Colorado Consortium for Prescription Drug Abuse Prevention

8th Annual Meeting

Prescription Drug Data Work Group

October 22, 2020
Welcome and housekeeping

Housekeeping
• Participants have been muted
• Session is being recorded
• Please add any questions or comments to the chat box
• Remember to unmute yourself during Q&A
Introductions

• Host: Tyler Payne, Colorado Consortium

• Presenters
  • Peter Rumbach, The Evaluation Center, University of Colorado Denver
  • Barbara Gabella, Colorado Department of Public Health and Environment

• Participants
  – Please share your name, title, and organization in the chat box
  – Ice breaker: Are you new to the Consortium?
Session overview

1. Consortium Data Work Group news
2. State Epidemiological Outcomes Workgroup (SEOW)
3. “State of the state” data presentation
4. Brainstorm future accomplishments
The Data work group focuses on issues relating to the identification, collection, and communication of data and research regarding prescription drug misuse and abuse in Colorado.

https://corxconsortium.org/work-groups/data/
The Consortium Data Work Group is joining the forces with the Colorado State Epidemiological Outcomes Workgroup.
Leveraging commonalities in:

- People
- Purpose
- Patterns/trends in substance use
- Substance Abuse Trends and Response Task Force
The Consortium data work group is now ...

- The SEOW Prescription Drug Data Work Group
- Chair/liaison: Tyler Payne
- Will still receive emails from the Consortium
Colorado State Epidemiological Outcomes Workgroup

https://www.coloradoseow.org/
We are a network of state agencies and data experts brought together to examine the patterns, context, and impact of substance use in our state.
Our 4 Goals

- Characterize Substance Abuse Across the State
- Increase Substance Use Data Availability
- Identify and Address Gaps in Substance Use Data
- Continue to Inform Prevention and Treatment Efforts
SEOW Members

- Receive an orientation packet
- Take a new member survey
- Meet the 3rd Thursday (Jan, Mar, May, July, Sep, Nov)
- Give input on SEOW deliverables & on priorities for prevention, treatment, recovery, and enforcement
- Share data updates or conduct analyses for SEOW
To get connected to the SEOW:
https://www.coloradoseow.org
and click the contact button.
Data Products:
https://www.coloradoseow.org/seow-products/

* Epidemiologic profiles * Alcohol Policy * Topical briefs
Indicators
tracked for
the Colorado Consortium for
Prescription Drug Abuse Prevention:
Misuse and Overdose Deaths

Presenter: Barbara Gabella
Colorado Department of Public Health and Environment
2 Overarching Indicators since 2013

Use:
1. Misuse (2015 forward)

   Non-medical use of prescription pain relievers (2014 and prior)

Impact:
2. Drug overdose deaths involving prescription opioids
4.8% of Coloradans age 12 or older misused prescription pain relievers in the past year...

or about 217,000 Coloradans age 12 or older

without a prescription of one's own;
in greater amounts, more often, or longer than told; or

in any other way not directed by a doctor.

Misuse* of Rx Pain Relievers in 2017-2018

Percent of Coloradans who misused prescription pain relievers in the past year

- National (age 12+): 3.8%
- Colorado (age 12+): 4.6%
- Colorado Age 18-25: 7.5%
- Colorado Age 26+: 4.3%

*Misuse is use in any way not directed by a doctor.

4.6% of Coloradans age 12 or older misused prescription pain relievers in the past year.

Colorado’s result is still in the top tier of states.


Health Impact: Prescription opioid overdose deaths

433 (41%) of the 1,062 drug poisoning deaths in Colorado involved Rx opioid pain relievers in 2019.

32 person (4%) died from an overdose involving both heroin and prescription opioids.

Source: Colorado death certificate data 2019, Vital Statistics Unit
Health Impact: Drug overdose deaths

Age-adjusted rates, Colorado residents, 2010-2019
**Health Impact: Opioid overdose deaths**

Age-adjusted rates, Colorado residents, 2011-2019

![Graph showing opioid overdose rates](chart_image)

**Note:**
- Fentanyl is included in prescription opioids. Some unspecified drugs may be opioid drugs.
- Statistical significant increase: * in one year, ** in two years
Health Impact: Drug overdose ED visits

Age-adjusted rates, Colorado residents, 2016-2019
2019 Data Key Points

Opioids

• The age-adjusted rate of prescription opioid overdose deaths, including fentanyl, increased to 7.3 deaths per 100,000 persons in 2019, from 6.5 deaths in 2018.

• From 2018-2019, the fentanyl death rate doubled in 1 year and contributed to more than half of the prescription opioid rate.

• Heroin death rate is stable from 2016-2019.

• Emergency department rates (not shown) were stable. In 2019, there were 35 visits for prescription opioid overdoses per 100,000 persons and 12 visits for heroin overdose per 100,000 persons.

Other drugs

• In 2019, the age-adjusted rate of psychostimulant overdoses is 5.8 deaths per 100,000 persons, an increase from 3.5 deaths in 2016, and approaching the rate of prescription opioid overdoses.

• From 2012 through 2016, the psychostimulant overdose death rate slowly increased.

• The age-adjusted rate of cocaine overdoses was 2.2 deaths per 100,000 persons, similar to 2016-2018 rates. This rate might be leveling after a single-year doubling from 2015 to 2016.
Total Drug Poisoning Deaths (X40-X44, X60-X64, X85, Y10-Y14)

Any opioid analgesic (T40.2-T40.4) OR heroin (T40.1)

Heroin (T40.1)

Fentanyl (T40.4, specific mention of “fentanyl”)

Methamphetamine (mention of T43.6, "Psychostimulants with abuse potential")

Age-adjusted death rate (per 100,000 population)

Drug poisoning/overdose death rates: Colorado and Denver Metro Area residents, January-May, 2018-2020

Data for 2020 are provisional, and subject to change.
Access data at:

- CDPHE Drug Overdose dashboard
- Consortium Opioid Dashboard
- CDPHE Open Data Portal
- SEOW

Data sources:

- Death certificates
- Hospitalizations & ED billing
- PDMP
- Treatment admissions for SUD
- National Survey on Drug Use & Health
Data Questions
Discussion Questions

1. What data stands out?
2. What are you seeing in your community or work?
3. What one thing would you like to see the SEOW Prescription Drug Workgroup accomplish by October 2020?
4. Join the SEOW Prescription Drug Work Group? Type your name and “join” in the chat box.
Thank you!

Please join us for the general session at 9:45

Please click the link below to join the webinar:
https://ucdenver.zoom.us/j/94087018876
Or Telephone:
US: +1 669 900 6833
Webinar ID: 940 8701 8876