



# Labor Market Information for Workforce Centers

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# LMI for Workforce Centers

## About Research & Planning

### **OUR ORGANIZATION:**

R&P is an exclusively statistical entity within DWS.

### **WHAT WE DO:**

R&P collects, analyzes, and publishes timely and accurate labor market information (LMI) meeting established statistical standards.

### **OUR CUSTOMERS:**

LMI makes the labor market more efficient by providing the public and the public's representatives with the basis for informed decision making.

# LMI for Workforce Centers



## About Research & Planning

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# LMI for Workforce Centers



## *Wyoming Labor Force Trends*



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## *Wyoming Labor Force Trends*

### **What Is It?**

A monthly publication with feature articles and regular monthly data on Wyoming's labor market.

### **Where Can I Find It?**

Click on “Wyoming Labor Force Trends” at the top of the page

### **Or go to**

<https://doe.state.wy.us/LMI/trends.htm>



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## *Wyoming Labor Force Trends*

### Recent Articles

- Pandemic Job Losses and Recovery in Wyoming: A Sector-by-Sector Review (August 2022)
- Nursing Assistants and Work-Related Injuries (June 2022)
- UI Benefit Recipients, Payments Decrease in 2021 (May 2022)
- Occupations with the Highest and Lowest Wages for May 2020 (March 2022)
- Older Workers in Wyoming: A Closer Look (February 2022)



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## *Wyoming Labor Force Trends*

### Quarterly Issues

- January, April, July, October
- Quarterly articles and data on employment and wages, turnover, and more

### Recent Quarterly Headlines

- 2021Q4 Quarterly Update: Wyoming Shows Continued Job Growth in Fourth Quarter (July 2022)
- 2021Q3 Quarterly Update: Mining Sees First Over-the-Year Job Growth in More than 2 Years (April 2022)



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*2022 Wyoming Workforce Annual Report*





# LMI for Workforce Centers

## *2022 Wyoming Workforce Annual Report*

### **What Is It?**

A comprehensive publication with articles examining Wyoming's labor market using various programs.

### **Where Can I Find It?**

Click on the report's cover on the left nav bar

### **Or go to**

<https://doe.state.wy.us/LMI/publications.htm>



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## *2022 Wyoming Workforce Annual Report*

### Selected Chapter Titles

- Wyoming Shows Employment and Wage Growth in 2021
  - Labor Force, Unemployment Rate Decline in 2021
  - Wyoming Job Openings Set a Record High in 2021
- Wyoming Trails U.S. in Post-Secondary Education Degrees
- Wyoming Employers Add Almost 80,000 New Hires in 2020
  - Just the Facts

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## Quarterly Census of Employment and Wages (QCEW)



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## Quarterly Census of Employment and Wages (QCEW)

### What Is It?

QCEW contains data on employment and wages by county and industry.

### Where Can I Find It?

Click on “Quarterly Census of Employment and Wages” under “Information for Job Seekers.”

### Or go to

[https://doe.state.wy.us/LMI/toc\\_202.htm](https://doe.state.wy.us/LMI/toc_202.htm)



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## Quarterly Census of Employment and Wages (QCEW)

### Select Year and Quarter

- For example, fourth quarter 2021 (2021Q4)

### Select County or Industry

- County includes breakdown of employment and wages by industry for each county
- Also includes pie chart showing industries with the greatest employment



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## Quarterly Census of Employment and Wages (QCEW)

### Example: Campbell County

- Average monthly employment: 23,429 – up 538 jobs (2.4%)
  - Total wages: \$373.9 million
  - Average weekly wage: \$1,228

### Largest Industries

- Mining, including oil & gas (21.6%)
  - Retail trade (10.4%)
- Accommodation & Food Services (9.5%)



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## Quarterly Census of Employment and Wages (QCEW)

### Summary Tables

- You can also click on “summary tables” at the top
- These tables show employment and wages for each industry for each quarter since 2001Q1
- Graphics on employment and over-the-year change in employment and total wages

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## Occupational Employment and Wage Statistics (OEWS)





# LMI for Workforce Centers

## Occupational Employment and Wage Statistics (OEWS)

### What Is It?

OEWS provides employment and wages for each occupation.

### Where Can I Find It?

Click on “Occupations, Earnings, and Wages”

### Or go to

[https://doe.state.wy.us/LMI/OES\\_toc.htm](https://doe.state.wy.us/LMI/OES_toc.htm)



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## Occupational Employment and Wage Statistics (OEWS)

### On the OEWS Page

- Click “Wyoming Wage Survey”
- Then click the top link: “May 2021 estimates updated to the March 2022 ECI Employment Cost Index”
  - Click on a state, county, Metropolitan Statistical Area, or region



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## Occupational Employment and Wage Statistics (OEWS)

### Example: Carpenters (SOC 47-2031)

- Click on “Construction and Extraction Occupations”
  - Carpenters is about the sixth down on the list
- From here you can see the estimated employment (2,580) and wages
  - Clicking on the occupational title will provide additional details

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## Industry and Occupational Projections



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## Long- and Short-Term Industry Projections

### What Is It?

Industry projections show job growth (number and percent) by industry.

### Where Can I Find It?

Click on “Projections”

### Or go to

<https://doe.state.wy.us/LMI/projections.htm>



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## Long- and Short-Term Industry Projections

### Industry

- Type of firm for which a person works
- Mining, construction, retail trade, health care

### Occupation

- Specific task or set of tasks performed by an individual
- Roustabouts, truck drivers, cashiers, registered nurses



# LMI for Workforce Centers

## Long- and Short-Term Industry Projections

### On the Projections Page

- Select long-term (10-year) or short-term (2-year) projections
  - Click on the long-term projections link
  - Click on the industry projections link
- Example: Wyoming's mining industry is projected to add 1,558 jobs from 2020 to 2030, an increase of 9.6%



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## Long- and Short-Term Occupational Projections

### What Is It?

Occupational projections show job growth (number and percent) and openings due to people changing jobs (*transfers*) or leaving the workforce (*exits*) for each occupation.

### Where Can I Find It?

Click on “Projections”

### Or go to

<https://doe.state.wy.us/LMI/projections.htm>





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## Long-Term Occupational Projections

### What's Available?

- Top 10 growth occupations
- Top 10 total projected openings
- Projections for each occupation
- Projections by educational requirement



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## Long-Term Occupational Projections

### Example: Top 10 Growth Occupations

- Heavy & tractor-trailer truck drivers (SOC 53-3032)
  - 1,672 projected growth openings
    - 3,325 openings due to exits
    - 5,506 openings due to transfers
  - 10,503 total openings from 2020 to 2030
- Requirements: post-secondary non-degree award and short-term on-the-job training



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## Long-Term Occupational Projections

### Example: Nursing Assistants (SOC 31-1131)

- Click on “Healthcare Support Occupations (SOC 31-0000)”
  - 306 projected growth openings
  - 1,927 openings due to exits
  - 1,704 openings due to transfers
  - 3,937 total openings from 2020 to 2030
- Requirements: post-secondary non-degree award



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## Long-Term Occupational Projections

### Example: Occupations Requiring an Associate's Degree

- Click on “Associate’s Degree” under “Educational Requirement”
  - 962 projected growth openings
  - 2,128 openings due to exits
  - 4,148 openings due to transfers
- 7,328 total openings from 2020 to 2030



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## Long-Term Occupational Projections

### Example of Occupations Requiring an Associate's Degree

- Computer network specialists (SOC 15-1231)
- Paralegals & legal assistants (SOC 23-2011)
- Veterinary technologists & technicians (SOC 29-2056)



## Local Area Unemployment Statistics (LAUS)



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## Local Area Unemployment Statistics (LAUS)

### What Is It?

Data on the labor force, employment, unemployment, and unemployment rate

### Where Can I Find It?

Click on “News Releases” and then “Monthly News Release”

### For Historical Data, Go to

<https://doe.state.wy.us/LMI/LAUS.htm>



## Local Area Unemployment Statistics (LAUS)

### Monthly News Release

- Includes LAUS data for each county
- Example: Wyoming's seasonally adjusted unemployment rate for August 2022 was 3.1%, down from 4.3% in August 2021





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## Local Area Unemployment Statistics (LAUS)

### More Data

- On the LAUS.htm page, click “Labor Force, Employment, and Unemployment Estimates”
  - Wealth of data on this page from 1974 to present
  - For 2022 monthly data, click on “2022” under section I
- Includes data for Wyoming, 2 MSAs, all 23 counties, 4 cities with population over 25,000



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## New Hires Job Skills Survey



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## **New Hires Job Skills Survey**

### **What Is It?**

A survey designed to collect information such as occupation, wages and benefits, license and certification requirements, required job skills, and employers' satisfaction with those skills.

### **Where Can I Find It?**

Click on "New Hires"

**Or go to**

<https://doe.state.wy.us/LMI/newhires.htm>



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## **New Hires Job Skills Survey**

- Click the link under “Current Survey Data: 2020 New Hires”
- Includes an article, data by industry, and data by educational requirement of each occupation
- Click the “Detailed Tables” link for the most information



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## New Hires Job Skills Survey

### Example: All New Hires

- 79,589 new hires in 2020
  - Average hourly wage: \$14.00
  - 29.2% offered health insurance
- Important skills: critical thinking (79.3%), service orientation (79.3%)
- 40.0% of employers satisfied with new hires
  - 50.1% worked 36+ hours per week
  - 45.7% were women, 54.3% men
- 80.4% still working that job 1 quarter after hire



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## New Hires Job Skills Survey

### Example: Heavy & Tractor-Trailer Truck Drivers

- 3,620 new hires in 2020
- Average hourly wage: \$21.00
- 18.6% offered health insurance
- Important skills: reading comprehension (90.1%), operation & control (89.5%)
- 28.9% of employers satisfied with new hires
  - 59.6% worked 21-35 hours per week
  - 61.0% were men, 39.0% women
- 83.0% still working that job 1 quarter after hire



## Unemployment Insurance (UI) Claims Data



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## Unemployment Insurance Claims Data

### What Is It?

Weekly, monthly, and annual UI claims data

### Where Can I Find It?

Click on “Unemployment Insurance”

### Or go to

<https://doe.state.wy.us/LMI/UI.htm>





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## Unemployment Insurance Claims Data

### Weekly Claims Data

- Updated each Friday
- Initial and continued claims data by industry, county of residence, gender, and age

### Examples for Week Ending September 17, 2022

- Men made up 54.5% of continued claimants, women accounted for 45.5%
- Individuals ages 65+ made up 6.9% of all continued claimants



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## Unemployment Insurance Claims Data

### Monthly Claims Data

- Report published around the third week of each month
- Detailed data by county and industry for initial and continued claims

### Examples from August 2022 UI Claims Report

- 980 initial claims
- 5,870 continued weeks claimed – lowest total since at least 2007



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## Unemployment Insurance Claims Data

### Annual Data:

- Benefit recipients and exhaustees by age, gender, industry, and county
  - UI Trust Fund tax revenue
    - Total benefits paid
  - UI Trust Fund balance
- Article appears in *2022 Wyoming Workforce Annual Report* and *May 2022 Trends*

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## Demographics of the Workforce



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## Demographics of the Workforce

### What Is It?

Employment and earnings by gender, age, industry, county, and more.

### Where Can I Find It?

Click on “Demographics of the Workforce”

### Or go to

<https://doe.state.wy.us/LMI/demographics.htm>



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## Demographics of the Workforce

- Click the link under “New! Current Data”
- Data available by industry or county of employment



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## Demographics of the Workforce

### Example: Construction Employment by Gender

- Women: 3,150 (9.1% of total)
- Men: 22,232 (64.3% of total)
- Nonresidents: 9,218 (26.6% of total)
- Total: 34,600 working in construction in 2021

### Annual Wages in Construction

- Women: \$32,385
  - Men: \$40,519
- Nonresidents: \$20,931
  - Total: \$34,560



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## Demographics of the Workforce

### Example: Laramie County

- Women: 25,223 (42.4% of total)
  - Men: 27,203 (45.8% of total)
- Nonresidents: 7,002 (11.8% of total)
- Total: 59,428 working in Laramie County in 2021

### Annual Wages in Construction

- Women: \$34,783
  - Men: \$43,369
- Nonresidents: \$19,906
  - Total: \$36,960



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## Census of Fatal Occupational Injuries (CFOI)



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## Census of Fatal Occupational Injuries (CFOI)

### What Is It?

Workplace fatality statistics.

### Where Can I Find It?

Click on “Occupational Safety and Health”

### Or go to

<https://doe.state.wy.us/LMI/safety.htm>

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## Census of Fatal Occupational Injuries (CFOI)

- 35 occupational fatalities in 2021, up from 32 in 2020
- 20 of those (57.1%) were transportation incidents

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## Survey of Occupational Injuries and Illnesses (SOII)



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## Survey of Occupational Injuries and Illnesses (SOII)

### What Is It?

SOII provides statistics on workplace injuries and illnesses

### Where Can I Find It?

Click on “Occupational Safety and Health”

### Or go to

<https://doe.state.wy.us/LMI/OSH/toc.htm>



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## Census of Fatal Occupational Injuries (CFOI)

- Wyoming's nonfatal occupational injury and illness incidence rate for 2020: 3.3

### **Injuries with Highest Rates in 2020**

- Nursing & residential care facilities (10.6)
  - Wood product manufacturing (7.8)
- Local government administration of environmental quality programs (7.5).

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