2021 Safety Stand-Down to Prevent Falls Kick-Off

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Director, Directorate of Construction Occupational Safety and Health Administration



8th Annual National Stand-Down May 3-7, 2021

NATIONAL SAFETY STAND-DOWN TO PREVENT FALLS IN CONSTRUCTION

MAY 3-7, 2021



The goal of the stand-down is to help ensure every worker returns home safely by:

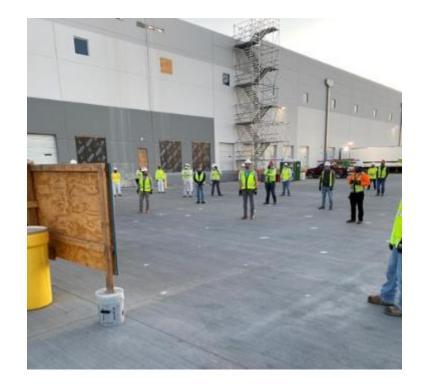
- raising awareness of fall hazards,
- sharing how to prevent fatalities and injuries related to falls, and
- eliminating FALLS because they are preventable.



#StandDown4Safety

Virtual/Small Group Stand-Downs

- The COVID-19 Pandemic has caused us to change the way we do stand-downs from years past.
- OSHA is now encouraging employers to promote fall safety while holding their standdowns virtually or while employing CDC guidance on face covering and physical distancing practices among small groups.



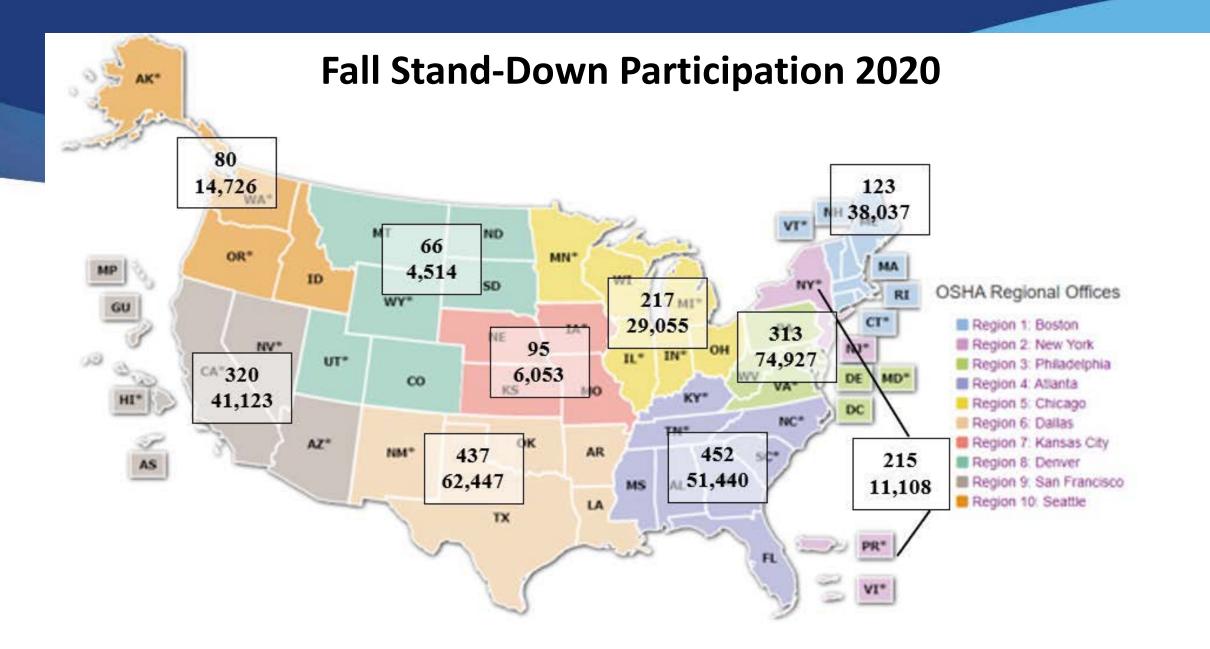


Stand-Down Success

A tremendous success the last seven years:

- Thousands of employers and millions of workers reached since 2014.
- Stand-downs have been reported in all 50 states and internationally.
- Small businesses, large corporations, and some of the country's biggest construction companies have held stand-downs.
- Many non-construction companies have also participated.





2021 National Stand-Down

- Stand-downs occur around the world, affording employers and employees opportunities to:
 - focus on the fall hazards they face and ways to survive them,
 - highlight and address the other safety hazards they face daily, and
 - discuss the company's safety policies, goals and expectations.
- It is all about protecting the company's most valuable asset ... PEOPLE!



Why do we have Stand-Downs?

Falls remain the leading cause of death in construction:

- Falls to a lower level accounted for 401 of the 1,061 construction fatalities, and 711 of the 5,333 fatalities in all industries.
- 25% increase in fatalities from falls than in 2018.
- We know that incidents related to falls are preventable and the Stand-Down is an excellent way to raise awareness.



Top 10 Violations Construction Industry

	CY20 Data (OIS 12/31/20)
1. Fall Protection – General Requirements (1926.501)	6. General Safety and Health Provisions (1926.20)
2. Scaffolding General Req (1926.451)	7. Head Protection (1926.100)
3. Ladders (1926.1053)	8. Specific Excavation Requirements (1926.651)
4. Fall Protection Training (1926.503)	9. Hazard Communication (1910.1200)
5. Eye and Face Protection (1926.102)	10. Fall Protection Systems Criteria and Practices (1926.502)



Top Fall Related Violations for Construction

	CY20 Data (OIS 12/31/20)				
Standard	Total Violations	Serious Violations	Willful Violations	Repeat Violations	
1926.501 - Fall Protection	5435	4301	149	841	
1926.451 - Scaffolding General Req	2540	2343	11	118	
1926.1053 - Ladders	2134	1904	11	108	
1926.503 - Fall Protection Training	1623	1149	9	87	
1926.502 - Fall Protection Systems Criteria & Practices	646	557	0	12	

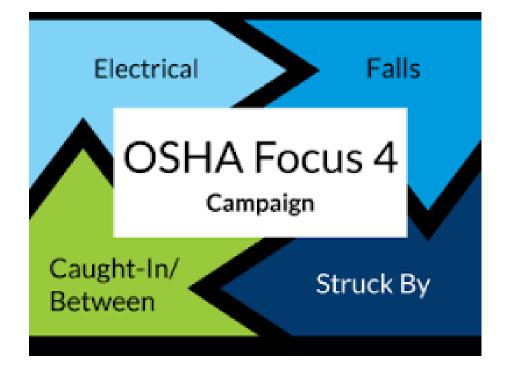


Construction Focus Four

The actual breakdown of the causes of fatalities on construction sites in 2019 is as follows (numbers are a percentage of the 1,061 total construction-related fatalities that occurred in 2019):

- Falls: 418 (39.3%)
- Struck-by object: 90 (8.4%)
- Electrocutions: 79 (7.4%)
- Caught-in/between: 59 (5.5%)

BLS 2019 Data for all Ownerships





Fatal Fall Incidents in Construction

Fall Incidents in Construction – 228 (OIS CY19 Data)					
Roofs	62				
Holes/Skylights	33				
Ladders	31				
Scaffolding/Elevated Platforms	48				
Walking-working Surfaces	54				
Communication Towers – 2 (falls only)					





Year	2015	2016	2017	2018	2019
Total Falls - All Industries	800	849	887	791	880*
Total Falls - Construction	364	384	386	338	418*
Construction Falls to a Lower Level	350	370	366	320	401*



* All ownerships

We all can conduct a Stand-Down

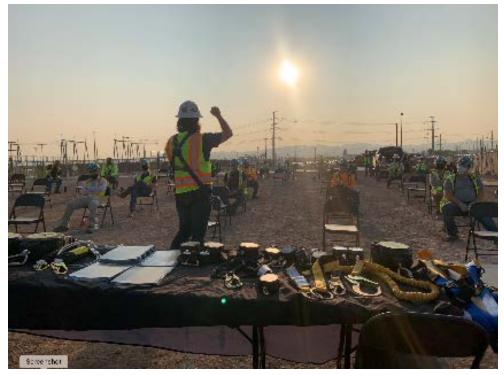
- Companies can conduct a Safety Stand-Down by taking a break to have a toolbox talk or another safety activity.
- It does not have to be long ... but it must be impactful.





Prepare for your Stand-Down

- Develop presentations or activities that will meet your needs.
- Decide when to hold the standdown and how long it will last.
- Promote the stand-down.
- Hold your stand-down.
- Follow up.

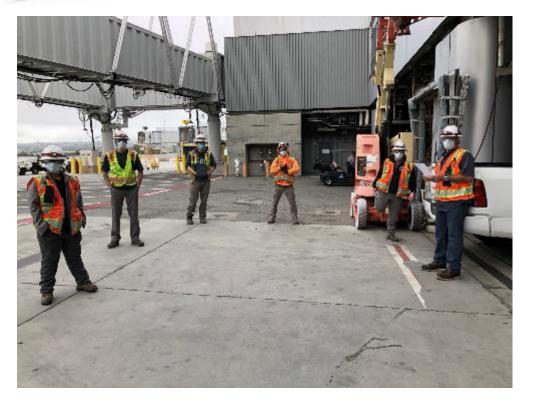




What you can do during your Stand-Down

Consider reviewing your fall prevention program:

- Ensure all workers are aware of the company's fall protection procedures.
- Address the types of falls that could happen.
- Talk about the fall protection systems the workers are currently using ... and how to use them correctly.
- This is a great opportunity to provide everyone refresher training.





How else can we prevent falls?

PLAN ahead to get the job done safely.

PROVIDE the right equipment.

TRAIN everyone to use the equipment safely.



Stand-Down Resources

- OSHA:
 - <u>https://www.osha.gov/StopFallsStandDown/</u>
- CPWR:
 - <u>http://stopconstructionfalls.com/</u>
- NIOSH:
 - https://www.cdc.gov/niosh/construction/stopfallscampaign.html





After the Stand-Down

Receive a "Certificate of Participation" for holding a stand-down.

- This is the Secretary of Labor's way of saying thank you for participating.
- Go to the stand-down certificate webpage after conducting yours and complete a short survey. Then print your certificate.
- Share your stand-down experience and pictures with us for possible posting on the OSHA webpage.
 CERTIFICATE





Falls are Preventable

- Everyone has a role in helping us prevent falls, not just during this fall stand-down campaign, but every day.
- It is through all our combined efforts that we will be successful in reducing fall fatalities and injuries.
- It might only take a few minutes to do a quick job... but it only takes a split second to fall and lose your life!
- It is not worth it! Always think, plan, and practice fall prevention.
- Lets all work to go home every day ... ALIVE, SAFE, and WELL!



Falls are Preventable Cont. Cincinnati, OH



3 workers rescued from collapsed scaffolding downtown:

- 2 from 8th floor, other from 9th floor
- Properly installed, and utilized personal fall arrest systems saved workers from falling
- Fire and EMS rescued workers in approximately 17 minutes





OSHA

www.osha.gov 800-321-OSHA (6742)







The Office of Construction Safety and Health At the National Institute for Occupational Safety and Health—NIOSH







CPWR (

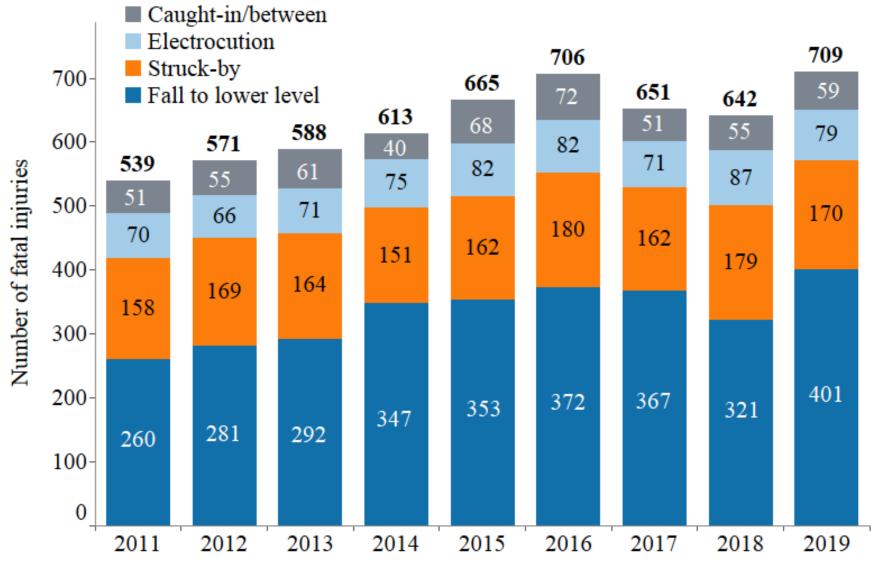
THE CENTER FOR CONSTRUCTION **RESEARCH AND TRAINING**

Why Focus on Falls?





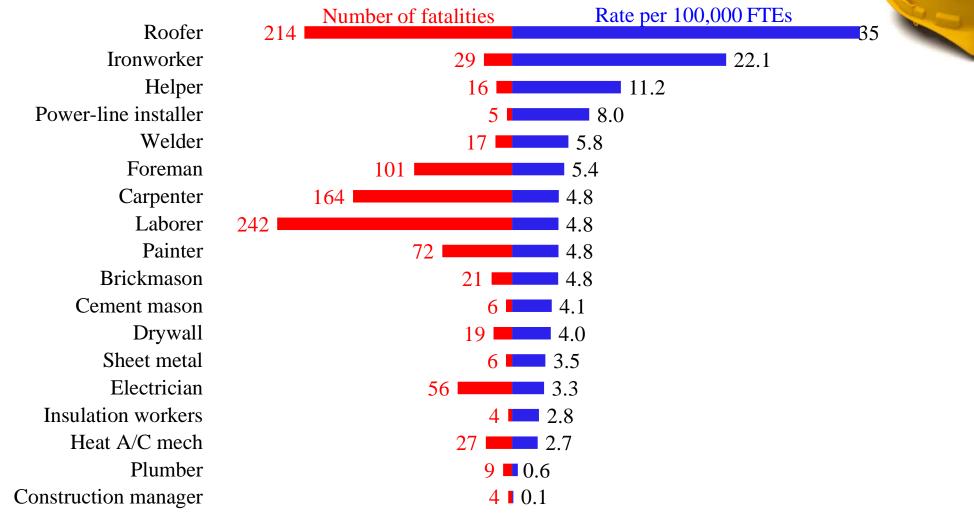
6. Number of fatal injuries caused by Construction Focus Four, 2011-2019





Source: U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries.

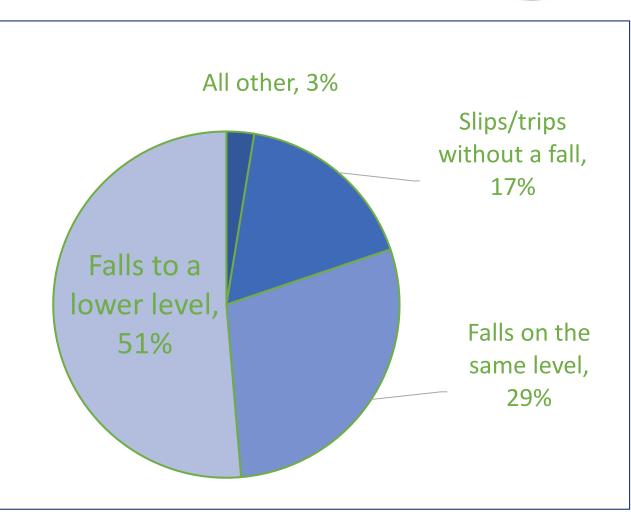
Number and rate of fatal falls to a lower level in construction, selected occupations, sum of 2015-2017 (All employment)



Source: Fatal injury data were generated by the CPWR Data Center with restricted access to the BLS CFOI micro data. The views expressed here do not necessarily reflect the views of the BLS. Employment data were from the Current Population Survey. Calculations by the CPWR Data Center.

Ohio Bureau of Workers' Compensation (OBWC) Slips, trips, and falls in construction, 2010-2017

- 9,517 total claims
- 75 claims per 10,000 Full-time equivalent (FTE) workers
- Rates decreased by 37%
- 39% of claims involved 8+ days away from work (lost-time)
- Described:
 - Sex and age
 - Occupation, industry, and establishment size
 - Injury characteristics
 - Contributing factors

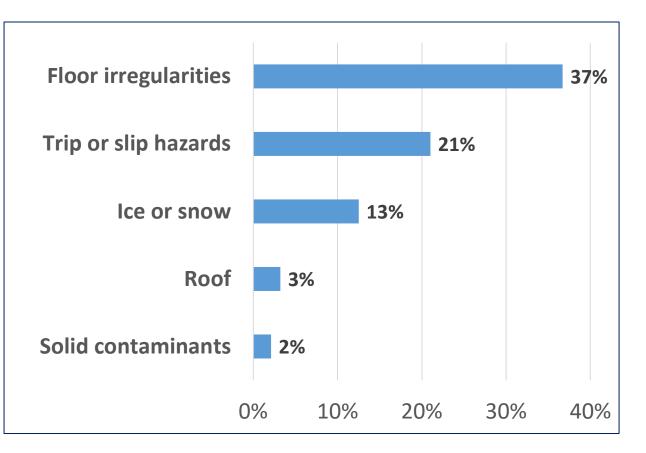




Falls on the same level

- 2,742 claims (29%)
- 22 per 10,000 FTE
- Rates decreased by 50%
- 31% lost time
- 92% Male
- 68% aged 25-54 years
- Sprains (41%), fractures (14%), & contusions (20%)

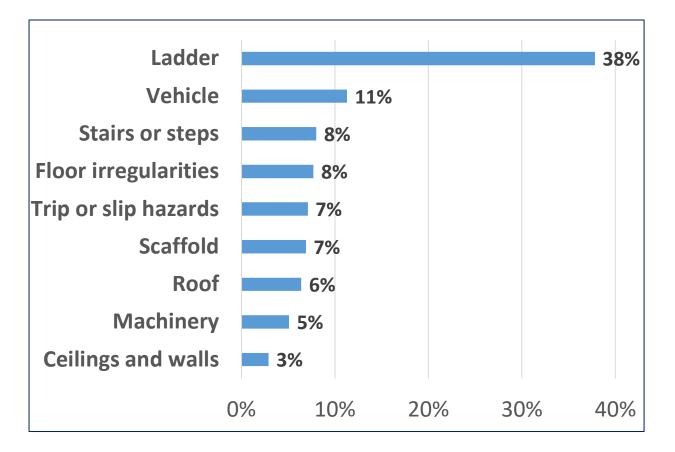
Leading contributing factors



Falls to a lower level

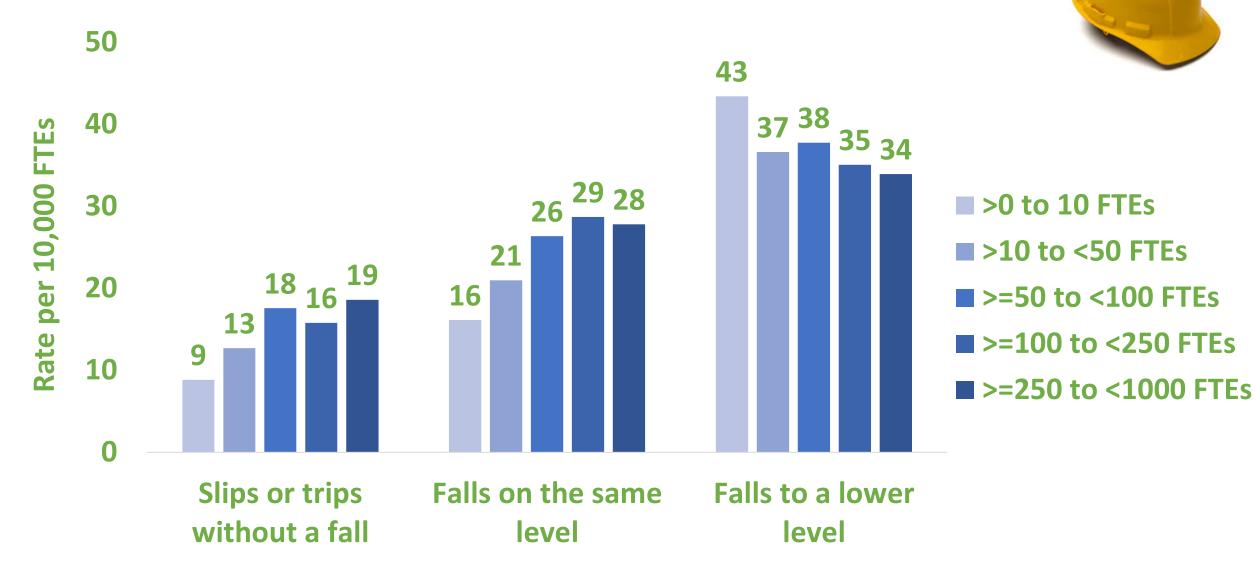
- 4,888 claims (51%)
- **38 per 10,000 FTE**
- Rates decreased by 23%
- 47% lost time
- 96% Male
- 72% aged 25-54 years
- Sprains (33%), fractures (29%), & contusions (17%)

Leading contributing factors





Rates of claims by establishment size (by fall type)



Ironworker Falls 42 Feet through Hole when Cover Fails

INCIDENT FACTS

REPORT #: 71-201-2020s

REPORT DATE: November 3, 2020

INCIDENT DATE: July 21, 2014

VICTIM: 31 years old

INDUSTRY: Structural steel and precast concrete contractors

OCCUPATION: Ironworker

SCENE: Roof deck of three-story college building under construction



NIOSH FACE (Fatality Assessment and Control Evaluation) Program

Ironworker Falls 42 feet...







Ironworker Falls 42 feet...



Investigators determined that the general contractor had installed the cover.

The 32-inch by 62-inch hole was covered by a 5/8-inch thick piece of 10-yearold worn plywood.

The plywood was 48 inches by 60 inches and was secured on one side with two nails to the stem wall sill. This placement left a gap of one inch on each end and only two sides of the plywood supported.

When the ironworker landed on the plywood, it buckled in the center.

Roofer Falls 30 Feet from Rain Slick Roof

INCIDENT FACTS

REPORT #: 71-203-2021s

REPORT DATE: January 19, 2021

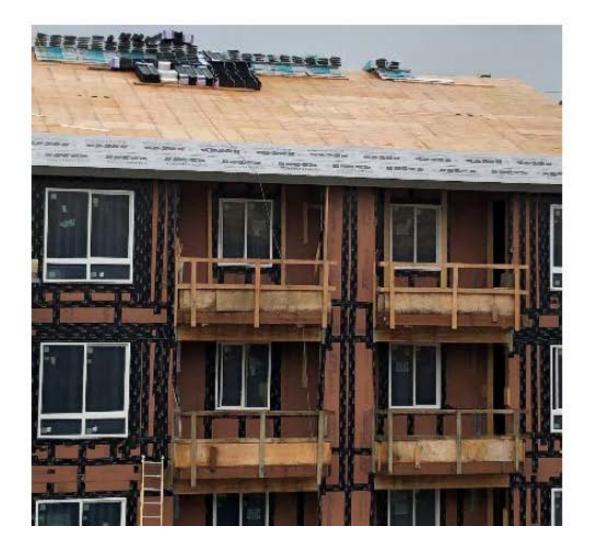
INCIDENT DATE: November 12, 2019

VICTIM: 45 years old

INDUSTRY: Roofing contractors

OCCUPATION: Roofer

SCENE: Roof deck of three-story apartment building under construction



NIOSH FACE (Fatality Assessment and Control Evaluation) Program:

Roofer Falls 30 ft...





Photo 2. Incident scene showing the location where the roofer fell 30 feet from the roof.

Roofer Falls 30 ft...



Investigators found:

- The roofer was wearing a fall protection harness, but a lanyard was not attached to it.
- The plywood decking had been exposed to rain for several weeks and due to it being uncovered the plywood fibers absorbed water and expanded, making the decking slick.
- 3. The roofer was wearing plastic rain pants, which could have accelerated his slide off the roof.
- 4. A crew leader-crew safety meeting had not been held that week.
- 5. A walk-around safety inspection had not been held that week.

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



TO PREVENT FALLS IN CONSTRUCTION

MAY 3-7, 2021



NIOSH Construction Falls Campaign site

The National Institute for Occupational Safety and Health (NIOSH)

NIOSH Directory of Construction Resources

NIOSH Directory of Construction Resources

NIOSH Program Portfolio: Construction

NORA Construction Research Agenda

NORA Construction Sector Council

About the Office of Construction Safety and Health

PREVENT FALLS IN CONSTRUCTION

<u>Español (Spanish)</u>

Falls are the number one cause of construction-worker fatalities, accounting for one-third of all on-the-job deaths in the industry. In 2018, there were 320 fall fatalities out of 1,008 total fatalities in construction (BLS data). Falls are a hazard found in <u>many work</u> <u>settings</u>, but construction has the most fatal falls out of all industries and represents 51% of all falls nationally.*



Three simple steps to preventing falls.

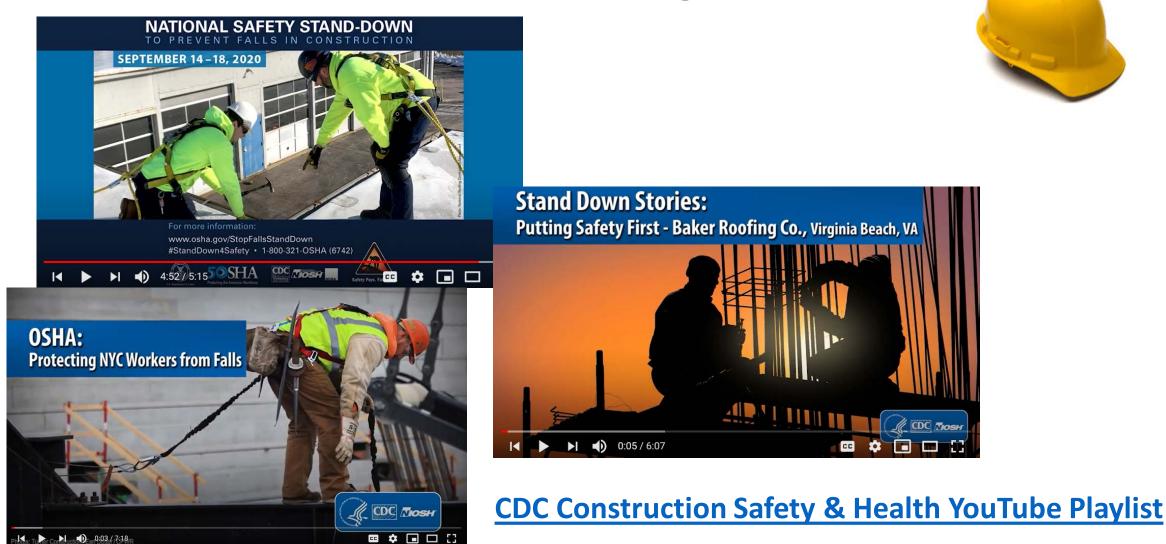


Credit Turner

Promoting productive workplaces through safety and health research



NIOSH Construction Falls Campaign Videos



https://www.cdc.gov/niosh/construction/stopfallscampaign.html



New NIOSH Products

Directory of Construction Resources

https://www.cdc.gov/niosh/construction

What do construction workers need to know about COVID-19?

Click <u>here</u> to learn more. Also check out our <u>NIOSH National Construction</u> <u>Center COVID-19 Resources</u> as well as this article, <u>"Safety and Health</u> <u>Implications of COVID-19 on the U.S.</u> <u>Construction Industry</u> .



NIOSH Science Blogs: COVID-19

Spotlights

- May 3-7, 2021: National Stand-Down to Prevent Falls in Construction
- <u>Stand-Down to Prevent Falls (Apr. 5</u> <u>Blog)</u>
- <u>COVID-19 Poses Big Challenges for</u> <u>Small Construction Firms (Mar. 9)</u>
- Envisioning the Future of Construction (Feb. 2)
- <u>A Guide to Respirators Used for</u> <u>Dust in Construction</u>
- Opioids in Construction

Gaiters & Others Masks



Wear a gaiter with two layers, or fold it to make two layers

Wear masks to help protect yourself from getting or spreading COVID-19. Wear masks with two or more layers to stop the spread of COVID-19. Wear the mask over your nose and mouth and secure it under your chin. Learn more here ☑ . For new update on "Filtering Facepiece Respirators with Exhalation





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https://www.cdc.gov/niosh/construction/

Disclaimer – 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

CPWR THE CENTER FOR CONSTRUCTION RESEARCH AND TRAINING

2021 National Safety Stand-Down to Prevent Falls in Construction

Chris Trahan Cain, Executive Director

3 May 2021

Fall Experience Survey

Complete and/or share the fall experience survey by *Friday May 14th!*

English & Spanish links can be found at: <u>https://tinyurl.com/fall-experience-survey</u>

<u>Goal of improving our understanding of</u> <u>underlying causes in order to:</u>

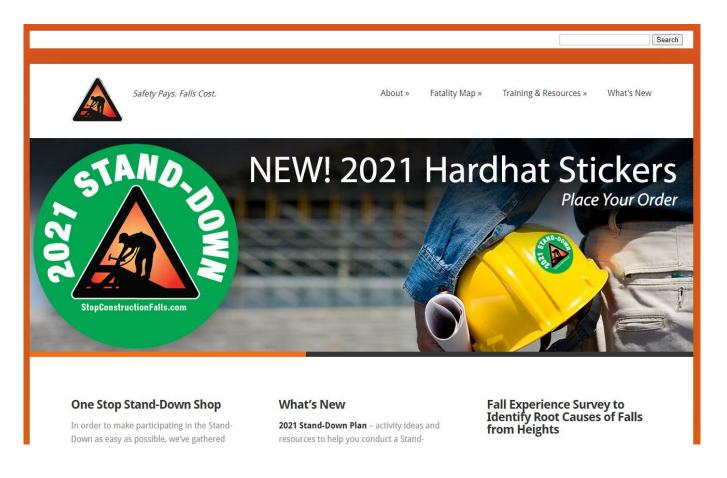
- Inform ASSP/ANSI voluntary standards
- Create more relevant resources and materials in support of the Fall Prevention Campaign & Stand-Down
- Improve CPWR outreach and education efforts
- Influence future research on fall safety
- Share data with industry to improve collective fall prevention efforts

- Anonymous
- Option to provide contact info in a separate survey form for further discussion

(not linked to original survey responses)

 Can be taken more than once for multiple incidents

Stand-Down Resources



https://stopconstructionfalls.com/

Fall Prevention Planning



PLAN. PROVIDE TRAIN. Three simple steps to preventing falls. Home Plan Provide Train En español		
Step 1: Plan Planning to prevent a fall starts when you are estimating about to get you started.	the cost Click Here to downlo	ad a simple form to develop your Fall Prevention Plan.
1. What fall exposures are expected?	Click Here to downlo	ad your Daily Job Site Checklist for Recognizing and Preventing Fal
 Deck or floor integrity (underside of deck, points of possible failure due to corrosion, etc.) Roof edge exposure where parapets are not at least 39" high Holes, skylights, hatches, or skylights openings Loading/offloading, material handling, access points 	 With u Job-rel Roof a ATV or 	eate a more detailed plan, click here. mpetent persons and fall protection: https://www.osha.gov/SLTC/competentperson/index.html tion Work Plan developed by Washington State Department of Labor & Industries rainingPrevention/Programs/FPWP.asp
 Ladders (set up or take down, climbing up and down, using to perform work) Scaffolds (climbing onto, using to perform work) 	 Penthouse (access, work in a small are Conduit or other piping (gas, water) Other (describe) 	ea)
2. What fall protection will be used?		
 Guardrail system (GRS) Scaffold w/guardrails Scissor lift 	 Horizontal life lines Roofing slide guards (used with PFA, G Catch platform 	RS or SNS)

Simple Plan (one page)

FALL F	REVENTION PLAN	Plan de prev	ención de caídas
Company Name	Date	Nombre de la compañía	Fecha
Job Site Address		Dirección del lugar de trabajo	
 Roof edge exposure where parapets Holes, skylights, hatches or skylight Loading/offloading, material handling Ladders (set-up or take down, climbi Scaffolds (climbing onto, using to pe Open-sided ramps, floors or other wo Job-related material handling trip haz Roof and other material loading and ATV or other motorized equipment u Penthouses (access, work in a small Conduit or other piping (gas, water) Other (describe): Other (describe): Other (describe): Scaffold wiguardrails Scaffold wiguardrails Scissor lift Personal fall arestraint system Personal fall arest system (PFA) Covers for holes and openings Safety Monitor on roofs ≤50' in width 	eck, points of possible failure due to corrosion, etc.) are not at least 39" high openings racess points g up and down, using to perform work) form work) king/working surfaces, etc. with unprotected edges/ <u>sides</u> ards off loading se area)	 corrosión, etc.) Exposición del borde del techo, donde los para Aquieros, claraboyas, escotillas o aberturas en openiona) Cargaidescarga, manipulación de material, pur Escaleras (instalarlas o desmontarlas, subirlas Andemios (subires e ellos, usarios para realiza) 	erior de la plataforma, <u>posible puntos</u> de falla debido a la petos no tienen al menos 39° de altura las claraboyas (Holes, skylights, batches, or skylights, tos de acceso y bajarlas, usarlas para realizar los trabajos) r los trabajos) a caminantrabajar, etc., con bordes o lados desprotegidos rial de trabajo
 4) How will drop hazards/falling objects be □Inspect and protect for overhead hole □Set up a restricted area below overhe □Tether tools and materials where pos □Properly store tools, materials and re heights 	s/gaps DHoisted materials to be secured/netted ad work DOther (describe):	 3) Sea específico: ¿quién garantizará la adecuad de la protección contra caídas?	
5) If a worker <u>falls</u>:a) How will the fallen worker be rescued?		andage en las paras etersidas DAmaré las herramientas y los materiales siempre que sea posible	Otro (describa):
b) Who will be contacted in the event of ar	emergency?	 5) Si un trabajador se cae: a) ¿Cómo se rescatará al trabajador que se cayó? _ 	
Please attach a list of the employees who h equipment to be used	ave reviewed this plan and have been trained on the protective	 b) ¿A quién se contactará en caso de una emergeno 	is?
"Learn about requirements for competent persons and fall protect Source: Adapted from a Fall Protection Work Plan developed by		*Conszca los requisitos para personas competentes y protección contra caldas Fuente: Adaptado de un plan de trabajo de protección contra caldas, diseñado ;	



Detailed Plan (14 pages)

CPWR THE CENTER FOR CONSTRUCT RESEARCH AND TRA	UCTION INING	
EXALL PROTECTION CPWR – The Center for Construction Research and Training creater National Campaign to Prevent Falls in Construction to provide companies enhance their site-specific fall protection plans. While OSHA only requir employees engaged in leading edge work, precast concrete erection work, can demonstrate that it is infeasible or it creates a greater hazard to use or (See 1926.501(b)(2), (b)(12), and (b)(13)), CPWR believes that developin protection plan is essential to protect all workers at risk for a fall. We enco (but a rea applicable to your jobsite(s)). Note: blue text indicates that a word can be found in the glossor For more information about the National Campaign to Prevent Fall	example, while ladders may provide quick and and down, and in some cases a scaffold or lift existing fall hazards and work activities, along	of equipment has different advantages and disadvantages. For d easy access, there is a high rate of injury just from climbing up may be safer. A competent person should carefully review all with safe use requirements and product limitations, to ensure the limitations to the equipment you've selected and steps to address s) Steps to Address Limitation(s)
participate in the annual Safety Stand-Down, visit stop Job Name: Jobsite Phone: Job Address: Job Foreman: Qualified Person:	recommendations. Copies of manufacturer's equipment used. Pre-job checks should be co removed from use immediately. Manufacture followed. Use the following table to describe procedure:	ment should be done according to manufacturers' specifications should be included in your plan for each type of noducetd adily. Any defective equipment should be tagged and er recommendations for maintenance and inspection should be ts for assembly, maintenance, inspection, and disassembly of the name of the qualified person responsible.
 JOBSITE/BUILDING DETAILS Use the following page to sketch and note the important details of the job: Type of jobsite or building (e.g., two-story residential home, comm Type of work being done (e.g., framing, roofing, electrical, restorati Prevention through Design measures already in place (e.g., perman Relevant work surfaces & building materials (e.g., abrasive concrete Estimated duration of job (should you consider longer-term solutio lifts?) 	A. METHOD OF FALL ARREST OR FALL RES When selecting appropriate personal fail arree consider factors such as building material, hei systems work by stopping a free fail after the happening after a slip or trip. It is important n category of equipment and materials used to of	
PLAN. PROVIDE. TRAIN. Three simple a	equipment selected).	s will be based on the characteristics of each worker and the ank rows if necessary. Write details such as manufacturer or int when relevant.

CPWR THE CENTER FOR CONSTRUCTION RESEARCH AND TRAINING Plan de Protección Contra Caídas

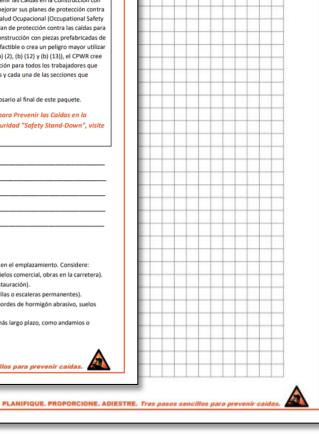
El Centro de Investigación y Capacitación en Construcción (Center for Construction Research and Training, CPWR) redactó este documento como parte de la Campaña Nacional para Prevenir las Caídas en la Construcción con miras a proporcionar a las empresas una guía sobre cómo desarrollar o mejorar sus planes de protección contra las caídas en sitios específicos. Si bien la Administración de Seguridad y Salud Ocupacional (Occupational Safety and Health Administration, OSHA) exige únicamente la redacción de un plan de protección contra las caídas para los empleados que realizan trabajos en bordes desprotegidos, obras de construcción con piezas prefabricadas de normigón u obras de construcción residencial que demuestren que no es factible o crea un peligro mayor utilizar un equipo convencional de protección contra las caídas (Ver 1926.501 (b) (2), (b) (12) y (b) (13)), el CPWR cree que es esencial desarrollar e implementar un plan detallado de protección para todos los trabajadores que corren el riesgo de sufrir una caída. Le exhortamos que utilice todas y cada una de las secciones que correspondan al emplazamiento.

Nota: el texto en azul indica que la palabra se encuentra en el glosario al final de este paquete.

Para obtener más información sobre la Campaña Nacional para Prevenir las Caídas en la Construcción, incluso cómo participar en la actividad anual de seguridad "Safety Stand-Down", visite stopconstructionfalls.com

Nombre del trabajo: Teléfono del emplazamiento Dirección de la obra: Capataz Persona Calificada 1. EMPLAZAMIENTO / DETALLES DEL EDIFICIO Utilice la siguiente página para delinear y anotar los detalles importantes en el emplazamiento. Considere: Tipo de emplazamiento o edificio (residencia de dos pisos, rascacielos comercial, obras en la carretera). • Tipo de trabajo que se realiza (enmarcado, techado, eléctrico, restauración). · Prevención mediante medidas de diseño ya establecidas (barandillas o escaleras permanentes). · Superficies de trabajo y material de construcción de relevancia (bordes de hormigón abrasivo, suelos resbaladizos). Duración estimada de la obra (¿debería considerar soluciones a más largo plazo, como andamios o ascensores móviles?)

PLANIFIQUE. PROPORCIONE. ADIESTRE. Tres pasos sencillos para prevenir caídas.



os detalles importantes del lugar de la obra.

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

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

Daily Checklist

Daily Job Site Checklist for Recog Job Name/Location: Based on your Fall Prevention Plan, ider find the safety equipment. Initial when en team to prevent a fall.	ntify the fall hazards employees may er quipment is ready for use and employe	ncounter on the job today, how falls wi es are properly trained on its use. Sha	II be prevented, and are this information	d where to with your	No Co có los	ta de verificación diaria del siti mbre del trabajo/ubicación: n base en su plan de prevención mo se evitarán las caídas y dónde empleados estén capacitados ad	de caídas, identifique los riesgos encontrar el equipo de seguridad	le caídas que los empleados pue . Coloque sus iniciales cuando el parta esta información con su equ	den encontrar hoy equipo esté listo p	en el trabajo, para usar y
Fall Hazard	Fall prevention equipment or work practice	Safety Equipment Location	Equipment is in order? Initial	Employees trained? (see reverse side) Initial	Riesgo	s de caída	Equipo de prevención de caídas o práctica laboral	Ubicación del equipo de seguridad	¿El equipo está en orden? <i>Coloque</i> <i>sus</i> <i>iniciales</i>	Empleados capacitados (ver reverso) <i>Coloque</i> <i>sus</i> <i>iniciales</i>
If someone is injured – call 911 an	d then call:									

Stand-Down Planning Resources

- 2021 Stand-Down Plan
- 2021 Social Media Guide
- How-to Guide
- Success Story Examples
- 11 Year-round Activities

https://stopconstructionfalls.com/ one-stop-stand-down-shop/

STANDING DOWN FOR FALL SAFETY IN 2021

Ideas for Virtual or Socially Distanced Stand-Down Events

September 14-12th is the 7th annual National Salety Stand Down to Prevent Falls in Construction - an opportunity to parene work or july ites across the courty and talk above, fall safety with crosses large and small. Muchlike work and life in general, however, your stand-down activities might book a ittle different during the pandemic this year. Below are several ideas for holding an event to the oppoyees virtually to in person at a safe distance. Besure to follow the most recent CDC guidelines and other guidelines for the construction industry to protect yourself and others from the spread of COVID-13.

1. Host or Attend a Virtual Event...

UPTION 40 - Use Zoom, Microsoft Teams, or another online platform to hold a meeting to review fall safetybesics, conduct a training, or remind employees of company policies for fell prevention and protection.

OPTION 12 - Attendic live webinar held by another organization. CSHA's Stand Down calendar lists virtual events open to the public.

OPTION #3 Hold a virtual meeting using an online platform to watch an on-demand weblinar or other video, and as pre-incorsed webinars about joining the Stand-Down, non-brisatety, fall reases, and Q&A with a panel of ANS 7-850 expects. Then use some time at the end for a live discussion.

2. Share short videos or podcasts...

THE CONTRACT OWNERS TO CTUDE RESERCH AND TRAINING

August 18: 2020

Not enough time for a meeting or ecent? Share short viceos or probasts? with your crew lost can be viewed or latened to on a break or during the commute. Then talk about it for a few minutes at a morning meeting - but remember to stay 6 feet coart! Check out CPWR's YouTube playist on fells, with new videos from NIOSH. Westcosts coming as an of sugarmeter infals are

3. Conduct a Toolbox Talk or Fall Protection Demo You can still do some of the activities your would do during any Stand Down. Conduct a toolhox talk, safety presentation, or fall pristicitical denorshation, making sme washers are

at least 6 feet apart and wearing face

6 ft.

opverings

6 ft.

competent person has identified hazards and their solutions. Discuss your findings with workers to ensure the best solutions are being used to prevent falls. If you do not currently have JHAs for your worksite, visit our planning page for a Daily Job Site Checklist for Recognizing and Preventing Falls.

workers to perform these daily duties.

5. Share & Discuss Short Videos and Podcasts...

Not enough time for a meeting or event? Listen to or watch short videos and podcasts that are available in English and Spanish with your crew during a break or commute. Then talk about the information for a few minutes before a shift or during a break - but remember to stay at least 6 feet apart and wear face coverings!

Check out CPWR's YouTube playlist on falls including videos from NIOSH and other partners.

6. Hold a Fall Story Share...

Dedicate time - either virtually or in-person - for employees and managers to share stories about how falls have changed their lives and what they are doing now to prevent falls. Hearing a story from a coworker or manager will communicate the serious harm caused by falls and help workers better understand the importance of preventing them. Remember to stay 6 feet apart and wear face coverings.

4. Inspect Equipment and Revisit Job Hazard Analyses...

Use this week as an opportunity to inspect all equipment, tag and remove any equipment that is damaged or broken, and follow your company's expectations for daily pre-shift

and removing equipment and confirm that managers are providing sufficient time for

safety checks. Make sure workers know your company's procedures for inspecting, tagging,

Revisit your Job Hazard Analyses (JHAs) and other safety check procedures at your worksite. Ensure a



DO NOT

USE

7. Participate in the Fall Experience Survey...

Have you or your employees experienced, witnessed, or investigated a fall? If so, please fill out CPWR's Fall Experience Survey (in English or Spanish) to help build knowledge about root causes of falls from heights. The survey takes 10-15 minutes to complete, is anonymous, and closes Friday, May 14, 2021.

8. Get Your Certificate of Participation...

After the Stand-Down ends, visit OSHA's website to receive your certificate of participation. Returning participants are encouraged to register for new certificates annually.

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Toolbox Talks, Hazard Alert Cards, Infographics

Toolbox Talks

- Aerial Lifts
- Preventing Falls From Rooftops
- Preventing Falls From Scaffolding
- Falls: Extension Ladders
- Falls: Step Ladders
- Falls from Heavy Equipment
- Preventing Falls Through Holes



& other topics...

Hazard Alert Cards

Available as PDFs in English & Spanish or free English pocket-sized cards via the online ordering form

- Fall Harnesses
- Aerial Lifts
 - https://stopconstructionfalls.com
 - Ladders /online-ordering-form/
- Scaffolds

CPWR-NIOSH Infographics

Great for social media & job site posters



Videos & Webinars

<u>Videos</u>

- Stand-Down Promo Video
- Safe Ladder Practices in Roofing (also in Spanish)
- NIOSH's Partners in Safety: An Insurance and Small Business Perspective
- Preventing Falls Through Skylights (also in Spanish)
- La seguridad paga, las caídas cuestan.
- La Salud no Tiene Precio. Construcción: Protéjase en el Trabajo.
- A Simple Task Fatal Ladder Fall
- CPWR's Don't Fall For It Video
- UCOR Ladder Testimonials
- Mira hacia arriba y vive
- Prevención de caídas por tragaluces

<u>Webinars</u>

All live webinars are recorded & available on demand.

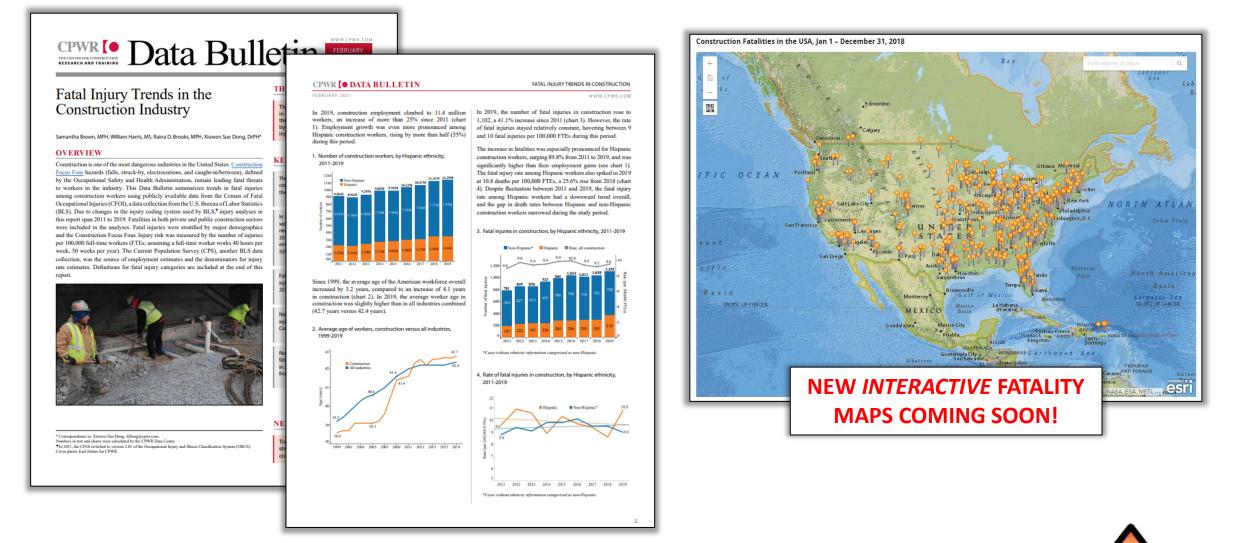
- Harness Fit
- Fall Protection Q&As with ANSI Z359 Members
- Trends of Fall Injuries in Construction
- Fall Prevention in Roofing
- Suspension Trauma & Rescue Plans
- Annual Stand-Down Kick-off Webinars with OSHA, NIOSH & CPWR



Fall Hazards & Prevention Playlist: https://youtube.com/playlist?list=PLuzTg2wYpXWW 6QUkDzPJ-PEuBn4GgYzJ1



Access to Data



OSHA Certificate of Participation



https://www.osha.gov/ stop-falls-stand-down#cert

Evaluation Efforts

Evaluation Efforts

Whenever possible, we have taken advantage of opportunities to evaluate reach and participation in the Campaign and National Safety Stand-Down. Based on those efforts, we have developed the following reports and stories.

CPWR Analyses of OSHA Collected Stand-Down Participation Data – During each annual Safety Stand-Down OSHA offers certificates of participation for companies that hold their own stand-downs. Several years of that data has been analyzed confidentially and in aggregate by CPWR.

- 2020 Data Analysis: Factsheet and Full Report
- 2019 Data Analysis: Factsheet and Full Report
- 2016 Data Analysis
- 2014 & 2015 Data Analysis



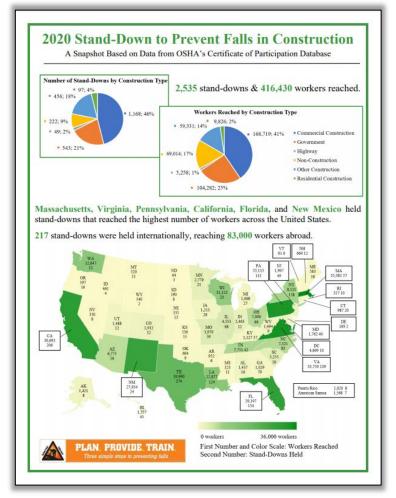
Social Network Analysis of the Falls Campaign – In 2017, five years after the Falls Campaign's conception, CPWR approached the Center on Network Science (CNS) at the University of Colorado Denver, to conduct a Social Network Analysis (SNA) on the network that has been developed through the Falls Campaign. CNS conducted the SNA using an online survey of known Campaign partners via the PARTNER Tool (www.partnertool.net). Read the Executive Summary here.

Hardhat Sticker Ordering Form Data – CPWR has been disseminating fall-related Hazard Alert Cards in the months leading up to the annual Stand-Down since 2014, as well as Stand-Down hardhat stickers since 2015. With the introduction of an online ordering form in 2017 and coordinated promotion with OSHA and NIOSH, we have seen increases in the number of orders each year. In 2019, we disseminated all 375,000 stickers we had printed, and even began sending out the artwork for companies to print their own stickers.

_	2014	2015	2016	2017	2018	2019
Hardhat Stickers	-	50,000	50,000	173,000	260,000	375,000
Hazard Alerts	1,800	9,186	14,100	70,215	142,213	280,000+

Success Stories – In order to highlight successful stand-down efforts and give others ideas, we have worked with individual companies to write a number of Stand-Down success stories.

• 2017 Success Stories



https://stopconstructionfalls.com/about-the-campaign/evaluation-efforts/