Focuses on these areas:
The National Institute for Occupational Safety and Health (NIOSH) Construction Program works with partners in industry, labor, trade associations, professional organizations, and academia. The program focuses on these areas:
• Preventing injuries and fatalities related to falls from roofs, ladders, and scaffolds
• Reducing hearing loss among construction workers
• Reducing hazardous respiratory exposures among construction workers, especially silica
• Reducing injuries and musculoskeletal disorders related to emerging or new technologies

What have we accomplished?
• Produced several products on emerging issues in construction including a journal article and blog on drones in construction, a blog and presentation on automation and robotics, a blog on exoskeletons, and a blog on cured-in-place pipe.
• Developed five videos and four infographics in support of the National Falls Campaign and Stand-down in collaboration with CPWR.
• Contributed to safer construction tools and equipment by conducting construction research on engineering controls. This research was included in Table 1 of the OSHA silica standard.
• Conducted a series of five webinars concerning the role of insurance and workers’ compensation in construction. These webinars were well-attended and are posted on the NIOSH construction webpage.

What’s next?
• Investigate better ways to deliver occupational safety and health messages to small construction businesses.
• Collaborate with the American National Standards Institute (ANSI) on ANSI A10 standards and related guidance for construction.
• Work with stakeholders and partners in the nailgun industry to advance safer use of power tools.
• Encourage use and application of the Leadership in Energy & Environmental Design (LEED®) Pilot credit for Prevention through Design (PtD).
• Conduct research on use of exoskeletons or other emerging technologies in construction to determine if they improve health and safety.
• Conduct research activities to improve surveillance, sampling, and control of silica exposures and document trends since the new OSHA standard.

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

Number of fatalities from falls in construction, 2004-2015 (All employment)

Rate of hearing loss in construction (Private wage- and salary workers, per 10,000 workers)

Age-adjusted silicosis death rate (per million U.S. residents age 15 and over)

Cumulative downloads of “Safety Culture and Climate in Construction: Bridging the Gap Between Research and Practice”

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

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