

OD2A-S Data Updates

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Helena, MT



DEPARTMENT OF
**PUBLIC HEALTH &
HUMAN SERVICES**

What we'll cover



Where we've been

- Recent data products
- Key findings



Where we're at

- Projects in progress
- Sneak peek of data
- How to get involved



Where we're going

- Upcoming products



Where we've been

2024 data products

- [Montana Prescribing Trends 2021-2023](#)
- [Drug Overdose Deaths in Montana 2014-2023](#)

Ongoing data products

- [Injury and Overdose Indicators Dashboard](#)
- [Naloxone administration by EMS](#)
- [EMS Data on Opioid Overdose](#)



Montana Prescribing Trends 2021-2023

Topic

Montana Prescription Drug Registry (MPDR)-Prescriptions for controlled substances, including:

- Opioids
- Benzodiazepines
- Stimulants
- Other Schedule II – V drugs

Years

2021-2023



Montana Prescribing Trends 2021-2023

Key findings

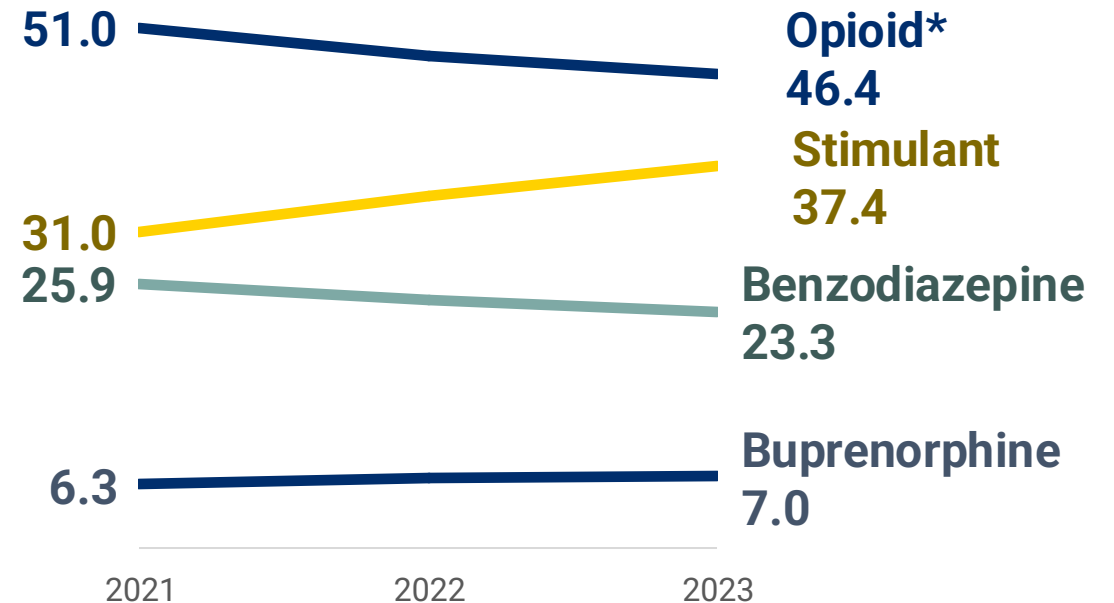
Opioids

- 46.4 prescriptions per 100 Montanans in 2023
- 9% decrease from 2021 to 2023
- Hydrocodone, oxycodone, and tramadol were the most commonly prescribed opioids

Stimulants

- 37.4 prescriptions per 100 Montanans in 2023
- 21% increase from 2021 to 2023

Age-adjusted prescribing rates per 100 Montanans



*The opioid prescribing rate excludes buprenorphine, which is shown separately.

Drug Overdose Deaths in Montana 2014-2023

Topic

Drug overdose deaths, including:

- Deaths due to opioids, stimulants, or other drugs
- Deaths of any intent (unintentional, suicide, homicide, undetermined)
- MT residents (including those dying out of state)

Years

2014-2023

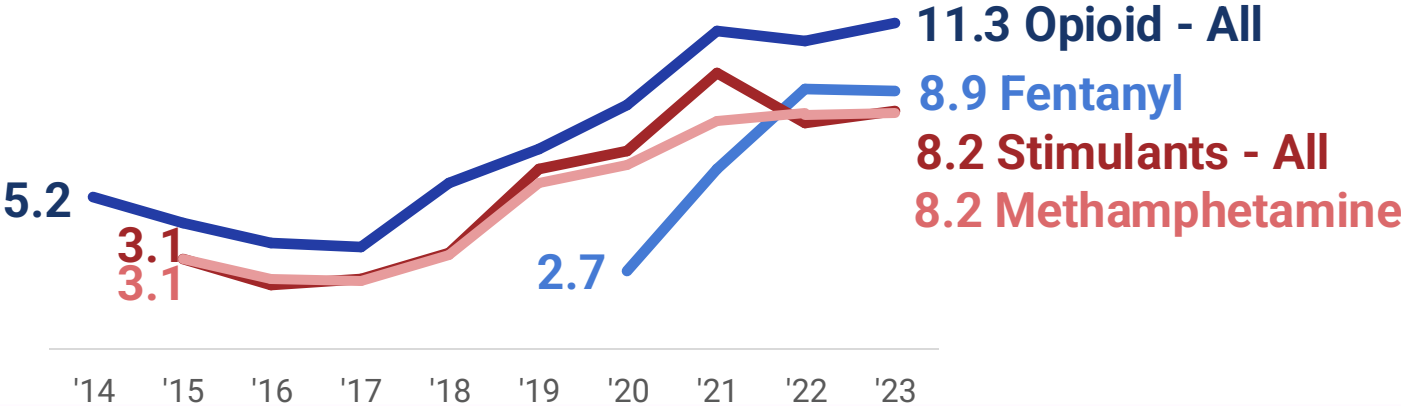


Drug Overdose Deaths in Montana 2014-2023

Key findings

- Drug overdoses continue to be the fourth leading cause of injury-related death in Montana
- Fentanyl and/or methamphetamine were most often listed as a cause of death.
- Silver Bow, Lake, and Yellowstone counties had drug overdose death rates higher than the state rate during the 2019-2023 period.

Age-adjusted drug overdose death rates by drug type per 100k residents



EMS Reports

Topic

Opioid overdose-related 911 responses

Naloxone administration during EMS responses

Years

Updated quarterly: published data through Sept. 2024

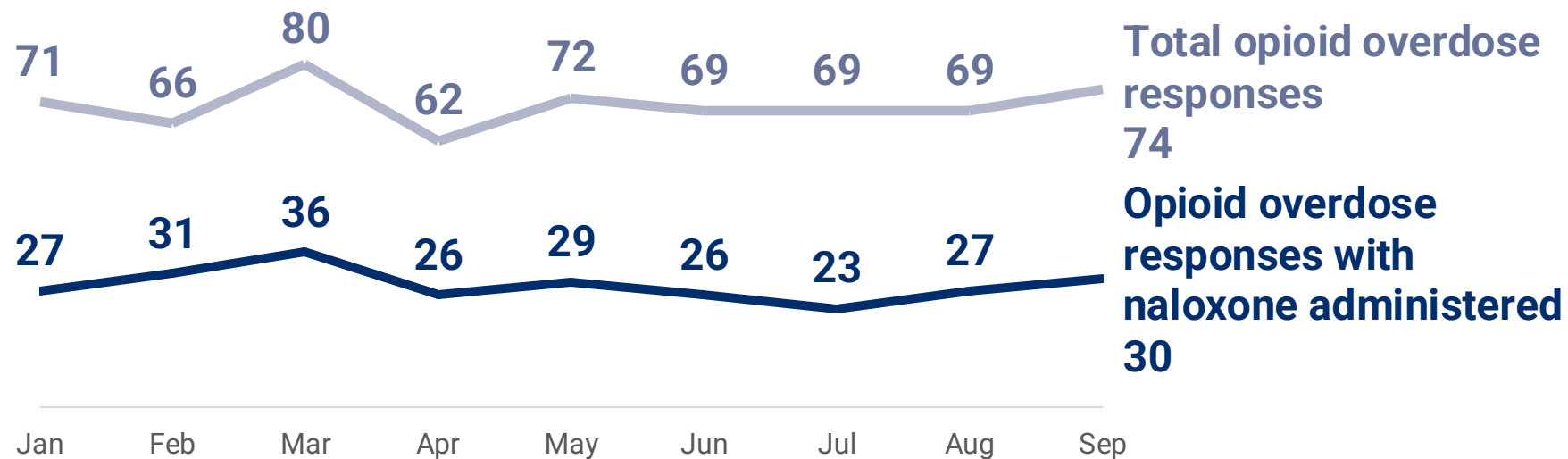


EMS Reports

Key findings

- There were about 70 opioid overdose-related 911 responses per month from Q1 through Q3 2024.
- Naloxone was documented in about 2 in 5 opioid overdose-related 911 responses.

Opioid overdose-related GTA 911 responses by whether naloxone was administered, 2024



Injury and Overdose Indicators Dashboard

Topic

Injury and overdose-related deaths and hospitalizations

Various indicators for drug type, intent

Years

2014-2023



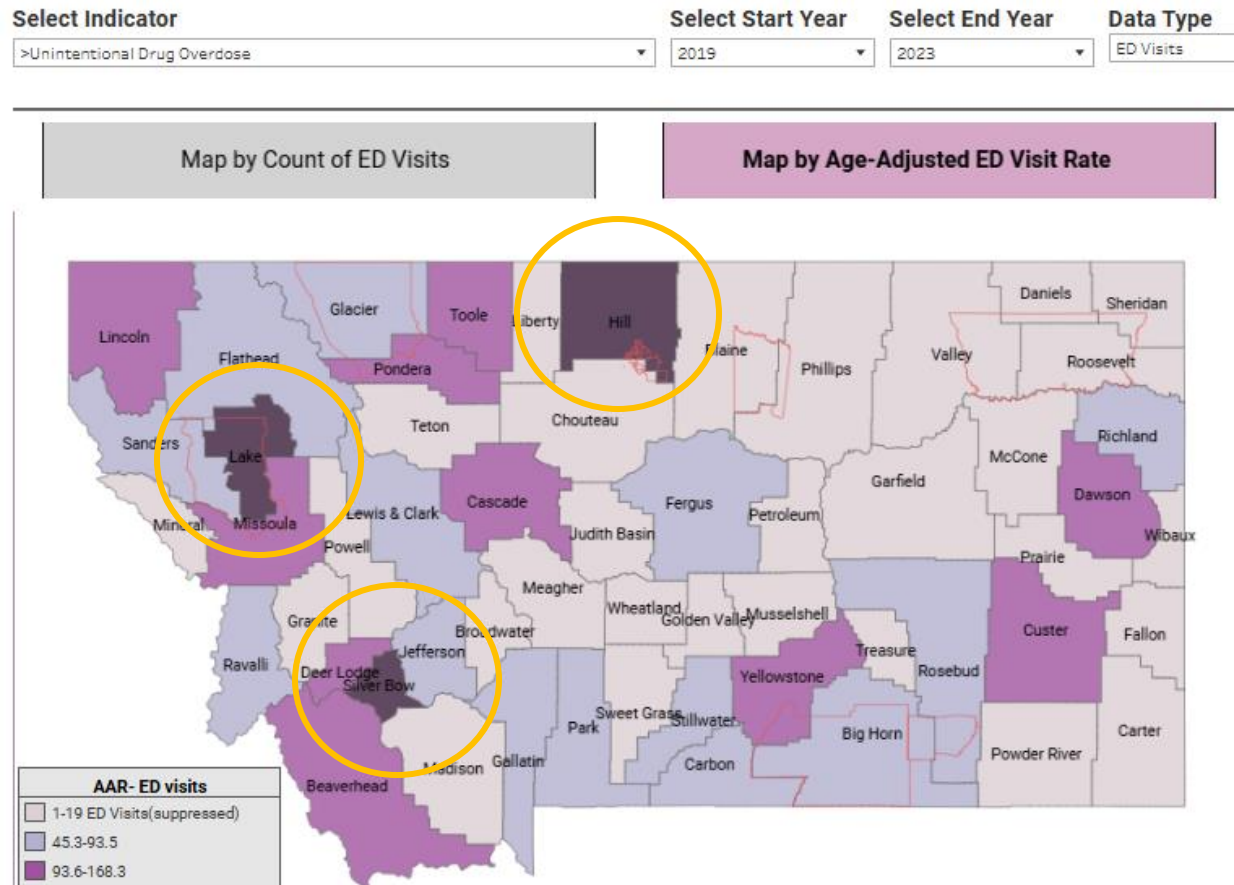
Injury and Overdose Indicators Dashboard

Dashboard is exploratory

- Allows you to find answers to your own questions

Example: You want to know what areas are most affected by nonfatal overdoses

- Hill, Lake, and Silver Bow counties have the highest age-adjusted rates of unintentional drug overdose ED visits (2019-2023).



Where we're at: SUDORS Dashboard

State Unintentional Drug Overdose Reporting System

Topic

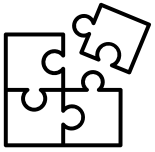
Unintentional drug overdose deaths

Years

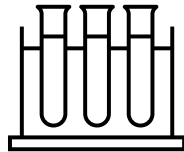
2019-2023



A closer look into SUDORS



Multiple methods are used to identify drug overdose deaths



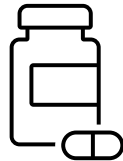
SUDORS includes data on drugs that caused the death as well as any additional drugs detected in the toxicology



Data on circumstances and scene evidence provide the context surrounding overdose deaths



Narratives written by abstractors provide the who, what, when, where, and why surrounding an overdose death



SUDORS data can capture newly emerging drugs

Limitation → missing circumstances or poor data sources



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Explore More Data

The Montana State Unintentional Drug Overdose Reporting System (SUDORS) provides comprehensive information on unintentional drug overdose deaths, which can help to inform prevention and response efforts. This dashboard highlights key data points from the SUDORS dataset.

- Main Page
- Demographics
- Drug Information
- Event Details
- Other Context

Filters

Start Year
2019

End Year
2023

Display data as:
 Count/percent
 Rate per 100k

County
All counties

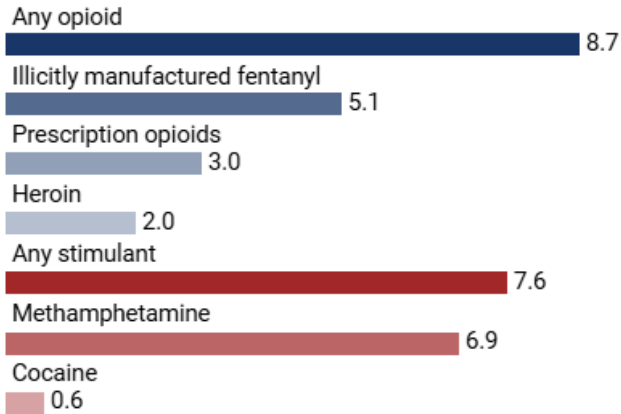
Note: rates are age-adjusted except when broken out by age group

- Documentation
- Resources

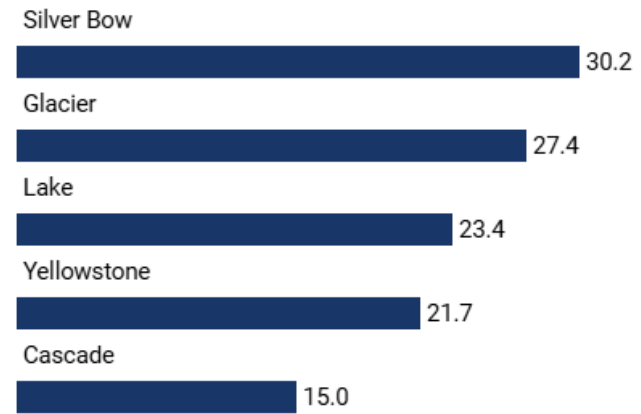
Total deaths
727

Death rate
14.1
per 100k

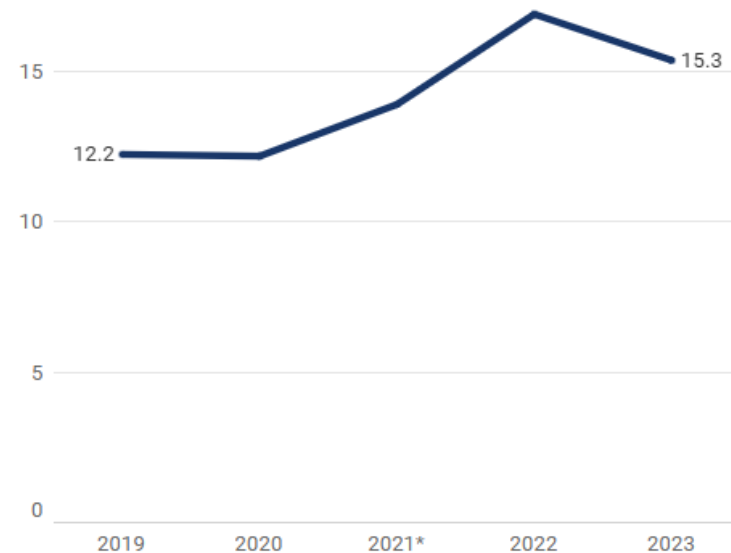
Types of drugs*



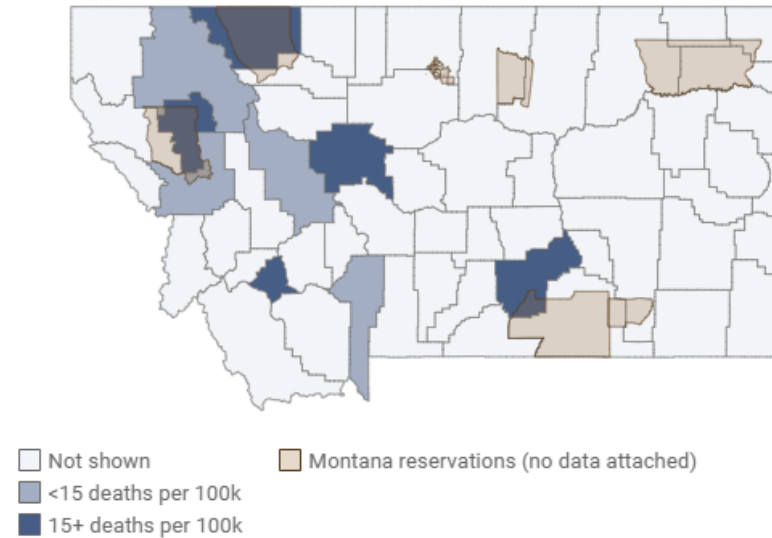
Top County/Countries



Deaths by year



Deaths by county

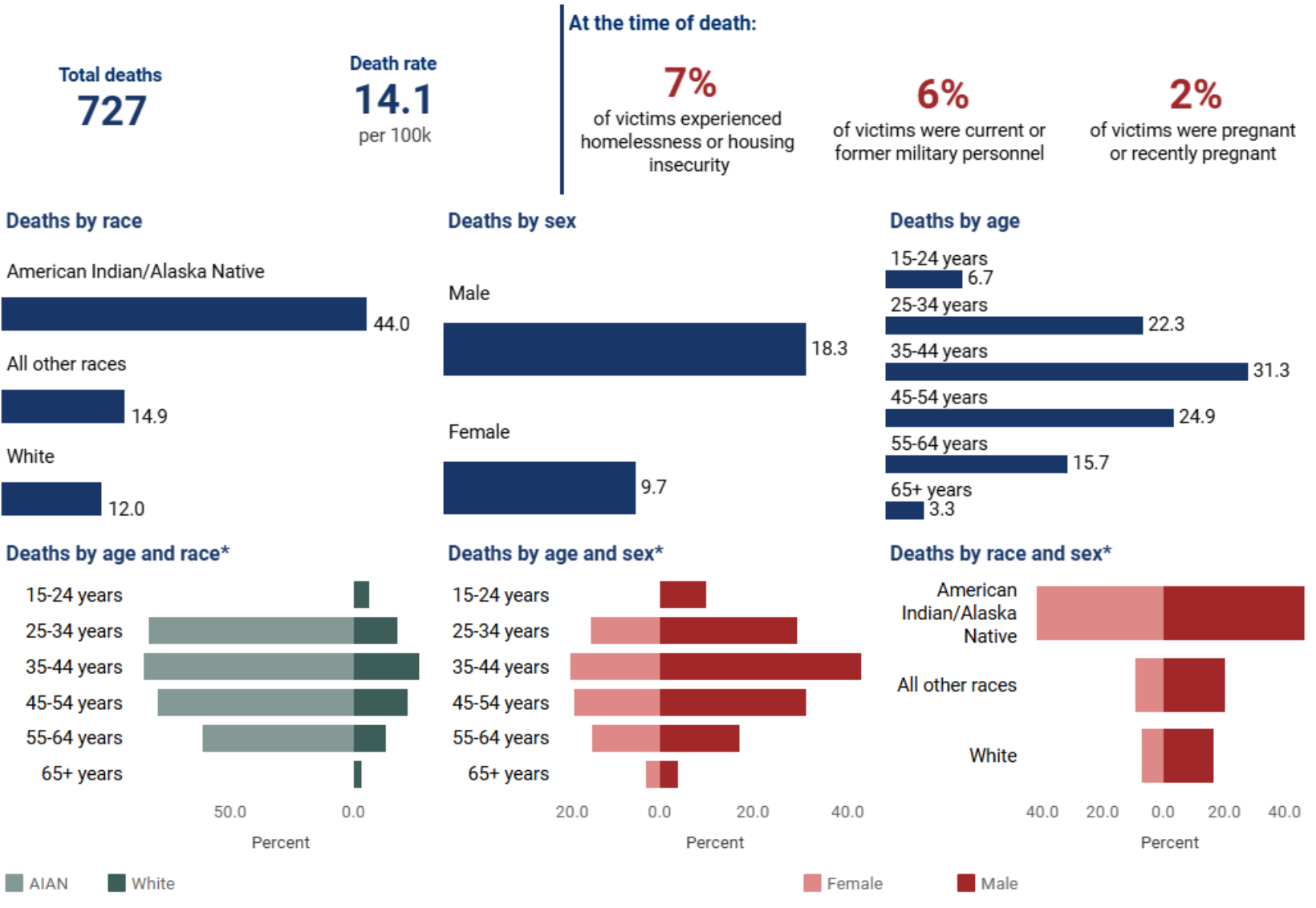


*Percentages and counts for drugs involved may exceed total deaths because deaths can involve multiple drugs. Rates not shown when the number of deaths is <16 for data stability. Data for 2021 may be a slight undercount. See [documentation](#) for further details.

Explore More Data

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 - Other Context
- Filters**
- Start Year
2019
- End Year
2023
- Display data as:
 Count/percent
 Rate per 100k
- Note: rates are age-adjusted except when broken out by age group
- Documentation
 - Resources

Demographics: What groups are most affected by drug overdose deaths?



*Counts not shown when the number of deaths is <5 to protect privacy. Rates not shown when the number of deaths is <16 for data stability. Data for American Indian/Alaska Native and White races exclude people listed as Hispanic. Data for 2021 may be a slight undercount. See [documentation](#) for further details.

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Display data as:
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 Rate per 100k

Note: rates are age-adjusted except when broken out by age group

Documentation

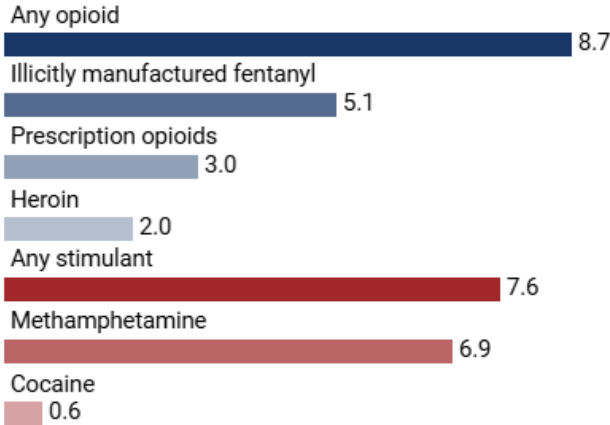
Resources

Drugs: What drugs are listed as cause of death?

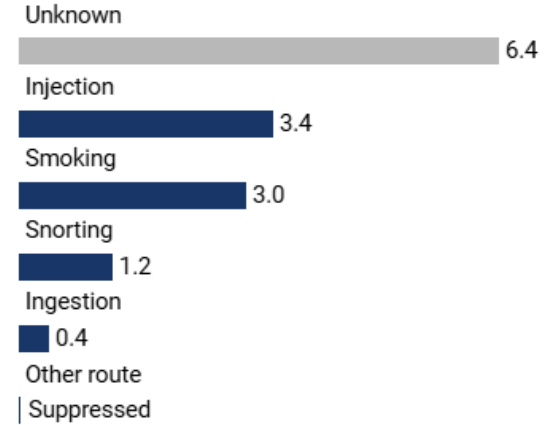
Total deaths
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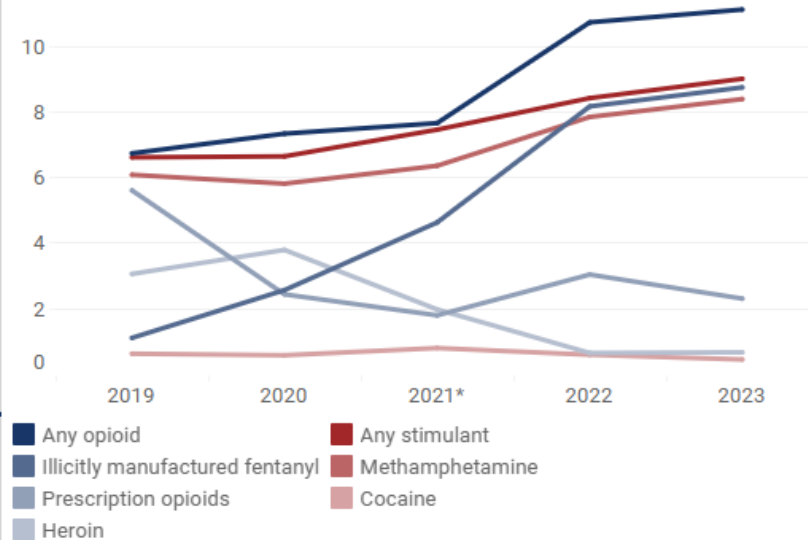
Types of drugs*



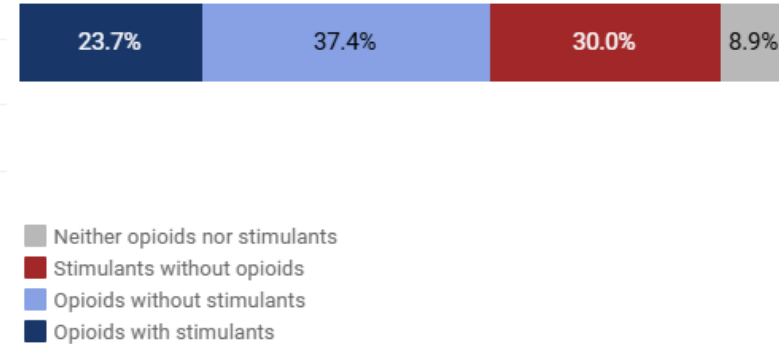
Route of drug use*



Deaths by drug and year* Click a drug to highlight



Drug combinations Hover for rates



*Percentages for drugs involved and drug routes will exceed 100% because deaths can involve multiple drugs and drug routes. Percentages for drug route are based on the number of deaths with a coroner or medical examiner report. Rates not shown for counts <16. Data for 2021 may be a slight undercount. See [documentation](#) for further details.

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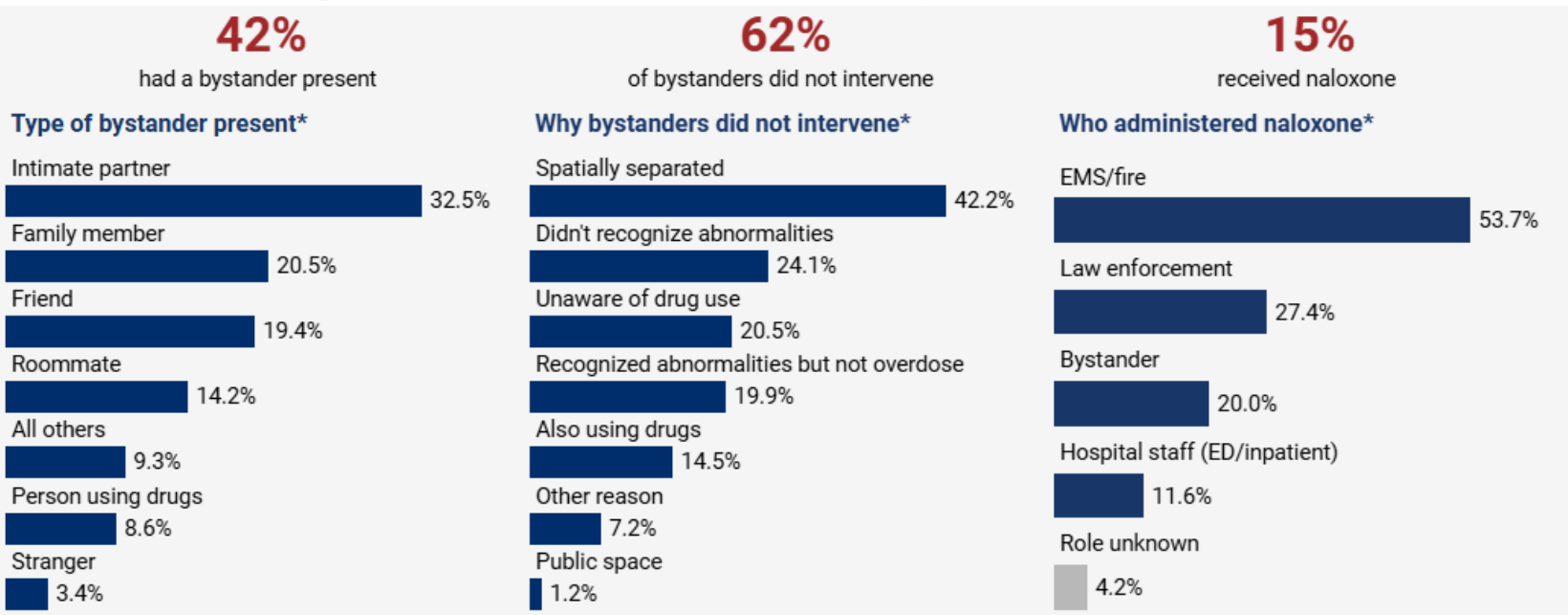
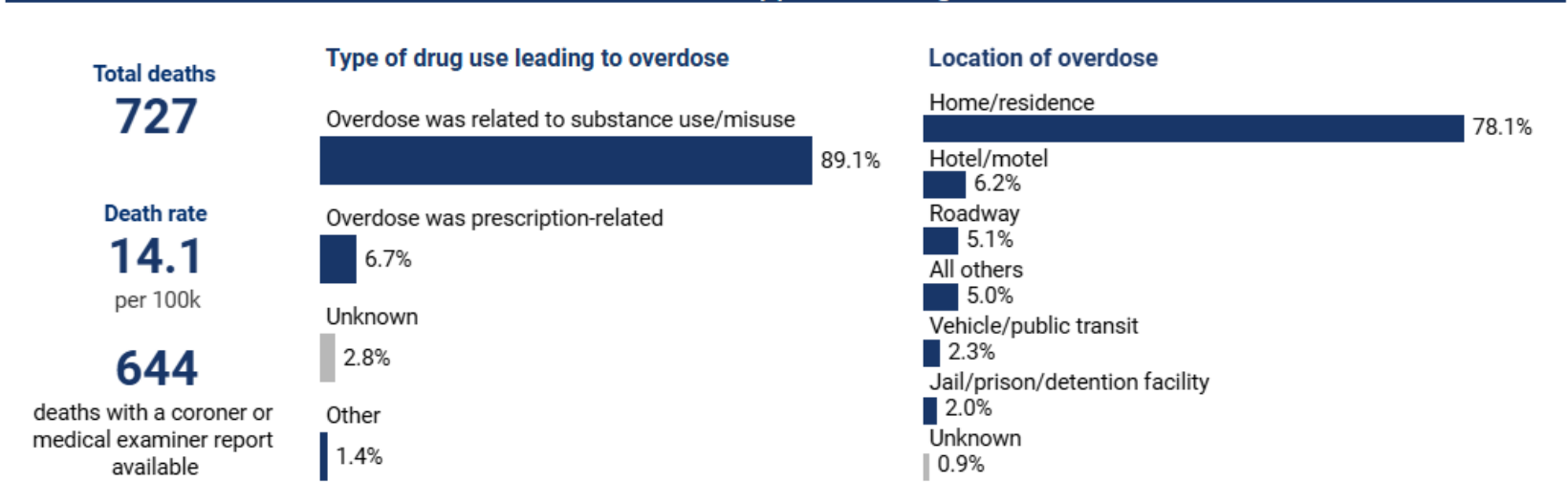
Filters

Start Year
2019

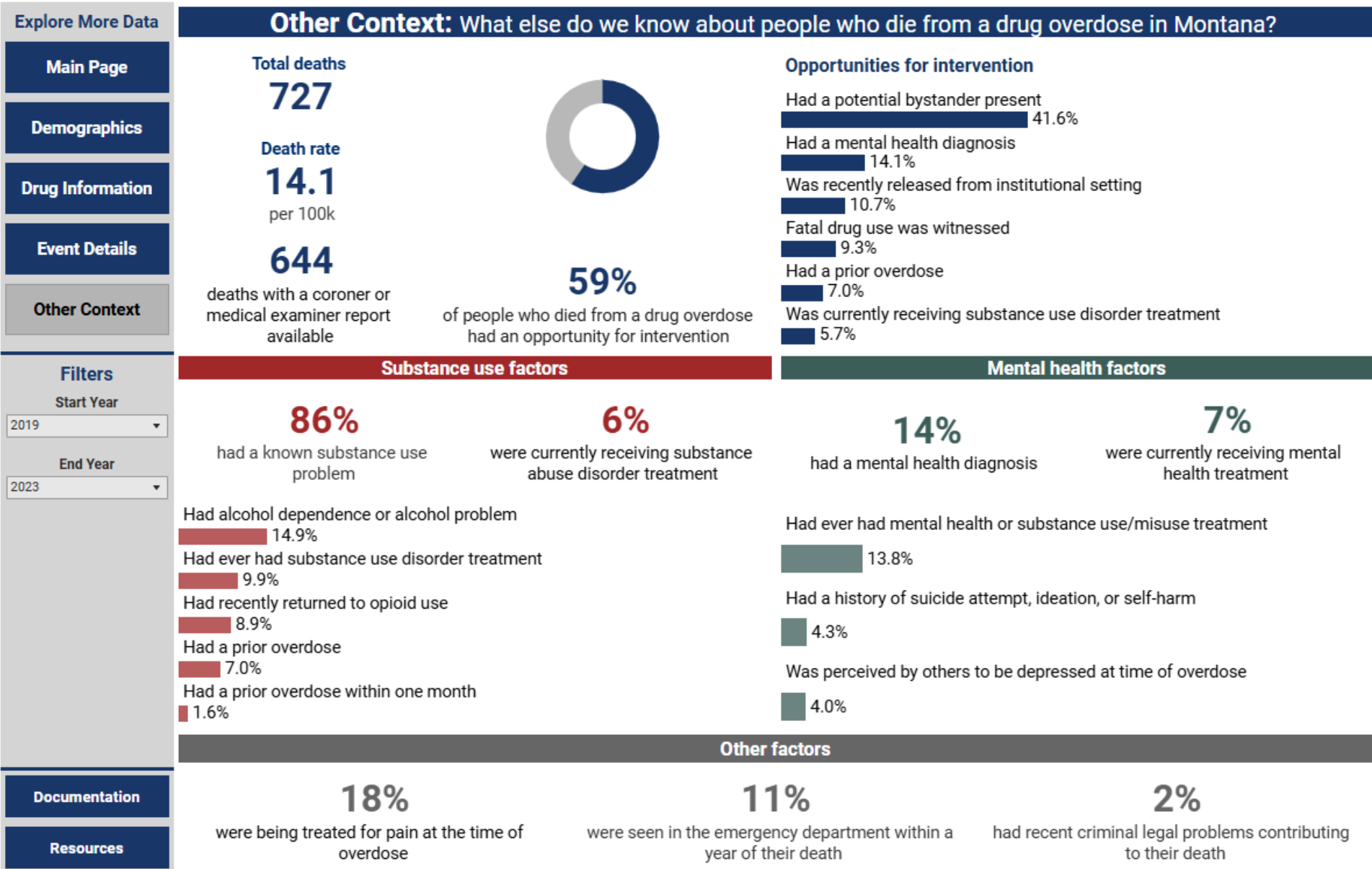
End Year
2023

- [Documentation](#)
- [Resources](#)

Event Details: What happened during the overdose?



*Percentages for bystander and naloxone charts may exceed 100%. All percentages shown are based on the number of deaths with a coroner or medical examiner report available. See [documentation](#) for further details.



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Start Year
2019

End Year
2023

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All percentages shown are based on the number of deaths with a coroner or medical examiner report available. Most variables in this section are based on available evidence and are likely underestimates. See [documentation](#) for further details.

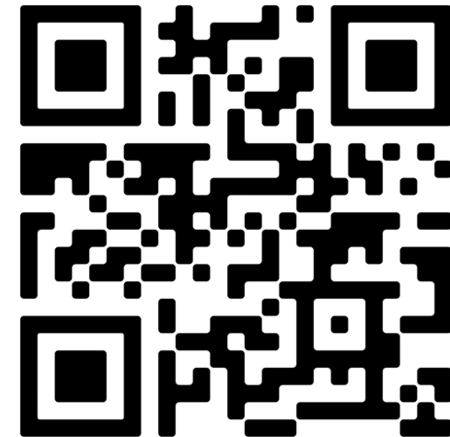
We need you...

...to test the SUDORS dashboard!

- Tell us what's working, what isn't, and what other data you want to see
- No experience required
- Sign up here: <https://forms.office.com/g/7P77QZM9Sm>

Anticipated public release

February/March 2025



Where we're going

Internal surveillance dashboard

Focused on real-time data

- Syndromic surveillance (Emergency Departments)
- Drug seizures
- Urine drug testing

Drug use summaries

- Methamphetamine
- Marijuana
- Alcohol
- Opioids (potential)



Questions?

Contact me

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Website

<https://dphhs.mt.gov/publichealth/EMSTS/data>

