

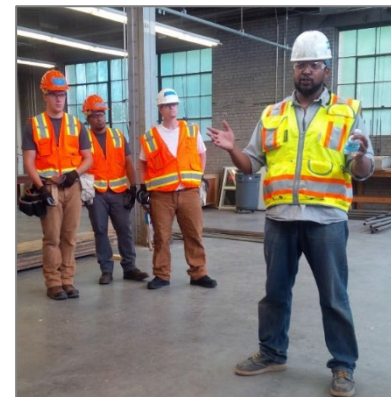
Update on WTP's Response to COVID-19

Sharon D. Beard, Acting Director
NIEHS Worker Training Program

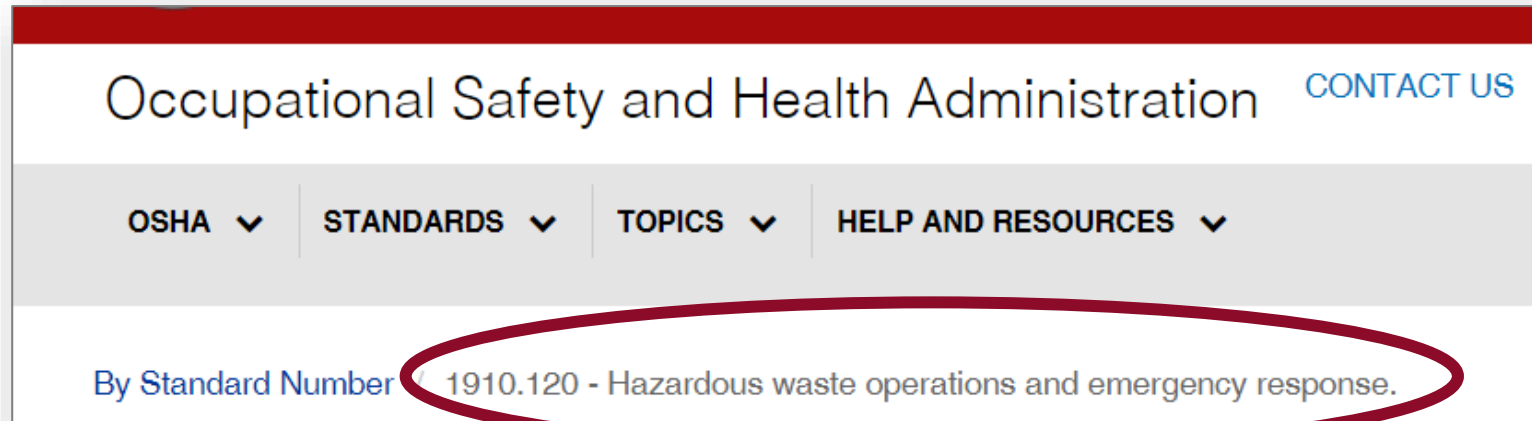


WTP: Saving Lives and Preventing Injury Across Industries

- Training across industries, e.g.:
 - **California:** Hazardous Waste Operations and Emergency Response (HAZWOPER) for laborers (LIUNA Training and Education Fund)
 - **Kentucky:** Control of hazardous energy (lockout/tagout) for manufacturing employees, (International Union, United Automobile, Aerospace and Agricultural Implement Workers of America/UAW)
 - **Outreach to Army Personnel – KS/OK/WA/:** 11-day Haz Mat worker training for 200 Army personnel leaving service. (The Partnership for Environmental Technology Education (PETE), Community College Consortium for Health and Safety Training (CCCHST).
- Industries also include: Building trades workers, law enforcement officers, healthcare employees, crane and bulldozer operators, rail workers



HAZardous Waste Operations and Emergency Response (HAZWOPER) Standard: Basis of the NIEHS WTP



- **Hazardous substance** means any substance designated or listed under (A) through (D) of this definition, exposure to which results or may result in adverse effects on the health or safety of employees:
- [B] **Any biologic agent and other disease causing agent** which after release into the environment and upon exposure, ingestion, inhalation, or assimilation into any person, either directly from the environment or indirectly by ingestion through food chains, will or may reasonably be anticipated to cause death, disease, behavioral abnormalities, cancer, genetic mutation, physiological malfunctions (including malfunctions in reproduction) or physical deformations in such persons or their offspring.



Protecting workers from infectious diseases falls under other regulations integrated into our programs

Federal Law

Section 5(a)(1) of the Occupational Safety and Health (OSH) Act of 1970 (General Duty Clause)

OSHA Standards

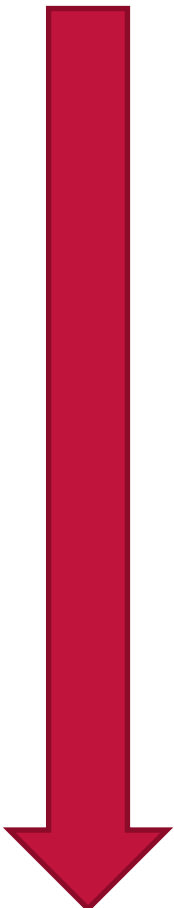
Bloodborne Pathogens (29 CFR 1910.1030)

Respiratory Protection (29 CFR 1910.134)

Personal Protective Equipment (PPE) (29 CFR 1910.132)

OSHA Guidance

Best Practices for Hospital-Based First Receivers of Victims From Mass Casualty Incidents Involving the Release of Hazardous Substances.



Hazardous substances and hazardous work environments, exposure to which results or may result in adverse effects on the health or safety of employees (e.g, chemical agents, biologic agents, equipment hazards)

Known

New and
emerging

Unidentified

Everyday

Disaster-
related

Hazards

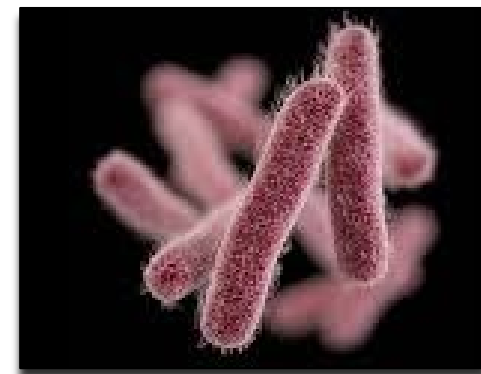
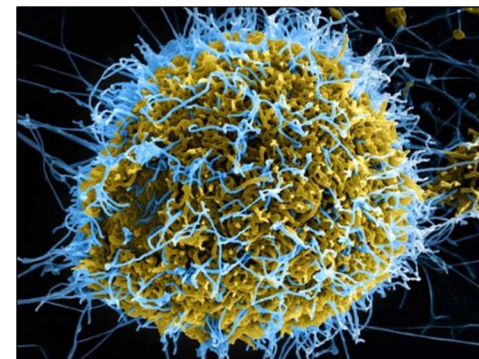
Safety and health training that leads to
worker protection against any and all
hazards

**Worker Training Program
All Hazards Approach**

WTP Role in Infectious Disease Response

Provided HazMat and occupational biological safety training to workers during:

- H5N1 outbreak
- Anthrax attacks (2001)
- H1N1 Avian Influenza outbreak (2009)
- Mold remediation from multiple hurricanes
- Ebola Virus Disease Preparedness (2013)
- Coronavirus (2020)



NIEHS WTP: Overview of Programs



Hazardous Materials Worker Health and Safety Training (U45)

- Hazardous Waste Worker Training Program
- Hazmat Disaster Preparedness Training Program
- Environmental Career Training Program



Department of Energy/NIEHS Nuclear Worker Training (UH4)



Ebola Biosafety & Infectious Disease Response Training (UH4) (2016-2019) Ended



Small Business Innovation Research (SBIR) E-Learning for HAZMAT and Emergency Response (R43/R44)

NIEHS Ebola Biosafety and Infectious Disease Response Worker Training Program (IDR WTP)

- Build federal capacity for biosecurity, biopreparedness, and rapid response to emerging infectious diseases.
- Develop an infrastructure of trainers and organizations who can be a resource during emergencies.



Wide Variety of Occupational Sectors Trained

IDR WTP, 2017-2019



Health Care Workers,
Faculty, and Students



Emergency First
Responders



Construction Trades and
Workforce Development



Death Care



Military



Disaster Preparedness,
Response, and Recovery



Airline and Airport
Workers



Public Health
Workers



Environmental Service Workers,
Sanitation Workers, and
Domestic Cleaners



Occupational Health and
Safety Professionals



Nail Salon
Technicians

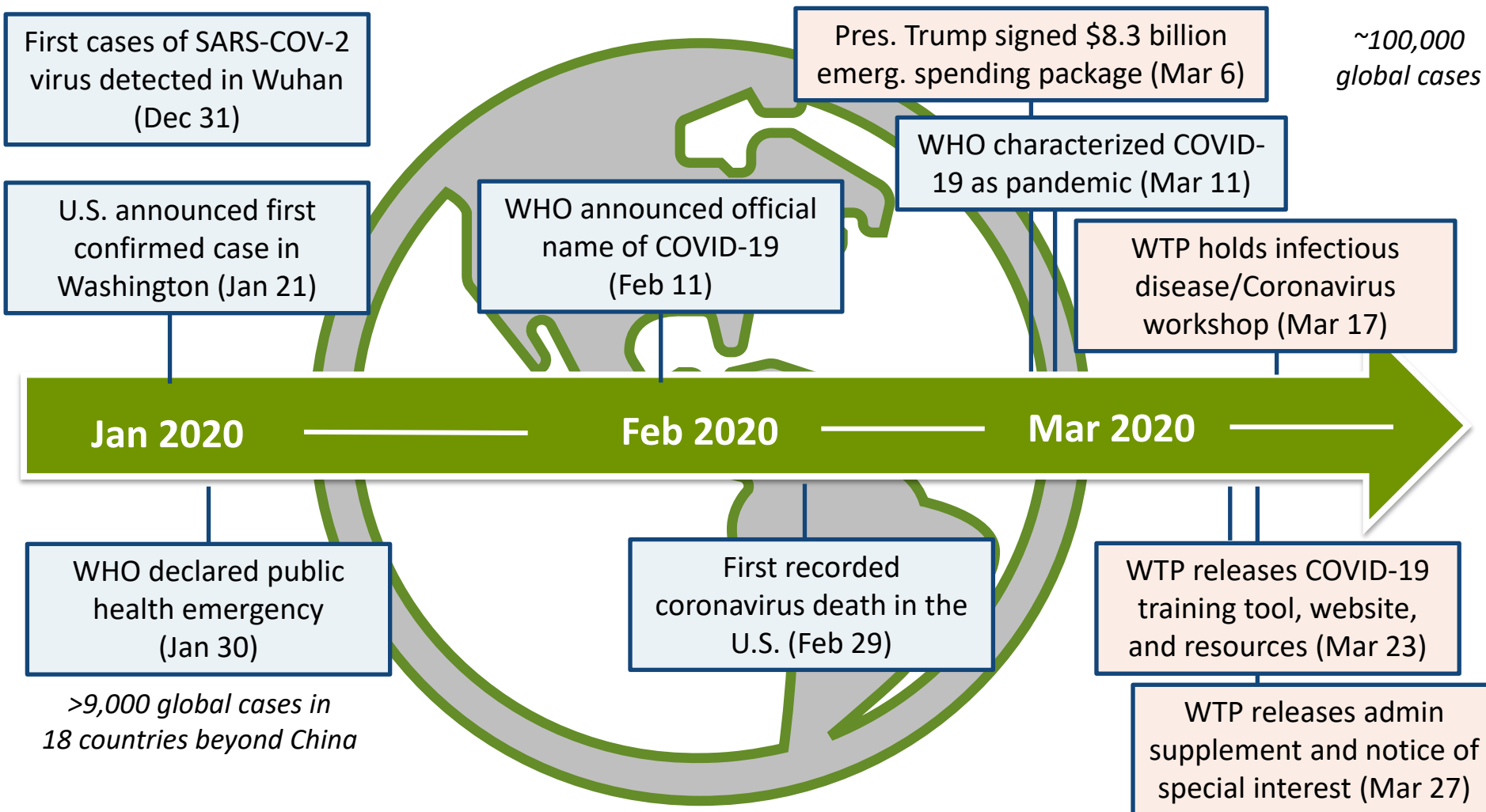


Homeless Outreach and Substance
Abuse Prevention Workers

So then... Coronavirus



Timeline of Events: WTP Activation for COVID-19 Training



NIH/NIEHS WTP COVID-19 Virtual Safety Training Initiative

WTP received \$10 million from the Coronavirus Preparedness and Response Supplemental Appropriations Act, 2020

Goal: To increase health and safety awareness for responders and workers who face potential exposure to COVID-19

Training Initiative Objectives:

Identify key evidence-based methods to prevent and respond to COVID-19 in workplaces providing essential services

Create a virtual training platform for frontline healthcare, responders, law enforcement, environmental and critical service workers

Build a cadre of virtual safety trainers/ advisors to deliver remote training via advanced training technology to frontline workers

WTP COVID-19 Webinar Participation (Mar. 20 – May 15)

Monday Grantee Updates	Wednesday Technical Topics	Friday Week-in Review
422 attendees	1,102 attendees	968 attendees
<p>Grantees share updates about training:</p> <ul style="list-style-type: none">• Progress• Gaps and challenges• Outcomes (# trained, populations reached, etc.)	<p>Topics to date included:</p> <ul style="list-style-type: none">• Training for frontline• Evaluation• Best practices in protecting healthcare workers• Respirator use in healthcare	<p>Topics to date included:</p> <ul style="list-style-type: none">• How to move forward• Updates on vaccine testing• COVID-19 and mental health• Updates from National COSH

Note: This excludes numbers from the Wed. TTT webinar sessions (shown on an earlier slide)



COVID-19 Virtual Safety Training Platform

WTP and VIVID Learning Systems



- Developed COVID-19 general awareness training tool into an asynchronous, e-learning package
- Grantees are:
 - Using the tool as is, or
 - Incorporating it into their own learning management systems
- Categories of workers trained: Management, construction, first responder, healthcare, military, science, and others

2,600 sign-ups

1,200 completions

90% indicate training is useful

Training data as of 5/15/2020

Top Line Challenges for WTP Grantee Training

- **Uncertainties** with novel pathogen, with **misinformation** circulating
- **Reliance on PPE** as primary form of prevention (not engineering and administrative controls), yet scarcity of PPE
- **Building capacity of trainers** to pivot from in-person to virtual trainings and work through technology issues
- Safely carrying on/returning to physically distanced, **face-to-face training**
- **Reaching essential & returning workers and vulnerable populations**, especially with limited time to deliver training



NIEHS WTP Coronavirus and Infectious Disease Response Training (NOT-ES-20-017)

- 14 applications being funded (\$1.8 million total)
 - 8 U45 (Superfund Hazardous Waste)
 - 1 UH4 (DOE)
 - 6 R43/R44 (SBIR E-Learning)
- Applicants plan to deliver COVID-19 training and technology development, e.g.:
 - Development of curricula tailored to their worker population, some adapting NIEHS training tools
 - Beginning or increasing their organizational capacity to deliver on-line/blended/technology-enhanced training for COVID-19 and their ongoing hazardous materials training
 - Innovative use of technologies to include skills development on virtual platforms, mobile-friendly training modules, virtual simulations, and virtual reality
 - Creating methods for safe in-person training using physical distancing and infection control procedures as people return to work

Grantee Target Populations for COVID-19 Training



**Responders,
Public Safety**



**Service
Providers**



Community



**Healthcare
Providers**



**Government
Employees**



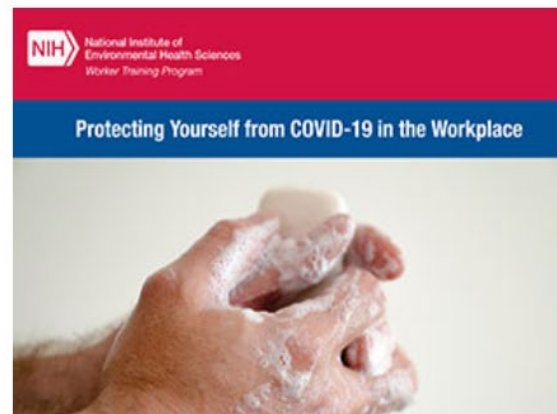
Other

COVID-19 Website and Toolbox

Website features
COVID-19 training tool and
several resources

The NIEHS Worker Training Program (WTP) has been tracking information about the coronavirus disease 2019 (COVID-19) as it pertains to protecting workers involved in emergency response and cleanup activities performed in the United States. This page contains health and safety resources for workers who may be at risk of exposure to COVID-19.

Training Resources

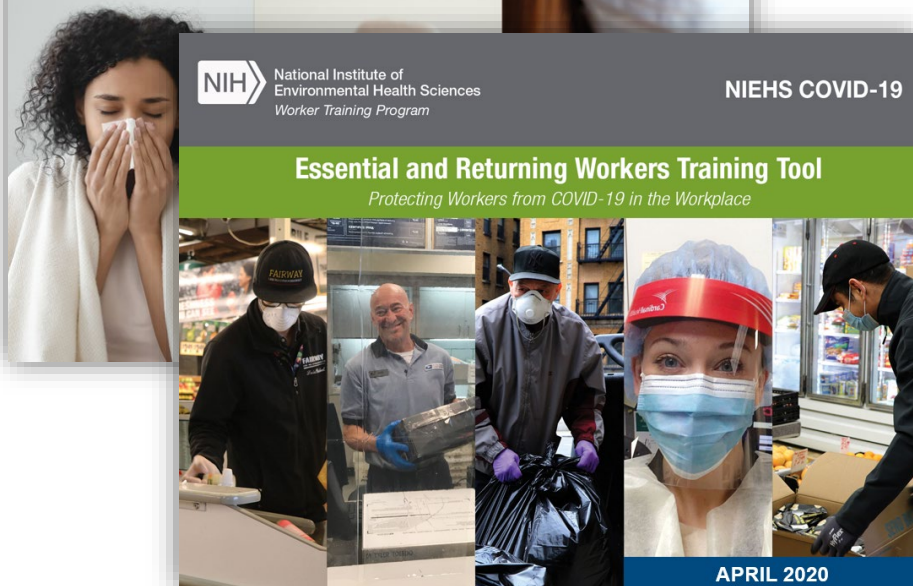


COVID-19 Toolbox

- [Can SARS-CoV-2, the Virus that Causes COVID-19 Disease, Be Spread by B](#) (150KB) **NEW**
- [COVID-19 Resource List](#) (264KB)
- [Evaluation Tip Sheet and Resources](#) (222KB)
- [Preventing SARS-CoV-2 Eye Exposures and Infection](#) (299KB) **NEW**
- [Protecting Yourself from COVID-19 in the Workplace Fact Sheet](#) (380KB)
- [Technology Tips for Virtual Meetings and Interactive Online Sessions](#) (171KB)
- [Workplace Checklist for Prevention of Exposure to SARS-CoV-2 Virus in Non-Healthcare Industries](#) (923KB)

Toolbox features a Resource
List, Fact Sheet, Workplace
Checklist for
Non-Healthcare Industries,
and more!

WTP and COVID-19



Available as **PDF, PPT, and Booklet** in
English and Spanish

COVID-19 Exposure Control Plan

	YES	In Progress	NO	N/A
1. Has the employer deployed a safety and health committee or other forum for frontline workers and other key stakeholders to participate in the development of the COVID-19 exposure control plans?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Has the employer developed a written COVID-19 Exposure Control Plan?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Has the employer conducted a Job Hazard/Safety Analysis for each position?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Has the employer put the most effective method(s) for minimizing exposure to SARS CoV-2 in place?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Are employees encouraged to speak up, without fear of retaliation, if they have safety and health concerns or if they observe violations of employer policies and procedures?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Is there a formal process for employees to file complaints and offer suggestions?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Has the employer provided communications and training on the following:				
a. Self-reporting expectations?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Safety and health protocols and control measures?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Information on the virus and how it is transmitted in advance of work?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. Other? _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

NOTES

Workplace Checklist for Non-Healthcare Industries

Preventing SARS-CoV-2 Eye Exposures and Infection

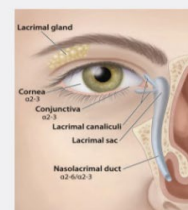
Eye protection is essential to protecting workers from exposure to SARS CoV-2. The virus is transmitted from an infected person's respiratory system (when they cough, sneeze or talk) to another person's nose, mouth, or eyes (mucus membranes). While there has been a great deal of focus on mask and respirator use to protect a worker from inhalation of the virus, the importance of preventing exposures to the eyes is often overlooked.

How It Is All Connected

Technically, mucus membrane exposures are classified by infection prevention and control and occupational health agencies (CDC, NIOSH, OSHA) to include exposures to the eyes, nose, and mouth. When people have illnesses, like a cold or the flu, they tend to think more about symptoms like a runny or stuffed up nose, sneezing, and coughing, and less about symptoms related to the eyes.

It may seem more obvious that respiratory bugs enter through our nose and mouth, then our respiratory tracts into the lungs. However, the mucus membranes in the head and neck are all connected.

Think about what happens when people cry. The tears flow and suddenly mucus is pouring out of their noses. Because tissues in the tear duct and nasal cavity are connected, tears can drain into



Prevention of Eye Exposures and Infection



NIEHS COVID-19 Workplace Checklist

COVID-19 Exposure Control Plan

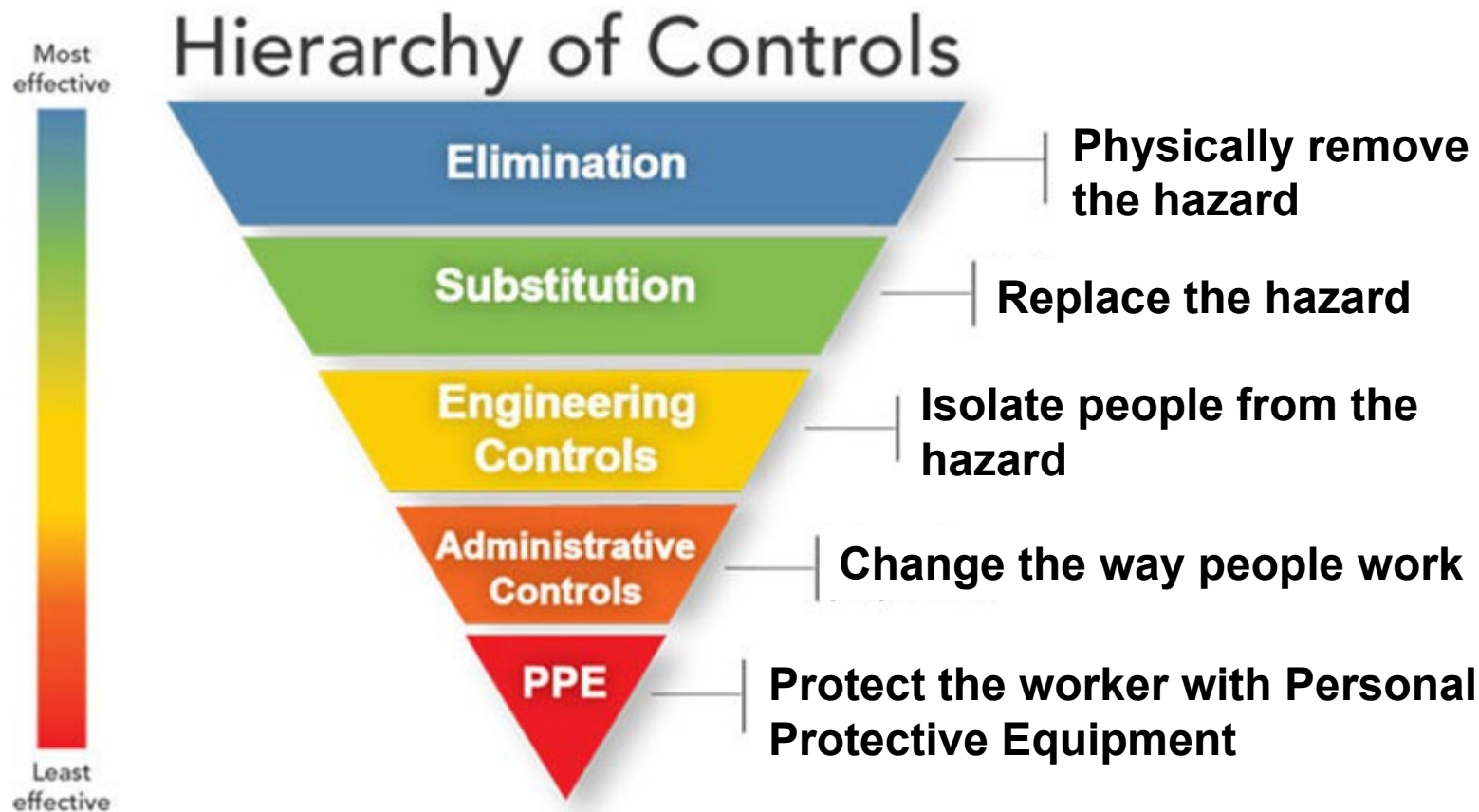
	YES	In Progress	NO	N/A
1. Has the employer deployed a safety and health committee or other forum for frontline workers and other key stakeholders to participate in the development of the COVID-19 exposure control plans?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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c. Information on the virus and how it is transmitted in advance of work?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Engineering Controls

	YES	In Progress	NO	N/A
1. Has the employer adjusted the heating ventilation and air conditioning (HVAC) system so that it maximizes ventilation (dilution of air)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Has the employer maximized the use of technology to minimize face to face interactions?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Have select doors been bypassed to decrease touching of push bars and handles, consistent with security and fire safety requirements (e.g., automatic doors or separate entrance and exit)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Has the employer considered eliminating use of time clocks and other devices that cause a gathering of where it is difficult to	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Protecting workers

Start with the most effective method to protect workers.



COVID-19 Training Mobile App

WTP and CPWR

NIH National Institute of Environmental Health Sciences
Worker Training Program

NIEHS COVID-19 Response Training Tool

Protecting Yourself from COVID-19 in the Workplace
Safety and Health Awareness for Responders to the Coronavirus



2019-nCoV
☐ Negative ☐ Positive


NIH National Institute of Environmental Health Sciences
Worker Training Program

NIEHS COVID-19 Response Training Tool

Protecting Yourself from COVID-19 in the Workplace // *Safety and Health Awareness for Responders to the Coronavirus*

Five steps to proper handwashing

- **Wet** your hands with clean, running water (warm or cold), turn off the tap, and apply soap.
- **Lather** your hands by rubbing them together with the soap. Lather the backs of your hands, between your fingers, and under your nails.
- **Scrub** your hands for at least 20 seconds. Need a timer? Hum the "Happy Birthday" song from beginning to end twice.
- **Rinse** your hands well under clean, running water.



**COVID-19 training tool
(PowerPoint)**



Learn about safety and health related to disaster response and cleanup activities

Discover resources to protect yourself while responding to disasters

Home

Offline ready

Downloaded

Oil Spill Cleanup I
NIEHS Oil Spill Cleanup Initiative
Disaster Preparedness

Wildfire Response
NIEHS Wildfire Response Training...
Disaster Preparedness

Hurricane Response
NIEHS Hurricane Response Training...
Disaster Preparedness

Featured

Chemical Incident
NIEHS Chemical Incidents Response...
Disaster Preparedness

Awareness for Radiological Dispersal
NIEHS Awareness for Radiological Disper...
Disaster Preparedness

Most Popular

Introduction to Oil Spill Cleanup

National Contingency Plan

Unified Command

Health and Safety Plans



OSHA's Hazardous Waste Operations and Emergency Response Standard

HAZWOPER Requirement that Apply to Marine Oil Spills

**COVID-19 training tool
(mobile application)**

SBIR Grantee: Cell Podium

- Just-In-Time Essential Worker COVID-19 Mobile Awareness Campaign
 - Brief (<3 minute) multimedia modules pushed via text messages & email
 - Completed: 10 Mobile Modules derived from NIEHS Essential Worker Training Tool and Mobile version of Back to Work Checklist

  **Cell Podium**

Measures to Maintain Social Distancing

1. Has the employer placed signage at each entrance of the facility to inform all employees, customers, and visitors of the that they shall not enter the facility if they have a cough or fever?

☐ Yes

☒ No

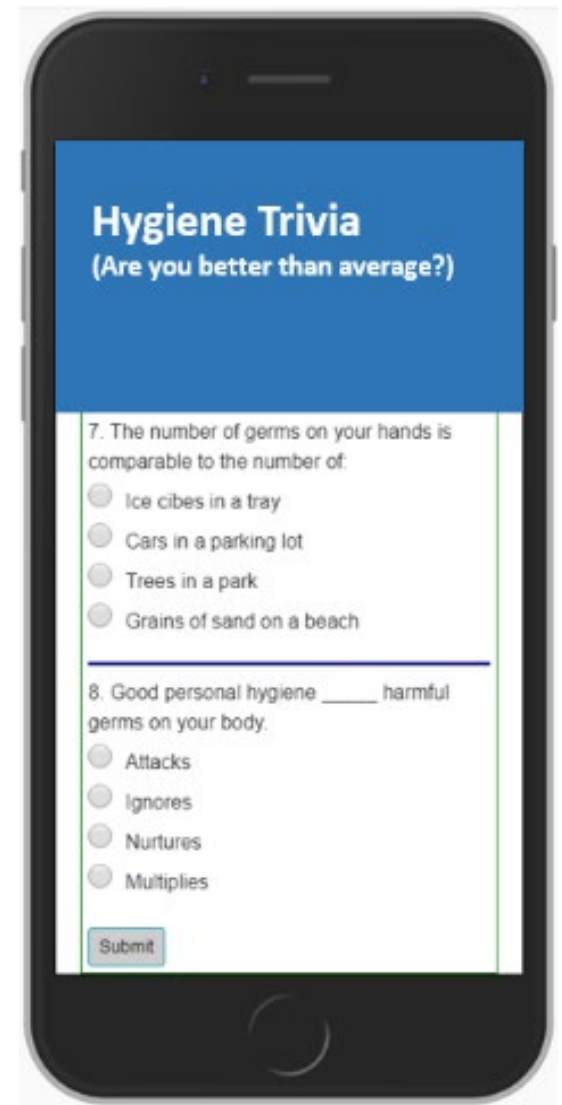
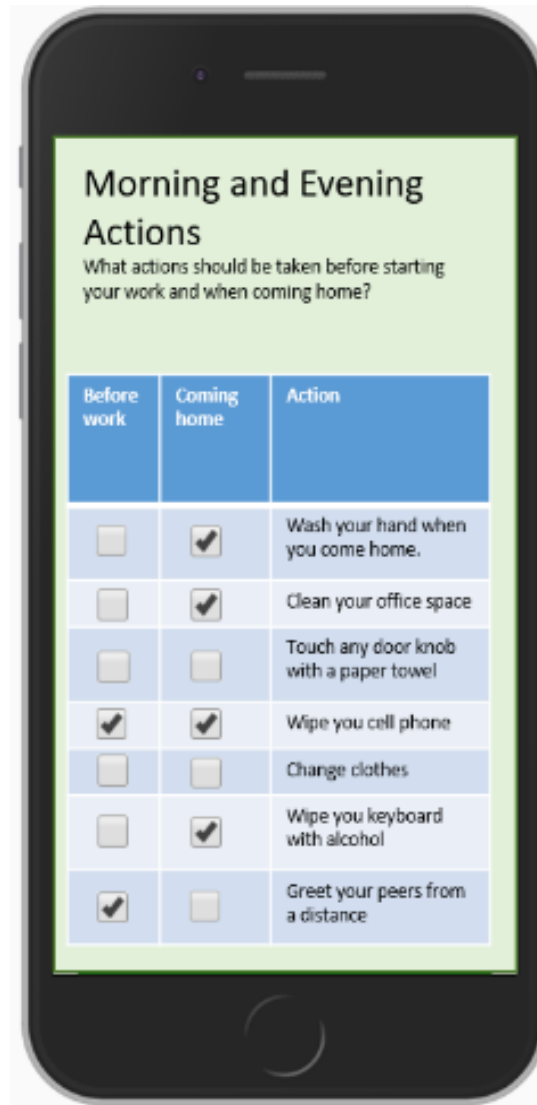
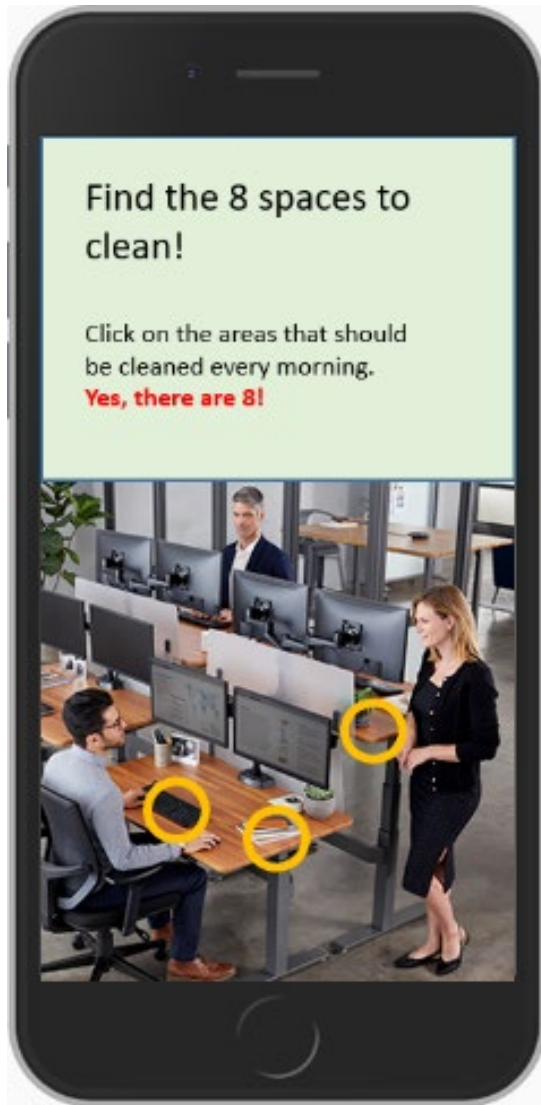
☐ N/A

2. Has the employer placed signage at each entrance of the facility to inform all employees, customers, and visitors of the that they shall maintain a minimum six-foot distance from one another?

☐ Yes

☒ No

☐ N/A

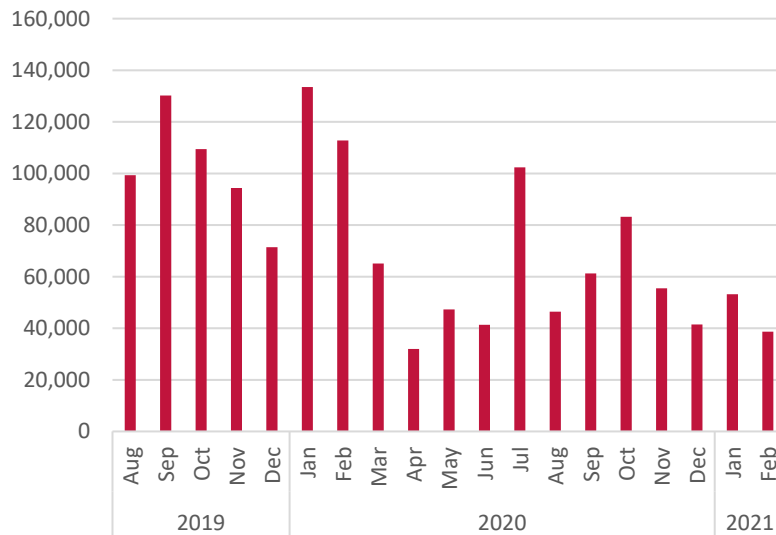


Contact hours were more affected by COVID-19 than workers trained

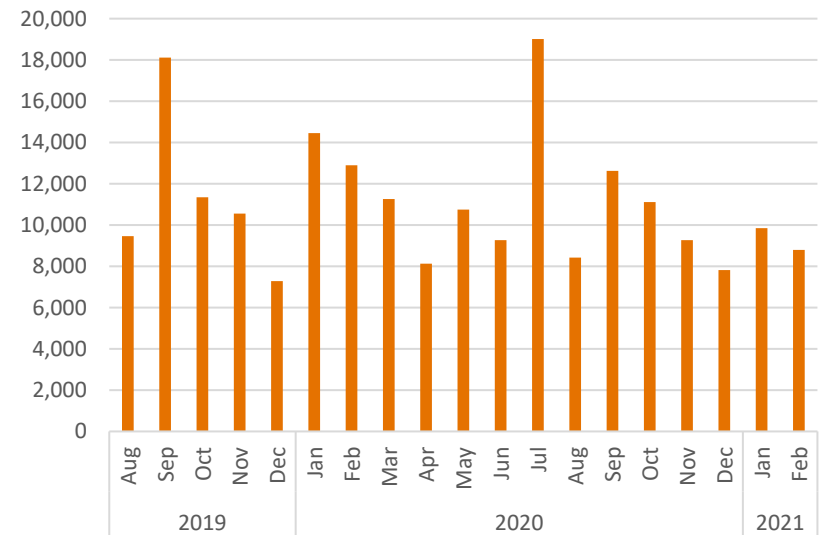
WTP HWWT and HDPT Training Data by Month (Aug 2019 – February 2021)

DRAFT – Interim 2021 data retrieved April 12, 2021

Contact Hours



Workers Trained

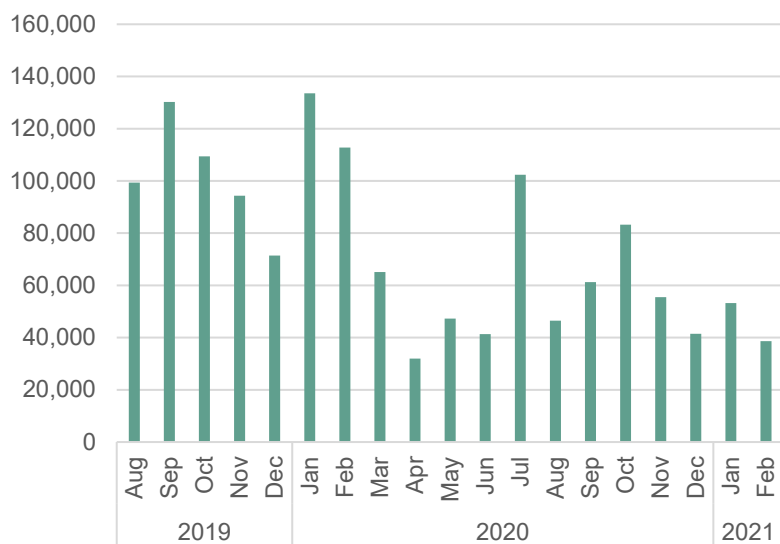


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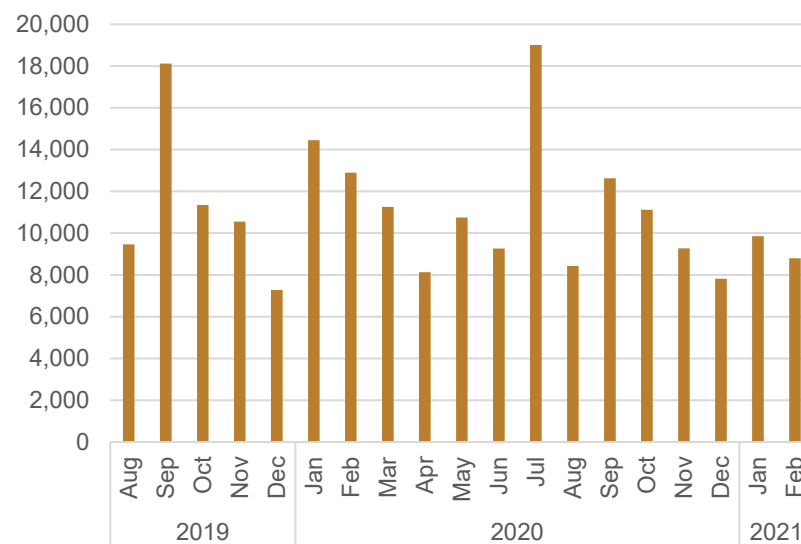
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Workers Trained



NIH National Institute of
Environmental Health Sciences
Worker Training Program

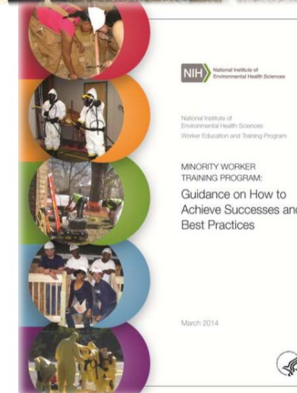


- As of April 2021, NIEHS has 8 COVID-19 Recovery Centers
 - [Prevention, Preparedness, and Response Consortium](#)
 - [Western Region Universities Consortium](#)
 - [New Jersey/New York Hazardous Materials Worker Training Center](#)
 - [Sustainable Workplace Alliance](#)
 - [The New England Consortium-Civil Service Employees](#)
 - [International Chemical Workers Union Council Center for Worker Health and Safety Education](#)
 - [Historically Black Colleges and Universities Consortium](#)
 - [Steelworkers Charitable Educational Organization /Tony Mazzocchi Center](#)
- The Centers will assess COVID-19 health risks, train essential workers, and coordinate resources needed to reduce disease transmission and promote recovery in disadvantaged and underserved communities.
- Produces high-quality curricula using appropriate language, cultural, and literacy considerations.

[Environmental Factor - May 2021: COVID-19 resilience and recovery for workers, communities \(nih.gov\) - https://factor.niehs.nih.gov/2021/5/community-impact/workers/index.htm](https://factor.niehs.nih.gov/2021/5/community-impact/workers/index.htm)

WTP Creates New Job Opportunities and Celebrates 25 Years of the Environmental Career Worker Training Program (ECWTP)

- **Success:** Since beginning of program, appx 13,000 workers have been trained with an average 70% employment rate.
- **Locations:** Over 30 communities trained with 200 different Community Based Organizations (CBOs)
- **Current Programs:** Six grantees working with 25 different CBO's
 - **2019:** 644 individuals trained with 497 obtaining jobs for a 77% job placement rate and offering 303 courses across all programs
 - **2018:** 569 trained, 423 Employed for a 74% job placement rate
 - **Takeaways:** **Changing Lives & Building Careers for a Lifetime**
 - **Training Best Practices** - Extensive life skills, mentoring, numerous technical training and certificates and career options for graduates



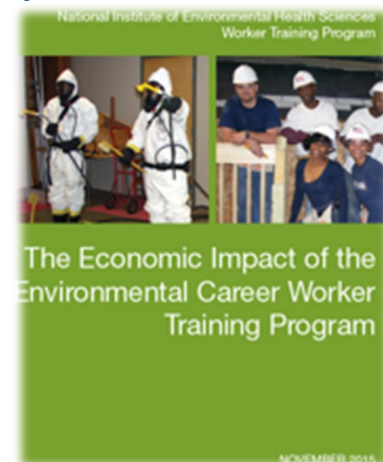
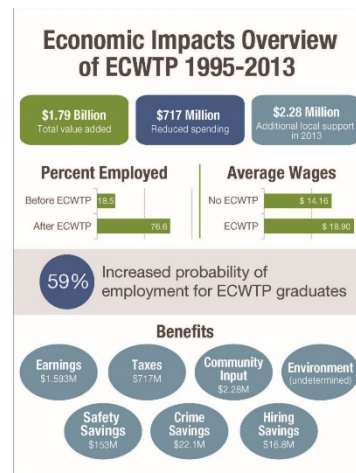
WTP Creates New Job Opportunities and Celebrates 25 Years of the Environmental Career Worker Training Program (ECWTP)

• How Did We Get Here:

- Strong Leadership and Commitment of Staff
- Excellent System of Tracking Students
- Creative and Sustainable Partnerships
- Sharing of Best Practices

• Economic Impact Analysis: \$100 million return on \$3.5 million investment.

- Increases probability of employment by approximately 59%.
- \$1.6M in higher earnings for its graduates, (from increased likelihood of employment, more hours worked, and higher wages.



- Center for Construction Research and Training
 - New Orleans, LA; St. Paul, MN; East Palo Alto, CA, Flint MI and **Roxbury, MA.**
- OAI, Inc
 - Chicago, IL; Dallas, TX; Kansas City KS/MO and **Indianapolis, IN.**
- University of California, Los Angeles
 - Los Angeles, CA; **Native American tribes in Alaska** and Portland, OR



- Rutgers School of Public Health-NJ/NY Consortium
 - Newark, NJ and New York City, NY **(add Make the Road NY)**
- Deep South Center for Environmental Justice
 - New Orleans, LA; Pensacola, FL; Houston, TX; and Detroit, MI.
- **Sustainable Workplace Alliance (SWA)**
 - **Multiple Sites in Florida and San Juan, Puerto Rico**



ECWTP Training Accomplishments

Note: The COVID-19 pandemic was declared on March 11, 2020. Training (and placement for ECWTP) numbers were impacted as a result of the pandemic.

NIEHS ECWTP (formerly MWTP)

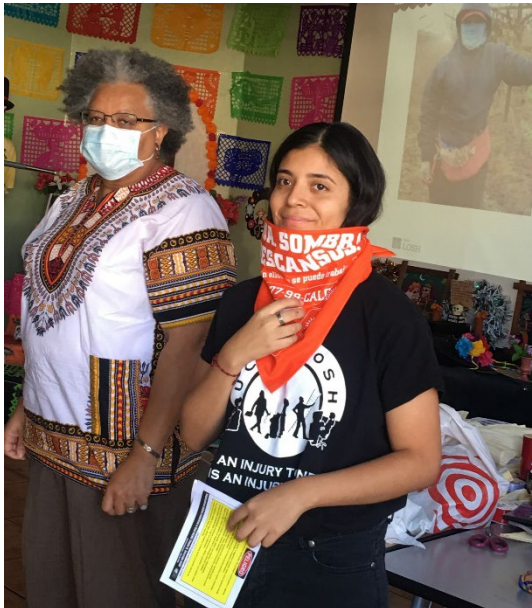
25-year Training Summary for the Budget Period
Aug. 1, 1995 – July 31, 2020*

Year	Students Trained	Placed in Jobs	Percentage of Students Placed in Jobs
1996-2008	7,566	5,115	68%
2009	379	285	75%
2010	531	372	70%
2011	396	291	73%
2012	366	274	75%
2013	367	279	76%
2014	348	269	77%
2015	397	323	81%
2016	440	334	76%
2017	562	392	70%
2018	569	423	74%
2019	644	497	77%
2020	455	270	59%
Total	13,020	9,124	70%

* The 1996-2008 numbers include numbers from the NIEHS/EPA Brownfields Minority Worker Training Program

2019 California Wildfire Training for Workers

Bilingual Wildfire Training: October 23, 2019 Pasadena Job Center



WHEN ARE EMPLOYERS REQUIRED TO ACT?

The emergency standard is triggered when the AQI (air quality index) for PM_{2.5} at the worksite exceeds 150. An AQI above 150 indicates that the air is "unhealthy" to breathe. Employers must monitor air quality using publicly accessible forecasts of AQI for PM_{2.5} or by directly measuring PM_{2.5} levels at the worksite.

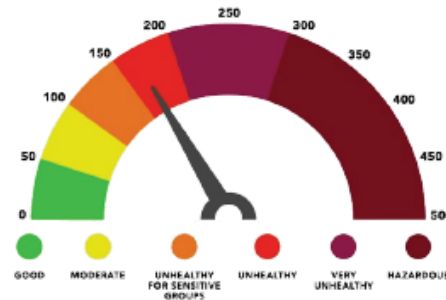


Photo: Cowaymega

WHO DOES THE EMERGENCY STANDARD APPLY TO?

The emergency standard applies to both outdoor and indoor workers who may be exposed to wildfire smoke for more than one hour per day, even if they are not directly impacted by fires.

This may include:

- Construction Workers
- Agricultural Workers
- Utility Workers
- Landscapers and Gardeners
- Day Laborers and Domestic Workers

WHAT PROTECTIONS DOES THE EMERGENCY STANDARD PROVIDE?

When the AQI for PM_{2.5} exceeds 150, employers are required to:

- Communicate with workers about current AQI PM_{2.5} at the worksite and the potential symptoms of wildfire smoke exposure
- Provide training on the health effects of wildfire smoke, protections available to them, and procedures for obtaining medical treatment
- Reduce workers' exposure to wildfire smoke by providing enclosed building or vehicles with filtered air, relocating work where the AQI or PM_{2.5} is lower than 151, changing work schedules, lessening work intensity, and/or accommodating longer rest breaks
- Provide respirators (NIOSH-approved N95 filtering face piece respirators) and encourage their voluntary use
- As currently written, the emergency standard requires respirator use along with mandatory fit testing for workers if the AQI for PM_{2.5} exceeds 500

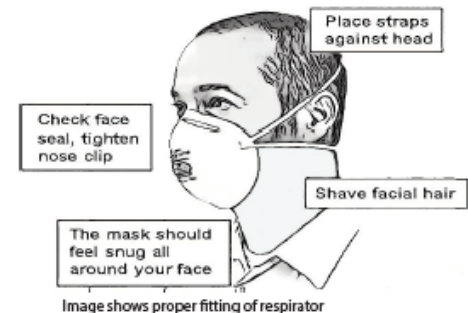
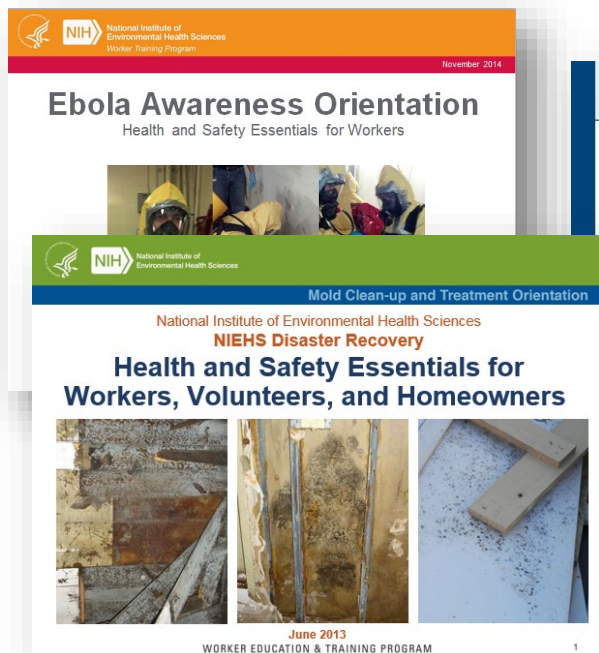



Photo: Cal/OSHA

WTP Training Resources





National Institute of Environmental Health Sciences
Worker Training Program

Providing Worker Health and Safety Training to Prepare for and Respond to Disasters


The National Institute of Environmental Health Sciences (NIEHS) Worker Training Program (WTP) has responded to numerous disasters in its 30-year history. It provides support for health and safety training of workers engaged in hazardous waste removal, containment, transportation, or emergency response on an ongoing basis. And it has played key roles in the recovery efforts following such major disasters as Hurricanes Sandy and Katrina.

Perhaps in no other disaster has the need to ensure recovery workers can safely deal with harmful substances been greater than in the aftermath of Hurricanes Harvey and Irma. From cleaning up chemical plants and oil refineries to thousands of homes and commercial buildings, the health risks are substantial.

The program's network of grantees provide just-in-time awareness-level training targeted to specific types of cleanup efforts and populations. Through Train-the-Trainer courses they build local capacity to provide training to workers and communities. WTP's National Clearinghouse for Worker Safety and Health Training maintains numerous training materials for disasters that can be used immediately.

Specifically, the training technical assistance WTP can provide includes:

- Site-specific health and safety training to worker and community audiences, including instruction related to particular hazards, such as mold, lead, asbestos, and general hurricane and flood hazards
- Instructional staff, curriculum-development experts, and subject-matter experts
- Safety training targeted to the unique needs of specific populations of workers, reflecting cultural and language needs and tasks performed
- Training on the proper use of essential Personal Protective Equipment (PPE), or safety gear, including respirator-fitting testing
- Facilitation of training of vulnerable worker populations, such as day laborers and everyday citizens, through community organizations
- Curricula and instructor resources for workers and responders



Training Tools and Resources

WTP's National Clearinghouse has a wealth of training tools and pocket booklets that can be used in special courses or as guides by on-site frontline workers. Examples of topics covered include:

- Hurricanes
- Floods
- Chemical incidents
- Oil spills
- Mold cleanup
- Debris removal

A disaster preparedness mobile app puts a full suite of training courses at the fingertips of workers exposed to hazards. And the Clearinghouse *Hurricanes and Floods website* provides access to these resources.

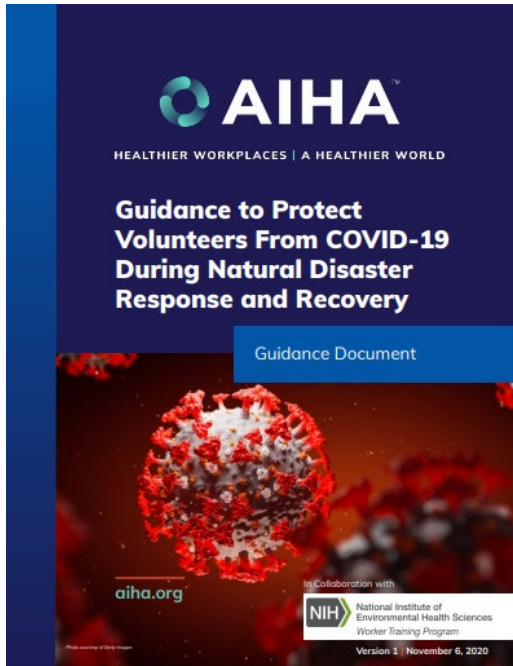
A Track Record of Responses

For three decades, WTP has played a critical role in responses following disasters. In the aftermath of Hurricane Sandy, for example, it prepared and trained cleanup workers, homeowners, and volunteers on the hazards they faced working in debris removal, gutting, mucking, and mold remediation. Special mold guidelines and training were developed then. Nearly 1,000 people were trained through WTP awardwinners in just the first six months of its post-Sandy work.

Following Hurricane Katrina, WTP was designated as the coordinating agency for OSHA's health and safety response plan and set up a field office in Baton Rouge. Its hurricane response training booklet was developed during this period.

For more information, contact the National Clearinghouse at 202-331-7733 or wetpclear@niehs.nih.gov.

NIEHS/American Industrial Hygiene Association Guidance to Protect Volunteers from COVID-19 During Natural Disaster Response & Recovery



- Designed to provide natural disaster response (unpaid) volunteers information about how to protect themselves from the SARS-CoV-2 virus that causes COVID-19.
- Share information about how volunteer organizations operate during a response
- Natural disasters include severe weather events like hurricanes, earthquakes, tornadoes, and floods, as well as wildfires and environmental spills.

https://aiha-assets.sfo2.digitaloceanspaces.com/AIHA/resources/Guidance-Documents/Guidance-to-Protect-Volunteers-From-COVID-19-During-Natural-Disaster-Response-and-Recovery_GuidanceDocument.pdf

What are the steps in assessing risk?

Risk assessment is an employer responsibility that should involve frontline workers, union reps, and supervisors.

1st Step: Do you have a process in place already?

- Safety and Health or Labor/Management Committee
- Task Force or Sub-Committee

2nd Step: What method will you employ?

- Inspection, job hazard analysis, brainstorming (who, what when, how), other

3rd Step: How will you document the assessment?

Look at new resources – OSHA National Emphasis Program and Training

- [OSHA launches program to protect high-risk workers from coronavirus, focuses on employers that retaliate against workers with safety concerns | Occupational Safety and Health Administration](#)

[Updated Interim Enforcement Response Plan for Coronavirus Disease 2019 \(COVID-19\) | Occupational Safety and Health Administration \(osha.gov\)](#)

Do you have a process that...

Has clear decision makers?

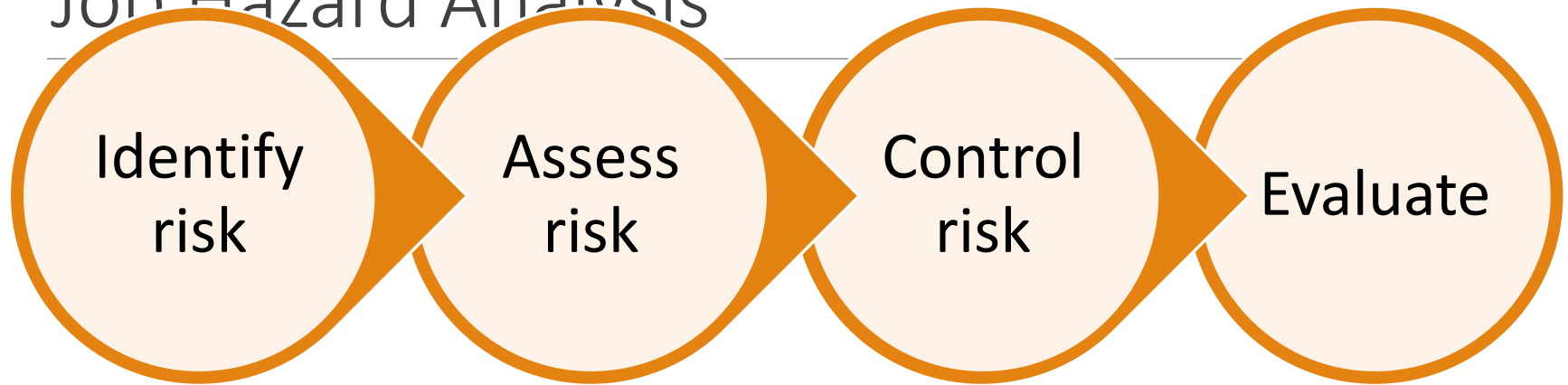
Includes all key stakeholders?

Includes front line workers?

Has clear lines of responsibility, accountability, and timelines?



Job Hazard Analysis



JOB



ANALYSIS

Thank you for listening!

What are your questions?

