

Wyoming Growing and Declining Industries Report

Second Quarter 2020

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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, 2020Q2

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 2019Q1 to 2020Q1 and subsequently from 2019Q2 to 2020Q2 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 such 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 building material & garden supply stores (NAICS 441) grew by 8.0% (274 jobs) over the year in 2020Q2 and 5.2% (166 jobs) over the year in 2020Q1, thus qualifying as a growing industry for 2020Q1. The average growth rate for 2020Q1 and 2020Q2 for NAICS

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.

441 was 6.6%. The other two growing industries were support activities for transportation (NAICS 488; 6.6%) and couriers & messengers (NAICS 492; 9.8%). Overall, Wyoming had just three growing industries in 2020Q2, which accounted for 4.7% of all industries and 2.6% of total employment (see Table 3 and Figure 1, page 7).

The declining industry table (see Table 2, page 5) reads the same way, except with negative changes, and therefore, declining industries. There were 17 declining industries 2020Q2, which made up 20.0% of all industries and 6.3% of the state's total employment. Declining industries included support activities for mining (NAICS 213; -4,040 jobs in 2020Q2, with an average rate of change of -25.4%), rental & leasing services (NAICS 532; -450, or -15.3%), and miscellaneous store retailers (NAICS 453; -256, or -11.9%).

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. The average weekly wage was \$753 for growing industries and \$1,295 for declining industries (see Table 3 and Figure 2, page 7). Overall, the state's average weekly wage was \$964.

Table 1: Growing Industries Report for Wyoming, Second Quarter 2020

Subsector ^a (3-Digit NAICS ^b)	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Growing Industries	
		2020Q2	2019Q2	N	%	2020Q1	2019Q1	N	%	Avg. % Change ^c	Avg. Weekly Wage ^d
Building material & garden supply stores (444)	Retail Trade (44-45)	3,711	3,437	274	8.0	3,337	3,171	166	5.2	6.6	\$603
Support activities for transportation (488)	Transportation & Warehousing (48-49)	1,723	1,546	177	11.4	1,720	1,502	218	14.5	13.0	\$1,010
Couriers & messengers (492)	Transportation & Warehousing (48-49)	1,102	1,005	97	9.7	1,157	1,053	104	9.9	9.8	\$856
Total	Total	6,535	5,988	547	9.1	6,213	5,725	488	8.5	8.8	\$753

^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 2020Q2 was \$753.

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 11/5/20.

Table 2: Declining Industries Report for Wyoming, Second Quarter 2020

Subsector ^a (3-Digit NAICS ^b)	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2020Q2	2019Q2	N	%	2020Q1	2019Q1	N	%	Avg. % Change ^c	Avg. Weekly Wage ^d
Agriculture & forestry support activities (115)	Agriculture, forestry, fishing & hunting (11)	306	339	-33	-9.7	224	236	-12	-5.1	-7.4	\$709
Oil & gas extraction (211)	Mining (21)	2,760	2,959	-199	-6.7	2,852	3,036	-184	-6.1	-6.4	\$1,961
Support activities for mining (213)	Mining (21)	5,948	9,988	-4,040	-40.4	8,937	9,978	-1,041	-10.4	-25.4	\$1,493
Computer & electronic product mfg. (334)	Manufacturing (31-33)	247	343	-96	-28.0	294	331	-37	-11.2	-19.6	\$1,131
Furniture & related product mfg. (337)	Manufacturing (31-33)	177	196	-19	-9.7	175	190	-15	-7.9	-8.8	\$607
Miscellaneous mfg. (339)	Manufacturing (31-33)	124	138	-14	-10.1	136	149	-13	-8.7	-9.4	\$724
Electronic markets & agents & brokers (425)	Wholesale Trade (42)	115	133	-18	-13.5	117	138	-21	-15.2	-14.4	\$1,515
Electronics & appliance stores (443)	Retail Trade (44-45)	621	691	-70	-10.1	665	721	-56	-7.8	-8.9	\$760
Miscellaneous store retailers (453)	Retail Trade (44-45)	1,331	1,587	-256	-16.1	1,419	1,537	-118	-7.7	-11.9	\$462
Air transportation (481)	Transportation & Warehousing (48-49)	280	456	-176	-38.6	351	561	-210	-37.4	-38.0	\$1,101
Transit & ground passenger trans. (485)	Transportation & Warehousing (48-49)	399	556	-157	-28.2	506	543	-37	-6.8	-17.5	\$495

^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 2020Q2 was \$1,295.

Source: Quarterly Census of Employment and Wages.

Prepared by S. Wen and M. Moore, Research & Planning, WY DWS, 11/5/20.

(Table continued on page 6)

(Table continued from page 5)

Table 2: Declining Industries Report for Wyoming, Second Quarter 2020

Subsector ^a (3-Digit NAICS ^b)	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2020Q2	2019Q2	Over-the-Year Change		2020Q1	2019Q1	Over-the-Year Change		Avg. % Change ^c	Avg. Weekly Wage ^d
Publishing industries, except Internet (511)	Information (51)	644	820	-176	-21.5	742	803	-61	-7.6	-14.5	\$674
Broadcasting, except Internet (515)	Information (51)	337	381	-44	-11.5	360	384	-24	-6.3	-8.9	\$710
ISPs, search portals, & data processing (518)	Information (51)	137	194	-57	-29.4	140	202	-62	-30.7	-30.0	\$1,171
Rental & leasing services (532)	Real Estate & Rental & Leasing (53)	1,459	1,909	-450	-23.6	1,771	1,906	-135	-7.1	-15.3	\$1,079
Management of companies & enterprises (551)	Management of Companies & Enterprises (55)	682	859	-177	-20.6	757	860	-103	-12.0	-16.3	\$1,767
Private households (814)	Other Services, Except Public Admin. (81)	299	368	-69	-18.8	327	360	-33	-9.2	-14.0	\$610
Total	Total	15,859	21,911	-6,052	-27.6	19,769	21,930	-2,161	-9.9	-18.7	\$1,295

^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 2020Q2 was \$1,295.

Source: Quarterly Census of Employment and Wages.

Prepared by S. Wen and M. Moore, Research & Planning, WY DWS, 11/5/20.

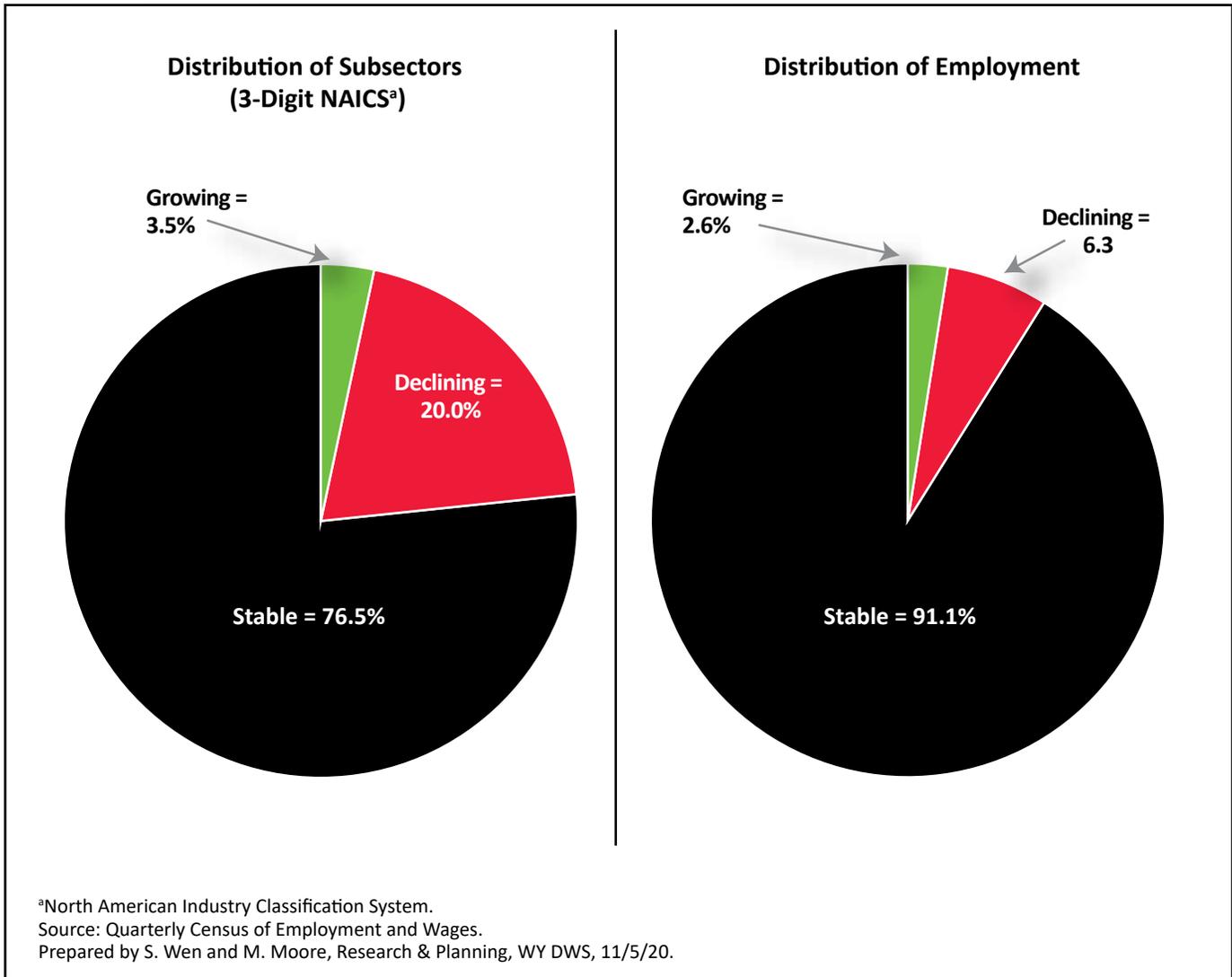


Figure 1: Distribution of Growing and Declining Industries (NAICS 3-Digit Subsector) in Wyoming, 2020Q2

Table 3: Distribution of Sectors and Employment by Growing/Declining Status in Wyoming, 2020Q2

Status	Subsectors (3-Digit NAICS)		Employment		Average Weekly Wage
	N	%	N	%	
Growing	3	3.5	6,536	2.6	\$753
Declining	17	20.0	15,866	6.3	\$1,295
Stable	65	76.5	229,287	91.1	\$947
Total	85	100.0	251,689	100.0	\$964

Source: Quarterly Census of Employment and Wages.
 Prepared by S. Wen and M. Moore, Research & Planning, WY DWS, 11/5/20.

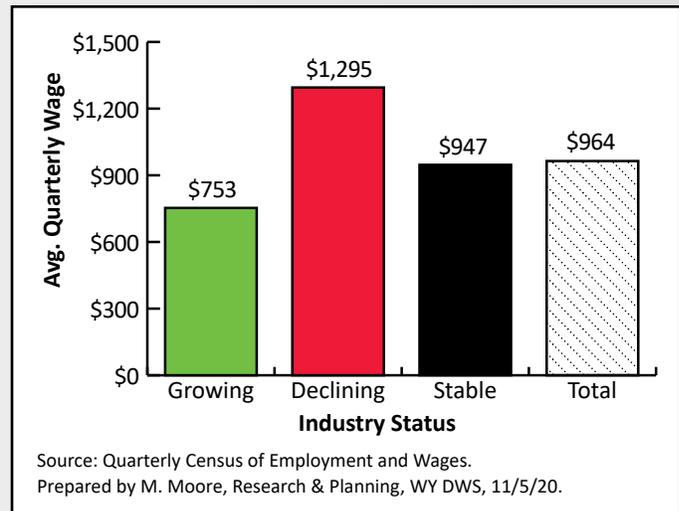


Figure 2: Average Weekly Wage of Growing and Declining Industries in Wyoming, 2020Q2

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