

## YOUTHS AND NONRESIDENTS IN WYOMING'S LABOR FORCE, PART 3: Occupations, Earnings, and Career Opportunities

by: Michael Moore, Research Analyst

This article is the third in a three-part series discussing resident youths and nonresidents in Wyoming's labor market. The previous two articles reviewed the increase in nonresidents in Wyoming's labor force and the decline in resident youth employment, and employment trends at the county and industry levels. This article looks at the types of occupations for which these two segments of the population are hired and what they earn.

yoming employers have historically relied to some degree on nonresident workers. For this series of articles, nonresidents are defined as "individuals without a Wyomingissued driver's license or at least four quarters of work history in Wyoming" (Jones, 2002). The number and proportion of nonresidents working in Wyoming is influenced by economic trends. During times of economic expansion, Wyoming employers turn to nonresidents to fill vacancies when they have exhausted the local labor supply (Leonard, 2010). When the economy contracts, nonresidents leave Wyoming and return to their home states.

Resident youths are defined in this series of articles as those individuals ages 19 and younger who possess a Wyoming driver's license. Since 2008, the number and proportion of resident youths participating in Wyoming's labor force has declined substantially, while the overall youth population has remained relatively flat (Moore, 2013a).

Wyoming's economy expanded rapidly from 2005 to 2008. Then in first quarter 2009 (2009Q1), Wyoming's economy contracted for five consecutive quarters.

(Text continued on page 3)

# HIGHLIGHTS

- From 2011 to 2012, Wyoming experienced essentially no change in the number of work-related injuries and illnesses resulting in days away from work for private industry. Overall, males continued to experience work-related injuries and illnesses more frequently than females. .... page 11
- Initial Unemployment Insurance claims decreased by 33.9% over the year with large decreases in construction (-56.4%), professional & business services (-33.5%), and leisure & hospitality (-22.5%).... page 26



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### Wyoming Labor Force Trends

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

Tom Gallagher, Manager

Tony Glover, Workforce Information Supervisor

Carola Cowan, Bureau of Labor Statistics Programs Supervisor

Phil Ellsworth, Editor Michael Moore, Associate Editor

Editorial Committee: David Bullard, Valerie A. Davis, Phil Ellsworth, Michele Holmes, and Michael Moore

Contributors to *Wyoming Labor* Force Trends this month: David Bullard, Carola Cowan, Valerie A. Davis, Patrick Harris, and Michael Moore.

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R&P has identified the period from 2009Q1 through 2010Q1 as an economic downturn because average monthly employment, average monthly wage, and total wages all decreased from previous-year levels for five consecutive quarters, according to the Quarterly Census of Employment and Wages (Moore, 2013b).

This article will discuss the specific types of occupations for which resident youths and nonresidents are hired, the wages they are paid, and potential training opportunities for Wyoming schools and employers.

#### Background

The two previous articles in this series identified the number of nonresidents and resident youths in Wyoming's workforce since 2000, and the types of industries in which these two segments of the population were employed. This was accomplished by linking the Wyoming Wage Records database with driver's license files in order to identify the demographics of Wyoming's workforce. While linking these two databases provides a tremendous amount of rich detail, it is not possible to identify the specific occupations in which these two segments of the population worked. For example, R&P determined that 11,876 nonresidents were employed at any time in Wyoming's construction industry in 2012. However, the existing administrative databases do not provide information on what types of occupations nonresidents in the construction industry worked.

In order to identify job characteristics

that were previously unavailable, R&P designed and implemented a New Hires Survey. For each quarter since fourth quarter 2009 (2009Q4), the New Hires Survey has allowed R&P to capture detailed information on occupations, benefits, wages, full- or part-time employment status, education and licensing requirements, and necessary skills for Wyoming jobs (Knapp, 2013). New hires are defined as workers who had not previously worked for a particular employer since 1992, the first year for which wage records are available for analyses (Knapp, 2011).

By linking the results of the New Hires Survey with the Wage Records database and driver's license files from the Department of Transportation, R&P is able to identify the types of jobs for which nonresidents and resident youths are hired, how much they are paid, the benefits they are offered, how long they worked at those jobs, the number of hours they worked, the types of skills required for those jobs, and more. Results from the New Hires Survey are available online at http://doe.state.wy.us/LMI/newhires.htm.

### Results from the New Hires Survey

As mentioned in the first article in this series, the number of nonresidents working at any time in Wyoming has increased over the last several years, while the total number of resident youths working at any time has declined substantially (Moore, 2013a). Figure 1 (see page 4) shows the total number of nonresidents and resident youths working in Wyoming at any time from 2009 to 2013. During 2009 and 2010, while Wyoming was in the midst of an economic downturn, both population segments experienced a decrease in the total number of persons working. However, during the recovery period that has followed, the number of resident youths working at any time has continued to decrease, while the number of nonresidents working at any time has increased substantially.

A similar trend can be seen among new hires. Figure 2 (see page 5) shows the estimated number of resident youth and nonresident new hires in Wyoming from 2009Q4 to 2013Q2. Because seasonal hiring patterns vary from quarter to quarter, this figure uses four-quarter moving averages, which helps to smooth out and more easily identify trends. The number of resident youth new hires has consistently decreased since 2010, while the number of nonresident new hires has increased.

R&P has been collecting information from the New Hires Survey since 2009Q4, when the state was in the midst of an



Figure 1: Number of Resident Youths (19 and Under) and Nonresidents Employed in Wyoming at Any Time, 2009-2013



Figure 2: Total Number of Resident Youth and Nonresident New Hires in Wyoming, 2009Q4-2013Q2

# Table 1: Estimated Number of New Hires in Wyoming by SelectedPopulation Segments, 2009Q4-2013Q2

Year and	Total	Nonresidents		Resident	Youths		
Quarter	Ν	Ν	Row %	Ν	Row %		
2009Q4	20,697	2,010	9.7%	2,194	10.6%		
2010Q1	20,128	2,189	10.9%	2,179	10.8%		
2010Q2	45,345	8,489	18.7%	7,212	15.9%		
2010Q3	48,268	8,369	17.3%	7,091	14.7%		
2010Q4	26,720	2,731	10.2%	3,132	11.7%		
2011Q1	25,038	2,934	11.7%	2,681	10.7%		
2011Q2	39,620	6,347	16.0%	6,487	16.4%		
2011Q3	36,969	5,095	13.8%	5,665	15.3%		
2011Q4	25,285	4,389	17.4%	2,482	9.8%		
2012Q1	22,100	4,024	18.2%	1,946	8.8%		
2012Q2	31,742	8,027	25.3%	3,917	12.3%		
2012Q3	31,775	8,129	25.6%	3,655	11.5%		
2012Q4	24,025	5,793	24.1%	2,437	10.1%		
2013Q1	19,365	5,095	26.3%	1,693	8.7%		
2013Q2	34,116	11,675	34.2%	3,841	11.3%		
Source: New Hires Survey, 2009Q4-2013Q2. (http://doe.state.wy.us/LMI/newhires.htm)							

economic downturn. During that quarter, Wyoming employers added 20,697 new hires; of those, 2,010 (9.7%) were nonresidents and 2,194 (10.6%) were resident youths (see Table 1). From 201001 to 2011Q3, nonresidents and resident youths each made up a similar proportion of the total number of new hires during most quarters; for example, in 2011Q2, 16.0% of the 39,620 new hires were nonresidents. and 16.4% were resident vouths. Since 201104, however, the number of resident youth new hires has dropped considerably. During each quarter from 2012Q1-2013Q2, Wyoming employers added at least twice as many nonresident new hires as resident youth new hires (see Table 1). In 2013Q2, Wyoming employers added 11,675 nonresident new hires compared to 3,841 resident youth new hires.

The proportion of nonresidents among all new hires also increased significantly since the start of the New Hires Survey. In 2009Q4, nonresidents accounted for 9.7% of the 20,697 new hires. Since 2012Q2, nonresidents have accounted for approximately one in every four new hires during each quarter (see Figure 3, page 6). In 2013Q2, nonresidents made up 34.2% of all new hires.

## Occupations and Wages

Many resident youths and nonresidents are hired to fill relatively low-paying jobs that are seasonal and require no education beyond a high school diploma. Of the top 10 occupations for nonresident new hires from 2010Q4 to 2012Q3, nine required a high school diploma or less. Only one (operating engineers & other construction equipment operators) required any sort of post-secondary education (see Table 2b, page 7).

During this eight-quarter period, Wyoming employers added 26,917 nonresident new hires with an average hourly wage of \$13.00, compared to \$12.32 for all new hires (see Table 2, page 7). The top occupations for nonresident new hires were maids & housekeeping cleaners (1,816); construction laborers (1,145); cooks, restaurant (1,115); truck drivers, heavy & tractor-trailer (999); and cashiers (998). Of the top 10 occupations for nonresident new hires, seven had an

(Text continued on page 8)



Figure 3: Total Number of New Hires and Nonresidents as a Percentage of All New Hires in Wyoming, 2009Q4-2013Q2

http://doe.state.wy.us/LMI

Table 2: Top 10 Occupations for Total, Nonresident, and Resident Youth New Hires in Wyoming, 2010Q4-2012Q3

Tabl	e 2a: Tota	al, All New Hires			
	SOC <sup>a</sup>			Average	
Ran	k Code	Occupation	N	Wage	<b>Educational Requirement</b>
1	41-2011	Cashiers	9,937	\$8.50	High School Diploma or Less
2	53-3032	Truck Drivers, Heavy & Tractor-Trailer	8,810	\$18.00	High School Diploma or Less
3	41-2031	Retail Salespersons	7,232	\$8.50	High School Diploma or Less
4	37-2012	Maids & Housekeeping Cleaners	6,668	\$8.50	High School Diploma or Less
5	35-3021	Combined Food Preparation & Serving Workers	6,347	\$8.00	High School Diploma or Less
6	47-2061	Construction Laborers	6,338	\$14.00	High School Diploma or Less
7	43-9061	Office Clerks, General	6,210	\$12.00	High School Diploma or Less
8	35-3031	Waiters & Waitresses	5,460	\$4.00	High School Diploma or Less
9	35-2014	Cooks, Restaurant	4,290	\$9.00	High School Diploma or Less
10	37-3011	Landscaping & Groundskeeping Workers	3,907	\$10.50	High School Diploma or Less
Sub	total, Top	10 Occupations	65,200		
Total, All Occupations			200,555	\$12.32	

Tabl	e 2b: Noi	nresident New Hires			
	SOC <sup>a</sup>			Average	
Ran	k Code	Occupation	Ν	Wage	Educational Requirement
1	37-2012	Maids & Housekeeping Cleaners	1,816	\$8.50	High School Diploma or Less
2	47-2061	Construction Laborers	1,145	\$15.00	High School Diploma or Less
3	35-2014	Cooks, Restaurant	1,115	\$8.50	High School Diploma or Less
4	53-3032	Truck Drivers, Heavy & Tractor-Trailer	999	\$18.00	High School Diploma or Less
5	41-2011	Cashiers	998	\$9.00	High School Diploma or Less
6	35-9021	Dishwashers	882	\$8.50	High School Diploma or Less
7	35-3031	Waiters & Waitresses	798	\$3.75	High School Diploma or Less
8	35-3021	Combined Food Preparation & Serving Workers	749	\$10.00	High School Diploma or Less
9	47-2073	Operating Engineers & Other Construction	705	\$18.50	Post Secondary
10	41-2031	Retail Salespersons	581	\$8.84	High School Diploma or Less
Sub	total, Top	10 Occupations	9,787		
Tota	l, All Occ	upations	26,917	\$13.00	

Tabl	e 2c: Res	ident Youth New Hires			
	SOC <sup>a</sup>			Average	
Rank	c Code	Occupation	N	Wage	Educational Requirement
1	41-2011	Cashiers	1,870	\$8.50	High School Diploma or Less
2	35-3021	Combined Food Preparation & Serving Workers	1,492	\$7.75	High School Diploma or Less
3	41-2031	Retail Salespersons	1,471	\$8.00	High School Diploma or Less
4	35-3031	Waiters & Waitresses	1,267	\$4.00	High School Diploma or Less
5	35-9021	Dishwashers	1,197	\$8.25	High School Diploma or Less
6	37-3011	Landscaping & Groundskeeping Workers	995	\$10.00	High School Diploma or Less
7	35-2011	Cooks, Fast Food	774	\$8.00	High School Diploma or Less
8	37-2012	Maids & Housekeeping Cleaners	631	\$8.25	High School Diploma or Less
9	35-3022	Counter Attendants, Cafeteria, Food Concession	577	\$7.25	High School Diploma or Less
10	35-2014	Cooks, Restaurant	533	\$8.50	High School Diploma or Less
Subt	otal, Top	10 Occupations	10,806		
Total, All Occupations			23,518	\$9.00	

<sup>a</sup>Standard Occupational Classification.

Source: New Hires Survey, 2010Q4-2013Q2 (http://doe.state.wy.us/LMI/newhires.htm).

(Text continued from page 6)

average hourly wage of less than \$13.00. Those in the top 10 new hires accounted for 36.4% of all nonresident new hires.

Of the top 10 occupations for which Wyoming employers hire nonresidents, seven are the same occupations for which employers hire resident youths (see Tables 2b and 2c). This occupational overlap suggests that nonresidents outcompete resident youths to work as maids & housekeeping cleaners, restaurant cooks, cashiers, dishwashers, waiters & waitresses, food preparation & serving workers, and retail salespersons.

Nonresidents also compete for jobs with resident females, who are often hired for occupations such as maids & housekeeping cleaners, cashiers, waiters & waitresses, combined food preparation & serving workers, and retail salespersons. Each of these occupations was found in the top 10 for both resident female new hires and nonresident new hires with resident females making up more than half of all new hires in each of these occupations (see Figure 4). Are nonresidents being hired for these types of occupations because Wyoming employers have exhausted the resident female labor supply, or are employers hiring nonresidents instead of resident females?

Wyoming employers appear to be relying on nonresident workers more than ever before. As previously mentioned, nonresidents have historically been hired to work temporary seasonal jobs. However, employers are turning to nonresidents to fill other jobs that require more education and pay higher wages. Table 3 (see page 9) shows the top 10 occupations requiring more than a high school diploma for nonresident new hires. In four of these occupations, at least one in every five (20.0%) new hires was a nonresident: welders, cutters, solderers, & brazers (21.3%); crane & tower operators (28.4%); construction managers (43.1%); and surveying & mapping technicians (37.7%). Rounding up, operating engineers & other construction equipment operators fell into this category as well, with nonresidents accounting for 19.5% (705) of the 3,614 total new hires.



Figure 4: Top 10 Occupations for Nonresident New Hires by Gender and Resident Status, 2010Q4-2012Q3

The occupations presented in Table 3 – specifically those marked with an asterisk – may represent training opportunities for Wyoming educators, training providers, and employers. Wyoming employers hired a significant proportion of these workers from outside of the state. This may indicate that Wyoming's training providers and educators need to prepare more individuals to work in these types of jobs.

### Conclusion and Future Research

The findings presented in this threepart series of articles point to an ongoing trend and were not unique to 2012. The research for these articles was conducted using Wage Records data through 2012. R&P recently published its latest Earnings in Wyoming by County, Industry, Age, and Gender, 2000-2013 (R&P, 2014), which includes data from 2013. The trends described in this series of articles continued in 2013: the number of resident youths working at any time continued to decline, and the number of nonresidents working at any time once again increased from previous year levels, even though the total number of persons working at any time in Wyoming declined from 2012 to 2013. The updated Earnings in Wyoming by County, Industry, Age, and Gender are available online at http://doe.state.wy.us/ LMI/earnings\_tables/2014/index.htm.

R&P has also compiled four more quarters of new hires data since the research for these articles was done. Preliminary findings from the most recent new hires estimates – from 2011Q4 through 2013Q3 – are consistent with those presented in this article. Nine of the top 10 occupations for nonresident new hires were the same as those presented in Table 2b. The new hires estimates for 2011Q4 to 2013Q3 are being reviewed and will be available soon at http:// doe.state.wy.us/LMI/newhires.htm.

A forthcoming article will present other

# Table 3: Top 10 Occupations for Nonresident New Hires Requiring More than a High School Diploma, 2010Q4-2012Q3

SOC			Total	Nonre	sidents	v	Vages
Code	Occupation	Education	Ν	N	Row %	Total	Nonresidents
47-2073	Operating Engineers & Other Construction *	Post Secondary	3,614	705	19.5	\$18.00	\$18.50
51-4121	Welders, Cutters, Solderers, & Brazers *	Post Secondary	2,499	531	21.3	\$18.00	\$18.00
47-2111	Electricians	Post Secondary	2,211	235	10.6	\$24.00	\$20.83
11-1021	General & Operations Managers	Associates	1,354	177	13.1	\$31.25	\$46.24
49-907 <sup>-</sup>	1 Maintenance & Repair Workers, General	Post Secondary	1,590	165	10.4	\$13.50	\$12.00
31-1014	Nursing Assistants	Post Secondary	1,958	135	6.9	\$12.00	\$12.75
11-9021	Construction Managers *	Bachelors	306	132	43.1	\$43.26	\$38.94
17-3031	Surveying & Mapping Technicians *	Associates	300	113	37.7	\$16.00	\$16.00
49-904 <sup>-</sup>	IIndustrial Machinery Mechanics	Post Secondary	859	111	13.0	\$20.00	\$25.00
53-7021	Crane & Tower Operators *	Post Secondary	379	108	28.4	\$22.72	\$17.00
Subtota	al, All Occupations Requiring More than a Hig	gh School Diploma	40,488	5,023	12.4%		
Total, A	All Occupations		200,555	26,917	13.4%	\$14.50	\$13.00
* At least 1 in 5 new hires for this occupation was a nonresident.							

Source: New Hires Survey, 2010Q4-2013Q2. (http://doe.state.wy.us/LMI/newhires.htm)

factors that have influenced the decline in resident youths participating in Wyoming's labor force, including obtaining a Wyoming driver's license and transportation. Although the resident youth population has remained relatively flat over the last decade, the number and proportion of youths who obtain a Wyoming driver's license and participate in the labor force have declined substantially since 2008. An article will examine correlations of this decline, including economic changes, social trends, and the relationship between school and employment for youth.

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## Youths and Nonresidents in Wyoming's Labor Force

Part 1: How it Works and Why it Matters http://doe.state.wy.us/LMI/trends/0613/a1.htm

Part 2: Career Paths and Labor Shortages http://doe.state.wy.us/LMI/trends/0913/a1.htm

Part 3: Occupations, Earnings, and Career Opportunities http://doe.state.wy.us/LMI/trends/0614/a1.htm

http://doe.state.wy.us/LMI

## Survey of Occupational Injuries and Illnesses for 2012

by: Valerie A. Davis, Senior Statistician

This article summarizes the 2012 Wyoming Survey of Occupational Injuries and Illnesses results. The data include estimates of incidence rates by industry and the nature of the injury or illness. Also included are some worker demographics, such as age and gender. State and local government data are discussed briefly. An estimated 2,410 nonfatal occupational injury and illness cases with days away from work occurred in private industry in Wyoming in 2012, with an incidence rate of 3.5.

he Research & Planning (R&P) section of the Wyoming Department of Workforce Services annually conducts the Survey of Occupational Injuries and Illnesses (SOII) for Wyoming in cooperation with the U.S. Bureau of Labor Statistics (BLS) as part of a nationwide data collection effort. The survey data identify the estimated incidence rates (see Definitions, page 13) of injuries and illnesses at the industry level. Detailed characteristics of severe injuries and illnesses (those that result in days away from work) also are identified. For 2011 and 2012, cases with job transfer or restriction for the following six private North American Industry Classification System (NAICS) sectors will also have demographic and injury/illness characteristics provided by employers:

238 – Specialty trade contractors

311 – Food manufacturing

444 – Building materials & garden equipment & supplies dealers

481 – Air transportation

493 - Warehousing & storage

623 – Nursing & residential care facilities

The data for the cases with days away from work can be used by employers and safety awareness groups to focus on prevention. The data are also used by regulatory agencies for tracking injury and illness trends, and to target safety resources.

Wyoming had an estimated 2,410 occupational injury and illness cases with days away from work in private industry in 2012.

## Background and Methodology

Background and methodology for this article are included in the online version at http://doe.state.wy.us/LMI/a2.htm#bkg

#### **Incidence** Rates

The total estimated incidence rate in Wyoming for all ownerships was 3.7 injuries and illnesses per 100 full-time employees in 2012. The private sector estimated incidence rate was 3.5. The rate for state and local government was 4.7 for 2012. For state government alone, the rate was 3.5; for local government alone, the rate was 5.1.

Figures 1a and 1b (see pages 14 and 15) show the top 11 industry subsectors in all ownerships with high estimated

incidence rates (or those with higher risk) in Wyoming and the United States, respectively for 2012. Six of the 11 top industry subsectors nationally were also found in Wyoming's top 11 for 2012 (see Figures 1a and 1b). These were nursing & residential care facilities, air transportation, wood product manufacturing, hospitals, couriers & messengers, local government-nursing & residential care facilities. The five higher risk industry sectors that were unique to Wyoming were: local government-hospitals; local government-executive, legislative & other government support; social assistance; animal production (scope changed in 2009); and gasoline stations.

The relative standard error (RSE; see Definitions) computed by BLS was used to calculate the estimates, with a 95% confidence interval. The tables with the RSE's are available upon request from R&P.

#### **Case and Demographic Data**

Table 1 (see page 16) shows the number of nonfatal occupational injuries and illnesses by selected characteristics for Wyoming from 2008 to 2012. These data show only cases with days away from work; they do not include cases that resulted solely in job transfer or restricted duty or those that were other recordable cases. There appears to be a general downward trend in the number of cases for each category over the years.

## Worker Characteristics

In 2012, males were 55.3% of Wyoming's workforce (BLS, 2013a). Of the total of more serious work-related injuries and illnesses in 2012, 67.6% involved males. This compares with the Census of Fatal Occupational Injuries & Illnesses (CFOI) data showing that 91.4% of Wyoming CFOI fatalities in 2012 were males (CFOI, 2013). Females made up 44.7% of the workforce in Wyoming (BLS, 2013a), but only 31.5% of workers who became more seriously injured or ill at work in 2012 were females.<sup>1</sup>

The percentage and number of age group populations by gender (BLS, 2013b) in Wyoming's workforce in 2012 are shown in Table 2 (see page 17).

One age group with a noticeable decrease in employment is the 55-64 age group, which has decreased in number from 28,000 in 2011 to 26,000 in 2012 for males and from 25,000 in 2011 to 24,000 in 2012 for females (BLS2013b). R&P research has shown that the number of workplace fatalities is related to changes in overall employment (Manning, 2010). This may also be true for nonfatal occupational injuries and illnesses.

## Injury and Illness Characteristics

In 2012, in the trade, transportation, & utilities industry, an estimated 560 males and 260 females had cases with days away from work (see Figure 2, page 17). During that year, manufacturing had twice the number of males (100) than females (50) with cases resulting in days away from work. More females than males had cases with days away from work in educational

<sup>(</sup>Text continued on page 17)

<sup>Data are not available to determine if the remaining
0.9% of workers who became injured or ill in 2012 were males or females.</sup> 

## Definitions

*Case of job transfer:* An injured or ill employee was assigned to a job other than his or her regular job for part of the day other than the day of injury or illness.

*Case of restricted duty:* An employee was kept from performing one or more routine functions (work activities the employee performed at least once per week) of his or her job, or was kept from working a full workday, or a licensed health care professional recommended either of the above.

*Cases with days away from work:* Severe cases that counted the day after the injury or onset of the illness, which may or may not include days of job transfer or restriction. Up to 180 days away from work (and/or days of job transfer or restriction) are counted for each injury.

*Event or exposure:* The manner in which the injury or illness was produced or inflicted, such as falls, overexertion, or repetitive motion.

Incidence rate: The number of injuries and illnesses per 100 full-time workers, calculated as (N/EH) x 200,000 where: N = number of injuries and illnesses EH = total hours worked by all employees during the calendar year 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

Mandatory survey: Participation by private sector employers is required by Public Law 91-596 by the Bureau of Labor Statistics (BLS). Participation by public sector employers is required by law by Wyoming OSHA, as Wyoming is a State Plan State. If an employer receives a survey from the BLS, even if they are partially exempt by OSHA due to having less than 11 employees for example, they must still complete the survey.

*Nature of injury or illness:* The physical characteristics of the disabling injury or illness, such as cuts, fractures, or sprains.

Other recordable cases: Cases not involving days away from work or days of job transfer or restricted duty but requiring medical treatment beyond first aid. Other recordable cases include, for example, stitches, prescription medication, a concussion, loss of consciousness, medical removal from job site, musculoskeletal disorders, or other significant diagnosed injury or illness.

*Out of scope:* An employer who did not have employees for the survey year or an employer whose employment size class or industry code changed.

*Part of body:* The part of the body directly linked to the nature of injury or illness cited, such as back, finger, or eye.

*Relative Standard Error (RSE):* A percentage of the estimate. The standard error defines a range (confidence interval) around the estimate. The approximate 95% confidence interval is the estimate plus or minus twice the standard error. If several different samples were selected to estimate the population value, the 95-percent confidence interval would include the true population value approximately 95 percent of the time.

*Source of injury or illness:* The object, substance, exposure, or bodily motion that directly caused the disabling condition, such as chemical, vehicle, or machinery.



Figure 1a: Major Industry Groups With the Highest Nonfatal Occupational Injury and Illness Incidence Rates per 100 Full-Time Employees for Total Cases, Wyoming, All Ownerships, 2012



Figure 1b: Major Industry Groups With the Highest Nonfatal Occupational Injury and Illness Incidence Rates per 100 Full-Time Employees for Total Cases, All United States, 2012

## Table 1: Estimated Number of Nonfatal Occupational Injuries and Ilnesses Involving Days Away From Work<sup>a</sup> by Selected Worker and Case Characteristics, Wyoming, Private Industry, 2008-2012

	Total Private Industry <sup>b,c,d</sup>										
		2008 2009 2010 2011 2012								2	
Characteristic		Ν	%	Ν	%	Ν	%	Ν	%	Ν	%
Total		3,210	100.0	2,710	100.0	2,510	100.0	2,410	100.0	2,410	100.0
Gender	Male	2,340	72.9	1,970	72.7	1,680	66.9	1,720	71.4	1,630	67.6
	Female	810	25.2	710	26.2	800	31.9	670	27.8	760	31.5
Age	16 to 19	180	5.6	100	3.7	60	2.4	90	3.7	90	3.7
	20 to 24	470	14.6	460	17.0	280	11.2	350	14.5	210	8.7
	25 to 34	640	19.9	730	26.9	600	23.9	570	23.7	600	24.9
	35 to 44	780	24.3	480	17.7	520	20.7	430	17.8	450	18.7
	45 to 54	670	20.9	570	21.0	630	25.1	520	21.6	620	25.7
	55 to 64	370	11.5	280	10.3	330	13.1	390	16.2	350	14.5
	65 & over	100	3.1	90	3.3	90	3.6	50	2.1	70	2.9
Length of	Less than 3 months	790	24.6	570	21.0	470	18.7	440	18.3	390	16.2
service with	3 to 11 months	750	23.4	660	24.4	560	22.3	660	27.4	590	24.5
employer	1 to 5 years	1,010	31.5	880	32.5	910	36.3	760	31.5	840	34.9
	More than 5 years	590	18.4	560	20.7	540	21.5	520	21.6	570	23.7
Number of	Cases involving 1 day	410	12.8	340	12.5	410	16.3	299	12.4	419	17.4
days away	Cases involving 2 days	300	9.3	300	11.1	220	8.8	229	9.5	260	10.8
from work	Cases involving 3-5 days	760	23.7	510	18.8	350	13.9	400	16.6	390	16.2
	Cases involving 6-10 days	320	10.0	310	11.4	290	11.6	280	11.6	219	9.1
	Cases involving 11-20 days	370	11.5	270	10.0	360	14.3	219	9.1	219	9.1
	Cases involving 21-30 days	190	5.9	220	8.1	210	8.4	130	5.4	164	6.8
	Cases involving 31 or more days	860	26.8	770	28.4	670	26.7	851	35.3	762	31.6
	Median days away from work <sup>e</sup>	7		8		10		11		7	
Day of the week	Sunday	140	4.4	130	4.8	120	4.8	150	6.2	290	12.0
	Monday	520	16.2	500	18.4	520	20.7	470	19.5	390	16.2
	Tuesday	660	20.6	520	19.2	460	18.3	410	17.0	410	17.0
	Wednesday	550	17.1	460	17.0	410	16.3	390	16.2	410	17.0
	Thursday	590	18.4	430	15.9	350	13.9	440	18.3	370	15.4
	Friday	520	16.2	360	13.3	440	17.5	370	15.4	330	13.7
	Saturday	230	7.2	320	11.8	200	8.0	170	7.1	210	8.7

<sup>a</sup>Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>b</sup>Excludes farms with fewer than 11 employees.

<sup>c</sup>Data for mining (Sector 21 in the North American Industry Classification System -- United States, 2007) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>d</sup>Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>e</sup>Median days away from work is the measure used to summarize the varying lengths of absences from work among the cases with days away from work. Half the cases involved more days and half involved less days than a specified median. Median days away from work are represented in actual values.

Note: Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

The scientifically selected probability sample used was one of many possible samples, each of which could have produced different estimates. A measure of sampling variability for each estimate is available upon request.

Source: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies.

Table created by Valerie A. Davis, Wyoming Department of Workforce Services, Research & Planning, April 2014.

(Text continued from page 12)

& health services (290 and 40, respectively). For leisure and hospitality, in 2012 there were almost three times as many males as females (260 and 90, respectively) that had cases with days away from work.

Out of the major occupational groups, construction & extraction and transportation & material moving had a higher-than-average percentage (combined, nearly 40% of cases) of total workers with workrelated injuries or illnesses in 2012 (see Figure 3, page 18). Far more males than females usually work in these occupational groups. Consequently, more males than females were

injured in these types of occupations. These workers included construction laborers and heavy & tractor trailer truck drivers. However, more females than males were injured in the major occupational groups of health care support and personal care & service because more females than males were

Table 2: Percent and Number of Age Group Populations Who Were	e
Employed in Wyoming in 2012	

	Age Group	% of Age Group Employed	Employed
	25.24		20.000
Males	25-34	90.7%	38,000
	35-44	86.5%	30,000
	45-54	85.8%	36,000
	55-64	72.1%	26,000
Females	25-34	67.2%	26,000
	35-44	75.5%	24,000
	45-54	76.7%	29,000
	55-64	62.7%	24,000

Source: U.S. Department of Labor, Bureau of Labor Statistics, Division of Local Area Unemployment Statistics. Employment status of the civilian noninstitutional population by sex, race, Hispanic or Latino ethnicity, marital status, and detailed age, 2012 annual averages. Retrieved April 4, 2014, from http://www.bls.gov/lau/table14full12.pdf



Illnesses in cooperation with participating state agencies.

Figure 2: Estimated Numbers of Males and Females in Cases With Days Away From Work by Selected Industry, Wyoming, Private Industry, 2012







Figure 4: Percent Distribution of Nonfatal Occupational Injuries and Illnesses to All Workers by Age Group, Wyoming, Private Industry, 2012

usually employed in these occupations. The highest percentage of injuries and illnesses by age group in 2012 was for workers age 45 to 54 (25.7% of cases; see Figure 4).

For injuries resulting in days away from work, the largest percentage for nature of injury or illness was due to sprains, strains, and tears (44.4% in 2012; see Figure 5, see page 19). Often the injuries were caused by falling, lifting, twisting and bending, standing or sitting, throwing, or reaching. This



Figure 5: Percent Distribution of Occupational Injuries and Illnesses Involving Days Away From Work by Nature of Injury or Illness, Wyoming, Private Industry, 2012

suggests that employers should place additional emphasis on sprain, strain, and tear prevention.

Due to the changes in the case and demographic data coding manuals in 2011, some of the estimates have different titles or inclusions that were not there previously.

#### Summary

From 2011 to 2012, Wyoming experienced essentially no change in the number of work-related injuries and illnesses resulting in days away from work for private industry. Overall, males continued to experience work-related injuries and illnesses more frequently than females. This was likely due, in part, to higher ratios of males to females employed in industries with higher incidence rates; the exception was educational & health services. More detail on 2012 data, as well as historical data and further documentation are available at http://doe. state.wy.us/LMI/OSH/toc. htm. For more information. contact Valerie A. Davis at (307) 473-3838 or val. davis@wyo.gov.

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## **BLS Tool Lets Companies Calculate and Compare** Injury/Illness Rates to Industry by Geographic Area

The Bureau of Labor Statistics' Injuries and Illnesses Incidence Rate Calculator and Comparison Tool (http://data.bls. gov/iirc/) allows the user to create a comparison report in four easy steps:

Step 1. Enter the hours worked at your establishment. If you need help with this, click on the "where to find this number" link. We'll use 200,000 hours.

Step 2. Enter your total number of

recordable cases, the number of cases with one or more days away from work, and the number of cases involving job transfer or restricted work activity.

Step 3. Select the year, geographic area, NAICS supersector, and NAICS industry. NAICS is the North American Industry Classification System.

Step 4. Get your results. Click on the "Calculate" button.



http://doe.state.wy.us/LMI

## Wyoming Unemployment Rate Falls to 3.7% in April 2014

by: David Bullard, Senior Economist

The Research & Planning section of the Wyoming Department of Workforce Services reported that the state's seasonally adjusted' unemployment rate fell from 4.0% in March to 3.7% in April. Wyoming's unemployment rate was significantly lower than its yearago level of 4.7% and the current U.S. unemployment rate of 6.3%. Seasonally adjusted employment of Wyoming residents increased, rising by 1,657 individuals (0.6%) from March to April.

Most county unemployment rates followed their normal seasonal pattern and decreased slightly from March to April. The largest declines occurred in Washakie (down from 5.2% to 3.7%), Big Horn (down from 5.7% to 4.2%), and Lincoln (down from 6.4% to 5.1%) counties. Teton County's unemployment rate rose from 4.2% in March to 7.0% in April. Unemployment typically increases in Teton County in April with the end of the ski season.

From April 2013 to April 2014, unemployment rates declined in every county, suggesting improvement in economic conditions around the state. The largest decreases were seen in Washakie (down from 5.2% to 3.7%), Teton (down from 8.5% to 7.0%), Sheridan (down from 5.5% to 4.0%), Lincoln (down from 6.6% to 5.1%), and Goshen (down from 5.0% to 3.5%) counties. Unemployment rates fell by a full percentage point or more in 16 of the state's 23 counties.

Teton County posted the highest unemployment rate in April (7.0%). It was followed by Lincoln (5.1%), Johnson (4.6%), and Fremont (4.5%) counties. The lowest unemployment rates were found in Converse (2.4%), Campbell (2.6%), Sublette (2.8%), and Albany (2.8%) counties.

Total nonfarm employment (measured by place of work) rose from 283,900 in April 2013 to 286,300 in April 2014, a gain of 2,400 jobs (0.8%).



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, April 2014

#### by: David Bullard, Senior Economist

Industry Sector	Research & Planning's Short-Term Projections	Current Employment Statistics (CES) Estimates	N Difference	% Difference
Total Nonfarm Employment	285,507	286,300	793	0.3%
Natural Resources & Mining	26,048	26,200	152	0.6%
Construction	20,202	20,700	498	2.4%
Manufacturing	9,200	9,400	200	2.1%
Wholesale Trade	9,438	9,400	-38	-0.4%
Retail Trade	28,809	29,900	1,091	3.6%
Transportation & Utilities	15,048	14,700	-348	-2.4%
Information	3,756	3,800	44	1.2%
Financial Activities	11,296	11,300	4	0.0%
Professional & Business Services	18,154	18,300	146	0.8%
Educational & Health Services	27,294	27,200	-94	-0.3%
Leisure & Hospitality	31,788	31,400	-388	-1.2%
Other Services	11,588	11,500	-88	-0.8%
Government	72,886	72,500	-386	-0.5%

Projections were run in February 2014 and based on QCEW data through September 2013.





#### State Unemployment Rates April 2014 (Seasonally Adjusted)

Puerto Rico14.1Rhode Island8.3Nevada8.0Illinois7.9California7.8Kentucky7.7District of Columbia7.5Michigan7.4Georgia7.0Alabama6.9Arizona6.9Connecticut6.9New Jersey6.9Oregon6.9New Mexico6.8New York6.7Arkansas6.6Missouri6.6Alaska6.4Tennessee6.3United States6.3Florida6.2North Carolina6.2Washington6.1Colorado6.0Massachusetts6.0West Virginia6.0Delaware5.8Indiana5.7Ohio5.7Pennsylvania5.7Maryland5.5South Carolina4.8Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4New Hampshire4.4New Hampshire4.4New Hampshire4.3South Dakota3.8Vitrpining3.7Nebraska3.6Vermont3.3North Dakota2.6	State	Unemp. Rate
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Alaska6.4Tennessee6.3United States6.3Florida6.2North Carolina6.2Washington6.1Colorado6.0Massachusetts6.0West Virginia6.0Delaware5.8Wisconsin5.8Indiana5.7Ohio5.7Pennsylvania5.7Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Missouri	6.6
Tennessee6.3United States6.3Florida6.2North Carolina6.2Washington6.1Colorado6.0Massachusetts6.0West Virginia6.0Delaware5.8Wisconsin5.8Indiana5.7Ohio5.7Pennsylvania5.7Naryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Alaska	6.4
United States6.3Florida6.2North Carolina6.2Washington6.1Colorado6.0Massachusetts6.0West Virginia6.0Delaware5.8Wisconsin5.8Indiana5.7Ohio5.7Pennsylvania5.7Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Tennessee	63
Florida6.2Florida6.2North Carolina6.2Washington6.1Colorado6.0Massachusetts6.0West Virginia6.0Delaware5.8Wisconsin5.8Indiana5.7Maine5.7Ohio5.7Pennsylvania5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	United States	63
North Carolina6.2Washington6.1Colorado6.0Massachusetts6.0West Virginia6.0Delaware5.8Wisconsin5.8Indiana5.7Maine5.7Ohio5.7Pennsylvania5.7Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Florida	6.2
Washington6.1Colorado6.0Massachusetts6.0West Virginia6.0Delaware5.8Wisconsin5.8Indiana5.7Maine5.7Ohio5.7Pennsylvania5.7Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	North Carolina	6.2
Washington0.1Colorado6.0Massachusetts6.0West Virginia6.0Delaware5.8Wisconsin5.8Indiana5.7Maine5.7Ohio5.7Pennsylvania5.7Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Washington	6.1
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Nest virginit3.6Delaware5.8Wisconsin5.8Indiana5.7Maine5.7Ohio5.7Pennsylvania5.7Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	West Virginia	6.0
Wisconsin5.8Indiana5.7Maine5.7Ohio5.7Pennsylvania5.7Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Delaware	5.8
Indiana5.7Indiana5.7Maine5.7Ohio5.7Pennsylvania5.7Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Wisconsin	5.8
Maine5.7Maine5.7Ohio5.7Pennsylvania5.7Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Indiana	5.0
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Pennsylvania5.7Pennsylvania5.7Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Ohio	5.7
Maryland5.5South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Pennsylvania	5.7
South Carolina5.3South Carolina5.3Texas5.2Idaho5.0Virginia4.9Kansas4.8Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Maryland	5.5
Joan CarlonnaJ.J.Texas5.2Idaho5.0Virginia4.9Kansas4.8Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	South Carolina	5.3
Idaho5.0Virginia4.9Kansas4.8Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Texas	5.5
VirginiaJ.6Virginia4.9Kansas4.8Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Idaho	5.2
Kansas4.8Kansas4.8Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Virginia	4.9
Montana4.8Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Kansas	4.9
Minnesota4.7Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Montana	4.8
Oklahoma4.6Louisiana4.5Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Minnesota	4.7
Louisiana4.5Louisiana4.5Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Oklahoma	4.6
Hawaii4.4New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Louisiana	4.5
New Hampshire4.4Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Hawaii	4.4
Iowa4.3Iowa4.3South Dakota3.8Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	New Hampshire	4.4
South Dakota 3.8 Utah 3.8 Wyoming 3.7 Nebraska 3.6 Vermont 3.3 North Dakota 2.6	lowa	4.3
Utah3.8Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	South Dakota	3.8
Wyoming3.7Nebraska3.6Vermont3.3North Dakota2.6	Utah	3.8
Nebraska3.6Vermont3.3North Dakota2.6	Wyoming	3.7
Vermont 3.3 North Dakota 2.6	Nebraska	3.6
North Dakota 2.6	Vermont	3.3
	North Dakota	2.6

## Wyoming Nonagricultural Wage and Salary Employment

#### by: David Bullard, Senior Economist

oy. Davia Danara, Schiol Leonomis	E in	mploymer Thousanc	% Change Total Employment Apr 14 Apr 14		
	Apr 14	Mar 14	Apr 13	Mar 14	Apr 13
CAMPBELL COUNTY					
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	27.7	27.7	27.7	0.0	0.0
TOTAL PRIVATE	22.5	22.4	22.6	0.4	-0.4
GOODS PRODUCING	9.9	9.8	10.3	1.0	-3.9
Natural Resources & Mining	7.4	7.4	7.8	0.0	-5.1
Construction	1.9	1.8	2.0	5.6	-5.0
Manufacturing	0.6	0.6	0.5	0.0	20.0
SERVICE PROVIDING	17.8	17.9	17.4	-0.6	2.3
Trade, Transportation, & Utilities	5.7	5.7	5.5	0.0	3.6
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	1.7	1.6	1.7	6.2	0.0
Educational & Health Services	1.1	1.1	1.1	0.0	0.0
Leisure & Hospitality	2.3	2.3	2.2	0.0	4.5
Other Services	0.9	1.0	0.9	-10.0	0.0
GOVERNMENT	5.2	5.3	5.1	-1.9	2.0
	Employment in Thousands			% Cha Total Emp Apr 14	inge loyment Apr 14
	Apr 14	Mar 14	Apr 13	Mar 14	Apr 13
SWEETWATER COUNTY					
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	25.4	25.5	25.3	-0.4	0.4
TOTAL PRIVATE	20.6	20.6	20.4	0.0	1.0
GOODS PRODUCING	8.9	8.9	8.8	0.0	1.1
Natural Resources & Mining	5.9	5.9	5.8	0.0	1.7
Construction					
	1.6	1.6	1.6	0.0	0.0
Manufacturing	1.6 1.4	1.6 1.4	1.6 1.4	0.0 0.0	0.0 0.0
Manufacturing SERVICE PROVIDING	1.6 1.4 <b>16.5</b>	1.6 1.4 <b>16.6</b>	1.6 1.4 <b>16.5</b>	0.0 0.0 - <b>0.6</b>	0.0 0.0 <b>0.0</b>
Manufacturing SERVICE PROVIDING Trade, Transportation, & Utilities	1.6 1.4 <b>16.5</b> 5.1	1.6 1.4 <b>16.6</b> 5.1	1.6 1.4 <b>16.5</b> 5.2	0.0 0.0 <b>-0.6</b> 0.0	0.0 0.0 <b>0.0</b> -1.9
Manufacturing SERVICE PROVIDING Trade, Transportation, & Utilities Information	1.6 1.4 <b>16.5</b> 5.1 0.2	1.6 1.4 <b>16.6</b> 5.1 0.2	1.6 1.4 <b>16.5</b> 5.2 0.2	0.0 0.0 - <b>0.6</b> 0.0 0.0	0.0 0.0 <b>0.0</b> -1.9 0.0
Manufacturing SERVICE PROVIDING Trade, Transportation, & Utilities Information Financial Activities	1.6 1.4 <b>16.5</b> 5.1 0.2 1.0	1.6 1.4 <b>16.6</b> 5.1 0.2 1.0	1.6 1.4 <b>16.5</b> 5.2 0.2 0.9	0.0 0.0 - <b>0.6</b> 0.0 0.0 0.0	0.0 0.0 -1.9 0.0 11.1
Manufacturing SERVICE PROVIDING Trade, Transportation, & Utilities Information Financial Activities Professional & Business Services	1.6 1.4 <b>16.5</b> 5.1 0.2 1.0 1.1	1.6 1.4 <b>16.6</b> 5.1 0.2 1.0 1.1	1.6 1.4 <b>16.5</b> 5.2 0.2 0.9 1.1	0.0 0.0 - <b>0.6</b> 0.0 0.0 0.0 0.0	0.0 0.0 -1.9 0.0 11.1 0.0
Manufacturing SERVICE PROVIDING Trade, Transportation, & Utilities Information Financial Activities Professional & Business Services Educational & Health Services	1.6 1.4 <b>16.5</b> 5.1 0.2 1.0 1.1 1.2	1.6 1.4 <b>16.6</b> 5.1 0.2 1.0 1.1 1.2	1.6 1.4 <b>16.5</b> 5.2 0.2 0.9 1.1 1.1	0.0 0.0 - <b>0.6</b> 0.0 0.0 0.0 0.0 0.0	0.0 0.0 -1.9 0.0 11.1 0.0 9.1
Manufacturing SERVICE PROVIDING Trade, Transportation, & Utilities Information Financial Activities Professional & Business Services Educational & Health Services Leisure & Hospitality	1.6 1.4 <b>16.5</b> 5.1 0.2 1.0 1.1 1.2 2.4	1.6 1.4 <b>16.6</b> 5.1 0.2 1.0 1.1 1.2 2.4	1.6 1.4 <b>16.5</b> 5.2 0.2 0.9 1.1 1.1 2.4	0.0 0.0 - <b>0.6</b> 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 -1.9 0.0 11.1 0.0 9.1 0.0
Manufacturing SERVICE PROVIDING Trade, Transportation, & Utilities Information Financial Activities Professional & Business Services Educational & Health Services Leisure & Hospitality Other Services	1.6 1.4 <b>16.5</b> 5.1 0.2 1.0 1.1 1.2 2.4 0.7	1.6 1.4 <b>16.6</b> 5.1 0.2 1.0 1.1 1.2 2.4 0.7	1.6 1.4 <b>16.5</b> 5.2 0.9 1.1 1.1 2.4 0.7	0.0 0.0 - <b>0.6</b> 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 -1.9 0.0 11.1 0.0 9.1 0.0 0.0
Manufacturing SERVICE PROVIDING Trade, Transportation, & Utilities Information Financial Activities Professional & Business Services Educational & Health Services Leisure & Hospitality Other Services GOVERNMENT	1.6 1.4 <b>16.5</b> 5.1 0.2 1.0 1.1 1.2 2.4 0.7 <b>4.8</b>	1.6 1.4 <b>16.6</b> 5.1 0.2 1.0 1.1 1.2 2.4 0.7 <b>4.9</b>	1.6 1.4 <b>16.5</b> 5.2 0.2 0.9 1.1 1.1 2.4 0.7 <b>4.9</b>	0.0 0.0 -0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 -1.9 0.0 11.1 0.0 9.1 0.0 0.0 - <b>2.0</b>

	E	mploymer	Total Employment		
	in	Thousand	Apr 14	Apr 14	
	Apr 14	Mar 14	Apr 13	Mar 14	Apr 13
TETON COUNTY					
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	15.6	16.7	15.4	-6.6	1.3
TOTAL PRIVATE	13.3	14.3	13.1	-7.0	1.5
GOODS PRODUCING	1.7	1.6	1.7	6.3	0.0
Natural Resources, Mining & Construction	1.6	1.5	1.6	6.7	0.0
Manufacturing	0.1	0.1	0.1	0.0	0.0
SERVICE PROVIDING	13.9	15.1	13.7	-7.9	1.5
Trade, Transportation, & Utilities	2.2	2.3	2.1	-4.3	4.8
Information	0.2	0.2	0.2	0.0	0.0
Financial Activities	0.8	0.8	0.8	0.0	0.0
Professional & Business Services	1.6	1.5	1.6	6.7	0.0
Educational & Health Services	1.1	1.1	1.0	0.0	10.0
Leisure & Hospitality	5.2	6.3	5.2	-17.5	0.0
Other Services	0.5	0.5	0.5	0.0	0.0
GOVERNMENT	2.3	2.4	2.3	-4.2	0.0

#### State Unemployment Rates April 2014 (Not Seasonally Adjusted)

State	Unemp. Rate
Puerto Rico	13.4
Rhode Island	7.8
California	7.3
Michigan	73
Nevada	73
Illinois	7.2
Kentucky	7.2
District of Columbia	7.2
Oregon	6.9
Georgia	6.8
Mississinni	6.8
Connocticut	6.6
Alacka	6.5
New Jersey	6.3
Alabama	6.0
Arizona	6.2
Arizona	6.1
AIKalisas Now Vork	0.1
New YOIK	0.1
North Carolina	0.1
Maina	0.0
Misseuri	5.9
NISSOURI	5.9
New Mexico	5.9
lennessee	5.9
United States	5.9
Wisconsin	5.9
Delaware	5.7
Florida	5./
Colorado	5.6
Massachusetts	5.6
Washington	5.6
Indiana	5.5
Maryland	5.3
Ohio	5.3
Pennsylvania	5.1
ldaho	5.0
South Carolina	5.0
Texas	4.7
Virginia	4.7
Minnesota	4.5
Montana	4.5
Kansas	4.4
Louisiana	4.3
New Hampshire	4.3
Hawaii	4.2
lowa	4.0
Oklahoma	4.0
South Dakota	3.7
Vermont	3.7
Wyoming	3.6
Nebraska	3.3
Utah	3.2
North Dakota	2.6

### **Economic Indicators**

#### by: David Bullard, Senior Economist

The Baker Hughes rig count for Wyoming rose from 42 in April 2013 to 49 in April 2014, a 16.7% increase.

	Apr 2014 (p)	Mar 2014 (r)	Apr 2013 (b)	Percent Month	Change Year
Wyoming Total Nonfarm Employment	286,300	286,700	283,900	-0.1	0.8
Wyoming State Government	15,900	15,900	16,200	0.0	-1.9
Laramie County Nonfarm Employment	45,700	45,400	45,300	0.7	0.9
Natrona County Nonfarm Employment	41,300	41,400	41,500	-0.2	-0.5
Selected U.S. Employment Data					
U.S. Multiple Jobholders	7,162,000	7,143,000	7,029,000	0.3	1.9
As a percent of all workers	4.9%	4.9%	4.9%	N/A	N/A
U.S. Discouraged Workers	783,000	698,000	835,000	12.2	-6.2
U.S. Part Time for Economic Reasons	7,243,000	7,455,000	7,709,000	-2.8	-6.0
Wyoming Unemployment Insurance					
Weeks Compensated	19,432	18,944	25,468	2.6	-23.7
Benefits Paid	\$6,833,506	\$6,676,432	\$8,920,898	2.4	-23.4
Average Weekly Benefit Payment	\$351.66	\$352.43	\$350.28	-0.2	0.4
State Insured Covered Jobs'	265,981	265,403	262,150	0.2	1.5
Insured Unemployment Rate	2.2%	2.5%	3.0%	N/A	N/A
Consumer Price Index (U) for All U.S. Urban Consumers					
(1982 to 1984 = 100)	2271	226.2	222.5	0.2	2.0
All Items	237.1	236.3	232.5	0.3	2.0
Food & Beverages	241.1	240.2	236.8	0.4	1.8
Housing	231./	232.0	226.0	-0.1	2.5
Apparei	129.0	128.9	128.9	0.6	0.6
Madical Care	222.0	210.4 422.4	210.0	1.0	1.5
Regrestion (Dec. 1997–199)	454.I 116 0	455.4	425.0 115 A	0.2	2.4
Education & Communication (Dec. 1997–100)	127.2	113.0	115.4	0.2	0.0
Other Goods & Services	137.3	137.1	133.2	0.1	1.3
Other Goods & Services	407.0	400.7	400.2	0.1	1.7
Producer Prices (1982 to 1984 = 100)					
All Commodities	208.4	207.0	203.5	0.7	2.4
Wyo. Bldg. Permits (New Privately Owned Housing Units Authorized)					
Total Units	263	110	206	139.1	27.7
Valuation	\$52,407,000	\$30,211,000	\$48,838,000	73.5	7.3
Single Family Homes	147	103	177	42.7	-16.9
Valuation	\$44,704,000	\$29,541,000	\$45,421,000	51.3	-1.6
Casper MSA <sup>2</sup> Building Permits	40	20	24	100.0	66.7
Valuation	\$6,702,000	\$4,040,000	\$6,184,000	65.9	8.4
Cheyenne MSA Building Permits	22	24	47	-8.3	-53.2
Valuation	\$4,251,000	\$4,286,000	\$8,156,000	-0.8	-47.9
Baker Hughes North American Rotary Rig Count for Wyoming	49	52	42	-5.8	16.7

(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 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

Teton County's unemployment rate rose from 4.2% in March to 7.0% in April. Unemployment typically increases in Teton County in April with the end of the ski season.

	Labor Force Employed		U	Unemployed			Unemployment Rates					
REGION	Apr 2014	Mar 2014	Apr 2013	Apr 2014	Mar 2014	Apr 2013	Apr 2014	Mar 2014	Apr 2013	Apr 2014	Mar 2014	Apr 2013
County	(p)	(r)	(b)	(p)	(r)	(b)	(p)	(r)	(b)	(p)	(r)	(b)
NORTHWEST	47,255	46,945	46,229	45,269	44,379	43,680	1,986	2,566	2,549	4.2	5.5	5.5
Big Horn	5,213	5,146	5,080	4,995	4,853	4,800	218	293	280	4.2	5.7	5.5
Fremont	19,936	20,027	19,821	19,040	18,879	18,670	896	1,148	1,151	4.5	5.7	5.8
Hot Springs	2,678	2,635	2,556	2,585	2,521	2,441	93	114	115	3.5	4.3	4.5
Park	15,121	14,847	14,535	14,503	14,057	13,751	618	790	784	4.1	5.3	5.4
Washakie	4,307	4,290	4,237	4,146	4,069	4,018	161	221	219	3.7	5.2	5.2
NORTHEAST	55,690	55,533	54,806	53,856	53,223	52,267	1,834	2,310	2,539	3.3	4.2	4.6
Campbell	28,117	28,186	27,885	27,379	27,245	26,786	738	941	1,099	2.6	3.3	3.9
Crook	3,523	3,474	3,496	3,389	3,313	3,324	134	161	172	3.8	4.6	4.9
Johnson	4,002	3,968	3,939	3,816	3,736	3,708	186	232	231	4.6	5.8	5.9
Sheridan	16,670	16,550	16,133	16,009	15,707	15,238	661	843	895	4.0	5.1	5.5
Weston	3,378	3,355	3,353	3,263	3,222	3,211	115	133	142	3.4	4.0	4.2
SOUTHWEST	64,742	65,214	63,428	62,023	62,400	60,103	2,719	2,814	3,325	4.2	4.3	5.2
Lincoln	7,688	7,733	7,621	7,295	7,240	7,121	393	493	500	5.1	6.4	6.6
Sublette	6,888	6,994	6,445	6,695	6,759	6,201	193	235	244	2.8	3.4	3.8
Sweetwater	26,051	26,087	25,342	25,270	25,084	24,362	781	1,003	980	3.0	3.8	3.9
Teton	13,176	13,459	13,050	12,257	12,897	11,947	919	562	1,103	7.0	4.2	8.5
Uinta	10,939	10,941	10,970	10,506	10,420	10,472	433	521	498	4.0	4.8	4.5
SOUTHEAST	79,306	79,149	78,042	76,605	75,667	74,522	2,701	3,482	3,520	3.4	4.4	4.5
Albany	19,939	19,973	19,718	19,389	19,253	19,006	550	720	712	2.8	3.6	3.6
Goshen	6,664	6,555	6,452	6,431	6,268	6,128	233	287	324	3.5	4.4	5.0
Laramie	46,963	47,034	46,053	45,230	44,802	43,808	1,733	2,232	2,245	3.7	4.7	4.9
Niobrara	1,337	1,323	1,346	1,298	1,273	1,300	39	50	46	2.9	3.8	3.4
Platte	4,403	4,264	4,473	4,257	4,071	4,280	146	193	193	3.3	4.5	4.3
CENTRAL	62,002	62,288	61,381	60,050	59,772	58,903	1,952	2,516	2,478	3.1	4.0	4.0
Carbon	8,059	7,984	7,929	7,762	7,607	7,574	297	377	355	3.7	4.7	4.5
Converse	8,424	8,389	8,358	8,219	8,132	8,078	205	257	280	2.4	3.1	3.4
Natrona	45,519	45,915	45,094	44,069	44,033	43,251	1,450	1,882	1,843	3.2	4.1	4.1
STATEWIDE	308,996	309,130	303,885	297,804	295,442	289,475	11,192	13,688	14,410	3.6	4.4	4.7
Statewide Seaso	onally Adjust	ed								3.7	4.0	4.7
U.S										5.9	6.8	7.1
U.S. Seasonally	Adjusted							•••••		6.3	6.7	7.5

Prepared in cooperation with the Bureau of Labor Statistics. Benchmarked 02/2014. Run Date 05/2014.

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 Harris, Principal Analyst

Initial claims decreased by 33.9% over the year with large decreases in construction (-56.4%), professional & business services (-33.5%), and leisure & hospitality (-22.5%).



Initial Claims			I	Percent ( Claims	Change Filed
Claims	Cla	ims File	d	Apr 14	Apr 14
	Apr 14	Mar 14	Apr 13	Mar 14	Apr 13
Wyoming Statewide TOTAL CLAIMS FILED	2,724	2,400	4,124	13.5	-33.9
TOTAL GOODS-PRODUCING Natural Res. & Mining Oil & Gas Extraction Construction Manufacturing TOTAL SERVICE-PROVIDING Trade, Transp., & Utilities Wholesale Trade Retail Trade Transp., Warehousing & Utilities Information Financial Activities Prof. and Business Svcs. Educational & Health Svcs. Leisure & Hospitality Other Svcs., exc. Public Admin. TOTAL GOVERNMENT Federal Government State Government Local Government Local Education UNCLASSIFIED	791 247 227 12 435 107 1,485 334 56 148 130 12 47 163 121 750 50 161 61 14 85 9 285	889 212 194 9 525 151 1,056 283 50 134 99 8 56 137 100 419 46 172 69 20 82 10 282	1,529 370 353 10 998 160 1,975 492 70 216 206 14 41 245 110 968 99 193 70 21 101 23 425	-11.0 16.5 17.0 33.3 -17.1 -29.1 40.6 18.0 12.0 10.4 31.3 50.0 -16.1 19.0 21.0 79.0 8.7 -6.4 -11.6 -30.0 3.7 -10.0 1.1	-48.3 -33.2 -35.7 20.0 -56.4 -33.1 -24.8 -32.1 -20.0 -31.5 -36.9 -14.3 14.6 -33.5 10.0 -22.5 -16.6 -12.9 -33.3 -15.8 -60.9 -32.9
Laramie County					
TOTAL CLAIMS FILED	288	250	505	15.2	-43.0
TOTAL GOODS-PRODUCING Construction TOTAL SERVICE-PROVIDING Trade, Transp., & Utilities Financial Activities Prof. & Business Svcs. Educational & Health Svcs. Leisure & Hospitality TOTAL GOVERNMENT UNCLASSIFIED	93 77 158 54 12 55 19 23 25 10	88 83 125 49 15 38 16 11 25 9	248 227 208 67 8 66 24 39 30 17	5.7 -7.2 26.4 10.2 -20.0 44.7 18.8 109.1 0.0 11.1	-62.5 -66.1 -24.0 -19.4 50.0 -16.7 -20.8 -41.0 -16.7 -41.2
Natrona County					
TOTAL CLAIMS FILED TOTAL GOODS-PRODUCING Construction TOTAL SERVICE-PROVIDING Trade, Transp., & Utilities Financial Activities Prof. & Business Svcs. Educational & Health Svcs. Leisure & Hospitality TOTAL GOVERNMENT UNCLASSIFIED	<b>273</b> 129 75 135 46 4 30 33 27 1 7	<b>302</b> 139 76 146 56 8 48 19 23 8 7	<b>466</b> 271 173 177 83 4 50 15 33 5 11	-9.6 -7.2 -1.3 -7.5 -17.9 -50.0 -37.5 73.7 17.4 -87.5 0.0	- <b>41.4</b> -52.4 -56.6 -23.7 -44.6 0.0 -40.0 120.0 -18.2 -80.0 -36.4

<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.

http://doe.state.wy.us/LMI

#### Wyoming Normalized<sup>a</sup> Unemployment Insurance Statistics: Continued Claims by: Patrick Harris, Principal Analyst

All industry sectors saw decreases over the year with large decreases in information (-41.9%), natural resources & mining (-35.5%), and construction (-32.7%).

Continued Claims	Cl Apr 14	aims File Mar 14	Percent Change Claims Filed Apr 14 Apr 14 Mar 14 Apr 13		
Wyoming Statewide TOTAL WEEKS CLAIMED EXTENDED WEEKS CLAIMED TOTAL UNIQUE CLAIMANTS <sup>b</sup> Benefit Exhaustions Benefit Exhaustion Rates	<b>20,204</b> <b>21</b> 5,470 575 10.5%	<b>23,718</b> 7 6,879 504 7.3%	<b>27,250</b> <b>4,716</b> 8,310 795 9.6%	- <b>14.8</b> 200.0 -20.5 14.1 3.2%	<b>-25.9</b> <b>-99.6</b> -34.2 -27.7 0.9%
TOTAL GOODS-PRODUCING Natural Res. & Mining Oil & Gas Extraction Construction Manufacturing TOTAL SERVICE-PROVIDING Trade, Transp., & Utilities Wholesale Trade Retail Trade Transp., Warehousing & Utilities Information Financial Activities Prof. & Business Services Educational & Health Svcs. Leisure and Hospitality Other Svcs., exc. Public Admin. TOTAL GOVERNMENT Federal Government State Government Local Education UNCLASSIFIED	6,936 1,382 1,259 143 4,563 989 9,277 2,540 443 1,273 824 1,273 824 1,498 893 3,267 461 1,833 866 210 756 104 2,157	9,695 1,537 1,371 1,044 9,104 2,894 560 1,461 873 120 488 1,856 897 2,343 500 2,371 1,175 242 953 127 2,546	10,270 2,144 1,923 173 6,780 1,344 11,784 3,245 575 1,725 945 2,194 1,108 3,831 621 2,236 1,090 240 906 238 2,959	-28.5 -10.1 -8.2 -2.1 -35.8 -5.3 1.9 -12.2 -20.9 -12.9 -12.9 -5.0 -0.2 -19.3 -0.4 39.4 -7.8 -22.7 -26.3 -13.2 -20.7 -18.1 -15.3	-32.5 -35.5 -34.5 -17.3 -26.4 -21.3 -21.7 -23.0 -26.2 -12.8 -41.9 -12.9 -31.7 -19.4 -14.7 -25.8 -18.0 -20.6 -12.5 -16.6 -56.3 -27.1
Laramie County TOTAL WEEKS CLAIMED TOTAL UNIQUE CLAIMANTS TOTAL GOODS-PRODUCING Construction TOTAL SERVICE-PROVIDING Trade, Transp., and Utilities Financial Activities Prof. & Business Svcs. Educational and Health Svcs. Leisure & Hospitality TOTAL GOVERNMENT UNCLASSIFIED	<b>2,318</b> 622 777 665 1,221 425 109 398 168 123 269 49	<b>3,205</b> <b>936</b> 1,549 1,382 1,345 507 107 407 141 140 251 59	<b>3,041</b> <b>904</b> 1,012 880 1,617 562 155 480 230 196 280 132	-27.7 -33.5 -49.8 -51.9 -9.2 -16.2 1.9 -2.2 19.1 -12.1 7.2 -16.9	-23.8 -31.2 -24.4 -24.5 -24.4 -29.7 -17.1 -27.0 -37.2 -3.9 -62.9
Natrona County TOTAL WEEKS CLAIMED TOTAL UNIQUE CLAIMANTS TOTAL GOODS-PRODUCING Construction TOTAL SERVICE-PROVIDING Trade, Transp., and Utilities Financial Activities Professional & Business Svcs. Educational & Health Svcs. Leisure & Hospitality TOTAL GOVERNMENT UNCLASSIFIED	<b>2,072</b> 561 897 513 1,049 468 65 248 193 145 70 55	<b>2,646</b> 788 1,267 841 1,223 592 72 288 185 192 107 48	<b>2,664</b> <b>822</b> 1,202 731 1,323 633 81 370 172 180 74 62	-21.7 -28.8 -29.2 -39.0 -14.2 -20.9 -9.7 -13.9 4.3 -24.5 -34.6 14.6	-22.2 -31.8 -25.4 -29.8 -20.7 -26.1 -19.8 -33.0 12.2 -19.4 -5.4 -11.3

<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. <sup>b</sup>Does not include claimants receiving extended benefits.



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

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