

A Conversation on Lessons Learned from Marijuana Legalization in three States: Alaska, Oregon, and Washington

Moderator: Renee Faber, DHHS – Behavioral Health, Nebraska

Panelists:

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Oregon
Health Authority

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Washington
Department of Social and Health Services

Mary Segawa
Washington
Liquor and Cannabis Board

Overview of the Laws and Timelines

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Washington Marijuana Milestones

- Medical Use of Marijuana Act (I-692) – 1998
- 2011 - SB 5073 passed but partially vetoed
- Legalization of marijuana for recreational use(I-502)
 - Passed November 2012
 - Retail stores opened July 2014. Retail licenses issued – 427 (8/31/16)
- Medical integration - July 2016

| | Total sales* (shelf price) | Total tax obligation |
|-------------------------|----------------------------|----------------------|
| FY 2015 | \$259,785,729 | \$ 64,946,432 |
| FY 2016 | \$972,729,675 | \$185,786,493 |
| FY 2017 (8/31/2016) | \$246,274,506 | \$ 47,101,325 |
| Average daily sales WTD | \$4,271,067 | |

Oregon marijuana milestones

1998

Measure 67 establishes
Oregon Medical
Marijuana Act

2014

Measure 91 legalizes
marijuana for
recreational use

October 1, 2015

Limited retail sales of
marijuana through
dispensaries

October 2016

Begin retail
marijuana store
licensing

2013

HB 3460 allows
medical marijuana
dispensaries and
establishes registry

August 2015

HB 3400 allows local
control of marijuana sales

SB 460 allows early sales
of non-medical marijuana
through dispensaries

June 2016

Limited retail
sales plus
(included edibles)

December 31, 2016

Retail marijuana
sales in medical
marijuana
dispensaries ends



Alaska Department of Health and Social Services

The Path to Legalization of Commercial Marijuana in Alaska

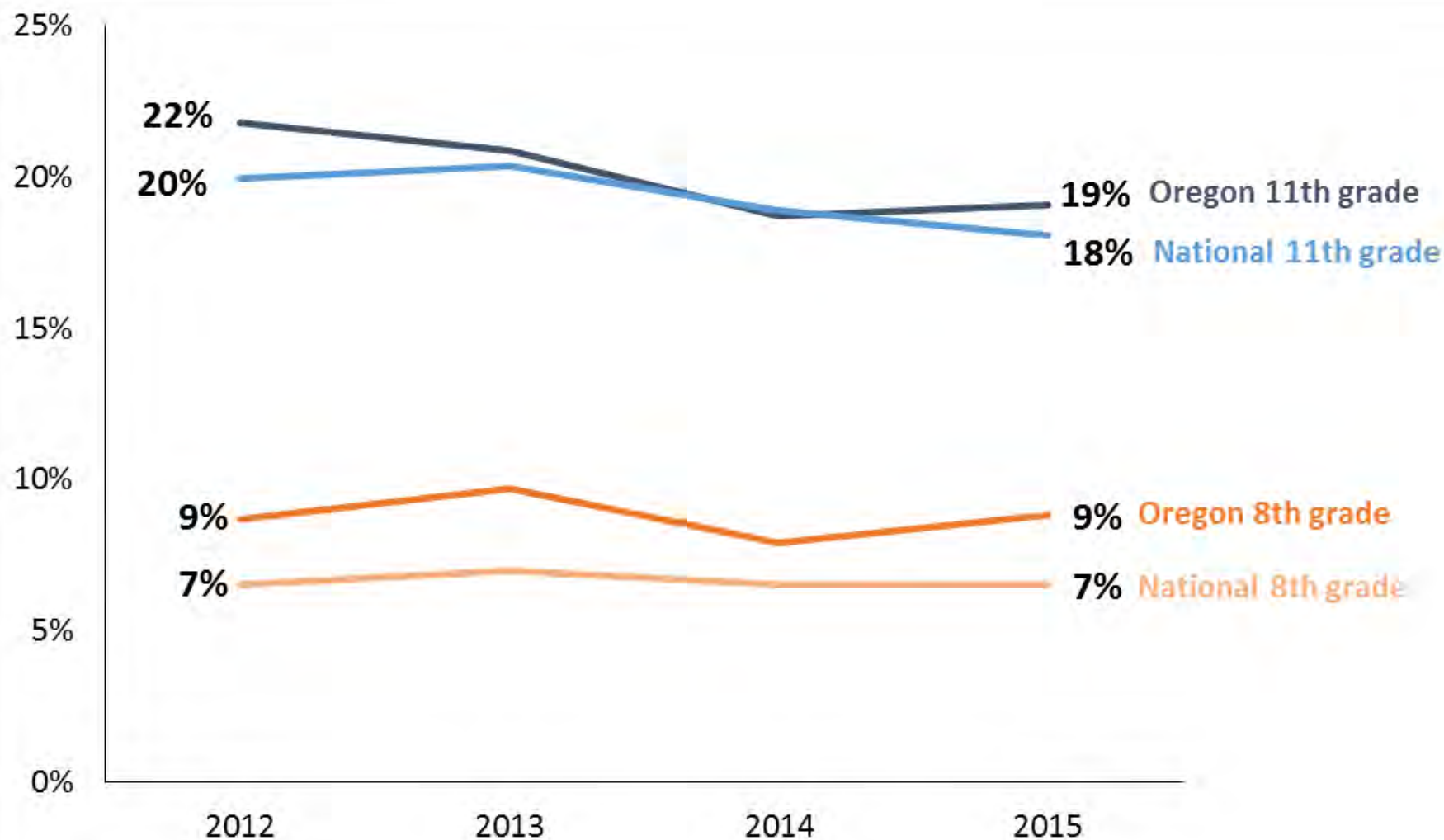
- 2000 Citizen's Initiative failed with 40.9%
- 2004 Initiative again failed but this time with 44%
- 2014 Initiative passed with 52%
- 2015 Marijuana Control Board established and regulations began development
- 2016 First Licenses approved and the first sale is expected by late fall.

Collecting and Interpreting Data

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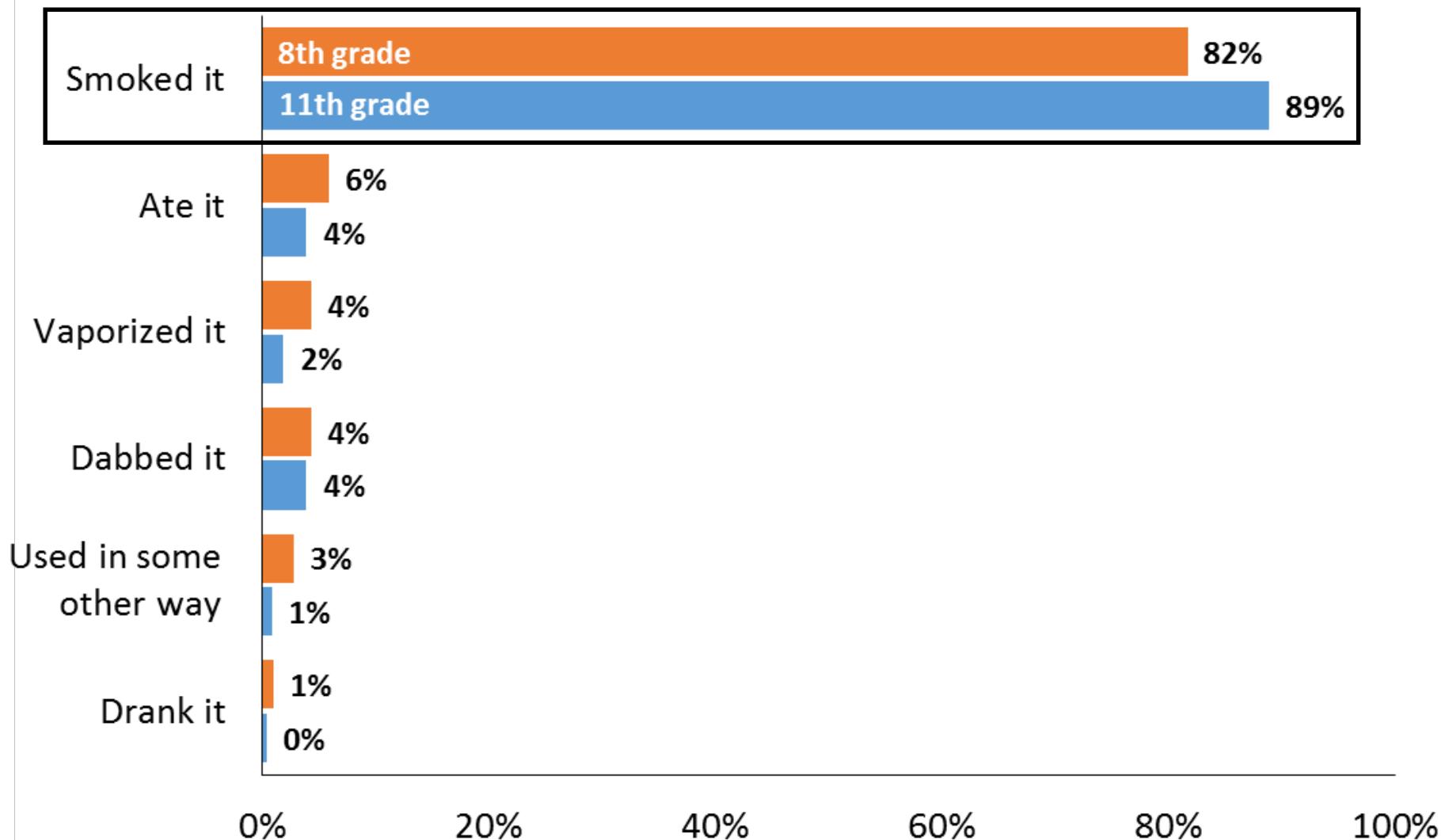
Oregon - Current marijuana use among youth over time, 2012-2015

Marijuana use has remained fairly stable over time in Oregon and nationally



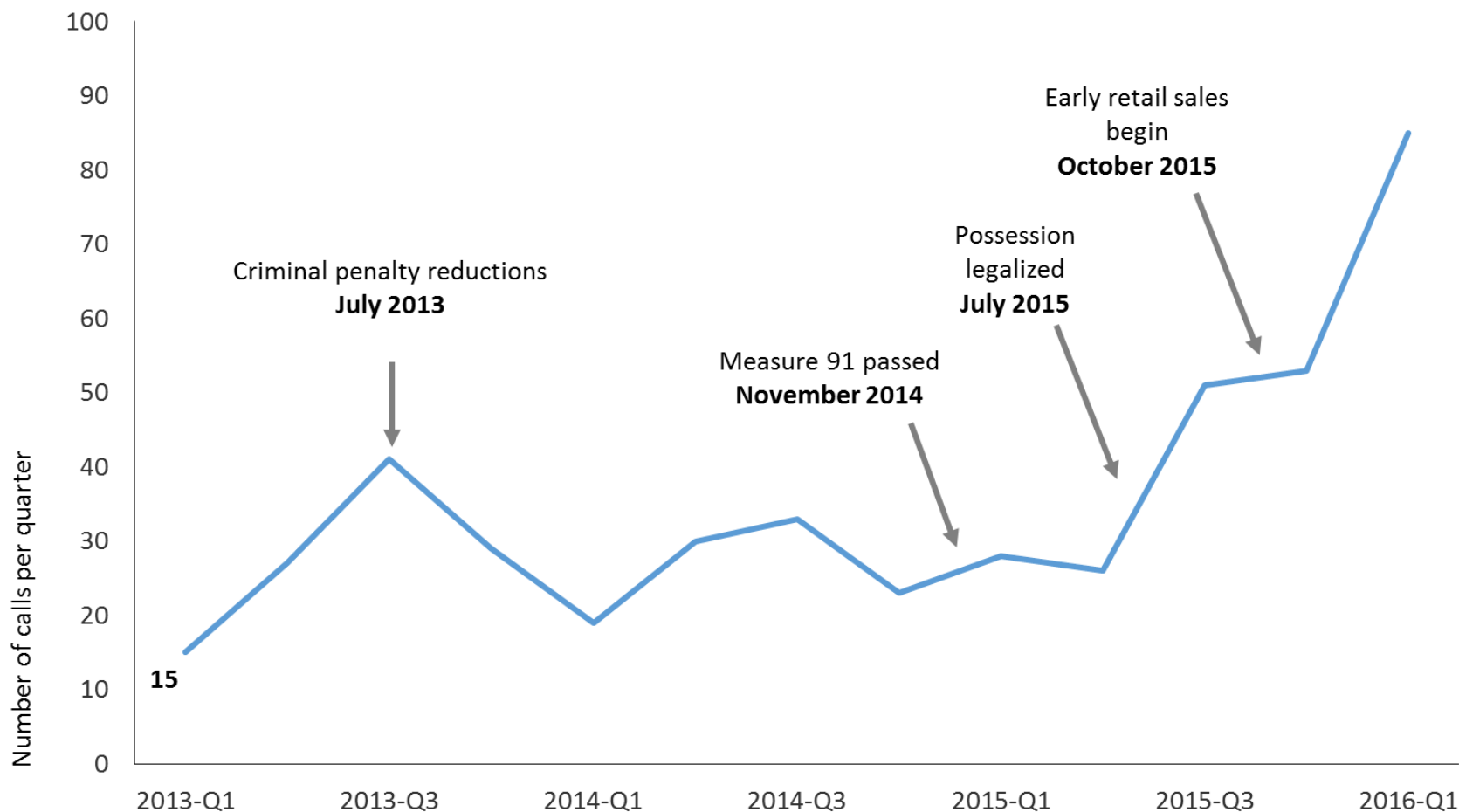
Usual method of marijuana use among youth current users, 2015

The vast majority of youth reported smoking as their usual method of use

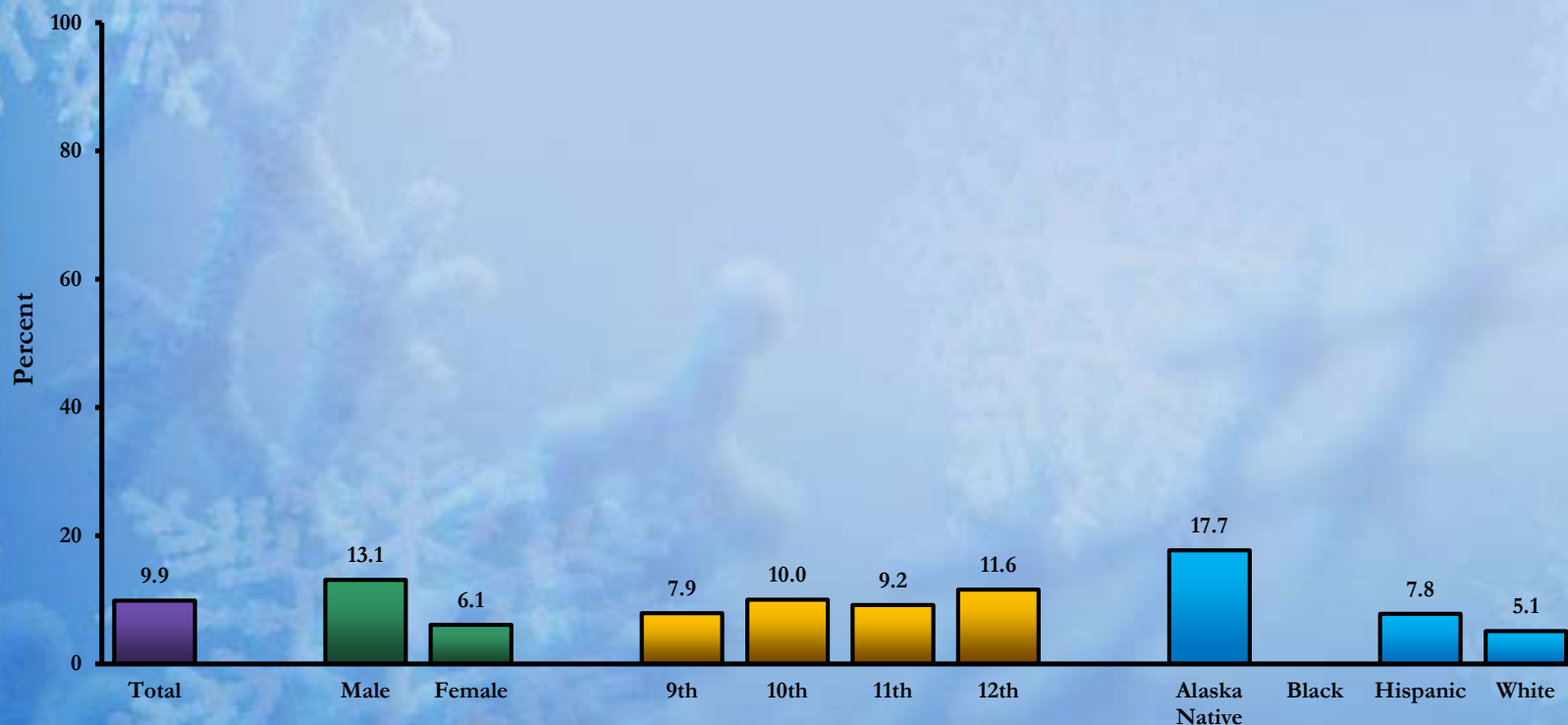


Marijuana-related calls to the Oregon Poison Center by quarter, 2013-2016

Marijuana-related calls have increased yearly since 2013; there were 158 calls in 2015



Percentage of High School Students Who Tried Marijuana Before Age 13 Years,* by Sex,[†] Grade, and Race/Ethnicity,[‡] 2015



*For the first time

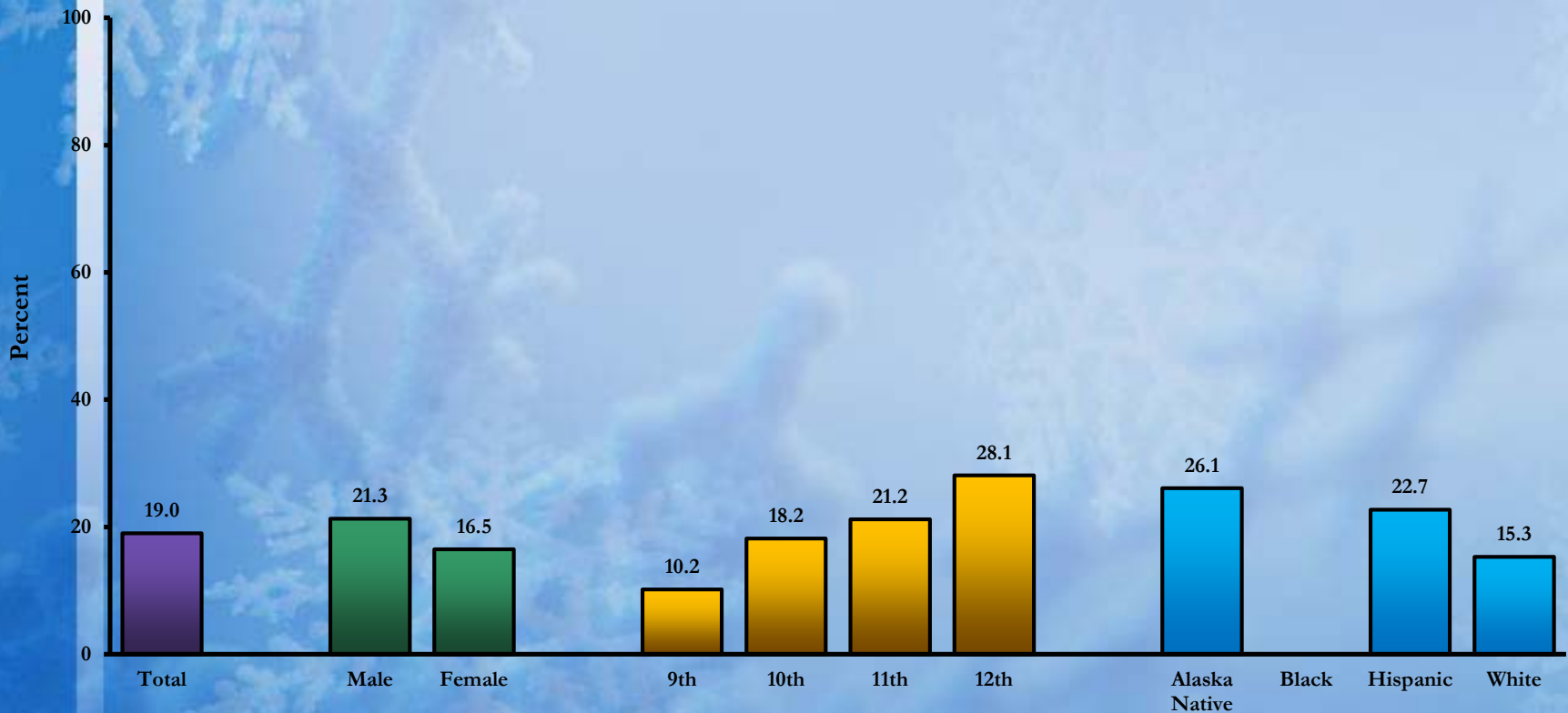
[†]M > F; A > H, A > W (Based on t-test analysis, $p < 0.05$.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

Missing bar indicates fewer than 100 students in this subgroup.

Note: This graph contains weighted results.

Percentage of High School Students Who Currently Used Marijuana,* by Sex, Grade,[†] and Race/Ethnicity,[†] 2015



*One or more times during the 30 days before the survey

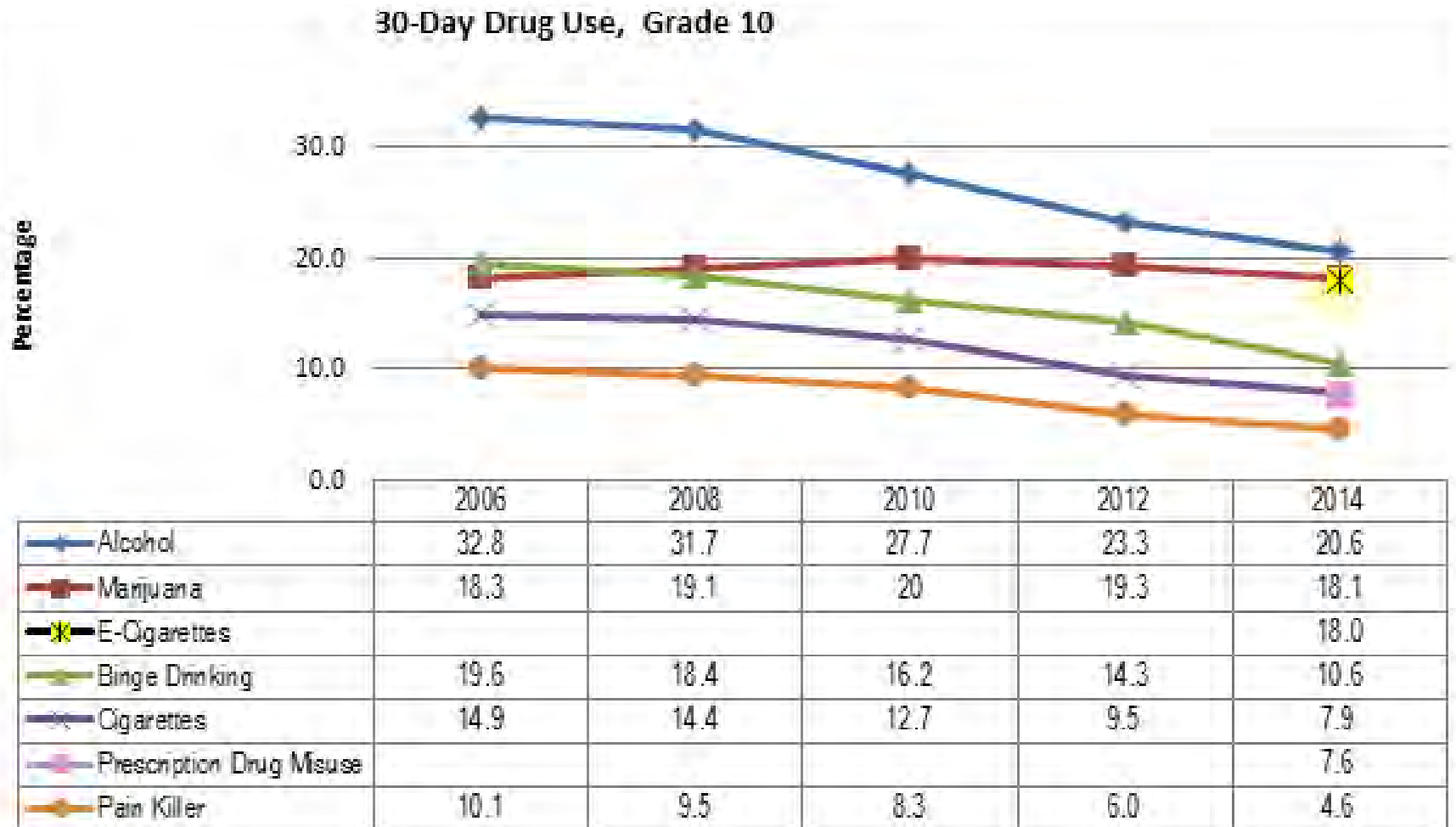
[†]10th > 9th, 11th > 9th, 12th > 9th, 12th > 10th; A > W (Based on t-test analysis, $p < 0.05$.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

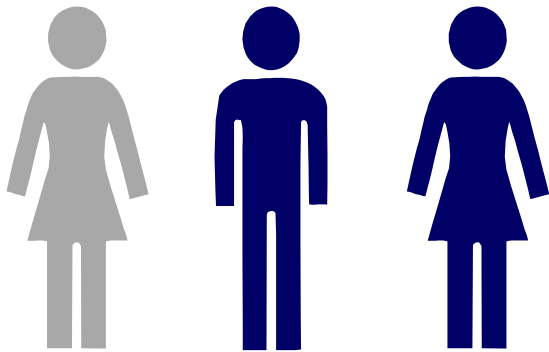
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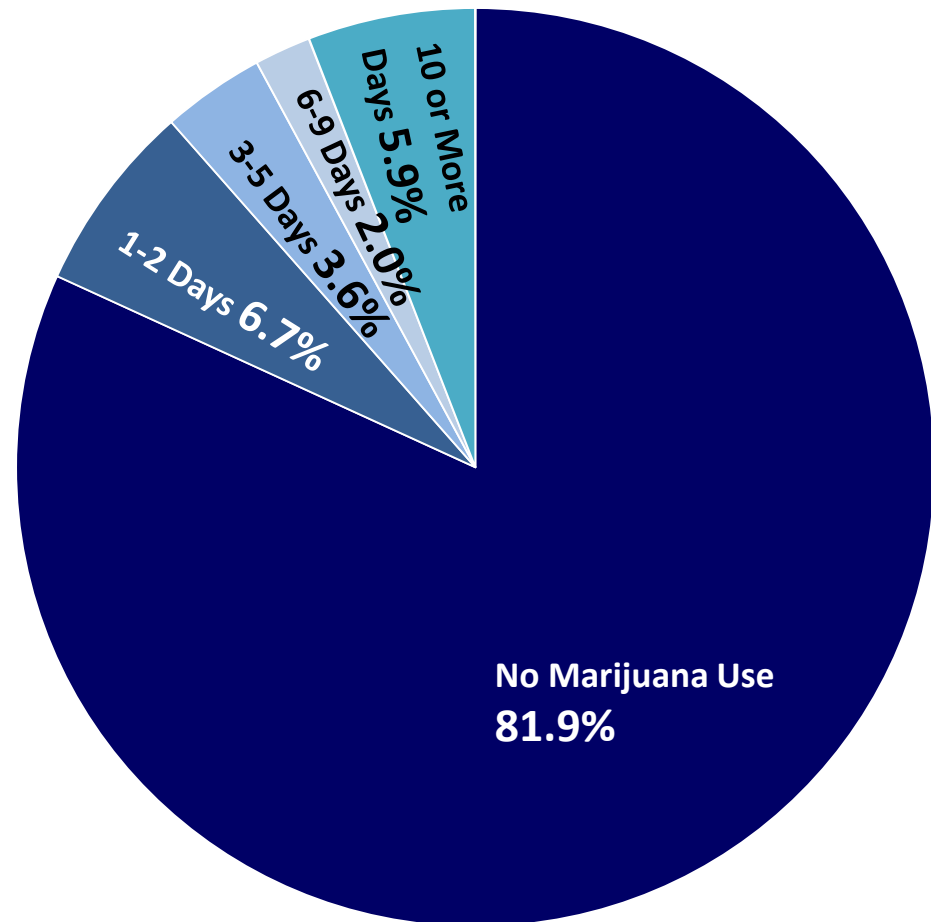
Drug Use Trends – Healthy Youth Survey



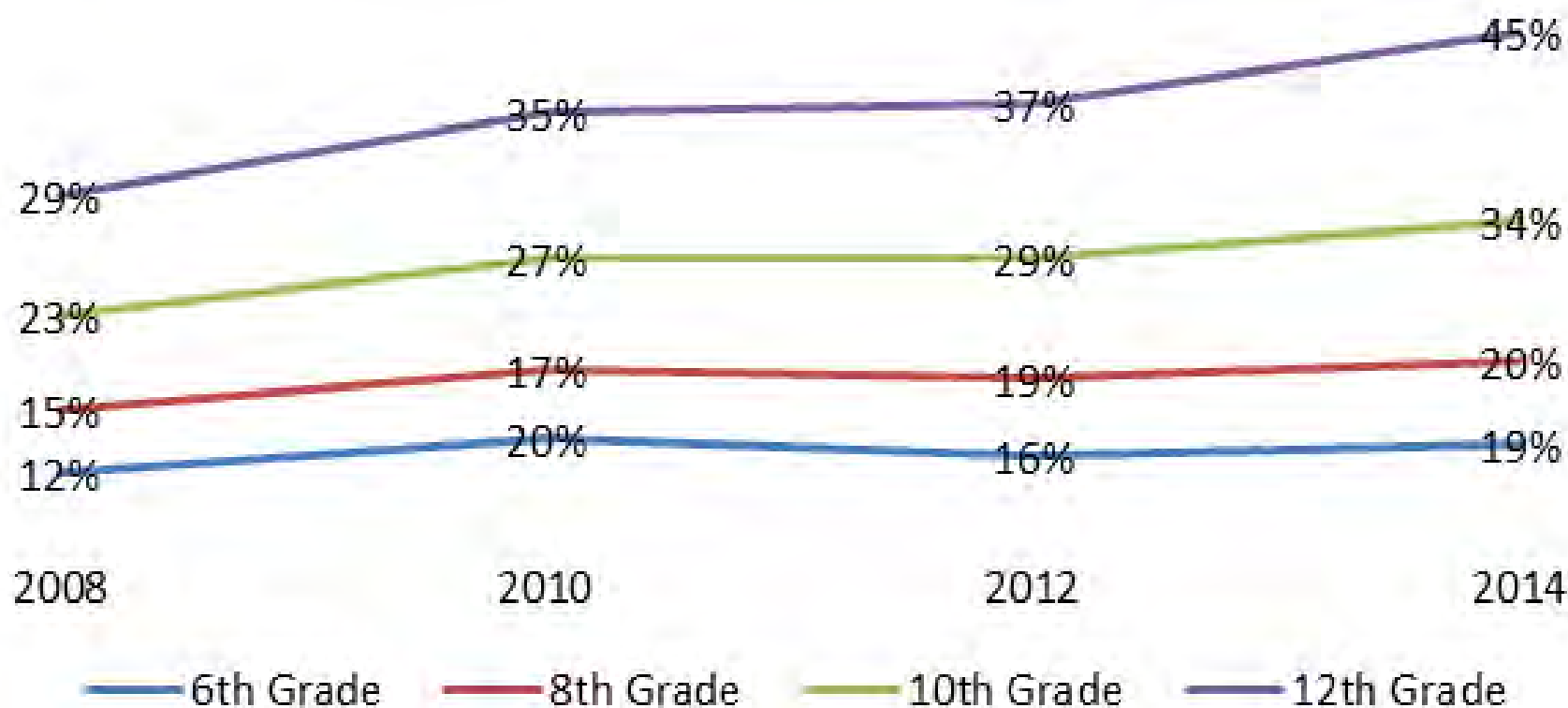
10th Grade Level of Marijuana Use



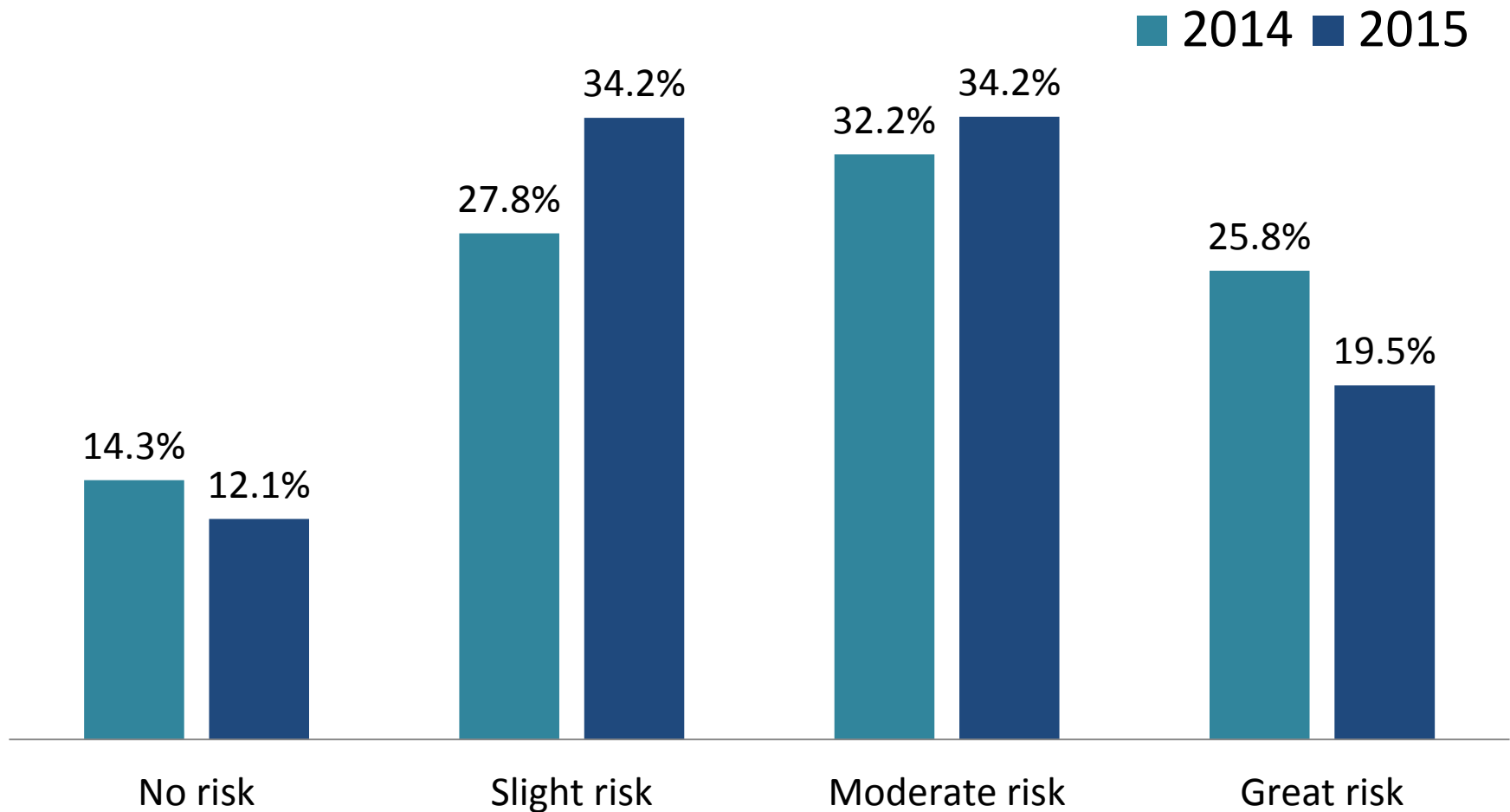
**Among 10th graders
who used marijuana in
the past 30 days,
almost 1 in 3 used for
10 or more days**



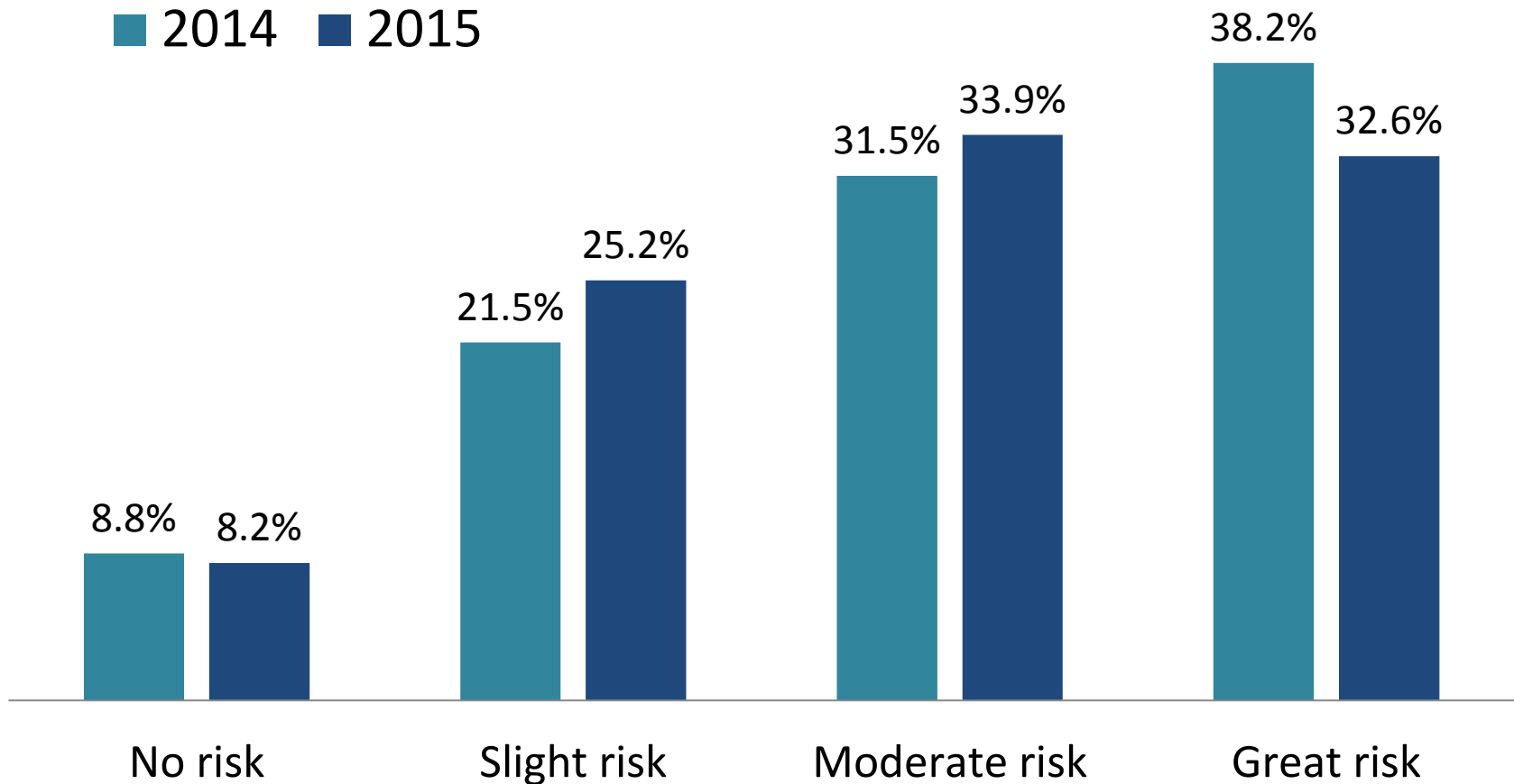
Percent who thought there was little or no risk of using marijuana regularly



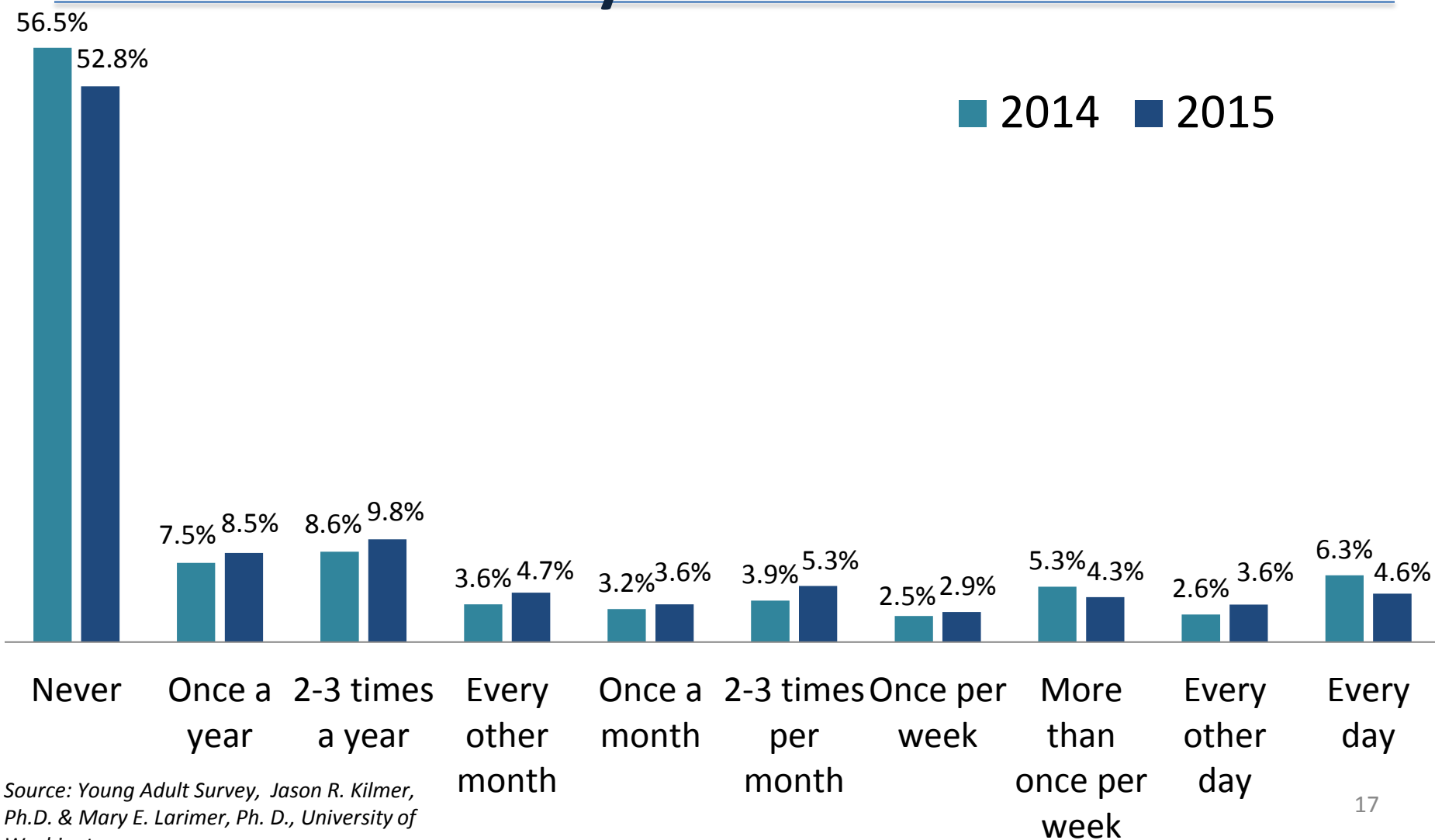
Perceived physical risk of regular marijuana use in 18-25 year olds



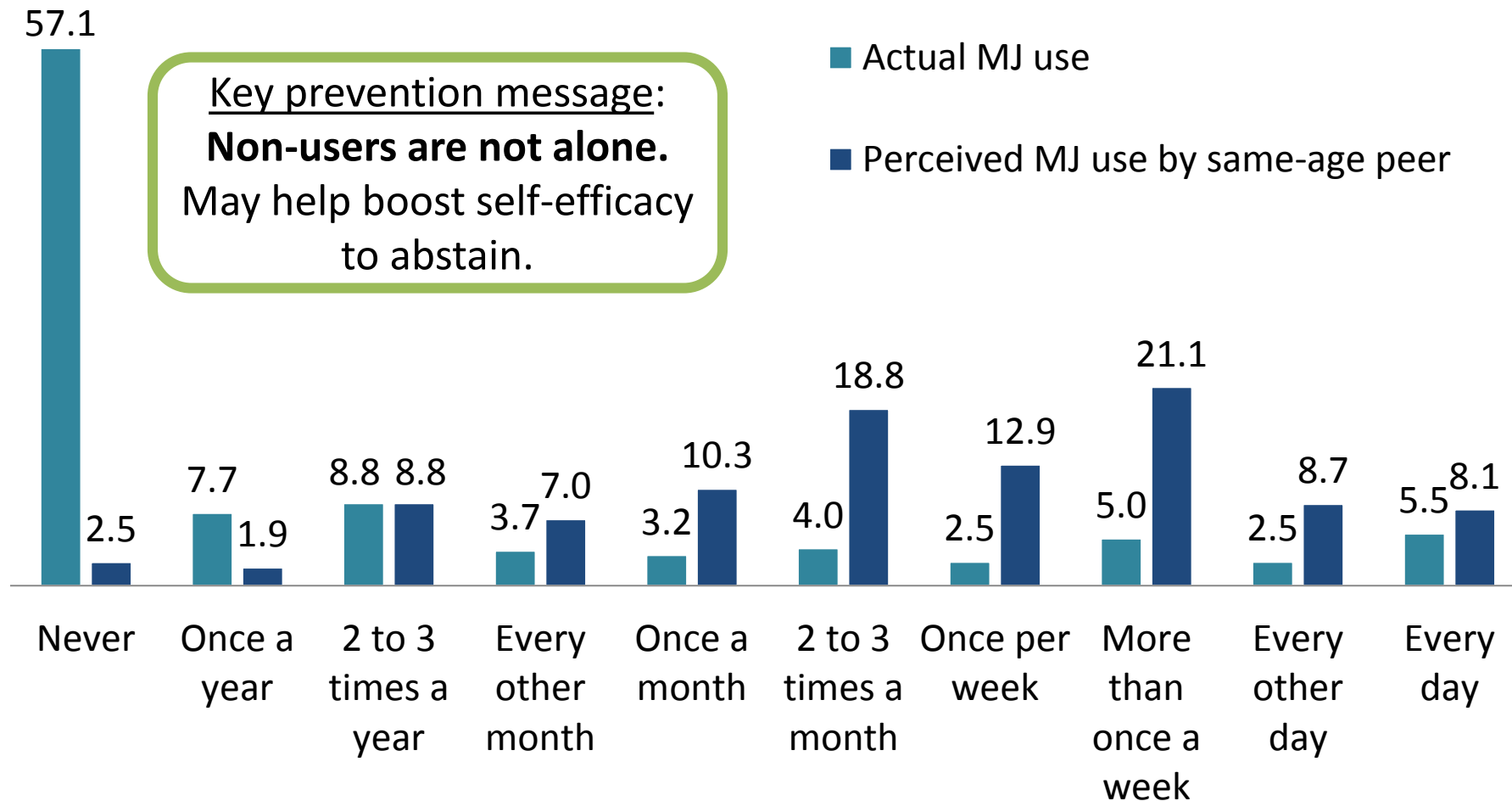
Perceived psychological/emotional/cognitive risk of regular marijuana use in 18-25 year olds



Past year recreational marijuana use in 18-25 year olds



Frequency of recreational cannabis use vs. perceived norms in 18-25 year olds



Revenue

...

Products and Edibiles

...

Edibles



Washington's Universal symbol

Oregon's Universal symbol



Marketing

...

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&



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|-----|---------------------------------|
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| TUE | SELECT OUNCES - \$140 |
| WED | 1/4TH-\$40 GRAMS - 2 for \$12 |
| THU | SELECT 1/8THS - \$25 |
| FRI | 1/4TH TOP SHELF - \$40 |
| SAT | 1/4TH-\$40 GRAMS - 2 for \$12 |
| SUN | TOP SHELF GRAMS - \$8 |

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REC (21+)

\$42 1/4THS*
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 \$9 G's ANY STRAIN
 \$63 TOP SHELF 1/4THS

*SELECT STRAINS

Recreational Daily Specials

| | |
|-----|---------------------------------|
| MON | SELECT 1/8THS - \$30 |
| TUE | TOP SHELF 1/8THS - \$35 |
| WED | 1/4TH-\$50 GRAMS - 2 for \$16 |
| THU | SELECT 1/8THS \$30 |
| FRI | 1/4TH TOP SHELF - \$70 |
| SAT | 1/4TH-\$50 GRAMS - 2 for \$16 |
| SUN | TOP SHELF GRAMS - \$10 |

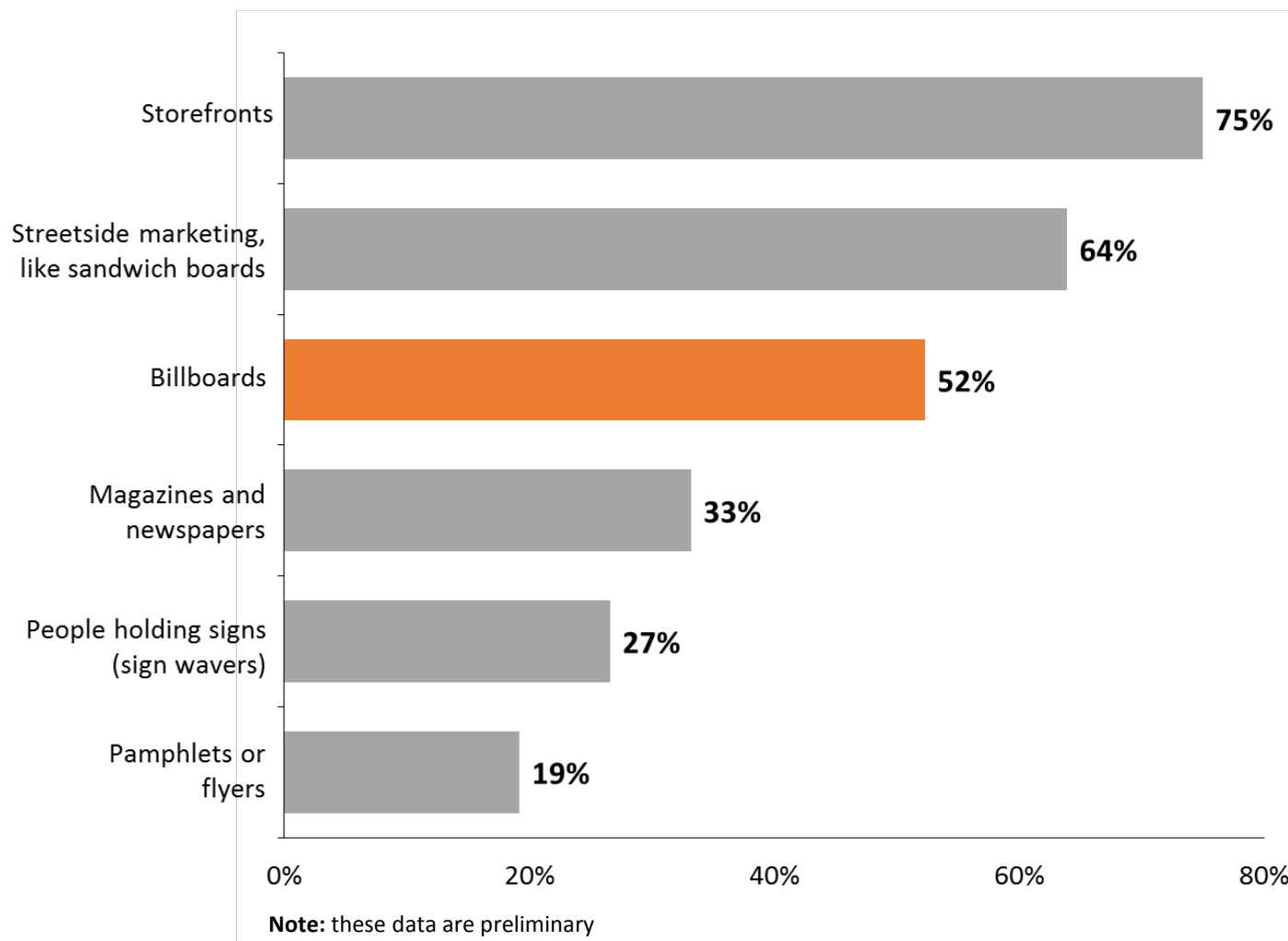
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20 Willamette Week JUNE 1, 2018 www.wweek.com



Type of marijuana advertising exposure among adults reporting seeing an ad in the past month, 2016

Three-in-four adults report seeing advertising on marijuana dispensary storefronts and about half of adults saw billboards for marijuana in the past month



Regulations

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Prevention's Role

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Education and Media Campaigns

Now that marijuana is legal for adults in Washington ...



A parent's guide to preventing underage marijuana use



Seattle Children's
HOSPITAL • RESEARCH • FOUNDATION

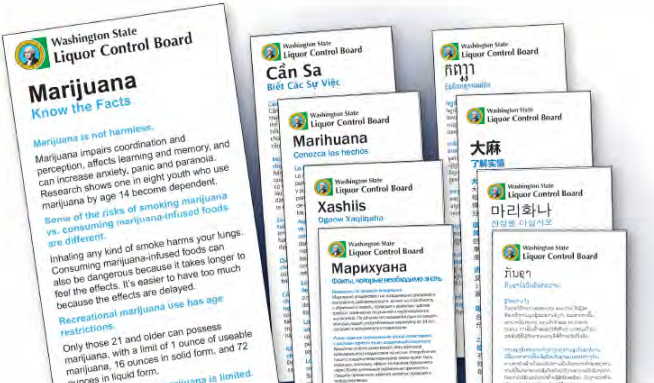


Social Development
Research Group

Extra Patrols On Now



**DRIVE HIGH
GET A DUI**



Washington State
Liquor Control Board

Marijuana
Know the Facts

Marijuana is not harmless. Marijuana impairs coordination and perception, affects learning and memory, can increase anxiety, panic and paranoia. Research shows one in eight youth who use marijuana by age 14 become dependent.

Some of the risks of smoking marijuana vs. consuming marijuana-infused foods are different.

Inhalant any kind of smoke harms your lungs. Consuming marijuana-infused foods can also be dangerous because it takes longer to feel the effects. It's easier to have too much because the effects are delayed.

Recreational marijuana use has age restrictions.

Only those 21 and older can possess marijuana, with a limit of 1 ounce of useable marijuana, 16 ounces in solid form, and 72 ounces in liquid form.


Medical use marijuana is limited.



**Marijuana Use in
Washington State**
An Adult Consumer's
Guide

What You Should Know

NOTE2SELFIE:
MARIJUANA COULD
MESS UP MY
GRADES.
THAT'S NOT A LESSON
I WANT TO
LEARN.



REMEMBER WHAT'S
IMPORTANT. FORGET
MARIJUANA.

USING MARIJUANA CAN IMPAIR LEARNING, MEMORY
AND CAN GET YOU BARRED OR FINEDED TO EVEN
GET INTO COLLEGE - PUTTING WHAT YOU WANT TO DO
AND HOW YOU WANT TO BE AT RISK.

LISTEN2YOURSELFIE.ORG



Alaska Department of
Health and Social Services

Get the Facts About Marijuana

Data & Statistics

Learn More

Using Too Much?

Know the Law

Parents & Adults

Get the facts for your family.

Learn more about the health effects of marijuana.





Marijuana is legal in Alaska. Here are some things you need to know.

21

**If you're under 21,
it's illegal to use or
possess marijuana.**

Who is allowed to use marijuana?

Anyone age 21 and older can legally possess or consume marijuana. It is illegal to give marijuana to anyone under the age of 21, unless they have a valid medical marijuana card.



**Marijuana can affect
people differently.**

Know your limits.

Marijuana affects everyone differently based on things like on body type and history of use.



**Higher than you
might think.**

Careful. It can sneak up on you.

These aren't your grandma's brownies — THC levels can be much, much higher in today's marijuana products. And the effects of marijuana can be significantly delayed, particularly with edibles.



**You can't drive
impaired. Driving
high is a DUI.**

Don't consume and drive.

Driving while impaired is illegal. It doesn't matter what substance you are using. If you are not sure whether you are impaired, do not drive.



**Do not use if you
are pregnant or
breastfeeding.**

Marijuana poses a potential risk to the baby.

Steer clear if you are pregnant or nursing. Marijuana may be harmful to developing brains. Smoking marijuana or consuming edible cannabis products can expose your baby to potentially harmful substances.



**Stash it safely
away from kids
and pets.**

Lock it up.

If you have young children or teenagers at home, store your marijuana in a child-resistant container and make it inaccessible to them.

If children accidentally eat or drink marijuana, it can make them very sick. If you suspect your child has consumed marijuana call the poison control hotline at 1-800-222-1222. If someone has a severe reaction after consuming marijuana, call 911 or go to an emergency room right away.



To learn more visit www.marijuana.dhss.alaska.gov

Youth marijuana prevention campaign

STAY
TRUE
TO YOU

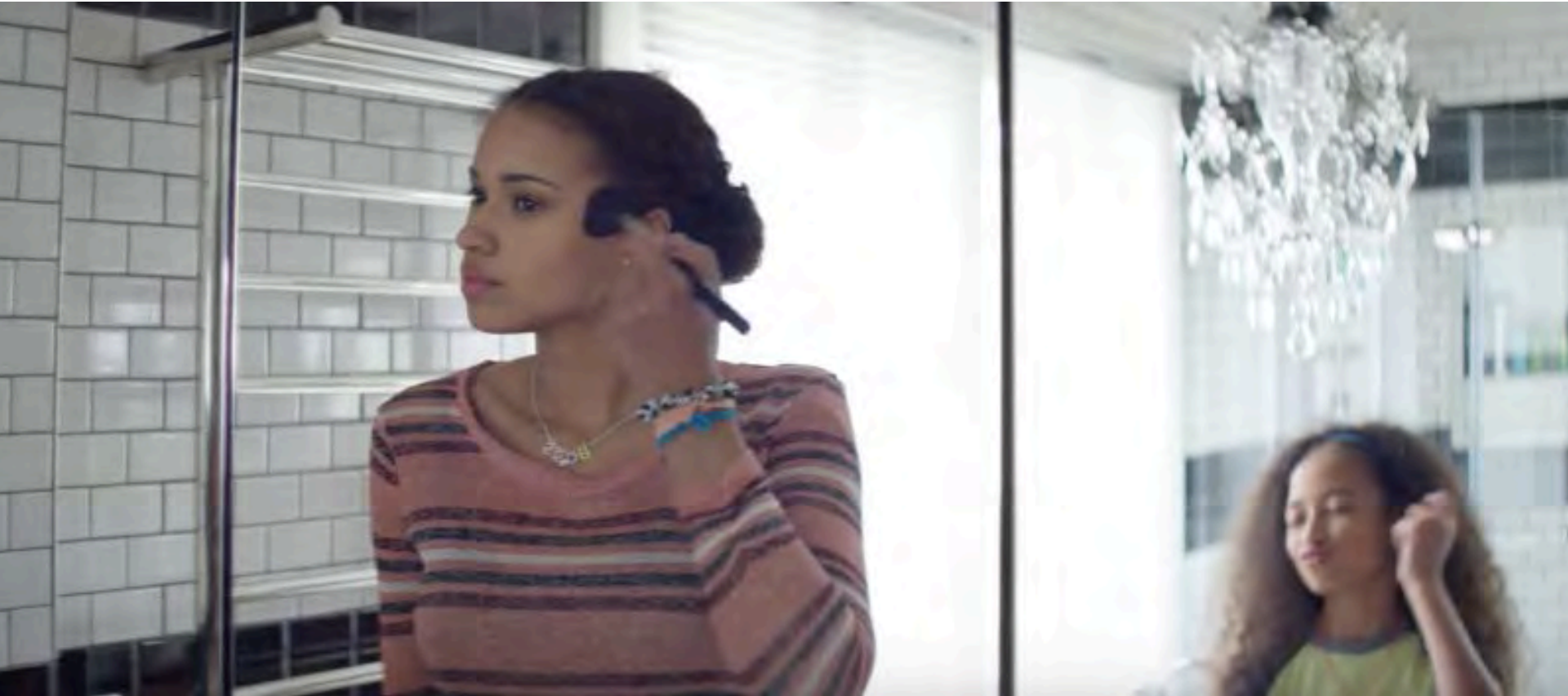
HOME CONSEQUENCES HEALTH EFFECTS ASK

BEING A TEENAGER IS
HARD ENOUGH.

I'M NOT SURE POT WOULD HELP.

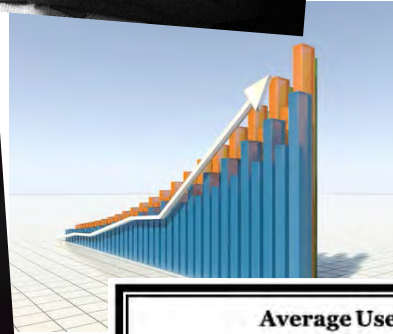
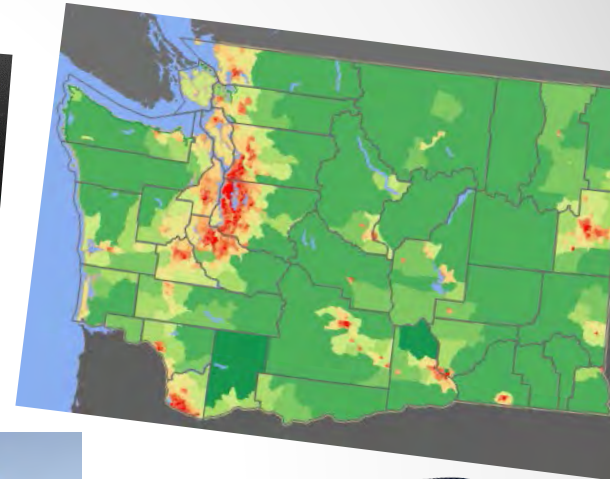


Whether you know it or not, people look up to you.

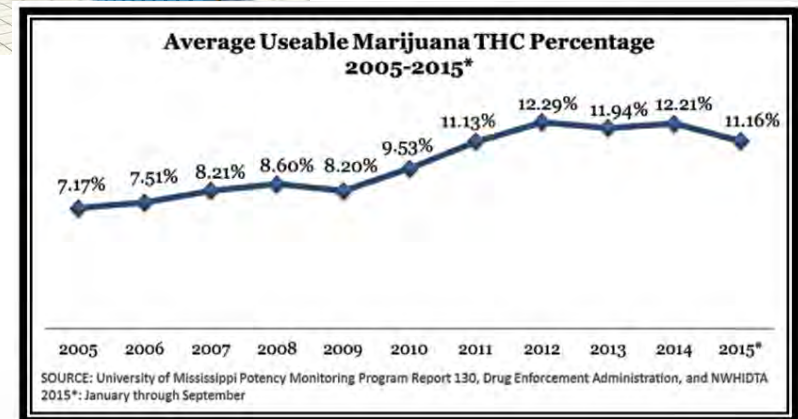


Lessons Learned and Going Forward ...

Lessons Learned



**PREVENTION
WORKS!**





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Study Explores Evolution of U.S. Marijuana Market & Reveals Demographics of Current Users

study finds

many



ST

AAA: 'Legal Limits' For Marijuana And Driving Are Meaningless; Fatal Crashes Double After Legalization



Thank You!

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