



# Lobby Question & Poll

As you enter the Zoom room, please post in the chat:

- Your name, organization, and physical location
- What is one thing you're hoping to learn today?

Poll Question: How familiar are you with Monitoring the Future data?



Northwest (HHS Region 10)

PTTC

Prevention Technology Transfer Center Network

Funded by Substance Abuse and Mental Health Services Administration

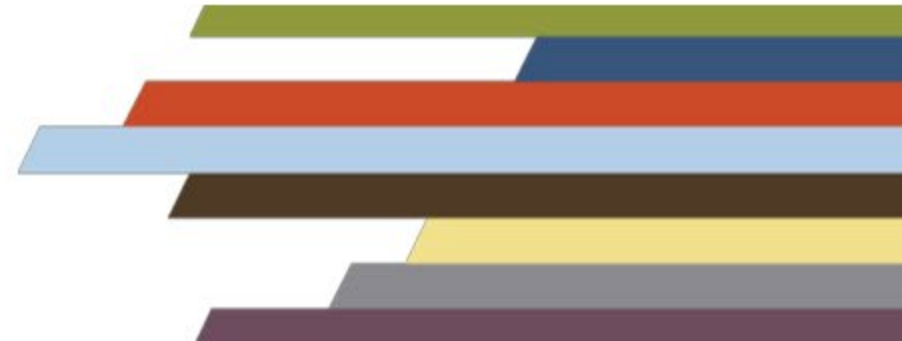


# Monitoring the Future – What is going on with the data?

*Brittany Cooper, PhD*

*Kevin Haggerty, MSW, PhD*

*Megan Patrick, PhD*





Northwest (HHS Region 10)

**PTTC**

Prevention Technology Transfer Center Network  
Funded by Substance Abuse and Mental Health Services Administration



The Northwest PTTC is a partnership led by the Social Development Research Group (SDRG) at University of Washington (UW) School of Social Work in collaboration with the Prevention Science Graduate Program at Washington State University (WSU), and the Center for the Application of Substance Abuse Technologies (CASAT) at the University of Nevada, Reno (UNR).

Northwest partnering institutes share a vision to expand the impact of community-activated prevention by equipping the prevention workforce with the power of prevention science.



Prevention Science  
Graduate Program  
WASHINGTON STATE UNIVERSITY



# Disclaimer

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This webinar is being recorded and archived, and it will be available for viewing after the webinar. Please contact the webinar facilitator if you have any concerns or questions.

# UPCOMING EVENTS

- **La Estrategia de Desarrollo Social: En español**

## **Building Protection Using The Social Development Strategy (SDS)**

July 12, 2023 thru July 26, 2023 11:00 am- 12:00pm US/Pacific

- **Building Protection Using The Social Development Strategy (SDS)**

July 13, 2023 thru July 13, 2023 11:00- 12:30 US/Pacific

- **In-Person, Introduction to The Prevention Core Competencies  
for Prevention Professionals**

July 31, 2023 thru August 2, 2023 18:30 -5:00 US/Pacific

Tacoma, WA

We acknowledge that we are all on the traditional lands of different peoples. I live and work on the ancestral lands of the Costal Salish People. We have a responsibility to acknowledge our Indigenous connections and the histories of Indigenous land dispossession.

To identify the stewards of your land, type your location into <https://native-land.ca/>





Kevin Haggerty, PhD, MSW  
University of Washington,  
School of Social Work



Brittany Cooper, PhD  
Washington State University  
Human Development



Megan Patrick, PhD  
University of Michigan  
Survey Research Center

# A bit about us...

# About this session....

This is intended to be a **conversation rather than a presentation** to more deeply explore trends in substance use among youth.

- Overview of the Monitoring the Future (MTF)

- Some context setting with the MTF Data

- And what do we do about Fentanyl?

Please put questions & comments in the chat as they arise.



# Monitoring the Future (MTF)



- MTF is a long-standing project at the Institute for Social Research, University of Michigan
- Purpose: Examine changes in beliefs, attitudes, and substance use behaviors among adolescents, young adults, and midlife adults in the US
- Nationally representative annual 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade student surveys (~40,000 students in ~400 public and private secondary schools)
  - 12<sup>th</sup> graders since 1975
  - 8<sup>th</sup> and 10<sup>th</sup> graders since 1991
- Longitudinal follow-up surveys of 12<sup>th</sup> grade sub-sample (~2,400 individuals annually) through age 65

# The MTF Data Dashboard....

<https://monitoringthefuture.org/data/index.html>

# True or False?

- Trends suggest a long term decline in tobacco use, alcohol use, and most illegal drug use among high school youth.
- Youth cannabis use has increased along with legalization (medical and retail) in 31 states.
- More young people are graduating from high school drug free than any time since 1975.
- Youth fentanyl use and overdoses are increasing. True or False?

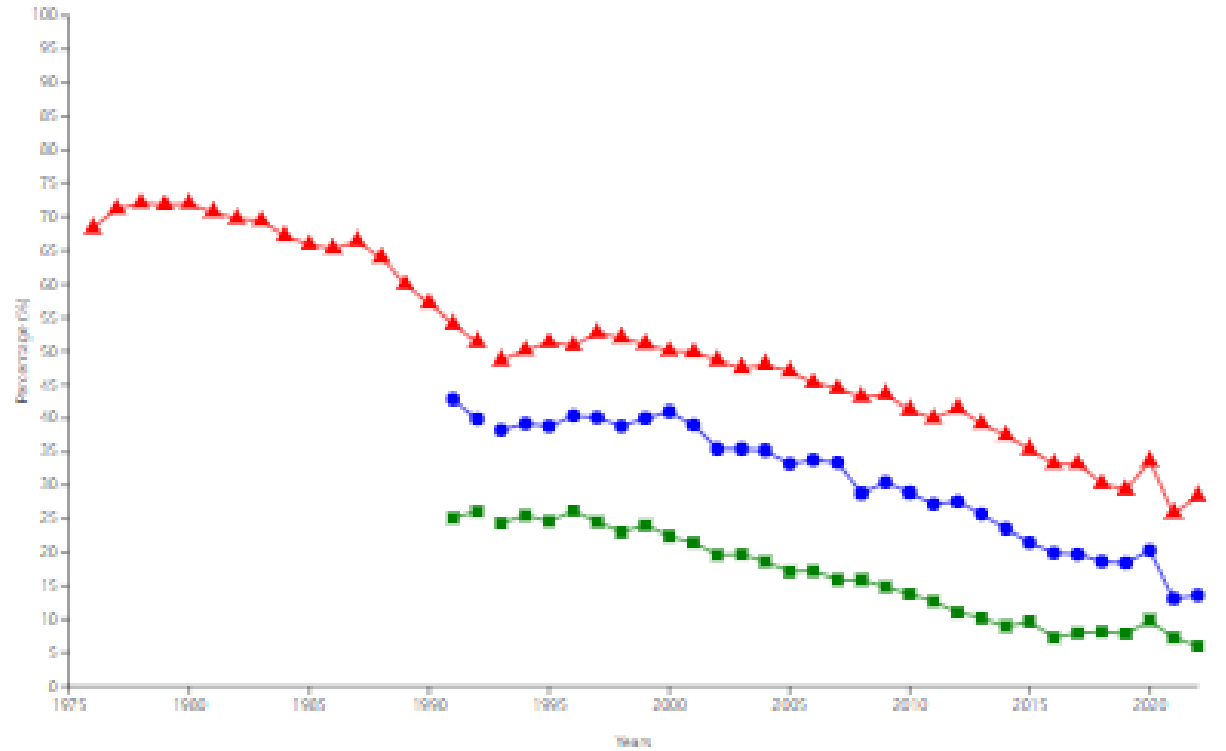
# Key Take Aways....

- Trends suggest a long term decline in tobacco use, alcohol use and most illegal drug use among high school youth.
- Youth cannabis use has stayed relatively flat, despite legalization (medical and retail) in 31 states.
- More young people are graduating from high school drug free than any time since 1975.
- Despite the promising trend, youth fentanyl use and overdoses are increasing.....
- **What do we do?**

Search Drug:

### Alcohol: Trends in Last 30 Days Prevalence of Use in 8th, 10th, and 12th Grade

■ 8th Grade   ● 10th Grade   ▲ 12th Grade



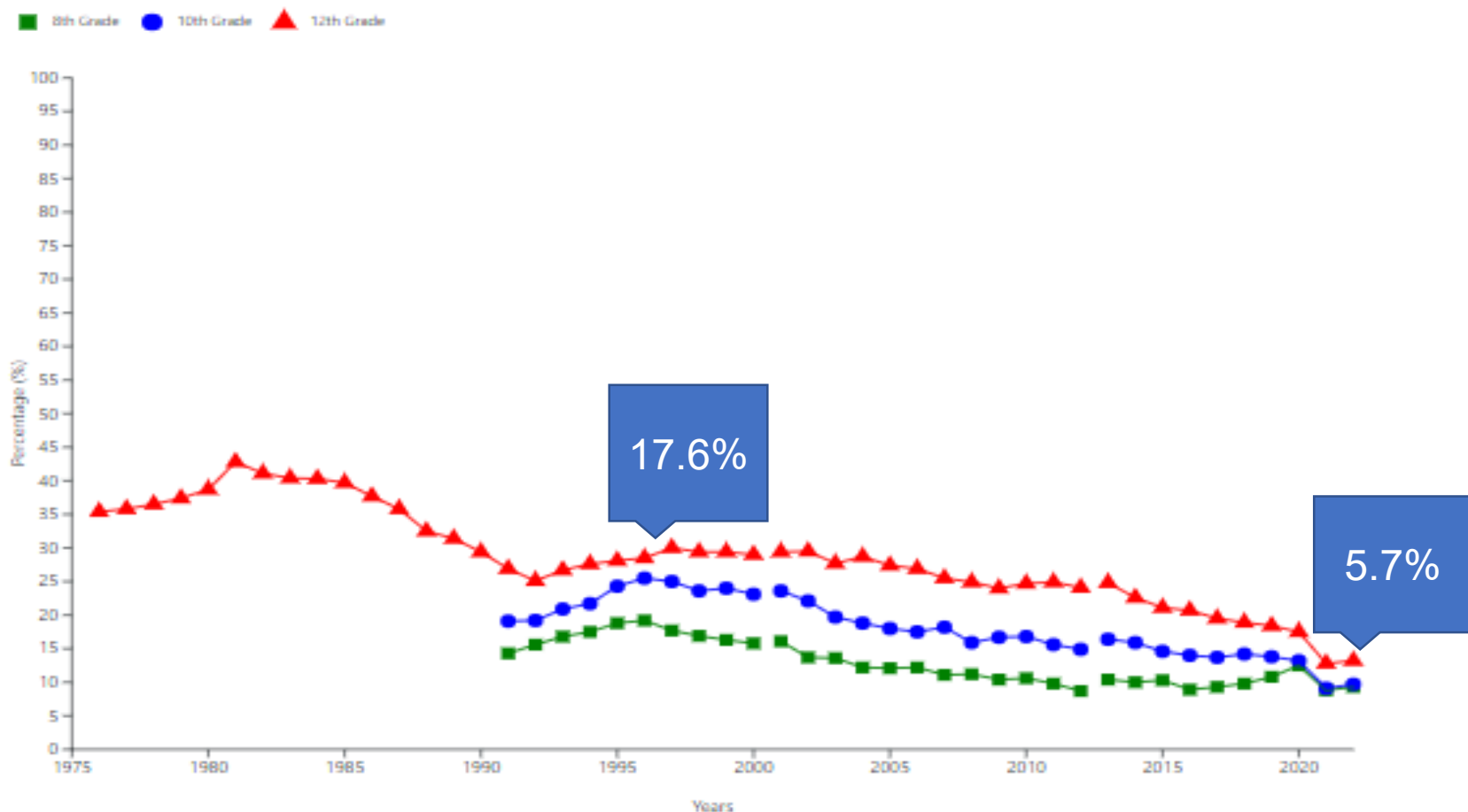
Suggested citation: Miech, R. A., Johnston, L. D., Patrick, M. E., O'Malley, P. M., Bachman, J. G., & Schulenberg, J. E. (2023). Monitoring the Future National Survey Results on Drug Use, 1975–2022: Secondary School Students. Ann Arbor: Institute for Social Research, The University of Michigan. Available at <https://monitoringthefuture.org/results/publications/monographs/>

Zoom In

Lifetime    Last 12 Months    Last 30 Days    Daily    Binge

Search Drug:

## Any Illicit Drug other than Marijuana: Trends in Lifetime Prevalence of Use in 8th, 10th, and 12th Grade

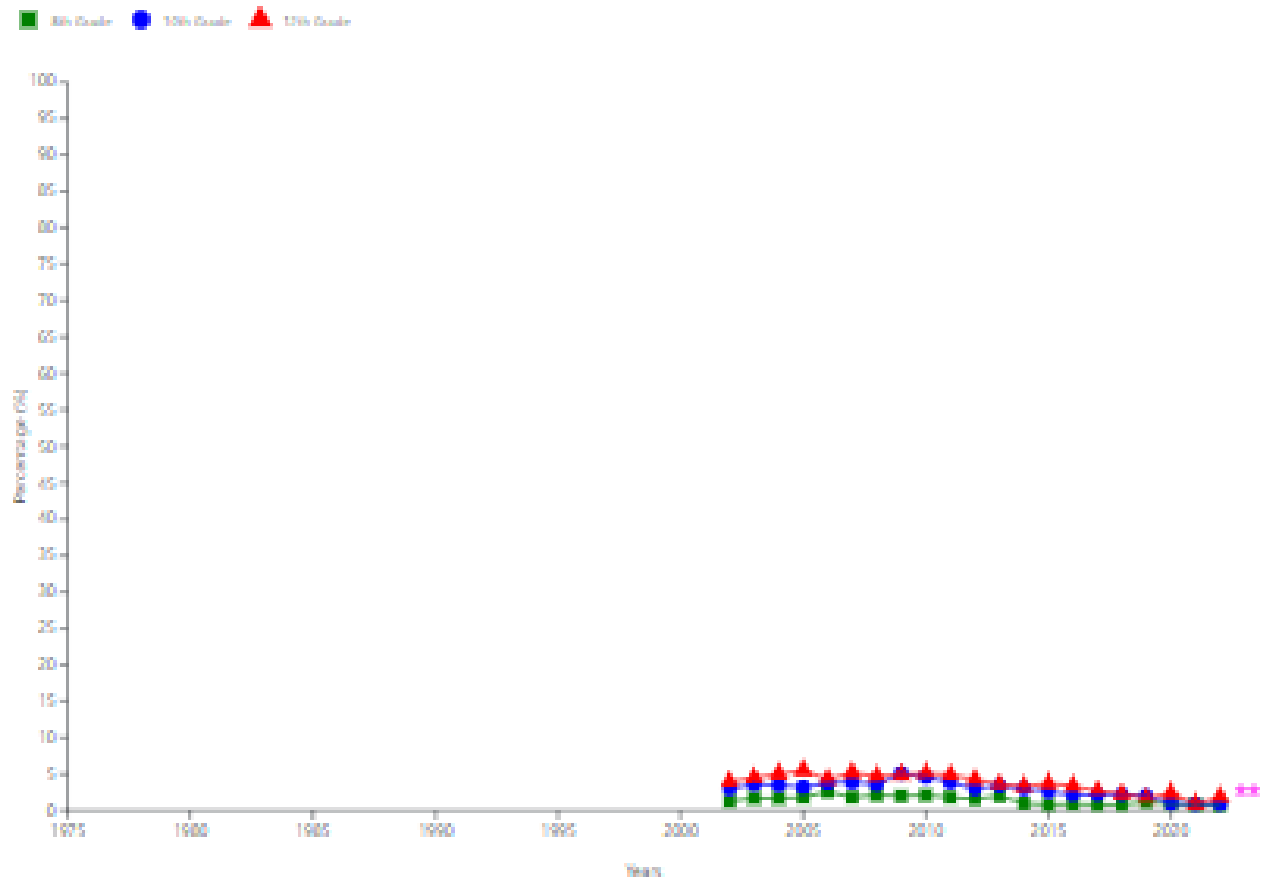


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Lifetime  Last 12 Months  Last 30 Days

Search Drug:

## OxyContin: Trends in Last 12 Months Prevalence of Use in 8th, 10th, and 12th Grade



Suggested citation: Miech, R. A., Johnston, L. D., Patrick, M. E., O'Malley, P. M., Bachman, J. G., & Schulenberg, J. E. (2023). Monitoring the Future National Survey Results on Drug Use, 1975–2022: Secondary School Students. Ann Arbor: Institute for Social Research, The University of Michigan. Available at <https://monitoringthefuture.org/results/publications/monographs/>

Zoom In

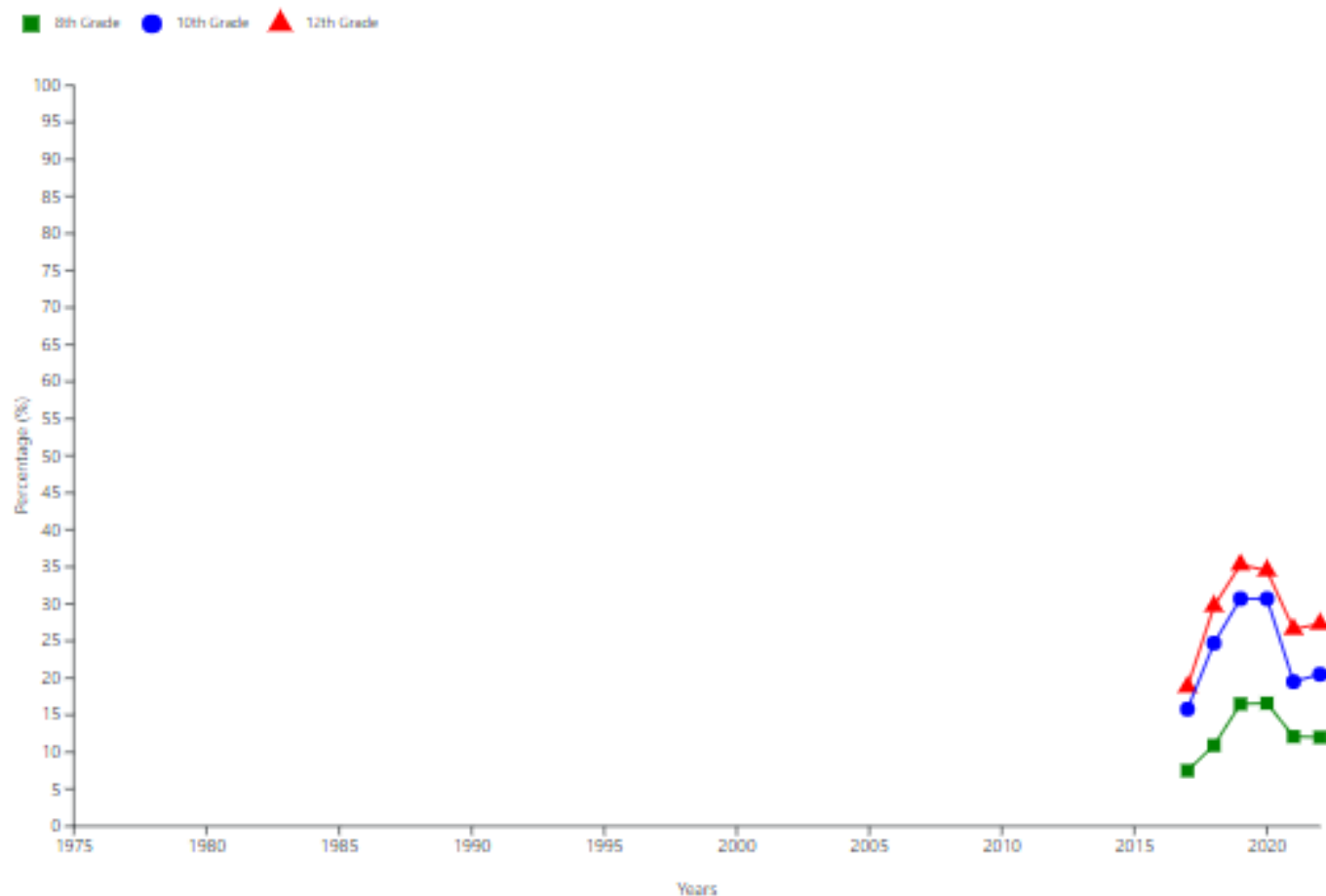
📅 Last 12 Months

Search Drug:

Vape Nicotine (E-cigarettes)

Submit

## Vape Nicotine (E-cigarettes): Trends in Last 12 Months Prevalence of Use in 8th, 10th, and 12th Grade



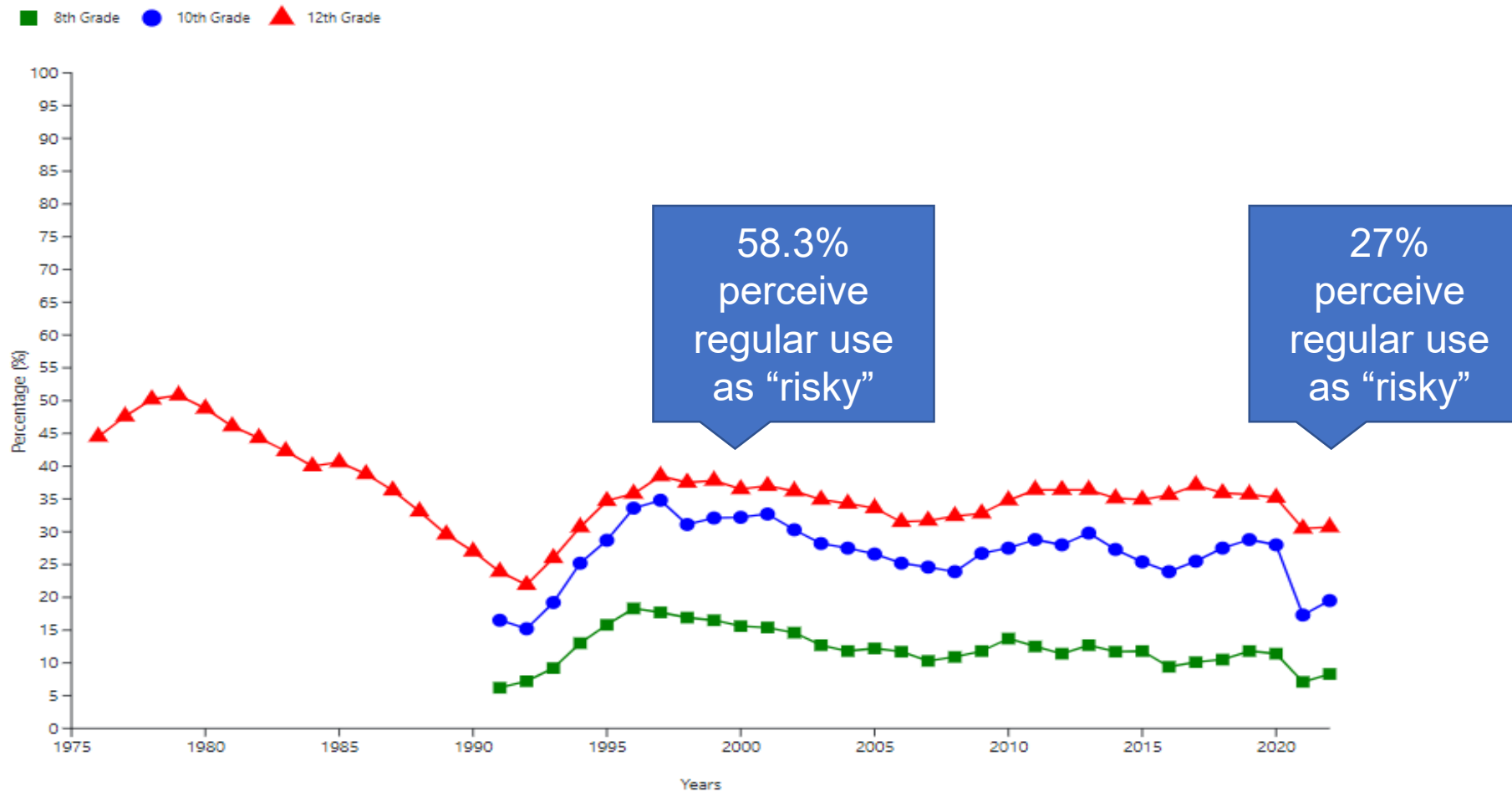
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Zoom in

Lifetime  Last 12 Months  Last 30 Days  Daily



## Marijuana: Trends in Last 12 Months Prevalence of Use in 8th, 10th, and 12th Grade



Suggested citation: Miech, R. A., Johnston, L. D., Patrick, M. E., O'Malley, P. M., Bachman, J. G., & Schulenberg, J. E. (2023). Monitoring the Future National Survey Results on Drug Use, 1975–2022: Secondary School Students. Ann Arbor: Institute for Social Research, The University of Michigan. Available at <https://monitoringthefuture.org/results/publications/monographs/>

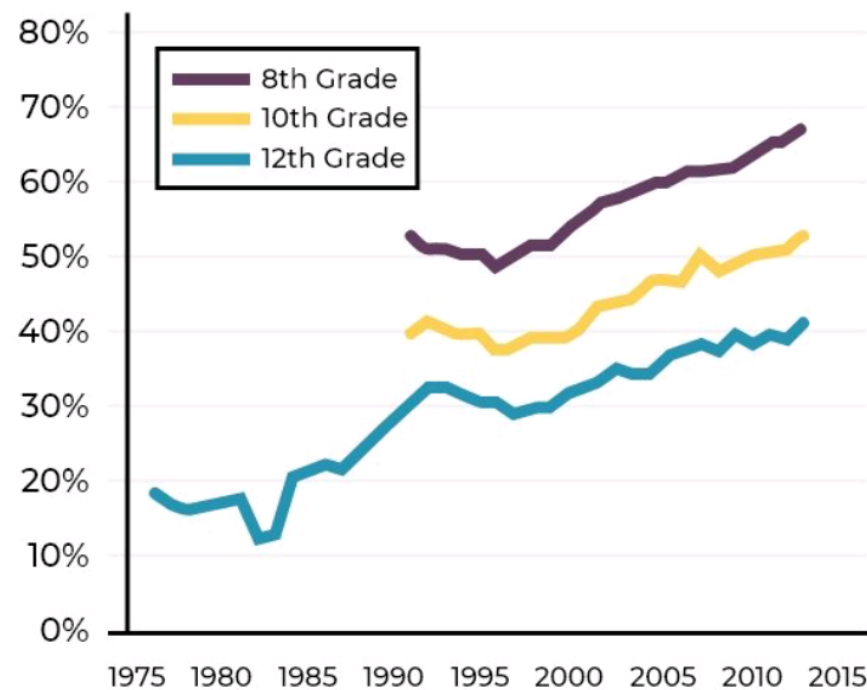
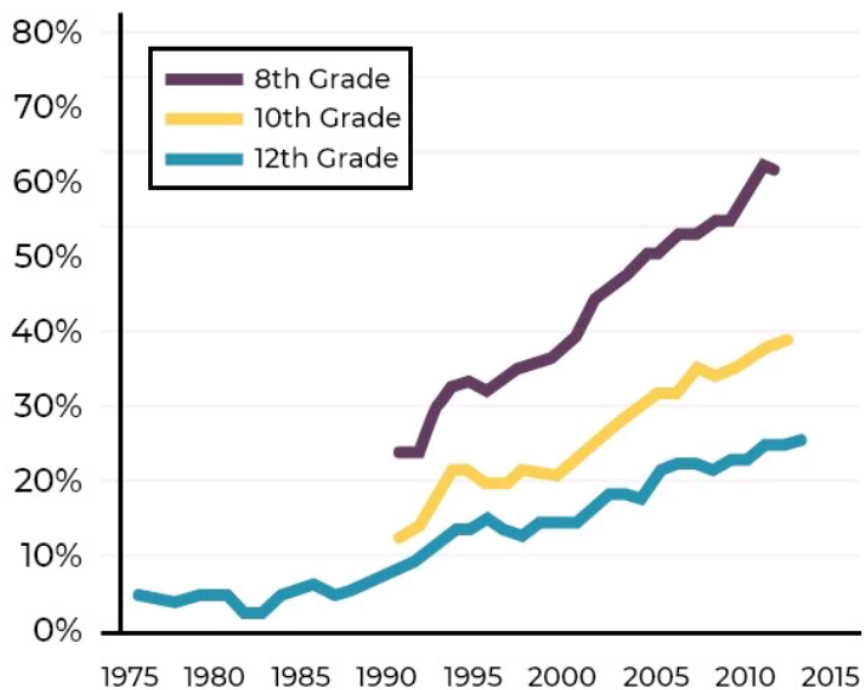
Zoom in

Lifetime 
  Last 12 Months 
  Last 30 Days 
  Daily 
  Ever Daily for a Month

2021-2022 Change Level of Significance: \*= $p < .05$ , \*\*= $p < .01$ , \*\*\*= $p < .001$ .

Please see footnote: bb.11

# Important fact: More youth graduate drug free than at any time since 1975



**LIFETIME NO USE**

**PAST MONTH NO USE**

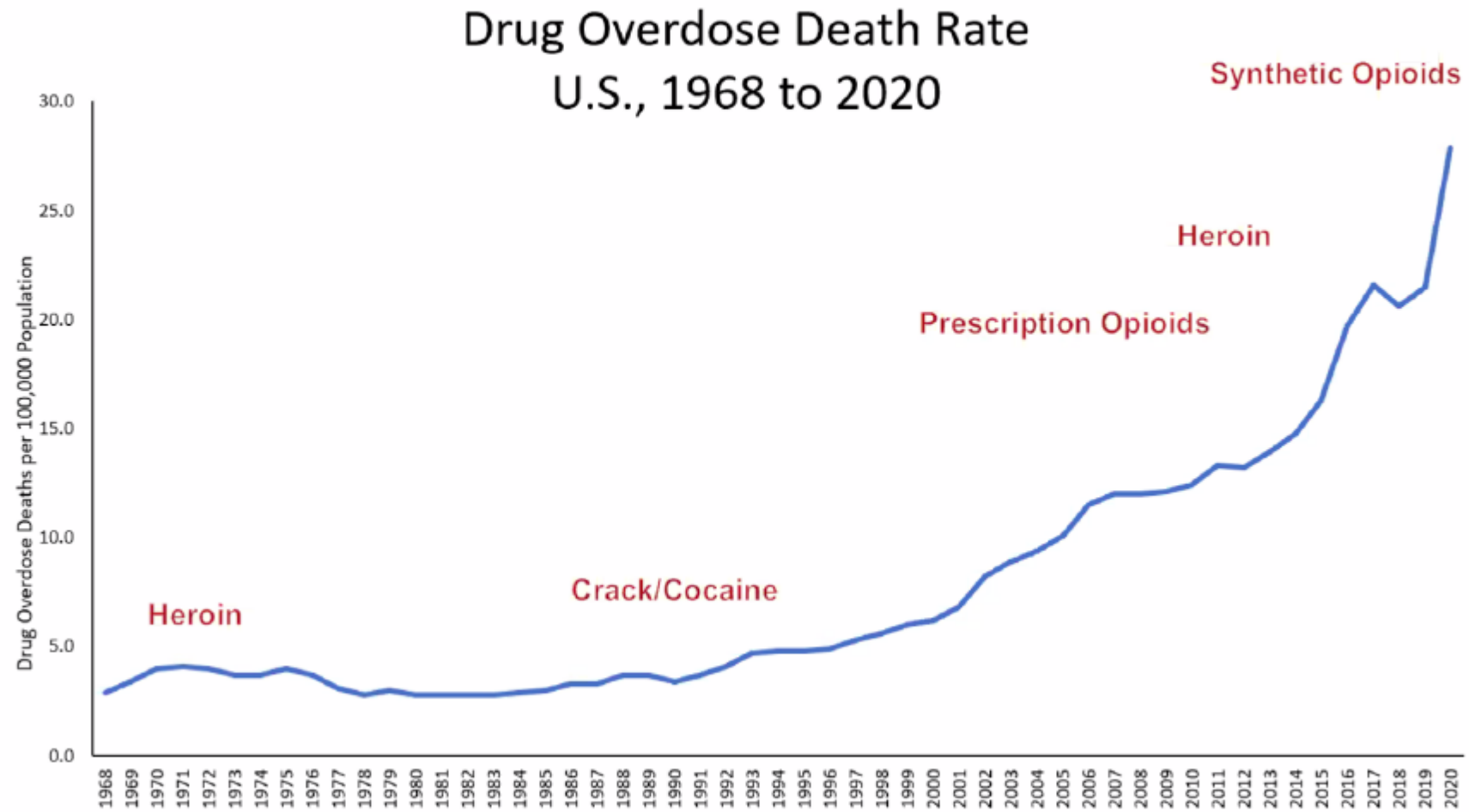
No Use of Alcohol, Cigarettes, Marijuana and Other Illicit Drugs: Grades 8, 10, 12





The paradox....you'd think...

# Trajectory of the U.S. Overdose Crisis



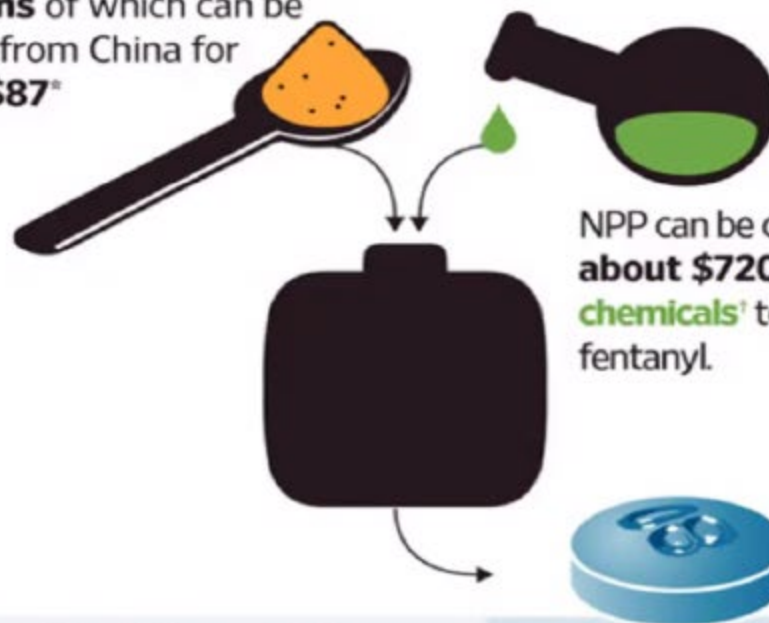
Source: CDC WONDER National Vital Statistics System, 2021.

# ECONOMICS: CHEAP Fentanyl Precursor Chemicals

## Criminal Chemistry

Traffickers manufacturing fentanyl often purchase the key ingredient from China, which doesn't regulate its sale. Here's how the chemical building blocks become a highly profitable street drug.

The key ingredient is **NPP**,  
**25 grams** of which can be  
bought from China for  
about **\$87\***



NPP can be combined with  
about **\$720** of **other  
chemicals†** to produce  
fentanyl.

The resulting 25 grams of  
fentanyl cost about **\$810** to  
produce...

...and are equivalent to up to  
**\$800,000** of pills on the black  
market.

\*Average current price from Chinese suppliers

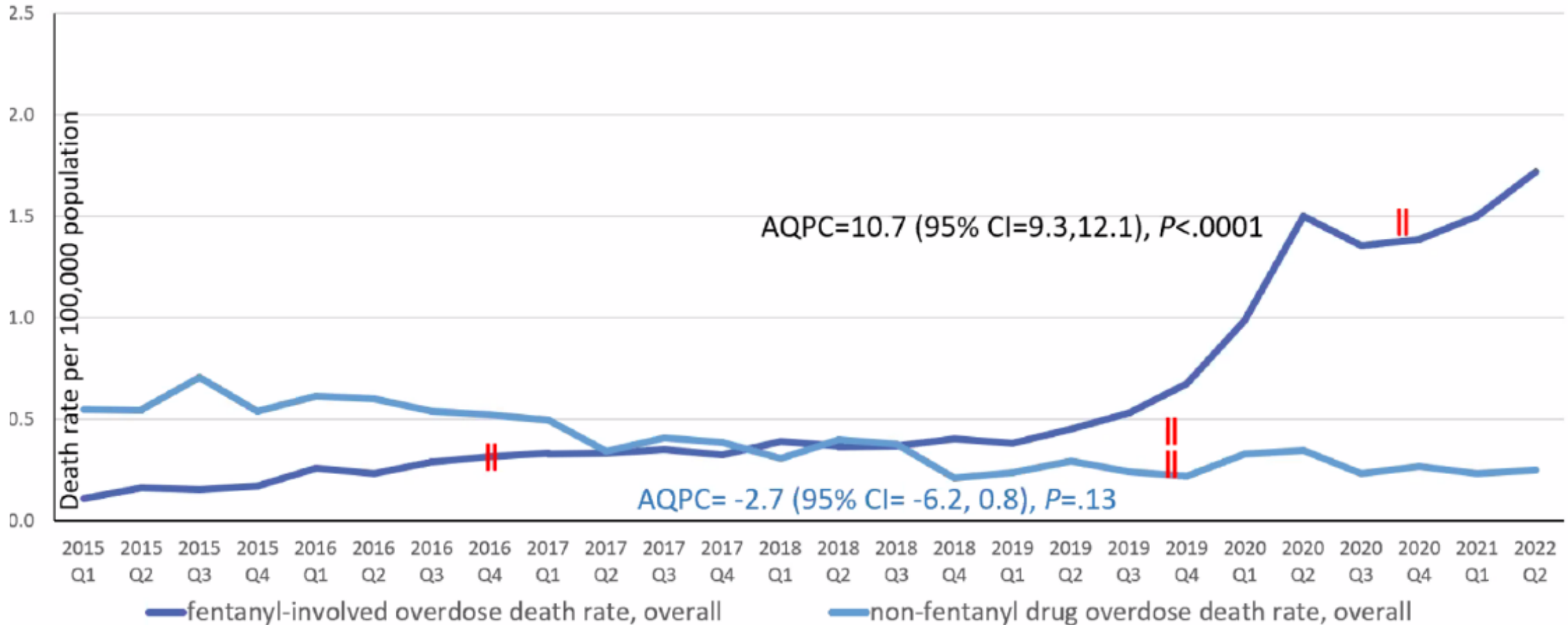
†Prices from U.S. suppliers

Sources: NES Inc.; Drug Enforcement Administration;  
Calgary Police

THE WALL STREET JOURNAL.

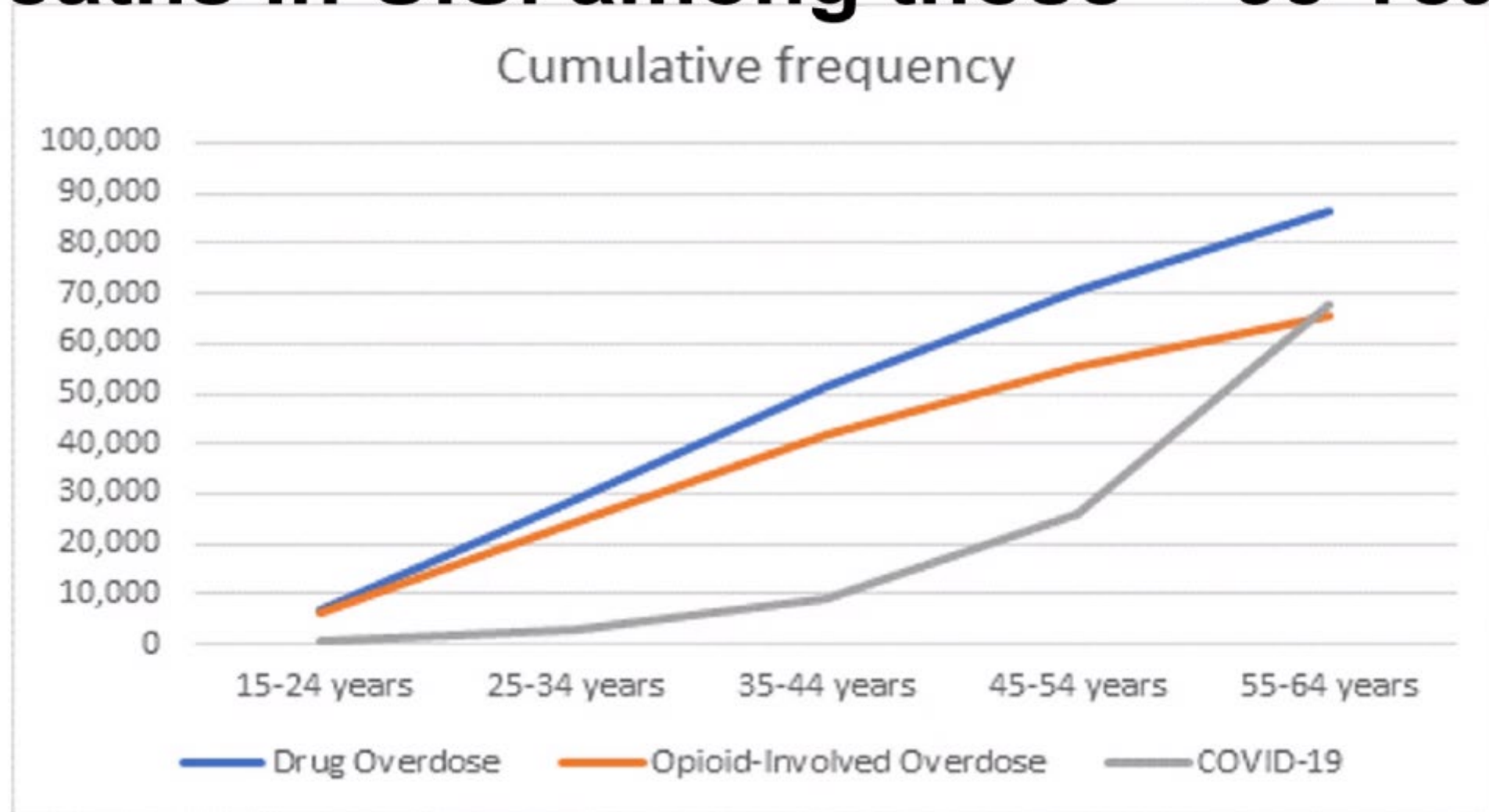
# Fentanyl-involved and Non-fentanyl Overdose Death Rates In US Youth Aged 15-19 Prior To and During The COVID Pandemic

e



National Vital Statistics System multiple-cause-of-death 2015-2020 final and 2021 provisional data U.S. census monthly data. ||: Joinpoints indicate significant changes in nonlinear trends using Bayesian Information Criterion. AQPC=average quarter percentage change during 2015 Q1-2022 Q2. ICD-10 cause of death code: synthetic opioids other than methadone (T40.4, primarily fentanyl and analogs).

# Overdose Deaths Outpace COVID-19 Deaths in U.S. among those < 65 Years

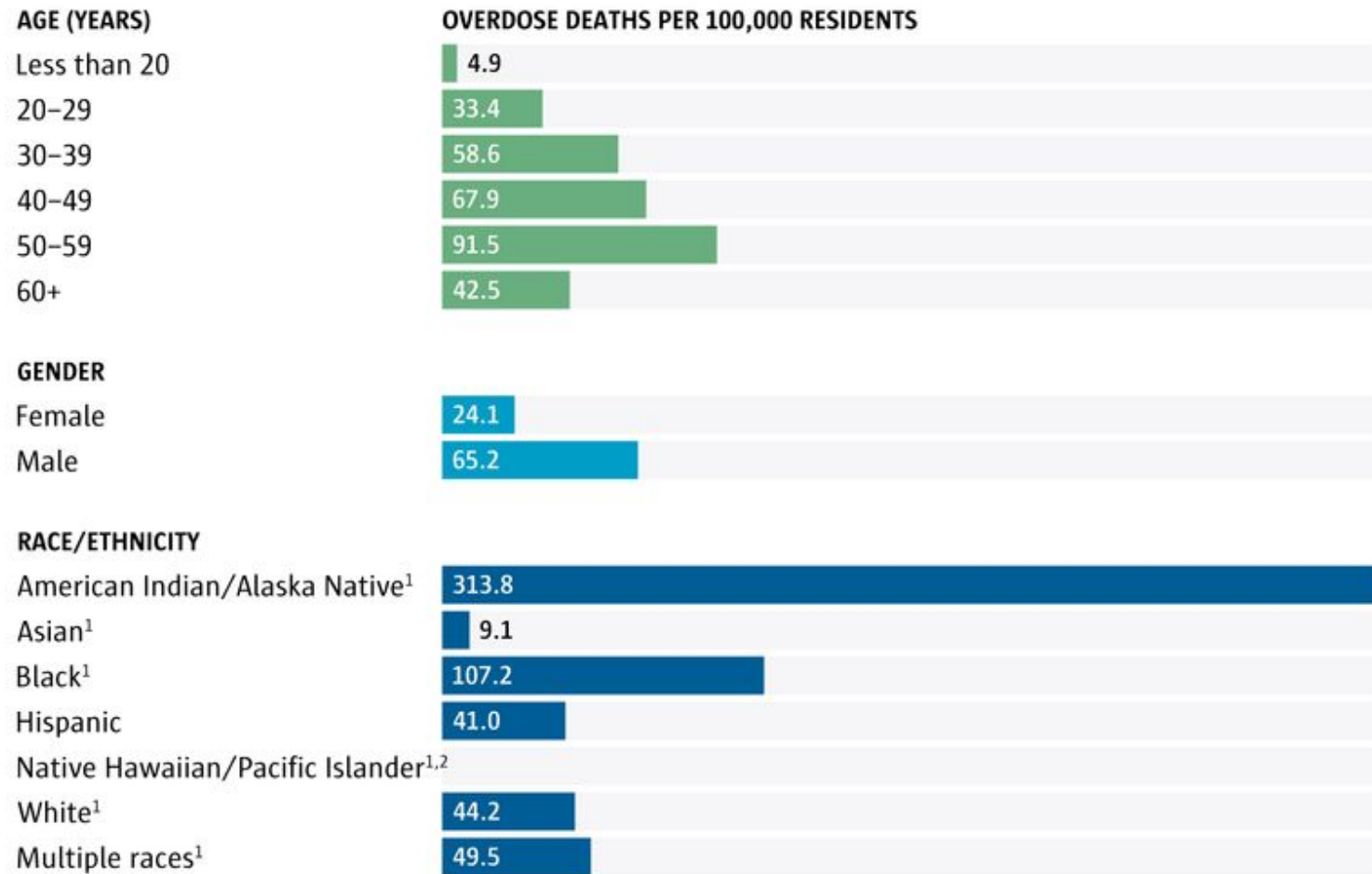




# CAUTION!!

## Distribution of overdose deaths in King County in 2022

Vulnerable populations were disproportionately affected by the drug epidemic, especially American Indian/Alaska Native and Black communities. Overdoses were also more common among males and older adults.



Less than 1% of 10<sup>th</sup> graders report use of Heroin or Oxy

BUT.....

After high school....these rates go up!

<sup>1</sup> Non-Hispanic

# Don't throw the baby out with the bathwater!



The urgency of this public health crisis and the escalating danger of the illicit drug supply point to a need for a greatly expanded focus on [prevention](#).

Nora Volkow, Director, National Institute of Drug Abuse