

Campaign to Prevent Falls in Construction

Safety Pays. Falls Cost.
stopconstructionfalls.com

Welcome to Today's Webinar on Getting Ready for the 2019 Safety Stand-Down

Presented by

Scott Earnest, Ph.D., P.E., C.S.P., Deputy Director, CSH, NIOSH

Scott Ketcham, CSP, Acting Director, DOC, OSHA

Chris Trahan Cain, Executive Director, CPWR



Campaign to Prevent Falls in Construction

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G. Scott Earnest, Ph.D., P.E., C.S.P.
Deputy Director, CSH
National Institute for Occupational Safety and Health

March 20, 2019 CPWR Webinar



Construction Falls Prevention Campaign

Goal

To provide small residential construction contractors and owners with the information, motivation, and support they need for them to create the necessary conditions for their workers to work safely at heights.



stopconstructionfalls.com

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



How the Campaign Developed

- NORA Construction Sector Council-led
- Campaign leaders: NIOSH, OSHA and CPWR—The Center for Construction Research and Training
- Evidence-based campaign
- Evaluation essential to demonstrate success



CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Intended Audiences

- Primary: Small residential construction contractors
- Secondary: Supervisors and foremen for these contractors
- Tertiary: Workers for these contractors, including Spanish speakers



Why Focus on Falls?



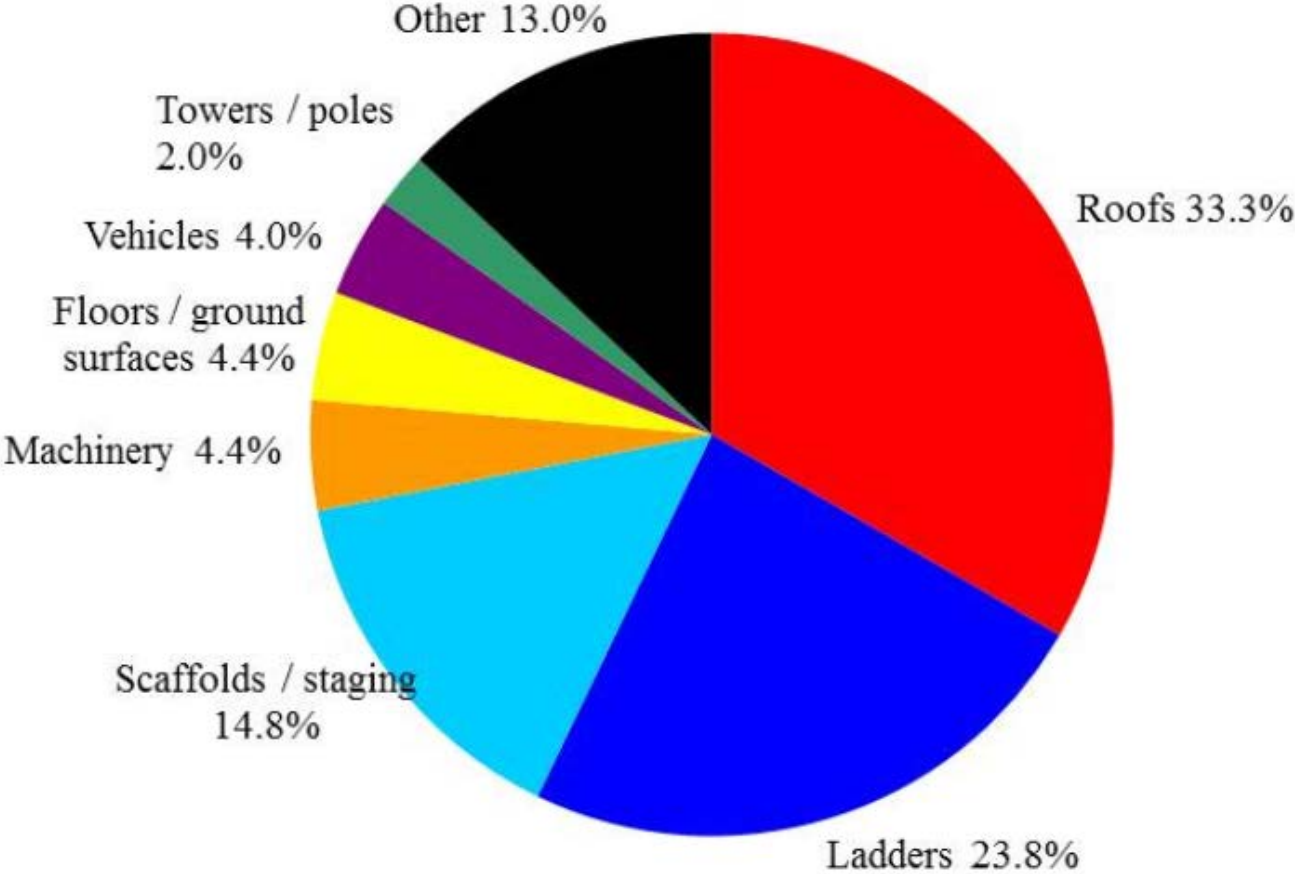
CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Fatal Falls to a Lower Level in Construction, by Primary Source, 2011-2015 total

Source: *The Construction Chart Book, 6th Edition*, CPWR 2018 using BLS data.

Total = 1,533 deaths

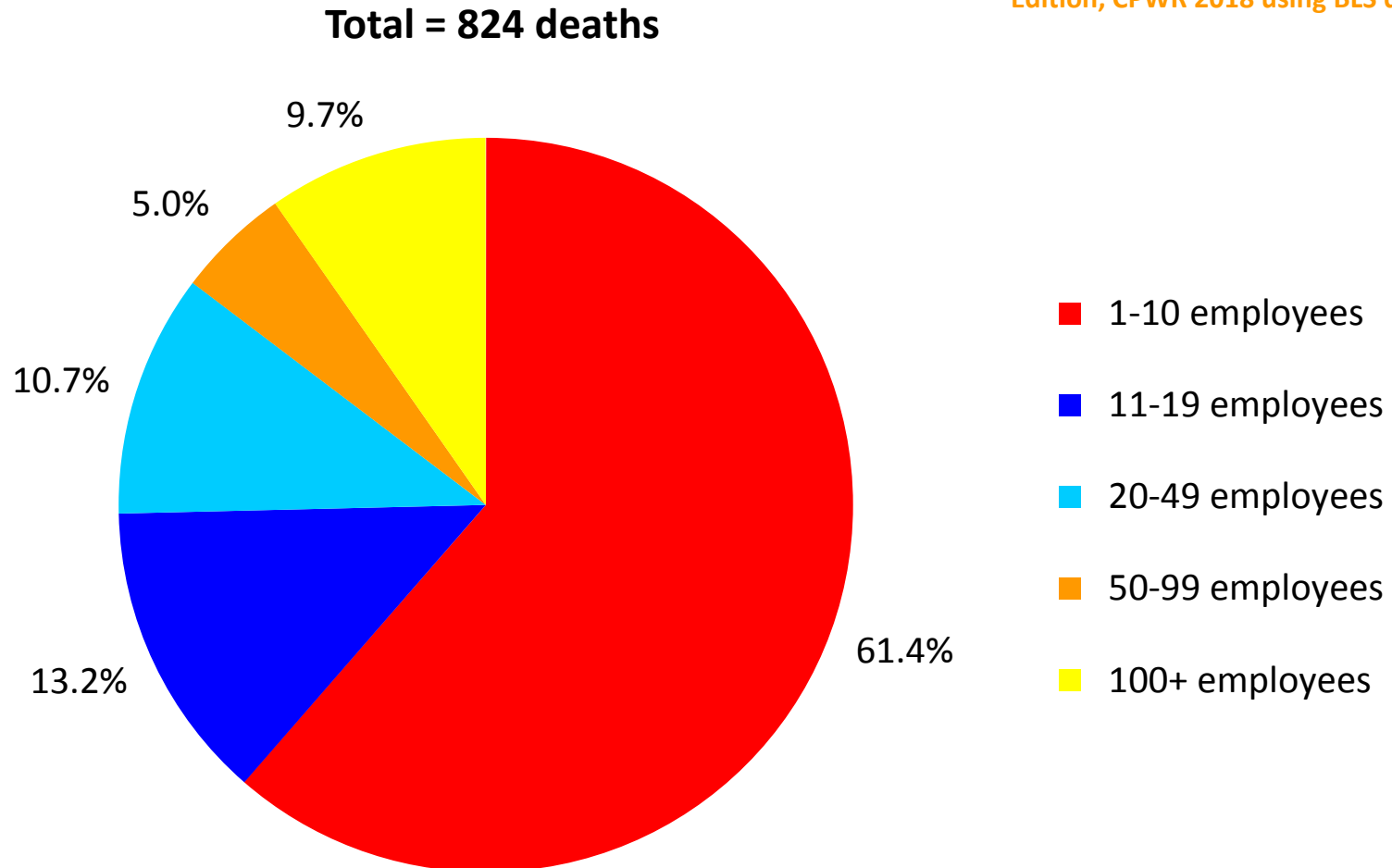


CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Distribution of Fatalities from Falls to a Lower Level in Construction, by Establishment Size, 2011-2015 total, Wage-and-Salary Workers)

Source: *The Construction Chart Book, 6th Edition*, CPWR 2018 using BLS data.

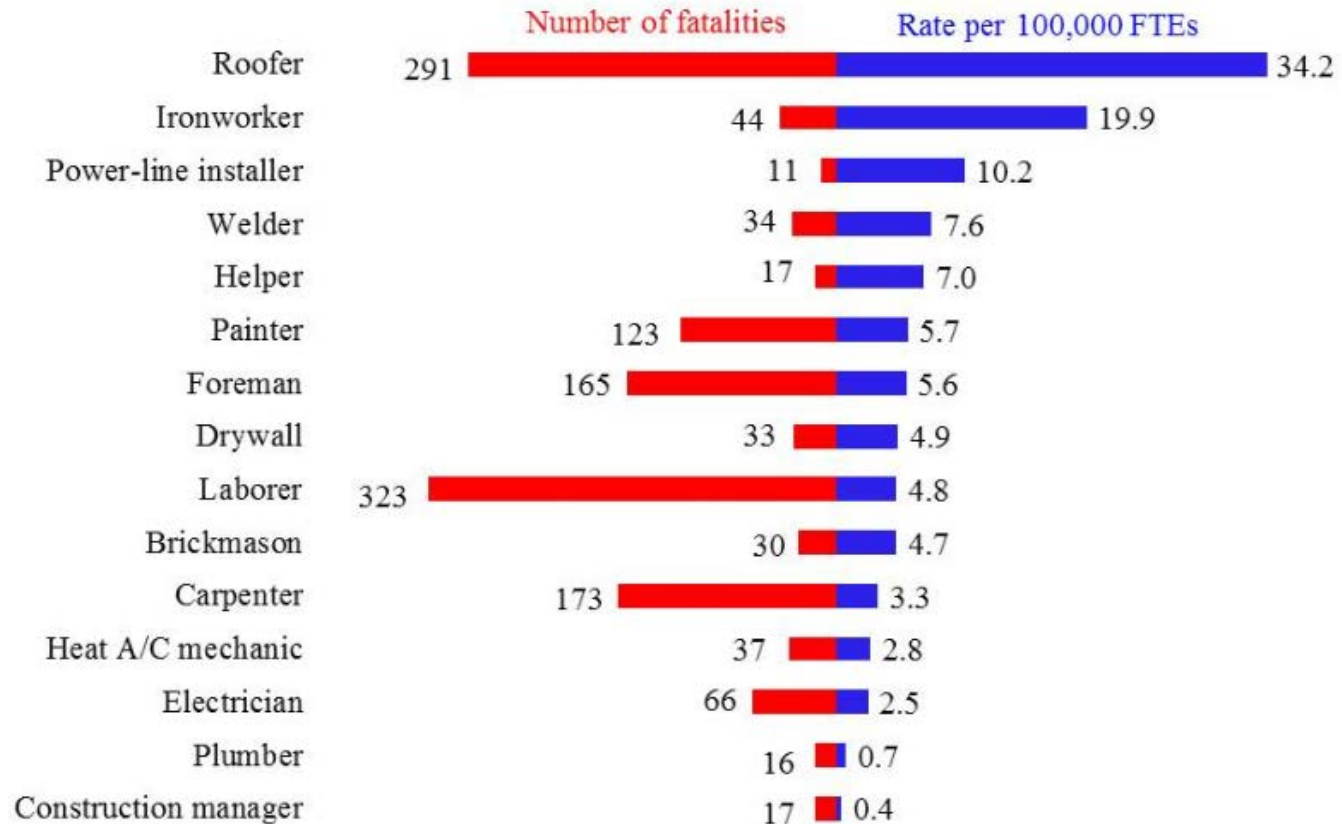


CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Number & Rate of Work-related Fatalities from Falls to a Lower Level in Construction, 2011-2015

Source: *The Construction Chart Book, 6th Edition*, CPWR 2018 using BLS data.



CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Falls Prevention Campaign – Our Messages

PLAN ahead to get the job done safely

PROVIDE the right equipment

TRAIN everyone to use the equipment safely



PLAN . PROVIDE . TRAIN .

Three simple steps to preventing falls.

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



CDC Feature, 2018

CDC Features

[CDC](#) > [CDC Features](#) > [Workplace Safety & Health](#)



- [Home](#) CDC Features
- [Data & Statistics](#)
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- [Environmental Health](#)
- [Healthy Living](#)
- [Injury, Violence & Safety](#)
- [Life Stages & Populations](#)
- [Travelers' Health](#)

5th year – National Stand Down to Prevent Falls in Construction

[Español \(Spanish\)](#)

Construction contractors can prevent falls from heights. Plan ahead for safety, provide the right equipment, and train workers to use the equipment safely. Join the National Campaign to Prevent Falls in Construction and take part in the National Stand-Down.

In 2016, there were 370 fall fatalities out of 991 total fatalities in construction. Those deaths were preventable. There were more fatal injuries in construction than any other industry in the United States in 2015, accounting for 20% of the nation's 4,836 work-related deaths that year. In 2015 alone, 57% of construction deaths occurred in establishments with fewer than 20 employees. Falls account for 37% of the work-related

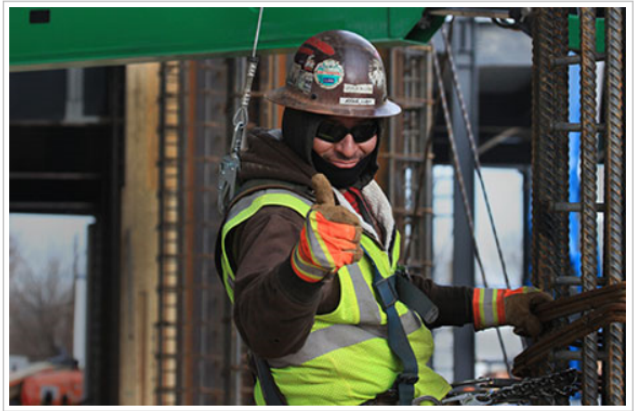


Photo credit: Turner Construction/Earl Dotter/CPWR

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



NIOSH Construction Falls Campaign site

Home NIOSH Directory of Construction Resources

Promoting productive workplaces through safety and health research **NIOSH**

NIOSH Program Portfolio: Construction

NORA Construction Research Agenda

NORA Construction Sector Council

About the Office of Construction Safety and Health

National Construction Center

Campaign to Prevent Falls in Construction

Infographics for the National Campaign to Prevent Construction Falls

Follow NIOSH



CONSTRUCTION SAFETY AND HEALTH

[Español \(Spanish\)](#)



Falls are the number one cause of construction-worker fatalities, accounting for one-third of on-the-job deaths in the industry. On April 26, 2012, NIOSH, OSHA, and CPWR–The Center for Construction Research and Training together launched a National Campaign to Prevent Falls in Construction. The Campaign seeks to raise awareness among workers and employers about common fall hazards in construction, and how falls can be prevented.



Join the campaign and take part in the **2019 National Safety Stand-Down to Prevent Falls in Construction: May 6–10, 2019**

- [Register for the March 22nd Stand-Down NIOSH-OSHA-CPWR Webinar](#)
- “Order your free 2019 Stand-Down hard hat stickers and fall-related Hazard Alert Cards [here](#)”
- Download the 2019 Stand-Down poster ([English](#) and [Spanish](#))



CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



NIOSH Construction Falls Campaign site



CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Social Media & Webinar

#StandDown4Safety #StopFalls

@CPWR @NIOSHConstruct @OSHA_DOL

CPWR @CPWR · 20h
Tune in to our upcoming webinar, "Getting Ready for the 2019 National Safety Stand-Down," to get ideas to host your own successful stand-down this year! Register here: tinyurl.com/y4zd646e



3 2



Construction @ NIOSH @NIOSHConstruct · Mar 9
Coming soon - don't miss! #StandDown4Safety planning webinar 2-3pm ET led by @NIOSHConstruct @OSHA_DOL and @CPWR. H successes as well as plans for May 7-11 2018 Stand-Down. Register Here bit.ly/2FeJ0mm



6 2



OSHA_DOL @OSHA_DOL · Feb 27
Prevent falls in the workplace and save lives. See 5 ways to prevent falls in this video



5 Ways to Prevent Workplace Falls
Prevent falls in the workplace and save lives. These 5 measures from OSHA can help keep workers safe.
youtube.com

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



NIOSH Science Blog

NIOSH Science Blog

- Home
- Posts by Category +
- Posts by Month +
- About This Site +

5th Annual National Stand Down to Prevent Falls in Construction

Posted on April 18, 2018 by CDR Elizabeth Garza, MPH, CPH, and Christine Branche, PhD, FACE



Photo Credit: Turner Construction, Earl Dotter

Falls remain the leading cause of death in construction. In 2016, there were 370 fall fatalities out of 991 total fatalities in construction. There were more fatal injuries in construction than any other industry in the United States in 2015, accounting for 20% of the nation's 4,836 work-related deaths that year. According to the CPWR-the Center for Construction Research and Training, from 2011-2015, 61% of fatal falls in construction occurred in small businesses with fewer than 10 employees (see figure 1). Falls account for 37% of the work-related deaths suffered by construction workers. Almost two-thirds of those fatal falls were from roofs, scaffolds, and ladders.

These falls are preventable. This [National Campaign to Prevent Falls in Construction](#) was launched on April 26, 2012. The Campaign encourages everyone in the construction industry to work safely and use the right equipment to reduce falls (see figure 2). This year marks the 5th year of the [National Stand Down to Prevent Falls in Construction](#). We are asking employers to join our ongoing campaign and participate in the National Safety Stand-Down during the week of May 7-11. Set aside time during that week to have an open discussion with your employees about falls and how to prevent them. Over the last few years, thousands of companies have participated in the Stand-Down reaching millions of employees across all 50 states and internationally. Since the fall stand-down started, over 7.5 million people have stood down in the U.S.

Search the blog

Search for:

Search

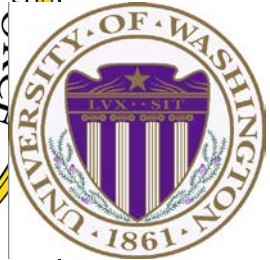
Categories

- [Aging Workers](#)
- [Agriculture](#)
- [Aviation](#)

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Videos: 5 Years in Review



Oregon Fatality Assessment and Control Evaluation (OR-FACE)



Cobranded Infographics

FALL PROTECTION SAVES LIVES

Employers must provide effective fall protection for workers who are working at 6 feet or higher by providing either:

- Personal Fall Arrest Systems (PFAS)
- Safety Net Systems
- Guardrail Systems

About 70% of workers in residential roofing, siding, and sheet metal construction did not have access to PFAS.

More than 1/2 of workers who suffered a fatal fall did not have access to PFAS.

Fall protection training programs must be provided to workers who might be exposed to fall hazards.

PLAN. PROVIDE. TRAIN.
Three simple steps to preventing falls.

Join the Campaign to Stop Construction Falls!
www.stopconstructionfalls.com

CPWR
THE CENTER FOR CONSTRUCTION RESEARCH AND TRAINING

PLAN. PROVIDE. TRAIN.

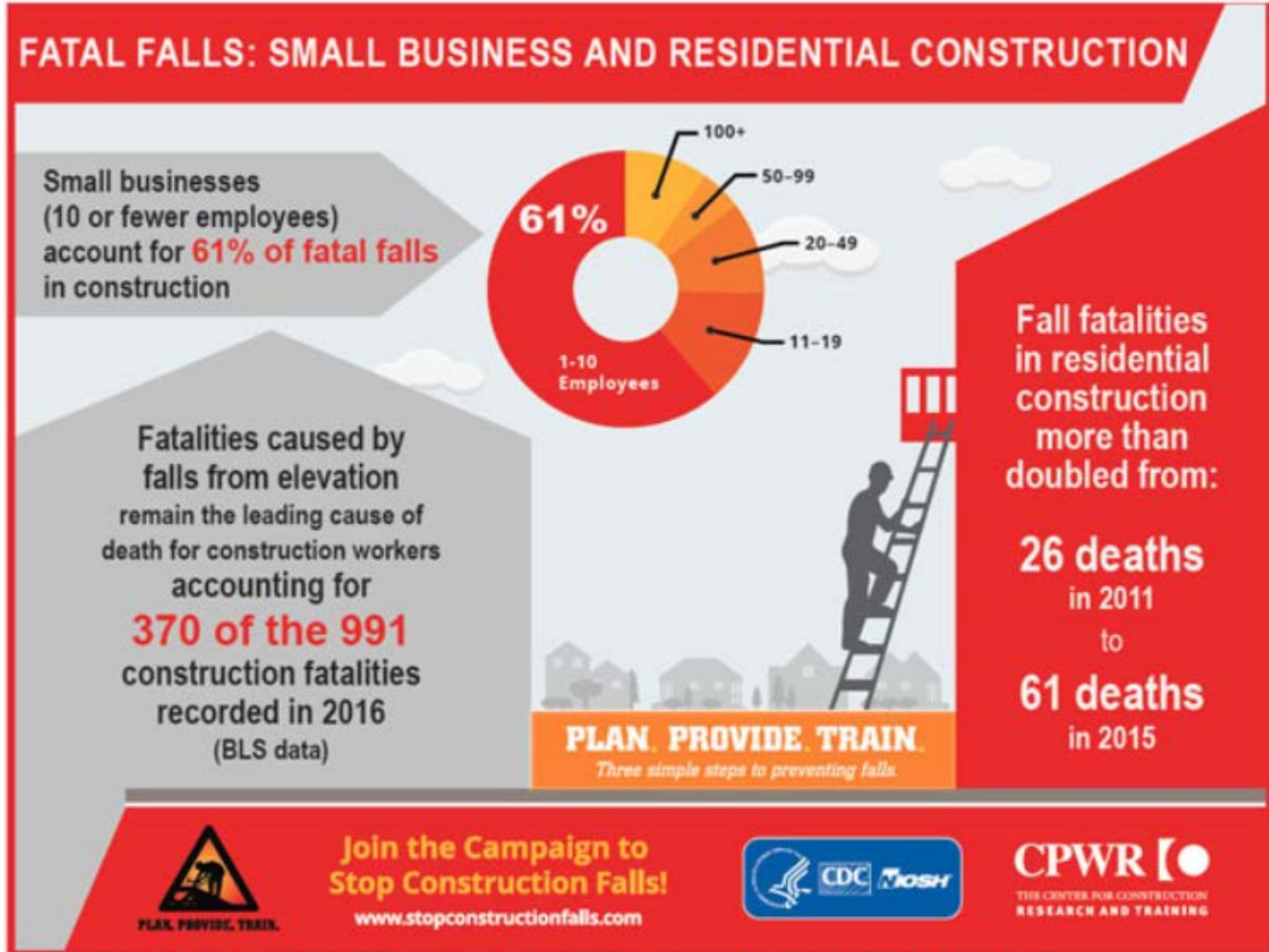
2018 NIOSH infographic

Source: Dong XS, Largay JA, Choi SD, Wang X, Cain CT, Romano N. 2017. Fatal falls and PFAS use in the construction industry: Findings from the NIOSH FACE reports. Accident Analysis & Prevention, 102:136-143. To learn more, click on: <https://www.cdc.gov/niosh/face/> and check out the Construction FACE database to learn about which factors led to these fatal injuries <https://cpwr.com/research/construction-face-database>.

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Cobranded Infographics



2018 NIOSH infographic

Source 1: The Construction Chart Book 6th Edition, Chart 444. https://www.cpwr.com/sites/default/files/publications/The_6th_Edition_Construction_eChart_Book.pdf
Source 2: CPWR Quarterly Data Report, First Quarter 2017. <https://www.cpwr.com/sites/default/files/publications/Quarter1-QDR-2017.pdf>

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Continued Focus and Outreach to Small Residential Construction Contractors



CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



NIOSH Directory of Construction Resources

<http://www.cdc.gov/niosh/construction/>

Twitter

<http://twitter.com/NIOSHConstruct>

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The findings and conclusions in this presentation have not been formally disseminated by the National Institute for Occupational Safety and Health and should not be construed to represent any agency determination or policy.



CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



National Safety Stand-Down to Prevent Falls in Construction

Scott C. Ketcham, CSP

**Acting Director, Directorate of Construction
Occupational Safety and Health Administration**

National Safety Stand-Down to Prevent Falls in Construction

Join the
National Safety
Stand-Down

To Prevent Falls in Construction

MAY 6-10, 2019



National Safety Stand-Down to Prevent Falls in Construction

- Last year's National Fall Stand-Down was a huge success with thousands of companies – large and small – participating across the US and internationally.
 - Nearly 5,000 certificates issued reaching nearly 1 million workers
 - Over 16 million impressions from Lamar Billboards
 - Werner
 - Trained 35,000 workers at over 200 events
 - 19 million impressions on ESPN Golic and Wingo Show
 - 75 million impressions from online publications

2019 National Stand-Down

May 6-10, 2019

- Coincide with:
 - National Construction Safety Executive's Safety Week events.
- Goals
 - Increase Safety awareness
 - Reduce and prevent injuries and fatalities

Stakeholders and Partners



Top 10 Violations in Construction



CONSTRUCTION INDUSTRY

1. Fall Protection – General Requirements (1926.501)
2. Scaffolding (1926.451)
3. Ladders (1926.1053)
4. Fall Protection – Training (1926.503)
5. Eye and Face Protection (1926.102)
6. General Safety and Health Provisions (1926.20)
7. Head Protection (1926.100)
8. Aerial Lifts (1926.453)
9. Hazard Communication (1910.1200)
10. Fall Protection – Systems Criteria and Practices (1926.502)

Construction Industry Fatalities

Years	2013	2014	2015	2016	2017
Total Fatalities All Construction	828	899	937	991	971
Fatality Rates All Construction	9.7	9.8	10.1	10.1	9.5

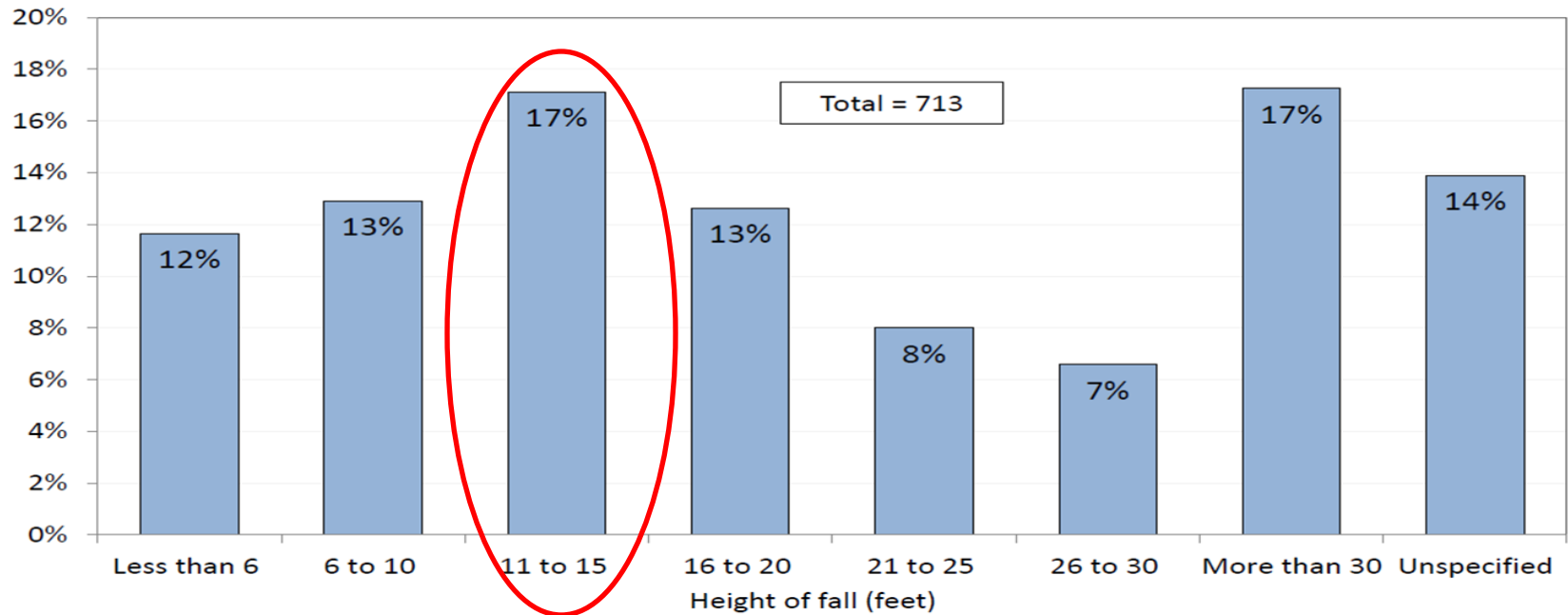
Source: BLS Data

Fall Fatalities

Years	2013	2014	2015	2016	2017
Total Falls in all Industries	724	818	800	849	887
Total Falls in Construction	302	359	364	384	386
Construction Falls to the lower level	291	345	350	370	366

Source: BLS Data

Percent of Fatal Falls to lower level, 2017



- A total of 713 work-related fatal falls to lower level were recorded in 2017, up 2 percent from 2016.
- Of the cases where height of fall was known (614 cases), 48 percent were falls of 15 feet or less.
- About one in five falls with a known height were from more than 30 feet.

Source: BLS Data

Fall Prevention Campaign – Our Messages

PLAN ahead to get the job done safely
PROVIDE the right equipment
TRAIN everyone to use the equipment safely



PLAN . PROVIDE . TRAIN .

Three simple steps to preventing falls.



PLANIFIQUE . PROPORCIONE . ADIESTRE .

Tres pasos sencillos para prevenir caídas.

Highlights from Previous Years

Five Years of National Safety Stand-Down to Prevent Falls in Construction



2018 Highlights



2017 Highlights



2016 Highlights



2015 Highlights



2014 Highlights

Fall Stand-Down Posters

NATIONAL SAFETY STAND-DOWN TO PREVENT FALLS IN CONSTRUCTION

MAY 6-10, 2019



Stop Falls Stand-Down

- Plan a toolbox talk or other safety activity
- Take a break to talk about how to prevent falls
- Provide training for all workers

For more information:

www.osha.gov/StopFallsStandDown
#StandDown4Safety • (800) 321-OSHA (6742)



Paro general dedicado a la seguridad PARA PREVENIR LAS CAÍDAS EN LA CONSTRUCCIÓN

6-10 de MAYO, 2019



Dedicación a la prevención de las caídas

- Planifique una charla sobre la seguridad u otra actividad de seguridad
- Tome un descanso para hablar de cómo prevenir las caídas
- Proporcione adiestramiento a todos los trabajadores

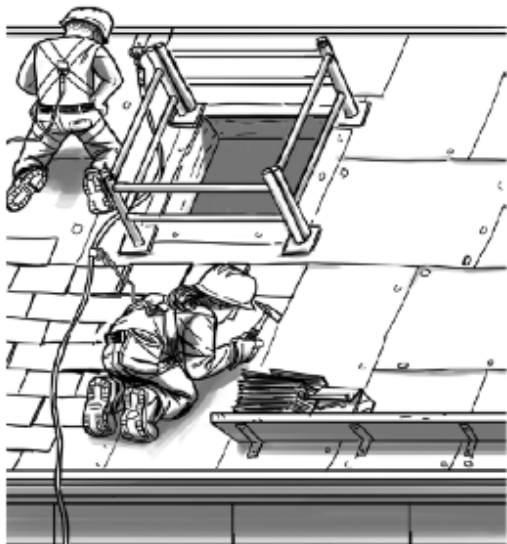
Para más información:

www.osha.gov/StopFallsStandDown
#StandDown4Safety • (800) 321-OSHA (6742)



Stand-Down Resources

- ✓ Wear a harness and always stay connected
- ✓ Make sure your harness fits
- ✓ Use guardrails or lifelines
- ✓ Inspect all fall protection equipment before use
- ✓ Guard or cover all holes, openings, and skylights



PLAN ahead to get the job done safely.
PROVIDE the right roof equipment.
TRAIN everyone to use the equipment safely.



DONT
disconnect from
the lifeline



DONT
work around unprotected
openings or skylights



DONT
use defective equipment

■ Fall Prevention - Fact Sheet

- English
- Spanish
- Polish
- Russian

Stand-Down Resources

- Fall Prevention: Safety Pays. Falls Cost. Sticker(English & Spanish)
- Fall Prevention: Training Guide - A Lesson Plan for Employers (English & Spanish)




Stand-Down Resources

Ladder Safety: Falling Off
Ladders Can Kill: Use Them
Safely (English & Spanish)
New

And, lots of fact sheets,
fatal facts, etc. available on
OSHA's web page

**Falling Off
Ladders Can Kill:
Use Them Safely**





**Las caídas desde
escaleras pueden
ser mortales:
Úselas de forma
segura**



www.osha.gov/stopfalls
www.osha.gov/stopfalls/spanish

OSHA 3625-09R 2015

Falls from ladders, scaffolds and roofs can be prevented
Las caídas desde escaleras, andamios y techos pueden prevenirse



Media Resources



[Share on Facebook](#) [Share on Twitter](#) [Download the Image](#)



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OSHA Safety Videos - Falls in Construction

[Leading Edge Work](#)
Prevention Videos

[Floor Opening](#)
Prevention Videos

[Fixed Scaffold](#)
Prevention Videos

[Stopping Falls, Saving](#)
[Lives](#)



Fall Prevention - Additional Resources

The screenshot shows the OSHA website's Fall Prevention training resources page. The browser address bar displays <https://www.osha.gov/stopfalls/trainingresources.html>. The page header includes the United States Department of Labor logo and the text "UNITED STATES DEPARTMENT OF LABOR Occupational Safety and Health Administration". A search bar is present with the text "Find it in OSHA" and a search icon. Below the header is a navigation menu with links for "ABOUT OSHA", "WORKERS", "EMPLOYERS", "REGULATIONS", "ENFORCEMENT", "TOPICS", "NEWS & PUBLICATIONS", "DATA", and "TRAINING". A "Language" dropdown menu is also visible.

The main content area features a large orange banner with the text "PLAN. PROVIDE. TRAIN. Three simple steps to preventing falls." Below this banner are four buttons: "Home", "Educational Materials and Resources", "Training" (highlighted in yellow), and "Media Resources".

The "Training Resources" section lists several PDF documents:

- [OSHA Fall from a Telecommunications Tower \(PDF\)](#), OSHA FATAL Facts No. 7, (2014).
- [OSHA Fall Prevention Training Guide – A Lesson Plan for Employers \(PDF\)](#). A [Spanish version \(PDF\)](#) is also available.
- OSHA Alliance Program Toolbox talks and Training products**
 - [Aerial Devices and Lifting Equipment](#)
 - [Fall Protection](#)
 - [Ladder Safety](#)
 - [Toolbox Talk: Fall Protection \(PDF\)](#). A [Spanish version \(PDF\)](#) is also available.
- [OSHA Scaffold eTool](#)
- [Scaffolding: Narrow Frame Scaffolds Fact Sheet \(PDF\)](#), (OSHA 3/22 - 2014).
- [Material Lift Collapse \(PDF\)](#), OSHA FATAL Facts No. 8, (2014).

The "Prevention Videos (v-Tools)" section includes:

- Falls in Construction
 - [Floor Openings](#)

The "Highlights" section features a video player with the title "5 FACTS YOU SHOULD KNOW ABOUT PREVENTING FALLS" and a play button. Below the video player, the text reads "Preventing falls: Stop Falls, Save Lives" and lists a recall for a fall prevention device:

- JM recalls fall prevention device over safety concerns** DBI-SALA Ltd- Saf Sleeve - Stop Use and Recall/Replacement ([English](#)) ([Spanish](#)), August 30, 2016

The "Campaign Partners" section lists:

- National Institute for Occupational Safety and Health (NIOSH)
- The National Occupational Research Agenda (NORA)

At the bottom right, there is a "PLAN" button with the text "ahead to get the job done safely."

<https://www.osha.gov/stopfalls/index.html>

After your Stand-Down

- Receive a “Certificate of Participation” for holding a Stand-Down.
 - Secretary of the Department of Labor saying thank you for participating.
 - Go to the Stand-Down certificate webpage after your stand-down, complete a short survey, then print your certificate.
 - Share your stand-down experience and pictures with us for possible posting on the webpage



Certificate Participant Levels



2-Time Participant



3-Time Participant



Stand-Down Participant



4-Time Participant



5+ Time Participant



Campaign to Prevent Falls in Construction


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CPWR – The Center for Construction Research & Training


Chris Trahan Cain
Executive Director



Stopconstructionfalls.com

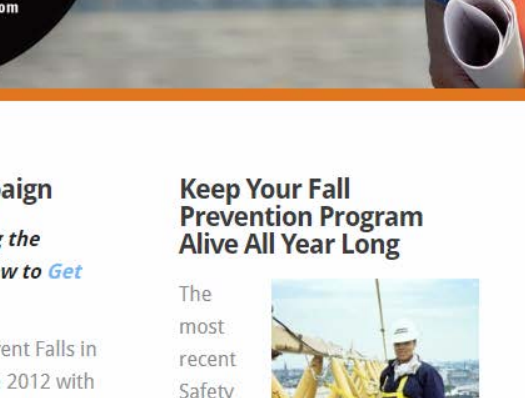


[About »](#) [Fatality Map »](#) [Training & Resources »](#) [What's New](#)



NEW! 2019 Hardhat Stickers

Place Your Order




About the Campaign

Interested in joining the Campaign? Learn how to [Get Involved!](#)

The Campaign to Prevent Falls in Construction began in 2012 with construction industry stakeholders seeking a way to

Keep Your Fall Prevention Program Alive All Year Long

The most recent Safety Stand-Down



A Social Network Analysis of the Falls Campaign

The reach of this Campaign and the National Safety Stand-Down has been extensive – with millions of workers pausing work to learn more about fall prevention and staying safe on

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Stand-Down Planning Resources

- About the Stand-Down Flyer
- Jobsite posters
- Promotional Video - https://youtu.be/ke1L_ROExdE
- Evaluation Reports
- Success Story examples



A flyer for the National Safety Stand-Down to prevent falls in construction. The top section is black with white text: 'NATIONAL SAFETY STAND-DOWN TO PREVENT FALLS IN CONSTRUCTION'. Below this is a red banner with white text: 'MAY 6-10, 2019'. The main image shows construction workers on a jobsite, some wearing safety harnesses. Below the image is a red section with white text: 'Stop Falls Stand-Down'. Underneath are three bullet points: 'Plan a toolbox talk or other safety activity', 'Take a break to talk about how to prevent falls', and 'Provide training for all workers'. At the bottom, there is a black section with white text: 'For more information: www.osha.gov/StopFallsStandDown #StandDown4Safety • (800) 321-OSHA (6742)'. Logos for OSHA, CDC, NIOSH, and a 'Safety Pays. Falls Cost.' logo are at the bottom.

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Training Resources & Handouts

- Hardhat Stickers
- Hazard Alert Cards
- Infographics
- Toolbox Talks
- Videos
- NIOSH Ladder App

HAZARD ALERT
CPWR | THE CENTER FOR CONSTRUCTION RESEARCH AND TRAINING

LADDERS

Am I in danger?

If you use a ladder on a construction site, then the answer is **YES**.

Falls are the leading cause of deaths and injuries in the construction industry.

- Each year, more than 4,000 construction workers are injured so seriously by ladder falls that they miss work.
- Each year, about 70 construction workers die in falls from ladders.

Electrocution Hazard

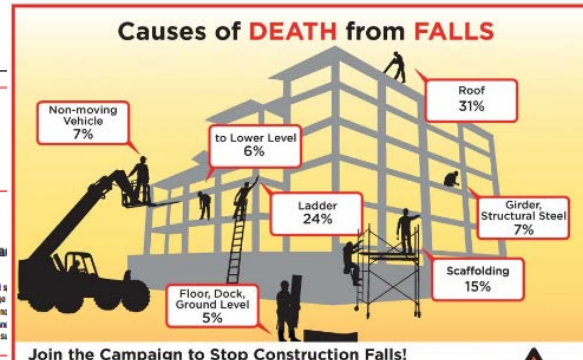
Falls aren't the only way to get hurt on a ladder! Contact with overhead power lines is a common, and sometimes fatal, source of injury for those working with ladders. Make sure your ladder is positioned at least 10 feet from power lines.

Aluminum is an excellent conductor of electricity. Working around wiring? Fiberglass is a better choice.

Find out more about construction hazards.

Get more of these Hazard Alert cards – and cards on other topics.
Call 301-578-8500

© 2019 CPWR – The Center for Construction Research and Training. All rights reserved. CPWR is the research, training, education and the lead voice on the job. Hazard Alert cards are supported by grant #2019-0101 from the National Institute for Occupational Safety and Health (NIOSH).



Join the Campaign to Stop Construction Falls!
www.stopconstructionfalls.com



CPWR | THE CENTER FOR CONSTRUCTION RESEARCH AND TRAINING

Source: Total-991 deaths (2009-2010) The Construction Chart Book, Page 44
<http://www.cprw.com/files/default/Files/publications/CPWR2009to2014.pdf>



PREVENTING FALLS FROM EQUIPMENT

During 2011-2016, 74 workers died falling from equipment

WHEN CLIMBING ON/OFF EQUIPMENT

- ✓ Set the parking brake to prevent the equipment from moving
- ✓ Use hand and step holds – keep one foot and two hands, or both feet and one hand, in contact with equipment at all times
- ✓ Wear shoes that provide support and traction
- ✓ Avoid carrying materials and tools when climbing on or off
- ✓ Keep step and hand holds clear of mud, snow, grease and other fluids
- ✓ Do not jump off



PLAN PROVIDE TRAIN
Three simple steps to preventing falls



Join the Campaign to Stop Construction Falls!
www.stopconstructionfalls.com



CPWR | THE CENTER FOR CONSTRUCTION RESEARCH AND TRAINING

Source: "Total occupational injuries due to fall to lower level incurred by workers in the construction industry (public and private), 2019-2016;" U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries, accessed February 2018.

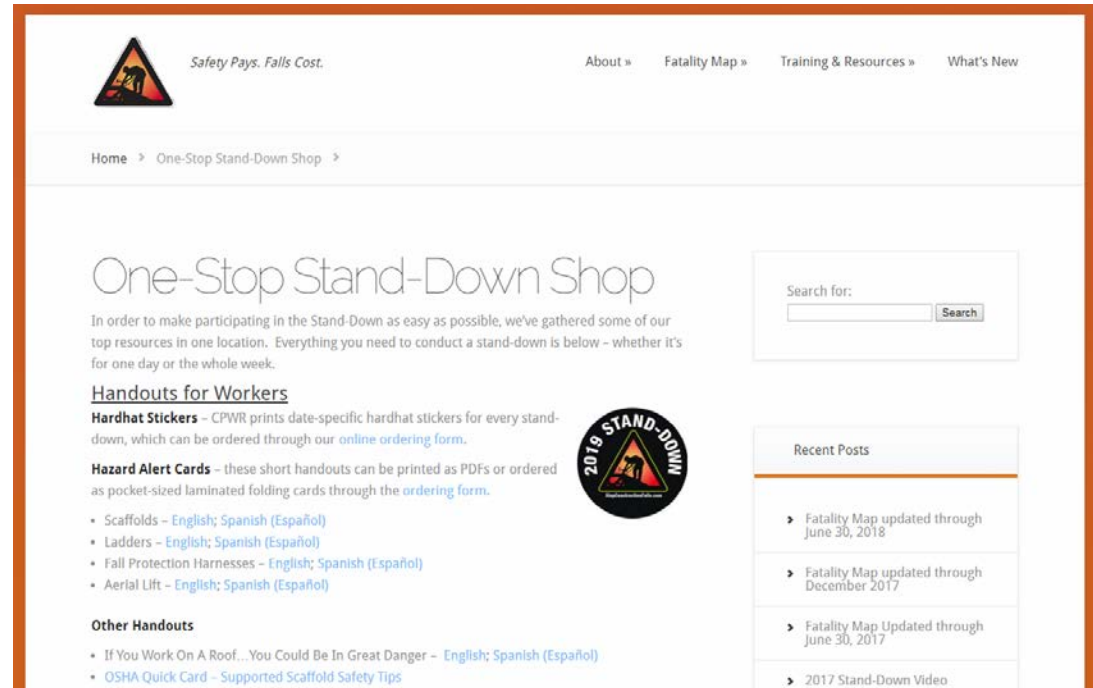
CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



New for 2019

- Easy Access Resource Page On stopconstructionfalls.com
- Updated 5-day Plan*
- 1-day Plan*
- Suspension Trauma Infographic*
- Fall Clearance Calculation Infographic*
- Generic Written Fall Protection Plan*

**Coming soon*



One-Stop Stand-Down Shop

In order to make participating in the Stand-Down as easy as possible, we've gathered some of our top resources in one location. Everything you need to conduct a stand-down is below - whether it's for one day or the whole week.

Handouts for Workers

Hardhat Stickers - CPWR prints date-specific hardhat stickers for every stand-down, which can be ordered through our [online ordering form](#).

Hazard Alert Cards - these short handouts can be printed as PDFs or ordered as pocket-sized laminated folding cards through the [ordering form](#).

- Scaffolds - [English](#); [Spanish \(Español\)](#)
- Ladders - [English](#); [Spanish \(Español\)](#)
- Fall Protection Harnesses - [English](#); [Spanish \(Español\)](#)
- Aerial Lift - [English](#); [Spanish \(Español\)](#)

Other Handouts

- If You Work On A Roof... You Could Be In Great Danger - [English](#); [Spanish \(Español\)](#)
- OSHA Quick Card - [Supported Scaffold Safety Tips](#)

Recent Posts

- ▶ Fatality Map updated through June 30, 2018
- ▶ Fatality Map updated through December 2017
- ▶ Fatality Map Updated through June 30, 2017
- ▶ 2017 Stand-Down Video

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Online Ordering Form



<http://stopconstructionfalls.com/online-ordering-form/>

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Online Ordering Form

	2014	2015	2016	2017	2018
Hardhat Stickers	--	50,000	50,000	173,000	260,000
Hazard Alerts	1,800	9,186	14,100	70,215	142,213

HAZARD ALERT
CPWR

LADDERS

Am I in danger?

If you use a ladder on a construction site, then the answer is **YES!**

Falls are the leading cause of death and injuries in the construction industry.

- Each year, more than 4,000 construction workers are injured or killed by ladders that they may work.
- More than 100 construction workers die in falls from ladders.

Electrocution Hazard

Falls aren't the only way to get hurt on a ladder! Contact with overhead power lines is a common, and sometimes fatal, source of injury for those working with ladders. Make sure your ladder is positioned at least **10 feet from power lines.**

Research by an accident investigator of electricity. Working around energy? Stay away in a better choice.

1 Inspect the ladder before every use

Inspect the rungs, steps, feet, and extension or swing backs of your ladder to be certain it's completely sturdy. Don't use it if you see any damage, sagging, "no-no" and avoid unapproved ladders or extension ladders. Don't climb your ladder. Always ladders - certain ladders may not support you and your load!

2 Position your ladder properly

For all ladders:

- Make sure you have good, solid footing for your ladder.
- Position the ladder near your work to avoid overreaching.

For extension ladders:

- Set the base one foot away from the building for every two feet of height.
- Tie off the ladder at the top - and bottom where possible!

3 Use the ladder safely

• Always three-point contact with the ladder at all times.

- Do not stand on the top two rungs of a step ladder.
- Do not lean over the top edge of an extension ladder.
- Have your partner hold the ladder to steady it as you ascend.
- Don't carry tools and materials while climbing. Use a rope to hoist or hoist materials to the upper level!

Is a ladder the right tool for the job?

To work at heights, consider using a scaffold or aerial lift. The right tool, used properly, and good fall protection can help you avoid a fall.

1-800-321-OSHA

Find out more about construction hazards.

Get copies of these Hazard Alert cards - and more on other topics.

Call 301-576-8500

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HAZARD ALERT
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SCAFFOLDS

TIPS FOR SAFE WORK

Am I in danger?

Falls are the leading cause of death in the construction industry.

Every year, thousands of construction workers die in falls from scaffolds, and hundreds suffer injuries costing them days off work.

How often are YOU on a scaffold?

Falls are not the only thing that can kill you.

Research by an accident investigator of electricity. Working around energy? Stay away in a better choice.

1 Inspect the scaffold on a solid, level base

The scaffold must be set up on a solid base, stable, flat, and level, and high enough to allow the base of the scaffold to have some play for leveling. Leveling is the key to the scaffold. Scaffolds must be part of the same job, and not left for ladder support.

2 Use Proper Fall Protection

If the working area on your scaffold is 10' or higher, the law requires you to have some type fall protection. Fall protection must be a qualified system or a Personal Fall Arrest System.*

*Personal Fall Arrest System (PFAS) requirements: must be used on a scaffold.

3 Check four points of scaffold safety

• The way you get on and off the scaffold must meet OSHA's criteria.

- All work areas are fully protected or enclosed.
- Guardrails are installed correctly to eliminate fall.
- Scaffolds are erected on level ground.
- Scaffolds are built on level ground.

There are many types of scaffolds

A regardless of which type you are using, the structure must have a qualified person train all workers to safely use the scaffold.

If you think you are in danger, call 301-576-8500

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FALL PROTECTION HARNESES

Am I in danger?

Falls are the leading cause of death in the construction industry.

Every year, thousands of construction workers die in falls from scaffolds, and hundreds suffer injuries costing them days off work.

When am I at risk?

- more than 6 feet above the ground, and
- you are not protected by a system of guardrails or safety nets.

There are many types of fall protection systems. A Personal Fall Arrest System (PFAS) is a fall protection system that consists of:

- a full-body harness
- a lifeline or lanyard
- a snap hook or other connector
- a fall arrest device

You are not safe from a fall unless you tie off.

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1 Wear a full-body harness

A proper full-body harness has straps worn around the torso and thighs. It must fit snugly. "Dropping from" across your thighs, ankles, chest and shoulders is never a good idea.

2 Inspect your harness

It must be worn properly and be in good condition.

- Check your harness for wear or damaged areas. Replace if any are found.
- Make the manufacturer's instructions when you put on your harness.
- Make sure all straps are fastened and adjusted correctly.
- Do not take work off of you attached with the harness and 10' of your fall protection harness.

3 Make sure you are connected

Your harness should be attached to the lanyard or your fall arrest device. They are attached together by a snap hook. Also your appropriate Fall arrest point can make the fall arrest device. Scaffold and aerial lifts.

It's not over when the fall stops!

OSHA requires employers to have a plan to "provide for prompt rescue of employees in the event of a fall."

One of the reasons for a fall plan, the harness will arrest a fall, but it can't prevent a fall. The harness will arrest a fall, but it can't prevent a fall.

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AERIAL LIFTS

How hard can it be?

You can't just use your tools to get the job done. You need to be trained. Every 10 years you must be retrained. Every 10 years you must be retrained. Every 10 years you must be retrained.

Before you use the lift ...

1 Get training

Every 10 years you must be retrained. Every 10 years you must be retrained. Every 10 years you must be retrained.

2 Wear a full body harness

If you're on a lift, it's critical to have a harness. You can be rescued from the lift and climb using your fall protection. It will keep you from a fall. It will keep you from a fall.

3 Check for overhead power lines

Research by an accident investigator of electricity. Working around energy? Stay away in a better choice.

A world of fall ideas

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CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.

Fatality Maps

Construction Fatalities in the USA, Jan 1 - June 30, 2018



Construction Fall Fatalities in the USA, Jan 1 - June 30, 2018



CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



After the Stand-Down



11 Ways to Keep Your Fall Prevention Program Alive All Year Long

The Stand-Down may be over, but the Campaign to Prevent Falls in Construction is year round! Here are some reasons to conduct fall prevention activities throughout the year to reinforce safe practices:

- ❖ Jobsites are always changing and crews come and go –you may have many new workers present who were not around when you participated in the Stand-Down in May.
- ❖ Even if your crew did participate in the Stand-Down, it's easy to become complacent afterward. Scheduling activities quarterly or even monthly can re-energize your crew and bring the focus back to the fact that falls need to be prevented.
- ❖ If your jobsite does experience a fall – even if nobody is injured – workers may feel upset, anxious, and worried about their safety. Taking the time to perform an incident investigation and stopping work to re-focus on fall protection policies and education can improve both safety and morale.

If your jobsite experiences a fall, at a minimum, you should:

- 1. Determine the cause of the fall,**
- 2. Inspect and remove faulty personal fall arrest systems or equipment, such as ladders or scaffolds, that may have contributed to a fall from use,**
- 3. Have an open conversation with workers about their concerns,**
- 4. Conduct a refresher training on fall prevention, and**
- 5. Communicate the importance of fall protection throughout the organization.**

CPWR, OSHA and NIOSH have a variety of resources that you can use when deciding what activities will work for your jobsite's ongoing fall prevention program. Be imaginative and select activities that fit your company's culture and the kind of construction work you do. The following list of ideas may help you get started:

CAMPAIGN TO PREVENT FALLS IN CONSTRUCTION: SAFETY PAYS. FALLS COST.



Campaign to Prevent Falls in Construction

Safety Pays. Falls Cost.
stopconstructionfalls.com

QUESTIONS?

