

# **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 Growing and Declining Industries Report, First Quarter 2021

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## Who We Are

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](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 <sup>a</sup> (3-Digit NAICS <sup>b</sup> )	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Growing Industries	
		2021Q1	2020Q1	N	%	2020Q4	2019Q4	N	%	Avg. % Change <sup>c</sup>	Avg. Weekly Wage <sup>d</sup>
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 & Ware- housing (48-49)	1,359	1,157	202	17.5	1,411	1,192	219	18.4	17.9	\$784
Warehousing & Storage (493)	Transportation & Ware- housing (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
<b>Total</b>	<b>Total</b>	<b>14,110</b>	<b>13,053</b>	<b>1,057</b>	<b>8.1</b>	<b>14,426</b>	<b>13,358</b>	<b>1,068</b>	<b>8.0</b>	<b>8.0</b>	<b>\$695</b>

<sup>a</sup>Includes both public and privately owned firms.

<sup>b</sup>North American Industry Classification System.

<sup>c</sup>The 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).

<sup>d</sup>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 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 <sup>a</sup> (3-Digit NAICS <sup>b</sup> )	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2021Q1	2020Q1	N	%	2020Q4	2019Q4	N	%	Avg. % Change <sup>c</sup>	Avg. Weekly Wage <sup>d</sup>
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

<sup>a</sup>Includes both public and privately owned firms.

<sup>b</sup>North American Industry Classification System.

<sup>c</sup>The 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).

<sup>d</sup>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 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 <sup>a</sup> (3-Digit NAICS <sup>b</sup> )	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2021Q1	2020Q1	N	%	2020Q4	2019Q4	N	%	Avg. % Change <sup>c</sup>	Avg. Weekly Wage <sup>d</sup>
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

<sup>a</sup>Includes both public and privately owned firms.<sup>b</sup>North American Industry Classification System.<sup>c</sup>The 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).<sup>d</sup>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 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 &amp; 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 <sup>a</sup> (3-Digit NAICS <sup>b</sup> )	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 <sup>c</sup>	Avg. Weekly Wage <sup>d</sup>
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
<b>Total</b>	<b>Total</b>	<b>49,227</b>	<b>61,906</b>	<b>-12,679</b>	<b>-20.5</b>	<b>50,538</b>	<b>64,465</b>	<b>-13,927</b>	<b>-21.6</b>	<b>-21.0</b>	<b>\$1,196</b>

<sup>a</sup>Includes both public and privately owned firms.<sup>b</sup>North American Industry Classification System.<sup>c</sup>The 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).<sup>d</sup>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 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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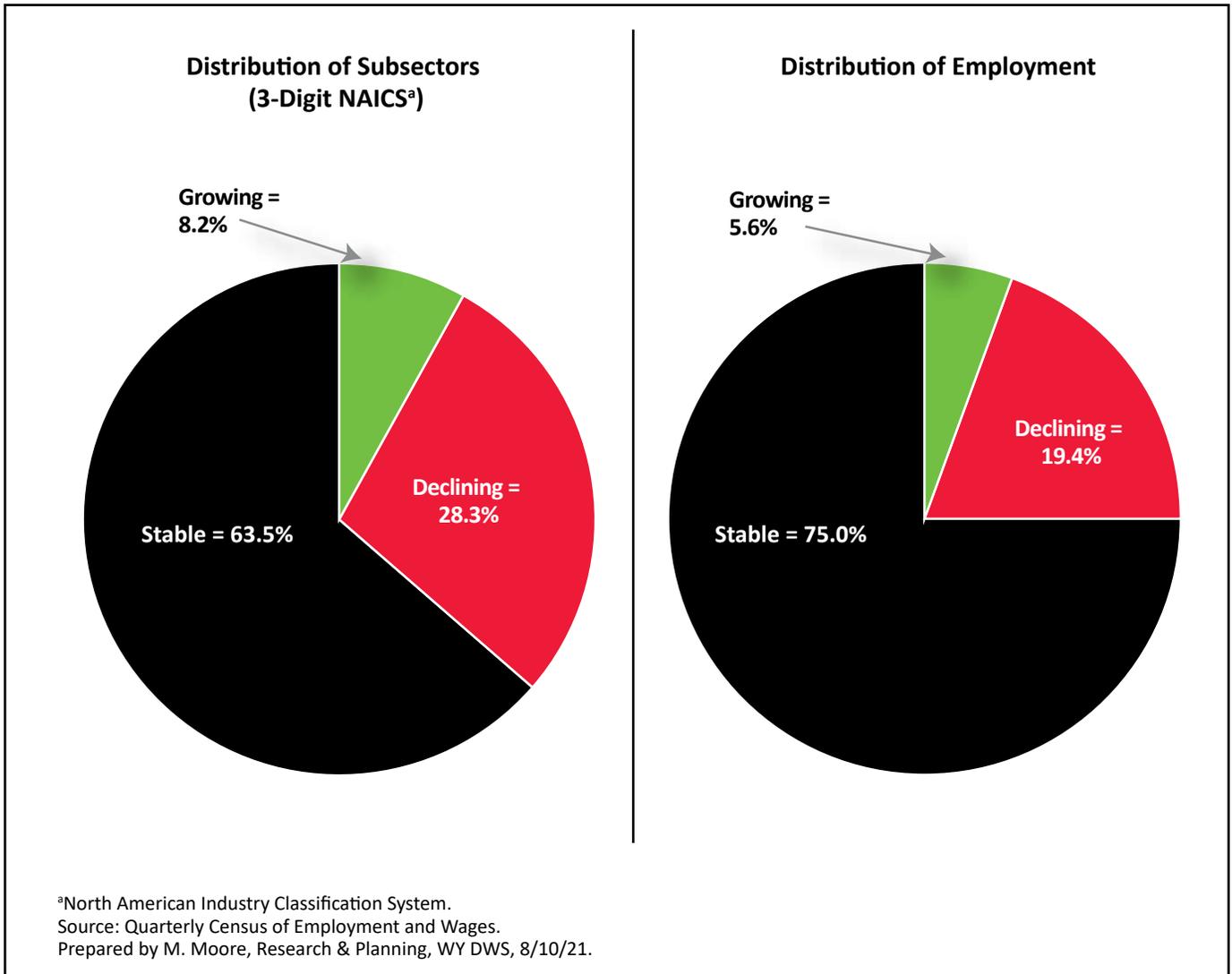


Figure 1: Distribution of Growing and Declining Industries (NAICS 3-Digit Subsector) in Wyoming, 2021Q1

**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
<b>Total</b>	<b>85</b>	<b>100.0</b>	<b>253,957</b>	<b>100.0</b>	<b>\$951</b>

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

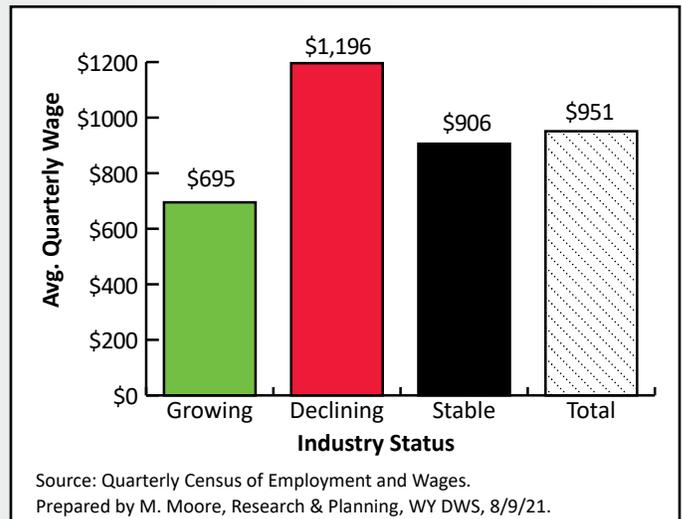


Figure 2: Average Weekly Wage of Growing and Declining Industries in Wyoming, 2021Q1

## Growing Industry Spotlight: Couriers & Messengers (NAICS 492)

by: Carol Toups, 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](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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