

Technology and Opioids

Craig Norquist, FACEP FAMIA

CMIO HonorHealth

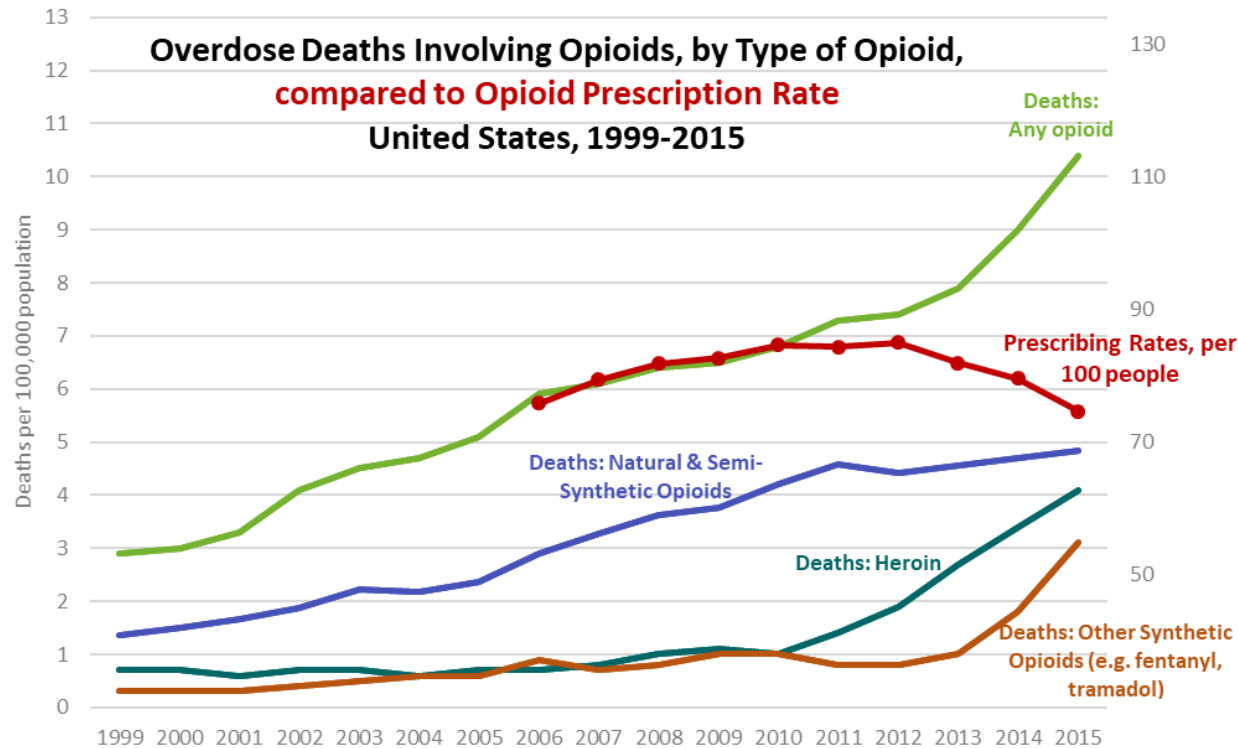
Past President AzCEP

Prescriber Response

Decrease in prescribing rates

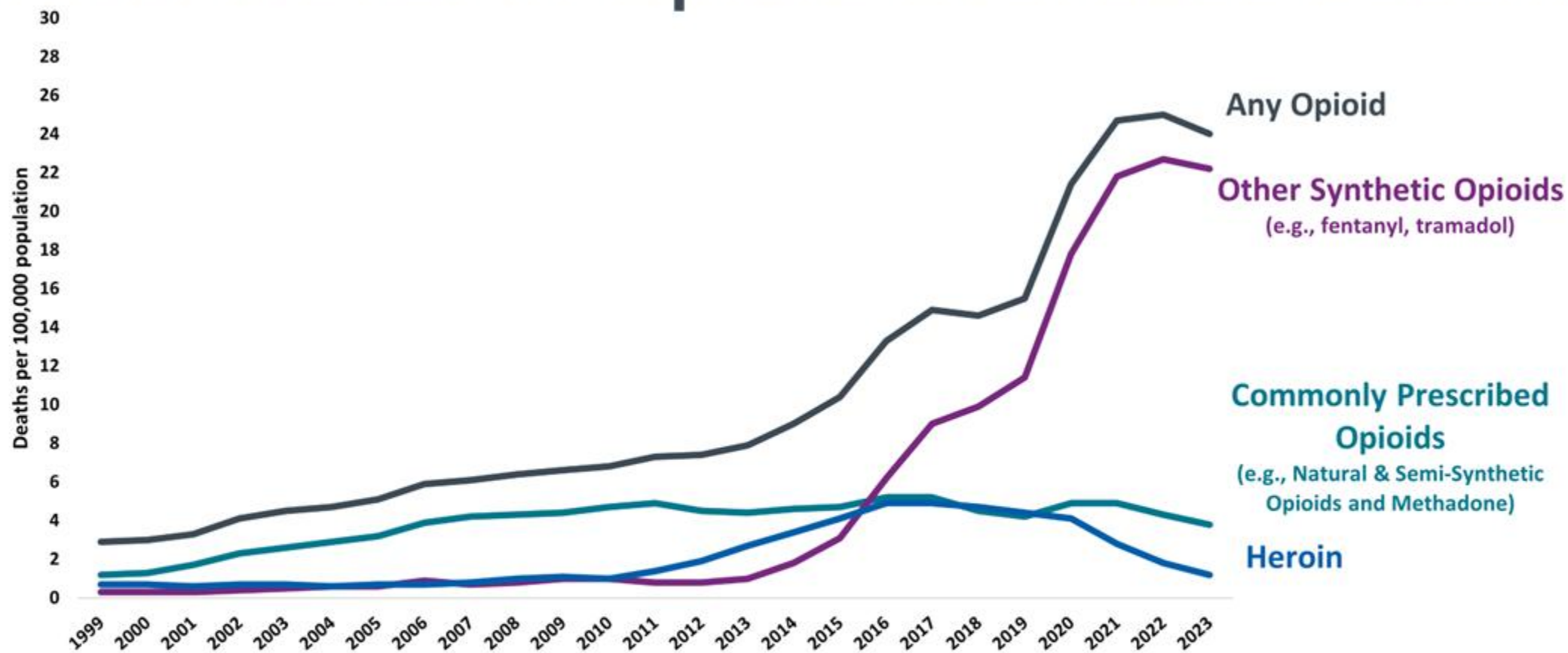
Patients with opioid use disorder turn to illicit use

Overdose deaths continue to increase



Source: <https://wonder.cdc.gov/mcd.html>

Three Waves of Opioid Overdose Deaths



Wave 1: Rise in Prescription Opioid Overdose Deaths Started in the 1990s

Wave 2: Rise in Heroin Overdose Deaths Started in 2010

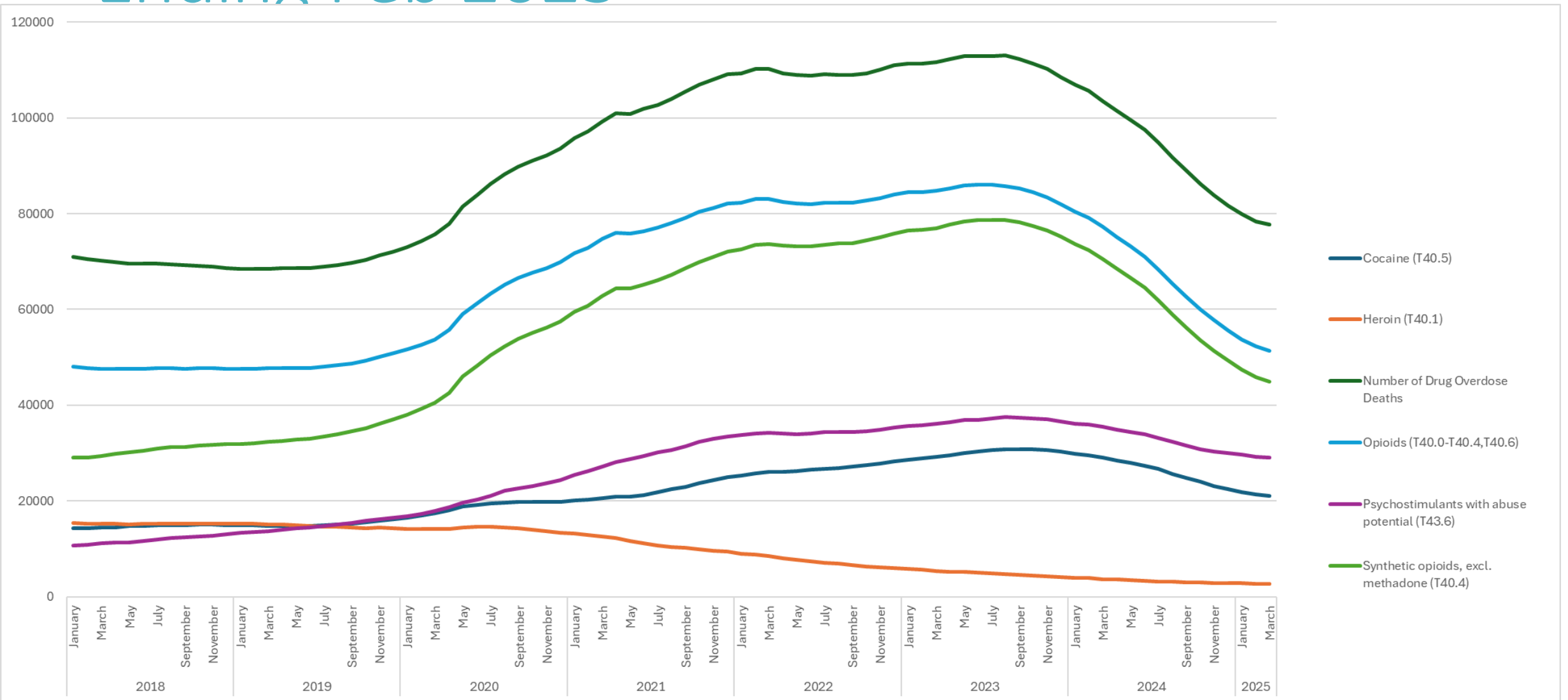
Wave 3: Rise in Synthetic Opioid Overdose Deaths Started in 2013

SOURCE: CDC/NCHS, National Vital Statistics System, Mortality. CDC WONDER, Atlanta, GA: US Department of Health and Human Services, CDC; 2024. <https://wonder.cdc.gov/>.



Overdose Trends in United States Ending Feb 2025

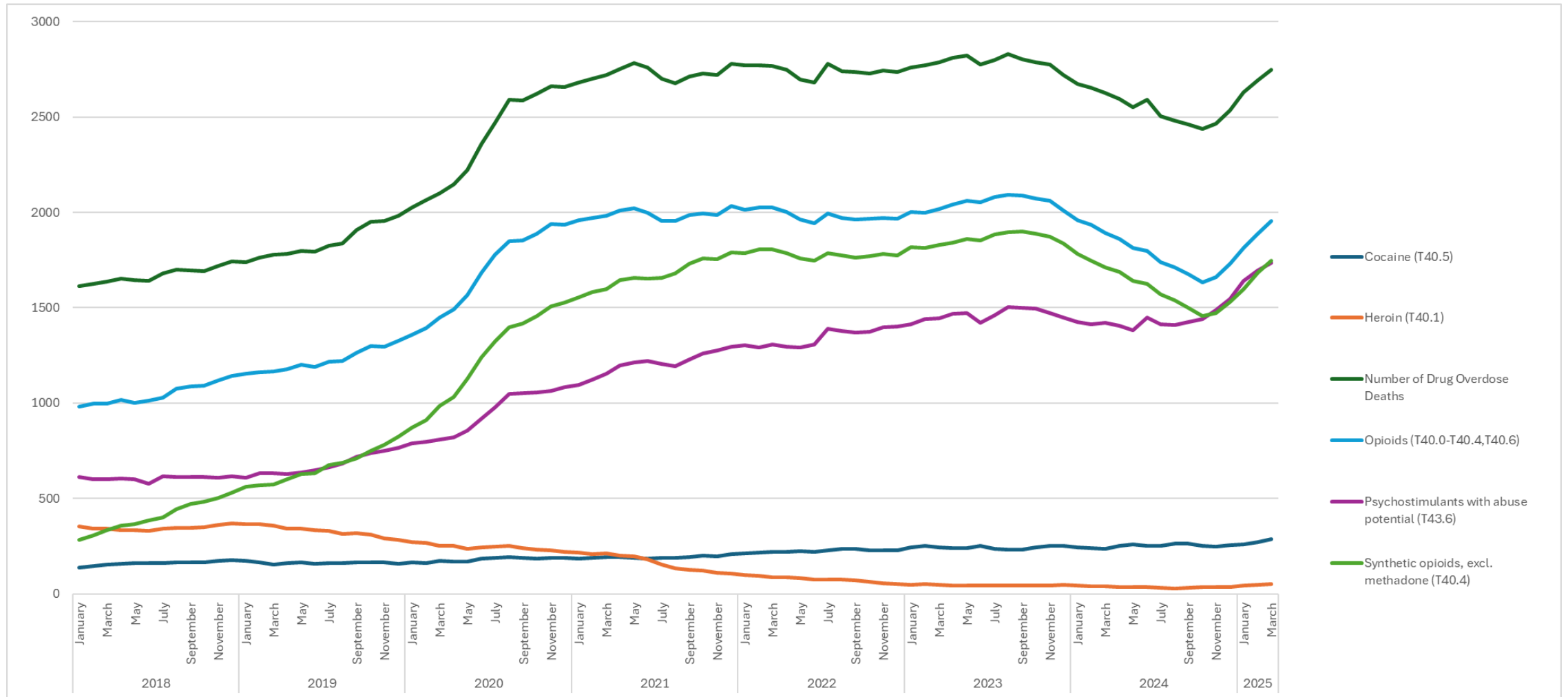
<https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm>



Overdose Trends in Arizona

Ending Feb 2025

<https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm>



Prescription Drug Monitoring Program (PDMP)

Find website, remember login and password

Enter patient name and birthdate

P0C

PHYSICIAN I.

Search

Controlled Substances

ABBY TESTPATIENT

Age: 48

Data as of: 03/13/2019

+ Demographics

- Summary

Summary	Narcotics* (excluding buprenorphine)	Buprenorphine*
Total Prescriptions: 10	Current Qty: 0	Current Qty: 0
Total Prescribers: 1	Current MME/day: 0.00	Current mg/day: 0.00
Total Pharmacies: 1	30 Day Avg MME/day: 8.50	30 Day Avg mg/day: 0.00

- Prescriptions

PRESCRIPTIONS

Total Prescriptions: 10

Total Private Pay: 0

Fill Date	ID	Written	Drug	Qty	Days	Prescriber	Rx #	Pharmacy	Refill	Daily Dose	Pymt Type	PMP
01/29/2019	4	01/29/2019	Oxycodone-Acetaminophen 5-325	60	30	Ca Fam	12789	Scr (8953)	0	15.00 MME	Comm Ins	KS
01/29/2019	4	01/29/2019	Zolpidem Tartrate 10 MG Tablet	30	30	Ca Fam	12790	Scr (8953)	0		Comm Ins	KS
12/29/2018	2	12/29/2018	Oxycodone-Acetaminophen 5-325	30	30	Ca Fam	12678	Scr (8953)	0	7.50 MME	Comm Ins	KS
12/29/2018	2	12/29/2018	Zolpidem Tartrate 10 MG Tablet	60	30	Ca Fam	12679	Scr (8953)	0		Comm Ins	KS
11/29/2018	1	11/29/2018	Oxycodone-Acetaminophen 5-325	60	30	Ca Fam	12567	Scr (8953)	0	15.00 MME	Comm Ins	KS
11/29/2018	1	11/29/2018	Zolpidem Tartrate 10 MG Tablet	30	30	Ca Fam	12568	Scr (8953)	0		Comm Ins	KS
10/29/2018	3	10/29/2018	Oxycodone-Acetaminophen 5-325	60	30	Ca Fam	12456	Scr (8953)	0	15.00 MME	Comm Ins	KS
10/29/2018	3	10/29/2018	Zolpidem Tartrate 10 MG Tablet	30	30	Ca Fam	12457	Scr (8953)	0		Comm Ins	KS
09/28/2018	3	09/28/2018	Oxycodone-Acetaminophen 5-325	60	30	Ca Fam	12345	Scr (8953)	0	15.00 MME	Comm Ins	KS
09/28/2018	3	09/28/2018	Zolpidem Tartrate 10 MG Tablet	30	30	Ca Fam	12346	Scr (8953)	0		Comm Ins	KS

*Per CDC guidance, the MME conversion factors prescribed or provided as part of the medication-assisted treatment for opioid use disorder should not be used to benchmark against dosage thresholds meant for opioids prescribed for pain. Buprenorphine products have no agreed upon morphine equivalency, and as partial opioid agonists, are not expected to be associated with overdose risk in the same dose-dependent manner as doses for full agonist opioids. MME = morphine milligram equivalents. LME = Lorazepam milligram equivalents. MG = dose in milligrams.

PROVIDERS

Total Providers: 1

Name	Address	City	State	Zipcode	Phone
Candice Familydoc					

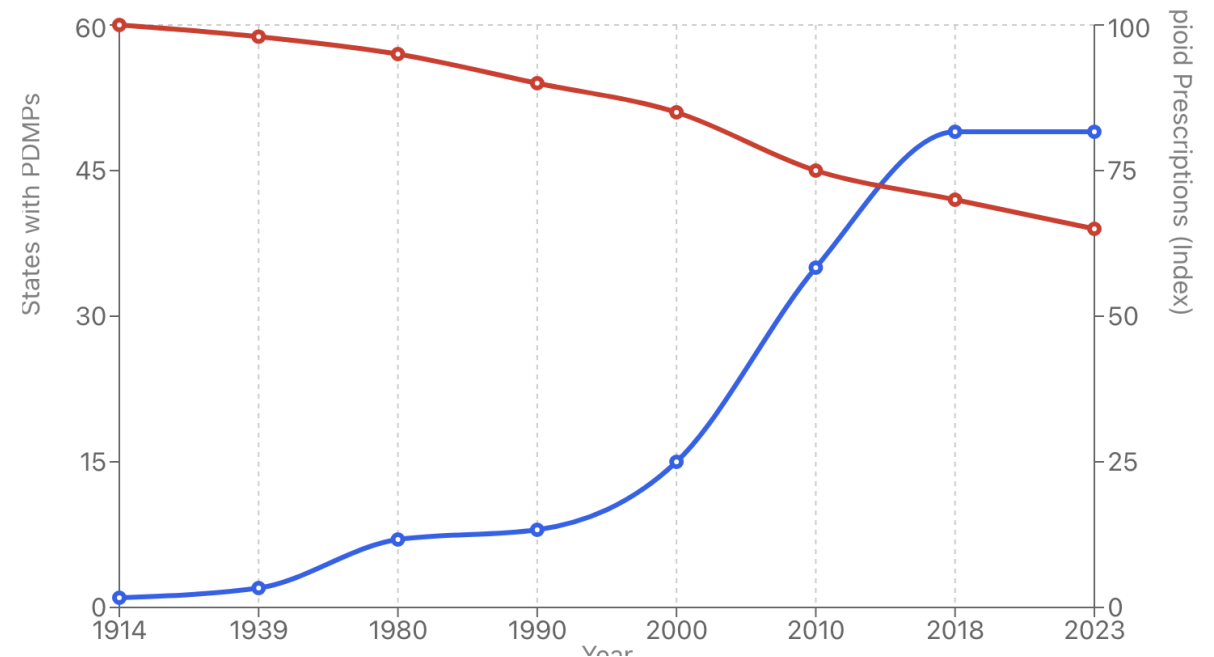
PHARMACIES

Total Pharmacies: 1

- Improved co-prescribing of benzos and opioids
- Decreased doctor shopping
- Empowered prescribers to not prescribe
- All states now have PDMP
 - Missouri was last to launch its program
- Many states share data so you can look up patients who are here temporarily
 - Unfortunately, California has strict data sharing and privacy laws prohibit sharing

Growth and Impact of PDMPs in the U.S.

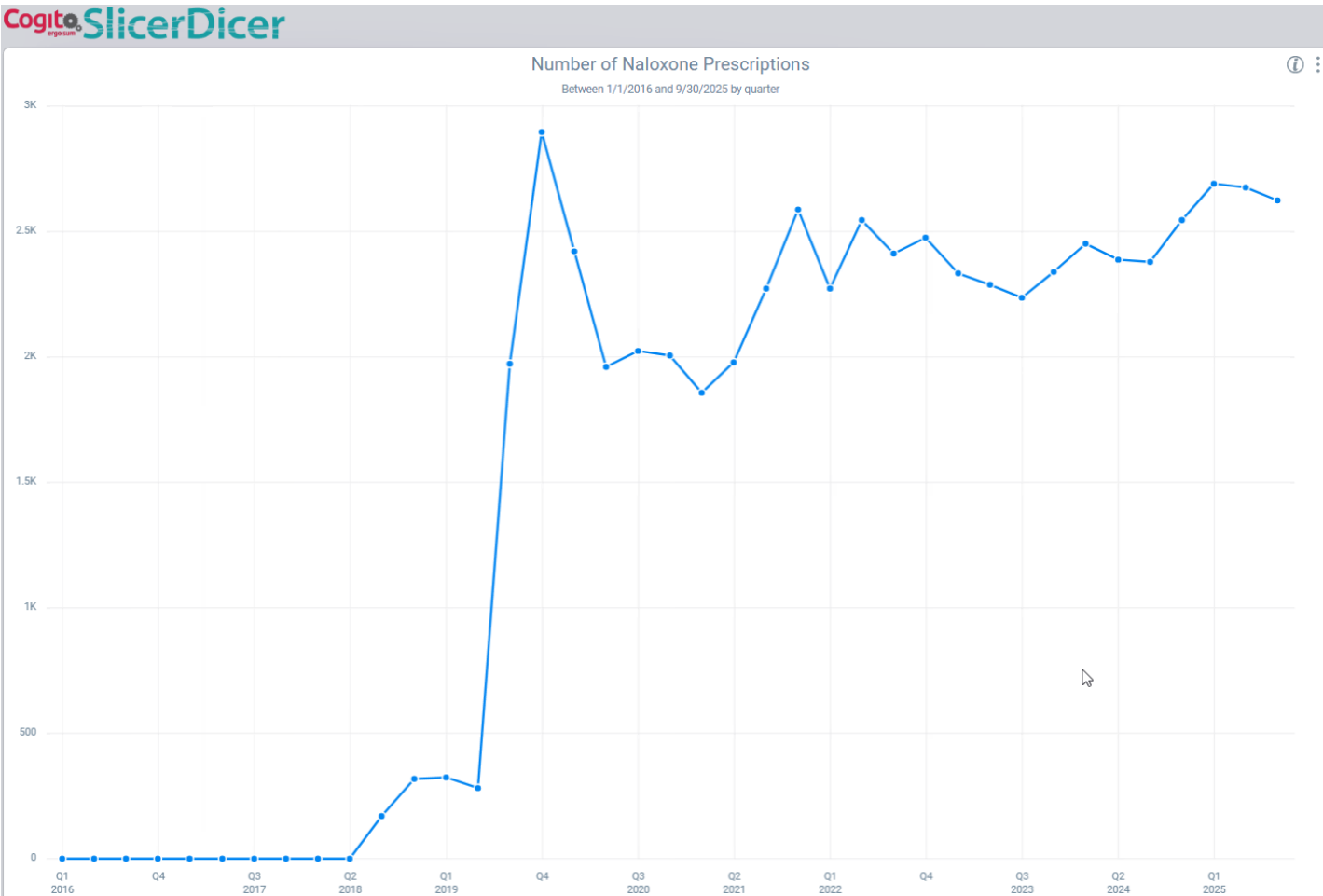
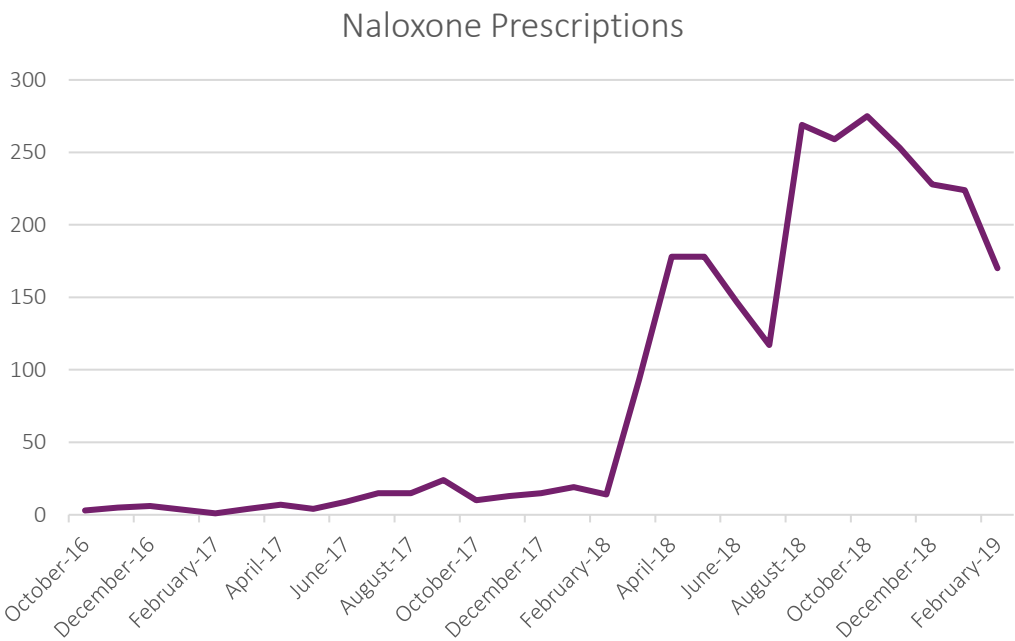
Prescription Drug Monitoring Programs (PDMPs) have expanded from a single paper-based tracking system in 1914 to nearly universal adoption by 2018. Their implementation has been linked to reductions in opioid prescribing, distribution, and overdose deaths—showing the power of data-driven policy in combating the opioid epidemic.



Sources: Holmgren AJ et al., *AJPH* 2020; Sahebi-Fakhrabad A et al., *Healthcare* 2023.

PDMPs are associated with a 10–12% reduction in opioid-related deaths and a 3–4% decrease in distribution per policy implementation.

Naloxone Prescribing



Naloxone prescriptions following emergency department encounters for opioid use disorder, overdose, or withdrawal

Austin S Kilaru¹, Manqing Liu², Ravi Gupta³, Jeanmarie Perrone⁴, M Kit Delgado⁴, Zachary F Meisel⁴, Margaret Lowenstein⁵

Affiliations + expand

PMID: 33812332 PMCID: [PMC8608552](#) DOI: [10.1016/j.ajem.2021.03.056](#)

Abstract

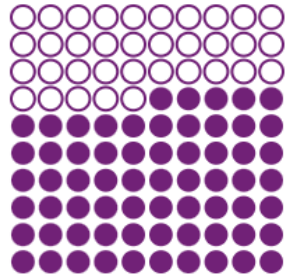
Objective: To determine the rate at which commercially-insured patients fill prescriptions for naloxone after an opioid-related ED encounter as well as patient characteristics associated with obtaining naloxone.

Methods: This is a retrospective cohort study of adult patients discharged from the ED following treatment for an opioid-related condition from 2016 to 2018 using a commercial insurance claims database (Optum Clinformatics® Data Mart). The primary outcome was a pharmacy claim for naloxone in the 30 days following the ED encounter. A multivariable logistic regression model examined the association of patient characteristics with filled naloxone prescriptions, and predictive margins were used to report adjusted probabilities with 95% confidence intervals.

Results: 21,700 patients had opioid-related ED encounters during the study period, of which 1743 (8.0%) had encounters for heroin overdose, 8825 (40.7%) for overdose due to other opioids, 5400 (24.9%) for withdrawal, and 5732 (26.4%) for other opioid use disorder conditions. 230 patients (1.1%) filled a prescription for naloxone within 30 days. Patients with heroin overdose (2.6%; 95%CI 1.7 to 3.4), recent prescriptions for opioid analgesics (1.4%; 95%CI 1.1 to 1.7), recent prescriptions for buprenorphine (1.9%; 95%CI 1.0 to 2.9), and naloxone prescriptions in the prior year (3.3%; 95%CI 1.8 to 4.8) were more likely to obtain naloxone. The rate was significantly higher in 2018 [1.9% (95%CI 1.5 to 2.2)] as compared to 0.4% (95%CI 0.3 to 0.6) in 2016.

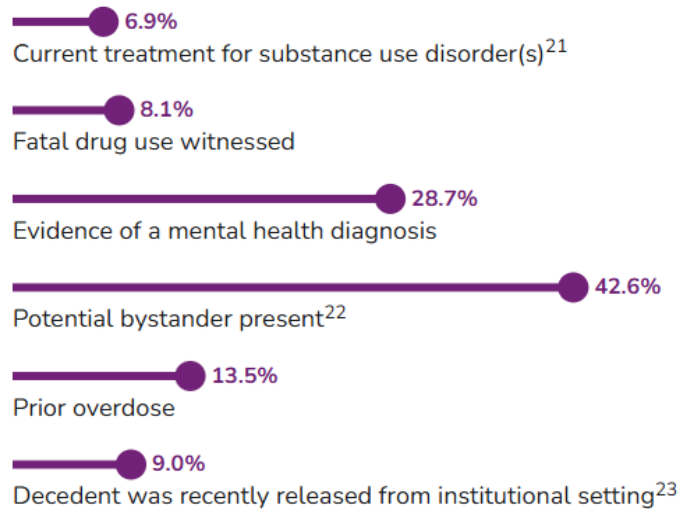
Conclusions: Few patients use insurance to obtain naloxone by prescription following opioid-related ED encounters. Clinical and policy interventions should expand distribution of this life-saving medication in the ED.

Circumstances Surrounding overdose deaths from all 38 reporting states



65.9%

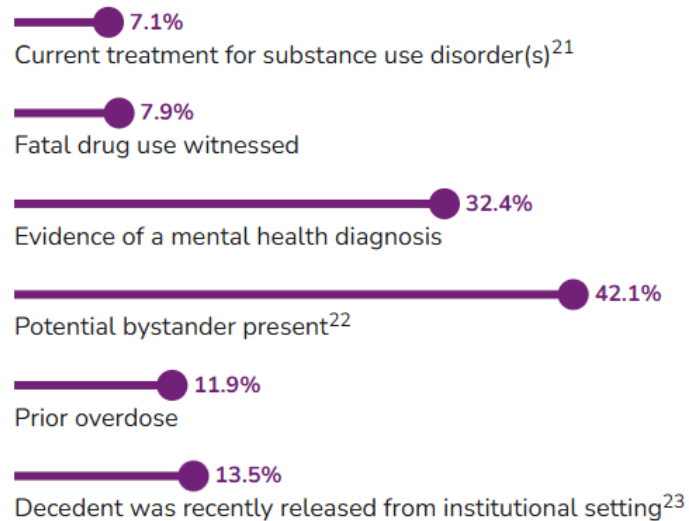
of drug overdose deaths had at least one potential opportunity for intervention



¹ Circumstance percentages are only among decedents with sufficient information on circumstances surrounding the overdose death.



Circumstances surrounding overdose deaths in Arizona in 2023



¹ Circumstance percentages are only among decedents with sufficient information on circumstances surrounding the overdose death.



Impact of Naloxone and Risk Reduction

What were the circumstances²⁰ surrounding overdose deaths in 2020, *Arizona*?[†]

Arizona

2020

View data for: Bystanders



Potential bystanders represent people who were physically nearby during or right before an overdose and potentially had an opportunity to prevent or respond to the overdose. Educating potential bystanders, such as family and friends of people who use drugs, on how to respond to an overdose (e.g., by [administering naloxone](#)) could prevent deaths.

Potential bystander present²² 62.3%

Among deaths with a potential bystander present:

Bystander provided no overdose response 76.2%

Among deaths with no bystander response, reasons for nonresponse included:

Bystander was spatially separated from decedent 55.2%

Bystander was unaware decedent was using substances 23.8%

Bystander did not recognize abnormalities 12.3%

Bystander did not recognize abnormalities as an overdose 10.6%

Bystander was using substances or alcohol 4.3%

It was a public space and strangers did not intervene 7.1%

What were the circumstances²⁰ surrounding overdose deaths in 2023, *Arizona*?[†]

Arizona

2023

View data for: Bystanders



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Potential bystander present²² 42.1%

Among deaths with a potential bystander present:

Bystander provided no overdose response 74.1%

Among deaths with no bystander response, reasons for nonresponse included:

Bystander was spatially separated from decedent 49.3%

Bystander was unaware decedent was using substances 34.9%

Bystander did not recognize abnormalities 10.7%

Bystander did not recognize abnormalities as an overdose 12.8%

Bystander was using substances or alcohol 5.5%

It was a public space and strangers did not intervene 4.6%

Naloxone Programs

ADHS

- Available at no cost to law enforcement agencies, county health departments, EDs, CBOs such as prevention coalitions, harm reduction organizations, and shelter
- Distribute to over 600 agencies in Arizona
- County naloxone distribution model
- Order directly from azdhs.gov/opioid

Sonoran Prevention Works

- Community based naloxone distribution model
- Provides community education and training on how to administer naloxone including IM formulation
- Contact directly for naloxone and safer use supplies:
<https://spwaz.org/get-supplies/>



Tracking form

HONORHEALTH*

EMERGENCY DEPARTMENT NALOXONE DISTRIBUTION LOG

DATE	#RECEIVED OR ISSUED	PATIENT INFORMATION	LOT# EXP#	PHYSICIAN NAME	INVENTORY BALANCE
3/29/23	Received +30	N/A			30
3/29/23	-1	John Doe Affix patient label	Enter lot and exp date	Dr. Norquist	29

Using Technology to Make it Easier

ⓘ Consider Take-Home Naloxone for This Patient

This patient qualifies for take-home naloxone. Please choose an option below:

- 1. Free Take-Home Naloxone Kit (Preselected)**
 - Provided at no cost to enhance patient safety post-discharge.
- 2. Pharmacy Prescription**
 - naloxone (NARCAN) intranasal liquid
 - To prescribe naloxone for pharmacy pickup, select "Order" next to the option with the house icon.

Order	Do Not Order	 Take Home Naloxone
Order	Do Not Order	 naLOXone (NARCAN) intranasal liquid

Acknowledge Reason

Other options... ▼

 **Defer**

 **Accept**

Dismiss

Medications for Opioid Use Disorder

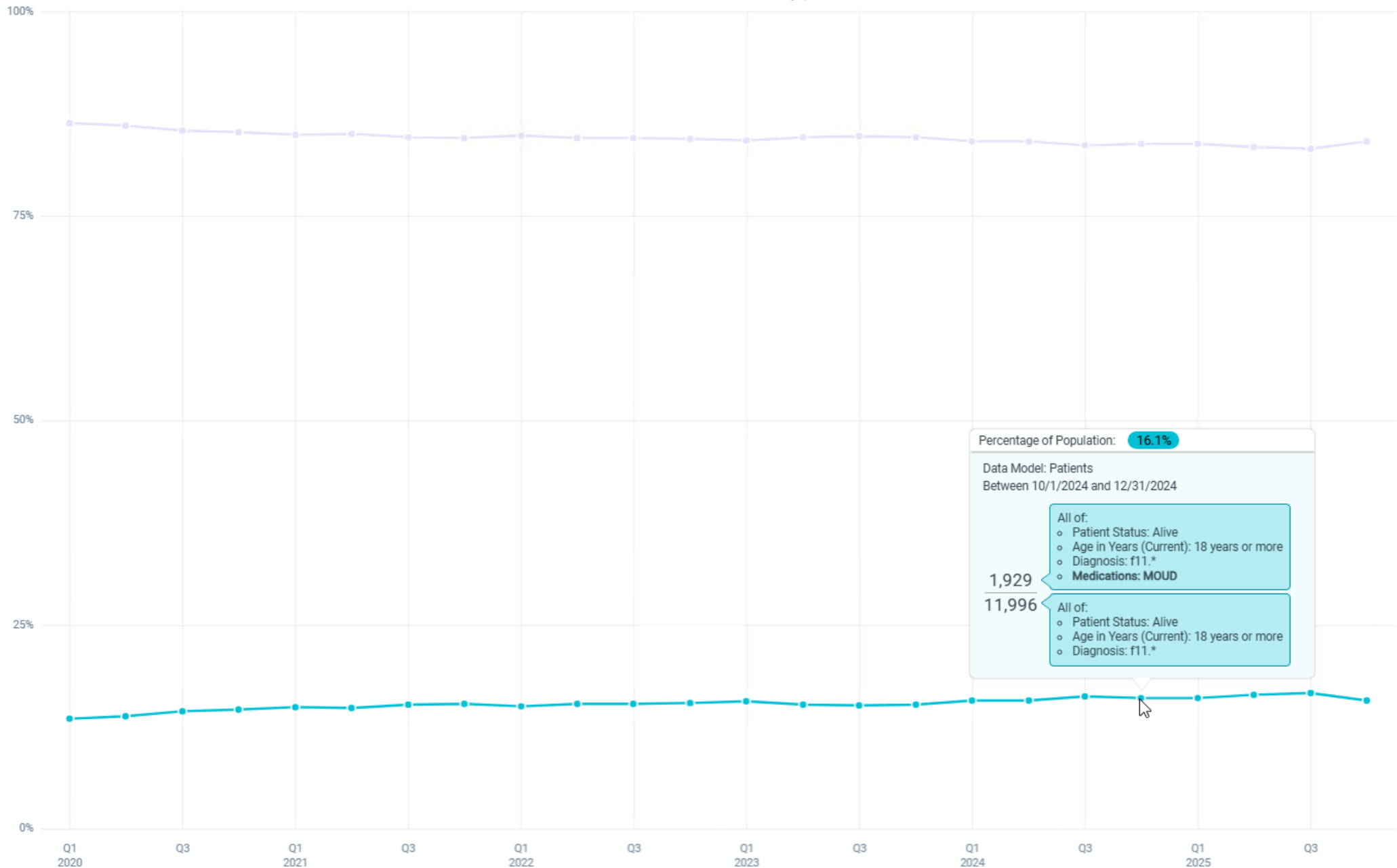
Proven to be safe and effective

Underutilized

Waiver removed in 2021 but still not taken up by prescribers

Percentage of population with OUD on MOUD by age

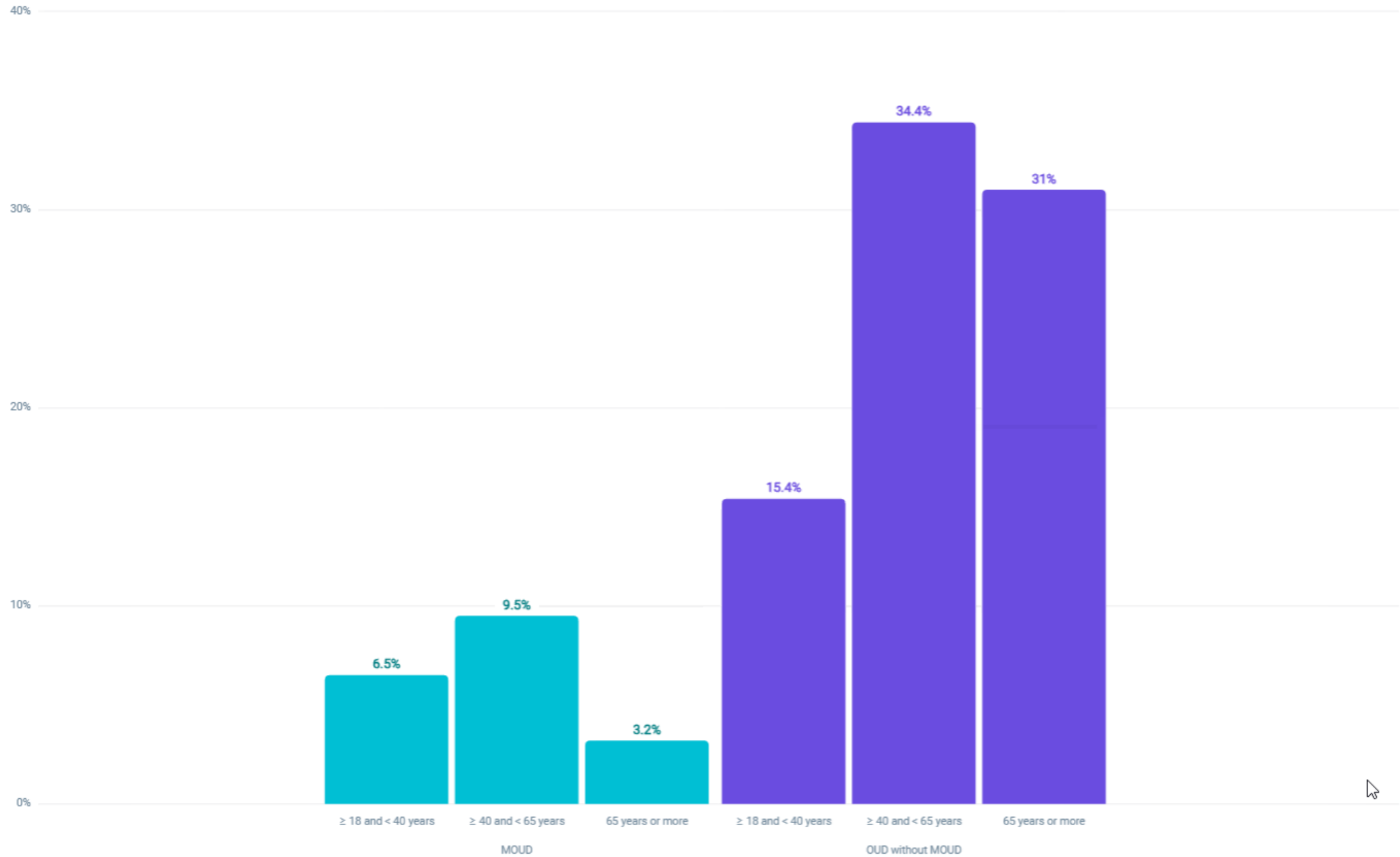
Between 1/1/2020 and 10/28/2025 by quarter



Percentage of population with OUD on MOUD by age



Last 1 year



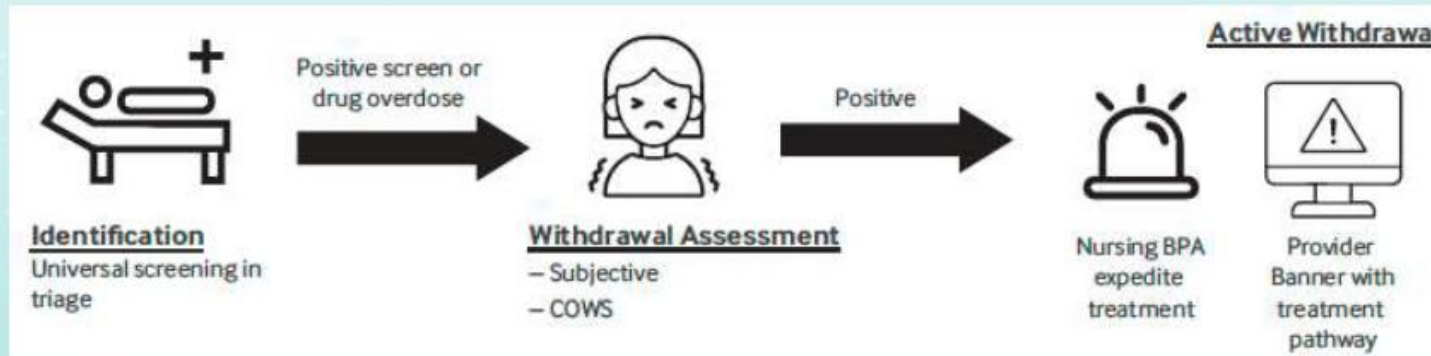
CASE STUDY

Redesign of Opioid Use Disorder Screening and Treatment in the ED

Margaret Lowenstein, MD, MPhil, MSHP, Rachel McFadden, RN, Dina Abdel-Rahman, Jeanmarie Perrone, MD, Zachary F. Meisel, MD, MPH, MSHP, Nicole O'Donnell, Christian Wood, Gabrielle Solomon, Rinad Beidas, PhD, M. Kit Delgado, MD, MS

Vol. 3 No. 1 | January 2022

Screening + Treatment

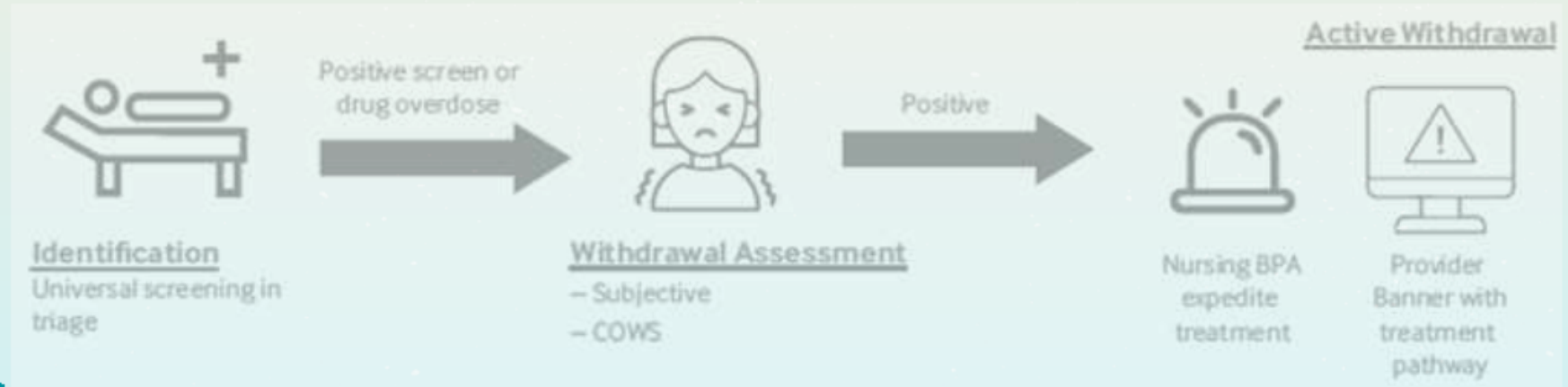


BPA = Best Practice Alert **COWS** = Clinical Opiate Withdrawal Scale **PRS** = Peer Recovery Specialist

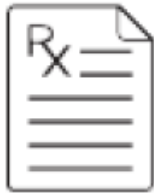
ED Screening Workflow

Screening + Treatment

Discharge



Nursing BPA
with Discharge
Guidance



Provider Banner
with Discharge
Orders

BPA = Best Practice Alert **COWS** = Clinical Opiate Withdrawal Scale **PRS** = Peer Recovery Specialist

Nursing Prompts

Opioid Use Screen

ⓘ In the last week, have you struggled with pain killers, or used Heroin or Fentanyl?

No (Negative)

Yes (Positive)

Drug Overdose

Unable to Assess

Thank you for letting us know. We have resources for withdrawal right now?

Yes

No

Clinical Opiate Withdrawal Scale (COWS)

Resting pulse rate (beats per minute)

0=Pulse rate 60 or below

1=Pulse rate 61-100

2=Pulse rate 101-120

Sweating

0=No report of chills or flushing

1=Subjective report of chills or flushing

Restlessness

0=Able to sit still

1=Reports difficulty sitting still, but is able to sit still for 5 minutes or more

BestPractice Advisory - Test, Arrived

This Patient is in Active Opioid Withdrawal (COWS ≥ 8)

Triage RN:

- This patient is at risk of leaving without treatment and having an overdose. Please expedite care for opioid withdrawal.

Primary RN:

- Discuss Medications to treat withdrawal (buprenorphine or methadone) with physician or advanced practice provider (APP).
- Provide take-home intranasal Narcan. Physician or APP can order using "OUD Discharge Smartset"

Acknowledge Reason

OID Treatment plan discussed with Provid...

☒ Accept ☐ Dismiss

Provider Prompts

ED Visit

Refresh Doc to Doc MPM AVS Print AVS Tx Team Quick Vitals Data Validate Review Visit Consult Update

Document

Disposition

Clinical Scores

BANNERS

Banners

MYNOTE

Chief Complaint

Allergies

Home Medications

History

OB/Gyn Status

Orders

Provider Notes

Banners

This patient has active OUD. Click here to use the

Chief Complaint

Detox

Homeless

Orders

Clear All Orders

Opioid Use

Manage User Versions

All patients with OUD should be offered buprenorphine. The dose varies on withdrawal severity. See below for dosing guidance based on COWS.

Standard doses of buprenorphine may precipitate withdrawal in patients with recent opioid use. Consider giving micro-dosages (< 0.5mg buprenorphine or 450mcg Belbuca) on patients not yet in withdrawal.

Providers can consult a substance use navigator 7 days a week between 9am-9pm by calling 484-278-1679.

Click here for the Dorsata pathway on OUD

Laboratory

Pregnancy testing and urine drug screening are not r buprenorphine-only, but buprenorphine-naloxone is

Laboratory

Clinical Opioid Withdrawal Scale (COWS)

COWS

Total COWS Score: 7
(02/08/22 0116 : Chukwu, Franklin, RN)

- ☐ COWS < 13 (micro-dosing)
☐ COWS > or = to 13 (standard dosing)

Symptom management

Symptom management

- ☐ Pain
☐ Anxiety and restlessness
☐ Gastrointestinal discomfort

Ad hoc Orders

Search

You can search for an order by typing in the header of this section.

COWS > or = to 13 (standard dosing)

- ☒ Calculate Clinical Opioid Withdrawal Scale
Routine, Now then every 2 hours, First occurrence today at 0815, For 3 o
Release to patient: Auto Release
- ☒ buprenorphine-naloxone 2-0.5 MG per sublingual film; 1 film
1 film, sublingual, Every 1 hour, 2 doses, First dose today at 0815, Last do
If first dose helps, repeat in 1 hour
If first dose worsens withdrawal, repeat in 2 hours
Place under the tongue until dissolved. HIGH ALERT MEDICATION
- ☒ buprenorphine-naloxone 8-2 MG per sublingual film; 1 film
1 film, sublingual, Every 2 hours PRN, 2 doses, Starting today at 0814, Ur
hours after the first dose of buprenorphine-naloxone 2mg-0.5mg
Place under the tongue until dissolved. HIGH ALERT MEDICATION

Provider – OUD Discharge Smartset

☐	Opioid overdose [T40.2X1A]
☐	Opioid withdrawal [F11.23]
▼ Prescriptions	
▼ Prescriptions	
☐	buprenorphine-naloxone 8-2 MG SL tablet E-Prescribe, Disp-6 tablet, R-0, NADEAN:****
☒	Narcan 4 MG/0.1ML Nasal Liquid (naloxone) 0.1 mL by intraNASAL route as needed (unresponsiveness). May repeat every 2-3 minutes until patient responsive or EMS arrives Print, Disp-1 each, R-0
▼ Discharge Instructions	
▼ Discharge Instructions	
☐	ACCESSING TREATMENT-MAT
☒	OPIOID USE DISORDER: GENERAL INFO (ENGLISH)
☒	OPIOID OVERDOSE: NALOXONE: GENERAL INFO (ENGLISH)
☐	OPIOID WITHDRAWAL (ENGLISH) Edit
▼ Follow Up	
▼ Follow Up	
☒	Center for Opioid Recovery and Engagement
☐	NET Access Point

Low Dose Overlapping Initiation with Bup

Table 1.

Buprenorphine low dose overlap initiation (LDOI) schedule

Day	Daily buprenorphine dosing sublingual (mg)	Number of tablet(s) per dose*	Total Daily Dose of buprenorphine (mg)	Pre-existing Opioid Agonist (e.g. fentanyl infusion)
1	0.5 mg QD	One-quarter tab	0.5 mg	Continue
2	0.5 mg BID	One-quarter tab	1 mg	Continue
3	1 mg BID	One-half tab	2 mg	Continue
4	2 mg BID	1 tab	4 mg	Continue
5	4 mg BID	1 tab	8 mg	Continue
6	4 mg TID	1 tab	12 mg	Continue
7+	8 mg BID	2 tabs ⁺	16 mg	Stop/Taper

QD = every day, BID = twice daily, TID = three times daily

* buprenorphine tablets available in 2 mg or 4 mg dosage

⁺ dose may be further increased based on individual patient circumstances

Adult Buprenorphine Micro Dosing IP

The following criteria must be met prior to ordering buprenorphine

- Upstate Inpatient Addiction Consult Team or Medical/ recommendation to utilize this therapy
- For patients prescribed > 50 Morphine Milligram Equivalent buprenorphine micro-Induction

Nursing

Interventions

- ☒ Drugs Of Abuse, Urine
Tier 1 (all credentialed providers), ONCE, today at 1607, For 1 occurrence
- ☒ Precaution: Fall - Moderate Risk (John Hopkins Score 6-7)
Routine, CONTINUOUS, Starting today at 1607, Until Wed 7/2, For 1 occurrence
Patients will be assessed for fall risk on admission to unit, every 2 hours
- ☒ Notify Provider
Routine, UNTIL DISCONTINUED, Starting today at 1607, Until Wed 7/2, For 1 occurrence
If withdrawal symptoms occur as evidenced by signs and symptoms, notify provider
Per provider discretion, opioid withdrawal may be treated with 5mg, 10mg, 15mg, 20mg, 30mg, 40mg, 50mg, 60mg, 70mg, 80mg, 90mg, 100mg, 110mg, 120mg, 130mg, 140mg, 150mg, 160mg, 170mg, 180mg, 190mg, 200mg, 210mg, 220mg, 230mg, 240mg, 250mg, 260mg, 270mg, 280mg, 290mg, 300mg, 310mg, 320mg, 330mg, 340mg, 350mg, 360mg, 370mg, 380mg, 390mg, 400mg, 410mg, 420mg, 430mg, 440mg, 450mg, 460mg, 470mg, 480mg, 490mg, 500mg, 510mg, 520mg, 530mg, 540mg, 550mg, 560mg, 570mg, 580mg, 590mg, 600mg, 610mg, 620mg, 630mg, 640mg, 650mg, 660mg, 670mg, 680mg, 690mg, 700mg, 710mg, 720mg, 730mg, 740mg, 750mg, 760mg, 770mg, 780mg, 790mg, 800mg, 810mg, 820mg, 830mg, 840mg, 850mg, 860mg, 870mg, 880mg, 890mg, 900mg, 910mg, 920mg, 930mg, 940mg, 950mg, 960mg, 970mg, 980mg, 990mg, 1000mg
- ☒ Notify Addiction/Tox Team - Missed Dose(s)
Routine, UNTIL DISCONTINUED, Starting today at 1607, Until Wed 7/2, For 1 occurrence
If the patient misses a dose of buprenorphine. If the patient misses a dose of buprenorphine, notify the Addiction/Tox Team.
- ☒ Notify Addiction/Tox Team - Induction Day 7
Routine, UNTIL DISCONTINUED, Starting today at 1607, Until Wed 7/2, For 1 occurrence
On buprenorphine induction Day 7, notify Addiction/Tox team to take over care

Consults

Consults

- ☒ Consult to Addiction Medicine Inpatient

buprenorphine (SUBUTEX) sublingual tablet

Accept

buprenorphine (SUBUTEX) sublingual split tablet 0.5 mg

Remove

0.5 mg, Sublingual, Daily Standard, First dose tomorrow at 0900, For 1 day
Day 1 (continue giving full opioid agonist). MDD 0.5 mg.
Place under tongue to dissolve - no eating or drinking for 15 minutes after administration. Please administer without interruption including when NPO.

Followed By

buprenorphine (SUBUTEX) sublingual split tablet 0.5 mg

Remove

0.5 mg, Sublingual, 2 Times Daily, First dose on Wed 6/4 at 0900, For 1 day
Day 2 (continue giving full opioid agonist). MDD 1 mg.
Place under tongue to dissolve - no eating or drinking for 15 minutes after administration. Please administer without interruption including when NPO.

Followed By

buprenorphine (SUBUTEX) sublingual split tablet 1 mg

Remove

1 mg, Sublingual, 2 Times Daily, First dose on Thu 6/5 at 0900, For 1 day
Day 3 (continue giving full opioid agonist). MDD 2 mg.
Place under tongue to dissolve - no eating or drinking for 15 minutes after administration. Please administer without interruption including when NPO.

Followed By

buprenorphine (SUBUTEX) sublingual tablet 2 mg

Remove

2 mg, Sublingual, 2 Times Daily, First dose on Fri 6/6 at 0900, For 1 day
Day 4 (continue giving full opioid agonist). MDD 4 mg.
Place under tongue to dissolve - no eating or drinking for 15 minutes after administration. Please administer without interruption including when NPO.

Followed By

buprenorphine (SUBUTEX) sublingual tablet 4 mg

Remove

4 mg, Sublingual, 2 Times Daily, First dose on Sat 6/7 at 0900, For 1 day
Day 5 (continue giving full opioid agonist). MDD 8 mg.
Place under tongue to dissolve - no eating or drinking for 15 minutes after administration. Please administer without interruption including when NPO.

Followed By

buprenorphine (SUBUTEX) sublingual tablet 4 mg

Remove

4 mg, Sublingual, Three Times Daily Standard, First dose on Sun 6/8 at 0900, For 1 day
Day 6 (continue giving full opioid agonist). MDD 12 mg.
Place under tongue to dissolve - no eating or drinking for 15 minutes after administration. Please administer without interruption including when NPO.

Followed By

buprenorphine (SUBUTEX) sublingual tablet 8 mg

Remove

Changing Gears

How Kids Buy Drugs on Social Media

- 1** Drug dealers advertise drugs on social media.
- 2** Ads appear as you scroll through social media.
- 3** Direct messaging is used to initiate contact.
- 4** The conversation moves to an encrypted messaging platform like WhatsApp.
- 5** Payment is made through a financial app like Venmo.
- 6** The drug order is shipped and arrives by mail.



Overdose Rates

Since 2022, fatal drug overdoses in Scottsdale have decreased, but non-fatal overdoses have remained steady.

Services

Prevention and treatment resources are not centralized, which could make them challenging to navigate.

Providers commonly cited inadequate health insurance coverage as a barrier to care.

Youth

In Maricopa County, 1 in 5 students indicated that drugs are easy to get.

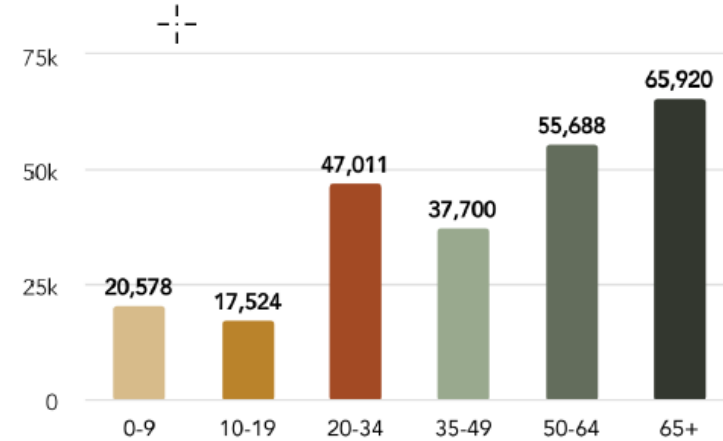
5% of Scottsdale middle and high school students reported being offered an illegal substance in 2024.

Overdose Risks

Young males comprised the majority of overdoses.

About half the City's non-fatal overdoses were recorded in South Scottsdale.

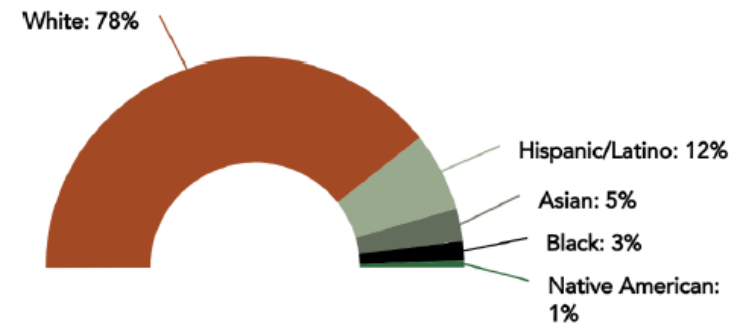
Age Distribution



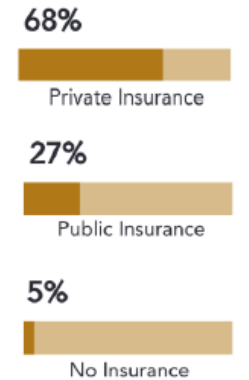
Age Groups



Ethnicity Distribution



Type of Healthcare Coverage



Using Tech to Order Drugs

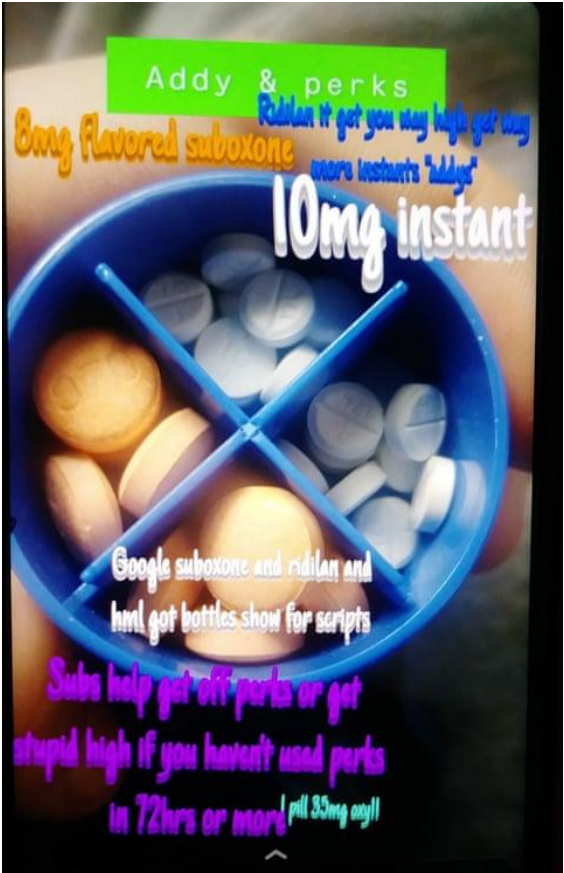
SPECIAL REPORT

INSIDE
SNAPCHAT'S
TEEN OPIOID
CRISIS

Law-enforcement sources and grieving families allege that the social media giant Snapchat has helped fuel a teen-overdose epidemic across the country. Now, their parents are fighting back

By PAUL SOLOTAROFF
Illustration by Justin Metz

JUNE 16, 2024



Alex Neville was one of those boys who was always in costume, wearing his obsessions



EMOJI DRUG CODE | DECODED

COMMON EMOJI CODES

FAKE PRESCRIPTION DRUGS

PERCOCET & OXYCODONE



XANAX



ADDERALL



DEALER SIGNALS

DEALER ADVERTISING



HIGH POTENCY



UNIVERSAL FOR DRUGS



LARGE BATCH



OTHER DRUGS

METH



HEROIN



COCAINE



MDMA & MOLLIES



MUSHROOMS



COUGH SYRUP



MARIJUANA



This reference guide is intended to give parents, caregivers, educators, and other influencers a better sense of how emojis are being used in conjunction with illegal drugs. Fake prescription pills, commonly laced with deadly fentanyl and methamphetamine, are often sold on social media and e-commerce platforms – making them available to anyone with a smartphone.



Questions?

