

Wyoming Growing and Declining Industries Report

Fourth Quarter 2020

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

Published May 6, 2021



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Published May 6, 2021.

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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_20Q4.pdf

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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, 2020Q4

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 2019Q3 to 2020Q3 and subsequently from 2019Q4 to 2020Q4 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 general merchandise stores (NAICS 452) grew by 9.8% (520 jobs) over the year in 2020Q4 and 5.5% (303 jobs) in 2020Q3, thus qualifying as a growing industry for 2020Q4. The average growth rate for 2020Q3 and 2020Q4 for NAICS 452 was 7.7%. Other growing industries included crop production (NAICS 111; 8.2%), building

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.

material & garden supply stores (NAICS 444; 9.5%), couriers & messengers (NAICS 492; 15.3%), and national security & international affairs (NAICS 928; 8.0%).

Overall, Wyoming had five growing industries in 2020Q4, which accounted for 6.0% of all industries and 5.0% of total employment (see Table 3 and Figure 1, page 9).

The declining industry table (see Table 2, page 5) reads the same way, except with negative changes, and therefore, declining industries. There were 31 declining industries in 2020Q4, which made up 36.9% of all industries and 30.1% of the state's total employment. Declining industries included support activities for mining (NAICS 213; -5,193 jobs in 2020Q4, with an average rate of change of -53.4%) and accommodation (NAICS 721; -2,393 jobs in 2020Q4, with an average rate of change of -24.3%).

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 2020Q4, the average weekly wage was \$700 for growing industries and \$959 for declining industries (see Table 3 and Figure 2, page 9). Overall, the state's average weekly wage was \$1,058.

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

Subsector ^a (3-Digit NAICS ^b)	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Growing Industries	
		2020Q4	2019Q4	Over-the-Year Change		2020Q3	2019Q3	Over-the-Year Change		Avg. % Change ^c	Avg. Weekly Wage ^d
Crop production (111)	Agriculture, forestry, fishing & hunting (11)	558	525	33	6.3	669	607	62	10.2	8.2	\$759
Building material & garden supply stores (444)	Retail Trade (44-45)	3,697	3,409	288	8.4	3,787	3,424	363	10.6	9.5	\$674
General merchandise stores (452)	Retail Trade (44-45)	5,837	5,317	520	9.8	5,780	5,477	303	5.5	7.7	\$526
Couriers & messengers (492)	Transportation & warehousing (48-49)	1,411	1,192	219	18.4	1,161	1,035	126	12.2	15.3	\$896
National security & international affairs (928)	Public administration (92)	1,334	1,224	110	9.0	1,288	1,204	84	7.0	8.0	\$1,300
Total	Total	12,836	11,666	1,170	10.0	12,683	11,747	936	8.0	9.0	\$700

^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 2020Q3 was \$700.

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 5/5/21.

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

Subsector ^a (3-Digit NAICS ^b)	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2020Q4	2019Q4	N	%	2020Q3	2019Q3	N	%	Avg. % Change ^c	Avg. Weekly Wage ^d
Oil & gas extraction (211)	Mining (21)	2,704	2,869	-165	-5.8	2,711	2,894	-183	-6.3	-6.0	\$2,318
Support activities for mining (213)	Mining (21)	4,638	9,831	-5,193	-52.8	4,661	10,128	-5,467	-54.0	-53.4	\$1,473
Heavy & civil engineering construction (237)	Construction (23)	5,356	7,546	-2,190	-29.0	6,433	8,487	-2,054	-24.2	-26.6	\$1,349
Specialty trade contractors (238)	Construction (23)	11,231	11,972	-741	-6.2	11,571	12,200	-629	-5.2	-5.7	\$1,145
Printing & related support activities (323)	Manufacturing (31-33)	201	224	-23	-10.3	199	232	-33	-14.2	-12.2	\$568
Fabricated metal product manufacturing (332)	Manufacturing (31-33)	1,579	1,670	-91	-5.4	1,563	1,671	-108	-6.5	-6.0	\$1,181
Machinery manufacturing (333)	Manufacturing (31-33)	604	732	-128	-17.5	593	742	-149	-20.1	-18.8	\$1,252
Computer & electronic product manufacturing (334)	Manufacturing (31-33)	204	338	-134	-39.6	198	354	-156	-44.1	-41.9	\$1,276
Electrical equipment & appliance mfg. (335)	Manufacturing (31-33)	342	360	-18	-5.0	326	354	-28	-7.9	-6.5	\$1,212
Transportation equipment manufacturing (336)	Manufacturing (31-33)	221	233	-12	-5.2	228	243	-15	-6.2	-5.7	\$1,101

^aIncludes both public and privately owned firms.

^bNorth American Industry Classification System.

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The average weekly wage for all declining industries in 2020Q4 was \$959.

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 5/5/21.

(Table continued on page 6)

(Table continued from page 5)

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

Subsector ^a (3-Digit NAICS ^b)	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2020Q4	2019Q4	Over-the-Year Change		2020Q3	2019Q3	Over-the-Year Change		Avg. % Change ^c	Avg. Weekly Wage ^d
Miscellaneous manufacturing (339)	Manufacturing (31-33)	131	138	-7	-5.1	126	138	-12	-8.7	-6.9	\$791
Merchant wholesalers, durable goods (423)	Wholesale trade (42)	4,498	5,314	-816	-15.4	4,576	5,354	-778	-14.5	-14.9	\$1,454
Merchant wholesalers, nondurable goods (424)	Wholesale trade (42)	2,746	2,953	-207	-7.0	2,732	3,005	-273	-9.1	-8.0	\$1,191
Electronic markets & agents & brokers (425)	Wholesale trade (42)	107	125	-18	-14.4	107	129	-22	-17.1	-15.7	\$2,095
Clothing & clothing accessories stores (448)	Retail Trade (44-45)	1,267	1,342	-75	-5.6	1,181	1,359	-178	-13.1	-9.3	\$504
Miscellaneous store retailers (453)	Retail Trade (44-45)	1,377	1,493	-116	-7.8	1,442	1,633	-191	-11.7	-9.7	\$558
Truck transportation (484)	Transportation & warehousing (48-49)	3,430	4,144	-714	-17.2	3,491	4,167	-676	-16.2	-16.7	\$1,126
Transit & ground passenger transportation (485)	Transportation & warehousing (48-49)	401	552	-151	-27.4	393	578	-185	-32.0	-29.7	\$534

^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 2020Q4 was \$959.

Source: Quarterly Census of Employment and Wages.

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(Table continued on page 7)

(Table continued from page 6)

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

Subsector ^a (3-Digit NAICS ^b)	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2020Q4	2019Q4	Over-the-Year Change		2020Q3	2019Q3	Over-the-Year Change		Avg. % Change ^c	Avg. Weekly Wage ^d
Publishing industries, except Internet (511)	Information (51)	616	786	-170	-21.6	628	812	-184	-22.7	-22.1	\$784
Motion picture & sound recording industries (512)	Information (51)	298	455	-157	-34.5	313	484	-171	-35.3	-34.9	\$514
Broadcasting, except Internet (515)	Information (51)	312	370	-58	-15.7	319	369	-50	-13.6	-14.6	\$754
ISPs, search portals, & data processing (518)	Information (51)	158	189	-31	-16.4	148	186	-38	-20.4	-18.4	\$1,304
Other information services (519)	Information (51)	574	622	-48	-7.7	569	615	-46	-7.5	-7.6	\$698
Rental & leasing services (532)	Real estate & rental & leasing (53)	1,442	1,845	-403	-21.8	1,454	1,998	-544	-27.2	-24.5	\$1,097
Management of companies & enterprises (551)	Management of companies & enterprises (55)	733	843	-110	-13.0	738	863	-125	-14.5	-13.8	\$4,793
Performing arts & spectator sports (711)	Arts, entertainment, & recreation (71)	395	470	-75	-16.0	556	641	-85	-13.3	-14.6	\$912

^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 2020Q4 was \$959.

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(Table continued on page 8)

(Table continued from page 7)

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

Subsector ^a (3-Digit NAICS ^b)	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2020Q4	2019Q4	Over-the-Year Change		2020Q3	2019Q3	Over-the-Year Change		Avg. % Change ^c	Avg. Weekly Wage ^d
Accom- modation (721)	Accom- modation & food services (72)	9,116	11,509	-2,393	-20.8	11,610	16,099	-4,489	-27.9	-24.3	\$627
Food services & drinking places (722)	Accom- modation & food services (72)	19,861	20,942	-1,081	-5.2	20,916	22,261	-1,345	-6.0	-5.6	\$376
Personal & laundry services (812)	Other services, except public administration (81)	1,585	1,714	-129	-7.5	1,633	1,812	-179	-9.9	-8.7	\$533
Membership associations & organizations (813)	Other services, except public administration (81)	1,701	1,795	-94	-5.2	1,801	1,976	-175	-8.9	-7.0	\$771
Private households (814)	Other services, except public administration (81)	307	336	-29	-8.6	321	360	-39	-10.8	-9.7	\$709
Total	Total	78,126	93,704	-15,578	-16.6	83,528	102,135	-18,607	-18.2	-17.4	\$959

^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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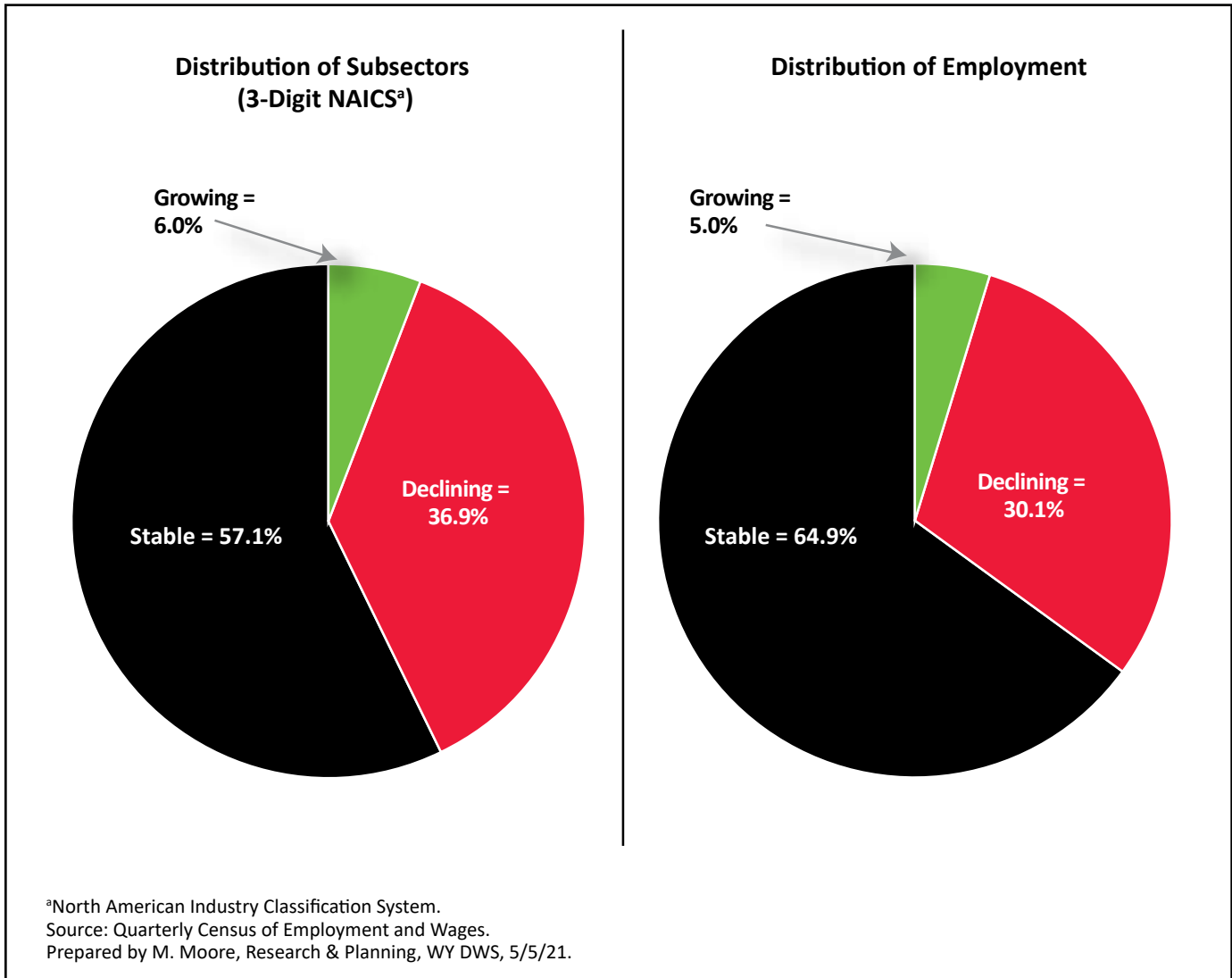


Figure 1: Distribution of Growing and Declining Industries (NAICS 3-Digit Subsector) in Wyoming, 2020Q4

Table 3: Distribution of Sectors and Employment by Growing/Declining Status in Wyoming, 2020Q4

Status	Subsectors (3-Digit NAICS)		Employment		Average Weekly Wage
	N	%	N	%	
Growing	5	6.0	12,837	5.0	\$700
Declining	31	36.9	78,135	30.1	\$959
Stable	48	57.1	168,488	64.9	\$1,131
Total	84	100.0	259,460	100.0	\$1,058

Source: Quarterly Census of Employment and Wages.
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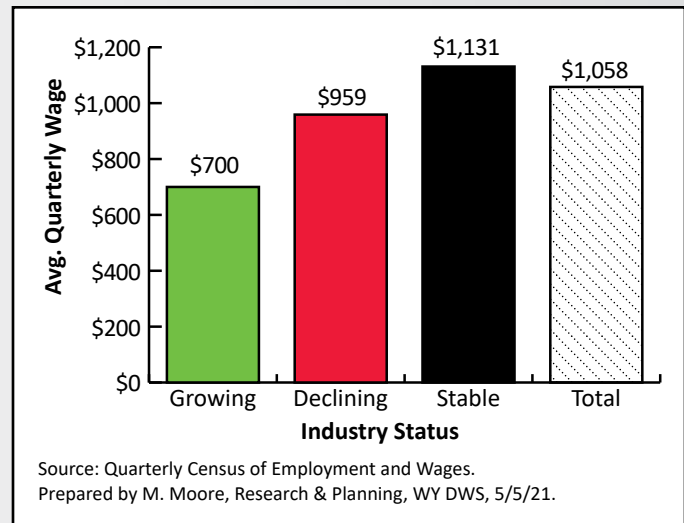


Figure 2: Average Weekly Wage of Growing and Declining Industries in Wyoming, 2020Q4

This publication was produced by the Research & Planning section of the Wyoming Department of Workforce Services.

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