

Substance Use and Work

Examining Challenges and Solutions in Oil and Gas Extraction

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Lifetime Odds of Dying for Selected Causes in the US, 2019



Cause of Death	Odds of Dying
Heart disease	1 in 6
Cancer	1 in 7
Chronic lower respiratory disease	1 in 27
Suicide	1 in 88
Opioid overdose	1 in 92
Fall	1 in 106
Motor-vehicle crash	1 in 107
Gun assault	1 in 289
Pedestrian Incident	1 in 543
Motorcyclist	1 in 899

Exploring the Link: Substance Use and Work

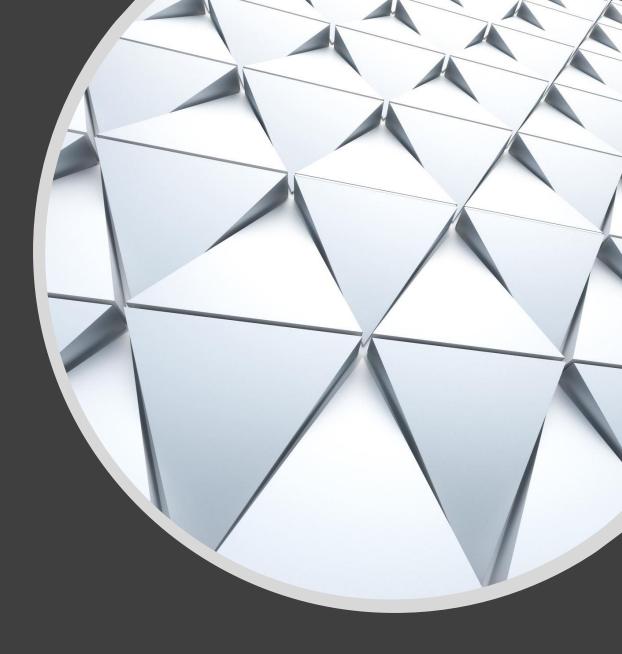
Lack of employment

Insecure employment, new employment arrangements Hazardous work and increased risk of work-related injury

Wages, working conditions that can predispose to chronic health problems or pain

Lack of benefits/paid sick leave

Industry/occupational, cultural, and geographic differences



Substance Use Disorders in Workers



- 1 in 12 workers has an untreated substance use disorder (SUD).
- Construction, mining, and service occupations have the highest rates of alcohol and other drug use disorders – and jobs in these industries are often <u>safety-sensitive</u> positions.
- Industries with higher numbers of workers with alcohol use disorders also have more workers with illicit drug, pain medication, and marijuana use disorders.

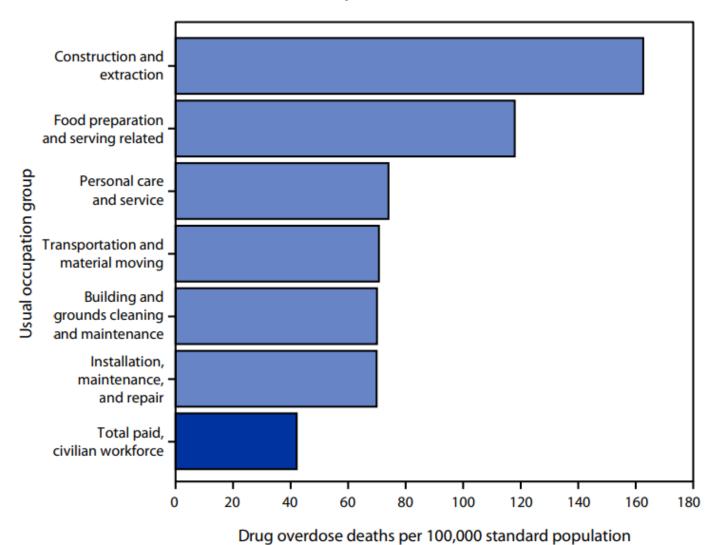
Illicit Drug Use and Overdose Deaths Among US Workers



- According to the National Survey of Drug Use and Health, in 2019, an estimated 3.8% of respondents aged 18 years or older reported illicit drug use in the previous year. An estimated 63.5% of these self-reported users were employed full- or part-time.
- In 2019, <u>93%</u> of the 70,630 US drug overdose deaths occurred among the working age population, persons aged 15-64 years.
- In 2019, the Bureau of Labor Statistics reported that overdose deaths at work from non-medical use of drugs or alcohol accounted for <u>5.8%</u> of occupational injury deaths, the seventh year in a row that this percentage increased. (In 2013, this percentage was <u>1.8%</u>.)

Age-Adjusted Drug Overdose Death Rates* Among Workers Aged 16–64 Years in Usual Occupation† Groups with the Highest Drug Overdose Death Rates — National Vital Statistics System, United States,§ 2020





QuickStats: Age-Adjusted Drug Overdose Death Rates Among Workers Aged 16–64 Years in Usual Occupation Groups with the Highest Drug Overdose Death Rates — National Vital Statistics System, United States, 2020. MMWR Morb Mortal Wkly Rep 2022;71:948.

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Prescription Drug Misuse and Employers



- Over <u>70%</u> of 501 HR decision makers said their workplace has been impacted by prescription drugs.
- Only <u>19%</u> of respondents felt extremely well prepared to deal prescription drug misuse.
- Less than <u>50%</u> were very confident they had appropriate HR policies and resources to deal with prescription drug misuse or abuse.
- Less than <u>50%</u> would return an employee to their position after the employee receives appropriate treatment.

Stigma Around SUD Remains Pervasive Among Public—and Practitioners



The Shatterproof Addiction Stigma Index (SASI) was conceived to assess attitudes about substance use and those who engage in substance use.



Almost 3 in 4 respondents find someone currently using substances to be untrustworthy



One in three are unwilling to move next door to a person currently using substances or have them as a personal friend



Over half of respondents indicated that a person's SUD is caused by their own bad character or lack of moral strength



3 in 4 respondents do not believe that a person with a SUD is experiencing a chronic medical illness

The Cost of Substance Use Disorders (SUDs)



- The average employer pays <u>\$2,918</u> in health insurance premiums or self-pay annually for workers without SUDs. For those with SUDs, those costs are approximately <u>\$4,770</u> per worker, and <u>\$3,961</u> per worker in recovery.
- Additional annual average costs to an employer for each worker with an untreated SUD have <u>risen 30% in just three years</u>.
- Employers spend an average of \$8,817 annually on each employee with an untreated SUD.

Workers in Recovery



- Each employee who recovers from a SUD saves a company over \$8,500 on average.
 - Treatment prompted or mandated by an employer is more successful than treatment initiated or encouraged by friends or family members.
- Workers who are actively in recovery help employers avoid \$8,175
 in turnover, replacement, and healthcare costs.

Increase in Fatal Drug Overdoses Across the United States Driven by Synthetic Opioids Before and During the COVID-19 Pandemic



- The recent increase in drug overdose mortality began in 2019, prior to the declaration of the COVID-19 National Emergency in the United States in March 2020, and has continued.
- The increases in drug overdose deaths appear to have accelerated during the COVID-19 pandemic.
- Synthetic opioids are the primary driver of the increases in overdose deaths. State and local health department reports indicate that the increase in synthetic opioid-involved overdoses is primarily linked to illicitly manufactured fentanyl.



Overdose Deaths Reached Record High as the Pandemic Spread



More than 100,000 Americans died from drug overdoses in the yearlong period ending in April, government researchers said.



A memorial service in Baltimore last year for a man who died of an overdose. Overdose deaths have more than doubled since 2015. Andrew Mangum for The New York Times

- Up 30% from prior year; more than the toll of car crashes and gun fatalities combined
- Largely a result of lost access to treatment, rising mental health problems, and wider availability of dangerously potent street drugs
- About 70% of deaths were among men between the ages of 25 and 54

"It has to be easier to get treatment than to buy a bag of dope."

Total Worker Health is defined as policies, programs, and practices that integrate protection from work-related safety and health hazards with promotion of injury and illness-prevention efforts to advance worker well-being.

The Promise of Total Worker Health®

- Reduction in workplace injuries and illnesses
- Improved workers' job satisfaction
- Enhanced organizational culture of trust, safety, health
- More energizing, meaningful work
- Reduction in work-related stress
- Improved health opportunities, more informed decision-making
- More productive employees
- Reduction in healthcare costs
- Family, community, and societal gains

What is Total Worker Health? | NIOSH | CDC

NIOSH Recommends *Total Worker Health®* Strategies to Combat Substance Use Harms



....policies, programs, and practices that integrate protection from work-related safety & health hazards with promotion of injury and illness prevention efforts to advance worker well-being.

But why does this matter for opioid use and misuse?

- Effects of opioid use/misuse are not isolated to work or home environments
- Prevention and intervention require comprehensive, integrated solutions
- Coordinated "systems approaches" are vital, meet the needs of workers more completely, and are more efficient

Workplace Supported Recovery



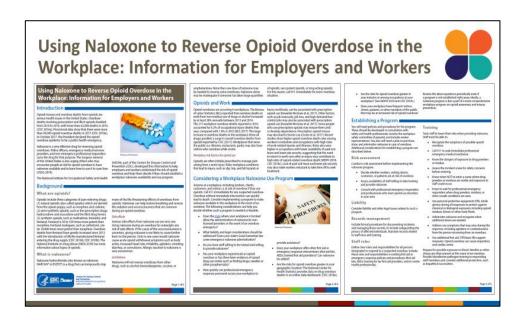
A recovery-supportive workplace aims to **prevent exposure** to workplace factors that could cause or perpetuate a substance use disorder while **lowering barriers** to seeking care, receiving care, and maintaining recovery.

A recovery-supportive workplace **educates** its management team and workers on issues surrounding substance use disorders to **reduce the all-too-common stigma** around this challenge.

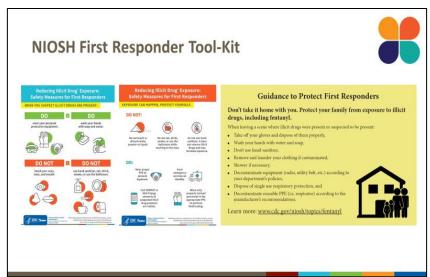
- Workplace Supported Recovery Program | NIOSH | CDC
- New NIOSH Research Addresses an Evolving Crisis | Blogs | CDC
- <u>Recovery-Ready Workplace Resource Hub | U.S. Department of Labor</u> (dol.gov)

Policy
Education
Stigma reduction
Sensitivity to disparities
Resources and support
Work environment
Workplace substance use climate
Health and well-being programs
Employment
Focus on the future workforce

NIOSH Resources for Employers









WORKPLACE SOLUTIONS

affect individual workers, their fami-

about \$2.8 billion was for treatment

In 2016, individuals with insurance

coverage received \$2.6 billion in ser-

vices for treatment of opioid addiction

and overdose, a dramatic increase from

\$0.3 billion in 2004 (based on claims

\$2.6 billion, \$1.3 billion was for outpa-

tient treatment, \$911 million was for

inpatient care, and \$435 million was

for prescription drugs [Cox et al. 2018].

[Florence et al. 2016].

Medication-Assisted Treatment for Opioid Use Disorder

to claim lives across the country with a (This number represents 67.8% of the 70,237 overdose deaths from all drugs) [CDC 2018a]. More Americans now of every year from drug overdoses than in notor vehicle crashes [CDC 2016]. The toll on certain parts of the U.S. work force. High rates of opioid overdose deaths have occurred in industries with high injury rates and physically demand truction, mining, or fishing [Massachu etts Department of Public Health 2018: CDC 2018b]. Certain job factors such as high job demands job insecurity, and linked to opioid use [Kowalski-McGraw et al. 2017]. Medication-assisted treatsased treatment*) has been shown to be effective for many people with opioid al Academies of Sciences, Engineerin and Medicine 2019]. In addition to previding general information about MAT, this document provides information for employers wishing to assist or support workers with opioid use disorder.

Background

Challenges related to prescription drug misuse, illicit drug use, and addiction lies, and both large and small businessworker annually (based on 2012-2014 es. In a 2017 National Safety Council data) by getting workers into treatment [NSC et al. 2016; NORC]. survey, 70% of employers reported suffering the negative effects of prescription drug misuse; noting positive drug tests, absenteeism, injuries, accidents and overdoses [Hersman 2017]. In 2013, the total U.S. societal costs of pre scription opioid use disorder (OUD) and overdoses were \$78 billion. Of that,

Despite these findings, 80% of individuals in need of treatment for a substance use disorder in 2016 did not receive treatment [CBHSQ 2017]. Making medication-assisted treatment (MAT) more readily available to people with OUD can help diminish the opioid crisis in the

Treatment

What is medicationassisted treatment (MAT)?

U.S. Food and Drug Adm involving misuse of either prescription

Note that some experts recommend the term "medication-based treatment" or MRT instead of MAT. This change in nomenclature aligns with the premise that OUD is a chronic disor for which medications are first-line treatments (often an integral part of a person's long-term tional Academies of Sciences, Engineering, and Medicine 2019).

The White House Council of Economic Advisers (CEA 2017) estimated the eco these deaths related to opioids "using conventional economic estimates for valuing life rou tinely used by U.S. Federal agencies. The CEA report Talso adjusts for underreporting of opi oids in overdose deaths, includes heroin-related fatalities, and incorporates nonfatal costs of opioid misuse." CEA estimates that in 2015, the economic cost of the opioid crisis was \$504.0 billion, or 2.8 percent of GDP that year







Resources





Get Help



988 Suicide & Crisis Lifeline

Call or text 988

TTY: 1-800-799-4889

Free and confidential support for people in distress, 24/7.



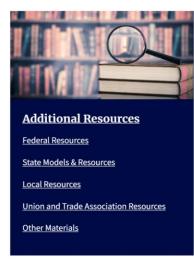
National Helpline

1-800-662-HELP (4357)

TTY: 1-800-487-4889

Treatment referral and information, 24/7.





Disaster Distress Helpline

Disaster Distress Helpline

1-800-985-5990

TTY: 1-800-846-8517

Free and confidential support for people in distress, 24/7.

Find Treatment

FindTreatment.gov FindTreatment.gov is an online source of information for persons seeking substance use and/or mental health treatment facilities in the United States or U.S. Territories. Enter a starting location: Enter your address, city, or zip code

Recovery-Ready Workplace Resource Hub | U.S. Department of Labor (dol.gov)



"COVID-19 has cracked stigma's armor; it's put a foot in the door that has, for so long, shut people off from seeking and receiving help"

Thank you!

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For more information, contact CDC 1-800-CDC-INFO (232-4636) TTY: 1-888-232-6348 www.cdc.gov

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