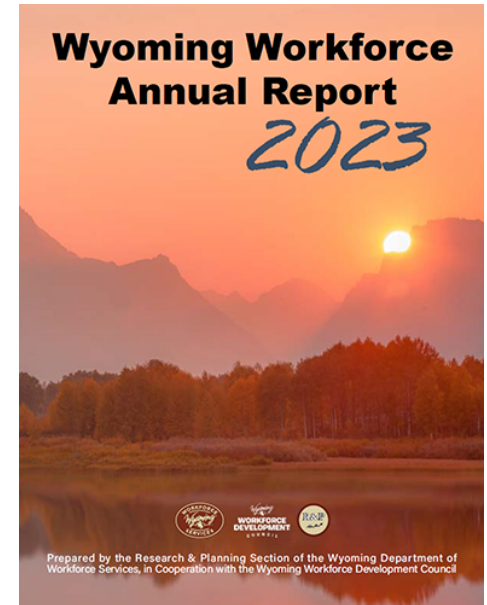




# Inside the *2023 Wyoming Workforce Annual Report*



Presented to the Wyoming Workforce  
Development Council on September 13, 2023,  
by Michael Moore, R&P Research Supervisor



# 2023 Wyoming Workforce Annual Report

## 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.



# 2023 Wyoming Workforce Annual Report

## About the Annual Report

- Published each June in partnership with the WWDC
- Comprehensive report examining Wyoming's labor market using several federal and state programs
- Available online at <https://doe.state.wy.us/LMI/>
- Limited number of print copies available



# 2022 Wyoming Workforce Annual Report

## Chapter 2: Quarterly Census of Employment and Wages

**Table 2.1: Average Monthly Employment (Jobs Worked), Total Wages, and Average Annual Wage for Wyoming, 2021 and 2022**

|                            | 2022           | 2021           | Change, 2021-2022 |     |
|----------------------------|----------------|----------------|-------------------|-----|
|                            |                |                | N                 | %   |
| Average Monthly Employment | 272,08         | 265,683        | 6,402             | 2.4 |
| Total Wages                | \$15.3 Billion | \$14.1 Billion | \$1.2 Billion     | 8.8 |
| Average Weekly Wage        | \$1,083        | \$1,020        | \$64              | 6.2 |

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 5/2/23.



# 2022 Wyoming Workforce Annual Report

## Chapter 2: Quarterly Census of Employment and Wages

**QCEW: 2023Q1**



**UPDATE**

- Average Monthly Employment: 269,312 (6,337, 2.4%)
- Total Wages: \$4.0 Billion (\$386.8 Million, 10.7%)
- Average Weekly Wage: \$1,147 (\$86, 8.1%)



# 2022 Wyoming Workforce Annual Report

## Chapter 2: Quarterly Census of Employment and Wages

### Job Growth by Industry

- Leisure & hospitality (1,617, or 4.5%)
- Mining, Including oil & gas (1,537, or 10.4%)
- Professional & business services (995, or 5.1%)



# 2022 Wyoming Workforce Annual Report

## Chapter 2: Quarterly Census of Employment and Wages

### Coal Mining Employment

**UPDATE**

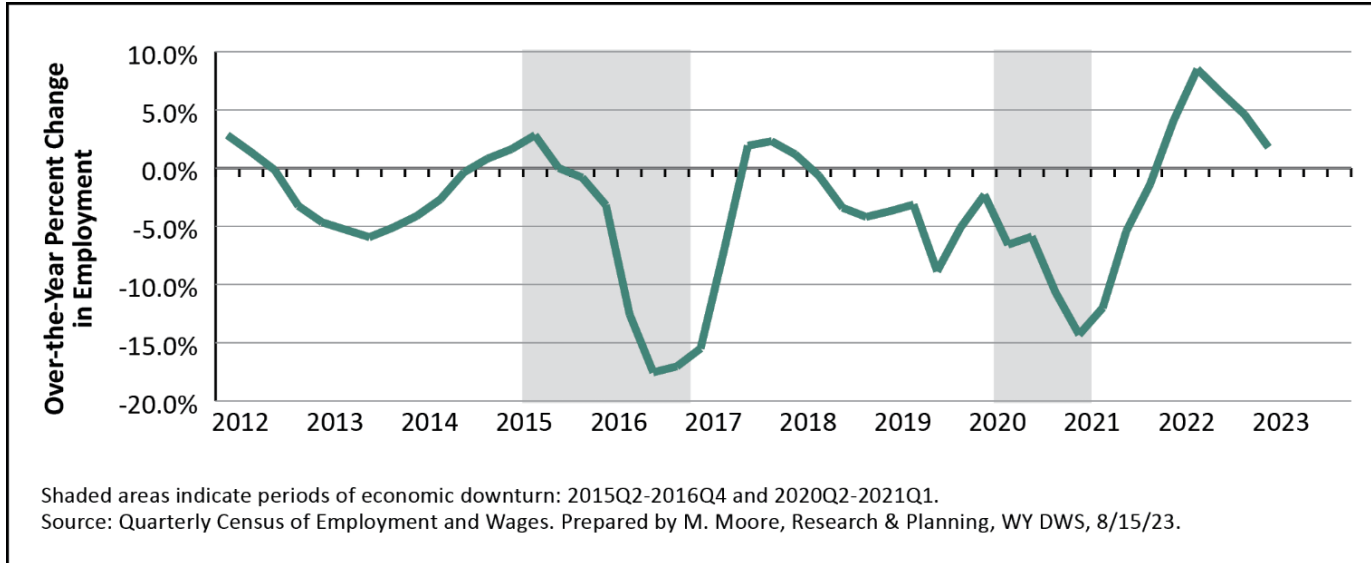


Figure: Over-the-Year Percent Change in Average Monthly Employment in Coal Mining (NAICS 2121) in Wyoming, 2012Q1-2023Q1



# 2022 Wyoming Workforce Annual Report

## Chapter 2: Quarterly Census of Employment and Wages

### Coal Mining Employment

**UPDATE**

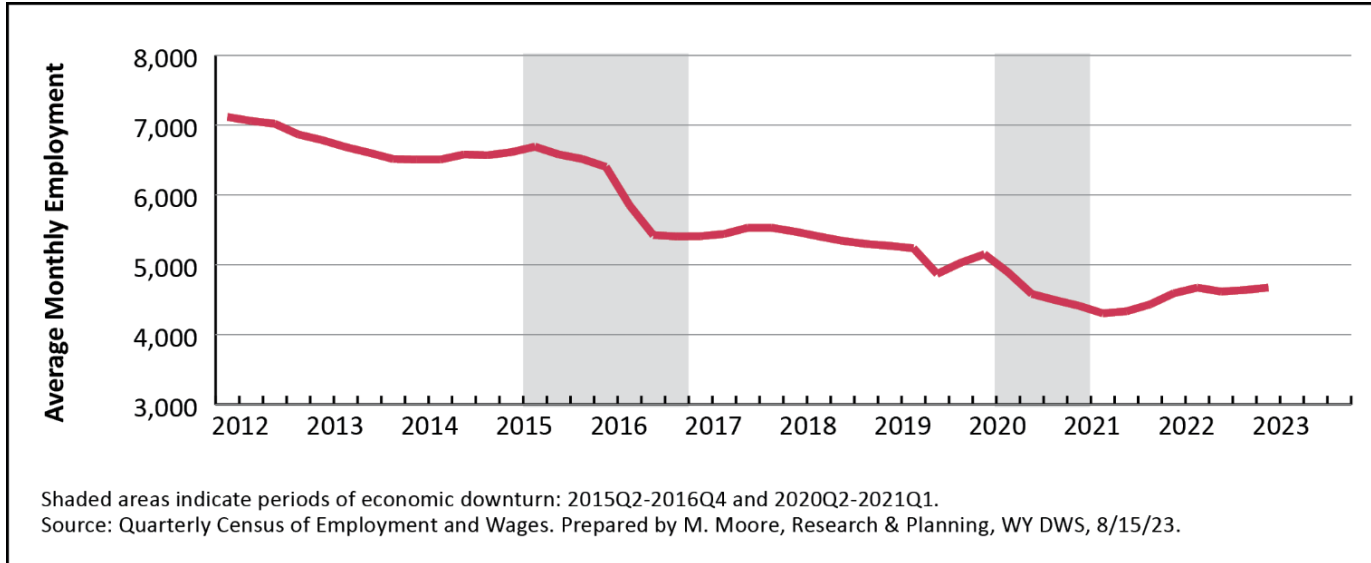


Figure: Average Monthly Employment in Coal Mining (NAICS 2121) in Wyoming, 2012Q1-2023Q1





# 2022 Wyoming Workforce Annual Report

## Chapter 2: Quarterly Census of Employment and Wages

### Employment Growth by County

- Teton (2,015, or 10.5%)
- Laramie (872, or 1.9%)
- Park (660, or 5.1%)
- Albany (644, or 4.2%)



# 2022 Wyoming Workforce Annual Report

## Chapter 3: Population Estimates

### Wyoming 2022 Population: 581,381

- From 2021 to 2022, 0.3% increase (1,898)
- Surpassed 2019 population (578,759)
- From 2012 to 2022, 0.9% increase (5,076)



# 2022 Wyoming Workforce Annual Report

## Chapter 3: Population Estimates

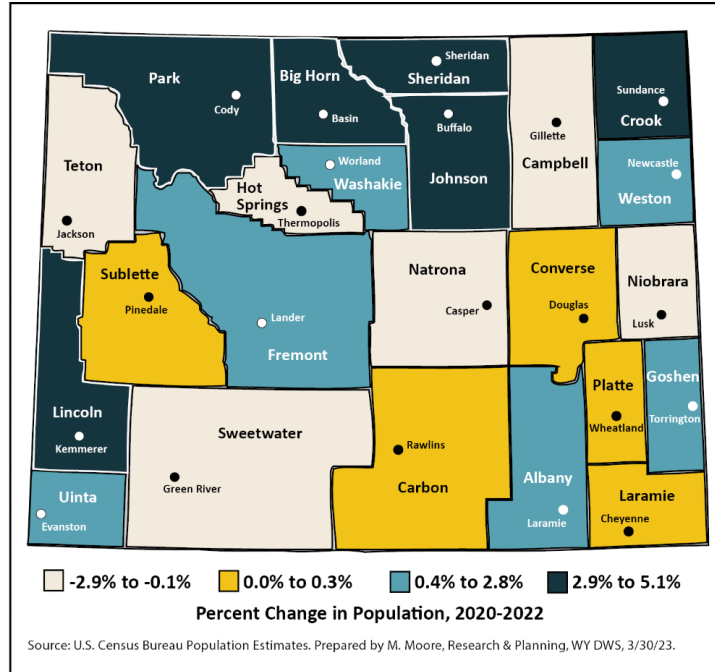


Figure 3.3: Percent Change in Wyoming Population by County as of July 1, 2020-2022



# 2022 Wyoming Workforce Annual Report

## Chapter 4: Local Area Unemployment Statistics

Table 4.1: Wyoming Labor Force and Unemployment Rate, 2013-2022

| Year | Labor Force | Employed | Unemployed | Unemployment Rate | Labor Force Participation Rate |
|------|-------------|----------|------------|-------------------|--------------------------------|
| 2013 | 302,201     | 287,792  | 14,409     | 4.8               | 67.4                           |
| 2014 | 302,865     | 289,694  | 13,171     | 4.3               | 67.3                           |
| 2015 | 301,608     | 288,894  | 12,714     | 4.2               | 66.8                           |
| 2016 | 300,546     | 284,439  | 16,107     | 5.4               | 66.6                           |
| 2017 | 293,802     | 281,164  | 12,638     | 4.3               | 65.9                           |
| 2018 | 292,629     | 280,754  | 11,875     | 4.1               | 65.7                           |
| 2019 | 293,320     | 282,433  | 10,887     | 3.7               | 65.6                           |
| 2020 | 293,755     | 276,495  | 17,260     | 5.9               | 65.2                           |
| 2021 | 289,154     | 275,748  | 13,406     | 4.6               | 63.7                           |
| 2022 | 291,756     | 281,343  | 10,413     | 3.6               | 63.7                           |

Source: Local Area Unemployment Statistics.

Prepared by C. Cowan, Research & Planning, WY DWS, 3/30/23.



# 2022 Wyoming Workforce Annual Report

## Chapter 5: Unemployment Insurance Claims

Table: Selected Wyoming Unemployment Insurance Statistics, 2021-2022

| UI Claims                | 2022         | 2021          | Change, 2021-2022 |       |
|--------------------------|--------------|---------------|-------------------|-------|
|                          |              |               | N                 | %     |
| Total Benefit Recipients | 10,597       | 20,536        | -9,939            | -48.4 |
| Benefit Exhaustees       | 1,660        | 6,686         | -5,026            | -75.2 |
| Benefit Exhaustion Rate  | 15.7         | 32.6          | -16.9             | -51.8 |
| Benefit Expenses         | \$41,207,159 | \$159,451,152 | -\$118,243,993    | -74.2 |

Source: Wyoming Unemployment Insurance (UI) claims database.

Prepared by M. Moore, Research & Planning, WY DWS, 8/14/23.



# 2022 Wyoming Workforce Annual Report

## Chapter 5: Unemployment Insurance Claims

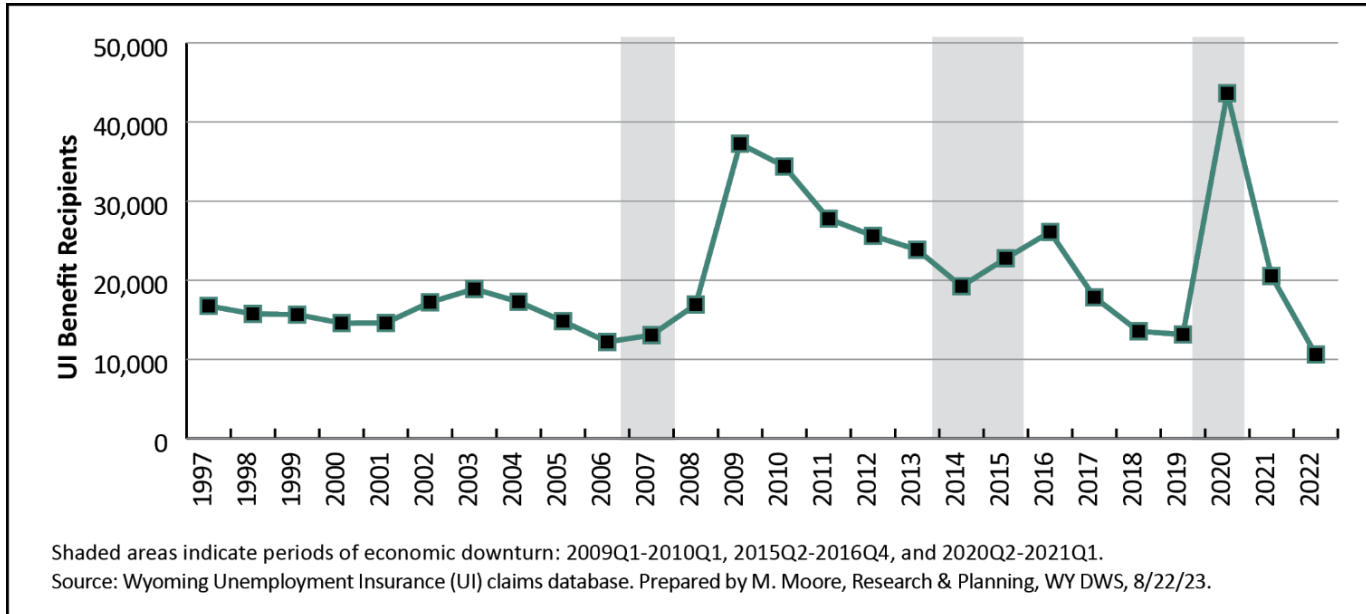


Figure: Wyoming Unemployment Insurance Benefit Recipients, 1997-2022



# 2022 Wyoming Workforce Annual Report

## Chapter 6: Job Openings and Labor Turnover Survey

### Job Openings and Unemployment

- 22,000 job openings in January 2023
- 11,360 unemployed individuals
- 2 job openings for each unemployed person



# 2022 Wyoming Workforce Annual Report

## Chapter 7: Demographics of the Workforce

**Table 7.1: Selected Demographics of Persons Working in Wyoming at Any Time by Gender, 2021-2022**

| Gender                    |                |                |                      |            |
|---------------------------|----------------|----------------|----------------------|------------|
| Gender                    | 2022           | 2021           | Over-the-Year Change |            |
|                           |                |                | N                    | %          |
| Residents                 | 290,383        | 297,524        | -7,141               | -2.4       |
| Women                     | 136,353        | 139,498        | -3,145               | -2.3       |
| Men                       | 154,030        | 158,026        | -3,996               | -2.5       |
| Nonresidents <sup>a</sup> | 56,933         | 43,344         | 13,589               | 31.4       |
| <b>Total</b>              | <b>347,316</b> | <b>340,868</b> | <b>6,448</b>         | <b>1.9</b> |

| Age                       |                |                |                      |            |
|---------------------------|----------------|----------------|----------------------|------------|
| Age Group                 | 2022           | 2021           | Over-the-Year Change |            |
|                           |                |                | N                    | %          |
| Under 20                  | 21,529         | 22,620         | -1,091               | -4.8       |
| 20-24                     | 29,408         | 30,885         | -1,477               | -4.8       |
| 25-34                     | 60,246         | 62,899         | -2,653               | -4.2       |
| 35-44                     | 62,556         | 63,121         | -565                 | -0.9       |
| 45-54                     | 50,802         | 50,605         | 197                  | 0.4        |
| 55+                       | 65,515         | 67,045         | -1,530               | -2.3       |
| Nonresidents <sup>a</sup> | 57,260         | 43,693         | 13,567               | 31.1       |
| <b>Total</b>              | <b>347,316</b> | <b>340,868</b> | <b>6,448</b>         | <b>1.9</b> |

<sup>a</sup>Nonresidents are individuals for whom demographic data are not available.  
 Source: Demographics and Earnings of Persons Working in Wyoming by County, Industry, Age, & Gender, 2001-2022.  
 Prepared by M. Moore, Research & Planning, WY DWS, 5/5/23.





# 2022 Wyoming Workforce Annual Report

## Chapter 7: Demographics of the Workforce

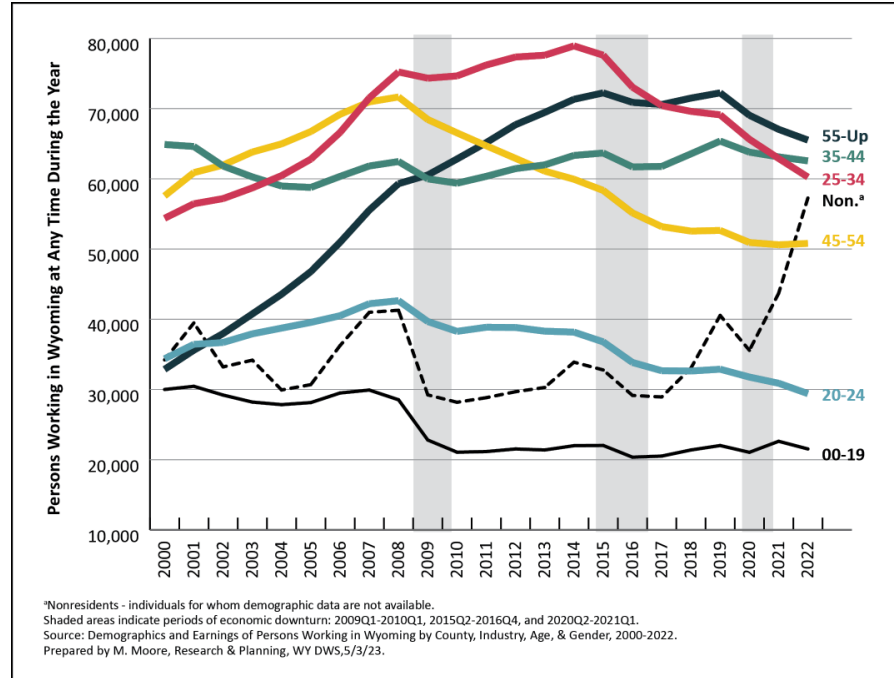


Figure 7.2: Total Number of Persons Working in Wyoming at Any Time by Age, 2000-2022



# 2022 Wyoming Workforce Annual Report

## Chapter 7: Demographics of the Workforce

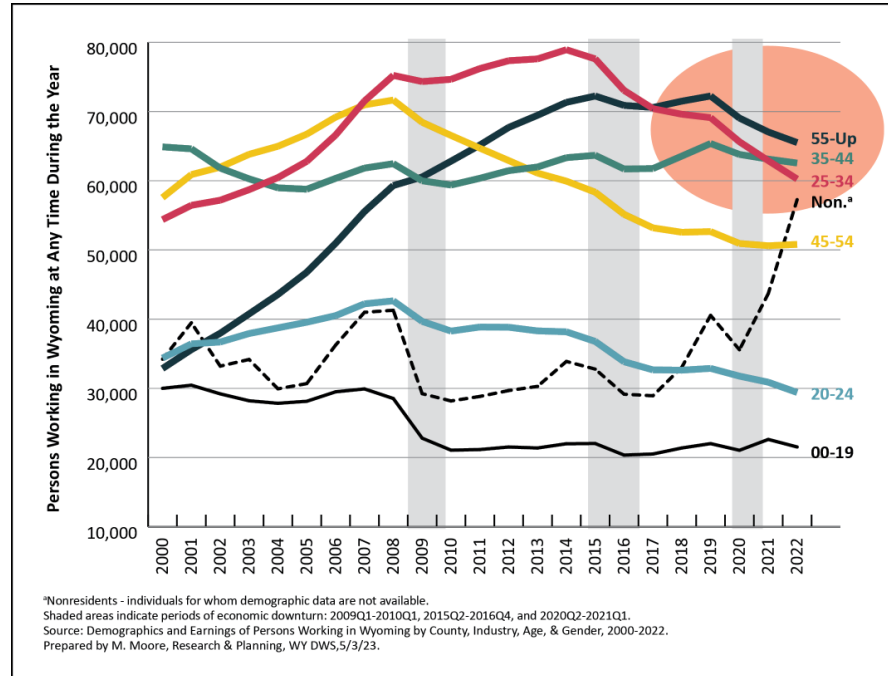


Figure 7.2: Total Number of Persons Working in Wyoming at Any Time by Age, 2000-2022



# 2022 Wyoming Workforce Annual Report

## Chapter 7: Demographics of the Workforce

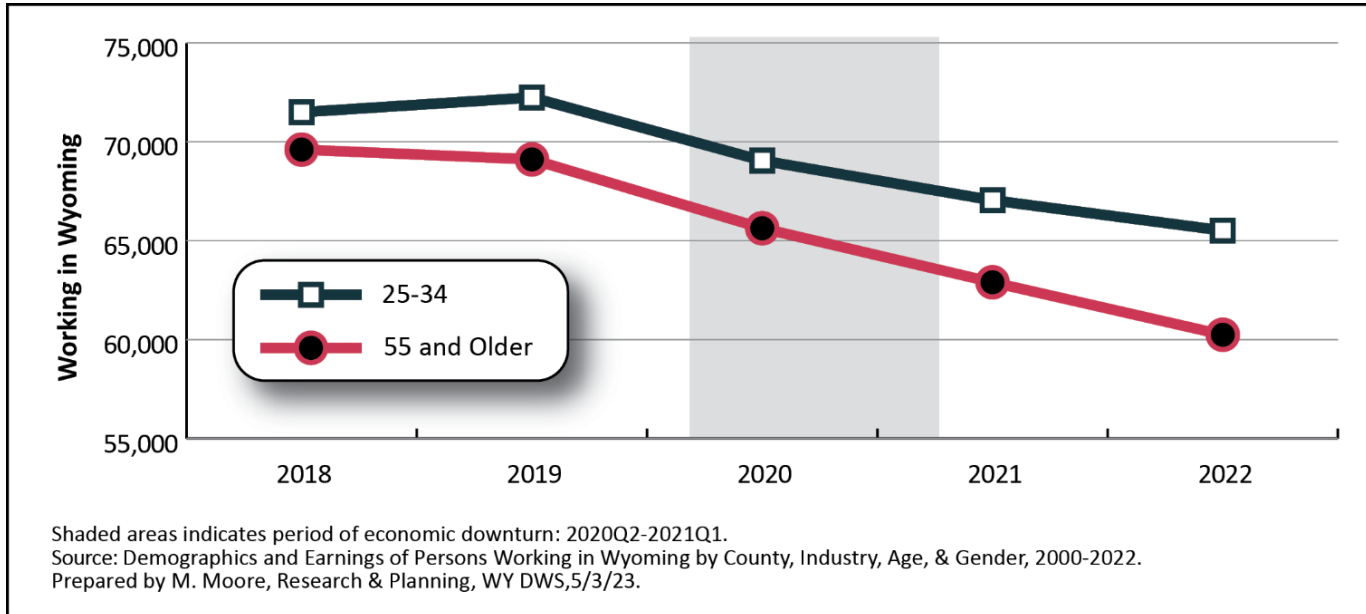


Figure: Persons Ages 25-34 and 55 and Older Working in Wyoming at Any Time During the Year, 2018-2022



# 2022 Wyoming Workforce Annual Report

## Chapter 8: Educational Attainment

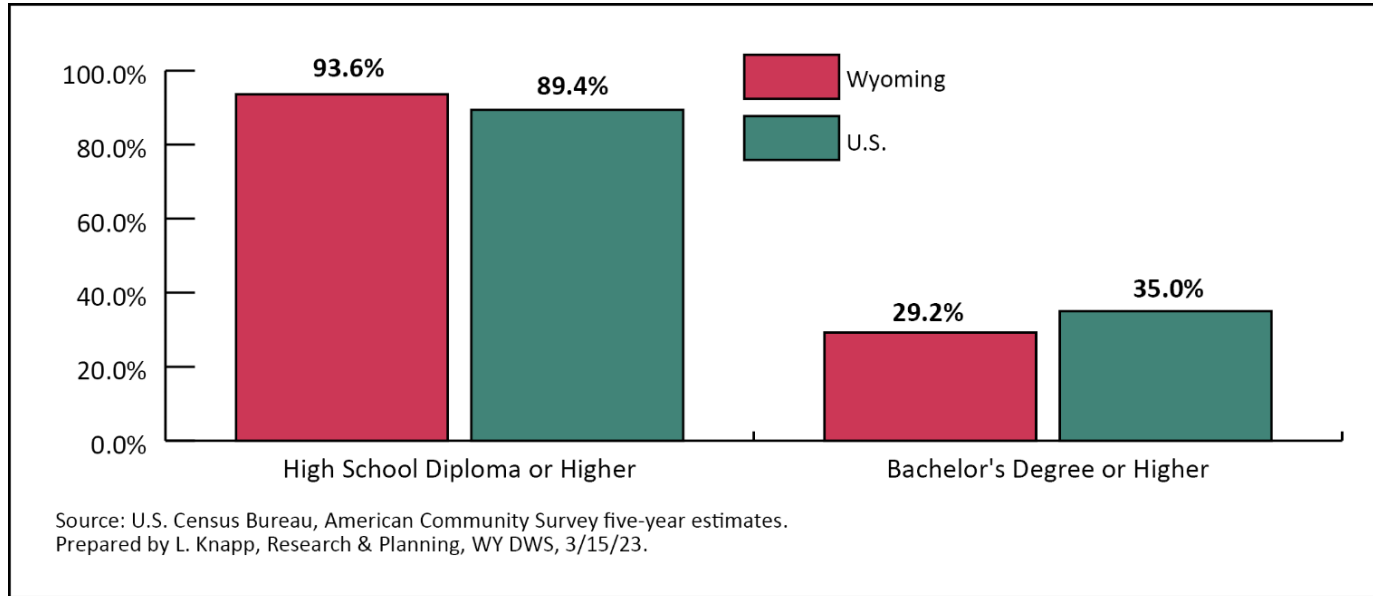


Figure 8.1: Educational Attainment for Wyoming and U.S. Populations, 2021



# 2022 Wyoming Workforce Annual Report

## Chapter 9: Short-Term Employment Projections

### Industry and Occupational Projections

- 2022-2024
- Nearly 6,000 new jobs
- Industries: Mining, health care
- Occupations: roustabouts, heavy & tractor-trailer truck drivers



# 2022 Wyoming Workforce Annual Report

## Chapter 9: Short-Term Employment Projections

### Occupational Projections

Table 9.3: Top 5 Occupations by Total Projected Openings for Wyoming by Educational Requirement, 2022-2024

| SOC Code   | Occupation                                 | Employment    |               | Openings Due to: |              |            | Total        |
|--|--|---------------|---------------|------------------|--------------|------------|--------------|
|  |  | 2022Q2        | 2024Q2        | Exits            | Transfers    | Growth     |              |
| <b>Postsecondary Non-Degree Award or Some College, No Degree</b> |  |               |               |                  |              |            |              |
| 53-3032  | Heavy & Tractor-Trailer Truck Drivers      | 6,597         | 6,871         | 626              | 953          | 274        | 1,853        |
| 43-3031  | Bookkeeping, Accounting, & Auditing Clerks | 3,926         | 4,010         | 532              | 445          | 84         | 1,061        |
| 31-1131  | Nursing Assistants                         | 2,782         | 2,831         | 367              | 475          | 49         | 891          |
| 25-9045  | Teaching Assistants, Except Postsecondary  | 3,620         | 3,650         | 433              | 414          | 30         | 877          |
| 31-9092  | Medical Assistants                         | 981           | 1,021         | 92               | 185          | 40         | 317          |
| <b>Total</b>   |  | <b>27,535</b> | <b>28,179</b> | <b>2,834</b>     | <b>3,654</b> | <b>644</b> | <b>7,132</b> |



# 2022 Wyoming Workforce Annual Report

## Chapter 9: Short-Term Employment Projections

### Industry and Occupational Projections

**UPDATE**

- Long-term projections for sub-state regions, 2020-2030
- New long-term projections next July, 2022-2032



# 2022 Wyoming Workforce Annual Report

## Chapter 10: Occupational Employment and Wage Statistics

### STEM Occupations

- 11,940 STEM jobs in Wyoming
- 4.3% of all jobs
- Higher wages
- Almost all require postsecondary education





# 2022 Wyoming Workforce Annual Report

## Chapter 11: Benefits Survey

### Benefits

- Collects information on types of benefits offered
- 65.2% offered health insurance
- 39.4% offered paid sick leave
- 71.3% offered access to a retirement plan



# 2022 Wyoming Workforce Annual Report

## Chapters 12 and 13: Special Research

### Chapter 12: Multiple Jobholders

- Looks at multiple jobholders in WY and the U.S.

### Chapter 13: Trends and Wages of Teen Drivers

- Follows up on previous research on teen drivers and workers



# 2022 Wyoming Workforce Annual Report

## Chapter 12: Multiple Jobholders in Wyoming and the U.S.

**Table 12.1: Number and Percent of Jobs Held by Persons with at Least One Continuous Job in Wyoming by Gender, 2021Q3**

| Number of Jobs | Women         |              |             | Men            |              |             | Total          |              |              |
|----------------|---------------|--------------|-------------|----------------|--------------|-------------|----------------|--------------|--------------|
|                | N             | Col. %       | Row %       | N              | Col. %       | Row %       | N              | Col. %       | Row %        |
| 1              | 81,926        | 88.5         | 46.2        | 95,412         | 93.3         | 53.8        | 177,338        | 91.0         | 100.0        |
| 2 or More      | 10,632        | 11.5         | 60.7        | 6,895          | 6.7          | 39.3        | 17,527         | 9.0          | 100.0        |
| 2              | 9,321         | 10.1         | 59.9        | 6,243          | 6.1          | 40.1        | 15,564         | 8.0          | 100.0        |
| 3              | 1,118         | 1.2          | 65.8        | 581            | 0.6          | 34.2        | 1,699          | 0.9          | 100.0        |
| 4 or More      | 193           | 0.2          | 73.1        | 71             | 0.1          | 26.9        | 264            | 0.1          | 100.0        |
| <b>Total</b>   | <b>92,558</b> | <b>100.0</b> | <b>47.5</b> | <b>102,307</b> | <b>100.0</b> | <b>52.5</b> | <b>194,865</b> | <b>100.0</b> | <b>100.0</b> |

Source: Wyoming Unemployment Insurance Wage Records database.

Prepared by L. Knapp, Research & Planning, WY DWS, 11/22/22.



# 2022 Wyoming Workforce Annual Report

## Chapter 13: Teen Drivers and Workers

### Changes from 2010 to 2021

- **Decrease** in teen population
- **Increase** in teen drivers
- **Increase** in teen workers



# 2022 Wyoming Workforce Annual Report

## Chapter 14: Census of Fatal Occupational Injuries

### Occupational Fatalities

- 27 in 2021, down from 35 in 2020
- One in three were transportation incidents
- 10 in natural resources & mining
- 7 in construction



# 2022 Wyoming Workforce Annual Report

## Chapter 15: Survey of Occupational Injuries and Illnesses

### Occupational Injuries

- Rate of 3.1% in 2021
- Highest incidence rates were related to health care
- Local government nursing & residential care facilities  
– 14.0



# LMI for Workforce Centers

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