

Pennsylvania Housing Research Center

- The Pennsylvania Housing Research Center (PHRC) provides and facilitates education, training, innovation, research, and dissemination to the residential construction industry for the purpose of improving the quality and affordability of housing.
- Educational programs and publications by the PHRC address a wide range of topics relevant to the home building industry and are designed to reach a diverse audience: builders, code officials, remodelers, architects, developers, engineers, planners, landscape architects, local government officials, educators, etc. to provide professional development and continuing education

PHRC

```
f in Y • @PHRCPennState
```



Description

The construction industry has been adversely impacted by the nation's ongoing opioid crisis. Opioids impact both the overall mental health and wellbeing of the workforce as well as company performance. According to the Bureau of Labor Statistics, in 2023 unintentional overdoses comprised 9.7% of occupational fatalities among all industries. The intersection between or occupational ratalities among all industries. The intersection between substance misuse and suicide is well known. Nationally in 2023, there were approximately 50,000 deaths by suicide in the US, and over 105,000 overdose deaths. Construction has the second highest rate of suicide among major industries with a rate of 56 per 100,000 workers. The construction industry has the highest rate of death from overdose among 19 industries at 130.9 per 100,000 workers. Over 70% of these deaths are related to opioids with the synthetic fentanyl comprising not less than 75% of these.

N. PHRC

Learning Objectives

- Learn how the construction industry and workforce has been adversely 1. impacted by the opioid crisis.
- Discover practical and proven strategies to address first dose prevention to help prevent new persistent opioid use from leading gateways in both 2. Workers Compensation and group health benefit plans.
- Understand the rising risk of fentanyl and psychostimulants (cocaine and methamphetamine) contributing to growing overdose rates. з.
- 4. Learn how to share resources with workers and families to focus on first dose prevention and help promote harm reduction and recovery pathways.
- Consider the risk management consequences versus benefits and the why 5. and how of stocking naloxone in company workplaces and job sites.



The Problem is Well Known

Substance misuse and substance use disorders contributes to absenteelsm, presenteelsm, decreased productivity, safety and quality incidents, turnover, schedule pressures, and profit fade

National Safety Council reports 70% of workplaces have been impacted by opioid crisis

Bureau of Labor Statistics Census of Fatal Occupational Injuries (CFOI)

 2022: 10th consecutive annual increase in number of unintentional overdoses from nonmedical use of drugs and alcohol (525 or 9.5% of the total 5,486 fatalities)
 2023: unintentional overdoses comprised 9.7% of all occupational fatalities (512 of the total 5,283 fatalities)



PHRC

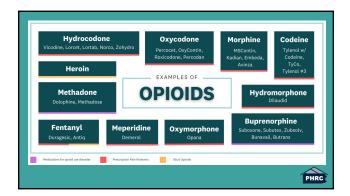
What Are Opioids



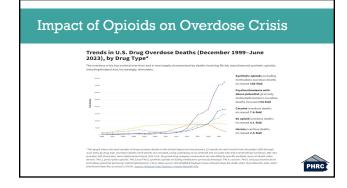
Opioids are a class of medication that are typically prescribed to relieve pain, such as Hydrocodone, Oxycodone, and Morphine.

Opioid pain relievers are generally safe (as prescribed by a doctor), but because they relieve pain and produce euphoria, they can be accidently overused or misused.











Medical News in Brief

March 6, 2024

More Than 40% of US Adults Know Someone Who Died of Drug Overdose

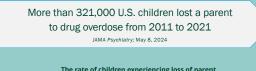
Emily Harris

JAMA. 2024;331(12):1002. doi:10.1001/jama.2024.1571

More than 125 million Americans have lost at least 1 person in their life to a drug overdose

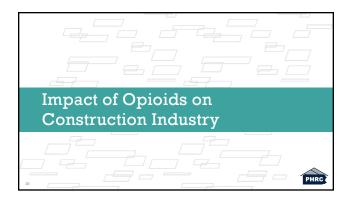
PHRC

PHRC



The rate of children experiencing loss of parent more than doubled during from 27 to 63 children per 100,000

bstract/2818228?utm_campaign=articlePDF&utm_medium=







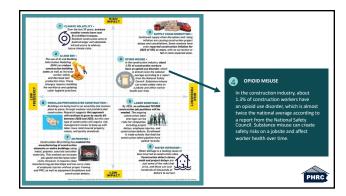
PHRC

Liberty Mutual Insurance 2023 - Evaluation of the Construction Industry

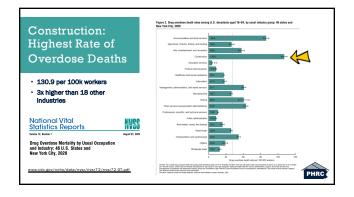
8 Greatest Risks

- 1. Climate Volatility
- Al and BIM (Building Information Modeling)
 Supply Chain Disruptions

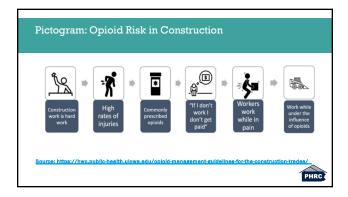
- Supply Chain Distributions
 Opioid Misuse
 Labor Shortages
 Water Intrusion
 Modular/Prefabricated Construction
 3D Printing



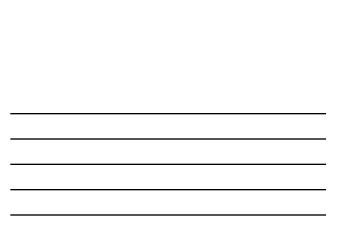


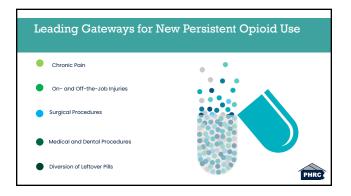




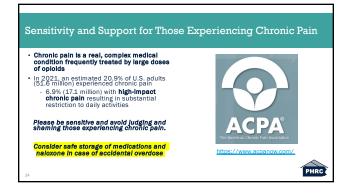














SAN

Challenge: Identify alternatives to opioid pain management for persons in recovery

- 30.5 million adults aged 18 or older (or 12.0%) perceived they ever had a substance use problem.
- Among these adults, 73.1% (or 22.2 million people) consider themselves to be in recovery or to have recovered.



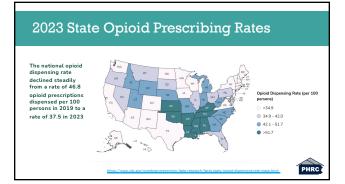
Reality of Prescription Opioids

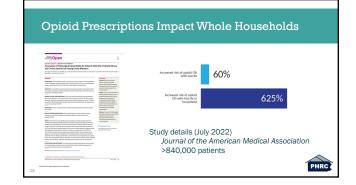
National Institute of Drug Abuse (NIDA) cited frightening statistics about prescription opioids (March 2021):

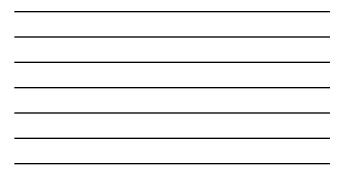
- 21-29% of patients prescribed opioids for chronic pain misuse them
 8-12% of people using an opioid for chronic pain develop an opioid use
- disorder
- 4-6% who misuse prescription opioids transition to heroin
- ${\ensuremath{\cdot}}$ About 80% of people who use heroin first misused prescription opioids

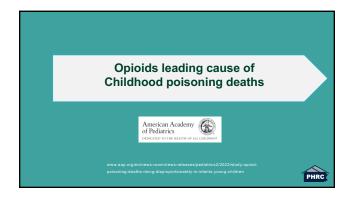
PHRC

ala













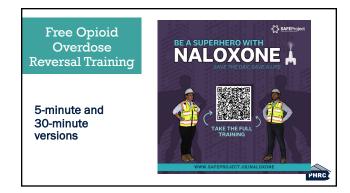


















Call to Action for Home & Family: Opioid First Dose Prevention

1. Discuss opioid risks with all family members (diversion; contaminated and counterfeit supply)

2.Purchase medication lockbox for use with opioids

3.Request Naloxone when prescribed opioids

4. Purchase drug deactivation products

S.Search your home for leftover medications
 Discard at Pharmacy Take-Back Klosk
 Use drug deactivation product for environmentally safe disposal

Cose dug devolution product on environmentary sale objects
 Cose dug devolution product on environmentary sale objects
 Cose dug devolutions and doctors (all specialities) about non-opioid medications, multi-modal pain
 relief, and Enhanced Recovery After Surgery (ERAS) protocols
 7.Use Goldfinch Health Questions to Ask Surgeons before scheduling surgery and request
 ERAS: www.soldfinchhealth.com/wp-content/uploads/2021/09/10-Questions-for-yourg Surgeon.odf

PHRC

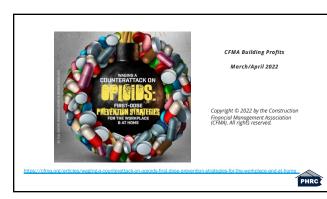
Call to Action for Employers: **Opioid First Dose Prevention**

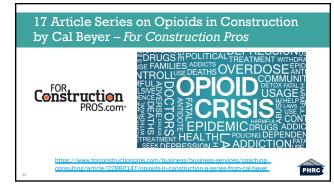
- 1. Educate employees on risks of opiolds
- Institute proactive prevention of musculoskeletal injuries combined with medical case management for early intervention of injuries
- 3. Consider benefits of physical therapy for injury treatment
- Institute oversight process to manage leaves and accommodations for post-surgical return to work
- Initiate a Surgical Quality Analysis on Health Insurance Benefits Claims to Identify opportunities to optimize surgical outcomes 6. If self-funded:

 - Review medication formulary for opioid alternatives
 Consider pre-certification review for inplatient & outpatient procedures and diagnostic imaging for Enhanced Recovery protocols

PHRC

7. Request Workers Comp carrier and Third-Party Administrator (TPA) to offer alternatives to opioids, monitor opioid prescriptions, and request Enhanced Recovery











14