

CPWR – The Center for Construction Research & Training’s Analysis of OSHA’S National Falls Campaign Stand-Down Data

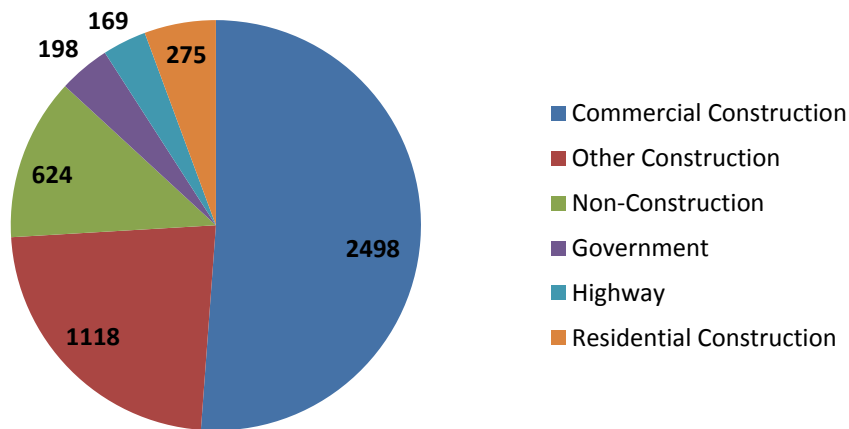
NOTE: The following data is based on information gathered only from the OSHA Stand-Down certificate database, where participants voluntarily entered their information in exchange for a certificate of participation. It does not include other sources of information, such as emails and anecdotes received by OSHA and CPWR. The actual numbers are likely much larger. For example, the US Air Force alone reached over 650,000 military and civilian personnel internationally.

Total Number of Entries Submitted: 4,882

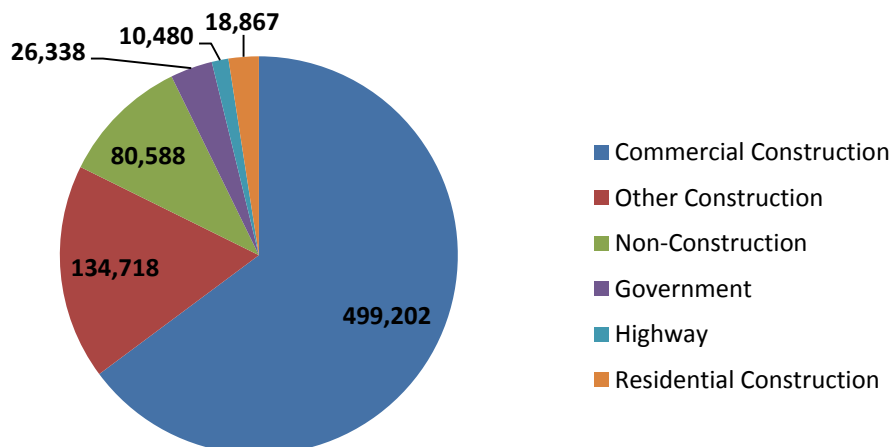
Total Number of Individuals Reached: 770,193

Type of Construction	Percentage of Entries Submitted	Percentage of Individuals Reached
Commercial Construction	51.17%	64.82%
Other Construction	22.9%	17.49%
Non-Construction	12.78%	10.46%
Government	4.06%	3.42%
Residential Construction	5.63%	2.45%
Highway	3.46%	1.36%

Number of Distinct Entries



Number of Individuals Reached



Percentage of stand-downs with 25 or fewer individuals = 49.79%

- 2,438 entries
- Accounts for 25,485 workers
- **Residential Construction stand-downs with 25 or fewer individuals:**
 - 159 sites
 - 57.8% of all residential construction entries
 - Accounts for 1,473 workers

Percentage of stand-downs with less than 100 individuals = 77.90%

NOTE: Participants were not asked to indicate the size of their company so it is important that the distinction be made between companies of 25 or fewer individuals and stand-downs with 25 or fewer individuals in attendance. The information contained here refers strictly to stand-downs that included 25 individuals or less. This includes large companies who simply divided their stand-downs by site, companies that only employ a small number of workers, companies who only targeted their safety teams, and a number of other types of stand-downs. It is also worth noting that many of the larger stand-downs conducted by large contractors also included their subcontractors who employ 25 or fewer individuals and those may not be accounted for here.

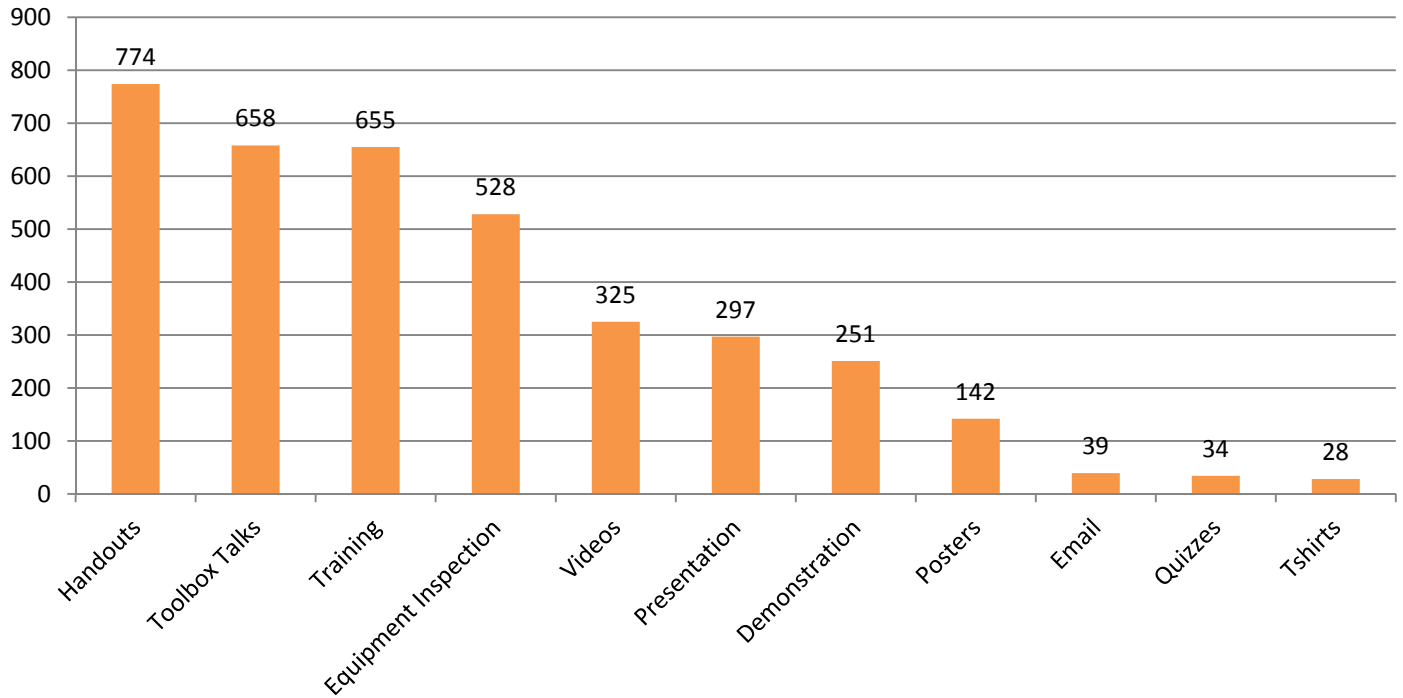
Common activities conducted on ALL stand-downs:

- Handed out materials, fact sheets, etc. = 774
- Conducted Toolbox Talks = 658
- Conducted some sort of training = 655
- Equipment inspection = 528
- Showed or provided videos = 325
- Gave presentations = 297
- Fall protection demonstration = 251
- Hung promotional or informative posters = 142
- Email = 39
- Gave quizzes = 34
- Handed out t-shirts = 28

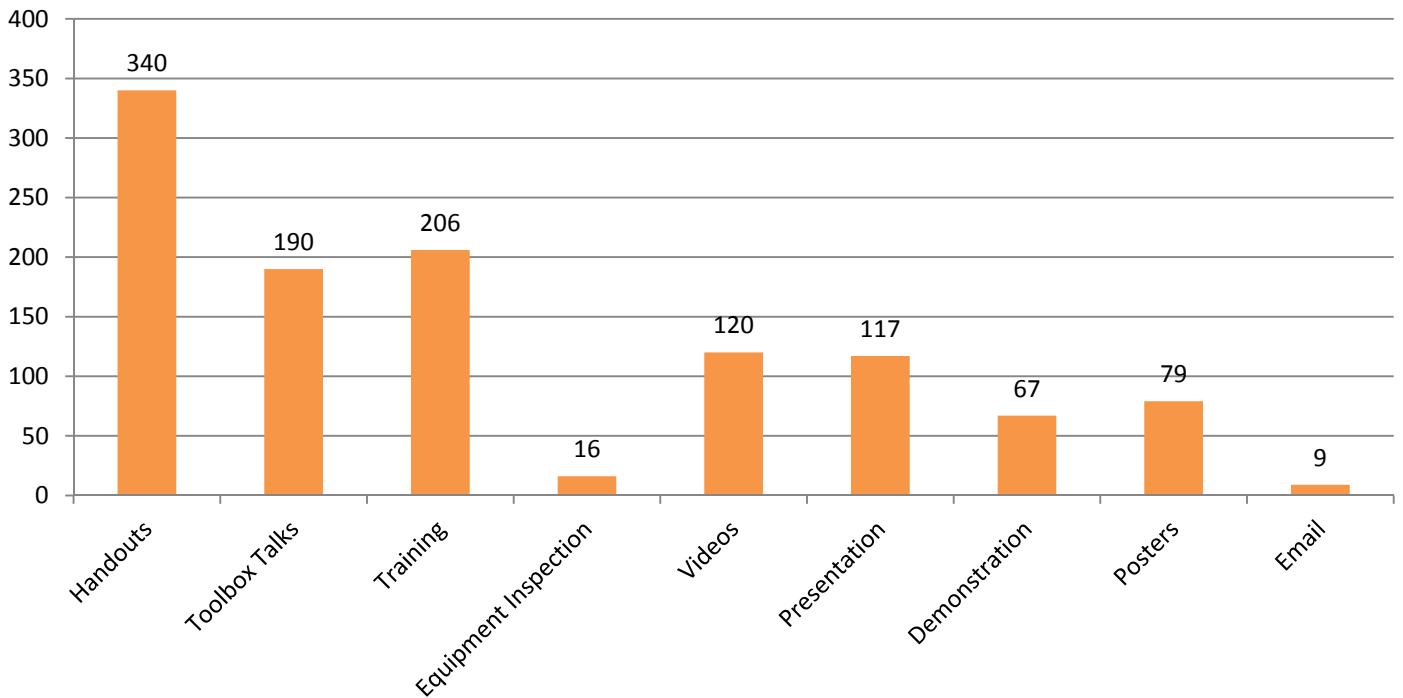
Most common activities on SMALL stand-downs (25 or fewer):

- Handouts/materials/fact sheets = 340
- Training = 206
- Toolbox Talks = 190
- Videos = 120
- Presentations = 117
- Posters = 79
- Fall protection demonstration = 67
- Equipment inspection = 16
- Email = 9

Activities Conducted on All Stand-Downs



Activities Conducted on Stand-Downs of 25 or Fewer



All US Data by State/Territory

Approximately 100 companies held Stand-Downs in 2 or more states

NOTE: These totals differ from those listed above because international stand-downs are not included in the list by state/territory. The Fall Fatality data has been collected by CPWR's Data Center, and is no way proven to be directly correlated to the stand-down data, but is included to show the comparison between stand-downs conducted and number of workers killed by falls in each state.

State/Territory	Number of Stand-Downs	% of Stand-Downs	Number of Individuals Reached	% of Individuals Reached	Fall Fatalities from CPWR's 2013 Data	% of US Fall Fatalities in 2013
Alaska (AK)	28	0.59%	1,278	0.18%	1	0.49%
Alabama (AL)	61	1.28%	5,346	0.74%	2	0.97%
Arkansas (AR)	30	0.63%	3,324	0.46%	2	0.97%
Arizona (AZ)	91	1.91%	12,765	1.78%	5	2.43%
California (CA)	316	6.63%	243,176	33.9%	13	6.31%
Colorado (CO)	66	1.39%	9,669	1.35%	4	1.94%
Connecticut (CT)	113	2.37%	4,831	0.67%	2	0.97%
District of Columbia (DC)	26	0.55%	7,701	1.07%	0	
Delaware (DE)	14	0.29%	1,677	0.23%	1	0.49%
Florida (FL)	265	5.56%	25,839	3.60%	18	8.74%
Georgia (GA)	135	2.83%	15,465	2.15%	7	3.4%
Guam (GU)	51	1.07%	1,422	0.20%	0 (or N/A)	--
Hawaii (HI)	55	1.15%	5,034	0.70%	2	0.97%
Idaho (ID)	40	0.84%	883	0.12%	2	0.97%
Illinois (IL)	211	4.43%	18,812	2.62%	7	3.4%
Indiana (IN)	69	1.45%	40,187	5.60%	2	0.97%
Iowa (IA)	37	0.78%	1,797	0.25%	2	0.97%
Kansas (KS)	55	1.15%	4,970	0.69%	2	0.97%
Kentucky (KY)	70	1.47%	7,524	1.05%	4	1.94%
Louisiana (LA)	104	2.18%	13,032	1.81%	4	1.94%
Maine (ME)	25	0.525	1,325	0.18%	3	1.46%
Maryland (MD)	109	2.29%	12,600	1.75%	4	1.94%
Massachusetts (MA)	79	1.66%	4,728	0.66%	4	1.94%
Michigan (MI)	183	3.84%	6,118	0.71%	6	2.91%
Minnesota (MN)	73	1.53%	18,720	2.61%	3	1.46%
Mississippi (MS)	55	1.15%	2,598	0.36%	3	1.46%
Missouri (MO)	96	2.01%	6,849	0.95%	3	1.46%
Montana (MT)	18	0.38%	347	0.05%	1	0.49%
Nebraska (NE)	23	0.48%	1,901	0.26%	1	0.49%
Nevada (NV)	30	0.63%	4,271	0.59%	3	1.46%
New Hampshire (NH)	27	0.57%	1,195	0.17%	1	0.49%
New Jersey (NJ)	121	2.54%	6,352	0.88%	2	0.97%
New Mexico (NM)	43	0.90%	2,853	0.40%	0	--
New York (NY)	297	6.23%	69,677	9.70%	13	6.31%
North Carolina (NC)	224	4.70%	7,320	1.02%	3	1.46%
North Dakota (ND)	17	0.36%	874	0.12%	2	0.97%
Ohio (OH)	171	3.59%	15,802	2.20%	5	2.43%

Oklahoma (OK)	47	0.99%	1,624	0.23%	4	1.94%
Oregon (OR)	19	0.40%	2,252	0.31%	2	0.97%
Pennsylvania (PA)	257	5.39%	27,733	3.86%	2	0.97%
Puerto Rico (PR)	34	0.71%	1,062	0.15%	2	0.97%
Rhode Island (RI)	13	0.27%	6,731	0.94%	2	0.97%
South Carolina (SC)	60	1.26%	5,074	0.71%	1	0.49%
South Dakota (SD)	6	0.13%	142	0.02%	2	0.97%
Tennessee (TN)	55	1.15%	8,954	1.25%	4	1.94%
Texas (TX)	439	9.21%	40,438	5.63%	27	13.11%
Utah (UT)	40	0.84%	6,341	0.89%	2	0.97%
Vermont (VT)	32	0.67%	1,570	0.22%	0	--
Virginia (VA)	82	1.72%	12,543	1.75%	10	4.85%
Washington (WA)	71	1.49%	5,934	0.83%	2	0.97%
Wisconsin (WI)	117	2.46%	5,850	0.81%	5	2.43%
West Virginia (WV)	26	0.55%	1,850	0.26%	3	1.46%
Wyoming (WY)	39	0.82%	1,857	0.26%	0	--
TOTAL	4,765		718,217	100%		100%

Data by OSHA Region

Region	Total # of Stand-Downs	Total # of Individuals Reached	Commercial Construction (SD/Indiv.)		Other Construction (SD/Indiv.)		Residential Construction (SD/Indiv.)		Non-Construction (SD/Indiv.)		Government (SD/Indiv.)		Highway (SD/Indiv.)	
1	289	20,380	107	7,818	38	8,241	19	498	42	2,137	21	232	62	1,454
2	452	77,091	239	61,813	118	6,738	26	1,810	43	2,807	12	2,137	14	1,786
3	514	64,104	275	33,513	80	7,727	28	4,438	95	11,280	22	6,076	14	1,070
4	925	78,120	494	34,527	177	23,620	67	3,906	123	9,662	40	4,747	24	1,658
5	824	105,489	460	69,922	202	23,388	42	1,193	85	10,047	21	518	14	421
6	663	61,271	307	27,126	208	21,459	18	918	89	7,362	21	2,601	20	1,805
7	211	15,517	103	8,522	48	4,054	13	591	35	1,926	7	166	5	258
8	186	19,230	102	8,978	32	3,515	7	2,226	34	3,165	7	752	4	594
9	543	266,668	309	218,957	121	11,155	42	1,599	41	30,920	25	2,779	5	1,258
10	158	10,347	72	5,667	39	3,394	9	157	25	483	6	470	7	176
INTL	115	51,837	29	22,239	55	21,427	4	1,531	11	780	16	5,860	0	0
Total	4,880	770,054	2,497	499,082	1,118	134,718	275	18,867	623	80,569	198	26,338	169	10,480

NOTE: "CM" was listed under region for two entries – 1 Commercial Construction w/ 120 individuals; 1 Non-Construction w/ 19 individuals. This accounts for the difference between the totals above and the overall totals on the first page.

Comments and Recommendations

Positive comments:

- Great marketing of this program
“Hope to see it in my inbox next year as well!”
- Great posters
“We used the posters provided by the OSHA website which made our jobs a lot easier to advertise to our entire site.”
- Good materials & sources of information available
“Great training materials provided by our local OSHA office - made it easier to train this year. We also liked that the entire week was dedicated to the stand down - it made it easier to work with the general contractor to pick a day convenient for the jobsite.”
- Great job!
“Having frequent National Stand Downs, such as this, are effective. It allows everyone to take an extra moment to come together for discussion about safety. We practice it daily as a crew, but when everyone is forced to stop what they are doing to discuss the importance of safety, it seems to take on a larger impact.”

“Honestly I thought the roll-out was great, and the concept fantastic. Not sure what could be done better, unless there are more companies or industries that can be reached electronically. Perhaps some more "group" offerings with notice to sign up may help get even more folks involved. Thank you!”

“I believe this was a very good exercise, I was able to get our safety committee involved and enlighten the employees on the different types of fall hazards. Technically we are general industry and are not exposed to most of the fall hazards you may encounter on construction sites, but it was a great exercise to just bring awareness. I would suggest doing something similar for all of your top 10 MFC list to help bring awareness to the biggest concerns.”
- No changes needed
“I don't know that anything needs to be changed. There was plenty of notice that it was coming and the OSHA office here in Birmingham AL have been great to work with in setting them up to come and speak at our site.”

“I don't have suggestions at this point. There were good materials available, adequate notice given, and registering was easy.”

Recommendations for future events:

- **Better advertisement & promotion, Provide more advance notice; get the message out earlier**
“I think perhaps more advance advertisement through newsletters and billboards. I didn't realize that t-shirts were available or that there was a national website until safety week was already over.”

“Having a little more notice would have allowed us to prepare better. I believe that the first notice we received was about two week prior to the event.”
- More involvement from OSHA on particular sites (send local officers or area directors, prepare written or recorded statements/information on OSHA programs and efforts), and more public/local events

"I can see this program having good success if there were more local initiatives. This year we did not have any events. I believe this has a potential to have an impact and people making themselves more aware of Fall Hazard."

"Have the area directors send a personal invite any company that's been sited to participate because 'we're in it together'"

"As a VPP company I would like to see OSHA area Directors come out to the site and show OSHAS support to the subject matter."

- Allow submission of photos of participating organizations & feature them somewhere

"It would be nice if you had a place where we could upload photos of the safety meetings taking place. I strongly that people enjoy seeing visual material especially in the construction industry."

- Provide more videos or a specific Stand-Down video. Provide more/better materials in order to give people base information and add some consistency in what is being done nationwide

"The ladder video was very useful. More videos like that, but on fall protection devices would be helpful."

"A video on fall protection , and maybe a better explanation of the role ANSI standards play and what do they mean, a more clear explanation of the knot tying in lifelines standard for example makes it easier for us to communicate the message to our employees. Good idea overall , but maybe earlier in the year next time."

"A suggestion would be to have a greater variety of printable resources that had better application to companies like mechanical contractors. They also have significant fall exposures, but a lot of the materials that could be downloaded did not have as much application to what they do on a regular basis."

- Provide more statistics, technical data, and real-life stories so that workers can relate and understand that this can happen to them

"It would be interesting to add statistics and interesting tidbits to help employees see this from a different perspective."

- Add more topics/change the stand-down topic annually (specific suggestions included MSDs, PPE, electrical hazards/electrical safety, heat stress, hazard communication, forklift & other equipment safety, **focus four**, silica)

"An initiative on MSD's, Muscular Skeletor Disorders, which plague our industry and what can be done to prevent them would be appreciated. More involvement from the OSHA representatives would be appreciated."

- Do more stand-downs throughout the year (e.g. monthly, quarterly)

"Have more. These initiatives with OSHA's support are extremely helpful in communicating our belief that 'falling is not an option'"

"If we had more stand down weeks throughout the year over more topics to further educate all employees."

- Provide free web-training with tests/quizzes afterward that trainers can administer to workers; increase training available on DOL sites

"It would be nice to have a packet of training material along with test and answers to be able to pass out on each day, then give a written test to be filed in employee files."

- Several folks mentioned providing hardhat stickers – some did not know they were available, others wanted more

"Please make handouts more available. i.e., stickers and cards. we had cards and stickers made up for this event when we found that OSHA would only supply 5 each."

- Add more languages (materials, presentations, videos)

“I would like to see more bi-lingual information for Polish speaking workers.”

“The materials provided were great, in Spanish version. If you can provide more Spanish version materials as we deal with more Spanish speaking personnel.”

- Confusion around the term Stand-Down

“The only feedback that I received in regard to this program was the word "Stand Down". Here at National we identify those words as a period of time away from work with no pay. It caused some confusion.”

- Expand audiences to include general industry, families of workers

“For the future a need to reach the families of the workers; possibly a short TV/Radio advertisement.”

“I think more stand down should be done for General Industry topics. Maybe do some on grinding or welding safety.”

For more information on the Campaign to Stop Falls in Construction and the National Safety Stand-Down, visit the joint OSHA-NIOSH-CPWR campaign site stopconstructionfalls.com



stopconstructionfalls.com