

# TRENDS

## 2017Q3 Quarterly Update

### Mining Shows Continued Growth in Jobs, Persons Working

by: Michael Moore, Editor

The total number of jobs worked in Wyoming's mining industry increased from prior-year levels for the third consecutive quarter in third quarter 2017 (2017Q3), according to preliminary data from the Quarterly Census of Employment and Wages (QCEW; see Figure 1). Wage records also show an over-the-year increase in the

number of persons working and the number of total hires in mining in 2017Q3. While Wyoming's mining sector has experienced over-the-year growth for three consecutive quarters, the number of jobs worked and the number of persons working remain well

(Text continued on page 3)

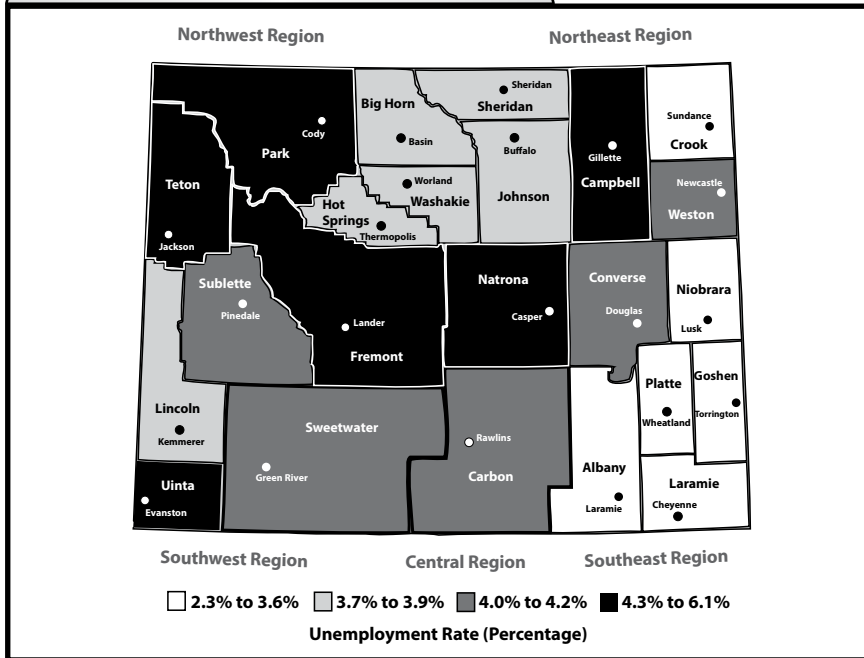


Figure 1: Average Monthly Employment (Jobs Worked) and Total Number of Persons Working at Any Time in Mining, including Oil & Gas (NAICS 21) in Wyoming by Year and Quarter, 2008Q3-2017Q3

## HIGHLIGHTS

- In 2017Q3, the number of new persons who had not previously been found working in Wyoming increased 1.7% from 2016Q3. ... page 12
- Compared to a year earlier, unemployment rates increased in several counties, including Teton, Carbon, Park, and Washakie counties. ... page 17

**Unemployment Rate by Wyoming County, November 2017 (Not Seasonally Adjusted)**



**IN THIS ISSUE**

**2017Q3 Quarterly Update: Mining Shows Continued Growth in Jobs, Persons Working** .....1

**Quarterly Turnover Statistics by Industry, Second Quarter 2017** .....9

**Total Wages, Average Monthly Employment, and Average Monthly Wage Changes for Wyoming by Year/Quarter: 2008Q3 to 2017Q3** .....10

**Persons Working in Jobs Covered by Wyoming State Unemployment Insurance, Third Quarter 2017** .....12

**Wyoming Unemployment Rate Rises to 4.3% in November 2017** .....13

**Current Employment Statistics (CES) Estimates and Research & Planning’s Short-Term Projections, November 2017** .....14

**State Unemployment Rates (Seasonally Adjusted)** .....14

**Wyoming Nonagricultural Wage and Salary Employment** ..15

**State Unemployment Rates (Not Seasonally Adjusted)** ...15

**Economic Indicators** .....16

**County Unemployment Rates** .....17

**Unemployment Insurance Statistics** .....18

**Wyoming Labor Force Trends**

A monthly publication of the Wyoming Department of Workforce Services,  
**John Cox, Director**

**Research & Planning**  
P.O. Box 2760  
Casper, WY 82602-2760  
dws-researchplanning@wyo.gov  
307-473-3807

**Tony Glover, Manager**  
**Carola Cowan, Bureau of Labor Statistics Programs Supervisor**

**Michael Moore, Editor**  
**Editorial Committee: David Bullard, Katelynd Faler, Elyse Gagne, Matthew Halama, Chris McGrath, Lynae Mohondro, Michael Moore, and Carol Touts**

Contributors to *Wyoming Labor Force Trends* this month: David Bullard, Carola Cowan, Tony Glover, Patrick Manning, and Michael Moore

Subscriptions, additional copies, and back issues available free of charge.  
© Copyright 2018 by the Wyoming Department of Workforce Services, Research & Planning.

Material contained in this publication is in the public domain and may be reproduced without special permission provided that source credit is given to: **Wyoming Labor Force Trends**, Wyoming Department of Workforce Services, Research & Planning

**Department of Workforce Services Nondiscrimination Statement**

The Department of Workforce Services does not discriminate on the basis of race, color, religion, national origin, sex, age, or disability. It is our intention that all individuals seeking services from our agency be given equal opportunity and that eligibility decisions be based upon applicable statutes, rules, and regulations.

Mission statement available at:  
<http://doe.state.wy.us/LMI/mission.pdf>

ISSN 0512-4409



below their levels prior to 2015Q2, when Wyoming entered an extended period of economic downturn.

The Research & Planning (R&P) section of the Wyoming Department of Workforce Services has defined an economic downturn as an over-the-year decrease in average monthly employment (total jobs worked), total wages, and average weekly wage for at least two consecutive quarters based on data from the QCEW.

Wyoming's most recent economic downturn began in 2015Q2, and it is not clear if or when that downturn ended. Total wages and average weekly wage showed over-the-year increases during the first three quarters of 2017, but average monthly employment has yet to show over-the-year growth since 2015Q1. For more information, see the figure on page 11.

## Mining

### Employment and Wages

R&P publishes a quarterly news release on QCEW data, available at <http://doe.state.wy.us/LMI/qcewnews.htm>; quarterly data are published in *Wyoming Labor Force Trends* (see pages 10-11) and online at [http://doe.state.wy.us/LMI/toc\\_202.htm](http://doe.state.wy.us/LMI/toc_202.htm).

Industries are classified according to the North American Industry Classification System (NAICS), a “2- through 6-digit hierarchical classification system, offering five levels of detail” (U.S. Census Bureau, 2017). The first two digits represent an economic sector; for example, NAICS 21 represents mining, quarrying, & oil & gas extraction. The third digit designates a subsector; for example, NAICS 213 indicates

support activities for mining. The fourth digit designates the industry group; for example, NAICS 2121 indicates coal mining.

Table 1 (see page 4) shows employment and wage statistics for mining at the two-, three-, and four-digit levels for 2016Q3 and 2017Q3. Overall, the average monthly employment (number of jobs worked) for mining (NAICS 21) increased 10.9% (1,964 jobs) from 17,961 in 2016Q3 to 19,925 in 2017Q3. At the three-digit subsector level, average monthly employment decreased for oil & gas extraction (NAICS 211) by 12.8%, while increasing for mining, except oil & gas (NAICS 212; 2.0%) and support activities for mining (NAICS 213; 36.0%). At the four-digit industry group level, average monthly employment increased in coal mining (NAICS 2121; 1.9%) and nonmetallic mineral mining & quarrying (NAICS 2123; 3.5%), while decreasing in metal ore mining (NAICS 2122; -15.7%).

Total wages in mining for 2017Q3 were \$423.7 million, up 13.2% from 2016Q3. Overall, mining accounted for 13.6% of the state's total payroll in 2017Q3. The average weekly wage for mining (\$1,636) was nearly double the statewide average (\$868).

### Persons Working

R&P publishes turnover data for Wyoming on a quarterly basis in *Wyoming Labor Force Trends* (see page 9) and online at <http://doe.state.wy.us/LMI/turnover.htm>. Turnover data are based on wage records from employment reports to the Unemployment Insurance (UI) tax section of the Wyoming Department of Workforce Services. Bullard (2015) noted that UI covered employment represents approximately 91.5% of Wyoming's total wage and salary employment.

Included in the quarterly turnover

reports are data on hires, exits, turnover, continuous employment, total wage records, and more. The most recent data available are from third quarter 2017 (2017Q3), dating back to first quarter 1992 (1992Q1).

It is important to understand that hires,

exits, both, continuous, and non-continuous data lag behind total hires and total wage records by one quarter. For example, the most recent quarter for which total hires and total wage records were available for this article was 2017Q3. However, the most recent quarter for which R&P was able to identify hires, exits, both, continuous, and

**Table 1: Average Monthly Employment, Total Wages, and Average Weekly Wage for Mining, including Oil & Gas (NAICS 21) in Wyoming, 2016Q3-2017Q3**

NAICS <sup>a</sup> Code	Industry	Average Monthly Employment (Jobs Worked)				Total Wages (\$)				Average Weekly Wage (\$)			
		2016Q3	2017Q3	Change, 2016Q3- 2017Q3		2016Q3	2017Q3	Change, 2016Q3-2017Q3		2016 Q3	2017 Q3	Change, 2016Q3- 2017Q3	
				N	%			\$	%			\$	%
21	Mining, Quarrying, & Oil & Gas Extraction	17,961	19,925	1,964	10.9	\$374,336,226	\$423,705,177	\$49,368,951	13.2	\$1,603	\$1,636	\$33	2.0
211	Oil & Gas Extraction	3,547	3,091	-456	-12.8	87,899,594	77,814,113	-10,085,481	-11.5	1,906	1,936	30	1.6
212	Mining, Except Oil & Gas	8,141	8,303	162	2.0	175,871,629	182,267,690	6,396,061	3.6	1,662	1,689	27	1.6
2121	Coal Mining	5,426	5,531	105	1.9	115,705,011	121,696,623	5,991,612	5.2	1,640	1,693	52	3.2
2122	Metal Ore Mining	197	166	-31	-15.7	3,755,818	3,032,339	-723,479	-19.3	1,464	1,402	-62	-4.2
2123	Nonmetallic Mineral Mining & Quarrying	2,517	2,606	88	3.5	56,410,800	57,538,728	1,127,928	2.0	1,724	1,699	-25	-1.5
213	Support Activities for Mining	6,273	8,531	2,258	36.0	110,565,003	163,623,374	53,058,371	48.0	1,356	1,475	120	8.8

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

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 2/16/18.

**Table 2: Selected Turnover Statistics for Mining, including Oil & Gas (NAICS 21) in Wyoming, 2016Q2-2017Q2 and 2016Q3-2017Q3**

Year and Quarter	Hires	Total Hires	Both Hires and Exits	Exit Only	Total Exits	Continuous	Total
2016Q2	808	1,120	312	2,351	2,663	17,127	20,598
2017Q2	2,132	2,880	748	1,569	2,317	16,989	21,438
Change (N)	1,324	1,760	436	-782	-346	-138	840
Change (%)	163.9	157.1	139.7	-33.3	-13.0	-0.8	4.1
2016Q3	1,386	1,825	439	1,400	1,839	16,535	19,760
2017Q3	--	2,741	--	--	--	--	21,862
Change (N)		916					2,102
Change (%)		50.2					10.6

Source: Wyoming Quarterly Turnover Statistics by Industry, 1992Q1 to 2017Q2. Research & Planning, WY DWS.



non-continuous was 2017Q2. Turnover definitions and methodology are available at <http://doe.state.wy.us/LMI/turnover.htm>.

The number of total hires in mining (NAICS 21) in 2017Q3 was 2,741, up 50.2% from 2016Q3 (see Table 2, page 4). The total number of persons working in mining was 21,862, up 10.6% over the year. This 10.6% increase in the number of persons working in mining is similar to the 10.9% increase in the number of jobs in mining as previously discussed.

### Employment and Wages by Industry

Table 3 shows the total number of jobs worked in Wyoming was relatively unchanged from 2016Q3 to 2017Q3 (-146, 0.0%). Outside of mining, over-the-year increases in average monthly employment were seen in agriculture, forestry, fishing, & hunting (89 jobs, or 3.1%); manufacturing (292, or 3.2%); financial activities (132, or 1.2%); professional & business services (322, or 1.7%); and leisure & hospitality (435, or 1.1%).

Substantial over-the-year declines in average monthly employment were seen in construction (-1,540,

or -6.9%); retail trade (-640, or -2.0%); state government (-170, or -1.3%); and local government (-931, or -2.2%).

Overall, total wages were

largely unchanged over the year (0.3%; see Table 4, page 6). Aside from mining, over-the-year increases were seen in agriculture, forestry, fishing, & hunting (\$933,491,

**Table 3: Change in Average Monthly Employment in Wyoming by Industry, 2016Q3 and 2017Q3**

		Average Monthly Employment			
		2016	2017	Change, 2016Q3-2017Q3	
NAICS <sup>a</sup> Code	Industry			N	%
<b>Private Sector</b>					
	<b>Total</b>	<b>212,456</b>	<b>213,343</b>	<b>887</b>	<b>0.4</b>
<b>Goods-Producing Industries</b>	11 Agriculture, Forestry, Fishing & Hunting	2,917	3,006	89	3.1
	21 Mining, Quarrying, & Oil & Gas Extraction	17,961	19,925	1,964	10.9
	23 Construction	22,463	20,923	-1,540	-6.9
	31 Manufacturing	9,256	9,547	292	3.2
<b>Service-Providing Industries</b>	42, 48-49, 22 Wholesale Trade, Trans., Warehousing, & Utilities	20,321	20,197	-124	-4.0
	44 Retail Trade	31,395	30,755	-640	-2.0
	51 Information	3,742	3,700	-42	-1.1
	52-53 Financial Activities	10,913	11,045	132	1.2
	54-56 Professional & Business Svcs.	18,591	18,913	322	1.7
	61 Educational Services	1,669	1,680	11	0.6
	62 Health Care & Social Assist.	24,755	24,636	-119	-0.5
	71-72 Leisure & Hospitality	41,090	41,524	435	1.1
	81 Other Services	7,383	7,491	108	1.5
<b>Government</b>					
	<b>Total</b>	<b>63,867</b>	<b>62,835</b>	<b>-1,033</b>	<b>-1.6</b>
	Federal Government	8,120	8,189	69	0.8
	State Government	13,135	12,964	-170	-1.3
	Local Government	42,613	41,682	-931	-2.2
<b>Total, All Industries</b>					
	<b>Total</b>	<b>276,323</b>	<b>276,178</b>	<b>-146</b>	<b>0.0</b>

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

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 1/10/18.

or 4.1%); professional & business services (\$9.7 million, or 4.5%); educational services (\$197,376, or 1.5%); leisure & hospitality (\$6.7 million, or 3.2%); and other services (\$1.9 million, or 3.0%). Over-the-year decreases in total wages were seen in construction (-\$27.4 million, or -9.4%); information (-\$2.4 million, or -5.4%); federal government (-\$3.9 million, or -2.8%); and local government (-\$14.3 million, or -3.0%), among others.

The state's average weekly wage also remained relatively unchanged from 2016Q3 to 2017Q3 (0.3%; see Table 5, page 7). Industries that showed an increase in

average weekly wage included mining (\$33, or 2.0%); professional & business services (\$24, or 2.7%); and leisure & hospitality (\$8, or 2.0%). Decreases were seen in construction (-\$27, or -2.7%); manufacturing (-\$57, or -4.6%); information (-\$40, or -4.4%); financial activities (-\$26, or -2.6%); and federal government (-\$47, or -3.6%).

### Persons Working by Industry

As noted by Moore (2017), 2017Q2 saw the first over-the-year increase in total

Table 4: Change in Total Wages in Wyoming by Industry, 2016Q3 and 2017Q3

NAICS <sup>a</sup> Code	Industry	Total		Change, 2016Q3-2017Q3	
		2016	2017	N	%
<b>Private Sector</b>					
	<b>Total</b>	<b>\$2,311,981,857</b>	<b>\$2,337,597,713</b>	<b>\$25,615,856</b>	<b>1.1</b>
<b>Goods Producing Industries</b>	11 Agriculture, Forestry, Fishing & Hunting	\$22,576,996	\$23,510,487	\$933,491	4.1
	21 Mining, Quarrying, & Oil & Gas Extraction	\$374,336,226	\$423,705,177	\$49,368,951	13.2
	23 Construction	\$293,019,939	\$265,570,849	-\$27,449,090	-9.4
	31 Manufacturing	\$148,607,088	\$146,169,739	-\$2,437,349	-1.6
<b>Service Providing Industries</b>	42, 48-49, 22 Wholesale Trade, Trans., Warehousing, & Utilities	\$294,462,920	\$292,108,259	-\$2,354,661	-0.8
	44 Retail Trade	\$218,789,268	\$214,940,367	-\$3,848,901	-1.8
	51 Information	\$44,214,574	\$41,812,804	-\$2,401,770	-5.4
	52-53 Financial Activities	\$141,203,508	\$139,124,957	-\$2,078,551	-1.5
	54-56 Professional & Business Svcs.	\$217,282,324	\$227,020,136	\$9,737,812	4.5
	61 Educational Services	\$13,240,490	\$13,437,866	\$197,376	1.5
	62 Health Care & Social Assist.	\$266,804,335	\$264,123,451	-\$2,680,884	-1.0
	71-72 Leisure & Hospitality	\$214,264,155	\$221,013,752	\$6,749,597	3.2
	81 Other Services	\$63,180,034	\$65,059,869	\$1,879,835	3.0
<b>Government</b>					
	<b>Total</b>	<b>\$795,252,728</b>	<b>\$777,501,106</b>	<b>-\$17,751,622</b>	<b>-2.2</b>
	Federal Government	\$138,857,997	\$134,978,365	-\$3,879,632	-2.8
	State Government	\$180,692,809	\$181,136,542	\$443,733	0.2
	Local Government	\$475,701,922	\$461,386,199	-\$14,315,723	-3.0
<b>Total, All Industries</b>					
	<b>Total</b>	<b>\$3,107,234,585</b>	<b>\$3,115,098,819</b>	<b>\$7,864,234</b>	<b>0.3</b>

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

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 1/10/18.

hires in more than two years. However, in 2017Q3, the number of total hires in Wyoming once again decreased from prior year levels (-823, or -1.4%; see Table 6, page 8). Wyoming has experienced just one quarter of over-the-year growth in total hires since the start of the most recent economic downturn in 2015Q2.

As shown in Table 6, industries that showed substantial over-the-year growth in total hires in 2017Q3 besides mining included agriculture, forestry, fishing, & hunting (116 total hires, or 18.8%); manufacturing (409, or 34.9%); and wholesale trade, transportation, warehousing, & utilities (200, or 8.4%). Over-the-year decreases in total hires were seen in construction (-776, or -10.9%); retail trade (-420, or -5.3%); health services (-276, or -5.7%); and leisure & hospitality (-453, or -2.8%), among other industries.

The total number of persons working in Wyoming at any time during the quarter also declined over the year in 2017Q3 (-5,297, or -1.6%). Aside from mining, the only other notable increases were seen in agriculture,

forestry, fishing, & hunting (163, or 4.6%) and manufacturing (254, or 2.3%). Notable decreases were seen in construction (-2,301, or -8.0%); retail

trade (-1,518, or -3.8%); educational services (-1,852, or -5.6%); and public administration (-720, or -3.0%), among others (see Table 6).

**Table 5: Change in Average Weekly Wage in Wyoming by Industry, 2016Q3 and 2017Q3**

NAICS <sup>a</sup> Code	Industry	Average Weekly Wage			
		2016	2017	Change, 2016Q3-2017Q3	
				\$	%
<b>Private Sector</b>					
	<b>Total</b>	<b>\$837</b>	<b>\$843</b>	<b>\$6</b>	<b>0.7</b>
<b>Goods Producing Industries</b>	11 Agriculture, Forestry, Fishing & Hunting	\$595	\$602	\$6	1.1
	21 Mining, Quarrying, & Oil & Gas Extraction	\$1,603	\$1,636	\$33	2.0
	23 Construction	\$1,003	\$976	-\$27	-2.7
	31 Manufacturing	\$1,235	\$1,178	-\$57	-4.6
<b>Service Providing Industries</b>	42, 48-49, 22 Wholesale Trade, Trans., Warehousing, & Utilities	\$1,115	\$1,113	-\$2	-0.2
	44 Retail Trade	\$536	\$538	\$2	0.3
	51 Information	\$909	\$869	-\$40	-4.4
	52-53 Financial Activities	\$995	\$969	-\$26	-2.6
	54-56 Professional & Business Svcs.	\$899	\$923	\$24	2.7
	61 Educational Services	\$610	\$615	\$5	0.8
	62 Health Care & Social Assist.	\$829	\$825	-\$4	-0.5
	71-72 Leisure & Hospitality	\$401	\$409	\$8	2.0
81 Other Services	\$658	\$668	\$10	1.5	
<b>Government</b>					
	<b>Total</b>	<b>\$958</b>	<b>\$952</b>	<b>-\$6</b>	<b>-0.6</b>
	Federal Government	\$1,315	\$1,268	-\$47	-3.6
	State Government	\$1,058	\$1,075	\$17	1.6
	Local Government	\$859	\$851	-\$7	-0.8
<b>Total, All Industries</b>					
	<b>Total</b>	<b>\$865</b>	<b>\$868</b>	<b>\$3</b>	<b>0.3</b>

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

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 1/10/18.

## Conclusion

Wyoming's mining sector showed signs of growth in 2017Q3, as the number of jobs worked, total persons working, and total hires all increased from prior-year levels. However, Wyoming's job market remained stagnant overall. There was little change in the number of jobs worked over the year, and the number of persons working and total hires both declined compared to 2016Q3.

## References

- Bullard, D. (2015, January). Local jobs and payroll in Wyoming in second quarter 2014: construction leads job growth. *Wyoming Labor Force Trends*, 52(1). Retrieved August 15, 2016, from <http://doe.state.wy.us/LMI/trends/0115/qcew.htm>
- Moore, M. (2017, October). Turnover in Wyoming: Hiring activity resumes in 2017Q2. *Wyoming Labor Force Trends*, 54(10). Retrieved February 21, 2018, from <http://doe.state.wy.us/LMI/trends/1017/1017.pdf>

Table 6: Total Hires and Total Persons Working in Wyoming by Industry, 2016Q3-2017Q3

Industry & NAICS <sup>a</sup> Code	2016Q3	2017Q3	Change, 2016Q3-2017Q3	
			N	%
Agriculture, Forestry, Fishing & Hunting (11)	616	732	116	18.8
Mining (21)	1,825	2,741	916	50.2
Construction (23)	7,110	6,334	-776	-10.9
Manufacturing (31,32,33)	1,171	1,580	409	34.9
Wholesale Trade, Trans., & Warehousing, & Utilities (42,48,49,22)	2,376	2,576	200	8.4
Retail Trade (44,45)	7,997	7,577	-420	-5.3
Information (51)	436	449	13	3.0
Financial Activities (52, 53)	1,368	1,255	-113	-8.3
Professional & Business	5,716	5,580	-136	-2.4
Educational Services (61)	3,550	3,406	-144	-4.1
Health Care & Social Assistance (62)	4,804	4,528	-276	-5.7
Leisure & Hospitality (71,72)	16,331	15,878	-453	-2.8
Other Services (81)	1,631	1,689	58	3.6
Public Administration (92)	2,148	1,989	-159	-7.4
Unclassified	125	67	-58	-46.4
<b>Total</b>	<b>57,204</b>	<b>56,381</b>	<b>-823</b>	<b>-1.4</b>

### Total Persons Working by Industry, 2017Q3

Industry & NAICS <sup>a</sup> Code	2016Q3	2017Q3	Change, 2016Q3-2017Q3	
			N	%
Agriculture, Forestry, Fishing & Hunting (11)	3,539	3,702	163	4.6
Mining (21)	19,760	21,862	2,102	10.6
Construction (23)	28,881	26,580	-2,301	-8.0
Manufacturing (31,32,33)	10,860	11,114	254	2.3
Wholesale Trade, Trans., & Warehousing, & Utilities (42,48,49,22)	22,064	21,833	-231	-1.0
Retail Trade (44,45)	40,194	38,676	-1,518	-3.8
Information (51)	4,793	4,680	-113	-2.4
Financial Activities (52, 53)	11,951	12,013	62	0.5
Professional & Business	23,885	23,753	-132	-0.6
Educational Services (61)	33,212	31,360	-1,852	-5.6
Health Care & Social Assistance (62)	37,804	37,392	-412	-1.1
Leisure & Hospitality (71,72)	55,835	55,525	-310	-0.6
Other Services (81)	8,989	8,957	-32	-0.4
Public Administration (92)	24,325	23,605	-720	-3.0
Unclassified	379	122	-257	-67.8
<b>Total</b>	<b>326,471</b>	<b>321,174</b>	<b>-5,297</b>	<b>-1.6</b>

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

Source: Wage Records.

Prepared by M. Moore, Research & Planning, WY DWS, 2/20/18.

U.S. Census Bureau. (2017). North American Industry Classification System: Frequently asked questions.

Retrieved February 21, 2018, from <https://www.census.gov/eos/www/naics/faqs/faqs.html>



## Quarterly Turnover Statistics by Industry, Second Quarter 2017

Wyoming's turnover rate for 2017Q2 was 32.4%, up 1.0% from 2016Q2. Wyoming's turnover rate tends to be highest during second and third quarter, when the majority of hires and exits take place for industries such as construction and leisure & hospitality.

Major Sector	Industry		(H)	(H)+(B)	(B)	(E)	(E)+(B)	(C)	(H+E+B+C)	Turnover Rate <sup>a</sup>	Change Prior Year
			Hire Only	Total Hires	Both Hire and Exit	Exit Only	Total Exits	Continuous Employment	Total		
Goods Producing	Agriculture, Forestry, Fishing, & Hunting	Transactions <sup>b</sup>	805	1,071	266	295	561	2,157	3,523	38.8	1.5
		Rates	22.8	30.4	7.6	8.4	15.9	61.2	100.0		
	Mining	Transactions	2,132	2,880	748	1,569	2,317	16,989	21,438	20.8	3.9
		Rates	9.9	13.4	3.5	7.3	10.8	79.2	100.0		
	Construction	Transactions	5,234	8,438	3,204	2,966	6,170	15,020	26,424	43.2	0.7
		Rates	19.8	31.9	12.1	11.2	23.3	56.8	100.0		
	Manufacturing	Transactions	1,020	1,253	233	737	970	8,514	10,504	18.9	1.8
		Rates	9.7	11.9	2.2	7.0	9.2	81.1	100.0		
	Wholesale Trade, Transp., Utilities, & Warehousing	Transactions	2,278	2,913	635	2,065	2,700	16,979	21,957	22.7	1.6
		Rates	10.4	13.3	2.9	9.4	12.3	77.3	100.0		
Retail Trade	Transactions	6,556	8,533	1,977	4,906	6,883	24,543	37,982	35.4	1.1	
	Rates	17.3	22.5	5.2	12.9	18.1	64.6	100.0			
Information	Transactions	429	531	102	422	524	3,802	4,755	20.0	1.7	
	Rates	9.0	11.2	2.1	8.9	11.0	80.0	100.0			
Financial Activities	Transactions	1,169	1,424	255	922	1,177	9,589	11,935	19.7	0.0	
	Rates	9.8	11.9	2.1	7.7	9.9	80.3	100.0			
Professional & Business Services	Transactions	4,460	6,581	2,121	3,207	5,328	13,669	23,457	41.7	1.9	
	Rates	19.0	28.1	9.0	13.7	22.7	58.3	100.0			
Educational Services	Transactions	1,884	2,844	960	4,419	5,379	26,070	33,333	21.8	2.7	
	Rates	5.7	8.5	2.9	13.3	16.1	78.2	100.0			
Health Services	Transactions	3,507	4,342	835	3,692	4,527	29,360	37,394	21.5	-1.2	
	Rates	9.4	11.6	2.2	9.9	12.1	78.5	100.0			
Leisure & Hospitality	Transactions	16,046	21,262	5,216	8,633	13,849	23,597	53,492	55.9	1.2	
	Rates	30.0	39.7	9.8	16.1	25.9	44.1	100.0			
Other Services	Transactions	1,386	1,837	451	925	1,376	5,927	8,689	31.8	-2.6	
	Rates	16.0	21.1	5.2	10.6	15.8	68.2	100.0			
Public Admin.	Transactions	2,762	3,126	364	1,252	1,616	18,854	23,232	18.8	-0.7	
	Rates	11.9	13.5	1.6	5.4	7.0	81.2	100.0			
Unclassified	Transactions	18	127	109	38	147	37	202	81.7	18.6	
	Rates	8.9	62.9	54.0	18.8	72.8	18.3	100.0			
Total	Transactions	49,686	67,162	17,476	36,048	53,524	215,107	318,317	32.4	1.0	
	Rates	15.6	21.1	5.5	11.3	16.8	67.6	100.0			

(H) Hire Only. (B) Both Hire and Exit. (E) Exit Only. (C) Continuous Employment.

<sup>a</sup>Turnover rate equals (H+E+B)/Total.

<sup>b</sup>Jobs worked at any time during the quarter.

Historical turnover data can be found online at <http://doe.state.wy.us/LMI/turnover.htm>.

## Total Wages, Average Monthly Employment, and Average Monthly Wage Changes for Wyoming by Year/Quarter: 2007Q3 to 2017Q3

Year/Quarter	Total Wages	% Change	Avg. Monthly Employment	% Change	Avg. Monthly Wage	% Change
2007Q3	\$2,712,325,140		284,317		\$3,179.93	
2008Q3	\$2,985,771,294	10.1%	293,895	3.4%	\$3,386.44	6.5%
2007Q4	\$2,976,397,551		280,888		\$3,532.13	
2008Q4	\$3,177,223,682	6.7%	287,478	2.3%	\$3,684.02	4.3%
2008Q1	\$2,798,237,273		276,195		\$3,377.13	
2009Q1	\$2,764,364,307	-1.2%	273,471	-1.0%	\$3,369.48	-0.2%
2008Q2	\$2,918,008,721		287,780		\$3,379.91	
2009Q2	\$2,773,191,493	-5.0%	277,897	-3.4%	\$3,326.40	-1.6%
2008Q3	\$2,985,771,294		293,895		\$3,386.44	
2009Q3	\$2,736,056,780	-8.4%	278,234	-5.3%	\$3,277.88	-3.2%
2008Q4	\$3,177,223,682		287,478		\$3,684.02	
2009Q4	\$2,911,594,084	-8.4%	269,439	-6.3%	\$3,602.04	-2.2%
2009Q1	\$2,764,364,307		273,471		\$3,369.48	
2010Q1	\$2,627,558,836	-4.9%	260,726	-4.7%	\$3,359.29	-0.3%
2009Q2	\$2,773,191,493		277,897		\$3,326.40	
2010Q2	\$2,802,848,365	1.1%	273,044	-1.7%	\$3,421.73	2.9%
2009Q3	\$2,736,056,780		278,234		\$3,277.88	
2010Q3	\$2,866,694,334	4.8%	279,429	0.4%	\$3,419.71	4.3%
2009Q4	\$2,911,594,084		269,439		\$3,602.04	
2010Q4	\$3,087,069,661	6.0%	272,511	1.1%	\$3,776.08	4.8%
2010Q1	\$2,627,558,836		260,726		\$3,359.29	
2011Q1	\$2,769,072,169	5.4%	263,558	1.1%	\$3,502.17	4.3%
2010Q2	\$2,802,848,365		273,044		\$3,421.73	
2011Q2	\$2,933,492,659	4.7%	275,169	0.8%	\$3,553.56	3.9%
2010Q3	\$2,866,694,334		279,429		\$3,419.71	
2011Q3	\$3,053,914,162	6.5%	282,231	1.0%	\$3,606.87	5.5%
2010Q4	\$3,087,069,661		272,511		\$3,776.08	
2011Q4	\$3,165,745,021	2.5%	278,015	2.0%	\$3,795.65	0.5%
2011Q1	\$2,769,072,169		263,558		\$3,502.17	
2012Q1	\$2,991,246,352	8.0%	270,073	2.5%	\$3,691.90	5.4%
2011Q2	\$2,933,492,659		275,169		\$3,553.56	
2012Q2	\$3,074,207,136	4.8%	281,192	2.2%	\$3,644.26	2.6%
2011Q3	\$3,053,914,162		282,231		\$3,606.87	
2012Q3	\$3,060,122,560	0.2%	284,180	0.7%	\$3,589.42	-0.5%
2011Q4	\$3,165,745,021		278,015		\$3,795.65	
2012Q4	\$3,294,064,060	4.1%	278,934	0.3%	\$3,936.49	3.7%
2012Q1	\$2,991,246,352		270,073		\$3,691.90	
2013Q1	\$3,024,233,488	1.1%	270,881	0.3%	\$3,721.48	0.8%
2012Q2	\$3,074,207,136		281,192		\$3,644.26	
2013Q2	\$3,093,096,086	0.6%	281,707	0.2%	\$3,659.94	0.4%
2012Q3	\$3,060,122,560		284,180		\$3,589.42	
2013Q3	\$3,119,244,931	1.9%	285,726	0.5%	\$3,638.97	1.4%
2012Q4	\$3,294,064,060		278,934		\$3,936.49	
2013Q4	\$3,344,359,716	1.5%	280,701	0.6%	\$3,971.44	0.9%
2013Q1	\$3,024,233,488		270,881		\$3,721.48	
2014Q1	\$3,124,158,426	3.3%	274,050	1.2%	\$3,799.99	2.1%
2013Q2	\$3,093,096,086		281,707		\$3,659.94	
2014Q2	\$3,243,373,986	4.9%	286,669	1.8%	\$3,771.33	3.0%
2013Q3	\$3,119,244,931		285,726		\$3,638.97	
2014Q3	\$3,317,475,865	6.4%	291,299	2.0%	\$3,796.19	4.3%
2013Q4	\$3,344,359,716		280,701		\$3,971.44	
2014Q4	\$3,536,857,567	5.8%	285,540	1.7%	\$4,128.85	4.0%

(p) Preliminary.

Source: Quarterly Census of Employment and Wages ([http://doe.state.wy.us/LMI/toc\\_202.htm](http://doe.state.wy.us/LMI/toc_202.htm)).

Prepared by C. Toups, Research &amp; Planning, WY DWS.

Table continued on page 11

(Text continued from page 10)

### Total Wages, Average Monthly Employment, and Average Monthly Wage Changes for Wyoming by Year/Quarter: 2007Q3 to 2017Q3

Year/Quarter	Total Wages	% Change	Avg. Monthly Employment	% Change	Avg. Monthly Wage	% Change
2014Q1	\$3,124,158,426		274,050		\$3,799.99	
2015Q1	\$3,218,193,073	3.0%	277,691	1.3%	\$3,863.04	1.7%
2014Q2	\$3,243,373,986		286,669		\$3,771.33	
2015Q2	\$3,219,023,155	-0.8%	285,186	-0.5%	\$3,762.48	-0.2%
2014Q3	\$3,317,475,865		291,299		\$3,796.19	
2015Q3	\$3,242,027,718	-2.3%	288,316	-1.0%	\$3,748.23	-1.3%
2014Q4	\$3,536,857,567		285,540		\$4,128.85	
2015Q4	\$3,406,817,213	-3.7%	279,408	-2.1%	\$4,064.33	-1.6%
2015Q1	\$3,218,193,073		277,691		\$3,863.04	
2016Q1	\$2,974,719,713	-7.6%	268,324	-3.4%	\$3,695.43	-4.3%
2015Q2	\$3,219,023,155		285,186		\$3,762.48	
2016Q2	\$3,035,536,278	-5.7%	275,018	-3.6%	\$3,679.20	-2.2%
2015Q3	\$3,242,027,718		288,316		\$3,748.23	
2016Q3	\$3,107,025,301	-4.2%	276,309	-4.2%	\$3,748.25	0.0%
2015Q4	\$3,406,817,213		279,408		\$4,064.33	
2016Q4	\$3,111,373,498	-8.7%	267,641	-4.2%	\$3,875.06	-4.7%
2016Q1	\$2,974,719,713		268,324		\$3,695.43	
2017Q1	\$2,988,780,790	0.5%	261,224	-2.6%	\$3,813.82	3.2%
2016Q2	\$3,035,536,278		275,018		\$3,679.20	
2017Q2	\$3,092,199,082	1.9%	271,729	-1.2%	\$3,793.24	3.1%
2016Q3	\$3,107,025,301		276,309		\$3,748.25	
2017Q3 (p)	\$3,115,098,819	0.3%	276,178	0.0%	\$3,759.77	0.3%

(p) Preliminary.

Source: Quarterly Census of Employment and Wages ([http://doe.state.wy.us/LMI/toc\\_202.htm](http://doe.state.wy.us/LMI/toc_202.htm)).

Prepared by C. Toups, Research & Planning, WY DWS.

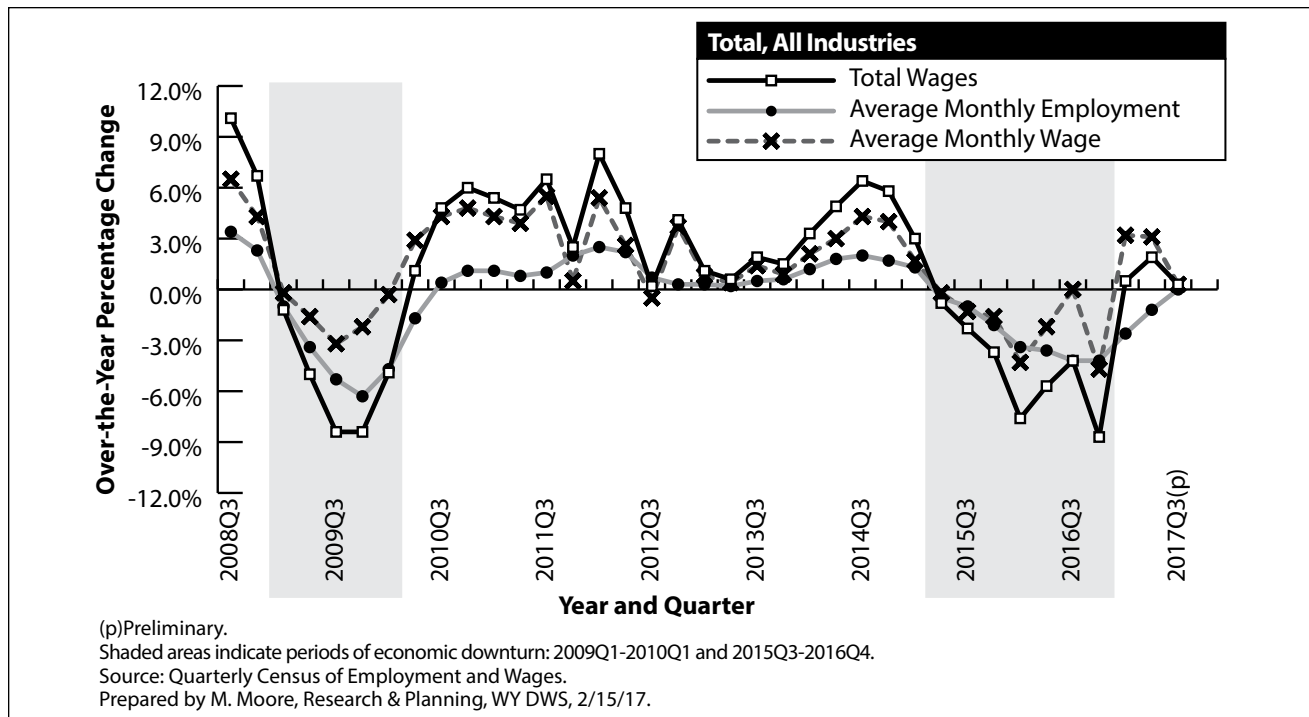


Figure: Over-the-Year Percentage Change for Total Wages, Average Monthly Employment, and Average Monthly Wage Across All Industries in Wyoming by Year and Quarter, 2008Q3 to 2017Q3

# Persons Working in Jobs Covered by Wyoming State Unemployment Insurance, Third Quarter 2017

by: Tony Glover, Research & Planning Manager

In 2017Q3, the number of new persons who had not been previously found working in Wyoming increased 1.7% (see Figure 1).

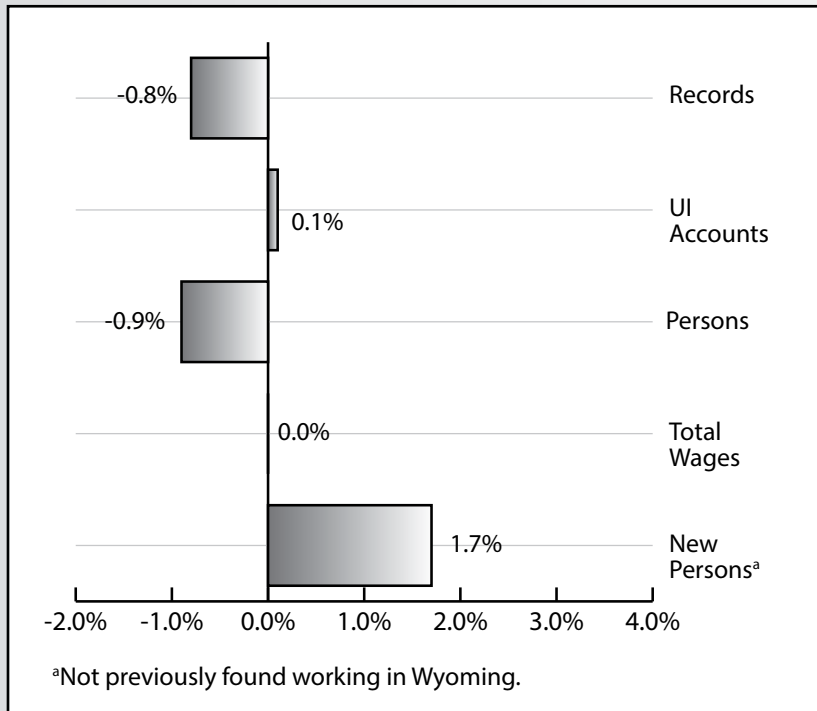


Figure 1: Percentage Change from Previous Year, Wyoming Wage Records, Third Quarter 2017

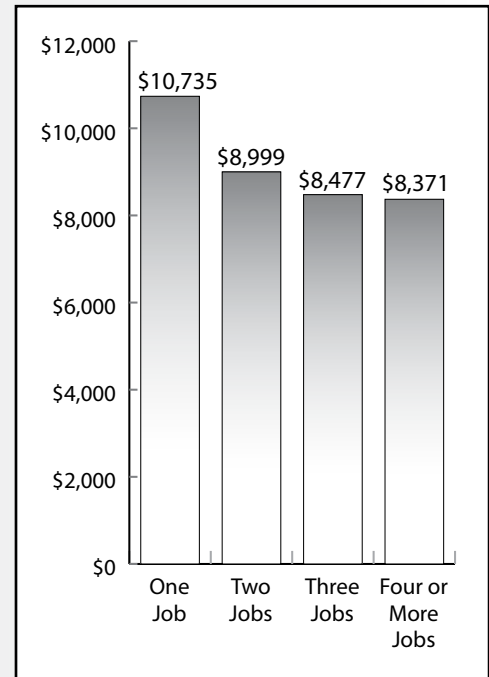


Figure 2: Mean Quarterly Wages in Wyoming by Number of Jobs, Third Quarter 2017

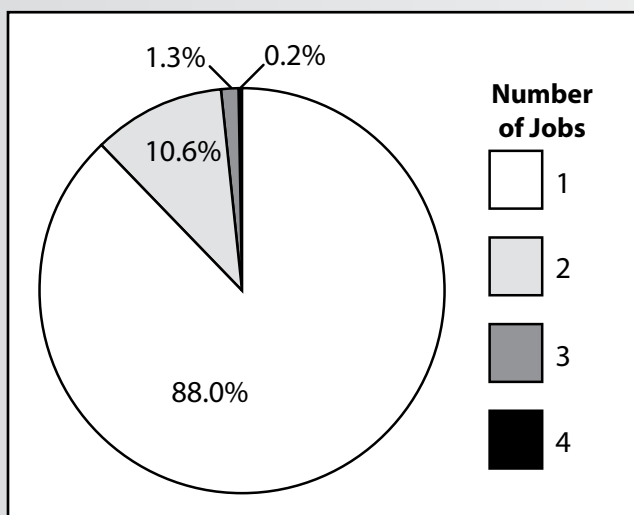


Figure 3: Percentage of Total Persons by Number of Jobs Worked in Wyoming, Third Quarter 2017

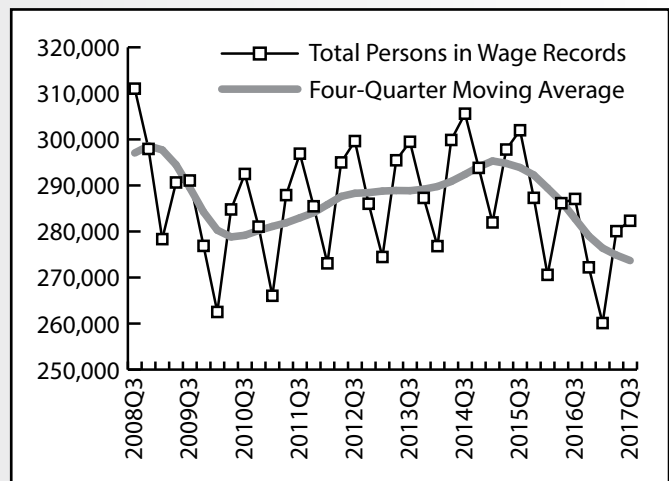


Figure 4: Total Persons in Wyoming Wage Records, Third Quarter 2008 (2008Q3) to Third Quarter 2017 (2017Q3)



# Wyoming Unemployment Rate Rises to 4.3% in November 2017

by: David Bullard, Senior Economist

The Research & Planning section of the Wyoming Department of Workforce Services reported that the state's seasonally adjusted<sup>1</sup> unemployment rate increased slightly from 4.2% in October to 4.3% in November (not a statistically significant change). Wyoming's unemployment rate was significantly lower than its November 2016 level of 4.9%, but slightly higher than the November U.S. unemployment rate of 4.1%. The state's labor force decreased significantly from a year earlier, falling by an estimated 8,196 people (or 2.7%). A decreasing labor force suggests that individuals may have moved to other states or given up their job search.

Most county unemployment rates followed their normal seasonal pattern and increased slightly from October to November. Unemployment rates usually rise in November as job losses are seen in construction, leisure & hospitality, and professional & business services. Teton County's unemployment rate rose from 3.1%

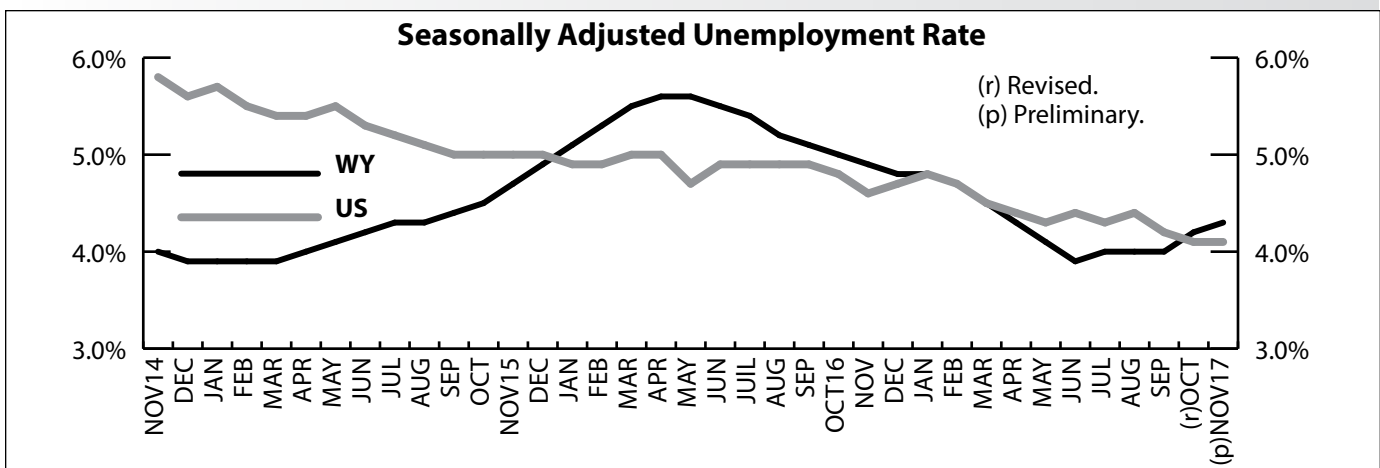
to 6.1%, Park County's rate rose from 3.8% to 4.7%, and Lincoln County's rate rose from 3.2% to 3.9%.

Compared to a year earlier, unemployment rates fell in 15 counties and rose in eight counties. The largest decreases were seen in Campbell (6.0% to 4.3%), Converse (5.3% to 4.0%), Sublette (5.2% to 4.0%), Natrona (6.2% to 5.1%), and Sweetwater (5.2% to 4.2%) counties. Unemployment rates increased in Teton (5.7% to 6.1%), Carbon (3.8% to 4.0%), Park (4.5% to 4.7%), and Washakie (3.7% to 3.9%) counties.

Teton County's unemployment rate of 6.1% was the highest in the state. The next highest rates were reported in Fremont (5.1%), Natrona (5.1%), and Park (4.7%) counties. The lowest unemployment rates were found in Niobrara (2.3%), Goshen (2.7%), and Albany (2.8%) counties.

Total nonfarm employment (not seasonally adjusted and measured by place of work) fell from 274,100 in November 2016 to 273,100 in November 2017, a decrease of 1,000 jobs (or -0.4%; not a statistically significant change).

<sup>1</sup> Seasonal adjustment is a statistical procedure to remove the impact of normal regularly recurring events (such as weather, major holidays, and the opening and closing of schools) from economic time series to better understand changes in economic conditions from month to month.



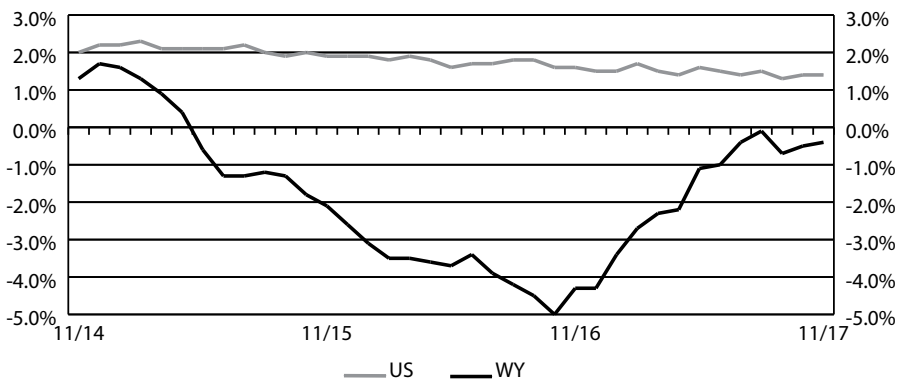
## Current Employment Statistics (CES) Estimates and Research & Planning's Short-Term Projections, November 2017

by: David Bullard, Senior Economist

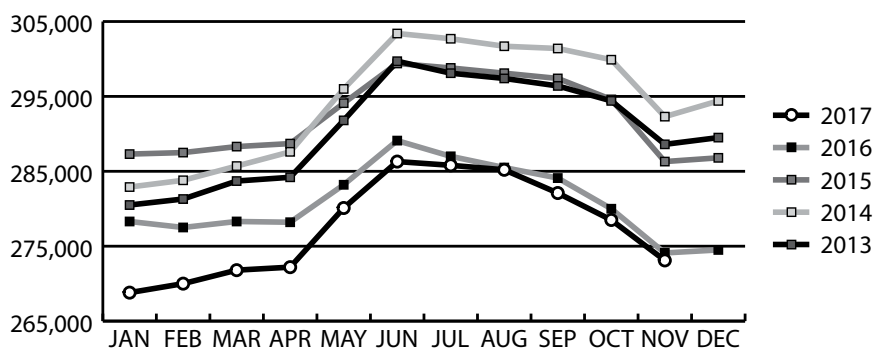
Industry Sector	Research & Planning's Short-Term Projections	Current Employment Statistics (CES) Estimates	N Difference	% Difference
<b>Total Nonfarm</b>	<b>275,859</b>	<b>273,100</b>	<b>-2,759</b>	<b>-1.0%</b>
Natural Resources & Mining	19,905	20,500	595	2.9%
Construction	19,743	20,900	1,157	5.5%
Manufacturing	9,470	9,600	130	1.4%
Wholesale Trade	8,055	8,200	145	1.8%
Retail Trade	29,824	30,300	476	1.6%
Transportation & Utilities	14,299	14,000	-299	-2.1%
Information	3,671	3,600	-71	-2.0%
Financial Activities	10,803	10,900	97	0.9%
Professional & Business Services	17,564	17,300	-264	-1.5%
Educational & Health Services	28,012	27,400	-612	-2.2%
Leisure & Hospitality	32,210	29,300	-2,910	-9.9%
Other Services	11,112	10,900	-212	-1.9%
Government	71,191	70,200	-991	-1.4%

Projections were run in November 2017 and based on QCEW data through June 2017.

### Nonagricultural Employment Growth (Percentage Change Over Previous Year)



### Wyoming Nonagricultural Wage and Salary Employment



### State Unemployment Rates November 2017 Seasonally Adjusted

State	Unemp. Rate
Puerto Rico	10.8
Alaska	7.2
District of Columbia	6.4
New Mexico	6.1
West Virginia	5.3
New Jersey	5.1
Nevada	5.0
Illinois	4.9
Mississippi	4.8
Ohio	4.8
Delaware	4.7
Kentucky	4.7
Louisiana	4.7
New York	4.7
California	4.6
Connecticut	4.6
Michigan	4.6
Pennsylvania	4.6
Washington	4.5
Arizona	4.3
Georgia	4.3
North Carolina	4.3
Rhode Island	4.3
<b>Wyoming</b>	<b>4.3</b>
Oklahoma	4.2
Oregon	4.2
<b>United States</b>	<b>4.1</b>
Montana	4.0
South Carolina	4.0
Maryland	3.9
Texas	3.8
Arkansas	3.7
Indiana	3.7
Virginia	3.7
Florida	3.6
Massachusetts	3.6
Alabama	3.5
Kansas	3.5
South Dakota	3.5
Missouri	3.4
Maine	3.3
Utah	3.2
Wisconsin	3.2
Minnesota	3.1
Tennessee	3.1
Colorado	2.9
Idaho	2.9
Iowa	2.9
Vermont	2.9
Nebraska	2.7
New Hampshire	2.7
North Dakota	2.6
Hawaii	2.0

# Wyoming Nonagricultural Wage and Salary Employment

by: David Bullard, Senior Economist

	Employment in Thousands			Percent Change Total Employment	
	Nov 2017	Oct 2017	Nov 2016	Oct 2017	Nov 2016
	Nov 2017	Oct 2017	Nov 2016	Nov 2017	Nov 2017
<b>CAMPBELL COUNTY</b>					
<b>TOTAL NONAG. WAGE &amp; SALARY EMPLOYMENT</b>	<b>24.9</b>	<b>25.1</b>	<b>24.6</b>	<b>-0.8</b>	<b>1.2</b>
<b>TOTAL PRIVATE</b>	<b>19.7</b>	<b>19.9</b>	<b>19.4</b>	<b>-1.0</b>	<b>1.5</b>
<b>GOODS PRODUCING</b>	<b>8.2</b>	<b>8.3</b>	<b>7.8</b>	<b>-1.2</b>	<b>5.1</b>
Natural Resources & Mining	5.8	5.8	5.5	0.0	5.5
Construction	2.0	2.1	1.9	-4.8	5.3
Manufacturing	0.4	0.4	0.4	0.0	0.0
<b>SERVICE PROVIDING</b>	<b>16.7</b>	<b>16.8</b>	<b>16.8</b>	<b>-0.6</b>	<b>-0.6</b>
Trade, Transportation, & Utilities	5.1	5.1	5.2	0.0	-1.9
Information	0.2	0.2	0.2	0.0	0.0
Financial Activities	0.7	0.7	0.7	0.0	0.0
Professional & Business Services	1.5	1.5	1.5	0.0	0.0
Educational & Health Services	1.1	1.1	1.1	0.0	0.0
Leisure & Hospitality	2.2	2.3	2.2	-4.3	0.0
Other Services	0.7	0.7	0.7	0.0	0.0
<b>GOVERNMENT</b>	<b>5.2</b>	<b>5.2</b>	<b>5.2</b>	<b>0.0</b>	<b>0.0</b>

	Employment in Thousands			Percent Change Total Employment	
	Nov 2017	Oct 2017	Nov 2016	Oct 2017	Nov 2016
	Nov 2017	Oct 2017	Nov 2016	Nov 2017	Nov 2017
<b>SWEETWATER COUNTY</b>					
<b>TOTAL NONAG. WAGE &amp; SALARY EMPLOYMENT</b>	<b>23.2</b>	<b>23.2</b>	<b>22.8</b>	<b>0.0</b>	<b>1.8</b>
<b>TOTAL PRIVATE</b>	<b>18.4</b>	<b>18.4</b>	<b>18.0</b>	<b>0.0</b>	<b>2.2</b>
<b>GOODS PRODUCING</b>	<b>7.4</b>	<b>7.5</b>	<b>7.3</b>	<b>-1.3</b>	<b>1.4</b>
Natural Resources & Mining	4.6	4.6	4.2	0.0	9.5
Construction	1.5	1.6	1.7	-6.3	-11.8
Manufacturing	1.3	1.3	1.4	0.0	-7.1
<b>SERVICE PROVIDING</b>	<b>15.8</b>	<b>15.7</b>	<b>15.5</b>	<b>0.6</b>	<b>1.9</b>
Trade, Transportation, & Utilities	4.6	4.5	4.7	2.2	-2.1
Information	0.2	0.2	0.2	0.0	0.0
Financial Activities	0.7	0.7	0.7	0.0	0.0
Professional & Business Services	1.1	1.1	0.9	0.0	22.2
Educational & Health Services	1.4	1.4	1.3	0.0	7.7
Leisure & Hospitality	2.3	2.3	2.3	0.0	0.0
Other Services	0.7	0.7	0.6	0.0	16.7
<b>GOVERNMENT</b>	<b>4.8</b>	<b>4.8</b>	<b>4.8</b>	<b>0.0</b>	<b>0.0</b>

	Employment in Thousands			Percent Change Total Employment	
	Nov 2017	Oct 2017	Nov 2016	Oct 2017	Nov 2016
	Nov 2017	Oct 2017	Nov 2016	Nov 2017	Nov 2017
<b>TETON COUNTY</b>					
<b>TOTAL NONAG. WAGE &amp; SALARY EMPLOYMENT</b>	<b>17.6</b>	<b>20.6</b>	<b>17.0</b>	<b>-14.6</b>	<b>3.5</b>
<b>TOTAL PRIVATE</b>	<b>15.0</b>	<b>17.9</b>	<b>14.4</b>	<b>-16.2</b>	<b>4.2</b>
<b>GOODS PRODUCING</b>	<b>2.4</b>	<b>2.5</b>	<b>2.4</b>	<b>-4.0</b>	<b>0.0</b>
Natural Resources, Mining & Construction	2.2	2.3	2.2	-4.3	0.0
Manufacturing	0.2	0.2	0.2	0.0	0.0
<b>SERVICE PROVIDING</b>	<b>15.2</b>	<b>18.1</b>	<b>14.6</b>	<b>-16.0</b>	<b>4.1</b>
Trade, Transportation, & Utilities	2.5	2.8	2.5	-10.7	0.0
Information	0.2	0.2	0.2	0.0	0.0
Financial Activities	1.0	1.0	0.9	0.0	11.1
Professional & Business Services	1.9	2.0	1.8	-5.0	5.6
Educational & Health Services	1.2	1.2	1.1	0.0	9.1
Leisure & Hospitality	5.3	7.7	5.0	-31.2	6.0
Other Services	0.5	0.5	0.5	0.0	0.0
<b>GOVERNMENT</b>	<b>2.6</b>	<b>2.7</b>	<b>2.6</b>	<b>-3.7</b>	<b>0.0</b>

## State Unemployment Rates November 2017 Not Seasonally Adjusted

State	Unemp. Rate
Puerto Rico	10.4
Alaska	7.1
District of Columbia	5.8
New Mexico	5.7
West Virginia	5.0
Nevada	4.9
New Jersey	4.8
Illinois	4.7
Mississippi	4.5
New York	4.5
North Carolina	4.5
Washington	4.5
Arizona	4.3
Connecticut	4.3
Georgia	4.3
Pennsylvania	4.3
Rhode Island	4.3
Louisiana	4.2
Ohio	4.2
<b>Wyoming</b>	<b>4.2</b>
Delaware	4.1
Kentucky	4.1
Montana	4.1
California	4.0
Maryland	4.0
Michigan	4.0
South Carolina	4.0
Oregon	3.9
<b>United States</b>	<b>3.9</b>
Florida	3.8
Oklahoma	3.7
Texas	3.7
Alabama	3.6
Virginia	3.6
Indiana	3.4
Arkansas	3.3
Massachusetts	3.3
South Dakota	3.3
Tennessee	3.3
Kansas	3.2
Missouri	3.2
Idaho	3.1
Maine	3.0
Colorado	2.9
Utah	2.7
Vermont	2.7
Wisconsin	2.7
Minnesota	2.6
Iowa	2.5
New Hampshire	2.5
Nebraska	2.4
North Dakota	2.3
Hawaii	2.0

## Economic Indicators

by: David Bullard, Senior Economist

Total nonfarm employment in Wyoming fell by 1,000 jobs (-0.4%) from November 2016 to November 2017.

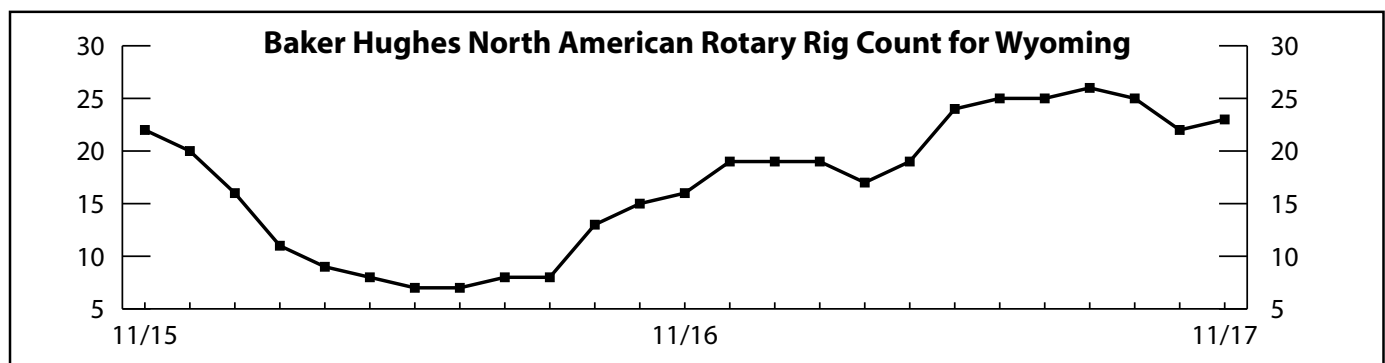
	Nov 2017 (p)	Oct 2017 (r)	Nov 2016 (b)	Percent Change Month	Year
<b>Wyoming Total Nonfarm Employment</b>	<b>273,100</b>	<b>278,500</b>	<b>274,100</b>	<b>-1.9</b>	<b>-0.4</b>
Wyoming State Government	15,100	15,100	15,400	0.0	-1.9
Laramie County Nonfarm Employment	46,900	47,300	46,400	-0.8	1.1
Natrona County Nonfarm Employment	38,000	38,500	37,600	-1.3	1.1
<b>Selected U.S. Employment Data</b>					
U.S. Multiple Jobholders	7,593,000	7,409,000	8,107,000	2.5	-6.3
As a percent of all workers	4.9%	4.8%	5.3%	N/A	N/A
U.S. Discouraged Workers	469,000	524,000	591,000	-10.5	-20.6
U.S. Part Time for Economic Reasons	4,642,000	4,553,000	5,518,000	2.0	-15.9
<b>Wyoming Unemployment Insurance</b>					
Weeks Compensated	11,280	9,076	20,569	24.3	-45.2
Benefits Paid	\$4,003,399	\$3,276,926	\$7,803,654	22.2	-48.7
Average Weekly Benefit Payment	\$354.91	\$361.05	\$379.39	-1.7	-6.5
State Insured Covered Jobs <sup>1</sup>	260,180	264,539	256,396	-1.6	1.5
Insured Unemployment Rate	1.5%	1.1%	2.3%	N/A	N/A
<b>Consumer Price Index (U) for All U.S. Urban Consumers</b> (1982 to 1984 = 100)					
All Items	246.7	246.7	241.4	0.0	2.2
Food & Beverages	250.7	251.1	247.2	-0.2	1.4
Housing	253.2	253.1	246.3	0.0	2.8
Apparel	125.4	129.6	127.4	-3.2	-1.6
Transportation	204.0	202.5	195.4	0.8	4.4
Medical Care	477.2	477.1	469.3	0.0	1.7
Recreation (Dec. 1997=100)	118.4	118.7	116.7	-0.2	1.4
Education & Communication (Dec. 1997=100)	136.7	136.5	139.1	0.2	-1.7
Other Goods & Services	436.4	436.3	426.0	0.0	2.4
Producer Prices (1982 to 1984 = 100)					
All Commodities	195.8	194.8	186.3	0.5	5.1
<b>Wyo. Bldg. Permits (New Privately Owned Housing Units Authorized)</b>					
Total Units	170	146	129	16.4	31.8
Valuation	\$35,032,000	\$37,203,000	\$46,934,000	-5.8	-25.4
Single Family Homes	103	144	111	-28.5	-7.2
Valuation	\$26,482,000	\$36,995,000	\$44,934,000	-28.4	-41.1
Casper MSA <sup>2</sup> Building Permits	9	18	17	-50.0	-47.1
Valuation	\$2,081,000	\$3,649,000	\$1,622,000	-43.0	28.3
Cheyenne MSA Building Permits	94	43	35	118.6	168.6
Valuation	\$13,450,000	\$7,339,000	\$5,668,000	83.3	137.3
<b>Baker Hughes North American Rotary Rig Count for Wyoming</b>	<b>23</b>	<b>22</b>	<b>16</b>	<b>4.5</b>	<b>43.8</b>

(p) Preliminary. (r) Revised. (b) Benchmarked.

<sup>1</sup>Local Area Unemployment Statistics Program estimates.

<sup>2</sup>Metropolitan Statistical Area.

Note: Production worker hours and earnings data have been dropped from the Economic Indicators page because of problems with accuracy due to a small sample size and high item nonresponse. The U.S. Bureau of Labor Statistics will continue to publish these data online at <http://www.bls.gov/eag/eag.wy.htm>.





# Wyoming County Unemployment Rates

by: Carola Cowan, BLS Programs Supervisor

*Compared to a year earlier, unemployment rates increased in several counties, including Teton, Carbon, Park, and Washakie counties.*

REGION	Labor Force			Employed			Unemployed			Unemployment Rates		
	Nov 2017	Oct 2017	Nov 2016	Nov 2017	Oct 2017	Nov 2016	Nov 2017	Oct 2017	Nov 2016	Nov 2017	Oct 2017	Nov 2016
County	(p)	(r)	(b)	(p)	(r)	(b)	(p)	(r)	(b)	(p)	(r)	(b)
<b>NORTHWEST</b>	<b>46,733</b>	<b>46,989</b>	<b>48,016</b>	<b>44,569</b>	<b>45,059</b>	<b>45,617</b>	<b>2,164</b>	<b>1,930</b>	<b>2,399</b>	<b>4.6</b>	<b>4.1</b>	<b>5.0</b>
Big Horn	5,509	5,545	5,588	5,298	5,345	5,354	211	200	234	3.8	3.6	4.2
Fremont	19,688	19,552	20,181	18,690	18,629	18,971	998	923	1,210	5.1	4.7	6.0
Hot Springs	2,297	2,267	2,466	2,213	2,188	2,363	84	79	103	3.7	3.5	4.2
Park	15,042	15,454	15,439	14,334	14,869	14,746	708	585	693	4.7	3.8	4.5
Washakie	4,197	4,171	4,342	4,034	4,028	4,183	163	143	159	3.9	3.4	3.7
<b>NORTHEAST</b>	<b>50,479</b>	<b>50,236</b>	<b>52,344</b>	<b>48,447</b>	<b>48,327</b>	<b>49,781</b>	<b>2,032</b>	<b>1,909</b>	<b>2,563</b>	<b>4.0</b>	<b>3.8</b>	<b>4.9</b>
Campbell	22,916	22,739	24,218	21,921	21,783	22,775	995	956	1,443	4.3	4.2	6.0
Crook	3,737	3,741	3,748	3,626	3,631	3,610	111	110	138	3.0	2.9	3.7
Johnson	4,158	4,228	4,184	4,005	4,071	3,997	153	157	187	3.7	3.7	4.5
Sheridan	15,871	15,779	16,148	15,250	15,230	15,534	621	549	614	3.9	3.5	3.8
Weston	3,797	3,749	4,046	3,645	3,612	3,865	152	137	181	4.0	3.7	4.5
<b>SOUTHWEST</b>	<b>57,444</b>	<b>58,703</b>	<b>58,730</b>	<b>54,792</b>	<b>56,552</b>	<b>55,740</b>	<b>2,652</b>	<b>2,151</b>	<b>2,990</b>	<b>4.6</b>	<b>3.7</b>	<b>5.1</b>
Lincoln	8,585	8,766	8,694	8,250	8,483	8,361	335	283	333	3.9	3.2	3.8
Sublette	4,315	4,347	4,275	4,142	4,185	4,052	173	162	223	4.0	3.7	5.2
Sweetwater	21,549	21,365	22,425	20,638	20,476	21,254	911	889	1,171	4.2	4.2	5.2
Teton	13,752	15,059	13,878	12,914	14,594	13,085	838	465	793	6.1	3.1	5.7
Uinta	9,243	9,166	9,458	8,848	8,814	8,988	395	352	470	4.3	3.8	5.0
<b>SOUTHEAST</b>	<b>82,644</b>	<b>82,054</b>	<b>84,678</b>	<b>79,916</b>	<b>79,386</b>	<b>81,907</b>	<b>2,728</b>	<b>2,668</b>	<b>2,771</b>	<b>3.3</b>	<b>3.3</b>	<b>3.3</b>
Albany	21,338	21,023	21,829	20,740	20,451	21,235	598	572	594	2.8	2.7	2.7
Goshen	7,138	7,057	7,357	6,945	6,868	7,151	193	189	206	2.7	2.7	2.8
Laramie	48,061	47,838	49,402	46,326	46,127	47,667	1,735	1,711	1,735	3.6	3.6	3.5
Niobrara	1,341	1,357	1,352	1,310	1,326	1,316	31	31	36	2.3	2.3	2.7
Platte	4,766	4,779	4,738	4,595	4,614	4,538	171	165	200	3.6	3.5	4.2
<b>CENTRAL</b>	<b>54,207</b>	<b>54,322</b>	<b>56,645</b>	<b>51,609</b>	<b>51,879</b>	<b>53,401</b>	<b>2,598</b>	<b>2,443</b>	<b>3,244</b>	<b>4.8</b>	<b>4.5</b>	<b>5.7</b>
Carbon	7,928	8,027	8,442	7,612	7,739	8,121	316	288	321	4.0	3.6	3.8
Converse	7,531	7,516	7,816	7,226	7,218	7,405	305	298	411	4.0	4.0	5.3
Natrona	38,748	38,779	40,387	36,771	36,922	37,875	1,977	1,857	2,512	5.1	4.8	6.2
<b>STATEWIDE</b>	<b>291,505</b>	<b>292,305</b>	<b>300,414</b>	<b>279,333</b>	<b>281,202</b>	<b>286,447</b>	<b>12,172</b>	<b>11,103</b>	<b>13,967</b>	<b>4.2</b>	<b>3.8</b>	<b>4.6</b>

Statewide Seasonally Adjusted ..... 4.3 4.2 4.9  
 U.S..... 3.9 3.9 4.4  
 U.S. Seasonally Adjusted..... 4.1 4.1 4.6

Prepared in cooperation with the Bureau of Labor Statistics. Benchmarked 03/2017. Run Date 12/2017.

Data are not seasonally adjusted except where otherwise specified.

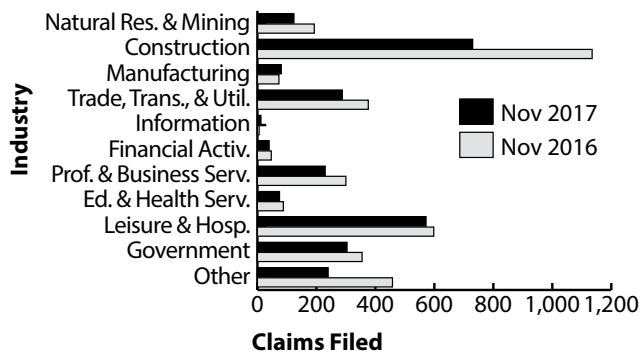
(p) Preliminary. (r) Revised. (b) Benchmarked.

## Wyoming Normalized<sup>a</sup> Unemployment Insurance Statistics: Initial Claims

by: *Patrick Manning, Principal Economist*

The total number of initial claims in Wyoming continued to decline in November 2017, down 25.7% (-948 claims) from November 2016.

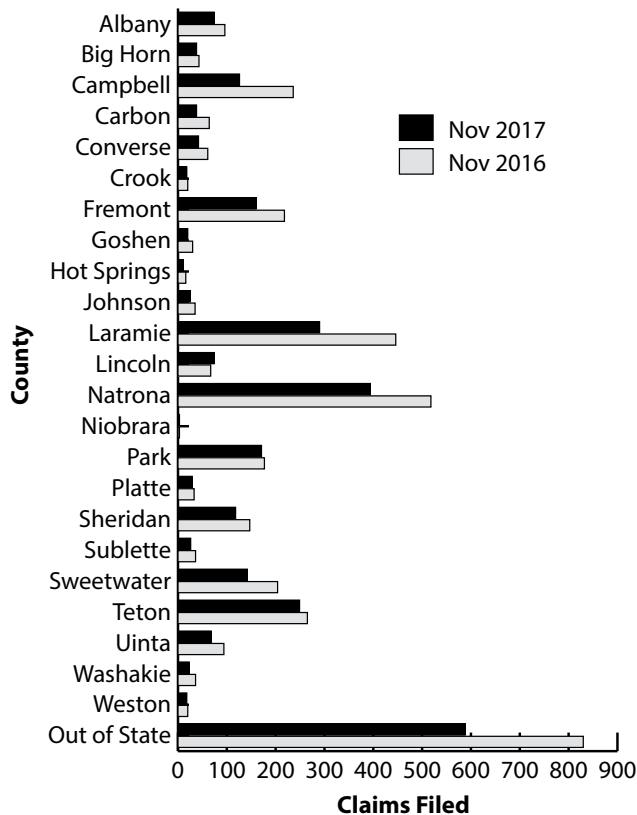
### Initial Unemployment Insurance Claims by Industry, November 2017



### INITIAL CLAIMS

	Claims Filed		% Change		
	Nov 17	Oct 17	Nov 16	Oct 17	
<b>Wyoming Statewide</b>					
<b>TOTAL CLAIMS FILED</b>	<b>2,747</b>	<b>2,412</b>	<b>3,695</b>	<b>13.9</b>	<b>-25.7</b>
<b>TOTAL GOODS-PRODUCING</b>	<b>936</b>	<b>471</b>	<b>1,402</b>	<b>98.7</b>	<b>-33.2</b>
Natural Res. & Mining	124	72	193	72.2	-35.8
Mining	88	62	167	41.9	-47.3
Oil & Gas Extraction	6	4	10	50.0	-40.0
Construction	730	357	1,135	104.5	-35.7
Manufacturing	81	41	73	97.6	11.0
<b>TOTAL SERVICE-PROVIDING</b>	<b>1,266</b>	<b>1,500</b>	<b>1,477</b>	<b>-15.6</b>	<b>-14.3</b>
Trade, Transp., & Utilities	288	299	376	-3.7	-23.4
Wholesale Trade	44	29	57	51.7	-22.8
Retail Trade	163	177	206	-7.9	-20.9
Transp., Warehousing & Utilities	81	93	113	-12.9	-28.3
Information	12	8	6	50.0	100.0
Financial Activities	40	37	47	8.1	-14.9
Prof. & Business Svcs.	230	177	300	29.9	-23.3
Educational & Health Svcs.	75	97	88	-22.7	-14.8
Leisure & Hospitality	572	838	598	-31.7	-4.3
Other Svcs., exc. Public Admin.	42	37	53	13.5	-20.8
<b>TOTAL GOVERNMENT</b>	<b>304</b>	<b>272</b>	<b>355</b>	<b>11.8</b>	<b>-14.4</b>
Federal Government	214	156	239	37.2	-10.5
State Government	12	35	19	-65.7	-36.8
Local Government	77	80	97	-3.8	-20.6
Local Education	13	15	23	-13.3	-43.5
UNCLASSIFIED	240	167	458	43.7	-47.6

### Initial Unemployment Insurance Claims by County, November 2017



### Laramie County

	290	253	445	14.6	-34.8
<b>TOTAL CLAIMS FILED</b>	<b>290</b>	<b>253</b>	<b>445</b>	<b>14.6</b>	<b>-34.8</b>
<b>TOTAL GOODS-PRODUCING</b>	<b>122</b>	<b>82</b>	<b>243</b>	<b>48.8</b>	<b>-49.8</b>
Construction	115	72	228	59.7	-49.6
<b>TOTAL SERVICE-PROVIDING</b>	<b>139</b>	<b>139</b>	<b>167</b>	<b>0.0</b>	<b>-16.8</b>
Trade, Transp., & Utilities	52	36	68	44.4	-23.5
Financial Activities	9	8	4	12.5	125.0
Prof. & Business Svcs.	30	49	49	-38.8	-38.8
Educational & Health Svcs.	15	16	14	-6.3	7.1
Leisure & Hospitality	19	22	22	-13.6	-13.6
<b>TOTAL GOVERNMENT</b>	<b>15</b>	<b>24</b>	<b>14</b>	<b>-37.5</b>	<b>7.1</b>
UNCLASSIFIED	12	6	20	100.0	-40.0

### Natrona County

	394	284	517	38.7	-23.8
<b>TOTAL CLAIMS FILED</b>	<b>394</b>	<b>284</b>	<b>517</b>	<b>38.7</b>	<b>-23.8</b>
<b>TOTAL GOODS-PRODUCING</b>	<b>204</b>	<b>90</b>	<b>250</b>	<b>126.7</b>	<b>-18.4</b>
Construction	155	71	194	118.3	-20.1
<b>TOTAL SERVICE-PROVIDING</b>	<b>172</b>	<b>167</b>	<b>242</b>	<b>3.0</b>	<b>-28.9</b>
Trade, Transp., & Utilities	43	53	82	-18.9	-47.6
Financial Activities	6	10	14	-40.0	-57.1
Prof. & Business Svcs.	49	27	67	81.5	-26.9
Educational & Health Svcs.	15	18	19	-16.7	-21.1
Leisure & Hospitality	40	39	39	2.6	2.6
<b>TOTAL GOVERNMENT</b>	<b>6</b>	<b>10</b>	<b>13</b>	<b>-40.0</b>	<b>-53.8</b>
UNCLASSIFIED	11	15	11	-26.7	0.0

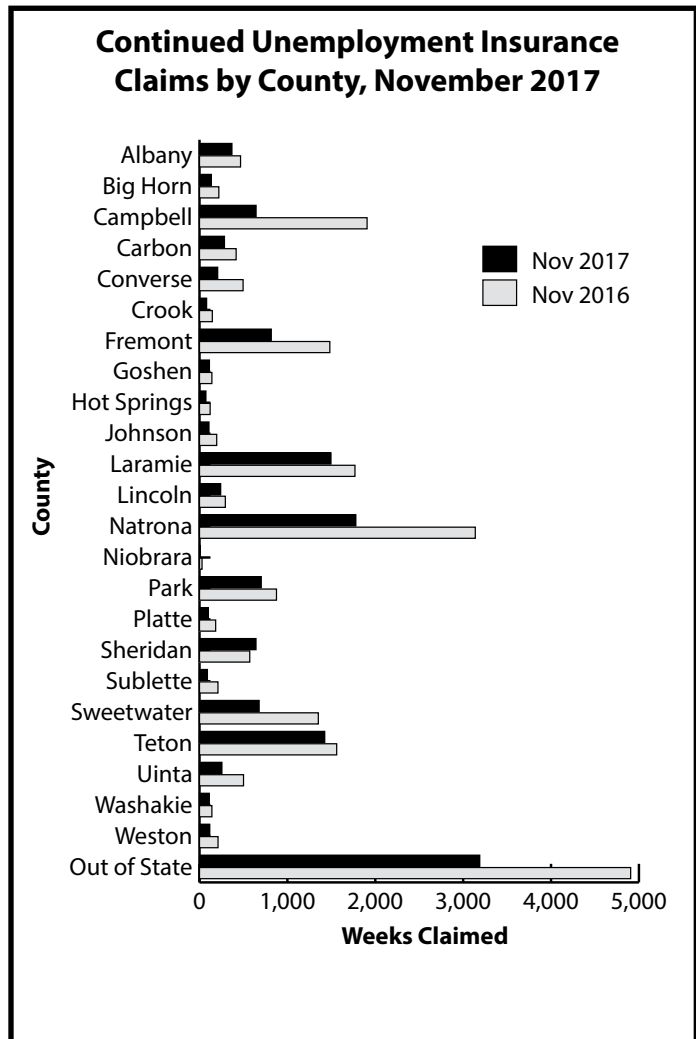
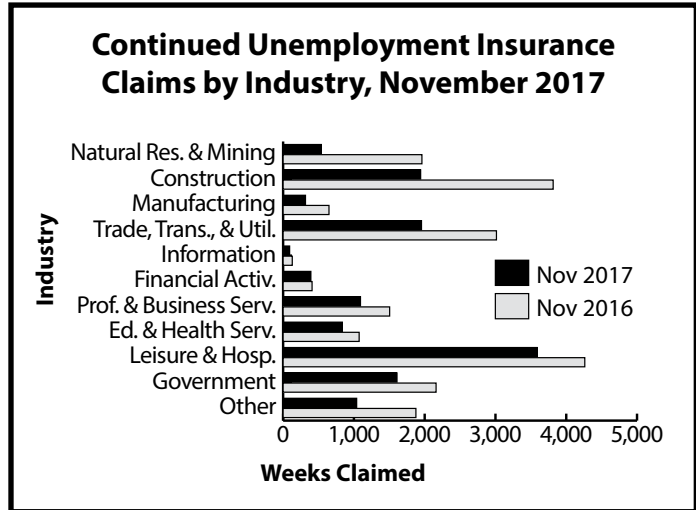
<sup>a</sup>An average month is considered 4.33 weeks. If a month has four weeks, the normalization factor is 1.0825. If the month has five weeks, the normalization factor is 0.866. The number of raw claims is multiplied by the normalization factor to achieve the normalized claims counts.

# Wyoming Normalized<sup>a</sup> Unemployment Insurance Statistics: Continued Claims

by: **Patrick Manning, Principal Economist**

Over the year, the number of unique claimants with continued claims decreased by 35.5% (-1,941 individuals). Total continued weeks claimed decreased by 35.9% (-7,665 weeks).

CONTINUED CLAIMS	% Change Weeks Claimed				
	Continued Weeks Claimed Nov 17		Nov 17		Nov 16
	Nov 17	Oct 17	Nov 16	Oct 17	Nov 16
<b>Wyoming Statewide</b>					
TOTAL WEEKS CLAIMED	13,675	9,580	21,340	42.7	-35.9
TOTAL UNIQUE CLAIMANTS	3,528	2,970	5,469	18.8	-35.5
Benefit Exhaustions	219	224	522	-2.2	-58.0
Benefit Exhaustion Rates	6.2%	7.5%	9.5%	-1.3%	-3.3%
<b>TOTAL GOODS-PRODUCING</b>					
Natural Res. & Mining	540	507	1,961	6.5	-72.5
Mining	432	437	1,838	-1.1	-76.5
Oil & Gas Extraction	69	79	276	-12.7	-75.0
Construction	1,943	1,648	3,815	17.9	-49.1
Manufacturing	316	227	648	39.2	-51.2
<b>TOTAL SERVICE-PROVIDING</b>					
Trade, Transp., & Utilities	8,226	5,262	10,876	56.3	-24.4
Wholesale Trade	1,955	1,600	3,014	22.2	-35.1
Retail Trade	268	252	719	6.3	-62.7
Transp., Warehousing & Utilities	1,182	959	1,476	23.3	-19.9
Information	505	389	819	29.8	-38.3
Financial Activities	92	110	129	-16.4	-28.7
Prof. & Business Services	392	340	409	15.3	-4.2
Educational & Health Svcs.	1,093	922	1,505	18.5	-27.4
Leisure & Hospitality	837	840	1,074	-0.4	-22.1
Other Svcs., exc. Public Adm.	3,589	1,214	4,262	195.6	-15.8
UNCLASSIFIED	262	230	475	13.9	-44.8
<b>TOTAL GOVERNMENT</b>					
Federal Government	1,609	1,041	2,161	54.6	-25.5
State Government	723	214	895	237.9	-19.2
Local Government	195	172	200	13.4	-2.5
Local Education	690	654	1,065	5.5	-35.2
UNCLASSIFIED	198	226	250	-12.4	-20.8
UNCLASSIFIED	1,039	893	1,876	16.3	-44.6
<b>Laramie County</b>					
TOTAL WEEKS CLAIMED	1,496	1,380	1,769	8.4	-15.4
TOTAL UNIQUE CLAIMANTS	381	417	465	-8.6	-18.1
<b>TOTAL GOODS-PRODUCING</b>					
Construction	372	339	488	9.7	-23.8
<b>TOTAL SERVICE-PROVIDING</b>					
Trade, Transp., & Utilities	309	268	348	15.3	-11.2
Financial Activities	911	910	1,021	0.1	-10.8
Prof. & Business Svcs.	262	219	398	19.6	-34.2
Educational & Health Svcs.	99	90	36	10.0	175.0
Leisure & Hospitality	227	283	242	-19.8	-6.2
UNCLASSIFIED	164	157	120	4.5	36.7
TOTAL GOVERNMENT	99	63	131	57.1	-24.4
UNCLASSIFIED	161	88	149	83.0	8.1
UNCLASSIFIED	51	41	109	24.4	-53.2
<b>Natrona County</b>					
TOTAL WEEKS CLAIMED	1,778	1,554	3,138	14.4	-43.3
TOTAL UNIQUE CLAIMANTS	483	469	822	3.0	-41.2
<b>TOTAL GOODS-PRODUCING</b>					
Construction	520	379	1,177	37.2	-55.8
<b>TOTAL SERVICE-PROVIDING</b>					
Trade, Transp., & Utilities	381	278	582	37.1	-34.5
Financial Activities	1,105	1,024	1,756	7.9	-37.1
Professional & Business Svcs.	364	338	656	7.7	-44.5
Educational & Health Svcs.	68	74	58	-8.1	17.2
Leisure & Hospitality	174	139	312	25.2	-44.2
UNCLASSIFIED	209	241	283	-13.3	-26.1
UNCLASSIFIED	208	161	303	29.2	-31.4
TOTAL GOVERNMENT	100	99	145	1.0	-31.0
UNCLASSIFIED	51	50	58	2.0	-12.1



<sup>a</sup>An average month is considered 4.33 weeks. If a month has four weeks, the normalization factor is 1.0825. If the month has five weeks, the normalization factor is 0.866. The number of raw claims is multiplied by the normalization factor to achieve the normalized claims counts.

PRSR STD  
US POSTAGE PAID  
CASPER WY  
PERMIT NO. 100

**Wyoming Department of Workforce  
Services, Research & Planning  
P.O. Box 2760  
Casper, WY 82602**

---

**Official Business  
Penalty for Private Use \$300  
Return Service Requested**

[ ]