

Wyoming Growing and Declining Industries Report

First Quarter 2021

Prepared by: Michael Moore, Editor
Research & Planning, Wyoming Department of Workforce Services

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Wyoming Department of Workforce Services

Robin Sessions Cooley, Director

Research & Planning

Tony Glover, Manager

Carola Cowan, Bureau of Labor Statistics Programs Supervisor

Prepared by:

Michael Moore, Editor

Editorial Committee:

David Bullard, Matthew Halama, Lisa Knapp, Aubrey Kofoed, Chris McGrath, Michael Moore, and Laura Yetter

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Research & Planning

P.O. Box 2760

Casper, WY 82602

Phone: (307) 473-3807

Fax: (307) 473-3834

R&P Website: <https://doe.state.wy.us/LMI/>**Growing and Declining Industries:** <https://doe.state.wy.us/LMI/industries.htm>**URL for this report:** https://doe.state.wy.us/LMI/G_DInd/Report_21Q1.pdf**“Your Source for Wyoming Labor Market Information”**

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Research & Planning (R&P) functions as an exclusively statistical entity within the Wyoming Department of Workforce Services. R&P collects, analyzes, and publishes timely and accurate labor market information (LMI) meeting established statistical standards. We work to make the labor market more efficient by providing the public and the public's representatives with the information needed for evidence-based, informed decision making.



Wyoming Growing and Declining Industries Report, 2021Q1

by: Michael Moore, Editor

A growing or declining industry is defined as an industry's employment level increasing or decreasing for two quarters by 5% or more over the year. For example, all industries that grew or declined in employment by at least 5% from 2019Q4 to 2020Q4 and subsequently from 2020Q1 to 2021Q1 were included in the respective tables in this report.

Industries are defined by the North American Industry Classification System (NAICS). For this research, growing and declining industries are determined at the three-digit subsector level. For more information on NAICS, please see <http://www.census.gov/epcd/www/naics.html>.

The database used to generate this information was the Quarterly Census of Employment and Wages (QCEW) file, which has roughly a half-year time lag from the distribution of this report. Every quarter, when new QCEW data become available, growing and declining industry information is updated. Only subsector employment sizes of 100 or more are included in these lists. Consequently, while employment in other industries may meet the growth criteria, that growth is taking place in industries with employment of less than 100.

For example, on the growing industry table (see Table 1, page 4), the average monthly employment for food & beverage stores (NAICS 445) grew by 5.2% (244 jobs) over the year in 2021Q1 and 5.5% (262 jobs) in 2020Q4, thus qualifying as a growing industry for 2021Q1. The average growth rate for 2020Q4 and 2021Q1 for

Growing and Declining Industries

Historical growing and declining industry data for Wyoming are now available online at https://doe.state.wy.us/LMI/G_DInd/G_D_Industries.htm.

NAICS 445 was 5.3%. Other growing industries included food manufacturing (NAICS 311; 17.2%), primary metal manufacturing (NAICS 331; 7.6%), building material & garden supply stores (NAICS 444; 7.6%), and couriers & messengers (NAICS 492; 17.9%). A feature article on couriers & messengers is presented on page 9 of this publication.

Overall, Wyoming had seven growing industries in 2021Q1, which accounted for 8.2% of all industries and 5.6% of total employment (see Table 3 and Figure 1, page 8).

The declining industry table (see Table 2, page 5) reads the same way, except with negative changes, and therefore, declining industries. There were 24 declining industries in 2021Q1, which made up 28.3% of all industries and 19.4% of the state's total employment. Declining industries included support activities for mining (NAICS 213; -4,066 jobs in 2021Q1, with an average rate of change of -49.2%), heavy & civil engineering construction (NAICS 237; -2,287 jobs in 2021Q1, with an average rate of change of -32.7%), and accommodation (NAICS 721; -1,882 jobs in 2021Q1, with an average rate of change of -18.2%).

The average weekly wage is calculated by

dividing the total wage for the industry group by the total number of jobs for the industry group and number of weeks in the observed quarter. In 2021Q1, the average weekly wage was \$695 for growing industries and \$1,196 for declining industries (see Table 3 and Figure 2, page 8). Overall, the state's average weekly wage was \$951.

Table 1: Growing Industries Report for Wyoming, First Quarter 2021

| Subsector ^a (3-Digit NAICS ^b) | Sector (2-Digit NAICS) | Employment (Current Quarter) | | | | Employment (Prior Quarter) | | | | Growing Industries | |
|---|--------------------------------------|---------------------------------|---------------|-------------------------|------------|-------------------------------|---------------|-------------------------|------------|-------------------------------|-------------------------------------|
| | | 2021Q1 | 2020Q1 | Over-the-Year Change | | 2020Q4 | 2019Q4 | Over-the-Year Change | | Avg. % Change ^c | Avg. Weekly Wage ^d |
| | | | | N | % | | | N | % | | |
| Food Manufacturing (311) | Manufacturing (31-33) | 737 | 584 | 153 | 26.2 | 861 | 796 | 65 | 8.2 | 17.2 | \$649 |
| Primary Metal Manufacturing (331) | Manufacturing (31-33) | 117 | 108 | 9 | 8.3 | 110 | 103 | 7 | 6.8 | 7.6 | \$1,220 |
| Building Material & Garden Supply Stores (444) | Retail Trade (44-45) | 3,561 | 3,337 | 224 | 6.7 | 3,698 | 3,409 | 289 | 8.5 | 7.6 | \$634 |
| Food & Beverage Stores (445) | Retail Trade (44-45) | 4,945 | 4,701 | 244 | 5.2 | 5,028 | 4,766 | 262 | 5.5 | 5.3 | \$552 |
| Couriers & Messengers (492) | Transportation & Warehousing (48-49) | 1,359 | 1,157 | 202 | 17.5 | 1,411 | 1,192 | 219 | 18.4 | 17.9 | \$784 |
| Warehousing & Storage (493) | Transportation & Warehousing (48-49) | 2,069 | 1,926 | 143 | 7.4 | 1,987 | 1,870 | 117 | 6.3 | 6.8 | \$773 |
| National Security & International Affairs (928) | Public Administration (92) | 1,324 | 1,242 | 82 | 6.6 | 1,334 | 1,224 | 110 | 9.0 | 7.8 | \$1,160 |
| Total | Total | 14,110 | 13,053 | 1,057 | 8.1 | 14,426 | 13,358 | 1,068 | 8.0 | 8.0 | \$695 |

^aIncludes both public and privately owned firms.

^bNorth American Industry Classification System.

^cThe percentage for average change is the employment-weighted average percentage change of the current and prior quarters (employment change current quarter + employment change prior quarter) divided by the employment for the current and prior quarters (employment current quarter + employment prior quarter).

^dThe average weekly wage is calculated by dividing the total wage for the industry group by the total number of jobs for the industry group and the number of weeks in the observed quarter. Please be aware that average weekly wages at the industry group level are susceptible to wage bias due to sample size, occupational distributions, seasonal pay and bonuses, and keying error.

The average weekly wage for all growing industries in 2021Q1 was \$695.

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 8/9/21.

Table 2: Declining Industries Report for Wyoming, First Quarter 2021

| Subsector ^a (3-Digit NAICS ^b) | Sector (2-Digit NAICS) | Employment (Current Quarter) | | | | Employment (Prior Quarter) | | | | Declining Industries | |
|---|---------------------------|---------------------------------|--------|-------------------------|-------|-------------------------------|--------|-------------------------|-------|-------------------------------|-------------------------------------|
| | | 2021Q1 | 2020Q1 | Over-the-Year Change | | 2020Q4 | 2019Q4 | Over-the-Year Change | | Avg. % Change ^c | Avg. Weekly Wage ^d |
| Oil & Gas Extraction (211) | Mining (21) | 2,249 | 2,851 | -602 | -21.1 | 2,704 | 2,869 | -165 | -5.8 | -13.4 | \$2,646 |
| Mining, Except Oil & Gas (212) | Mining (21) | 7,093 | 7,907 | -814 | -10.3 | 7,221 | 7,784 | -563 | -7.2 | -8.8 | \$1,832 |
| Support Activities For Mining (213) | Mining (21) | 4,872 | 8,938 | -4,066 | -45.5 | 4,636 | 9,831 | -5,195 | -52.8 | -49.2 | \$1,310 |
| Heavy & Civil Engineering Construction (237) | Construction (23) | 4,074 | 6,361 | -2,287 | -36.0 | 5,329 | 7,546 | -2,217 | -29.4 | -32.7 | \$1,179 |
| Printing & Related Support Activities (323) | Manufacturing (31-33) | 196 | 216 | -20 | -9.3 | 201 | 224 | -23 | -10.3 | -9.8 | \$501 |
| Petroleum & Coal Products Manufacturing (324) | Manufacturing (31-33) | 1,188 | 1,330 | -142 | -10.7 | 1,199 | 1,313 | -114 | -8.7 | -9.7 | \$2,944 |
| Fabricated Metal Product Manufacturing (332) | Manufacturing (31-33) | 1,580 | 1,694 | -114 | -6.7 | 1,581 | 1,670 | -89 | -5.3 | -6.0 | \$1,057 |
| Machinery Manufacturing (333) | Manufacturing (31-33) | 615 | 703 | -88 | -12.5 | 604 | 732 | -128 | -17.5 | -15.0 | \$1,172 |
| Computer & Electronic Product Manufacturing (334) | Manufacturing (31-33) | 218 | 294 | -76 | -25.9 | 204 | 338 | -134 | -39.6 | -32.7 | \$1,004 |
| Transportation Equipment Manufacturing (336) | Manufacturing (31-33) | 229 | 251 | -22 | -8.8 | 221 | 233 | -12 | -5.2 | -7.0 | \$909 |

^aIncludes both public and privately owned firms.

^bNorth American Industry Classification System.

^cThe percentage for average change is the employment-weighted average percentage change of the current and prior quarters (employment change current quarter + employment change prior quarter) divided by the employment for the current and prior quarters (employment current quarter + employment prior quarter).

^dThe average weekly wage is calculated by dividing the total wage for the industry group by the total number of jobs for the industry group and the number of weeks in the observed quarter. Please be aware that average weekly wages at the industry group level are susceptible to wage bias due to sample size, occupational distributions, seasonal pay and bonuses, and keying error.

The average weekly wage for all declining industries in 2021Q1 was \$1,196.

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 8/9/21.

(Table continued on page 6)

(Table continued from page 5)

Table 2: Declining Industries Report for Wyoming, First Quarter 2021

| Subsector ^a (3-Digit NAICS ^b) | Sector (2-Digit NAICS) | Employment (Current Quarter) | | | | Employment (Prior Quarter) | | | | Declining Industries | |
|---|--|---------------------------------|--------|-------------------------|-------|-------------------------------|--------|-------------------------|-------|-------------------------------|-------------------------------------|
| | | 2021Q1 | 2020Q1 | Over-the-Year Change | | 2020Q4 | 2019Q4 | Over-the-Year Change | | Avg. % Change ^c | Avg. Weekly Wage ^d |
| Merchant Wholesalers, Durable Goods (423) | Wholesale Trade (42) | 4,426 | 5,240 | -814 | -15.5 | 4,499 | 5,314 | -815 | -15.3 | -15.4 | \$1,296 |
| Merchant Wholesalers, Nondurable Goods (424) | Wholesale Trade (42) | 2,710 | 2,896 | -186 | -6.4 | 2,748 | 2,953 | -205 | -6.9 | -6.7 | \$1,103 |
| Truck Transportation (484) | Transportation & Warehousing (48-49) | 3,425 | 3,853 | -428 | -11.1 | 3,442 | 4,144 | -702 | -16.9 | -14.0 | \$1,010 |
| Transit & Ground Passenger Transportation (485) | Transportation & Warehousing (48-49) | 424 | 506 | -82 | -16.2 | 406 | 552 | -146 | -26.4 | -21.3 | \$516 |
| Publishing Industries, Except Internet (511) | Information (51) | 610 | 742 | -132 | -17.8 | 614 | 786 | -172 | -21.9 | -19.8 | \$729 |
| Motion Picture & Sound Recording Industries (512) | Information (51) | 282 | 452 | -170 | -37.6 | 298 | 455 | -157 | -34.5 | -36.1 | \$501 |
| Broadcasting, Except Internet (515) | Information (51) | 314 | 360 | -46 | -12.8 | 314 | 370 | -56 | -15.1 | -14.0 | \$704 |
| Other Information Services (519) | Information (51) | 573 | 613 | -40 | -6.5 | 574 | 622 | -48 | -7.7 | -7.1 | \$646 |
| Rental & Leasing Services (532) | Real Estate & Rentail & Leasing (53) | 1,414 | 1,777 | -363 | -20.4 | 1,449 | 1,845 | -396 | -21.5 | -20.9 | \$938 |

^aIncludes both public and privately owned firms.^bNorth American Industry Classification System.^cThe percentage for average change is the employment-weighted average percentage change of the current and prior quarters (employment change current quarter + employment change prior quarter) divided by the employment for the current and prior quarters (employment current quarter + employment prior quarter).^dThe average weekly wage is calculated by dividing the total wage for the industry group by the total number of jobs for the industry group and the number of weeks in the observed quarter. Please be aware that average weekly wages at the industry group level are susceptible to wage bias due to sample size, occupational distributions, seasonal pay and bonuses, and keying error.

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Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 8/9/21.

(Table continued on page 7)

(Table continued from page 6)

Table 2: Declining Industries Report for Wyoming, First Quarter 2021

| Subsector ^a (3-Digit NAICS ^b) | Sector (2-Digit NAICS) | Employment (Current Quarter) | | | | Employment (Prior Quarter) | | | | Declining Industries | |
|---|--|---------------------------------|---------------|-------------------------|--------------|-------------------------------|---------------|-------------------------|--------------|-------------------------------|-------------------------------------|
| | | 2021Q1 | 2020Q1 | Over-the-Year Change | | 2020Q4 | 2019Q4 | Over-the-Year Change | | Avg. % Change ^c | Avg. Weekly Wage ^d |
| | | | | N | % | | | N | % | | |
| Waste Management & Remediation Services (562) | Administrative & Waste Services (56) | 794 | 840 | -46 | -5.5 | 816 | 860 | -44 | -5.1 | -5.3 | \$861 |
| Performing Arts & Spectator Sports (711) | Arts, Entertainment, & Recreation (71) | 374 | 433 | -59 | -13.6 | 399 | 470 | -71 | -15.1 | -14.4 | \$569 |
| Accommodation (721) | Accommodation & Food Services (72) | 9,745 | 11,627 | -1,882 | -16.2 | 9,178 | 11,509 | -2,331 | -20.3 | -18.2 | \$574 |
| Personal & Laundry Services (812) | Other Services, Except Public Administration | 1,548 | 1,701 | -153 | -9.0 | 1,594 | 1,714 | -120 | -7.0 | -8.0 | \$508 |
| Private Households (814) | Other Services, Except Public Administration | 280 | 328 | -48 | -14.6 | 313 | 336 | -23 | -6.8 | -10.7 | \$631 |
| Total | Total | 49,227 | 61,906 | -12,679 | -20.5 | 50,538 | 64,465 | -13,927 | -21.6 | -21.0 | \$1,196 |

^aIncludes both public and privately owned firms.^bNorth American Industry Classification System.^cThe percentage for average change is the employment-weighted average percentage change of the current and prior quarters (employment change current quarter + employment change prior quarter) divided by the employment for the current and prior quarters (employment current quarter + employment prior quarter).^dThe average weekly wage is calculated by dividing the total wage for the industry group by the total number of jobs for the industry group and the number of weeks in the observed quarter. Please be aware that average weekly wages at the industry group level are susceptible to wage bias due to sample size, occupational distributions, seasonal pay and bonuses, and keying error.

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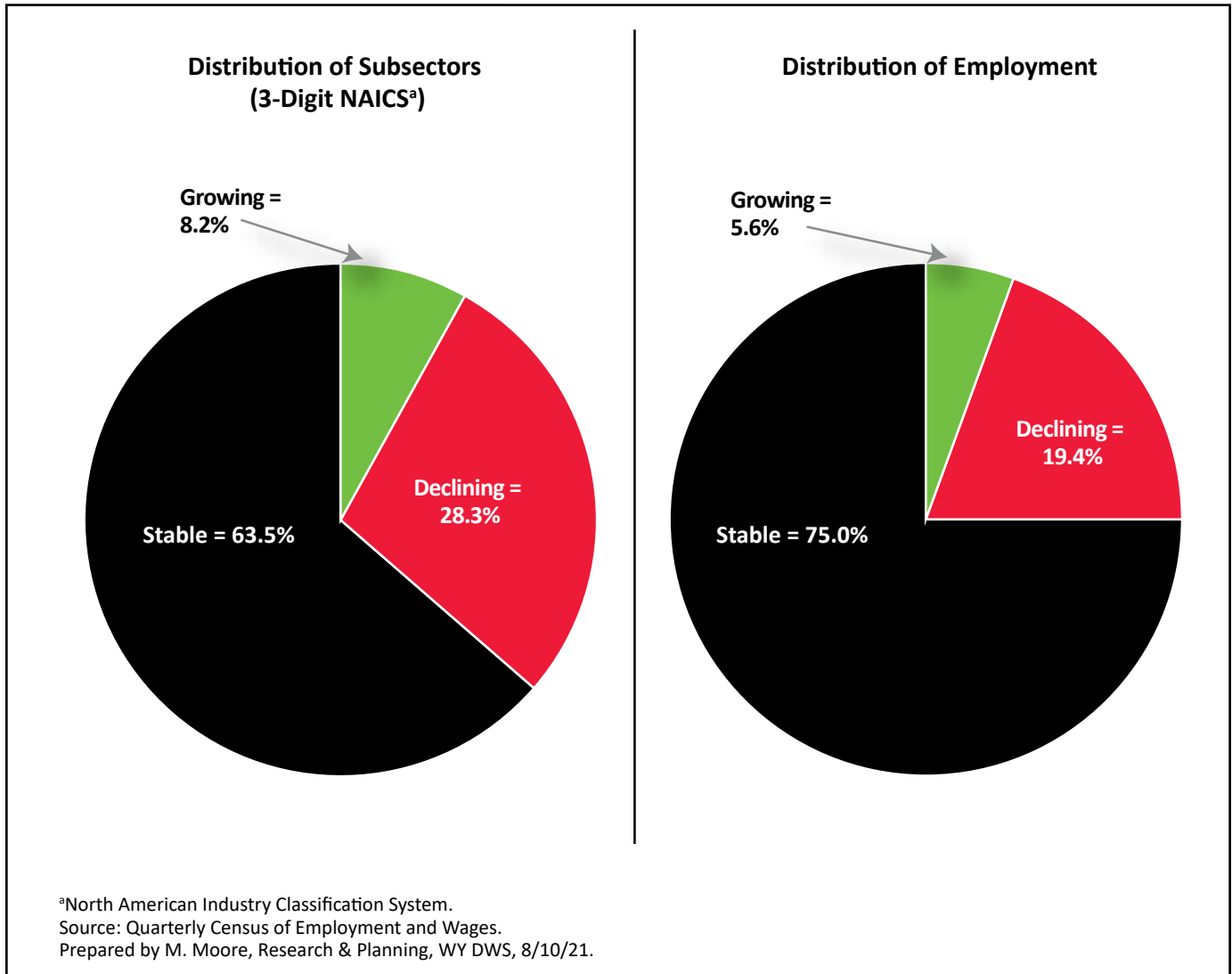


Figure 1: Distribution of Growing and Declining Industries (NAICS 3-Digit Subsector) in Wyoming, 2021Q1

Table 3: Distribution of Sectors and Employment by Growing/Declining Status in Wyoming, 2021Q1

| Status | Subsectors (3-Digit NAICS) | | Employment | | Average Weekly Wage |
|--------------|-------------------------------|--------------|----------------|--------------|---------------------------|
| | N | % | N | % | |
| Growing | 7 | 8.2 | 14,112 | 5.6 | \$695 |
| Declining | 24 | 28.3 | 49,233 | 19.4 | \$1,196 |
| Stable | 54 | 63.5 | 190,612 | 75.0 | \$906 |
| Total | 85 | 100.0 | 253,957 | 100.0 | \$951 |

Source: Quarterly Census of Employment and Wages.
Prepared by M. Moore, Research & Planning, WY DWS, 8/9/21.

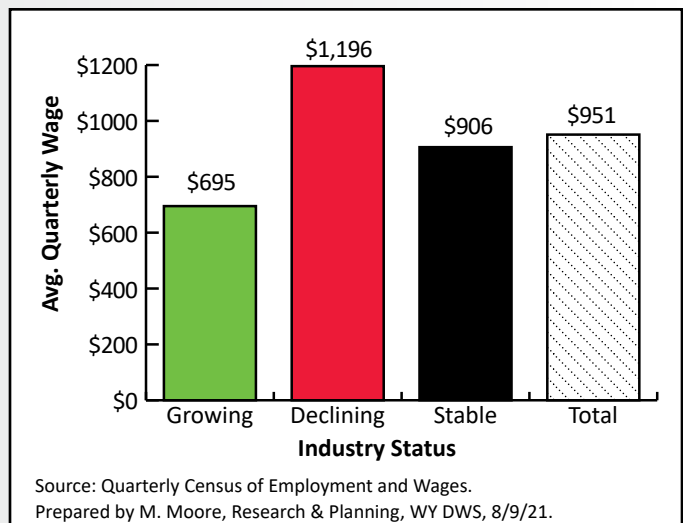


Figure 2: Average Weekly Wage of Growing and Declining Industries in Wyoming, 2021Q1

Growing Industry Spotlight: Couriers & Messengers (NAICS 492)

by: Carol Touns, Senior Statistician

Excerpted from Wyoming Labor Force Trends, July 2021.

The industry subsector titled "couriers & messengers," which is given the North American Industry Classification System (NAICS) code 492, is listed in this report as a growing industry in Wyoming (see page 3 for definitions). The full article is available in the July 2021 issue of *Wyoming Labor Force Trends* online at <https://doe.state.wy.us/LMI/trends/0721/0721.pdf#page=16>.

Some business activities included in this group are air courier services, courier services, express delivery services, local letter & parcel delivery services, and letters, documents, & small parcels local delivery services. The numbers discussed in this article are for private industry and thus, the U.S. Postal Service is not included in this industry group.

Statewide Wyoming quarterly data included in this article are total payroll, average monthly number of employees, average weekly wage, and number of businesses. Information presented in this overview was obtained from the quarterly Wyoming Unemployment Insurance reports and compiled by the Quarterly Census of Employment and Wages (QCEW) program, which is administered by the Research & Planning (R&P) section of the Wyoming Department of Workforce Services. The data discussed in this article are available online at https://doe.state.wy.us/LMI/toc_202.htm.

During the period from second quarter 2002 (2002Q2) to second quarter 2020 (2020Q2), nearly all of the periods reviewed showed increased payroll each year, based on data from the Quarterly Census of

Employment and Wages (QCEW). The highest over-the-year growth in payroll during this time was seen in 2014Q2 (\$1.0 million, or 12.2%), 2020Q2 (\$746,504, or 6.5%), and 2019Q2 (\$718,185, or 6.6%).

Overall, from 2000Q2 to 2020Q2, total payroll rose from approximately \$5.2 million to almost \$12.3 million, which was an increase of just over \$7.0 million, or 136.1%.

There were 14 periods in which the average monthly number of employees increased, while five periods showed slightly declining employment numbers. One quarter (2011Q2) did not see any change. The greatest over-the-year increases in employment were seen in 2020Q2 (97, or 9.7%) and 2014Q2 (64, or 8.0%).

In summary, from 2000Q2 to 2020Q2, the average number of monthly employees rose from 671 to 1,102 (431, or 64.2%).

Of the 20 periods reviewed for changes, six showed losses in average weekly wage. The largest reduction occurred during 2015Q2 (-\$47, or -5.5%). The other 14 periods all showed increasing average weekly wages, with the highest increase in 2006Q2 (\$52, or 7.5%).

Couriers & messengers showed an average weekly wage of \$596 for 2000Q2 and by 2020Q2 this had grown to \$857, a gain of \$261, or 43.8%.

The number of businesses covered by Unemployment Insurance increased from 46 in 2000Q2 to 63 in 2020Q2, a gain of 17 (37.0%) locations during the 20-year period.

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**Research & Planning
P.O. Box 2760
Casper, WY 82602
Phone: (307) 473-3807
Fax: (307) 473-3834
Website: <https://doe.state.wy.us/LMI>
Email: dws-researchplanning@wyo.gov**

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