

Construction Program PPOP

What are our priorities?

The National Institute for Occupational Safety and Health (NIOSH) Construction Program works with partners in industry, labor, trade associations, academia, professional organizations, and other government organizations. The program focuses on construction worker safety and health in these areas:

- Preventing injuries and fatalities related to falls and struck-by incidents
- Reducing hearing loss among workers
- Reducing hazardous respiratory exposures among workers, especially to crystalline silica
- Reducing injuries and musculoskeletal disorders related to emerging or new technologies

What do we do?

- Raise awareness of evidence-based ways to prevent falls in the construction industry:
 - Promote the NIOSH research-based national [Campaign to Prevent Falls in Construction, and the Safety Stand-Down](#).
 - Evaluate the success of the Campaign in collaboration with the NIOSH-funded Center for Construction Research and Training (CPWR) and the Occupational Safety and Health Administration (OSHA).
 - Develop fall prevention tools, educational materials, trainings, and other resources and disseminate through electronic, web, and social media.
- Provide information, tools, and resources to advance hearing loss prevention efforts, encourage manufacturers to design and produce quieter equipment while encouraging companies to purchase or rent quieter machinery.
- Increase availability and use of silica dust controls. The Program focuses on the tasks with common and high silica exposures, such as tuckpointing and installing natural or engineered stone countertops.
- Increase the availability and use of effective interventions to improve practice (research-to-practice or r2p) in the construction industry.

What have we accomplished?

- Represented the construction program through presentations at five National Construction Conferences hosted by several industry stakeholders.
- Published a series of science blogs and articles on relevant construction topics including [small business](#), [hearing loss](#), [heat stress](#), and the [future of construction](#).
- Conducted a series of webinars on coronavirus disease 2019 (COVID-19), reaching thousands of participants. Produced numerous key COVID-19 guidance documents including [“What Construction Workers Need to Know about COVID-19”](#) and two [construction checklists](#).
- Collaborated with CPWR on content for the [CPWR COVID-19 Construction Clearinghouse](#).
- Conducted two National Stand-Down events for prevention of falls and struck-by incidents in construction, as well as several [Prevention through Design](#) events.

What's next?

- Conduct research and develop webinars, videos, blogs, infographics, and other communication products targeting key construction stakeholder groups to prevent ongoing safety and health hazards in construction.
- Develop and support research to address other important construction topics including:
 - Use of robotics, exoskeletons, drones, and other emerging technologies in construction.
 - Improving healthy work design interventions to advance the well-being of construction workers, including attention to substance use disorders, suicide prevention, and mental health concerns.
- Support and collaborate with partners on current issues related to COVID-19 and sector guidance, including vaccination programs.
- Update the Construction Program strategic plan to reflect progress and new goals.



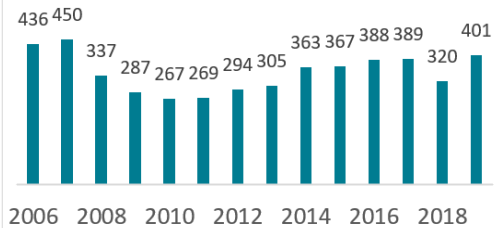
Centers for Disease Control and Prevention
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At-A-Glance

The Construction Program aims to eliminate work-related injuries, diseases, & fatalities among construction workers. This snapshot shows recent accomplishments & upcoming work.

Number of fatalities from falls in construction (all employment), 2006-2019



Source: U.S. Bureau of Labor Statistics, 1992-2019 Census of Fatal Occupational Injuries. Numbers are from the online CFI database.

Publication Spotlight:

Struck-By Injuries Infographic



Construction COVID-19 Checklist for Employees

To learn more, visit
www.cdc.gov/niosh/programs/const
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