



CPWR IMPACT

CPWR  THE CENTER FOR CONSTRUCTION
RESEARCH AND TRAINING

Who We Are

CPWR is the nation's leading nonprofit dedicated to improving safety and health for construction workers. For more than 30 years, we've developed free research-based resources, delivered training, and provided health screenings, always in collaboration with industry partners.

Research Leadership

Since the early 1990s, CPWR has served as NIOSH's National Construction Center, leading over 220 solution-oriented research projects and providing the most reliable data on employment, injuries, and illnesses.

Training Excellence

Through partnerships with NIEHS and OSHA, CPWR offers courses from the OSHA 10-Hour to advanced train-the-trainer programs, bridging the gap between research and real-world job sites.

Health Screening Innovation

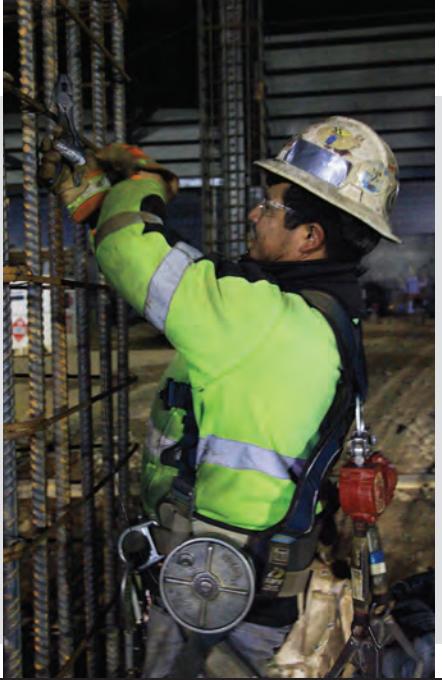
Our DOE-funded Building Trades National Medical Screening Program (BTMed) has screened 25,000 former DOE construction workers and helped thousands identify occupational illnesses and access care.

Industry Impact

CPWR brings together people from across the country—including OSHA, NIOSH, DOE, contractors, and unions—to advance safety and health in the construction industry. By prioritizing safety, health, and well-being, we help keep workers on the job and keep companies productive and delivering high-quality work. We respond to persistent and emerging hazards, strengthen safety climate, promote leadership, and target hard-to-reach populations.

Our Mission

To eliminate hazards in construction by producing, applying, and widely sharing research that strengthens safety and health on every jobsite. We provide resources for the public, deliver training and technical support, and study how working conditions, work organization, technology, and policy shape the well-being of construction workers.



Our Vision

A construction industry where every worker goes home safe and healthy each day and transitions into retirement with the health and freedom to enjoy the life they've earned, free from job-related injuries and diseases.

Our Commitment

Delivering trusted tools, training, and occupational health screenings.



Why Our Work Matters

The Industry

12 Million Workers

Construction drives U.S. growth and employs millions.

\$2 Trillion Impact

A cornerstone of the American economy.

High-Risk

One of the most hazardous sectors for workers.



The Dangers for Workers

20% of Fatal Injuries

Even though construction represents only 7% of U.S. employment.

145,000 Reported Injuries

Likely only half of the true number due to widespread underreporting.

Long-Term Harm

Job hazards cause chronic disabilities and shortened lifespans.

Our Response

Industry Awareness

Providing industry-leading safety statistics and elevating awareness of risks.

Proven Interventions

Delivering practical solutions that reduce diseases, injuries, and fatalities.

National Leadership

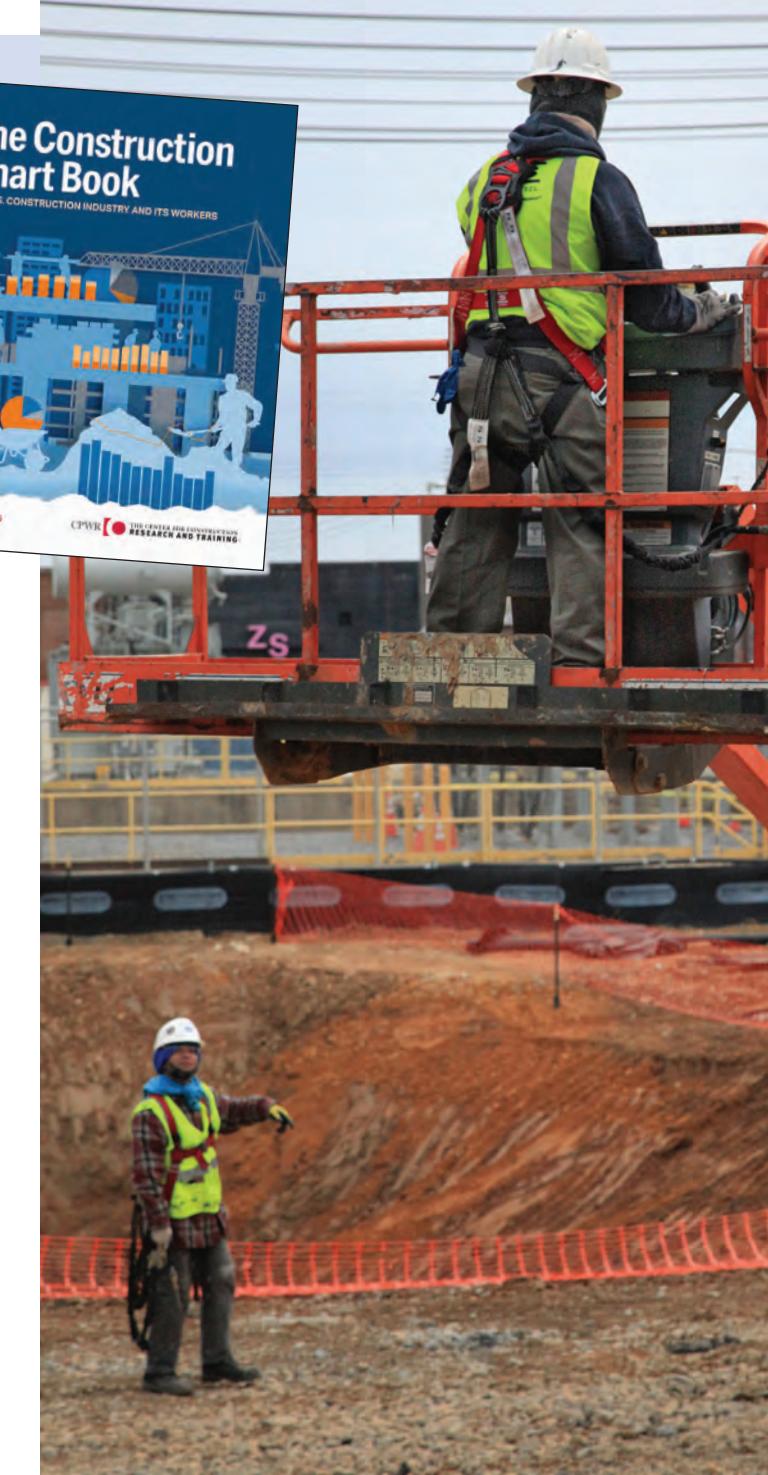
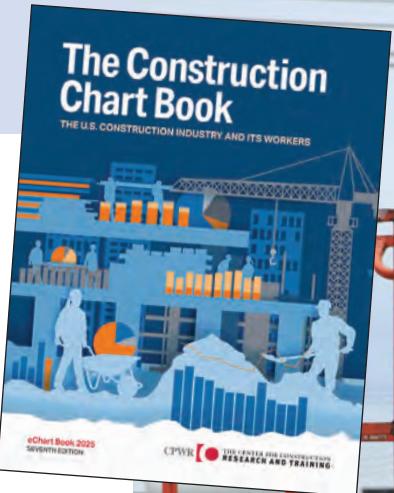
Leading NIOSH's National Construction Center for eight consecutive 5-year cycles.

Occupational Health Surveillance

Managing the world's largest construction worker cohort with long-term medical follow-up.

Extensive Training Network

Delivering thousands of OSHA and specialty safety courses nationwide through skilled trainers.



"We trust CPWR to provide knowledge we use to create safer practices across our company."

— Kenneth J. Rueter, President and Chief Executive Officer, United Cleanup Oak Ridge LLC (UCOR)

How We Work

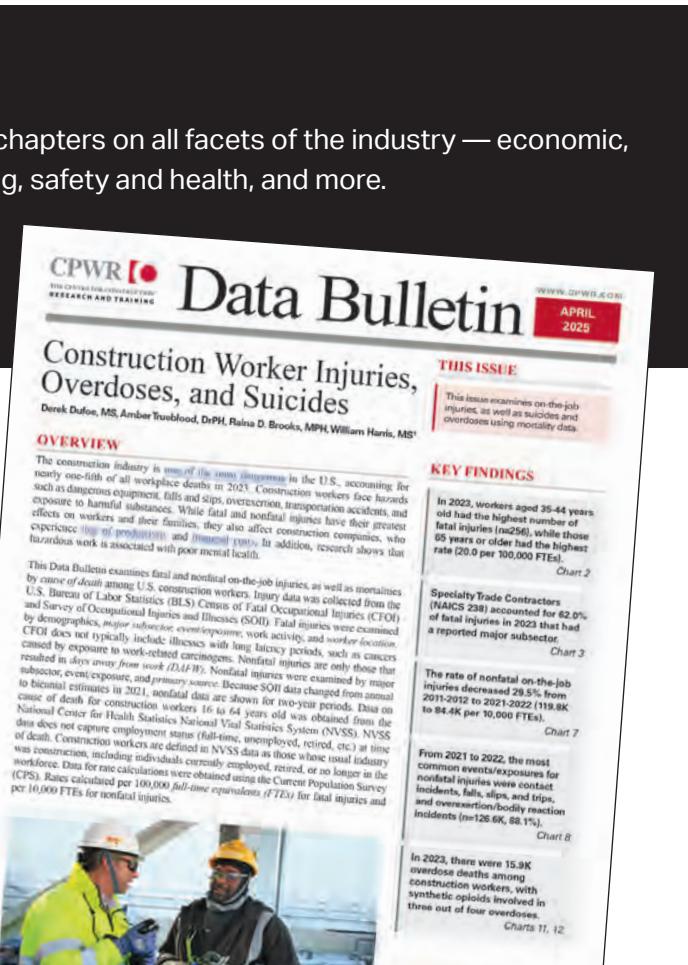
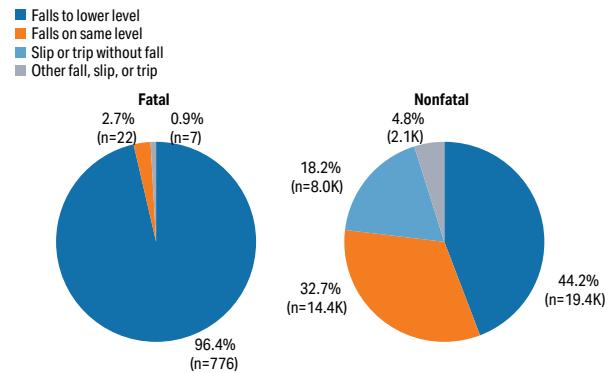
Monitor

CPWR has an unparalleled ability to track and understand trends in construction safety and health. To target our work, we compile and analyze data on injuries, illnesses, fatalities, diseases, and working conditions.

CPWR Data Center

- The Construction Chart Book features more than 50 chapters on all facets of the industry — economic, demographic, employment/income, education/training, safety and health, and more.
- Data Bulletins focused on key topics.
- Data Dashboards: interactive and dynamic.

Falls, slips, and trips, by injury type and major subsector (2021-2022)



Partnerships

CPWR captures industry safety and health needs by collaborating with hundreds of organizations:

- Employers and employer associations
- Federal and state agencies
- International safety and health groups
- Insurance firms
- Joint labor-management committees
- Labor organizations
- Owners



Hearing Loss
Linked to Early
Death and Dementia
BTMed Research Finding

BTMed Program

BTMed's 25,000 participants make up the world's largest cohort of construction workers receiving long-term medical follow-up. Results from their screenings drive our actions to improve the lives of all construction workers.



How We Work



Explore

CPWR leads the way in construction safety and health research through partnering with top universities.

Our research is effective because it:

- ▶ Responds to industry needs
- ▶ Takes place on construction sites
- ▶ Involves employers and workers
- ▶ Focuses on actionable solutions



Safety Climate —
Safety Management
Information System



Delving Deep into Research Topics

We prioritize research on safety hazards, health hazards, MSDs and pain, suicide and overdose prevention, organization of work, and policy impacts. We support multi-year projects—nearly 80 over the past three decades—as well as shorter-term Small Studies—more than 140 so far—that demonstrate the viability of new technologies or test an innovative approach.

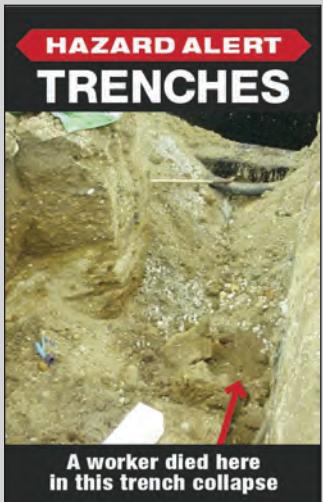


CPWR research creates
knowledge that changes
the construction industry.

How We Work

Change

CPWR drives change in the construction industry. We deliver knowledge to people who use it to take action to improve safety and health on the job.



Proven Free Resources

- ▶ Research-based safety and health materials created with the industry for the industry.
- ▶ Planning tools like checklists and templates that help contractors control hazards such as electrical work, falls, heat, and silica.
- ▶ Toolbox Talks, Hazard Alert Cards, info-graphics, and other highly visual materials to use on jobsites and in training.
- ▶ Resources in English and Spanish.



Intensive Outreach



Webinars

A dozen webinars per year, attended by 4,000 people live, with up to 15,000 on-demand views of earlier sessions



Campaigns

Lead national efforts to Stop Construction Falls and Prevent Struck-by Incidents



Media coverage

80-100 stories per year



Websites

30,000 visitors per month



Email

27,000 newsletter subscribers



High-Quality Training

- ▶ Delivered through 1,600+ joint building trades apprenticeship and training centers, our training prepares new workers to recognize hazards on the jobsite and experienced workers for new tasks.
- ▶ Our training ranges from introductory OSHA courses to advanced safety and environmental hazards instruction.
- ▶ Our training tools offer comprehensive instruction on manual materials handling, mental health, noise, and safety culture.

Take Action!
Start Here:
CPWR.com

CPWR's Impact

We make construction sites safer and healthier

Construction work has become significantly safer since CPWR began in 1990:

- The fatality rate has declined over **30%**.
- The nonfatal injury rate has declined **80%**.

CPWR's evidence influences countless management practices, OSHA standards, and consensus standards to improve working conditions for American construction workers.

We set the agenda

- By convening and partnering with people across the industry, we lead responses to the key issues that cause worker injuries, illnesses, and death.
- We chair national construction safety committees.
- We partner with OSHA as an Alliance Ambassador.
- We lead joint labor-management construction industry groups to consensus on worker protections.

We are a trusted leader

- More than **1,000,000 people** have taken our Foundations for Safety Leadership course, which builds safety culture.
- **66,000 students** took OSHA 10/30 courses we offered in 2025.
- **15,000 students** trained in areas such as handling asbestos, confined space, disaster response, fall protection, and hazardous waste in 2025.
- Managers and workers requested more than **266,000 Hazard Alert Cards**—which describe common hazards and how to respond—in the last year.
- Over **100 organizations** invited CPWR to speak at their events this year.

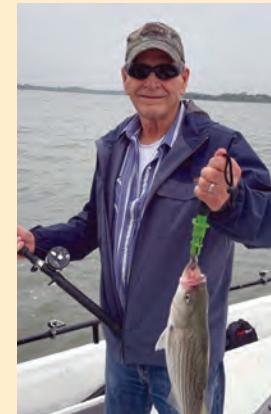


We reach across the industry

- Our network includes more than **52,000 employers** and **3 million** construction workers.

Our training programs prepare un- and underemployed workers for careers in construction and environmental remediation, apprentices to recognize safety and health hazards on the job, and experienced workers in advanced safety and health concepts and training methods.

"If not for the screening program, my problems probably wouldn't have been caught in time—and I probably wouldn't be here."



BTMed Saves Lives

- **25,000 workers**
- **50,000 screenings**
- **12,000 early lung cancer CT scans**
- **100% satisfaction rate**
- **4 out of 5 lung cancers** identified are early stage, when treatment is most effective and survival rates are highest.

BTMed has added an average of **1.5 years of life** per participant.

— Jack Nordling, Ironworkers Local 709, Former Savannah River Site Worker

Thank You

BOARD OF DIRECTORS

Sean McGarvey
Chairman of the Board and President
President, NABTU
Washington, DC

Brandon Bishop
Secretary-Treasurer
Secretary-Treasurer, NABTU
Washington, DC

Jonathan D. Newman
Vice President/General Counsel
Sherman Dunn, P.C.
Washington, DC

Chris Trahan Cain
Executive Director
CPWR-The Center for Construction
Research and Training
Silver Spring, MD

Rev. J. Cletus Kiley
Director of Immigration Policy
UNITE HERE
Washington, D.C.

Jeff Peoples
Chairman, President and CEO
Alabama Power Company
Birmingham, AL

Kenneth J. Rueter
President and CEO
United Cleanup Oak Ridge LLC (UCOR)
Oak Ridge, TN

CONTRACTOR ASSOCIATIONS

Associated General Contractors
The Association of Union Constructors
International Council of Employers of
Bricklayers and Allied Craftworkers
Mechanical Contractors Association
of America
National Electrical Contractors
Association
National Roofing Contractors
Association
North American Contractors
Association
Sheet Metal and Air Conditioning
Contractors' National Association

LABOR ORGANIZATIONS

NABTU and Affiliated Councils
International Association of Bridge,
Structural, Ornamental and Reinforcing
Iron Workers
International Association of Heat and
Frost Insulators and Allied Workers
International Association of Sheet
Metal, Air, Rail and Transportation
Workers
International Brotherhood of
Boilermakers, Iron Ship Builders,
Blacksmiths, Forgers and Helpers
International Brotherhood of Electrical
Workers
International Brotherhood of
Teamsters
International Union of Bricklayers
and Allied Craftworkers
International Union of Elevator
Constructors
International Union of Operating
Engineers

International Union of Painters
and Allied Trades
Laborers' International Union of
North America
Operative Plasterers' and Cement
Masons' International Association of
the United States and Canada
United Association of Journeymen
and Apprentices of the Plumbing
and Pipe Fitting Industry of the
United States and Canada
United Brotherhood of Carpenters
and Joiners of America
United Union of Roofers,
Waterproofers and Allied Workers

GOVERNMENT AGENCIES

U.S. Department of Energy
U.S. Department of Labor
National Institute for Occupational
Safety and Health, CDC
National Institute of Environmental
Health Sciences, NIH
State Departments of Health

PARTNERS

Clark University
Duke University
Lawrence Technical University
University of California, San Francisco
University of Colorado, Anschutz
Medical Campus
University of Maryland School of
Medicine
University of Massachusetts Lowell
University of Pittsburgh
University of Washington
Virginia Tech
Washington University in St. Louis
Zenith American Solutions

TECHNICAL ADVISORY BOARD

Erich (Pete) Stafford
Chair
Executive Director (retired)
CPWR-The Center for Construction
Research and Training

Henry A. Anderson, MD
Chief Medical Officer (retired)
Wisconsin Division of Public Health

Letitia Davis, ScD
Director (retired)
Occupational Health Surveillance
Program
Massachusetts Department of Public
Health

Denny Dobbin, MSc, CIH
Director (retired)
Worker Education and Training
Program

National Institute of Environmental
Health Sciences

Mark Fullen, EdD, CSP
Professor and Director
Safety and Health Extension
West Virginia University

Steven Hecker, MSPH
Emeritus Director
Occupational Health Extension Service
University of Washington

Scott Schneider, CIH, FAIHA
Co-Chair
Director, Occupational Safety and
Health (retired)
Laborers' Health and Safety Fund
of North America

Robert Herrick, MS, SD, CIH
Deputy Director (retired)
Education and Research Center
School of Public Health
Harvard University

Harry Shannon, PhD
Professor Emeritus
Dept. of Clinical Epidemiology
and Biostatistics
McMaster University

Rosemary K. Sokas, MD, MOH
Professor, Department of Human
Science
Georgetown University School
of Nursing and Health Studies
Professor, Department of Family
Medicine
Georgetown University School of
Medicine

INSTITUTIONAL REVIEW BOARD

Ruth Ruttenberg, PhD, MCP
Co-Chair
President, Ruth Ruttenberg & Associates
Adjunct Faculty, School of
Management and Labor Relations,
Rutgers University

Rick Rinehart, ScD
Deputy Director
CPWR – The Center for Construction
Research and Training

Spencer Schwegler
Master Trainer (retired)
CPWR-The Center for Construction
Research and Training

Thanks to our staff and advisors.

Photo Credits: Cover: Courtesy Miller and Long Co., Inc.. Page 2: Earl Dotter/SNC-Lavalin. Page 3: Earl Dotter/Turner Construction; Courtesy of Mike Dorsey/The International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmiths, Forgers and Helpers. Page 4: Courtesy of U.S. Department of Energy. Page 5: Earl Dotter/Turner Construction. Page 9: Sunbelt Rentals.

Kelly Dykes
Equipment Manager and Instructor
(retired)
CPWR-The Center for Construction
Research and Training

William Kojola, MA
Industrial Hygienist (retired)
AFL-CIO

George Newman
Master Trainer (retired)
CPWR-The Center for Construction
Research and Training

James Platner, PhD, CIH
Associate Director for Science and
Technology (retired)
CPWR-The Center for Construction
Research and Training

Patricia Quinn
Director, Energy Employees
Department and Small Study Program
Coordinator (retired)
CPWR-The Center for Construction
Research and Training

Rick Rinehart, ScD
Deputy Director
CPWR – The Center for Construction
Research and Training

Spencer Schwegler
Master Trainer (retired)
CPWR-The Center for Construction
Research and Training

CPWR Websites



stopconstructionfalls.com



scsmis.com

**Work Safely
with Silica**

silica-safe.org



bestbuiltplans.org



btmed.org



btcomp.org



esmartmark.org

8484 Georgia Ave., Suite 1000
Silver Spring, MD 20910
www.cpwr.com

BUG

© 2026, CPWR-The Center for Construction Research and Training. All rights reserved. CPWR is the research and training arm of NABTU and serves the construction industry and its workers.

Production of this publication was supported by NIOSH cooperative agreement OH012761, DOE cooperative agreement DE-FC01-06EH 06004, NIEHS cooperative agreements ES 009764 and ES 006185, and DOL contract 1605C3-21-C-0015. The contents are solely the responsibility of the authors and do not necessarily represent the official views of NIOSH, DOE, NIEHS or DOL.