

# Safety Training in Oil and Gas Can Help Save Lives and Reduce Injuries



In the oil and gas industry, where safety hazards are an everyday reality, substantial safety training plays a crucial role in supporting employee safety and reducing financial losses.

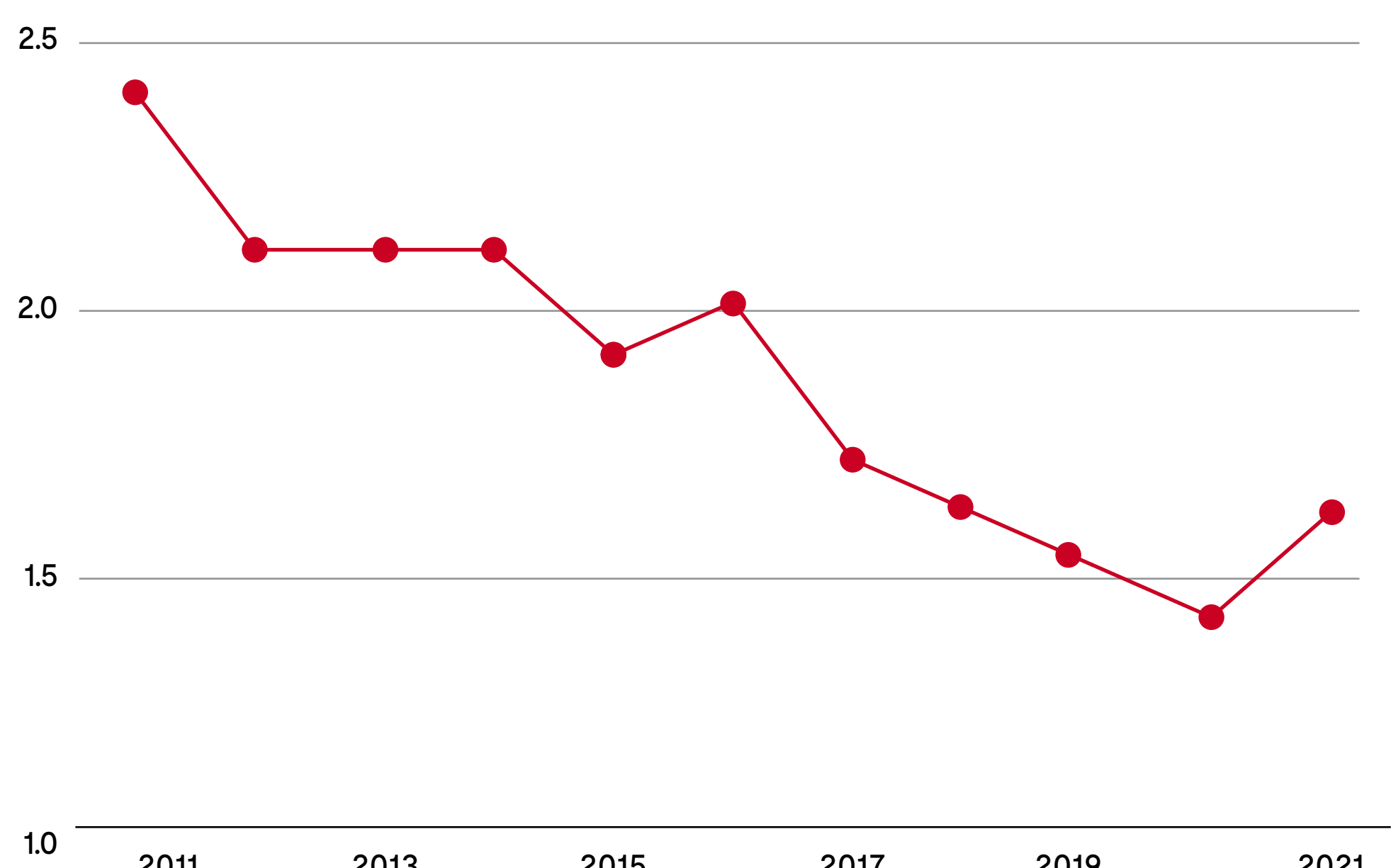


## Oil and gas workers face many safety risks

While drilling and servicing a well, the different industrial processes that oil and gas industry workers execute can expose them to a range of **safety hazards**, including vehicle collisions, struck-by/caught-in/caught-between hazards, explosions, and fires, falls, etc.

U.S. oil and natural gas industry nonfatal injuries and illness rates, 2011-2021

● Incident rate per 100 full-time workers



Despite a slight rebound in 2021, workplace incident rate has **gone down** in the U.S. oil and gas industry over the years, likely thanks to **greater and better implementation of safety training programs**. However, lives continue to be lost due to preventable safety incidents.

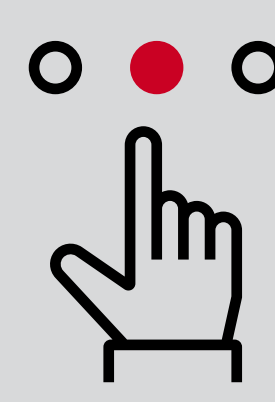
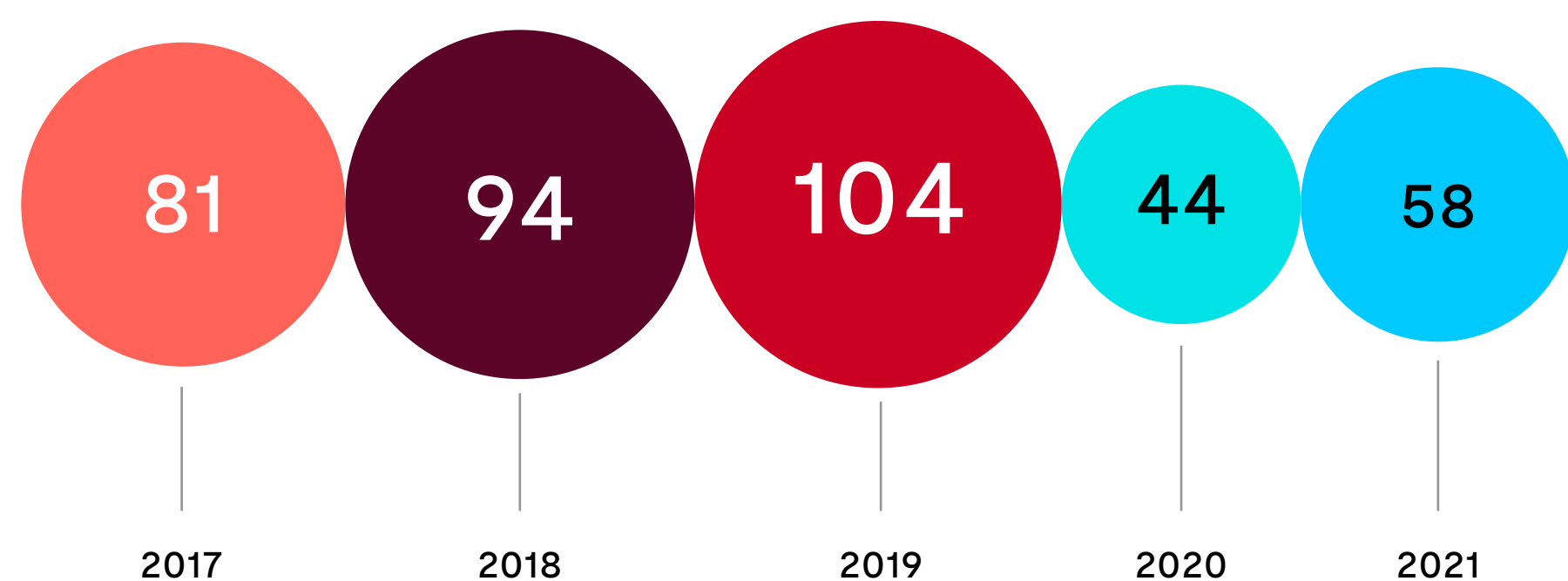


## Safety hazards injure and kill workers

Likely due to the decrease in oil and gas production during the **COVID-19** pandemic, the number of fatal occupational injuries **dropped sharply** in 2020 and 2021.

Nevertheless, **58** oil and gas workers **lost their lives** during work in the United States in 2021.

Fatal occupational injuries in U.S. private-sector oil and gas extraction industries



**Organizational factors** and **human error** combined with **safety hazards** often cause such fatal incidents.



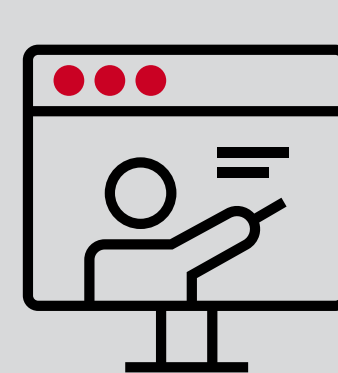
## Incidents are avoidable

**Inadequate safety measures** in organizations as well as **insufficient safety awareness** in employees can prove lethal when combined with already-existing safety hazards.

Leading causal factors assigned to fatal incidents\* in the global oil and gas industry, 2012-2021



\*Cumulative number of fatal incidents



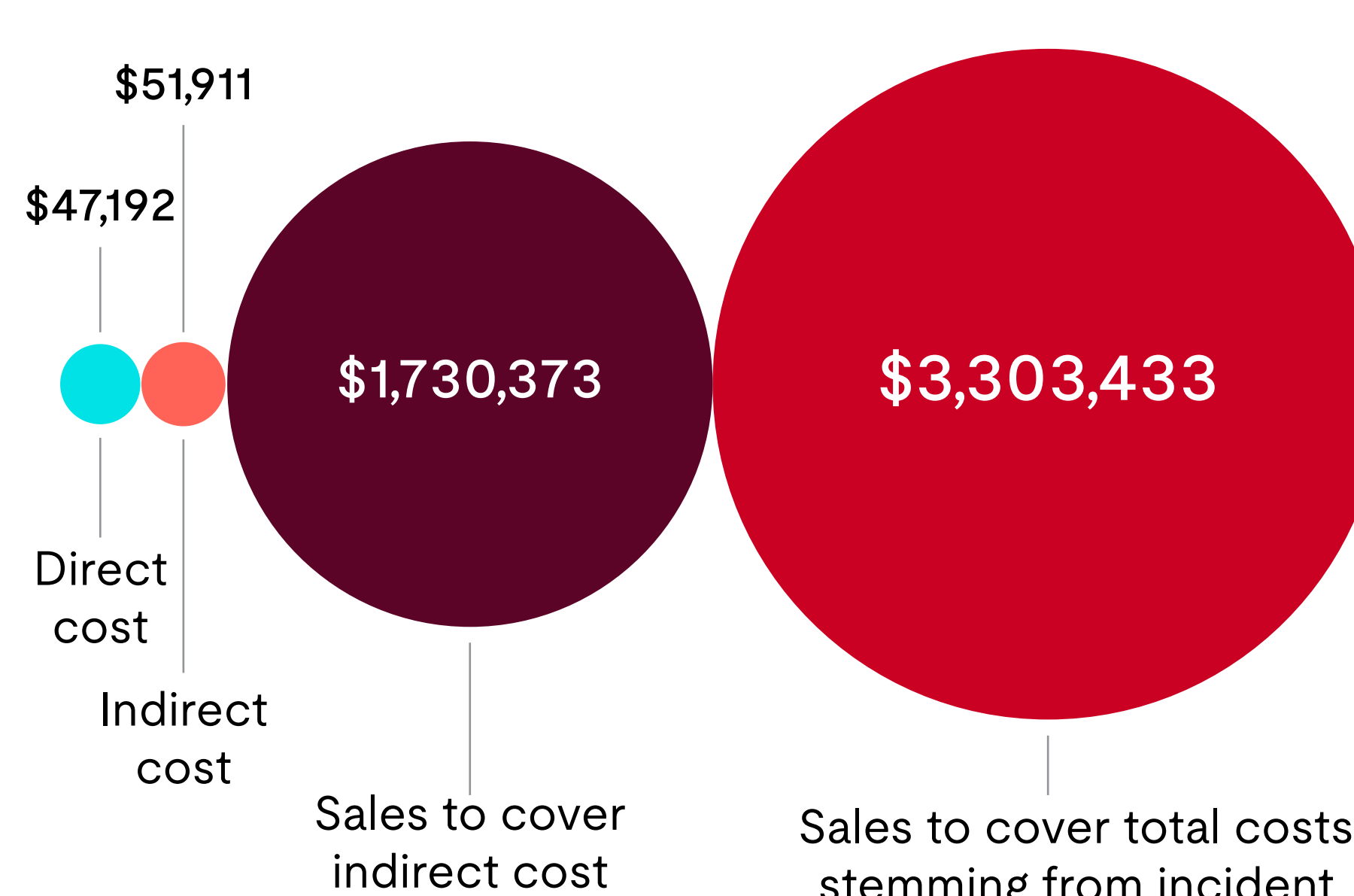
**Safety training** can help mitigate such incidents that result from human errors by supporting the establishment and maintenance of adequate risk assessment and the cultivation of greater **safety awareness** and better safety practices, ultimately helping to save lives.



## Safety incidents have significant financial consequences

Other than **causing injuries** and **loss of lives**, safety risks also have serious **financial repercussions**. Neglected safety hazards interrupt business and incur direct and indirect expenses.

Costs resulting from a single burn injury (in US dollars)



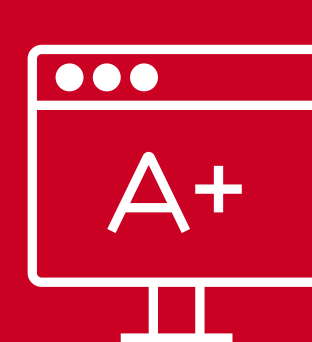
To cover the cost of a **single burn injury**, companies need to generate more than **\$3 million** in sales revenue.



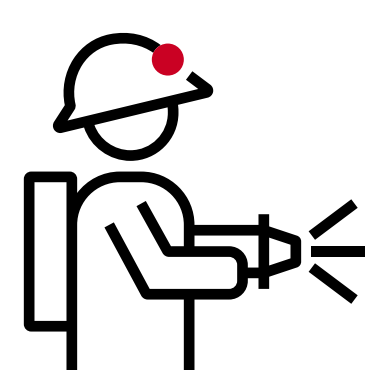
## As an OSHA-authorized training provider, UL Solutions presents PureSafety® for oil and gas

PureSafety® is a **modern safety training system** that helps manage health and safety in the workplace, helping to prevent injuries and loss of lives as well as financial losses.

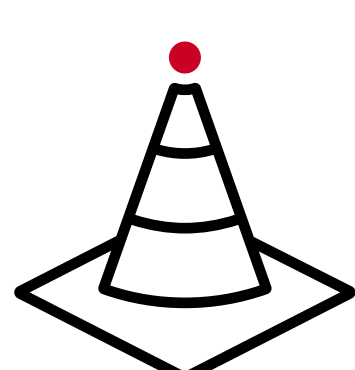
UL Solutions' industry-leading learning management system (LMS) and focused oil and gas training content reinforce best safety practices in extraction and production activities and help your employees apply these practices in the workplace.



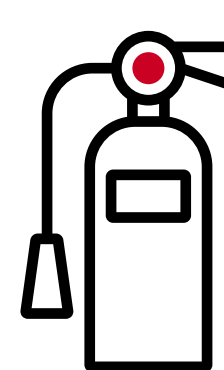
With best-in-class training content, state-of-the-art design and an easy-to-use layout, PureSafety® offers customized safety training that can help:



Promote a safer workplace



Create and maintain a safe culture in your workplace



Reduce safety incidents



Meet oil and gas regulatory requirements

Sources: American Petroleum Institute, IOGP, OSHA, U.S. Bureau of Statistics, UL LLC

Learn more at [UL.com/oilandgassafety](https://www.ul.com/oilandgassafety)

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