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For Immediate Release: November 19, 2019
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North Carolina's October Employment Figures Released

RALEIGH — The state's seasonally adjusted October unemployment rate was 4.0 percent, decreasing 0.1 of a percentage point from September's revised rate. The national rate increased 0.1 of a percentage point to 3.6 percent.

North Carolina's October 2019 unemployment rate increased 0.3 of a percentage point from a year ago. The number of people employed increased 12,594 over the month to 4,924,454 and increased 123,870 over the year. The number of people unemployed decreased 4,276 over the month to 204,151 and increased 19,615 over the year.

Seasonally adjusted Total Nonfarm industry employment, as gathered through the monthly establishment survey, increased 7,200 to 4,589,100 in October. The major industries with the largest over-the-month increases were Leisure & Hospitality Services, 7,500; Manufacturing, 3,300; Financial Activities, 2,800; and Mining & Logging, 100. Major industries experiencing decreases were Professional & Business Services, 3,500; Government, 1,400; Trade, Transportation & Utilities, 800; Construction, 400; Information, 200; Education & Health Services, 100; and Other Services, 100.

Seasonally Adjusted Unemployment Rates since October 2018

	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sept 2019	Oct 2019
N.C.	3.7	3.7	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.2	4.1	4.0
U.S.	3.8	3.7	3.9	4.0	3.8	3.8	3.6	3.6	3.7	3.7	3.7	3.5	3.6

Please note: 2018 numbers have undergone annual revision

Since October 2018, Total Nonfarm jobs increased 90,800 with the Total Private sector increasing by 86,300 and Government increasing by 4,500. The largest over-the-year increase among major industries was Leisure & Hospitality Services at 26,700, followed by Trade, Transportation & Utilities, 24,700; Education & Health Services, 15,500; Financial Activities, 9,700; Professional & Business Services, 7,000; Government, 4,500; Other Services, 3,800; and Information, 1,900. Major industries experiencing decreases were Construction, 1,700; Manufacturing, 1,200; and Mining & Logging, 100.

The next unemployment update is scheduled for Wednesday, November 27, 2019 when the county unemployment rates for October 2019 will be released.

These data can be accessed on the Commerce website at <https://d4.nccommerce.com/>

North Carolina Department of Commerce

Labor and Economic Analysis Division

NORTH CAROLINA and U.S. LABOR FORCE DATA

North Carolina data is embargoed until 10:00 A.M. Tuesday, November 19, 2019

	October 2019	September 2019	October 2018	Month Ago		Year Ago	
				Numeric Change	Percent Change	Numeric Change	Percent Change
North Carolina <i>(Local Area Unemployment Statistics)</i>							
<i>Smoothed Seasonally Adjusted</i>							
Labor Force	5,128,605	5,120,287	4,985,120	8,318	0.2	143,485	2.9
Employed	4,924,454	4,911,860	4,800,584	12,594	0.3	123,870	2.6
Unemployed	204,151	208,427	184,536	-4,276	-2.1	19,615	10.6
Unemployment Rate	4.0	4.1	3.7	-0.1	xxx	0.3	xxx
<i>Not Seasonally Adjusted</i>							
Labor Force	5,153,112	5,122,133	5,007,407	30,979	0.6	145,705	2.9
Employed	4,967,970	4,943,765	4,826,318	24,205	0.5	141,652	2.9
Unemployed	185,142	178,368	181,089	6,774	3.8	4,053	2.2
Unemployment Rate	3.6	3.5	3.6	0.1	xxx	0.0	xxx
United States <i>(Current Population Survey)</i>							
<i>Seasonally Adjusted</i>							
Labor Force	164,364,000	164,039,000	162,694,000	325,000	0.2	xxx	xxx
Employed	158,510,000	158,269,000	156,582,000	241,000	0.2	xxx	xxx
Unemployed	5,855,000	5,769,000	6,112,000	86,000	1.5	xxx	xxx
Unemployment Rate	3.6	3.5	3.8	0.1	xxx	xxx	xxx
<i>Not Seasonally Adjusted</i>							
Labor Force	164,576,000	163,943,000	162,723,000	633,000	0.4	xxx	xxx
Employed	159,067,000	158,478,000	156,952,000	589,000	0.4	xxx	xxx
Unemployed	5,510,000	5,465,000	5,771,000	45,000	0.8	xxx	xxx
Unemployment Rate	3.3	3.3	3.5	0.0	xxx	xxx	xxx

*Effective January 2019, updated US population estimates are used in the national labor force estimates.

The annual population adjustments affect the comparability of national labor force estimates over time.

2019 estimates for the current month are preliminary. Estimates for the previous month have undergone monthly revision.

2018 estimates have undergone annual revision.

North Carolina Department of Commerce
 Labor and Economic Analysis Division
NORTH CAROLINA EMPLOYMENT DATA

North Carolina data is embargoed until 10:00 A.M., Tuesday, November 19, 2019

				<i>Month Ago</i>		<i>Year Ago</i>	
	<i>October 2019</i>	<i>September 2019</i>	<i>October 2018</i>	<i>Numeric Change</i>	<i>Percent Change</i>	<i>Numeric Change</i>	<i>Percent Change</i>
North Carolina <i>(Current Employment Statistics)</i>							
<i>Seasonally Adjusted</i>							
Total Nonfarm	4,589,100	4,581,900	4,498,300	7,200	0.2	90,800	2.0
Total Private	3,854,600	3,846,000	3,768,300	8,600	0.2	86,300	2.3
Mining & Logging	5,600	5,500	5,700	100	1.8	-100	-1.8
Construction	219,200	219,600	220,900	-400	-0.2	-1,700	-0.8
Manufacturing	472,300	469,000	473,500	3,300	0.7	-1,200	-0.3
Trade, Transportation & Utilities	859,000	859,800	834,300	-800	-0.1	24,700	3.0
Information	81,900	82,100	80,000	-200	-0.2	1,900	2.4
Financial Activities	251,400	248,600	241,700	2,800	1.1	9,700	4.0
Professional & Business Services	649,400	652,900	642,400	-3,500	-0.5	7,000	1.1
Education & Health Services	626,100	626,200	610,600	-100	0.0	15,500	2.5
Leisure & Hospitality Services	530,800	523,300	504,100	7,500	1.4	26,700	5.3
Other Services	158,900	159,000	155,100	-100	-0.1	3,800	2.5
Government	734,500	735,900	730,000	-1,400	-0.2	4,500	0.6
North Carolina <i>(Current Employment Statistics)</i>							
<i>Not Seasonally Adjusted</i>							
Total Nonfarm	4,617,000	4,586,700	4,527,900	30,300	0.7	89,100	2.0
Total Private	3,865,800	3,845,700	3,780,600	20,100	0.5	85,200	2.3
Mining & Logging	5,600	5,600	5,700	0	0.0	-100	-1.8
Construction	220,800	221,100	223,100	-300	-0.1	-2,300	-1.0
Manufacturing	473,200	470,500	474,500	2,700	0.6	-1,300	-0.3
Trade, Transportation & Utilities	856,600	854,100	832,500	2,500	0.3	24,100	2.9
Information	81,400	81,700	79,500	-300	-0.4	1,900	2.4
Financial Activities	252,300	249,000	241,900	3,300	1.3	10,400	4.3
Professional & Business Services	656,700	654,800	650,100	1,900	0.3	6,600	1.0
Education & Health Services	630,300	626,100	615,400	4,200	0.7	14,900	2.4
Leisure & Hospitality Services	529,700	524,200	502,400	5,500	1.0	27,300	5.4
Other Services	159,200	158,600	155,500	600	0.4	3,700	2.4
Government	751,200	741,000	747,300	10,200	1.4	3,900	0.5

All 2019 Labor Force and CES data for the current month are preliminary.
 All 2018 Labor Force and CES estimates have been benchmarked.
 Estimates may not add to totals due to rounding.

Accessing Data

The data presented in this press release, as well as historical data, can be accessed from NC Commerce's Demand Driven Data Delivery ("D4") system:

<https://d4.nccommerce.com/LausSelection.aspx>

<https://d4.nccommerce.com/CesSelection.aspx>

Technical Notes

This release presents labor force and unemployment estimates from the Local Area Unemployment Statistics (LAUS) program. Also presented are nonfarm payroll employment estimates the Current Employment Statistics (CES) program. The LAUS and CES programs are both federal-state cooperative endeavors.

Labor force and unemployment--from the LAUS program

Definitions. The labor force and unemployment estimates are based on the same concepts and definitions as those used for the official national estimates obtained from the Current Population Survey (CPS), a sample survey of households that is conducted for the Bureau of Labor Statistics (BLS) by the U.S. Census Bureau. The LAUS program measures employment and unemployment on a place-of-residence basis. The universe for each is the civilian noninstitutional population 16 years of age and over. Employed persons are those who did any work at all for pay or profit in the reference week (the week including the 12th of the month) or worked 15 hours or more without pay in a family business or farm, plus those not working who had a job from which they were temporarily absent, whether or not paid, for such reasons as bad weather, labor-management dispute, illness, or vacation. Unemployed persons are those who were not employed during the reference week (based on the definition above), had actively looked for a job sometime in the 4-week period ending with the reference week, and were currently available for work; persons on lay-off expecting recall need not be looking for work to be counted as unemployed. The labor force is the sum of employed and unemployed persons. The unemployment rate is the number of unemployed as a percent of the labor force.

Method of estimation. Statewide estimates are produced using an estimation algorithm administered by the BLS. This method, which underwent substantial enhancement at the beginning of 2015, utilizes data from several sources, including the CPS, the CES, and state unemployment insurance (UI) programs. Each month, census division estimates are controlled to national totals, and state estimates are then controlled to their respective division totals. Substate estimates are controlled to their respective state totals. For more information about LAUS estimation procedures, see the BLS website at www.bls.gov/lau/laumthd.htm

Revisions. Labor force and unemployment data for the previous month reflect adjustments made in each subsequent month, while data for prior years reflect adjustments made at the end of each year. The monthly revisions incorporate updated model inputs, while the annually revised estimates reflect updated population data from the U.S. Census Bureau, any revisions in the other data sources, and model reestimation. In most years, historical data for the most recent five years (both seasonally adjusted and not seasonally adjusted) are revised near the beginning of each calendar year, prior to the release of January estimates.

Seasonal adjustment. The LAUS program introduced smoothed seasonally adjusted (SSA) estimates in January 2010. These are seasonally-adjusted data that have incorporated a long-run trend smoothing procedure, resulting in estimates that are less volatile than those previously produced. The estimates are smoothed using a filtering procedure, based on moving averages, to remove the irregular fluctuations from the seasonally-adjusted series, leaving the trend. The same process is used on both historical and current year estimates. For more information about the smoothing technique, see the BLS website at www.bls.gov/lau/lassaqa.htm.

Area definitions. The substate area data published in this release reflect the delineations that were issued by the U.S. Office of Management and Budget on April 10, 2018. A detailed list of the geographic definitions is available online at www.bls.gov/lau/lausmsa.htm.

Employment--from the CES program

Definitions. Employment data refer to persons on establishment payrolls who receive pay for any part of the pay period that includes the 12th of the month. Persons are counted at their place of work rather than at their place of residence; those appearing on more than one payroll are counted on each payroll. Industries are classified on the basis of their principal activity in accordance with the 2012 version of the North American Industry Classification System.

Method of estimation. CES State and Area employment data are produced using several estimation procedures. Where possible these data are produced using a "weighted link relative" estimation technique in which a ratio of current-month weighted employment to that of the previous-month weighted employment is computed from a sample of establishments reporting for both months. The estimates of employment for the current month are then obtained by multiplying these ratios by the previous month's employment estimates. The weighted link relative technique is utilized for data series where the sample size meets certain statistical criteria.

For some employment series, relatively small sample sizes limit the reliability of the weighted link-relative estimates. In these cases, BLS uses the CES small domain model (SDM) to generate employment estimates. The SDM combines the direct sample estimates (described above) and forecasts of historical (benchmarked) data to decrease the volatility of the estimates. For more detailed information about the CES small domain model, refer to the BLS Handbook of Methods.

Annual revisions. Employment estimates are adjusted annually to a complete count of jobs, called benchmarks, derived principally from tax reports that are submitted by employers who are covered under state unemployment insurance (UI) laws. The benchmark information is used to adjust the monthly estimates between the new benchmark and the preceding one and also to establish the level of employment for the new benchmark month. Thus, the benchmarking process establishes the level of employment, and the sample is used to measure the month-to-month changes in the level for the subsequent months. Information on recent benchmark revisions is available online at www.bls.gov/web/lau/benchmark.pdf.

Seasonal adjustment. Payroll employment data are seasonally adjusted at the statewide supersector level. In some states, the seasonally adjusted payroll employment total is computed by aggregating the independently adjusted supersector series. In other states, the seasonally adjusted payroll employment total is independently adjusted. Revisions of historical data for the most recent 5 years are made once a year, coincident with annual benchmark adjustments.

Reliability of the estimates

The estimates presented in this release are based on sample surveys, administrative data, and modeling and, thus, are subject to sampling and other types of errors. Sampling error is a measure of sampling variability—that is, variation that occurs by chance because a sample rather than the entire population is surveyed. Survey data also are subject to nonsampling errors, such as those which can be introduced into the data collection and processing operations. Estimates not directly derived from sample surveys are subject to additional errors resulting from the specific estimation processes used. Model-based error measures for seasonally adjusted and not seasonally adjusted data and for over-the-month and over-the-year changes to LAUS estimates are available online at www.bls.gov/lau/lastderr.htm. Measures of sampling error for state CES data at the total nonfarm and supersector levels are available online at www.bls.gov/sae/790stderr.htm.

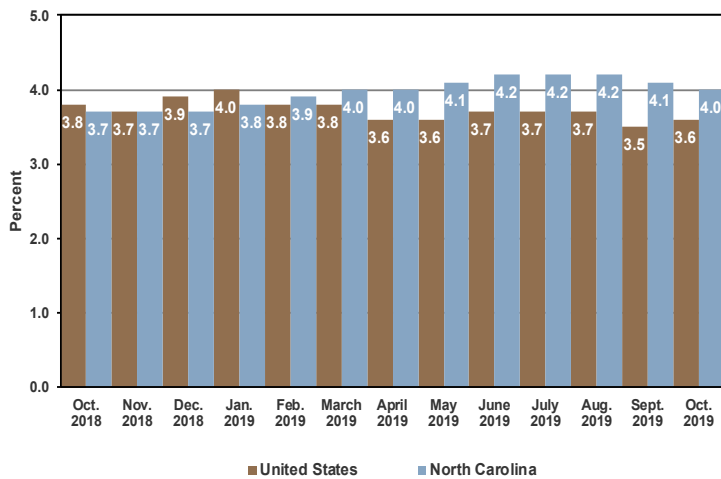
Release Dates

The next unemployment update is scheduled for Wednesday, November 27, 2019 when the county unemployment rates for October 2019 will be released.

The complete data release schedule for 2019 can be accessed here:

<https://www.nccommerce.com/documents/release-dates-unemployment-rates>

United States/North Carolina Unemployment Rates October 2018–October 2019 (Smoothed Seasonally Adjusted**)



**US data are not smoothed.

The North Carolina smoothed seasonally adjusted unemployment rate was 4.0 percent in October, decreasing 0.1 of a percentage point from the previous month and increasing 0.3 of a percentage point from October 2018. Over the month, the number of persons unemployed decreased by 4,276 (2.1%). The civilian labor force grew by 8,318 (0.2%) to 5,128,605.

Nationally, October's unemployment rate was 3.6 percent. The number of persons unemployed was 5,855,000, while the civilian labor force was 164,364,000.

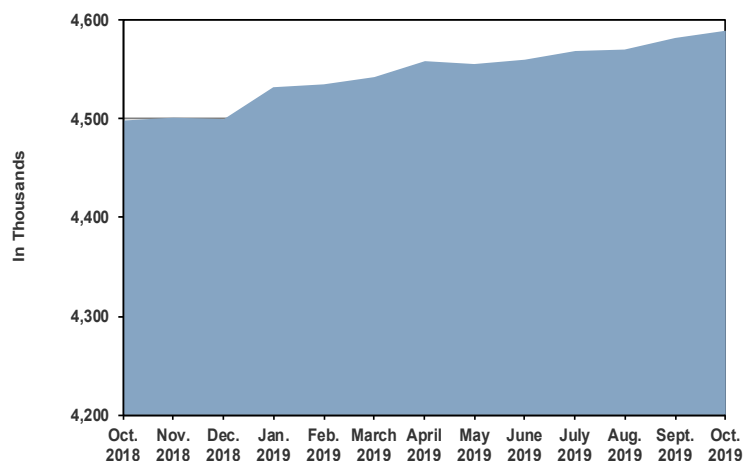
Seasonally adjusted Total Nonfarm industry employment (4,589,100) increased 7,200 (0.2%) since September 2019 and increased 90,800 (2.0%) since October 2018.¹ Private sector employment grew 8,600 (0.2%) over the month and increased 86,300 (2.3%) over the year.

Of the major industries for which payroll data are seasonally adjusted, Leisure & Hospitality Services (7,500; 1.4%) had the largest over-the-month gain in jobs, followed by Manufacturing (3,300; 0.7%), Financial Activities (2,800; 1.1%), and Mining & Logging (100; 1.8%). Professional & Business Services (3,500; 0.5%) reported the largest over-the-month decrease, followed by Government (1,400; 0.2%), Trade, Transportation & Utilities (800; 0.1%), Construction (400; 0.2%), Information (200; 0.2%), Education & Health Services (100; >-0.1%), and Other Services (100; 0.1%).

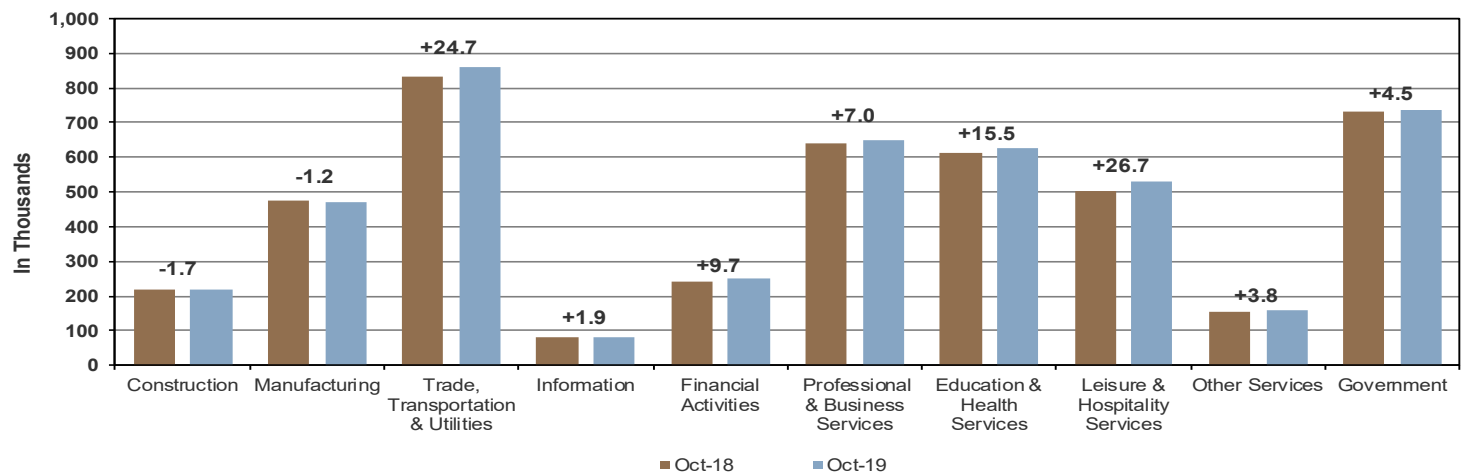
Since October 2018, Leisure & Hospitality Services added the largest number of jobs (26,700; 5.3%), followed by Trade, Transportation & Utilities (24,700; 3.0%), Education & Health Services (15,500; 2.5%), Financial Activities (9,700; 4.0%), Professional & Business Services (7,000; 1.1%), Government (4,500; 0.6%), Other Services (3,800; 2.5%), and Information (1,900; 2.4%). Construction (1,700; 0.8%) reported the largest decrease, followed by Manufacturing (1,200; 0.3%), and Mining & Logging (100; 1.8%).

¹It is important to note that industry employment estimates are subject to large seasonal patterns. Seasonal adjustment factors are applied to the data. However, these factors may not be fully capturing the seasonal trend. Therefore, when interpreting the changes in industry employment, it is advisable to focus on over-the-year changes in both the seasonally adjusted and not seasonally adjusted series.

North Carolina Total Nonfarm Employment October 2018–October 2019 (Seasonally Adjusted)



Changes in Employment by NAICS Industries October 2018 Compared to October 2019 (Seasonally Adjusted)



*N.C. current month data are preliminary, while all other seasonally adjusted data have undergone annual revision. U.S. data have undergone annual revision.

North Carolina Labor Market Conditions

The October 2019 not seasonally adjusted Total Nonfarm employment level of 4,617,000 was 30,300 (0.7%) higher than the September 2019 revised employment level of 4,586,700. Among the major industries in North Carolina, Government had the largest over-the-month increase in employment at 10,200 (1.4%) followed by Leisure & Hospitality Services (5,500; 1.1%), Education & Health Services (4,200; 0.7%), Financial Activities (3,300; 1.3%), Manufacturing (2,700; 0.6%), Trade, Transportation & Utilities (2,500; 0.3%), Professional & Business Services (1,900; 0.3%), and Other Services (600; 0.4%). Construction (300; 0.1%) & Information (300; 0.4%) reported an over-the-month decrease. Mining & Logging reported no change over the month.

Over the year, the Service Providing sector (all industries except Mining & Logging, Construction, and Manufacturing) showed an increase of 92,800 (2.4%) jobs. Leisure & Hospitality Services experienced the largest employment increase at 27,300 (5.4%), followed by Trade, Transportation & Utilities (24,100; 2.9%), Education & Health Services (14,900; 2.4%), Financial Activities (10,400; 4.3%), Professional & Business Services (6,600; 1.0%), Government (3,900; 0.5%), Other Services (3,700; 2.4%), and Information (1,900; 2.4%).

The Goods Producing sector fell by 3,700 (0.5%) jobs over the year. Construction had the largest decrease with 2,300 (1.0%), followed by Manufacturing (1,300; 0.3%), and Mining & Logging (100; 1.8%).

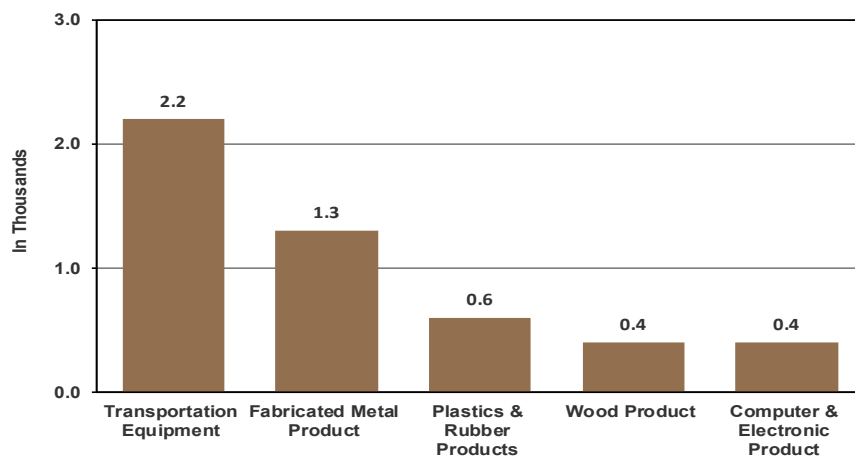
Amongst manufacturing industries, Transportation Equipment had the largest net over-the-year increase at 2,200. Other manufacturing industries with gains were: Fabricated Metal Product, 1,300; Plastics & Rubber Products, 600; Wood Product, 400; Computer & Electronic Product, 400; Beverage & Tobacco Product, 200; Machinery, 100; and Electrical Equipment, Appliance & Component, 100.

Food had the largest net over-the-year decrease at 2,200 in October 2019. Other industries with decreases were: Textile Mills, 1,200; Apparel, 500; Furniture & Related Product, 500; Chemical, 400; Printing & Related Support Activities, 200; and Textile Product Mills, 100.

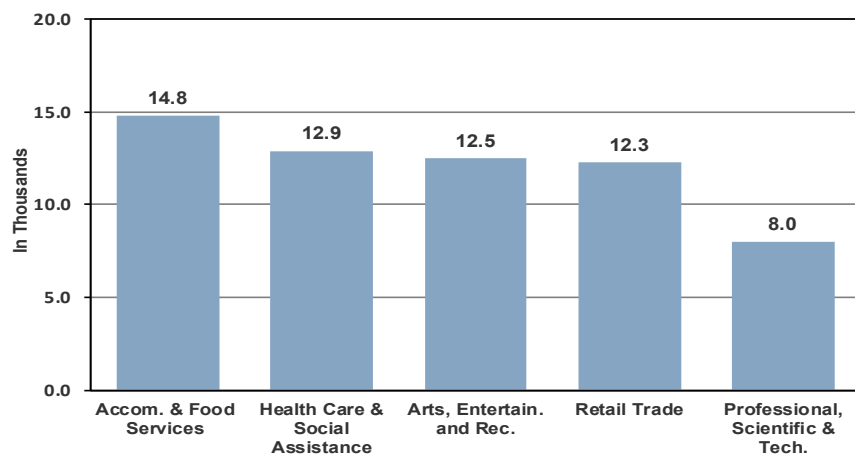
Over the month, Average Weekly Hours for total private workers in October decreased 24 minutes from September's revised rate of 34.5. Average Hourly Earnings fell by \$0.11 to \$25.48, as Average Weekly Earnings decreased by \$13.99 to \$868.87.

Over the year, Average Weekly Hours for total private workers in October decreased 18 minutes from the revised rate of 34.4 in October 2018. Average Hourly Earnings grew by \$0.43 and Average Weekly Earnings increased \$7.15.

Selected Manufacturing Industries With Job Gains October 2018–October 2019 (Not Seasonally Adjusted)



Selected Service Industries With Job Gains October 2018–October 2019 (Not Seasonally Adjusted)



Total Private Average Weekly Wage October 2016–October 2019 (Not Seasonally Adjusted)

