

A Look at Employment Trends using NEW Interactive Construction Chart Book Dashboards

CPWR – The Center for Construction Research and Training
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Housekeeping

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- The recording and slides will also be posted on cpwr.com/webinars.
- Attendees are automatically muted! Please submit panelist questions via the Q&A box.
- Spanish audio is available via simultaneous interpretation

Simultaneous Interpretation

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2. Tap **Language Interpretation**.
3. Tap the language you want to hear.
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Notes:

- You cannot listen to language interpretation if you use the [dial-in](#) or [call me](#) phone audio features.

Presentation Objectives

Provide updated
construction industry
employment trends.

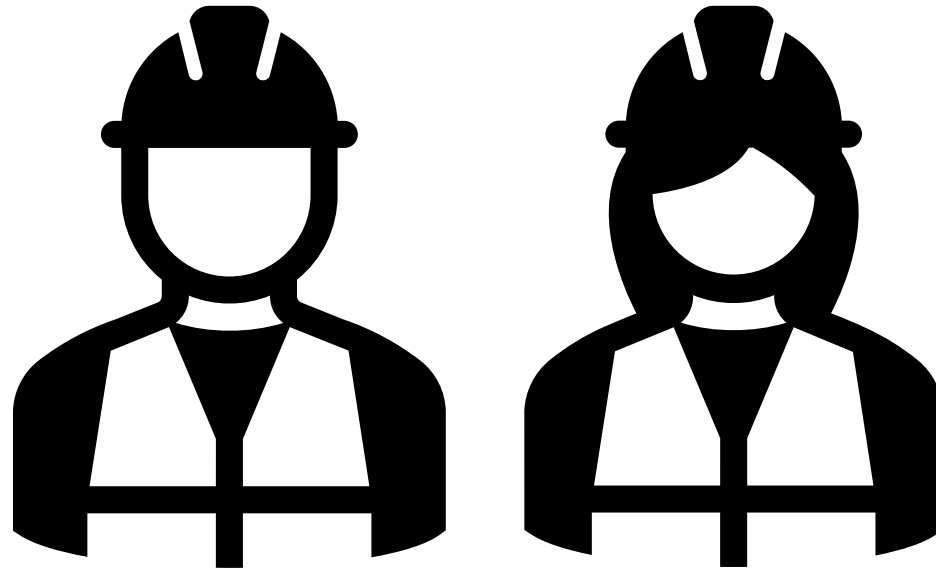
Showcase our new
Interactive
Dashboards with
Dynamic Key Findings



General Employment Trends

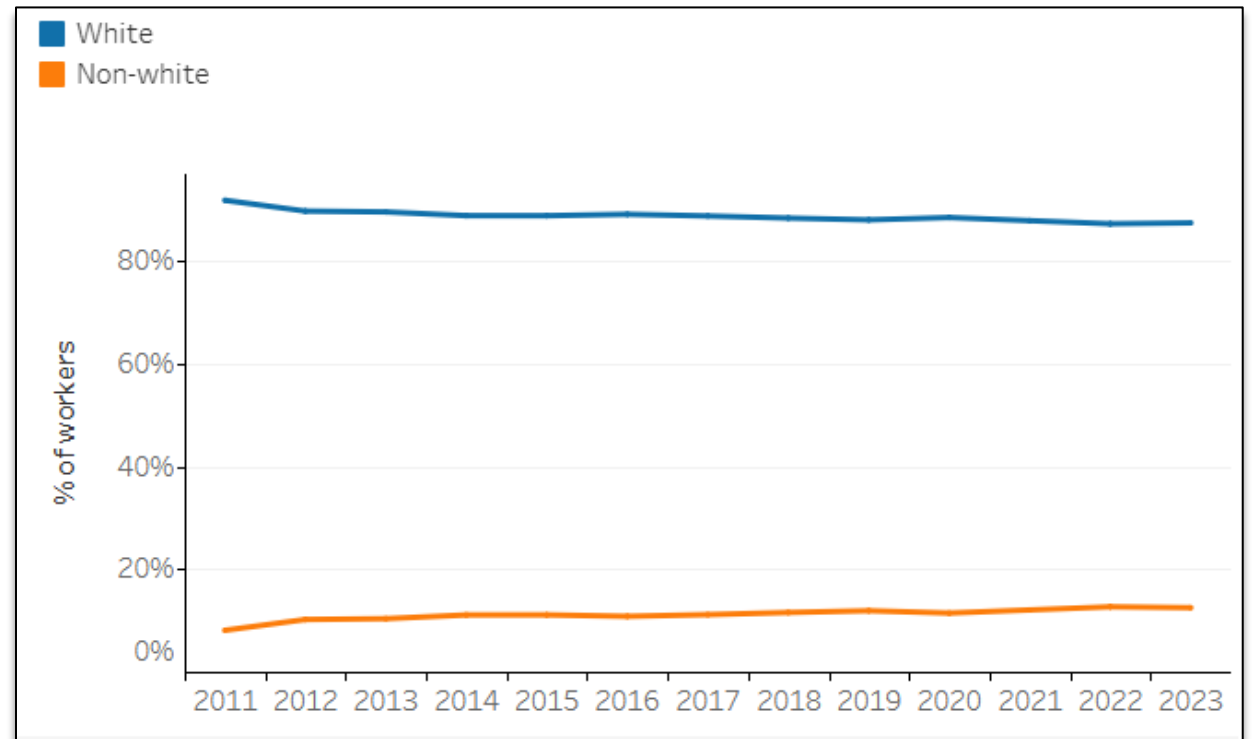
Changes in the Workforce

- Since 2011, there has been considerable change in the employment trends within construction.
 - Most notably among aging, women, non-White and Hispanic workers.
 - Match similar trends in overall U.S. workforce.



Race

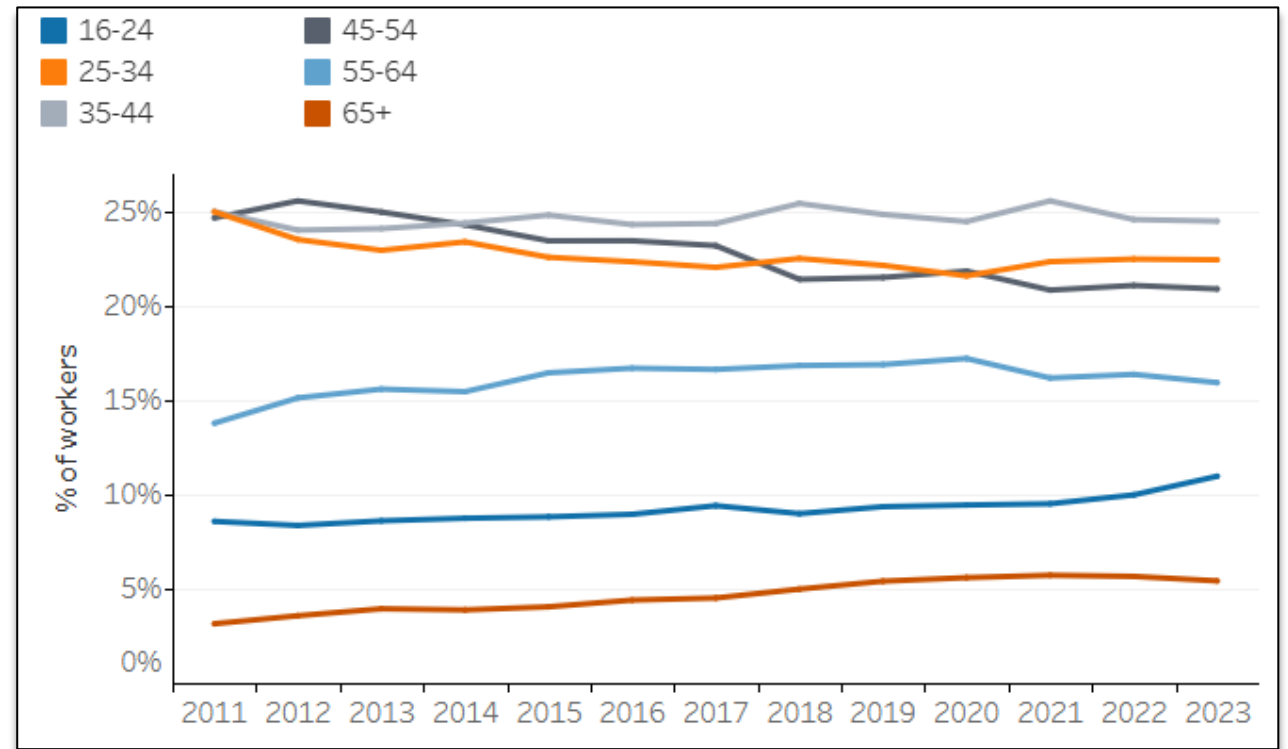
- From 2011 to 2023,
 - White workers: **-4.8%**
 - **91.9%** to **87.5%**
 - Non-White workers: **+54.6%**
 - **8.1%** to **12.5%**
 - Black: **+62%**
 - Asian: **+51.8%**
 - Hawaiian/Pacific Islander: **+323.2%**
 - American Indian/Aleut/Eskimo: **+90.4%**



Source: CPWR—The Center for Construction Research and Training. [2024]. Demographics of Construction Workers [[dashboard](#)].

Age

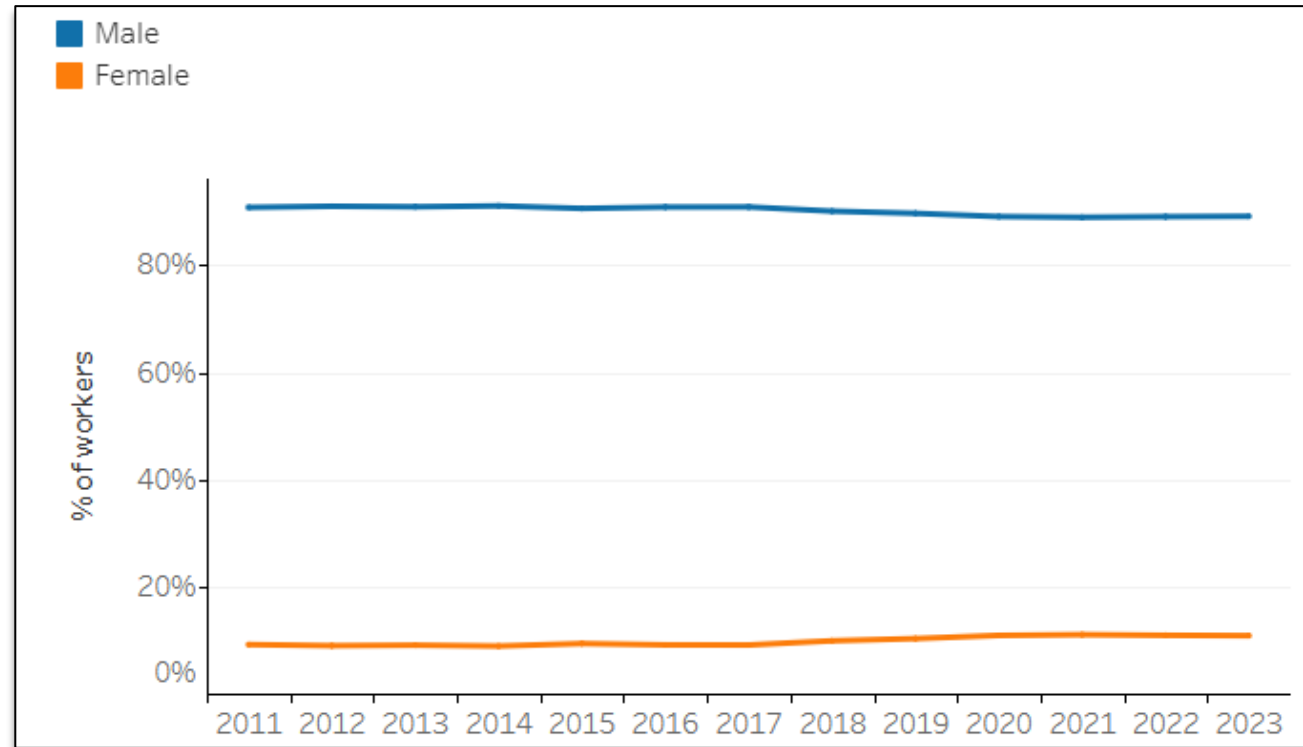
- From 2011 to 2023,
 - 65 years or older: **+72.4%**
 - **3.1%** to **5.4%**
 - 55 years or older: **+26.0%**
 - **16.9%** to **21.3%**
 - 25 to 34 years: **-10.2%**
 - **25%** to **22.4%**



Source: CPWR—The Center for Construction Research and Training. [2024]. Demographics of Construction Workers [[dashboard](#)].

Sex

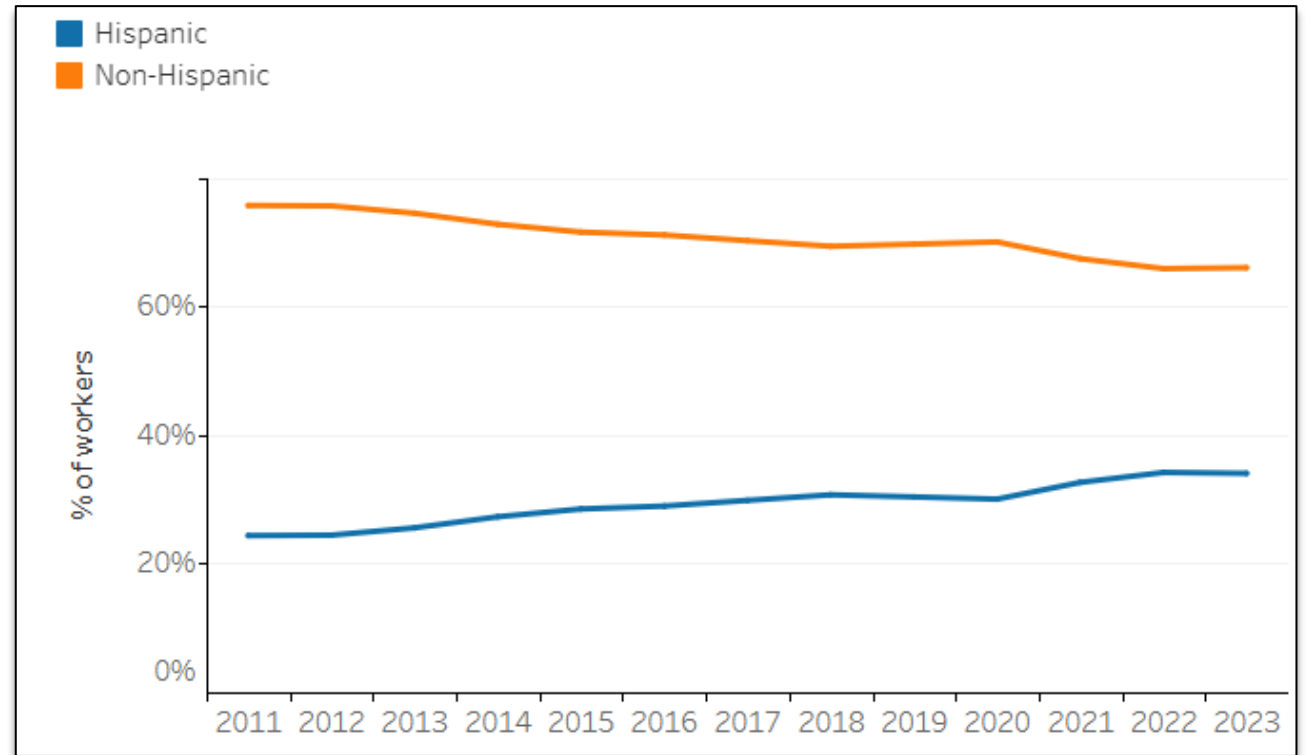
- From 2011 to 2023,
 - Women workers: **+18.2%**
 - **9.2%** to **10.8%**
 - Men workers: **-1.8%**
 - **90.8%** to **89.2%**



Source: CPWR—The Center for Construction Research and Training. [2024]. Demographics of Construction Workers [[dashboard](#)].

Ethnicity

- From 2011 to 2023,
 - Hispanics: **+39.7%**
 - **24.3%** to **34%**
 - Non-Hispanics: **-12.8%**
 - **75.7%** to **66.0%**

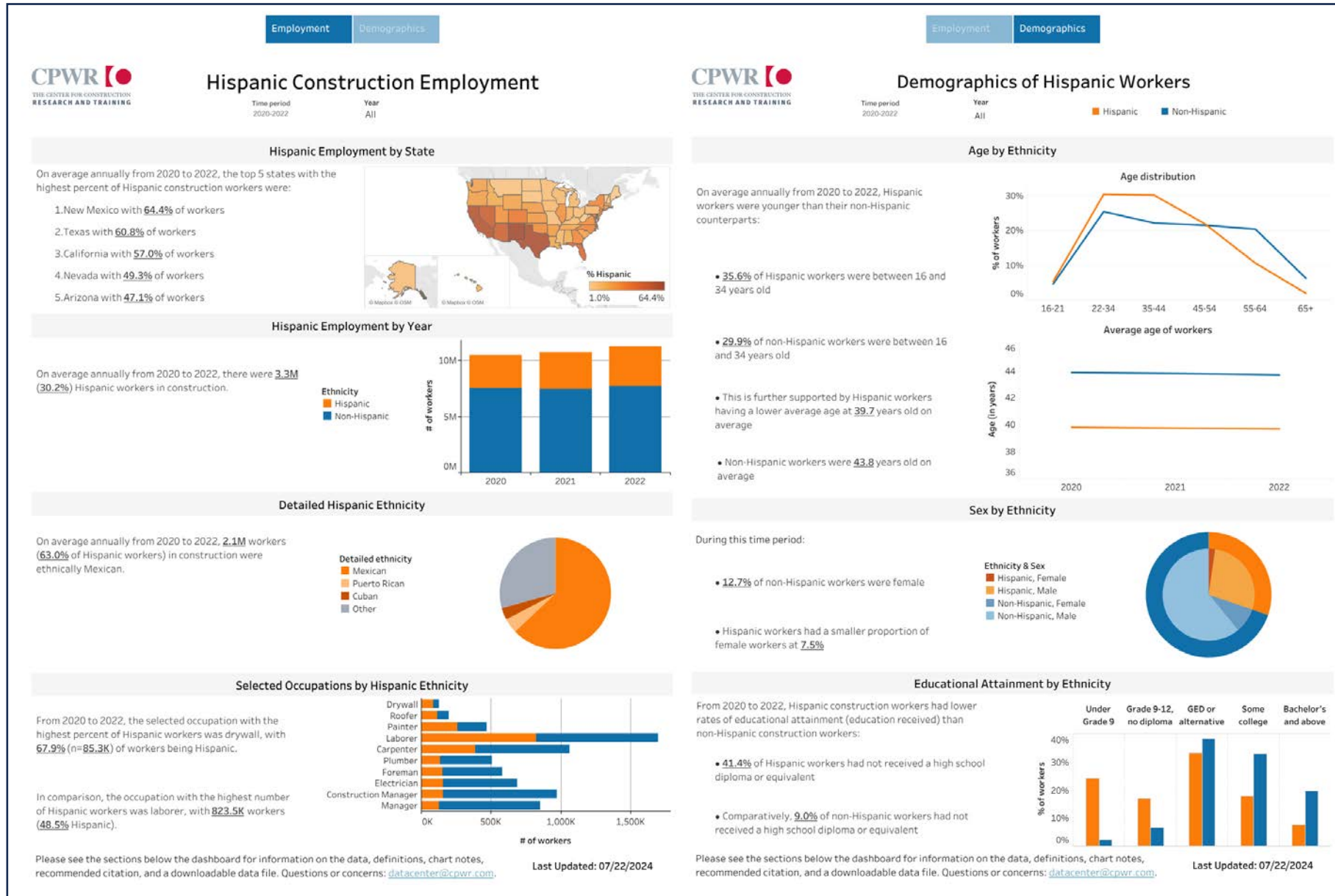


Source: CPWR—The Center for Construction Research and Training. [2024]. Demographics of Construction Workers [[dashboard](#)].



Hispanic Employment Trends

Hispanic Employment and Demographics



Source: CPWR–The Center for Construction Research and Training. [2025]. Hispanic Employment and Demographics [[dashboard](#)].

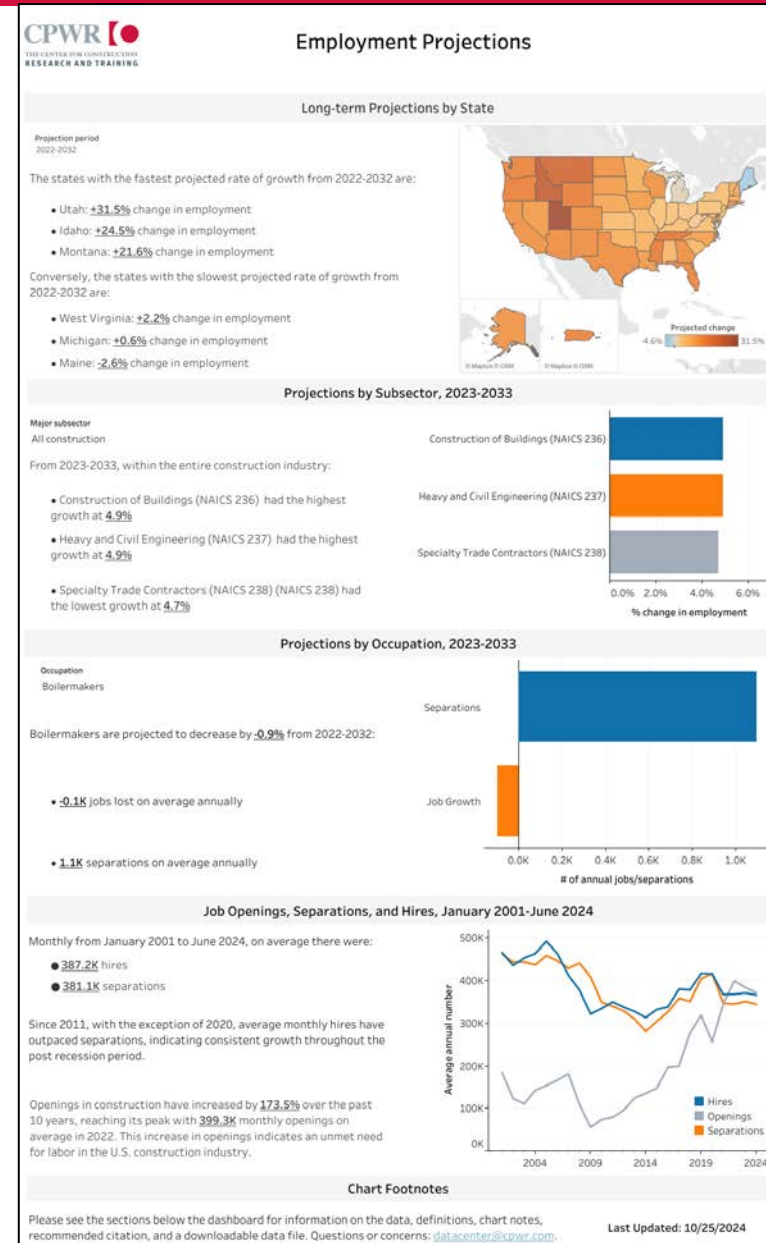


Employment Projections

Employment Projections

- Construction workers are rapidly changing across trades, states, and demographics.
 - Projections allow us to predict these changes to better adapt and prepare.

Source: CPWR—The Center for Construction Research and Training. [2025]. Employment Projections [[dashboard](#)].



Employment Projections

Long-term Projections by State

Projection period

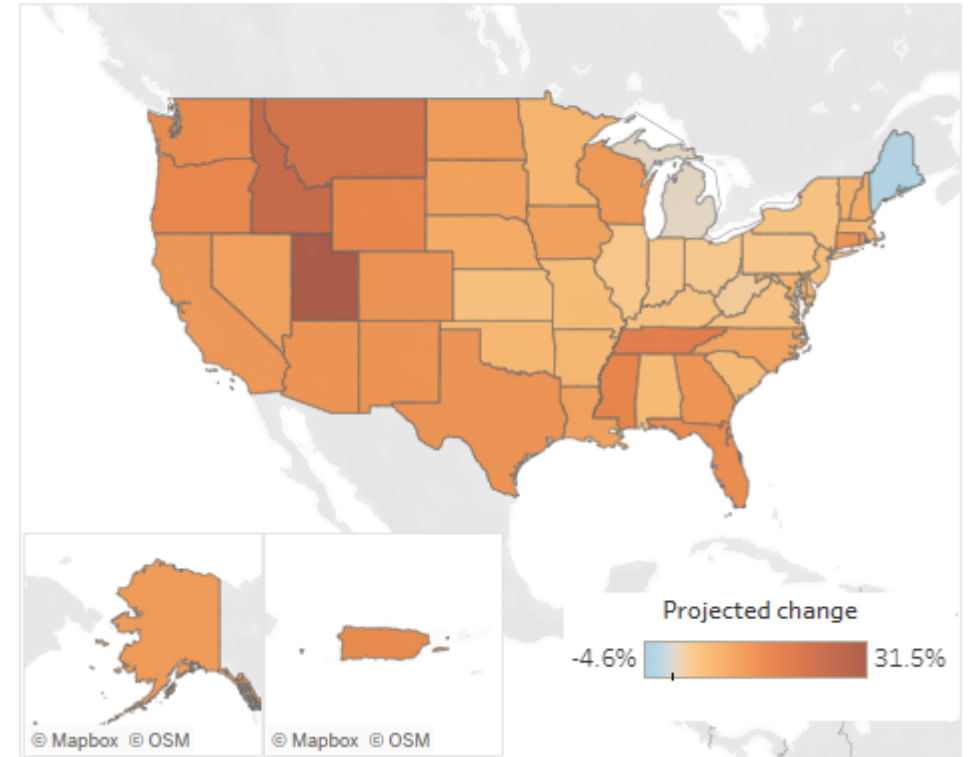
2022-2032

The states with the fastest projected rate of growth from 2022-2032 are:

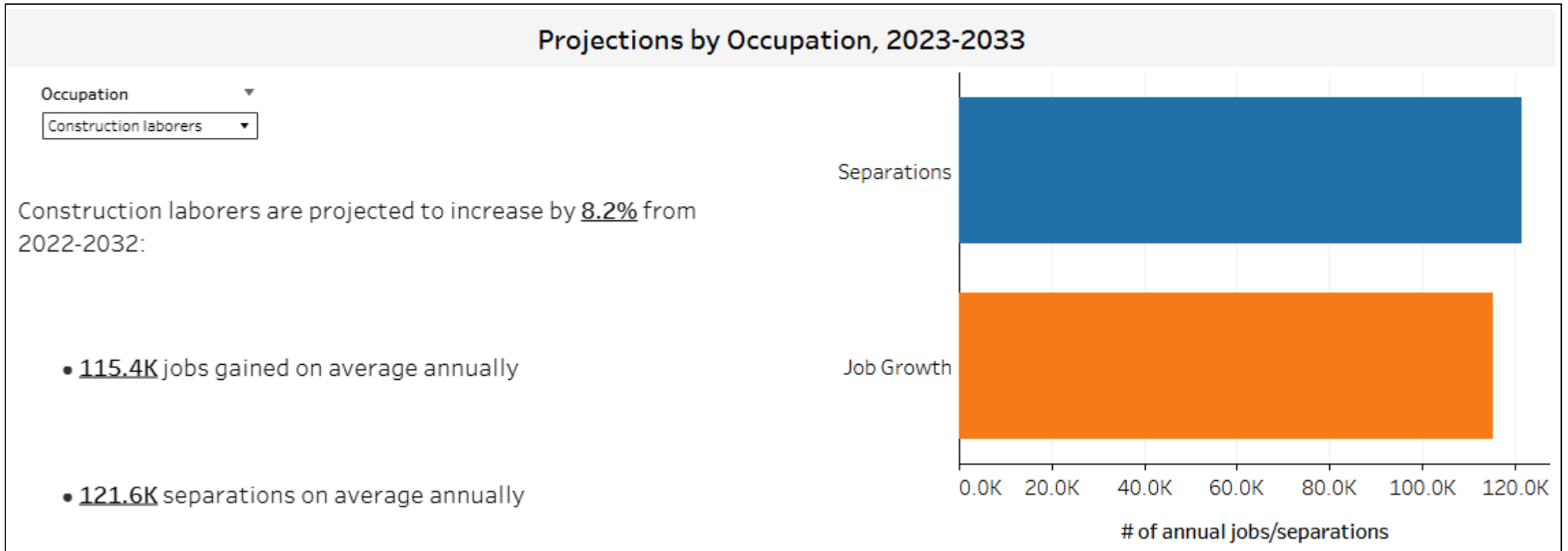
- Utah: **+31.5%** change in employment
- Idaho: **+24.5%** change in employment
- Montana: **+21.6%** change in employment

Conversely, the states with the slowest projected rate of growth from 2022-2032 are:

- West Virginia: **+2.2%** change in employment
- Michigan: **+0.6%** change in employment
- Maine: **-2.6%** change in employment

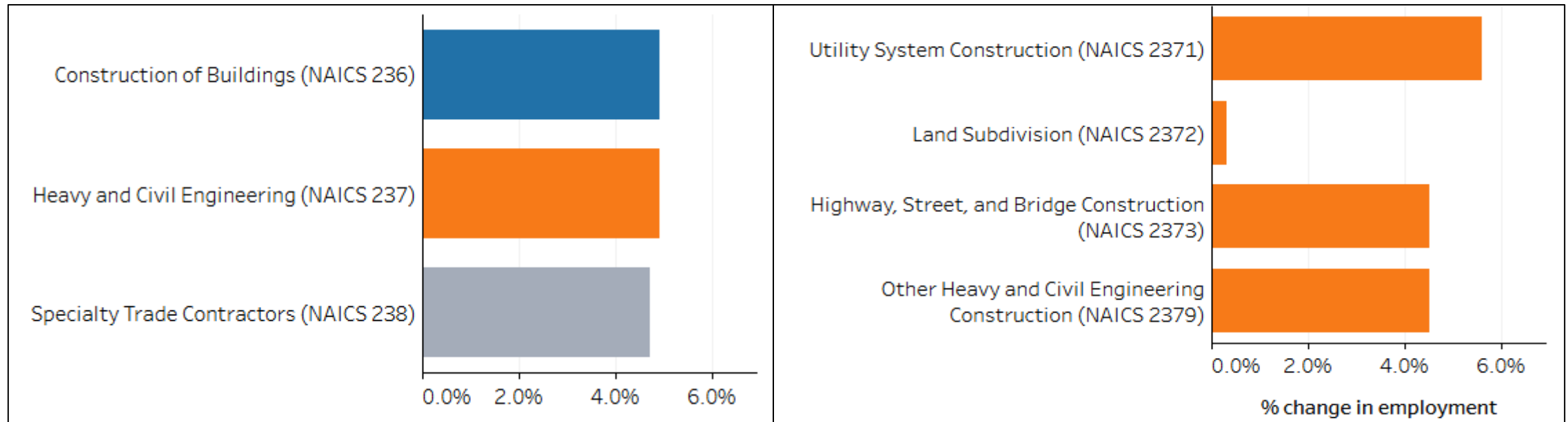


Employment Projections



Source: CPWR–The Center for Construction Research and Training. [2025]. Employment Projections [[dashboard](#)].

Employment Projections



Source: CPWR–The Center for Construction Research and Training. [2025]. Employment Projections [[dashboard](#)].

Employment Projections

About the Data



Definitions and Chart Notes



Definitions

- **Detailed subsector** – 4-to-5-digit NAICS codes within construction (under NAICS 23).
- **Major subsector** – 3-digit NAICS codes within construction (under NAICS 23).
- **Openings** – The sum of net occupational employment change and occupational separations. Workers who change jobs within an occupation do not generate openings since there is no net change in openings from this movement.
- **Separations** – the sum of labor force exits and occupational transfers.
 - **Labor force exits** – workers who are leaving an occupation or exiting the labor force entirely
 - **Occupational transfers** – workers who transfer to a different occupation. These represent permanent separations, not temporary movements where a worker is expected to return to the same occupation in the future.

Chart Notes

Map and Bar Chart by Occupation: Data shown is for construction and extraction occupations and is not specific to the construction industry. Common construction trades are shown, but extraction workers may be included.

Recommended Citation and Data File



Source: CPWR–The Center for Construction Research and Training. [2025].Employment Projections [[dashboard](#)].

Wrap-Up/Next Steps

Construction Chart Book

- 7th edition dashboards being added over the next few months
- PDF coming this summer

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RESEARCH AND TRAINING

A-Z Index Lista de recursos en español

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RESEARCH TRAINING SERVICE NEWS & EVENTS ABOUT CPWR

CONSTRUCTION CHART BOOK

Home > Research > Data Center > Construction Chart Book > Interactive Chart Book

Interactive Chart Book

The Interactive Chart Book is the latest format of *The Construction Chart Book- The U.S. Construction Industry and Its Workers*. This new format provides the ability for data to be updated as available, as well as for dynamic key findings to be presented that update with included filters.

- [Industry, Business, and Owner](#)
Information on construction establishments, construction spending, and business owners.
- [Employment, Income, and Benefits](#)
Information on employment trends, retirement plans, Hispanic workers, and Women in Construction.
- [Injuries, Illnesses, and Other Health Topics](#)
Information on fatal and nonfatal injuries, mental health, and causes of death.
- [Hazards and Exposures](#)
Information on exposures, such as hazardous environments, lead, and nanomaterials.
- [Other Topics](#)
Information on OSHA Inspections, Hours Worked, and other topics not covered elsewhere.

INTERACTIVE CHART BOOK

- [Chart Book Homepage](#)
- [Interactive Chart Book](#)
- [Industry and Business](#) +
- [Employment and Income](#) +
- [Injuries and Illnesses](#) +
- [Hazards and Exposures](#) +
- [Other Topics](#) +

Link: CPWR–The Center for Construction Research and Training. [n.d.].Interactive Chart Book.
<https://www.cpwr.com/research/data-center/the-construction-chart-book/interactive-7th/>

CPWR Data Center Resources

- 7th edition [Employment, Income, and Benefits Dashboards](#)
Employment, Income, and Benefits

The Employment and Income Interactive Chart Book section presents data related to employment trends, income/wages, and benefits. Additional dashboards will be published over the next few months covering additional related topics.

Employment Trends

- [Demographics of Construction Workers](#)
- [Employment Projections](#)
- [Employment Trends](#)

Demographic and Characteristic Trends

- [Hispanic Employment and Demographics](#)
- [Immigrant Hispanic Workers](#)
- [Immigrant Workers](#)
- [Self-employed Workers](#)
- [Temporary Workers](#)
- [Women in Construction](#)

- Recent Data Bulletins (2023 to 2025)
 - [Aging and Retirement Trends in the Construction Industry](#)
 - [Hispanic Construction Workers: Employment, Business Ownership, and Injury Trends](#)
 - [Labor Force Characteristics in Construction and All Industries, 2011-2022](#)
 - [Employment Costs in Construction](#)
 - [Women in Construction: Employment, Business Owner, and Injury Trends](#)

Other CPWR Resources

Women in the Trades

DISPROPORTIONATE RISK

Home > Research > Research to Practice (r2p) > r2p Partnerships > Roundtable on Reaching Small Contractors and Workers at Disproportionate Risk > Women in the Trades

Women in the Trades

Women make up a small but important part of the construction workforce. They face challenges such as finding personal protective equipment (PPE) that fits properly, restroom and sanitation access, and discrimination.

The following CPWR resources contain information for women in construction:

- CPWR's "[Personal Protective Equipment for Women Construction Workers](#)" provides a quick reference to help women, trans, and nonbinary workers find PPE that fits and protects.
- CPWR's [Women in Construction Webinar Mini-Series](#) showcases tips and information on how to support women in construction from tradeswomen, government representatives, researchers, non-profit leaders, and employers doing it right ([Click here to learn more](#)).
- CPWR's [Physicians' Alert: Pregnant Construction Worker Safety and Health](#) (Click here for [Spanish](#)) helps workers and their doctors determine a plan to continue working safely while pregnant and return to work safely after giving birth. Also, see the [Work-Related Task Lists by Construction Occupation](#) for additional information that can help pregnant workers use this Physicians' Alert.

We are very grateful for the help of all who contributed their expertise and insights into the development of the Pregnant Construction Worker Safety and Health Physician's Alert. We would like to thank A Better Balance, Vicki O'Leary, the Trades Women Committee, Dr. Marya Zlatnik, and Dr. Rosie Sokas for their work on this product.

Other Resources

- [NIOSH webpage on reproductive health](#)
- NAWIC-OSHA Alliance: "[Portable Toilet and Sanitation Best Practices for Women in Construction](#)" handout of best practices for employers to improve bathroom access and sanitation.

← RESEARCH

- Research Projects +
- Data Center -
- Research to Practice (r2p) -
 - r2p Library +
 - r2p Partnerships
 - Infrastructure Resources +
- Training and Awareness Programs from Research +
- Management Resources from Research +
- Hazard-Specific Resources & Training Tools

Spanish Resources

LISTA DE RECURSOS EN ESPAÑOL

Home > Lista de recursos en español

Lista de recursos en español

El Centro de Investigación y Capacitación en Construcción (Center for Construction Research and Training, CPWR) cuenta con una creciente colección de materiales de seguridad en español para la construcción, elaborada a través de sus proyectos de investigación y las iniciativas de investigación para la práctica (research to practice, r2p), así como recursos que se recopilaron de otras fuentes confiables.

Nuevas Adiciones

Estos son los recursos más recientes para promover la seguridad y la salud de los trabajadores de la construcción;

- Charlas informativas sobre la [Seguridad en la zona de trabajo: Trabajar alrededor de vehículos](#)
- Tarjetas de alerta de riesgos

- [Andamios](#)
- [Escaleras](#)
- [Sistema de protección contra caídas: Ameses](#)
- [Plataformas aéreas](#)
- [Evite esiones en la cabeza](#)

- Infografías sobre [10 maneras de mantener su programa de prevención de caídas durante todo el año](#)
- Seminarios web "Evento de la Campaña Nacional de Prevención de Caídas 2024" [Ver video](#) [Presentación](#)

← RESEARCH

- Research Projects +
- Data Center -
- Research to Practice (r2p) +
- Training and Awareness Programs from Research +
- Management Resources from Research +
- Hazard-Specific Resources & Training Tools
- Liberty Mutual Safety Innovation Award +

Other CPWR Resources

Aging Workers

MANAGEMENT RESOURCES FROM RESEARCH

Home > Research > Management Resources from Research > Aging Workers

Aging Workers

Older workers bring a wealth of knowledge and skills to the job site, including a strong work ethic, a sense of responsibility, maturity, and loyalty. Their experience is particularly important when it comes to identifying hazards and safely completing complex tasks – they've seen what can go wrong and know how to prevent mistakes and work efficiently.

Supporting older workers who remain on the job is especially important today, when the construction workforce overall is aging and the industry is having difficulties recruiting and retaining enough skilled workers. However, the demands of many construction jobs can challenge older workers. Workers with years of experience often have job-related physical wear and tear, such as chronic musculoskeletal conditions, hearing loss, and chronic lung and other diseases. Construction workers also encounter the normal effects of aging, which may include reduced muscle mass, balance, cardiovascular function, visual acuity and reaction times, as well as increased susceptibility to respiratory infections and heat-related illnesses.

Many contractors have found ways to address these challenges and reap the benefits of having older workers on their teams. Central to this effort is increased attention to work organization, which provides proven safety and

Aging Workers Resources

- [Aging Workers Data Dashboard](#)
- [Hazard assessment and primary prevention](#)
- [Supportive programs](#)
- [Legal resources](#)
- [Success stories/lessons learned](#)

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Management Resources from Research +

Hazard-Specific Resources & Training Tools

Thank you!

Questions?

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