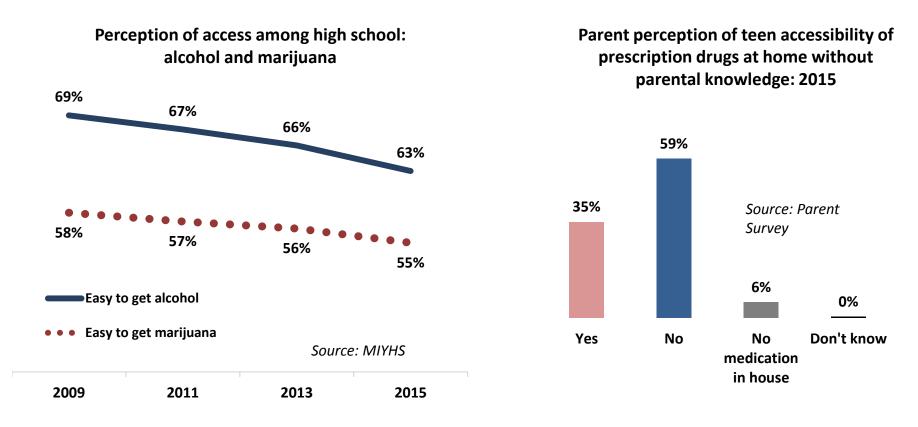
Source: MIYHS

High school students who reported their family has clear rules about alcohol and drug use: 2009–2015

In 2015, high school students who <u>did not</u> believe their parents have clear rules about substance use are twice as likely as to drink alcohol in the past month as compared to their peers who did have clear rules.

Source: MIYHS

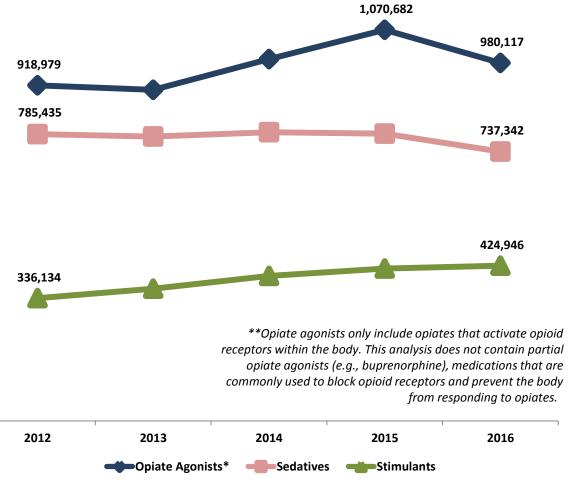
Perception of access/availability



In 2015, over half of high school students believed that alcohol as well as marijuana was easy to obtain. Rates have steadily decreased over time. More than a third (35%) of parents felt that, at home, their teen could access medications without permission.

Number of prescriptions prescribed in Maine, by type: 2012–2016**

- Prescriptions for **opiate**agonists decreased
 by 8% from 2015 to
 2016
- Sedatives remained relatively stable.
- Prescriptions filled for stimulants have increased by 26% since 2012.



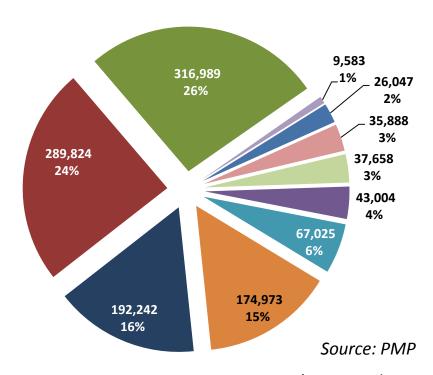
Source: PMP

Percentage of opiate prescriptions prescribed in Maine, by primary active ingredient: 2016*

The primary active ingredient **oxycodone was present in 26%** of all opiate prescriptions (agonists as well as partial agonists) prescribed in 2016; this was followed by **hydrocodone (24%)**, **buprenorphine (16%)**, and **tramadol (15%)**

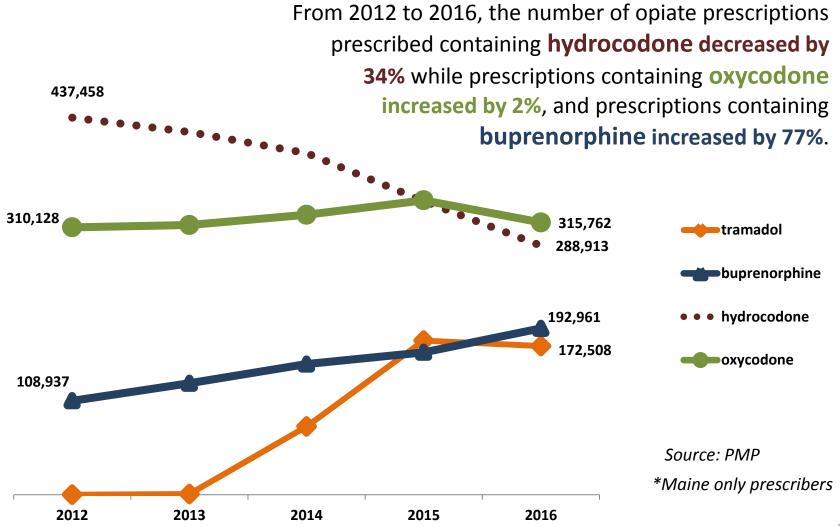


- Methadone
- Fentanyl
- Codeine
- **■** Morphine
- Tramadol
- **■** Buprenorphine
- Hydrocodone
- Oxycodone
- Other Opiates

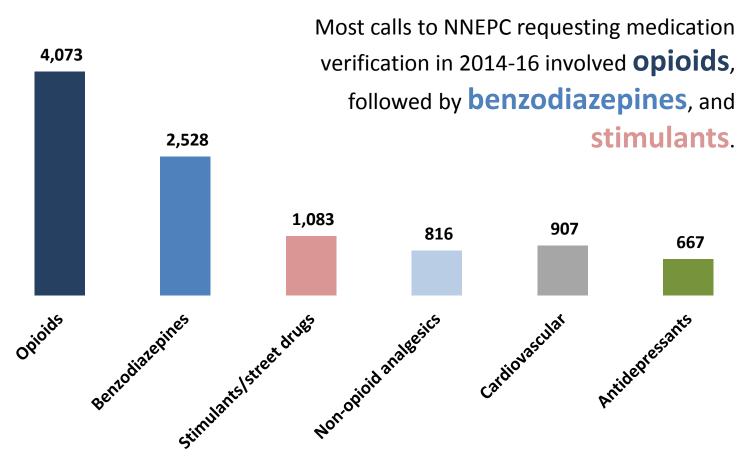


*Maine only prescribers

Number of opiate prescriptions prescribed in Maine, by primary active ingredient: 2012–2016*

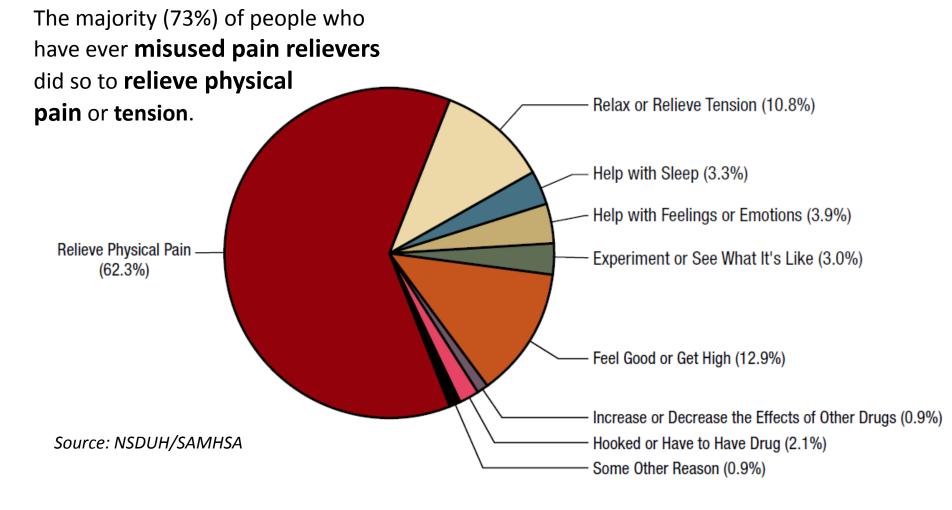


Substances most frequently requested for medication verification by non-law enforcement, by type: 2014–16



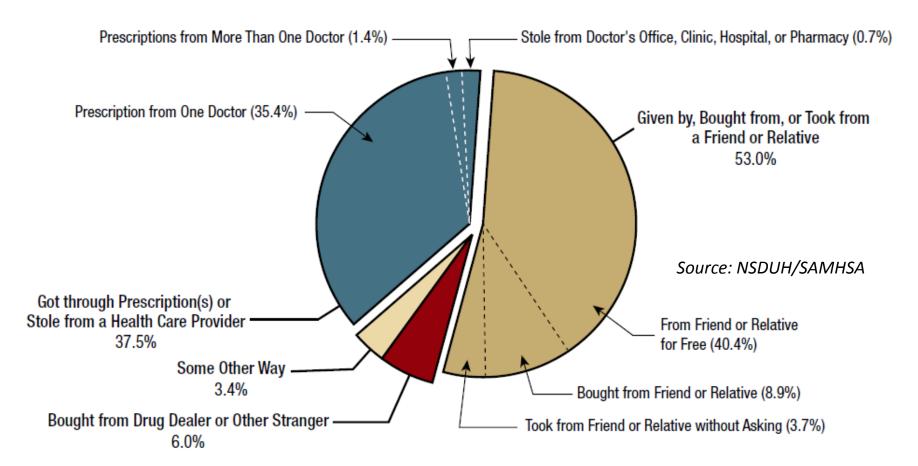
Source: NNEPC

Main reason for the most recent prescription pain reliever misuse among People 12 or Older who misused prescription pain relievers in the past year, United States: Percentages, 2016



11.5 Million People Aged 12 or Older Who Misused Prescription Pain Relievers in the Past Year

Source Where pain relievers were obtained for most recent misuse among people 12 or older who misused prescription pain relievers in the past year: Percentages, United States: 2016



11.5 Million People Aged 12 or Older Who Misused Prescription Pain Relievers in the Past Year

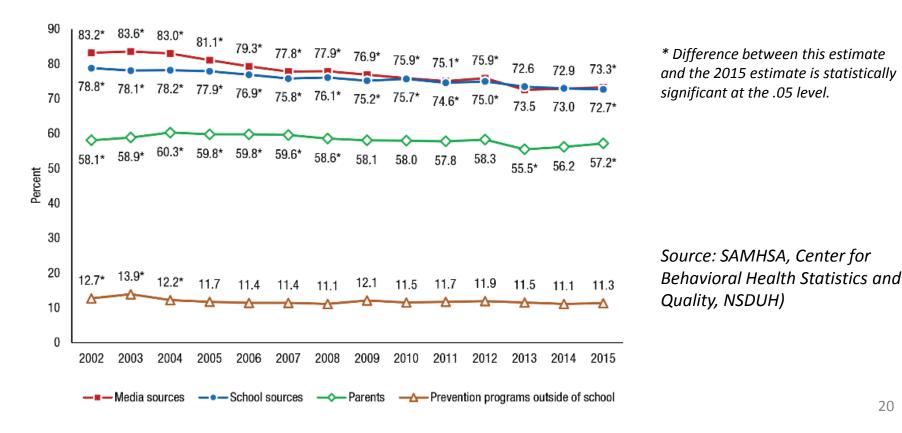
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Note: Respondents with unknown data for Source for Most Recent Misuse or who reported Some Other Way but did not specify a valid way were excluded.

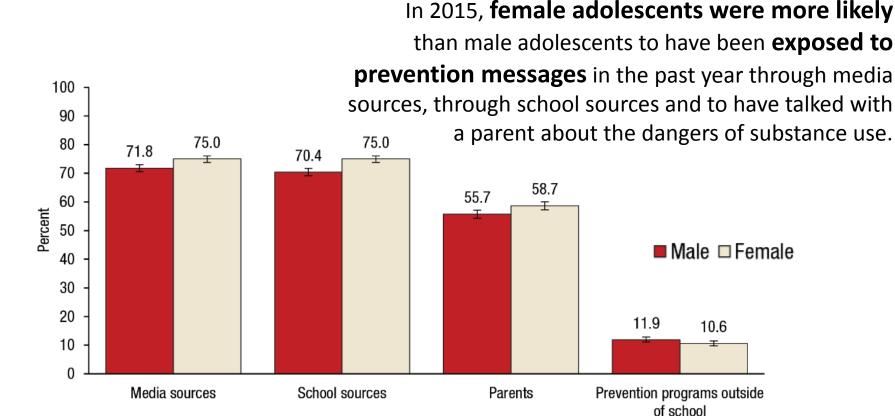
Note: The percentages do not add to 100 percent due to rounding.

Trends in exposure to substance use prevention messages in the past year among adolescents aged 12 to 17, United States: 2002 to 2015

The percentage of adolescents who were exposed to drug or alcohol use **prevention messages** in the past year through media and school sources declined since 2002.



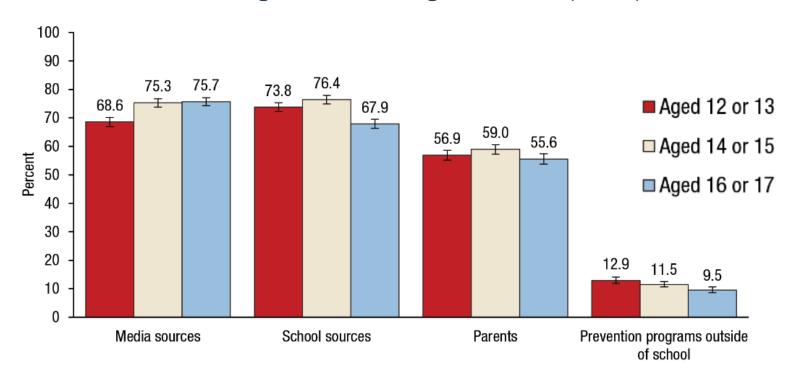
Exposure to substance use prevention messages in the past year among adolescents aged 12 to 17, by gender: 2015



Source: SAMHSA, Center for Behavioral Health Statistics and Quality, NSDUH)

Exposure to substance use prevention messages in the past year among adolescents aged 12 to 17, by age group: 2015

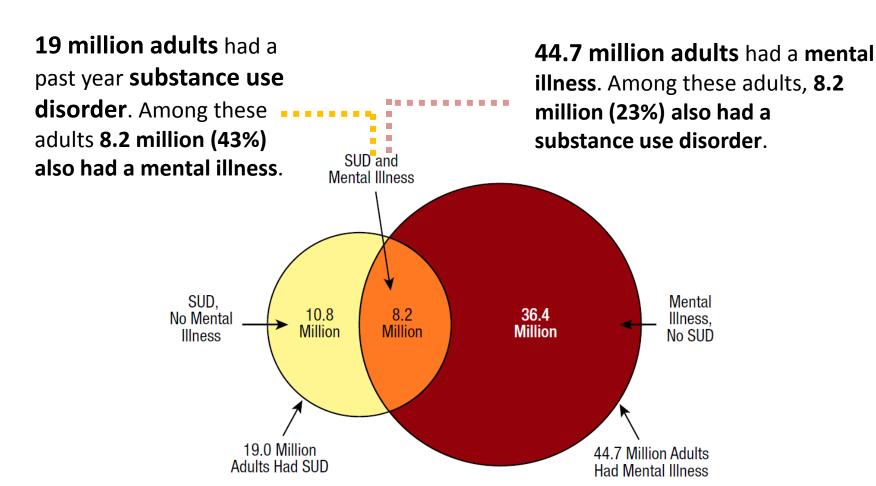
Exposure to substance use prevention messages in school was highest among adolescents aged 14 to 15 (76.4%) and lowest among adolescents aged 16 to 17 (67.9%).



Source: SAMHSA, Center for Behavioral Health Statistics and Quality, NSDUH)

Mental Health

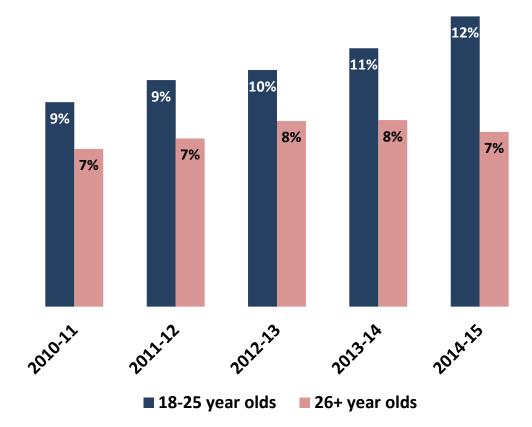
Past year substance use disorder (SUD) and mental illness among adults 18 or older (numbers in millions), United States: 2016



Source: NSDUH/SAMHSA

Maine adults (age 18 and older) experiencing at least one major depressive episode* in past year, by age group: 2010–11 through 2014–15

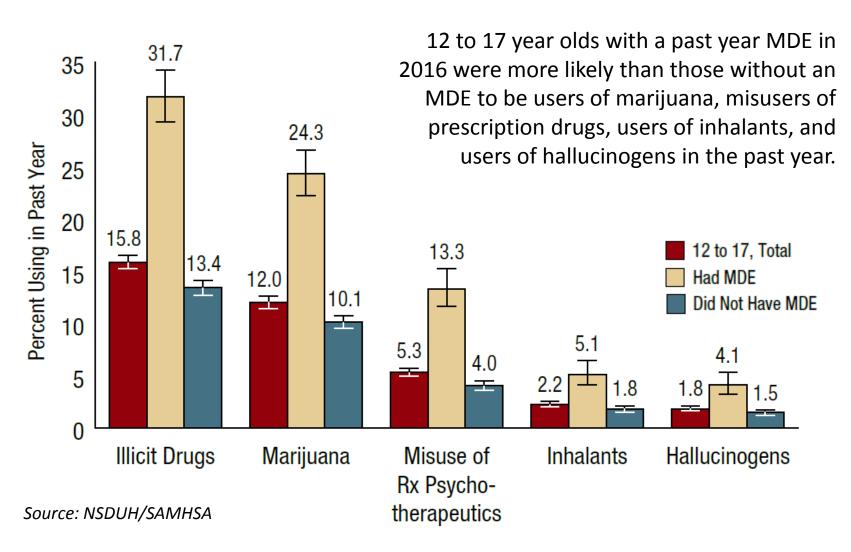
^{*}Major depressive episode (MDE) is defined as in the 4th edition of the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV), which specifies a period of at least two weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms.



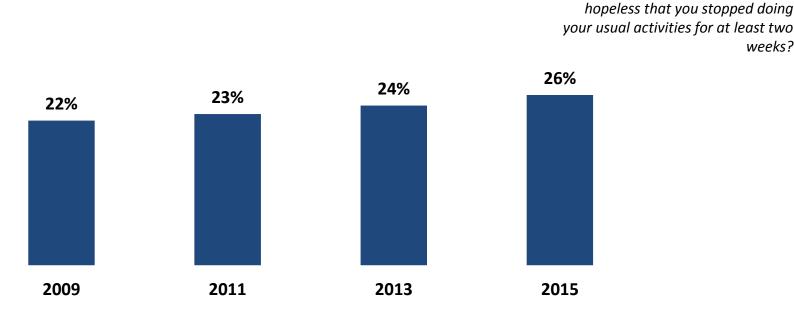
Major depressive episodes in Maine were more prevalent among young adults ages 18 to 25 (12%) compared to adults 26 and older (7%). Major depressive episode rates among 18 to 25 year olds have steadily increased since 2010-11.

Source: NSDUH

Past year illicit drug use among Youths 12 to 17, by past year major depressive episode (MDE) status Nationwide: 2016



High school students who reported feeling sad or hopeless in past year: 2009–2015



Source: MIYHS

In 2015, more than one in four high school students reported feeling sad or **helpless** for at least two weeks in the past year. Rates have been **steadily increasing** for the past several years.

Actual MIYHS question: In the past

year, have you felt so sad or

weeks?

High school students who reported feeling sad or hopeless in past year: 2015

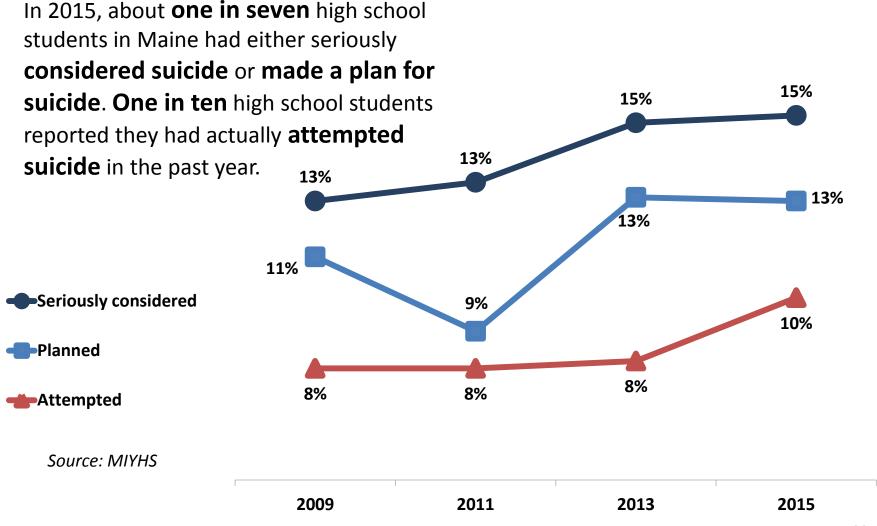
Actual MIYHS question: In the past year, have you felt so sad or hopeless that you stopped doing your usual activities for at least two weeks?

Students who reported **feeling hopeless or sad** for at least two weeks within the past twelve months were:

- **2X** as likely to have used marijuana or to have engaged in binge drinking in the past month, and
- **3x** three times as likely to have misused prescription drugs during the past month.

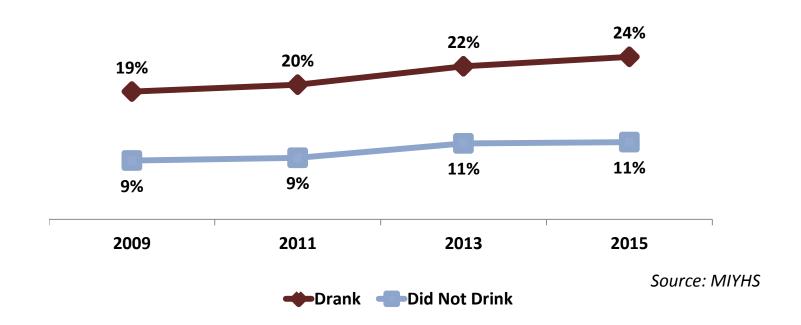
Source: MIYHS

High school students who considered, planned, or attempted suicide in past year: 2009–2015

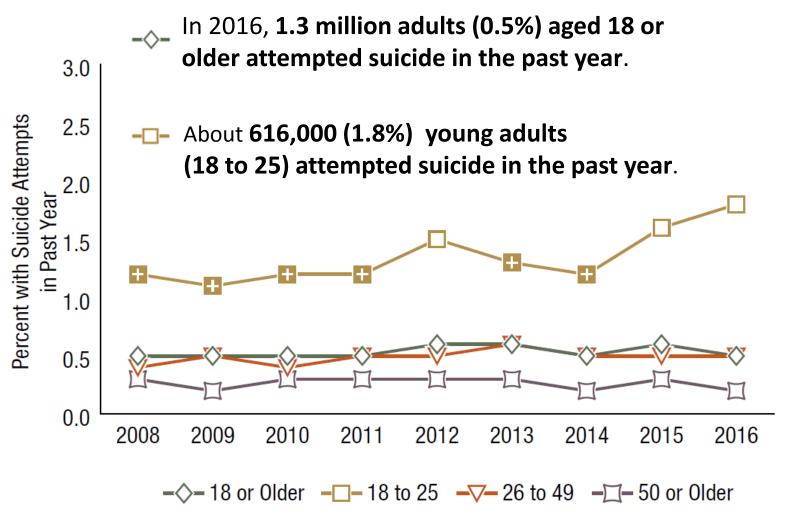


High school students reporting seriously considering suicide in the past year, by alcohol use in the past month: 2009–2015

In 2015, high school **students who drank** in the past month were **twice as likely** to have **seriously considered suicide** in the past year when compared to their peers who did drink.



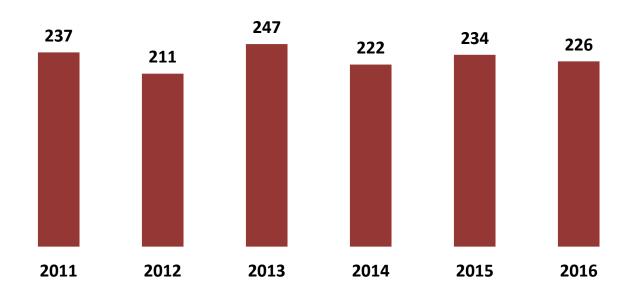
Suicide attempts in the past year among adults 18 or older, by age group, United States: 2008-2016



Source: SAMHSA/NSDUH

Number of suicides in Maine: 2011-2016

In 2016, there were **226 Mainers committed suicide**. The number of suicides in Maine has remained relatively **stable** over the past several years.

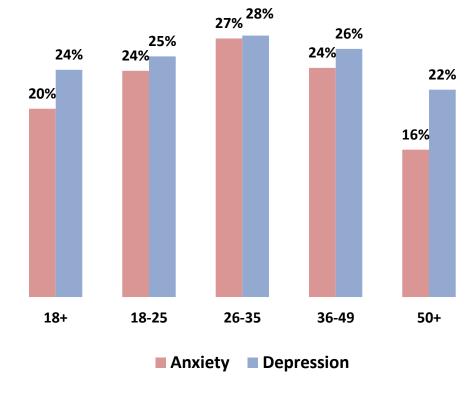


Source: DRVS

Adults who have been told they have a depression or anxiety disorder by age group: 2014–15

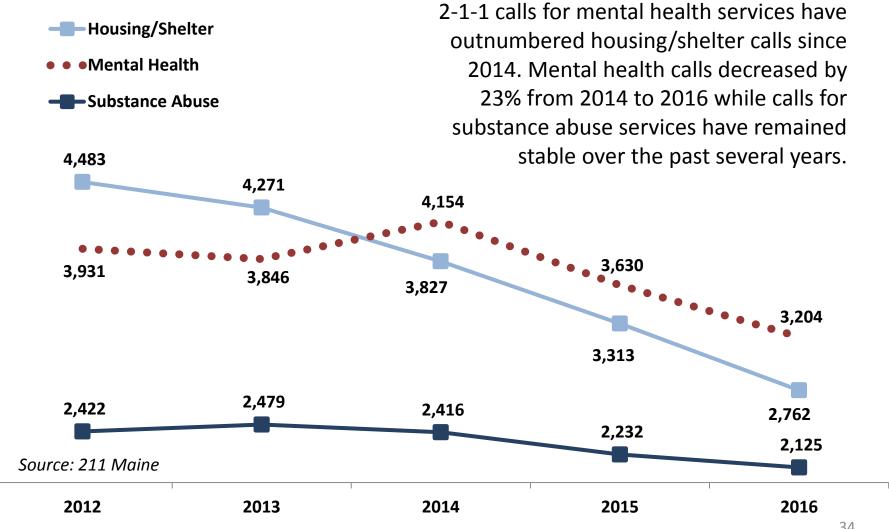
One in four adults in Maine reported having ever been diagnosed with depression

- One in five adults reporting to have been diagnosed with anxiety.
- Adults ages **26 to 35** reported the **highest rates of both depression and anxiety**.



Source: BRFSS

Number of 211 referral calls, by service type: 2012-2016



Summary

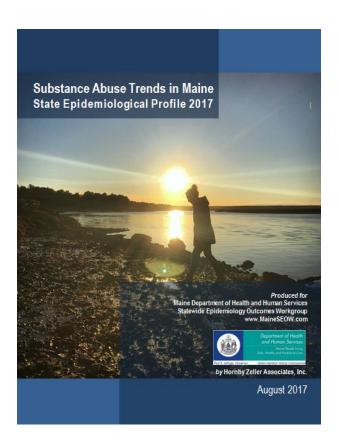
- Most high school students perceive regular use of substances pose a risk of harm.
- ➤ Young adults (18 to 25) are least likely to perceive risks of harm from using alcohol and marijuana regularly.
- ➤ Perceptions of harm from marijuana use has been declining steadily among both youth and adults, reinforcing a more permissive attitude among parents and communities.
- Most Students think it is easy to obtain alcohol and marijuana.
- > Discrepancy between parental perceptions of their child's behaviors and actual reports.

Summary

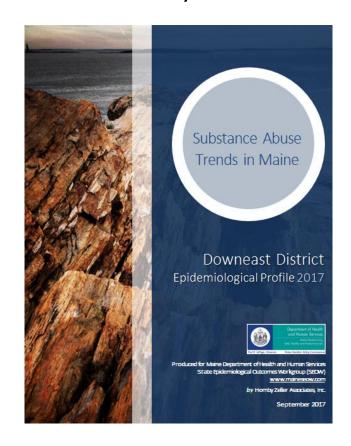
- ➤ The potential for diversion of prescription drugs remains a problem.
- Over a third of parents felt it would be possible for their teen to access prescription drugs at home without their knowledge.
- ➤ Supervision, defining rules, and conversations around drugs/alcohol between parents and youth can impact consumption rates.
- ➤ The relationship between substance use and mental health is well documented. It is important to understand how substance use and mental health interact with one another so that prevention and intervention efforts can better address the needs of both.

Additional Resources 2017 State and Community Profiles

State Profile



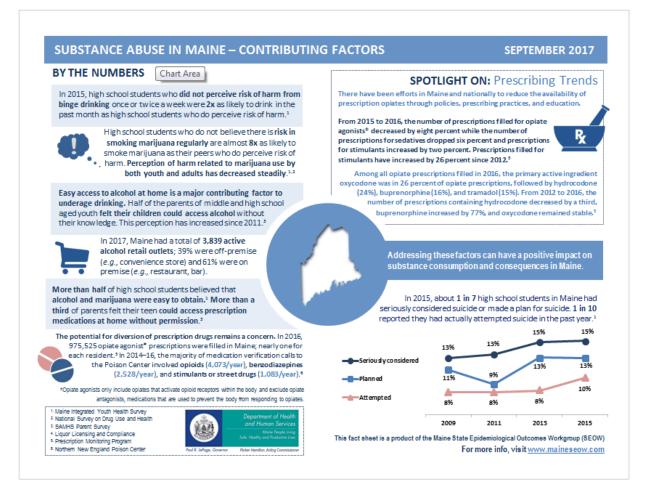
Community Profiles



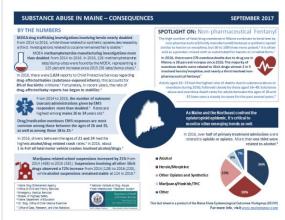
Factsheets and reports can be found <u>www.maineseow.com</u> within "additional resources"

Additional Resources: 2017 Factsheets

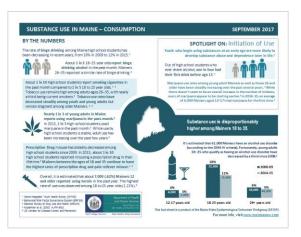
Contributing Factors



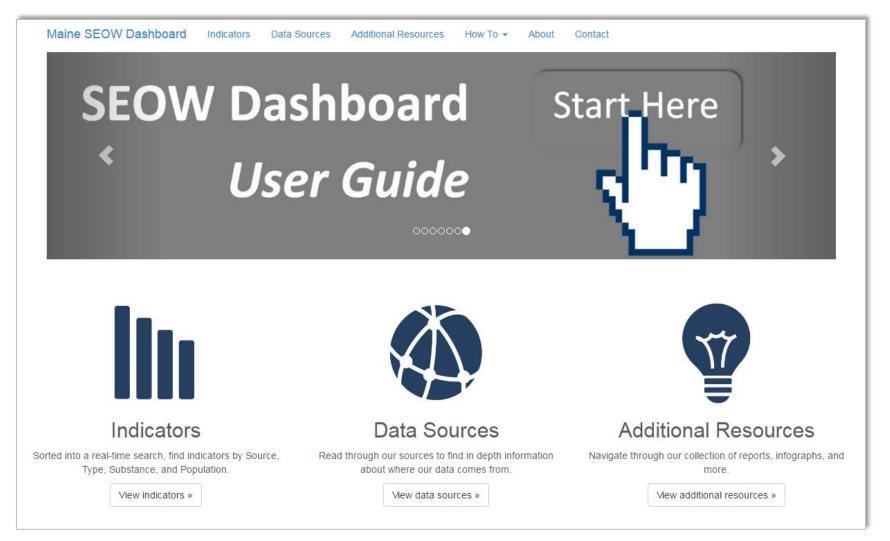
Consequences



Consumption



Additional Resources: Data Dashboard



Contact

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