

# **Wyoming Growing and Declining Industries Report**

## **Third Quarter 2020**

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

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# Wyoming Growing and Declining Industries Report, Third Quarter 2020

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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, 2020Q3

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 2019Q2 to 2020Q2 and subsequently from 2019Q3 to 2020Q3 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 444) grew by 10.6% (363 jobs) over the year in 2020Q3 and 8.1% (280 jobs) over the year in 2020Q2, thus qualifying as a growing industry for 2020Q3. The average growth rate for 2020Q2 and 2020Q3 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](https://doe.state.wy.us/LMI/G_DInd/G_D_Industries.htm).

441 was 9.4%. The other two growing industries were couriers & messengers (NAICS 492; 10.9%) and administration of economic programs (8.1%). Overall, Wyoming had just three growing industries in 2020Q3, which accounted for 3.6% of all industries and 3.3% 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 38 declining industries in 2020Q3, which made up 45.2% of all industries and 41.5% of the state's total employment. Declining industries included support activities for mining (NAICS 213; -5,454 jobs in 2020Q3, with an average rate of change of -46.9%) and food services & drinking places (NAICS 722; -1,370 jobs in 2020Q3, with an average rate of change of -13.1%).

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 2020Q3, the average weekly wage was \$787 for growing industries and \$869 for declining industries (see Table 3 and Figure 2, page 9). Overall, the state's average weekly wage was \$938.

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

Subsector <sup>a</sup> (3-Digit NAICS <sup>b</sup> )	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Growing Industries	
		2020Q3	2019Q3	Over-the-Year Change		2020Q2	2019Q2	Over-the-Year Change		Avg. % Change <sup>c</sup>	Avg. Weekly Wage <sup>d</sup>
Building material & garden supply stores (444)	Retail Trade (44-45)	3,787	3,424	363	10.6	3,717	3,437	280	8.1	9.4	\$620
Couriers & messengers (492)	Transportation & Warehousing (48-49)	1,160	1,035	125	12.1	1,102	1,005	97	9.7	10.9	\$859
Administration of economic programs (926)	Public Administration (92)	3,684	3,323	361	10.9	3,348	3,178	170	5.3	8.1	\$936
<b>Total</b>	<b>Total</b>	<b>8,631</b>	<b>7,782</b>	<b>849</b>	<b>10.9</b>	<b>8,167</b>	<b>7,619</b>	<b>548</b>	<b>7.2</b>	<b>9.1</b>	<b>\$787</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 2020Q3 was \$787.

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 1/29/21.

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

Subsector <sup>a</sup> (3-Digit NAICS <sup>b</sup> )	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2020Q3	2019Q3	N	%	2020Q2	2019Q2	N	%	Avg. % Change <sup>c</sup>	Avg. Weekly Wage <sup>d</sup>
Oil & gas extraction (211)	Mining (21)	2,711	2,894	-183	-6.3	2,762	2,959	-197	-6.7	-6.5	\$1,964
Support activities for mining (213)	Mining (21)	4,674	10,128	-5,454	-53.9	5,994	9,988	-3,994	-40.0	-46.9	\$1,280
Heavy & civil engineering construction (237)	Construction (23)	6,418	8,487	-2,069	-24.4	6,274	7,269	-995	-13.7	-19.0	\$1,386
Printing & related support activities (323)	Manufacturing (31-33)	200	232	-32	-13.8	205	228	-23	-10.1	-11.9	\$608
Chemical mfg. (325)	Manufacturing (31-33)	1,588	1,710	-122	-7.1	1,646	1,743	-97	-5.6	-6.3	\$2,062
Fabricated metal product manufacturing (332)	Manufacturing (31-33)	1,557	1,671	-114	-6.8	1,569	1,675	-106	-6.3	-6.6	\$1,073
Machinery mfg. (333)	Manufacturing (31-33)	593	742	-149	-20.1	570	723	-153	-21.2	-20.6	\$1,081
Computer & electronic product mfg. (334)	Manufacturing (31-33)	198	354	-156	-44.1	247	343	-96	-28.0	-36.0	\$1,161
Furniture & related product mfg. (337)	Manufacturing (31-33)	170	186	-16	-8.6	177	196	-19	-9.7	-9.1	\$596
Miscellaneous manufacturing (339)	Manufacturing (31-33)	127	138	-11	-8.0	124	138	-14	-10.1	-9.1	\$725
Merchant wholesalers, durable goods (423)	Wholesale Trade (42)	4,582	5,354	-772	-14.4	4,868	5,344	-476	-8.9	-11.7	\$1,212

<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 2020Q3 was \$869.

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 1/29/21.

(Table continued on page 6)

(Table continued from page 5)

**Table 2: Declining Industries Report for Wyoming, Third Quarter 2020**

Subsector <sup>a</sup> (3-Digit NAICS <sup>b</sup> )	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2020Q3	2019Q3	Over-the-Year Change		2020Q2	2019Q2	Over-the-Year Change		Avg. % Change <sup>c</sup>	Avg. Weekly Wage <sup>d</sup>
				N	%			N	%		
Merchant wholesalers, nondurable goods (424)	Wholesale Trade (42)	2,723	3,005	-282	-9.4	2,786	3,025	-239	-7.9	-8.6	\$1,049
Electronic markets & agents & brokers (425)	Wholesale Trade (42)	106	129	-23	-17.8	115	133	-18	-13.5	-15.7	\$1,552
Furniture & home furnishings stores (442)	Retail Trade (44-45)	651	691	-40	-5.8	600	695	-95	-13.7	-9.7	\$727
Clothing & clothing accessories stores (448)	Retail Trade (44-45)	1,175	1,359	-184	-13.5	802	1,201	-399	-33.2	-23.4	\$487
Sporting goods, hobby, book & music stores (451)	Retail Trade (44-45)	1,419	1,495	-76	-5.1	1,139	1,367	-228	-16.7	-10.9	\$413
Misc. store retailers (453)	Retail Trade (44-45)	1,435	1,633	-198	-12.1	1,315	1,587	-272	-17.1	-14.6	\$515
Air transportation (481)	Transportation & Warehousing (48-49)	305	483	-178	-36.9	279	456	-177	-38.8	-37.8	\$1,340
Truck transportation (484)	Transportation & Warehousing (48-49)	3,481	4,167	-686	-16.5	3,564	4,095	-531	-13.0	-14.7	\$1,059
Transit & ground passenger trans. (485)	Transportation & Warehousing (48-49)	393	578	-185	-32.0	399	556	-157	-28.2	-30.1	\$489
Publishing industries, except Internet (511)	Information (51)	627	812	-185	-22.8	641	820	-179	-21.8	-22.3	\$764

<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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(Table continued on page 7)

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**Table 2: Declining Industries Report for Wyoming, Third Quarter 2020**

Subsector <sup>a</sup> (3-Digit NAICS <sup>b</sup> )	Sector (2-Digit NAICS)	Employment (Current Quarter)				Employment (Prior Quarter)				Declining Industries	
		2020Q3	2019Q3	N	%	2020Q2	2019Q2	N	%	Avg. % Change <sup>c</sup>	Avg. Weekly Wage <sup>d</sup>
Motion picture & sound recording industries (512)	Information (51)	313	484	-171	-35.3	235	482	-247	-51.2	-43.3	\$440
Broadcasting, except Internet (515)	Information (51)	315	369	-54	-14.6	334	381	-47	-12.3	-13.5	\$697
ISPs, search portals, & data processing (518)	Information (51)	148	186	-38	-20.4	138	194	-56	-28.9	-24.6	\$1,247
Rental & leasing services (532)	Real Estate & Rental & Leasing (53)	1,454	1,998	-544	-27.2	1,472	1,909	-437	-22.9	-25.1	\$1,014
Professional & technical services (541)	Professional & Technical Services (54)	9,489	10,132	-643	-6.3	9,555	10,147	-592	-5.8	-6.1	\$1,330
Management of companies & enterprises (551)	Management of Companies & Enterprises (55)	733	863	-130	-15.1	709	859	-150	-17.5	-16.3	\$2,104
Administrative & support services (561)	Administrative & Waste Services (56)	7,948	8,538	-590	-6.9	7,400	7,868	-468	-5.9	-6.4	\$694
Waste management & remediation services (562)	Administrative & Waste Services (56)	818	894	-76	-8.5	823	890	-67	-7.5	-8.0	\$899
Performing arts & spectator sports (711)	Arts, Entertainment, & Recreation (71)	556	641	-85	-13.3	308	542	-234	-43.2	-28.2	\$484

<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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		2020Q3	2019Q3	N	%	2020Q2	2019Q2	N	%	Avg. % Change <sup>c</sup>	Avg. Weekly Wage <sup>d</sup>
Museums, historical sites, zoos, & parks (712)	Arts, Entertainment, & Recreation (71)	1,541	1,724	-183	-10.6	1,268	1,462	-194	-13.3	-11.9	\$963
Amusements, gambling, & recreation (713)	Arts, Entertainment, & Recreation (71)	3,117	3,467	-350	-10.1	2,155	2,917	-762	-26.1	-18.1	\$483
Accommodation (721)	Accommodation & Food Services (72)	11,606	16,099	-4,493	-27.9	8,037	13,275	-5,238	-39.5	-33.7	\$570
Food services & drinking places (722)	Accommodation & Food Services (72)	20,891	22,261	-1,370	-6.2	16,709	20,901	-4,192	-20.1	-13.1	\$379
Personal & laundry services (812)	Other Services, Except Public Admin. (81)	1,623	1,812	-189	-10.4	1,456	1,752	-296	-16.9	-13.7	\$510
Membership associations & organizations (813)	Other Services, Except Public Admin. (81)	1,781	1,976	-195	-9.9	1,601	1,864	-263	-14.1	-12.0	\$691
Private households (814)	Other Services, Except Public Admin. (81)	314	360	-46	-12.8	300	368	-68	-18.5	-15.6	\$604
Executive, legislative & general government (921)	Public Admin. (92)	10,768	11,457	-689	-6.0	10,329	10,979	-650	-5.9	-6.0	\$917
<b>Total</b>	<b>Total</b>	<b>108,538</b>	<b>129,498</b>	<b>-20,960</b>	<b>-16.2</b>	<b>98,891</b>	<b>121,318</b>	<b>-22,427</b>	<b>-18.5</b>	<b>-17.3</b>	<b>\$869</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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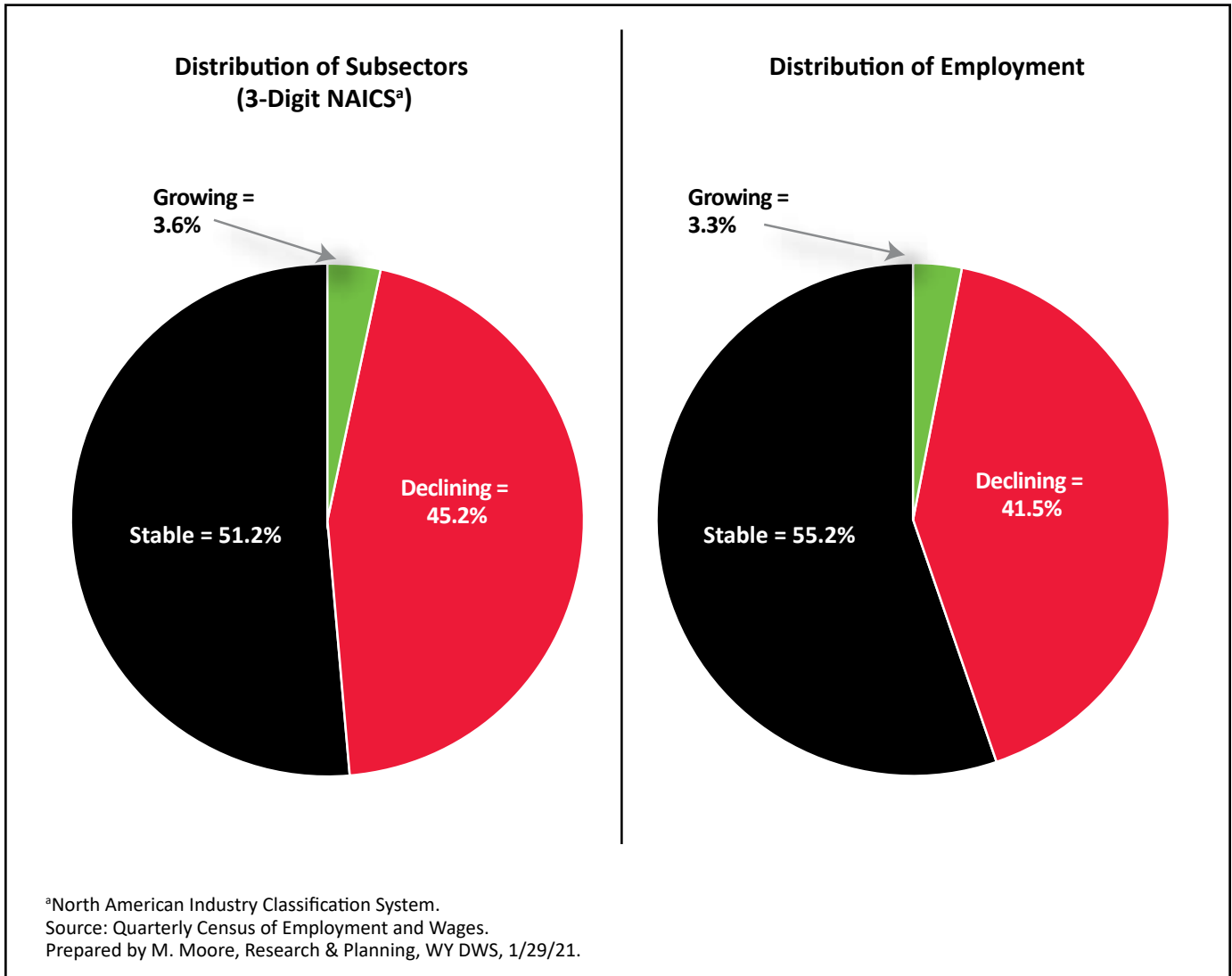


Figure 1: Distribution of Growing and Declining Industries (NAICS 3-Digit Subsector) in Wyoming, 2020Q3

**Table 3: Distribution of Sectors and Employment by Growing/Declining Status in Wyoming, 2020Q3**

Status	Subsectors (3-Digit NAICS)		Employment		Average Weekly Wage
	N	%	N	%	
Growing	3	3.6	8,631	3.3	\$787
Declining	38	45.2	108,548	41.5	\$869
Stable	43	51.2	144,336	55.2	\$999
<b>Total</b>	<b>84</b>	<b>100.0</b>	<b>261,515</b>	<b>100.0</b>	<b>\$938</b>

Source: Quarterly Census of Employment and Wages.  
 Prepared by M. Moore, Research & Planning, WY DWS, 1/29/21.

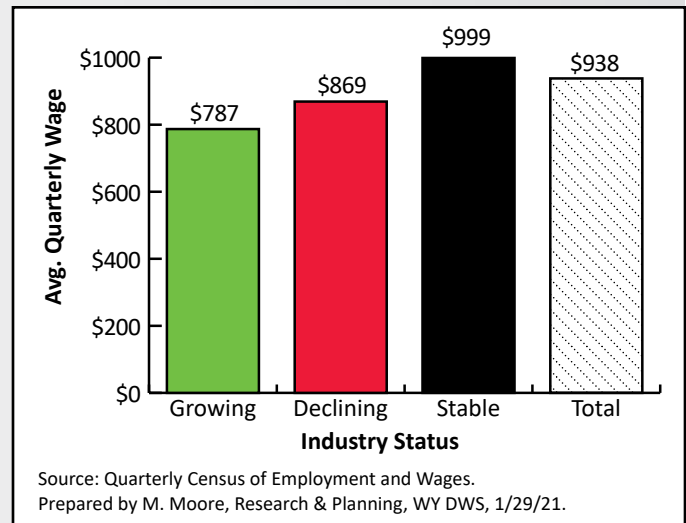


Figure 2: Average Weekly Wage of Growing and Declining Industries in Wyoming, 2020Q3

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