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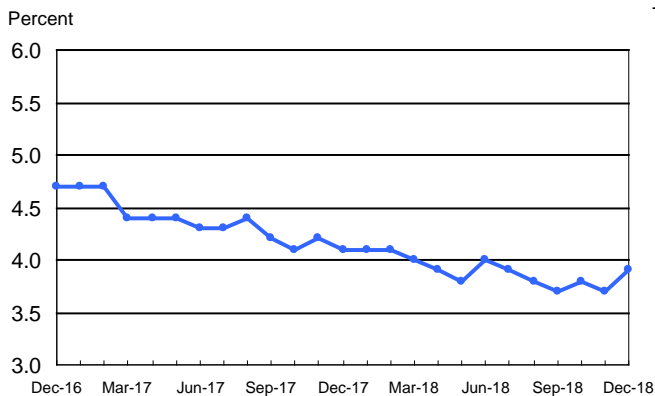
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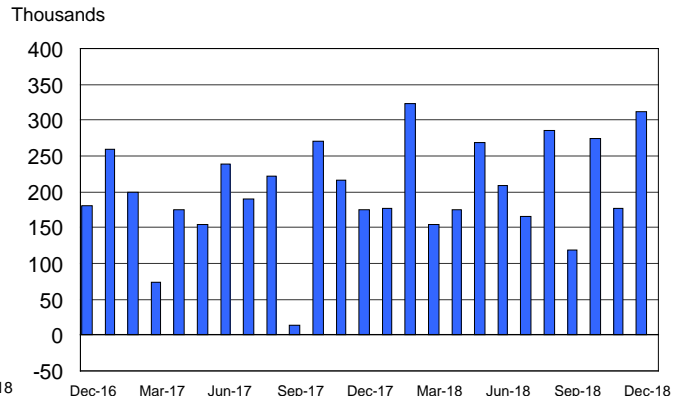
**THE EMPLOYMENT SITUATION — DECEMBER 2018**

Total **nonfarm payroll employment** increased by 312,000 in December, and the **unemployment rate** rose to 3.9 percent, the U.S. Bureau of Labor Statistics reported today. Job gains occurred in health care, food services and drinking places, construction, manufacturing, and retail trade.

**Chart 1. Unemployment rate, seasonally adjusted, December 2016 – December 2018**



**Chart 2. Nonfarm payroll employment over-the-month change, seasonally adjusted, December 2016 – December 2018**



**Revision of Seasonally Adjusted Household Survey Data**

Seasonally adjusted household survey data have been revised using updated seasonal adjustment factors, a procedure done at the end of each calendar year. Seasonally adjusted estimates back to January 2014 were subject to revision. The unemployment rates for January 2018 through November 2018 (as originally published and as revised) appear in table A on page 5, along with additional information about the revisions.

## Household Survey Data

The **unemployment rate** rose by 0.2 percentage point to 3.9 percent in December, and the number of **unemployed persons** increased by 276,000 to 6.3 million. A year earlier, the jobless rate was 4.1 percent, and the number of unemployed persons was 6.6 million. (See table A-1.)

Among the **major worker groups**, the unemployment rates for adult men (3.6 percent) and Blacks (6.6 percent) increased in December. The jobless rates for adult women (3.5 percent), teenagers (12.5 percent), Whites (3.4 percent), Asians (3.3 percent), and Hispanics (4.4 percent) showed little or no change over the month. (See tables A-1, A-2, and A-3.)

Among the unemployed, the number of **job leavers** increased by 142,000 in December to 839,000. Job leavers are unemployed persons who quit or otherwise voluntarily left their previous job and immediately began looking for new employment. (See table A-11.)

In December, the number of **long-term unemployed** (those jobless for 27 weeks or more) was little changed at 1.3 million and accounted for 20.5 percent of the unemployed. Over the year, the number of long-term unemployed was down by 205,000. (See table A-12.)

The **labor force participation rate**, at 63.1 percent, changed little in December, and the **employment-population ratio** was 60.6 percent for the third consecutive month. Both measures were up by 0.4 percentage point over the year. (See table A-1.)

The number of persons employed **part time for economic reasons** (sometimes referred to as involuntary part-time workers), at 4.7 million, changed little in December but was down by 329,000 over the year. These individuals, who would have preferred full-time employment, were working part time because their hours had been reduced or they were unable to find full-time jobs. (See table A-8.)

In December, 1.6 million persons were **marginally attached to the labor force**, little changed from a year earlier. (Data are not seasonally adjusted.) These individuals were not in the labor force, wanted and were available for work, and had looked for a job sometime in the prior 12 months. They were not counted as unemployed because they had not searched for work in the 4 weeks preceding the survey. (See table A-16.)

Among the marginally attached, there were 375,000 **discouraged workers** in December, down by 99,000 from a year earlier. (Data are not seasonally adjusted.) Discouraged workers are persons not currently looking for work because they believe no jobs are available for them. The remaining 1.2 million persons marginally attached to the labor force in December had not searched for work for reasons such as school attendance or family responsibilities. (See table A-16.)

## Establishment Survey Data

Total **nonfarm payroll employment** increased by 312,000 in December. Job gains occurred in health care, food services and drinking places, construction, manufacturing, and retail trade. Payroll employment rose by 2.6 million in 2018, compared with a gain of 2.2 million in 2017. (See table B-1.)

Employment in **health care** rose by 50,000 in December. Within the industry, job gains occurred in ambulatory health care services (+38,000) and hospitals (+7,000). Health care added 346,000 jobs in 2018, more than the gain of 284,000 jobs in 2017.

In December, employment in **food services and drinking places** increased by 41,000. Over the year, the industry added 235,000 jobs, similar to the increase in 2017 (+261,000).

**Construction** employment rose by 38,000 in December, with job gains in heavy and civil engineering construction (+16,000) and nonresidential specialty trade construction (+16,000). The construction industry added 280,000 jobs in 2018, compared with an increase of 250,000 in 2017.

**Manufacturing** added 32,000 jobs in December. Most of the gain occurred in the durable goods component (+19,000), with job growth in fabricated metal products (+7,000) and in computer and electronic products (+4,000). Employment in the nondurable goods component also increased over the month (+13,000). Manufacturing employment increased by 284,000 over the year, with about three-fourths of the gain in durable goods industries. Manufacturing had added 207,000 jobs in 2017.

In December, employment in **retail trade** rose by 24,000. Job growth occurred in general merchandise stores (+15,000) and automobile dealers (+6,000). These gains were partially offset by a job loss in sporting goods, hobby, book, and music stores (-9,000). Retail trade employment increased by 92,000 in 2018, after little net change in 2017 (-29,000).

Over the month, employment in **professional and business services** continued to trend up (+43,000). The industry added 583,000 jobs in 2018, outpacing the 458,000 jobs added in 2017.

Employment in other major industries, including **mining, wholesale trade, transportation and warehousing, information, financial activities, and government**, showed little change over the month.

The **average workweek for all employees** on private nonfarm payrolls increased by 0.1 hour to 34.5 hours in December. In manufacturing, both the workweek and overtime increased by 0.1 hour to 40.9 hours and 3.6 hours, respectively. The average workweek for **production and nonsupervisory employees** on private nonfarm payrolls held at 33.7 hours. (See tables B-2 and B-7.)

In December, **average hourly earnings for all employees** on private nonfarm payrolls rose 11 cents to \$27.48. Over the year, average hourly earnings have increased by 84 cents, or 3.2 percent. Average hourly earnings of private-sector **production and nonsupervisory employees** increased by 9 cents to \$23.05 in December. (See tables B-3 and B-8.)

The change in total nonfarm payroll employment for November was revised up from +155,000 to +176,000, and the change for October was revised up from +237,000 to +274,000. With these revisions, employment gains in October and November combined were 58,000 more than previously reported. (Monthly revisions result from additional reports received from businesses and government agencies since the last published estimates and from the recalculation of seasonal factors.) After revisions, job gains have averaged 254,000 per month over the last 3 months.

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**The Employment Situation for January is scheduled to be released on Friday, February 1, 2019, at 8:30 a.m. (EST).**

### **Upcoming Changes to the Household Survey**

Effective with the release of The Employment Situation for January 2019 on February 1, 2019, new population controls will be used in the household survey estimation process. These new controls reflect the annual updating of intercensal population estimates by the U.S. Census Bureau. In accordance with usual practice, historical data will not be revised to incorporate the new controls; consequently, household survey data for January 2019 will not be directly comparable with data for December 2018 or earlier periods. A table showing the effects of the new controls on the major labor force series will be included in the January 2019 news release.

### **Upcoming Revisions of Establishment Survey Data**

Effective with the release of The Employment Situation for January 2019 on February 1, 2019, the establishment survey will introduce revisions to nonfarm payroll employment, hours, and earnings data to reflect the annual benchmark process and updated seasonal adjustment factors. Not seasonally adjusted data beginning with April 2017 and seasonally adjusted data beginning with January 2014 are subject to revision. Consistent with standard practice, additional historical data are subject to revision as a result of the benchmark process.

### **Revision of Seasonally Adjusted Household Survey Data**

At the end of each calendar year, BLS routinely updates the seasonal adjustment factors for the labor force series derived from the household survey. As a result of this process, seasonally adjusted data for January 2014 through November 2018 were subject to revision. (Not seasonally adjusted data were not subject to revision.)

Table A shows the unemployment rates for January 2018 through November 2018, as first published and as revised. The rates changed by one-tenth of a percentage point in 3 of the 11 months and were unchanged in the remaining 8 months. Revised seasonally adjusted data for other major labor force series beginning in December 2017 appear in table B.

More information on this year's revisions to seasonally adjusted series is available at [www.bls.gov/web/empsit/cps-seas-adjustment-methodology.pdf](http://www.bls.gov/web/empsit/cps-seas-adjustment-methodology.pdf). Detailed information on the seasonal adjustment methodology can be found at [www.bls.gov/cps/seasonal-adjustment-methodology.htm](http://www.bls.gov/cps/seasonal-adjustment-methodology.htm).

Historical data for the household series contained in the A tables of this news release can be accessed at [www.bls.gov/cps/cpsatabs.htm](http://www.bls.gov/cps/cpsatabs.htm). Revised historical seasonally adjusted data are available at [www.bls.gov/cps/data.htm](http://www.bls.gov/cps/data.htm) and <https://download.bls.gov/pub/time.series/ln/>.

**Table A. Seasonally adjusted unemployment rates in 2018 and changes due to revision  
January - November 2018**

Month	As first published	As revised	Change
January .....	4.1	4.1	0.0
February .....	4.1	4.1	.0
March .....	4.1	4.0	-.1
April .....	3.9	3.9	.0
May .....	3.8	3.8	.0
June .....	4.0	4.0	.0
July .....	3.9	3.9	.0
August .....	3.9	3.8	-.1
September .....	3.7	3.7	.0
October .....	3.7	3.8	.1
November .....	3.7	3.7	.0

**HOUSEHOLD DATA**

**Table B. Employment status of the civilian population by sex and age, seasonally adjusted**  
[Numbers in thousands]

Employment status, sex, and age	2017	2018											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	256,109	256,780	256,934	257,097	257,272	257,454	257,642	257,843	258,066	258,290	258,514	258,708	258,888
Civilian labor force.....	160,636	161,123	161,900	161,646	161,551	161,667	162,129	162,209	161,802	162,055	162,694	162,821	163,240
Participation rate.....	62.7	62.7	63.0	62.9	62.8	62.8	62.9	62.9	62.7	62.7	62.9	62.9	63.1
Employed.....	154,065	154,482	155,213	155,160	155,216	155,539	155,592	155,964	155,604	156,069	156,582	156,803	156,945
Employment-population ratio.....	60.2	60.2	60.4	60.4	60.3	60.4	60.4	60.5	60.3	60.4	60.6	60.6	60.6
Unemployed.....	6,572	6,641	6,687	6,486	6,335	6,128	6,537	6,245	6,197	5,986	6,112	6,018	6,294
Unemployment rate.....	4.1	4.1	4.1	4.0	3.9	3.8	4.0	3.9	3.8	3.7	3.8	3.7	3.9
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	115,292	115,669	115,748	115,832	115,921	116,017	116,115	116,220	116,328	116,437	116,546	116,646	116,739
Civilian labor force.....	82,594	82,915	83,258	83,149	83,163	83,257	83,103	83,019	83,044	83,104	83,277	83,408	83,500
Participation rate.....	71.6	71.7	71.9	71.8	71.7	71.8	71.6	71.4	71.4	71.4	71.5	71.5	71.5
Employed.....	79,493	79,719	80,186	80,091	80,108	80,299	80,006	80,217	80,149	80,251	80,388	80,633	80,501
Employment-population ratio.....	68.9	68.9	69.3	69.1	69.1	69.2	68.9	69.0	68.9	68.9	69.0	69.1	69.0
Unemployed.....	3,101	3,196	3,072	3,059	3,055	2,958	3,097	2,801	2,895	2,853	2,889	2,775	2,999
Unemployment rate.....	3.8	3.9	3.7	3.7	3.7	3.6	3.7	3.4	3.5	3.4	3.5	3.3	3.6
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	124,057	124,328	124,407	124,491	124,579	124,674	124,771	124,875	124,983	125,091	125,200	125,299	125,393
Civilian labor force.....	72,272	72,238	72,595	72,580	72,558	72,590	73,155	73,295	73,153	73,107	73,442	73,478	73,769
Participation rate.....	58.3	58.1	58.4	58.3	58.2	58.2	58.6	58.7	58.5	58.4	58.7	58.6	58.8
Employed.....	69,587	69,620	69,849	69,946	70,033	70,161	70,455	70,622	70,563	70,710	70,935	70,949	71,218
Employment-population ratio.....	56.1	56.0	56.1	56.2	56.2	56.3	56.5	56.6	56.5	56.5	56.7	56.6	56.8
Unemployed.....	2,686	2,618	2,746	2,634	2,525	2,429	2,701	2,673	2,590	2,398	2,507	2,529	2,550
Unemployment rate.....	3.7	3.6	3.8	3.6	3.5	3.3	3.7	3.6	3.5	3.3	3.4	3.4	3.5
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	16,760	16,783	16,778	16,774	16,771	16,763	16,755	16,748	16,755	16,762	16,768	16,763	16,756
Civilian labor force.....	5,771	5,970	6,047	5,916	5,829	5,820	5,871	5,896	5,604	5,843	5,974	5,935	5,971
Participation rate.....	34.4	35.6	36.0	35.3	34.8	34.7	35.0	35.2	33.4	34.9	35.6	35.4	35.6
Employed.....	4,985	5,143	5,178	5,123	5,074	5,079	5,131	5,125	4,892	5,108	5,258	5,221	5,226
Employment-population ratio.....	29.7	30.6	30.9	30.5	30.3	30.3	30.6	30.6	29.2	30.5	31.4	31.1	31.2
Unemployed.....	785	827	870	793	755	741	740	771	712	735	715	714	745
Unemployment rate.....	13.6	13.9	14.4	13.4	13.0	12.7	12.6	13.1	12.7	12.6	12.0	12.0	12.5

<sup>1</sup> The population figures are not adjusted for seasonal variation.

NOTE: Seasonally adjusted data have been revised to reflect updated seasonal adjustment factors.

# HOUSEHOLD DATA

## Summary table A. Household data, seasonally adjusted

[Numbers in thousands]

Category	Dec. 2017	Oct. 2018	Nov. 2018	Dec. 2018	Change from: Nov. 2018- Dec. 2018
<b>Employment status</b>					
Civilian noninstitutional population.....	256,109	258,514	258,708	258,888	180
Civilian labor force.....	160,636	162,694	162,821	163,240	419
Participation rate.....	62.7	62.9	62.9	63.1	0.2
Employed.....	154,065	156,582	156,803	156,945	142
Employment-population ratio.....	60.2	60.6	60.6	60.6	0.0
Unemployed.....	6,572	6,112	6,018	6,294	276
Unemployment rate.....	4.1	3.8	3.7	3.9	0.2
Not in labor force.....	95,473	95,821	95,886	95,649	-237
<b>Unemployment rates</b>					
Total, 16 years and over.....	4.1	3.8	3.7	3.9	0.2
Adult men (20 years and over).....	3.8	3.5	3.3	3.6	0.3
Adult women (20 years and over).....	3.7	3.4	3.4	3.5	0.1
Teenagers (16 to 19 years).....	13.6	12.0	12.0	12.5	0.5
White.....	3.7	3.3	3.4	3.4	0.0
Black or African American.....	6.7	6.2	6.0	6.6	0.6
Asian.....	2.5	3.1	2.7	3.3	0.6
Hispanic or Latino ethnicity.....	4.9	4.4	4.5	4.4	-0.1
Total, 25 years and over.....	3.4	3.1	3.0	3.1	0.1
Less than a high school diploma.....	6.3	5.9	5.6	5.8	0.2
High school graduates, no college.....	4.2	4.0	3.5	3.8	0.3
Some college or associate degree.....	3.6	3.0	3.1	3.3	0.2
Bachelor's degree and higher.....	2.1	2.0	2.2	2.1	-0.1
<b>Reason for unemployment</b>					
Job losers and persons who completed temporary jobs.....	3,249	2,858	2,842	2,903	61
Job leavers.....	726	731	697	839	142
Reentrants.....	1,985	1,914	1,880	1,958	78
New entrants.....	568	605	577	588	11
<b>Duration of unemployment</b>					
Less than 5 weeks.....	2,230	2,062	2,128	2,126	-2
5 to 14 weeks.....	1,984	1,845	1,842	2,027	185
15 to 26 weeks.....	892	859	865	897	32
27 weeks and over.....	1,511	1,370	1,259	1,306	47
<b>Employed persons at work part time</b>					
Part time for economic reasons.....	4,986	4,630	4,781	4,657	-124
Slack work or business conditions.....	3,081	2,837	2,882	2,891	9
Could only find part-time work.....	1,570	1,461	1,562	1,496	-66
Part time for noneconomic reasons.....	21,163	21,448	20,909	21,234	325
<b>Persons not in the labor force (not seasonally adjusted)</b>					
Marginally attached to the labor force.....	1,623	1,491	1,678	1,556	-
Discouraged workers.....	474	506	453	375	-

- Over-the-month changes are not displayed for not seasonally adjusted data.

NOTE: Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Detail for the seasonally adjusted data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series. Updated population controls are introduced annually with the release of January data.

**ESTABLISHMENT DATA**  
**Summary table B. Establishment data, seasonally adjusted**

Category	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>
<b>EMPLOYMENT BY SELECTED INDUSTRY</b> (Over-the-month change, in thousands)				
Total nonfarm.....	175	274	176	312
Total private.....	174	281	173	301
Goods-producing.....	82	64	27	74
Mining and logging.....	1	4	0	4
Construction.....	42	31	0	38
Manufacturing.....	39	29	27	32
Durable goods <sup>1</sup> .....	29	19	14	19
Motor vehicles and parts.....	2.5	6.2	-1.4	1.8
Nondurable goods.....	10	10	13	13
Private service-providing.....	92	217	146	227
Wholesale trade.....	8.6	5.6	9.3	8.4
Retail trade.....	-25.9	0.1	29.2	23.8
Transportation and warehousing.....	8.7	16.7	28.9	2.2
Utilities.....	-0.2	1.4	0.6	0.5
Information.....	-4	7	-5	-1
Financial activities.....	8	10	1	6
Professional and business services <sup>1</sup> .....	31	56	44	43
Temporary help services.....	-1.0	15.8	10.5	10.3
Education and health services <sup>1</sup> .....	30	44	21	82
Health care and social assistance.....	30.9	47.8	31.3	57.9
Leisure and hospitality.....	31	67	18	55
Other services.....	5	9	-1	8
Government.....	1	-7	3	11
<b>(3-month average change, in thousands)</b>				
Total nonfarm.....	221	226	190	254
Total private.....	223	222	190	252
<b>WOMEN AND PRODUCTION AND NONSUPERVISORY EMPLOYEES</b> AS A PERCENT OF ALL EMPLOYEES <sup>2</sup>				
Total nonfarm women employees.....	49.5	49.7	49.7	49.7
Total private women employees.....	48.1	48.3	48.3	48.3
Total private production and nonsupervisory employees.....	82.4	82.4	82.4	82.4
<b>HOURS AND EARNINGS</b> ALL EMPLOYEES				
<b>Total private</b>				
Average weekly hours.....	34.5	34.5	34.4	34.5
Average hourly earnings.....	\$26.64	\$27.31	\$27.37	\$27.48
Average weekly earnings.....	\$919.08	\$942.20	\$941.53	\$948.06
Index of aggregate weekly hours (2007=100) <sup>3</sup> .....	108.5	110.3	110.1	110.7
Over-the-month percent change.....	0.2	0.5	-0.2	0.5
Index of aggregate weekly payrolls (2007=100) <sup>4</sup> .....	138.2	144.0	144.1	145.4
Over-the-month percent change.....	0.5	0.7	0.1	0.9
<b>DIFFUSION INDEX</b> (Over 1-month span) <sup>5</sup>				
Total private (258 industries).....	65.5	68.4	61.0	70.0
Manufacturing (76 industries).....	68.4	62.5	62.5	67.1

<sup>1</sup> Includes other industries, not shown separately.

<sup>2</sup> Data relate to production employees in mining and logging and manufacturing, construction employees in construction, and nonsupervisory employees in the service-providing industries.

<sup>3</sup> The indexes of aggregate weekly hours are calculated by dividing the current month's estimates of aggregate hours by the corresponding annual average aggregate hours.

<sup>4</sup> The indexes of aggregate weekly payrolls are calculated by dividing the current month's estimates of aggregate weekly payrolls by the corresponding annual average aggregate weekly payrolls.

<sup>5</sup> Figures are the percent of industries with employment increasing plus one-half of the industries with unchanged employment, where 50 percent indicates an equal balance between industries with increasing and decreasing employment.

p Preliminary

NOTE: Data have been revised to reflect March 2017 benchmark levels and updated seasonal adjustment factors.

# Frequently Asked Questions about Employment and Unemployment Estimates

## 1. Why are there two monthly measures of employment?

The household survey and establishment survey both produce sample-based estimates of employment, and both have strengths and limitations. The establishment survey employment series has a smaller margin of error on the measurement of month-to-month change than the household survey because of its much larger sample size. An over-the-month employment change of about 100,000 is statistically significant in the establishment survey, while the threshold for a statistically significant change in the household survey is about 500,000. However, the household survey has a more expansive scope than the establishment survey because it includes self-employed workers whose businesses are unincorporated, unpaid family workers, agricultural workers, and private household workers, who are excluded by the establishment survey. The household survey also provides estimates of employment for demographic groups. For more information on the differences between the two surveys, please visit [https://www.bls.gov/web/empsit/ces\\_cps\\_trends.htm](https://www.bls.gov/web/empsit/ces_cps_trends.htm).

## 2. Are undocumented immigrants counted in the surveys?

It is likely that both surveys include at least some undocumented immigrants. However, neither the establishment nor the household survey is designed to identify the legal status of workers. Therefore, it is not possible to determine how many are counted in either survey. The establishment survey does not collect data on the legal status of workers. The household survey does include questions which identify the foreign and native born, but it does not include questions about the legal status of the foreign born. Data on the foreign and native born are published each month in table A-7 of The Employment Situation news release.

## 3. Why does the establishment survey have revisions?

The establishment survey revises published estimates to improve its data series by incorporating additional information that was not available at the time of the initial publication of the estimates. The establishment survey revises its initial monthly estimates twice, in the immediately succeeding 2 months, to incorporate additional sample receipts from respondents in the survey and recalculated seasonal adjustment factors. For more information on the monthly revisions, please visit <https://www.bls.gov/ces/cesrevinfo.htm>.

On an annual basis, the establishment survey incorporates a benchmark revision that re-anchors estimates to nearly complete employment counts available from unemployment insurance tax records. The benchmark helps to control for sampling and modeling errors in the estimates. For more information on the annual benchmark revision, please visit <https://www.bls.gov/web/empsit/cesbmart.htm>.

## 4. Does the establishment survey sample include small firms?

Yes; about 40 percent of the establishment survey sample is comprised of business establishments with fewer than 20 employees. The establishment survey sample is designed to maximize the reliability of the statewide total nonfarm employment estimate; firms from all states, size classes, and industries are appropriately sampled to achieve that goal.



## **5. Does the establishment survey account for employment from new businesses?**

Yes; monthly establishment survey estimates include an adjustment to account for the net employment change generated by business births and deaths. The adjustment comes from an econometric model that forecasts the monthly net jobs impact of business births and deaths based on the actual past values of the net impact that can be observed with a lag from the Quarterly Census of Employment and Wages. The establishment survey uses modeling rather than sampling for this purpose because the survey is not immediately able to bring new businesses into the sample. There is an unavoidable lag between the birth of a new firm and its appearance on the sampling frame and availability for selection. BLS adds new businesses to the survey twice a year.

## **6. Is the count of unemployed persons limited to just those people receiving unemployment insurance benefits?**

No; the estimate of unemployment is based on a monthly sample survey of households. All persons who are without jobs and are actively seeking and available to work are included among the unemployed. (People on temporary layoff are included even if they do not actively seek work.) There is no requirement or question relating to unemployment insurance benefits in the monthly survey.

## **7. Does the official unemployment rate exclude people who want a job but are not currently looking for work?**

Yes; however, there are separate estimates of persons outside the labor force who want a job, including those who are not currently looking because they believe no jobs are available (discouraged workers). In addition, alternative measures of labor underutilization (some of which include discouraged workers and other groups not officially counted as unemployed) are published each month in table A-15 of The Employment Situation news release. For more information about these alternative measures, please visit <https://www.bls.gov/cps/lfcharacteristics.htm#altmeasures>.

## **8. How can unusually severe weather affect employment and hours estimates?**

In the establishment survey, the reference period is the pay period that includes the 12th of the month. Unusually severe weather is more likely to have an impact on average weekly hours than on employment. Average weekly hours are estimated for paid time during the pay period, including pay for holidays, sick leave, or other time off. The impact of severe weather on hours estimates typically, but not always, results in a reduction in average weekly hours. For example, some employees may be off work for part of the pay period and not receive pay for the time missed, while some workers, such as those dealing with cleanup or repair, may work extra hours.

Typically, it is not possible to precisely quantify the effect of extreme weather on payroll employment estimates. In order for severe weather conditions to reduce employment estimates, employees have to be off work without pay for the entire pay period. Employees who receive pay for any part of the pay period, even 1 hour, are counted in the payroll employment figures. For more information on how often employees are paid, please visit <https://www.bls.gov/opub/btn/volume-3/how-frequently-do-private-businesses-pay-workers.htm>.

In the household survey, the reference period is generally the calendar week that includes the 12th of the month. Persons who miss the entire week's work for weather-related events are counted as employed whether or not they are paid for the time off. The household survey collects data on the number of persons who had a job but were not at work due to bad weather. It also provides a measure of the number of persons who usually work full time but had reduced hours due to bad weather. Current and historical data are available on the household survey's most requested statistics page, please visit <https://data.bls.gov/cgi-bin/surveymost?ln>.

# Technical Note

This news release presents statistics from two major surveys, the Current Population Survey (CPS; household survey) and the Current Employment Statistics survey (CES; establishment survey). The household survey provides information on the labor force, employment, and unemployment that appears in the "A" tables, marked HOUSEHOLD DATA. It is a sample survey of about 60,000 eligible households conducted by the U.S. Census Bureau for the U.S. Bureau of Labor Statistics (BLS).

The establishment survey provides information on employment, hours, and earnings of employees on nonfarm payrolls; the data appear in the "B" tables, marked ESTABLISHMENT DATA. BLS collects these data each month from the payroll records of a sample of nonagricultural business establishments. Each month the CES program surveys about 149,000 businesses and government agencies, representing approximately 651,000 individual worksites, in order to provide detailed industry data on employment, hours, and earnings of workers on nonfarm payrolls. The active sample includes approximately one-third of all nonfarm payroll employees.

For both surveys, the data for a given month relate to a particular week or pay period. In the household survey, the reference period is generally the calendar week that contains the 12th day of the month. In the establishment survey, the reference period is the pay period including the 12th, which may or may not correspond directly to the calendar week.

## Coverage, definitions, and differences between surveys

**Household survey.** The sample is selected to reflect the entire civilian noninstitutional population. Based on responses to a series of questions on work and job search activities, each person 16 years and over in a sample household is classified as employed, unemployed, or not in the labor force.

People are classified as *employed* if they did any work at all as paid employees during the reference week; worked in their own business, profession, or on their own farm; or worked without pay at least 15 hours in a family business or farm. People are also counted as employed if they were temporarily absent from their jobs because of illness, bad weather, vacation, labor-management disputes, or personal reasons.

People are classified as *unemployed* if they meet all of the following criteria: they had no employment during the reference week; they were available for work at that time; and they made specific efforts to find employment sometime during the 4-week period ending with the reference week. Persons laid off from a job and expecting recall need not be looking for work to be counted as unemployed. The unemployment data derived from the household survey in no way depend upon the eligibility for or receipt of unemployment insurance benefits.

The *civilian labor force* is the sum of employed and unemployed persons. Those persons not classified as employed or unemployed are *not in the labor force*. The

*unemployment rate* is the number unemployed as a percent of the labor force. The *labor force participation rate* is the labor force as a percent of the population, and the *employment-population ratio* is the employed as a percent of the population. Additional information about the household survey can be found at <https://www.bls.gov/cps/documentation.htm>.

**Establishment survey.** The sample establishments are drawn from private nonfarm businesses such as factories, offices, and stores, as well as from federal, state, and local government entities. *Employees on nonfarm payrolls* are those who received pay for any part of the reference pay period, including persons on paid leave. Persons are counted in each job they hold. *Hours and earnings* data are produced for the private sector for all employees and for production and nonsupervisory employees. *Production and nonsupervisory* employees are defined as production and related employees in manufacturing and mining and logging, construction workers in construction, and non-supervisory employees in private service-providing industries.

Industries are classified on the basis of an establishment's principal activity in accordance with the 2017 version of the North American Industry Classification System. Additional information about the establishment survey can be found at <https://www.bls.gov/ces/>.

**Differences in employment estimates.** The numerous conceptual and methodological differences between the household and establishment surveys result in important distinctions in the employment estimates derived from the surveys. Among these are:

- The household survey includes agricultural workers, self-employed workers whose businesses are unincorporated, unpaid family workers, and private household workers among the employed. These groups are excluded from the establishment survey.
- The household survey includes people on unpaid leave among the employed. The establishment survey does not.
- The household survey is limited to workers 16 years of age and older. The establishment survey is not limited by age.
- The household survey has no duplication of individuals, because individuals are counted only once, even if they hold more than one job. In the establishment survey, employees working at more than one job and thus appearing on more than one payroll are counted separately for each appearance.

## Seasonal adjustment

Over the course of a year, the size of the nation's labor force and the levels of employment and unemployment undergo regularly occurring fluctuations. These events may result from seasonal changes in weather, major holidays, and the opening and closing of schools. The effect of such seasonal variation can be very large.

Because these seasonal events follow a more or less regular pattern each year, their influence on the level of a series can be tempered by adjusting for regular seasonal variation. These adjustments make nonseasonal developments, such as declines in employment or increases in the participation of women in the labor force, easier to spot. For example, in the household survey, the large number of youth entering the labor force each June is likely to obscure any other changes that have taken place relative to May, making it difficult to determine if the level of economic activity has risen or declined. Similarly, in the establishment survey, payroll employment in education declines by about 20 percent at the end of the spring term and later rises with the start of the fall term, obscuring the underlying employment trends in the industry. Because seasonal employment changes at the end and beginning of the school year can be estimated, the statistics can be adjusted to make underlying employment patterns more discernable. The seasonally adjusted figures provide a more useful tool with which to analyze changes in month-to-month economic activity.

Many seasonally adjusted series are independently adjusted in both the household and establishment surveys. However, the adjusted series for many major estimates, such as total payroll employment, employment in most major sectors, total employment, and unemployment are computed by aggregating independently adjusted component series. For example, total unemployment is derived by summing the adjusted series for four major age-sex components; this differs from the unemployment estimate that would be obtained by directly adjusting the total or by combining the duration, reasons, or more detailed age categories.

For both the household and establishment surveys, a concurrent seasonal adjustment methodology is used in which new seasonal factors are calculated each month using all relevant data, up to and including the data for the current month. In the household survey, new seasonal factors are used to adjust only the current month's data. In the establishment survey, however, new seasonal factors are used each month to adjust the three most recent monthly estimates. The prior 2 months are routinely revised to incorporate additional sample reports and recalculated seasonal adjustment factors. In both surveys, 5-year revisions to historical data are made once a year.

## Reliability of the estimates

Statistics based on the household and establishment surveys are subject to both sampling and nonsampling error. When a sample, rather than the entire population, is

surveyed, there is a chance that the sample estimates may differ from the true population values they represent. The component of this difference that occurs because samples differ by chance is known as *sampling error*, and its variability is measured by the standard error of the estimate. There is about a 90-percent chance, or level of confidence, that an estimate based on a sample will differ by no more than 1.6 standard errors from the true population value because of sampling error. BLS analyses are generally conducted at the 90-percent level of confidence.

For example, the confidence interval for the monthly change in total nonfarm employment from the establishment survey is on the order of plus or minus 115,000. Suppose the estimate of nonfarm employment increases by 50,000 from one month to the next. The 90-percent confidence interval on the monthly change would range from -65,000 to +165,000 (50,000 +/- 115,000). These figures do not mean that the sample results are off by these magnitudes, but rather that there is about a 90-percent chance that the true over-the-month change lies within this interval. Since this range includes values of less than zero, we could not say with confidence that nonfarm employment had, in fact, increased that month. If, however, the reported nonfarm employment rise was 250,000, then all of the values within the 90-percent confidence interval would be greater than zero. In this case, it is likely (at least a 90-percent chance) that nonfarm employment had, in fact, risen that month. At an unemployment rate of around 6.0 percent, the 90-percent confidence interval for the monthly change in unemployment as measured by the household survey is about +/- 300,000, and for the monthly change in the unemployment rate it is about +/- 0.2 percentage point.

In general, estimates involving many individuals or establishments have lower standard errors (relative to the size of the estimate) than estimates which are based on a small number of observations. The precision of estimates also is improved when the data are cumulated over time, such as for quarterly and annual averages.

The household and establishment surveys are also affected by *nonsampling error*, which can occur for many reasons, including the failure to sample a segment of the population, inability to obtain information for all respondents in the sample, inability or unwillingness of respondents to provide correct information on a timely basis, mistakes made by respondents, and errors made in the collection or processing of the data.

For example, in the establishment survey, estimates for the most recent 2 months are based on incomplete returns; for this reason, these estimates are labeled preliminary in the tables. It is only after two successive revisions to a monthly estimate, when nearly all sample reports have been received, that the estimate is considered final.

Another major source of nonsampling error in the establishment survey is the inability to capture, on a timely basis, employment generated by new firms. To correct for this systematic underestimation of employment growth, an estimation procedure with two components is used to account for business births. The first component excludes employment losses from business deaths from sample-based

estimation in order to offset the missing employment gains from business births. This is incorporated into the sample-based estimation procedure by simply not reflecting sample units going out of business, but imputing to them the same employment trend as the other firms in the sample. This procedure accounts for most of the net birth/death employment.

The second component is an ARIMA time series model designed to estimate the residual net birth/death employment not accounted for by the imputation. The historical time series used to create and test the ARIMA model was derived from the unemployment insurance universe micro-level database, and reflects the actual residual net of births and deaths over the past 5 years.

The sample-based estimates from the establishment survey are adjusted once a year (on a lagged basis) to

universe counts of payroll employment obtained from administrative records of the unemployment insurance program. The difference between the March sample-based employment estimates and the March universe counts is known as a benchmark revision, and serves as a rough proxy for total survey error. The new benchmarks also incorporate changes in the classification of industries. Over the past decade, absolute benchmark revisions for total nonfarm employment have averaged 0.3 percent, with a range from -0.7 percent to 0.6 percent.

#### **Other information**

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

# HOUSEHOLD DATA

## Table A-1. Employment status of the civilian population by sex and age

[Numbers in thousands]

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
<b>TOTAL</b>									
Civilian noninstitutional population.....	256,109	258,708	258,888	256,109	258,066	258,290	258,514	258,708	258,888
Civilian labor force.....	159,880	162,665	162,510	160,636	161,802	162,055	162,694	162,821	163,240
Participation rate.....	62.4	62.9	62.8	62.7	62.7	62.7	62.9	62.9	63.1
Employed.....	153,602	157,015	156,481	154,065	155,604	156,069	156,582	156,803	156,945
Employment-population ratio.....	60.0	60.7	60.4	60.2	60.3	60.4	60.6	60.6	60.6
Unemployed.....	6,278	5,650	6,029	6,572	6,197	5,986	6,112	6,018	6,294
Unemployment rate.....	3.9	3.5	3.7	4.1	3.8	3.7	3.8	3.7	3.9
Not in labor force.....	96,230	96,043	96,378	95,473	96,264	96,235	95,821	95,886	95,649
Persons who currently want a job.....	5,071	5,060	5,121	5,285	5,401	5,266	5,333	5,397	5,327
<b>Men, 16 years and over</b>									
Civilian noninstitutional population.....	123,786	125,137	125,227	123,786	124,816	124,928	125,041	125,137	125,227
Civilian labor force.....	84,831	85,974	85,857	85,409	85,868	85,912	86,146	86,330	86,441
Participation rate.....	68.5	68.7	68.6	69.0	68.8	68.8	68.9	69.0	69.0
Employed.....	81,300	83,033	82,440	81,893	82,565	82,686	82,894	83,194	83,041
Employment-population ratio.....	65.7	66.4	65.8	66.2	66.1	66.2	66.3	66.5	66.3
Unemployed.....	3,531	2,941	3,417	3,517	3,303	3,226	3,252	3,136	3,401
Unemployment rate.....	4.2	3.4	4.0	4.1	3.8	3.8	3.8	3.6	3.9
Not in labor force.....	38,955	39,163	39,370	38,377	38,948	39,016	38,895	38,807	38,785
<b>Men, 20 years and over</b>									
Civilian noninstitutional population.....	115,292	116,646	116,739	115,292	116,328	116,437	116,546	116,646	116,739
Civilian labor force.....	82,193	83,231	83,101	82,594	83,044	83,104	83,277	83,408	83,500
Participation rate.....	71.3	71.4	71.2	71.6	71.4	71.4	71.5	71.5	71.5
Employed.....	79,025	80,636	80,036	79,493	80,149	80,251	80,388	80,633	80,501
Employment-population ratio.....	68.5	69.1	68.6	68.9	68.9	68.9	69.0	69.1	69.0
Unemployed.....	3,168	2,596	3,066	3,101	2,895	2,853	2,889	2,775	2,999
Unemployment rate.....	3.9	3.1	3.7	3.8	3.5	3.4	3.5	3.3	3.6
Not in labor force.....	33,099	33,414	33,638	32,699	33,284	33,333	33,269	33,238	33,239
<b>Women, 16 years and over</b>									
Civilian noninstitutional population.....	132,323	133,571	133,662	132,323	133,250	133,362	133,474	133,571	133,662
Civilian labor force.....	75,048	76,691	76,654	75,227	75,934	76,143	76,548	76,492	76,798
Participation rate.....	56.7	57.4	57.3	56.9	57.0	57.1	57.4	57.3	57.5
Employed.....	72,301	73,982	74,041	72,172	73,039	73,383	73,688	73,609	73,904
Employment-population ratio.....	54.6	55.4	55.4	54.5	54.8	55.0	55.2	55.1	55.3
Unemployed.....	2,747	2,709	2,612	3,055	2,895	2,760	2,860	2,883	2,894
Unemployment rate.....	3.7	3.5	3.4	4.1	3.8	3.6	3.7	3.8	3.8
Not in labor force.....	57,275	56,880	57,008	57,096	57,316	57,219	56,926	57,079	56,864
<b>Women, 20 years and over</b>									
Civilian noninstitutional population.....	124,057	125,299	125,393	124,057	124,983	125,091	125,200	125,299	125,393
Civilian labor force.....	72,237	73,820	73,768	72,272	73,153	73,107	73,442	73,478	73,769
Participation rate.....	58.2	58.9	58.8	58.3	58.5	58.4	58.7	58.6	58.8
Employed.....	69,775	71,438	71,422	69,587	70,563	70,710	70,935	70,949	71,218
Employment-population ratio.....	56.2	57.0	57.0	56.1	56.5	56.5	56.7	56.6	56.8
Unemployed.....	2,462	2,383	2,345	2,686	2,590	2,398	2,507	2,529	2,550
Unemployment rate.....	3.4	3.2	3.2	3.7	3.5	3.3	3.4	3.4	3.5
Not in labor force.....	51,820	51,479	51,625	51,785	51,829	51,984	51,757	51,821	51,624
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population.....	16,760	16,763	16,756	16,760	16,755	16,762	16,768	16,763	16,756
Civilian labor force.....	5,449	5,613	5,641	5,771	5,604	5,843	5,974	5,935	5,971
Participation rate.....	32.5	33.5	33.7	34.4	33.4	34.9	35.6	35.4	35.6
Employed.....	4,801	4,941	5,023	4,985	4,892	5,108	5,258	5,221	5,226
Employment-population ratio.....	28.6	29.5	30.0	29.7	29.2	30.5	31.4	31.1	31.2
Unemployed.....	648	672	619	785	712	735	715	714	745
Unemployment rate.....	11.9	12.0	11.0	13.6	12.7	12.6	12.0	12.0	12.5
Not in labor force.....	11,311	11,150	11,115	10,989	11,151	10,918	10,795	10,828	10,785

<sup>1</sup> The population figures are not adjusted for seasonal variation; therefore, identical numbers appear in the unadjusted and seasonally adjusted columns.

NOTE: Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-2. Employment status of the civilian population by race, sex, and age**

[Numbers in thousands]

Employment status, race, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
<b>WHITE</b>									
Civilian noninstitutional population.....	199,458	200,690	200,774	199,458	200,356	200,476	200,596	200,690	200,774
Civilian labor force.....	124,594	126,165	126,072	125,227	125,347	125,617	126,100	126,334	126,680
Participation rate.....	62.5	62.9	62.8	62.8	62.6	62.7	62.9	63.0	63.1
Employed.....	120,148	122,247	121,900	120,585	121,074	121,507	121,923	122,036	122,318
Employment-population ratio.....	60.2	60.9	60.7	60.5	60.4	60.6	60.8	60.8	60.9
Unemployed.....	4,446	3,918	4,173	4,642	4,272	4,110	4,177	4,299	4,362
Unemployment rate.....	3.6	3.1	3.3	3.7	3.4	3.3	3.3	3.4	3.4
Not in labor force.....	74,864	74,525	74,702	74,231	75,009	74,858	74,496	74,355	74,094
<b>Men, 20 years and over</b>									
Civilian labor force.....	65,263	65,825	65,822	65,559	65,527	65,661	65,771	65,961	66,110
Participation rate.....	71.6	71.6	71.6	71.9	71.4	71.5	71.6	71.8	71.9
Employed.....	62,964	64,000	63,649	63,370	63,513	63,664	63,785	63,960	64,046
Employment-population ratio.....	69.0	69.6	69.2	69.5	69.2	69.4	69.4	69.6	69.6
Unemployed.....	2,299	1,826	2,174	2,190	2,014	1,996	1,986	2,000	2,064
Unemployment rate.....	3.5	2.8	3.3	3.3	3.1	3.0	3.0	3.0	3.1
<b>Women, 20 years and over</b>									
Civilian labor force.....	55,061	56,054	55,939	55,131	55,372	55,378	55,778	55,819	55,995
Participation rate.....	57.4	58.1	58.0	57.5	57.5	57.5	57.8	57.9	58.0
Employed.....	53,356	54,413	54,368	53,231	53,616	53,792	54,062	54,023	54,226
Employment-population ratio.....	55.6	56.4	56.3	55.5	55.7	55.8	56.1	56.0	56.2
Unemployed.....	1,705	1,642	1,571	1,900	1,757	1,586	1,716	1,796	1,769
Unemployment rate.....	3.1	2.9	2.8	3.4	3.2	2.9	3.1	3.2	3.2
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	4,270	4,285	4,311	4,537	4,447	4,578	4,551	4,554	4,575
Participation rate.....	34.6	34.8	35.1	36.8	36.1	37.2	37.0	37.0	37.2
Employed.....	3,828	3,835	3,883	3,985	3,945	4,051	4,076	4,052	4,047
Employment-population ratio.....	31.0	31.2	31.6	32.3	32.1	32.9	33.1	32.9	32.9
Unemployed.....	442	450	428	552	501	527	476	502	528
Unemployment rate.....	10.4	10.5	9.9	12.2	11.3	11.5	10.5	11.0	11.6
<b>BLACK OR AFRICAN AMERICAN</b>									
Civilian noninstitutional population.....	32,436	32,923	32,956	32,436	32,810	32,848	32,887	32,923	32,956
Civilian labor force.....	20,050	20,467	20,325	20,181	20,384	20,504	20,564	20,451	20,460
Participation rate.....	61.8	62.2	61.7	62.2	62.1	62.4	62.5	62.1	62.1
Employed.....	18,791	19,288	19,067	18,827	19,108	19,265	19,290	19,232	19,107
Employment-population ratio.....	57.9	58.6	57.9	58.0	58.2	58.6	58.7	58.4	58.0
Unemployed.....	1,260	1,179	1,257	1,354	1,276	1,239	1,274	1,219	1,353
Unemployment rate.....	6.3	5.8	6.2	6.7	6.3	6.0	6.2	6.0	6.6
Not in labor force.....	12,385	12,456	12,632	12,255	12,426	12,345	12,323	12,472	12,496
<b>Men, 20 years and over</b>									
Civilian labor force.....	9,128	9,298	9,214	9,193	9,394	9,349	9,400	9,310	9,284
Participation rate.....	67.3	67.3	66.7	67.8	68.3	67.9	68.2	67.4	67.2
Employed.....	8,537	8,771	8,645	8,598	8,828	8,800	8,814	8,771	8,709
Employment-population ratio.....	63.0	63.5	62.5	63.4	64.2	63.9	63.9	63.5	63.0
Unemployed.....	591	528	570	595	565	549	586	539	575
Unemployment rate.....	6.5	5.7	6.2	6.5	6.0	5.9	6.2	5.8	6.2
<b>Women, 20 years and over</b>									
Civilian labor force.....	10,236	10,375	10,329	10,262	10,356	10,422	10,327	10,303	10,359
Participation rate.....	62.5	62.4	62.1	62.7	62.5	62.8	62.2	62.0	62.2
Employed.....	9,707	9,872	9,779	9,672	9,769	9,874	9,825	9,789	9,749
Employment-population ratio.....	59.3	59.4	58.8	59.1	59.0	59.5	59.2	58.9	58.6
Unemployed.....	529	503	551	590	587	548	501	515	611
Unemployment rate.....	5.2	4.8	5.3	5.7	5.7	5.3	4.9	5.0	5.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	686	794	781	726	634	733	837	837	817
Participation rate.....	27.4	31.9	31.4	28.9	25.4	29.4	33.6	33.6	32.8
Employed.....	547	645	644	557	510	591	650	672	650
Employment-population ratio.....	21.8	25.9	25.9	22.2	20.5	23.7	26.1	27.0	26.1
Unemployed.....	140	149	137	169	124	141	187	165	167
Unemployment rate.....	20.3	18.7	17.5	23.3	19.5	19.3	22.4	19.7	20.5

See footnotes at end of table.

## HOUSEHOLD DATA

### Table A-2. Employment status of the civilian population by race, sex, and age — Continued

[Numbers in thousands]

Employment status, race, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
<b>ASIAN</b>									
Civilian noninstitutional population.....	15,610	16,096	16,138	15,610	16,093	16,011	16,030	16,096	16,138
Civilian labor force.....	9,779	10,281	10,250	9,787	10,260	10,303	10,280	10,334	10,262
Participation rate.....	62.6	63.9	63.5	62.7	63.8	64.3	64.1	64.2	63.6
Employed.....	9,546	9,999	9,928	9,547	9,951	9,943	9,956	10,050	9,929
Employment-population ratio.....	61.2	62.1	61.5	61.2	61.8	62.1	62.1	62.4	61.5
Unemployed.....	233	282	322	241	309	360	324	284	334
Unemployment rate.....	2.4	2.7	3.1	2.5	3.0	3.5	3.1	2.7	3.3
Not in labor force.....	5,831	5,814	5,888	5,823	5,832	5,709	5,750	5,762	5,876

<sup>1</sup> The population figures are not adjusted for seasonal variation; therefore, identical numbers appear in the unadjusted and seasonally adjusted columns.

NOTE: Estimates for the above race groups will not sum to totals shown in table A-1 because data are not presented for all races. Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-3. Employment status of the Hispanic or Latino population by sex and age**

[Numbers in thousands]

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
<b>HISPANIC OR LATINO ETHNICITY</b>									
Civilian noninstitutional population.....	41,831	43,146	43,234	41,831	42,863	42,959	43,054	43,146	43,234
Civilian labor force.....	27,429	28,854	28,913	27,499	28,253	28,388	28,513	28,820	28,963
Participation rate.....	65.6	66.9	66.9	65.7	65.9	66.1	66.2	66.8	67.0
Employed.....	26,077	27,585	27,659	26,140	26,935	27,102	27,266	27,524	27,701
Employment-population ratio.....	62.3	63.9	64.0	62.5	62.8	63.1	63.3	63.8	64.1
Unemployed.....	1,352	1,269	1,255	1,359	1,317	1,287	1,248	1,296	1,261
Unemployment rate.....	4.9	4.4	4.3	4.9	4.7	4.5	4.4	4.5	4.4
Not in labor force.....	14,402	14,293	14,321	14,332	14,610	14,571	14,541	14,326	14,271
<b>Men, 20 years and over</b>									
Civilian labor force.....	15,090	15,599	15,639	15,103	15,425	15,424	15,448	15,595	15,651
Participation rate.....	80.1	80.1	80.1	80.2	79.7	79.5	79.5	80.1	80.2
Employed.....	14,457	15,080	15,042	14,522	14,852	14,832	14,854	15,063	15,107
Employment-population ratio.....	76.7	77.4	77.1	77.1	76.8	76.5	76.4	77.3	77.4
Unemployed.....	634	519	596	581	574	592	594	533	544
Unemployment rate.....	4.2	3.3	3.8	3.8	3.7	3.8	3.8	3.4	3.5
<b>Women, 20 years and over</b>									
Civilian labor force.....	11,165	11,945	11,996	11,175	11,608	11,689	11,767	11,857	12,002
Participation rate.....	58.4	60.6	60.8	58.4	59.3	59.6	59.9	60.2	60.8
Employed.....	10,604	11,395	11,511	10,584	11,025	11,188	11,266	11,308	11,487
Employment-population ratio.....	55.5	57.8	58.3	55.4	56.3	57.0	57.3	57.4	58.2
Unemployed.....	561	550	485	591	582	501	501	550	515
Unemployment rate.....	5.0	4.6	4.0	5.3	5.0	4.3	4.3	4.6	4.3
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	1,174	1,310	1,278	1,221	1,220	1,276	1,298	1,367	1,310
Participation rate.....	30.3	33.0	32.2	31.5	30.9	32.3	32.8	34.5	33.0
Employed.....	1,017	1,110	1,105	1,035	1,058	1,082	1,145	1,154	1,107
Employment-population ratio.....	26.2	28.0	27.8	26.7	26.8	27.4	28.9	29.1	27.9
Unemployed.....	158	200	173	186	161	193	153	214	202
Unemployment rate.....	13.4	15.3	13.6	15.3	13.2	15.2	11.8	15.6	15.4

<sup>1</sup> The population figures are not adjusted for seasonal variation; therefore, identical numbers appear in the unadjusted and seasonally adjusted columns.

NOTE: Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Updated population controls are introduced annually with the release of January data.



**HOUSEHOLD DATA**

**Table A-4. Employment status of the civilian population 25 years and over by educational attainment**

[Numbers in thousands]

Educational attainment	Not seasonally adjusted			Seasonally adjusted					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
<b>Less than a high school diploma</b>									
Civilian labor force.....	10,148	10,254	10,265	10,167	10,310	10,204	10,268	10,191	10,283
Participation rate.....	44.8	47.0	46.0	44.9	46.3	46.1	47.8	46.7	46.1
Employed.....	9,455	9,700	9,604	9,529	9,722	9,635	9,658	9,619	9,683
Employment-population ratio.....	41.8	44.4	43.1	42.1	43.7	43.5	44.9	44.0	43.4
Unemployed.....	693	554	661	638	588	569	610	572	600
Unemployment rate.....	6.8	5.4	6.4	6.3	5.7	5.6	5.9	5.6	5.8
<b>High school graduates, no college<sup>1</sup></b>									
Civilian labor force.....	35,760	35,967	36,011	35,924	36,132	36,213	36,103	35,901	36,154
Participation rate.....	57.5	57.7	57.8	57.8	57.3	57.5	57.6	57.6	58.1
Employed.....	34,245	34,764	34,631	34,412	34,718	34,856	34,650	34,631	34,776
Employment-population ratio.....	55.1	55.8	55.6	55.3	55.1	55.3	55.3	55.6	55.9
Unemployed.....	1,515	1,203	1,380	1,511	1,414	1,357	1,454	1,271	1,377
Unemployment rate.....	4.2	3.3	3.8	4.2	3.9	3.7	4.0	3.5	3.8
<b>Some college or associate degree</b>									
Civilian labor force.....	37,897	37,649	37,132	37,958	37,296	37,390	37,531	37,471	37,175
Participation rate.....	66.2	65.6	65.6	66.3	65.6	65.2	65.2	65.3	65.7
Employed.....	36,590	36,516	35,952	36,599	35,977	36,200	36,392	36,293	35,954
Employment-population ratio.....	63.9	63.6	63.5	63.9	63.2	63.1	63.2	63.2	63.5
Unemployed.....	1,307	1,133	1,180	1,359	1,320	1,189	1,139	1,178	1,222
Unemployment rate.....	3.4	3.0	3.2	3.6	3.5	3.2	3.0	3.1	3.3
<b>Bachelor's degree and higher<sup>2</sup></b>									
Civilian labor force.....	55,824	58,392	58,701	55,834	57,686	57,294	57,968	58,451	58,701
Participation rate.....	73.4	73.7	73.6	73.4	74.1	73.6	73.5	73.8	73.6
Employed.....	54,701	57,194	57,519	54,637	56,508	56,167	56,782	57,150	57,442
Employment-population ratio.....	72.0	72.2	72.1	71.9	72.6	72.2	72.0	72.1	72.0
Unemployed.....	1,123	1,198	1,182	1,197	1,178	1,127	1,186	1,301	1,260
Unemployment rate.....	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.2	2.1

<sup>1</sup> Includes persons with a high school diploma or equivalent.

<sup>2</sup> Includes persons with bachelor's, master's, professional, and doctoral degrees.

NOTE: Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-5. Employment status of the civilian population 18 years and over by veteran status, period of service, and sex, not seasonally adjusted**

[Numbers in thousands]

Employment status, veteran status, and period of service	Total		Men		Women	
	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018
<b>VETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	19,389	19,028	17,533	17,153	1,856	1,875
Civilian labor force.....	9,521	9,337	8,405	8,175	1,115	1,162
Participation rate.....	49.1	49.1	47.9	47.7	60.1	62.0
Employed.....	9,159	9,040	8,084	7,906	1,075	1,135
Employment-population ratio.....	47.2	47.5	46.1	46.1	57.9	60.5
Unemployed.....	362	296	321	269	41	27
Unemployment rate.....	3.8	3.2	3.8	3.3	3.6	2.3
Not in labor force.....	9,868	9,691	9,128	8,978	741	713
<b>Gulf War-era II veterans</b>						
Civilian noninstitutional population.....	4,164	4,251	3,469	3,556	695	696
Civilian labor force.....	3,383	3,437	2,897	2,951	486	486
Participation rate.....	81.2	80.8	83.5	83.0	69.9	69.9
Employed.....	3,270	3,313	2,800	2,841	470	471
Employment-population ratio.....	78.5	77.9	80.7	79.9	67.6	67.8
Unemployed.....	113	124	97	110	16	15
Unemployment rate.....	3.3	3.6	3.4	3.7	3.3	3.0
Not in labor force.....	781	814	572	605	209	210
<b>Gulf War-era I veterans</b>						
Civilian noninstitutional population.....	2,981	3,062	2,501	2,547	480	514
Civilian labor force.....	2,284	2,371	1,952	1,988	332	383
Participation rate.....	76.6	77.5	78.1	78.0	69.1	74.5
Employed.....	2,204	2,300	1,885	1,924	319	376
Employment-population ratio.....	73.9	75.1	75.4	75.5	66.4	73.2
Unemployed.....	80	71	67	64	13	7
Unemployment rate.....	3.5	3.0	3.4	3.2	4.0	1.9
Not in labor force.....	697	690	548	559	148	131
<b>World War II, Korean War, and Vietnam-era veterans</b>						
Civilian noninstitutional population.....	7,839	7,434	7,572	7,179	267	255
Civilian labor force.....	1,638	1,550	1,573	1,492	65	57
Participation rate.....	20.9	20.8	20.8	20.8	24.3	22.5
Employed.....	1,577	1,511	1,512	1,453	65	57
Employment-population ratio.....	20.1	20.3	20.0	20.2	24.3	22.5
Unemployed.....	61	39	61	39	0	0
Unemployment rate.....	3.7	2.5	3.9	2.6	-	-
Not in labor force.....	6,201	5,884	5,999	5,687	202	198
<b>Veterans of other service periods</b>						
Civilian noninstitutional population.....	4,405	4,281	3,991	3,871	414	410
Civilian labor force.....	2,216	1,978	1,983	1,744	233	235
Participation rate.....	50.3	46.2	49.7	45.0	56.3	57.3
Employed.....	2,109	1,917	1,887	1,687	222	230
Employment-population ratio.....	47.9	44.8	47.3	43.6	53.5	56.0
Unemployed.....	107	62	96	56	11	5
Unemployment rate.....	4.8	3.1	4.8	3.2	4.9	2.2
Not in labor force.....	2,189	2,303	2,008	2,127	181	175
<b>NONVETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	227,397	231,032	101,486	103,609	125,911	127,424
Civilian labor force.....	148,288	151,248	75,509	76,777	72,779	74,470
Participation rate.....	65.2	65.5	74.4	74.1	57.8	58.4
Employed.....	142,639	145,746	72,437	73,757	70,203	71,989
Employment-population ratio.....	62.7	63.1	71.4	71.2	55.8	56.5
Unemployed.....	5,649	5,502	3,073	3,020	2,576	2,481
Unemployment rate.....	3.8	3.6	4.1	3.9	3.5	3.3
Not in labor force.....	79,109	79,785	25,976	26,831	53,133	52,954

NOTE: Veterans served on active duty in the U.S. Armed Forces and were not on active duty at the time of the survey. Nonveterans never served on active duty in the U.S. Armed Forces. Veterans could have served anywhere in the world during these periods of service: Gulf War era II (September 2001-present), Gulf War era I (August 1990-August 2001), Vietnam era (August 1964-April 1975), Korean War (July 1950-January 1955), World War II (December 1941-December 1946), and other service periods (all other time periods). Veterans who served in more than one wartime period are classified only in the most recent one. Veterans who served during one of the selected wartime periods and another period are classified only in the wartime period. Dash indicates no data or data that do not meet publication criteria (values not shown where base is less than 75,000).

**HOUSEHOLD DATA**

**Table A-6. Employment status of the civilian population by sex, age, and disability status, not seasonally adjusted**

[Numbers in thousands]

Employment status, sex, and age	Persons with a disability		Persons with no disability	
	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018
<b>TOTAL, 16 years and over</b>				
Civilian noninstitutional population.....	29,780	30,426	226,329	228,462
Civilian labor force.....	6,211	6,288	153,668	156,222
Participation rate.....	20.9	20.7	67.9	68.4
Employed.....	5,690	5,793	147,912	150,688
Employment-population ratio.....	19.1	19.0	65.4	66.0
Unemployed.....	522	495	5,757	5,535
Unemployment rate.....	8.4	7.9	3.7	3.5
Not in labor force.....	23,569	24,138	72,661	72,240
<b>Men, 16 to 64 years</b>				
Civilian labor force.....	2,777	2,690	76,818	77,618
Participation rate.....	37.5	35.5	81.8	82.3
Employed.....	2,509	2,469	73,748	74,570
Employment-population ratio.....	33.9	32.6	78.6	79.1
Unemployed.....	268	221	3,071	3,048
Unemployment rate.....	9.7	8.2	4.0	3.9
Not in labor force.....	4,622	4,880	17,037	16,681
<b>Women, 16 to 64 years</b>				
Civilian labor force.....	2,327	2,455	68,380	69,515
Participation rate.....	30.2	31.2	70.6	71.6
Employed.....	2,134	2,230	65,960	67,262
Employment-population ratio.....	27.7	28.3	68.1	69.3
Unemployed.....	193	225	2,421	2,253
Unemployment rate.....	8.3	9.2	3.5	3.2
Not in labor force.....	5,367	5,414	28,461	27,528
<b>Both sexes, 65 years and over</b>				
Civilian labor force.....	1,107	1,144	8,470	9,090
Participation rate.....	7.5	7.6	23.8	24.5
Employed.....	1,047	1,094	8,204	8,856
Employment-population ratio.....	7.1	7.3	23.0	23.9
Unemployed.....	60	49	265	234
Unemployment rate.....	5.4	4.3	3.1	2.6
Not in labor force.....	13,580	13,843	27,163	28,031

NOTE: A person with a disability has at least one of the following conditions: is deaf or has serious difficulty hearing; is blind or has serious difficulty seeing even when wearing glasses; has serious difficulty concentrating, remembering, or making decisions because of a physical, mental, or emotional condition; has serious difficulty walking or climbing stairs; has difficulty dressing or bathing; or has difficulty doing errands alone such as visiting a doctor's office or shopping because of a physical, mental, or emotional condition. Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-7. Employment status of the civilian population by nativity and sex, not seasonally adjusted**

[Numbers in thousands]

Employment status and nativity	Total		Men		Women	
	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018
<b>Foreign born, 16 years and over</b>						
Civilian noninstitutional population.....	41,546	42,985	19,966	20,855	21,579	22,130
Civilian labor force.....	27,143	28,359	15,612	16,140	11,531	12,219
Participation rate.....	65.3	66.0	78.2	77.4	53.4	55.2
Employed.....	26,091	27,393	15,058	15,633	11,033	11,761
Employment-population ratio.....	62.8	63.7	75.4	75.0	51.1	53.1
Unemployed.....	1,052	966	554	507	498	459
Unemployment rate.....	3.9	3.4	3.5	3.1	4.3	3.8
Not in labor force.....	14,403	14,626	4,354	4,715	10,048	9,911
<b>Native born, 16 years and over</b>						
Civilian noninstitutional population.....	214,563	215,903	103,820	104,372	110,744	111,532
Civilian labor force.....	132,736	134,151	69,219	69,717	63,517	64,435
Participation rate.....	61.9	62.1	66.7	66.8	57.4	57.8
Employed.....	127,510	129,088	66,242	66,807	61,268	62,281
Employment-population ratio.....	59.4	59.8	63.8	64.0	55.3	55.8
Unemployed.....	5,226	5,064	2,977	2,910	2,249	2,154
Unemployment rate.....	3.9	3.8	4.3	4.2	3.5	3.3
Not in labor force.....	81,827	81,752	34,600	34,655	47,227	47,097

NOTE: The foreign born are those residing in the United States who were not U.S. citizens at birth. That is, they were born outside the United States or one of its outlying areas such as Puerto Rico or Guam, to parents neither of whom was a U.S. citizen. The native born are persons who were born in the United States or one of its outlying areas such as Puerto Rico or Guam or who were born abroad of at least one parent who was a U.S. citizen. Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-8. Employed persons by class of worker and part-time status**

[In thousands]

Category	Not seasonally adjusted			Seasonally adjusted					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
<b>CLASS OF WORKER</b>									
Agriculture and related industries.....	2,368	2,553	2,393	2,512	2,346	2,478	2,418	2,556	2,522
Wage and salary workers <sup>1</sup> .....	1,590	1,784	1,659	1,680	1,534	1,661	1,674	1,772	1,747
Self-employed workers, unincorporated.....	743	742	708	791	771	813	722	768	752
Unpaid family workers.....	35	27	26	-	-	-	-	-	-
Nonagricultural industries.....	151,233	154,461	154,088	151,628	153,376	153,634	154,135	154,297	154,520
Wage and salary workers <sup>1</sup> .....	142,295	145,430	145,063	142,677	144,380	144,480	145,071	145,313	145,478
Government.....	20,789	21,270	20,709	20,731	20,785	20,753	21,186	21,054	20,677
Private industries.....	121,506	124,161	124,354	121,938	123,584	123,773	124,063	124,365	124,787
Private households.....	687	811	879	-	-	-	-	-	-
Other industries.....	120,819	123,349	123,474	121,245	122,806	122,968	123,239	123,512	123,904
Self-employed workers, unincorporated.....	8,881	8,961	8,973	8,971	8,872	8,957	8,949	8,889	9,031
Unpaid family workers.....	57	69	52	-	-	-	-	-	-
<b>PERSONS AT WORK PART TIME<sup>2</sup></b>									
<b>  All industries</b>									
Part time for economic reasons <sup>3</sup> .....	5,060	4,558	4,740	4,986	4,368	4,656	4,630	4,781	4,657
Slack work or business conditions.....	3,172	2,760	2,984	3,081	2,581	2,807	2,837	2,882	2,891
Could only find part-time work.....	1,529	1,541	1,456	1,570	1,377	1,471	1,461	1,562	1,496
Part time for noneconomic reasons <sup>4</sup> .....	21,631	21,930	21,726	21,163	21,803	21,404	21,448	20,909	21,234
<b>    Nonagricultural industries</b>									
Part time for economic reasons <sup>3</sup> .....	4,992	4,512	4,621	4,953	4,311	4,575	4,549	4,726	4,580
Slack work or business conditions.....	3,132	2,719	2,909	3,032	2,546	2,767	2,779	2,843	2,816
Could only find part-time work.....	1,528	1,541	1,435	1,566	1,367	1,462	1,453	1,571	1,473
Part time for noneconomic reasons <sup>4</sup> .....	21,226	21,539	21,349	20,716	21,501	21,002	21,083	20,521	20,826

<sup>1</sup> Includes self-employed workers whose businesses are incorporated.

<sup>2</sup> Refers to those who worked 1 to 34 hours during the survey reference week and excludes employed persons who were absent from their jobs for the entire week.

<sup>3</sup> Refers to those who worked 1 to 34 hours during the reference week for an economic reason such as slack work or unfavorable business conditions, inability to find full-time work, or seasonal declines in demand.

<sup>4</sup> Refers to persons who usually work part time for noneconomic reasons such as childcare problems, family or personal obligations, school or training, retirement or Social Security limits on earnings, and other reasons. This excludes persons who usually work full time but worked only 1 to 34 hours during the reference week for reasons such as vacations, holidays, illness, and bad weather.

- Data not available.

NOTE: Detail for the seasonally adjusted data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series. Updated population controls are introduced annually with the release of January data.

# HOUSEHOLD DATA

## Table A-9. Selected employment indicators

[Numbers in thousands]

Characteristic	Not seasonally adjusted			Seasonally adjusted					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
<b>AGE AND SEX</b>									
Total, 16 years and over.....	153,602	157,015	156,481	154,065	155,604	156,069	156,582	156,803	156,945
16 to 19 years.....	4,801	4,941	5,023	4,985	4,892	5,108	5,258	5,221	5,226
16 to 17 years.....	1,803	1,807	1,695	1,889	1,776	1,765	1,954	1,915	1,784
18 to 19 years.....	2,998	3,134	3,328	3,099	3,118	3,299	3,305	3,295	3,441
20 years and over.....	148,801	152,073	151,458	149,080	150,712	150,961	151,324	151,582	151,720
20 to 24 years.....	13,809	13,899	13,753	13,937	13,829	14,022	13,897	13,942	13,885
25 years and over.....	134,991	138,174	137,706	135,087	136,816	136,887	137,504	137,615	137,786
25 to 54 years.....	99,547	101,273	100,845	99,551	100,328	100,333	100,892	100,844	100,833
25 to 34 years.....	34,614	35,779	35,664	34,631	35,352	35,511	35,693	35,672	35,689
35 to 44 years.....	32,302	32,958	32,884	32,304	32,655	32,501	32,857	32,796	32,881
45 to 54 years.....	32,631	32,537	32,298	32,616	32,322	32,320	32,343	32,376	32,263
55 years and over.....	35,444	36,901	36,860	35,536	36,489	36,554	36,612	36,771	36,954
Men, 16 years and over.....	81,300	83,033	82,440	81,893	82,565	82,686	82,894	83,194	83,041
16 to 19 years.....	2,275	2,397	2,404	2,400	2,416	2,435	2,506	2,561	2,540
16 to 17 years.....	779	775	777	845	813	779	895	848	848
18 to 19 years.....	1,495	1,622	1,627	1,554	1,605	1,640	1,621	1,711	1,686
20 years and over.....	79,025	80,636	80,036	79,493	80,149	80,251	80,388	80,633	80,501
20 to 24 years.....	7,093	7,019	6,934	7,200	6,987	7,162	7,082	7,089	7,044
25 years and over.....	71,933	73,617	73,102	72,263	73,099	73,021	73,331	73,519	73,435
25 to 54 years.....	53,163	54,032	53,612	53,333	53,605	53,575	53,789	53,933	53,774
25 to 34 years.....	18,559	19,205	19,084	18,635	19,011	19,123	19,169	19,201	19,165
35 to 44 years.....	17,397	17,698	17,645	17,455	17,643	17,512	17,625	17,664	17,701
45 to 54 years.....	17,206	17,128	16,883	17,243	16,952	16,941	16,995	17,068	16,908
55 years and over.....	18,770	19,585	19,490	18,931	19,494	19,445	19,542	19,587	19,661
Women, 16 years and over.....	72,301	73,982	74,041	72,172	73,039	73,383	73,688	73,609	73,904
16 to 19 years.....	2,526	2,544	2,619	2,586	2,476	2,674	2,753	2,660	2,686
16 to 17 years.....	1,024	1,032	918	1,044	962	986	1,059	1,067	936
18 to 19 years.....	1,502	1,512	1,701	1,545	1,513	1,659	1,684	1,584	1,755
20 years and over.....	69,775	71,438	71,422	69,587	70,563	70,710	70,935	70,949	71,218
20 to 24 years.....	6,717	6,880	6,819	6,737	6,842	6,860	6,816	6,853	6,841
25 years and over.....	63,058	64,557	64,604	62,823	63,718	63,866	64,173	64,096	64,352
25 to 54 years.....	46,385	47,242	47,233	46,218	46,723	46,757	47,103	46,912	47,059
25 to 34 years.....	16,055	16,573	16,580	15,996	16,341	16,388	16,524	16,471	16,524
35 to 44 years.....	14,905	15,260	15,238	14,850	15,012	14,989	15,231	15,132	15,180
45 to 54 years.....	15,425	15,408	15,415	15,372	15,369	15,379	15,348	15,308	15,355
55 years and over.....	16,674	17,316	17,371	16,605	16,995	17,109	17,070	17,184	17,293
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	45,284	46,164	45,720	45,520	45,876	45,972	46,192	46,204	45,984
Married women, spouse present <sup>1</sup> .....	35,952	36,521	36,603	35,747	36,066	36,041	36,089	36,220	36,379
Women who maintain families <sup>2</sup> .....	9,893	9,816	9,667	-	-	-	-	-	-
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	125,985	129,464	129,143	126,771	128,649	128,958	129,255	129,774	129,913
Part-time workers <sup>4</sup> .....	27,616	27,551	27,338	27,269	26,912	27,120	27,311	27,017	26,994
<b>MULTIPLE JOBHOLDERS</b>									
Total multiple jobholders.....	7,776	7,934	8,030	7,636	7,924	7,717	7,873	7,749	7,866
Percent of total employed.....	5.1	5.1	5.1	5.0	5.1	4.9	5.0	4.9	5.0
<b>SELF-EMPLOYMENT</b>									
Self-employed workers, incorporated.....	6,047	6,226	6,085	-	-	-	-	-	-
Self-employed workers, unincorporated.....	9,624	9,703	9,682	9,762	9,644	9,770	9,671	9,657	9,783

<sup>1</sup> Refers to persons in opposite-sex married couples only.

<sup>2</sup> Refers to female householders residing with one or more family members, but not an opposite-sex spouse.

<sup>3</sup> Employed full-time workers are persons who usually work 35 hours or more per week.

<sup>4</sup> Employed part-time workers are persons who usually work less than 35 hours per week.

- Data not available.

NOTE: Detail for the seasonally adjusted data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series. Updated population controls are introduced annually with the release of January data.

# HOUSEHOLD DATA

## Table A-10. Selected unemployment indicators, seasonally adjusted

Characteristic	Number of unemployed persons (in thousands)			Unemployment rates					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
<b>AGE AND SEX</b>									
Total, 16 years and over.....	6,572	6,018	6,294	4.1	3.8	3.7	3.8	3.7	3.9
16 to 19 years.....	785	714	745	13.6	12.7	12.6	12.0	12.0	12.5
16 to 17 years.....	335	291	286	15.1	13.3	13.8	10.6	13.2	13.8
18 to 19 years.....	466	430	476	13.1	12.0	12.1	12.9	11.5	12.1
20 years and over.....	5,786	5,305	5,549	3.7	3.5	3.4	3.4	3.4	3.5
20 to 24 years.....	1,055	979	1,074	7.0	6.8	6.9	6.8	6.6	7.2
25 years and over.....	4,709	4,314	4,454	3.4	3.2	3.0	3.1	3.0	3.1
25 to 54 years.....	3,513	3,218	3,377	3.4	3.2	3.1	3.1	3.1	3.2
25 to 34 years.....	1,590	1,360	1,460	4.4	4.1	3.5	3.7	3.7	3.9
35 to 44 years.....	1,005	979	942	3.0	2.9	2.9	3.0	2.9	2.8
45 to 54 years.....	918	879	975	2.7	2.6	2.7	2.8	2.6	2.9
55 years and over.....	1,197	1,084	1,090	3.3	3.0	2.8	2.9	2.9	2.9
Men, 16 years and over.....	3,517	3,136	3,401	4.1	3.8	3.8	3.8	3.6	3.9
16 to 19 years.....	416	360	402	14.8	14.4	13.3	12.6	12.3	13.7
16 to 17 years.....	159	147	148	15.8	15.3	14.6	11.1	14.8	14.9
18 to 19 years.....	270	214	269	14.8	14.0	12.9	13.5	11.1	13.7
20 years and over.....	3,101	2,775	2,999	3.8	3.5	3.4	3.5	3.3	3.6
20 to 24 years.....	615	556	597	7.9	7.5	7.4	7.4	7.3	7.8
25 years and over.....	2,460	2,217	2,375	3.3	3.1	3.0	3.0	2.9	3.1
25 to 54 years.....	1,801	1,631	1,775	3.3	3.1	3.1	3.2	2.9	3.2
25 to 34 years.....	829	655	730	4.3	4.1	3.5	3.7	3.3	3.7
35 to 44 years.....	476	526	517	2.7	2.6	3.0	3.0	2.9	2.8
45 to 54 years.....	496	450	528	2.8	2.5	2.7	2.7	2.6	3.0
55 years and over.....	658	587	600	3.4	3.0	2.9	2.6	2.9	3.0
Women, 16 years and over.....	3,055	2,883	2,894	4.1	3.8	3.6	3.7	3.8	3.8
16 to 19 years.....	370	353	343	12.5	11.0	11.9	11.4	11.7	11.3
16 to 17 years.....	176	144	138	14.4	11.5	13.1	10.1	11.9	12.9
18 to 19 years.....	196	216	207	11.3	9.9	11.3	12.3	12.0	10.5
20 years and over.....	2,686	2,529	2,550	3.7	3.5	3.3	3.4	3.4	3.5
20 to 24 years.....	440	423	477	6.1	6.1	6.3	6.1	5.8	6.5
25 years and over.....	2,249	2,097	2,080	3.5	3.3	2.9	3.1	3.2	3.1
25 to 54 years.....	1,712	1,587	1,602	3.6	3.3	3.0	3.1	3.3	3.3
25 to 34 years.....	761	706	730	4.5	4.1	3.5	3.6	4.1	4.2
35 to 44 years.....	529	453	425	3.4	3.2	2.8	2.9	2.9	2.7
45 to 54 years.....	422	429	447	2.7	2.7	2.7	2.8	2.7	2.8
55 years and over.....	550	498	501	3.2	3.1	2.8	3.0	2.8	2.8
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	1,008	923	964	2.2	2.0	1.9	1.9	2.0	2.1
Married women, spouse present <sup>1</sup> .....	944	871	866	2.6	2.5	2.1	2.3	2.3	2.3
Women who maintain families <sup>2</sup> .....	552	558	453	5.3	5.4	5.1	5.3	5.4	4.5
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	5,321	4,739	4,951	4.0	3.7	3.5	3.6	3.5	3.7
Part-time workers <sup>4</sup> .....	1,263	1,280	1,353	4.4	4.3	4.5	4.4	4.5	4.8

<sup>1</sup> Refers to persons in opposite-sex couples only.

<sup>2</sup> Data are not seasonally adjusted. Refers to female householders residing with one or more family members, but not an opposite-sex spouse.

<sup>3</sup> Full-time workers are unemployed persons who have expressed a desire to work full time (35 hours or more per week) or are on layoff from full-time jobs.

<sup>4</sup> Part-time workers are unemployed persons who have expressed a desire to work part time (less than 35 hours per week) or are on layoff from part-time jobs.

NOTE: Detail for the seasonally adjusted data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series. Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-11. Unemployed persons by reason for unemployment**

[Numbers in thousands]

Reason	Not seasonally adjusted			Seasonally adjusted					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
<b>NUMBER OF UNEMPLOYED</b>									
Job losers and persons who completed temporary jobs.....	3,298	2,598	2,947	3,249	2,868	2,796	2,858	2,842	2,903
On temporary layoff.....	1,010	699	834	923	855	812	793	804	762
Not on temporary layoff.....	2,288	1,899	2,113	2,326	2,013	1,984	2,066	2,038	2,141
Permanent job losers.....	1,604	1,242	1,415	1,627	1,351	1,257	1,365	1,337	1,432
Persons who completed temporary jobs....	684	657	698	699	663	727	701	701	710
Job leavers.....	673	699	775	726	866	739	731	697	839
Reentrants.....	1,827	1,829	1,810	1,985	1,864	1,889	1,914	1,880	1,958
New entrants.....	480	524	496	568	586	588	605	577	588
<b>PERCENT DISTRIBUTION</b>									
Job losers and persons who completed temporary jobs.....	52.5	46.0	48.9	49.8	46.4	46.5	46.8	47.4	46.2
On temporary layoff.....	16.1	12.4	13.8	14.1	13.8	13.5	13.0	13.4	12.1
Not on temporary layoff.....	36.4	33.6	35.0	35.6	32.6	33.0	33.8	34.0	34.1
Job leavers.....	10.7	12.4	12.9	11.1	14.0	12.3	12.0	11.6	13.3
Reentrants.....	29.1	32.4	30.0	30.4	30.1	31.4	31.3	31.4	31.1
New entrants.....	7.7	9.3	8.2	8.7	9.5	9.8	9.9	9.6	9.3
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers and persons who completed temporary jobs.....	2.1	1.6	1.8	2.0	1.8	1.7	1.8	1.7	1.8
Job leavers.....	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.5
Reentrants.....	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
New entrants.....	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4

NOTE: Updated population controls are introduced annually with the release of January data.



## HOUSEHOLD DATA

### Table A-12. Unemployed persons by duration of unemployment

[Numbers in thousands]

Duration	Not seasonally adjusted			Seasonally adjusted					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
<b>NUMBER OF UNEMPLOYED</b>									
Less than 5 weeks.....	2,144	1,974	2,050	2,230	2,199	2,065	2,062	2,128	2,126
5 to 14 weeks.....	1,848	1,670	1,901	1,984	1,722	1,751	1,845	1,842	2,027
15 weeks and over.....	2,287	2,005	2,078	2,404	2,247	2,240	2,229	2,124	2,203
15 to 26 weeks.....	867	817	859	892	927	861	859	865	897
27 weeks and over.....	1,420	1,188	1,219	1,511	1,320	1,379	1,370	1,259	1,306
Average (mean) duration, in weeks.....	23.5	22.7	21.5	23.8	22.6	24.1	22.4	21.7	21.8
Median duration, in weeks.....	8.8	8.9	8.9	8.9	9.2	9.3	9.4	9.0	9.1
<b>PERCENT DISTRIBUTION</b>									
Less than 5 weeks.....	34.1	34.9	34.0	33.7	35.7	34.1	33.6	34.9	33.4
5 to 14 weeks.....	29.4	29.6	31.5	30.0	27.9	28.9	30.1	30.2	31.9
15 weeks and over.....	36.4	35.5	34.5	36.3	36.4	37.0	36.3	34.9	34.7
15 to 26 weeks.....	13.8	14.5	14.2	13.5	15.0	14.2	14.0	14.2	14.1
27 weeks and over.....	22.6	21.0	20.2	22.8	21.4	22.8	22.3	20.7	20.5

NOTE: Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-13. Employed and unemployed persons by occupation, not seasonally adjusted**

[Numbers in thousands]

Occupation	Employed		Unemployed		Unemployment rates	
	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018
Total, 16 years and over <sup>1</sup> .....	153,602	156,481	6,278	6,029	3.9	3.7
Management, professional, and related occupations.....	62,121	63,642	1,290	1,368	2.0	2.1
Management, business, and financial operations occupations.....	25,760	26,450	514	582	2.0	2.2
Professional and related occupations.....	36,361	37,192	775	786	2.1	2.1
Service occupations.....	25,826	26,271	1,405	1,301	5.2	4.7
Sales and office occupations.....	33,633	33,718	1,268	1,244	3.6	3.6
Sales and related occupations.....	15,985	16,217	627	602	3.8	3.6
Office and administrative support occupations.....	17,649	17,500	641	642	3.5	3.5
Natural resources, construction, and maintenance occupations.....	14,299	14,439	961	858	6.3	5.6
Farming, fishing, and forestry occupations.....	1,107	1,148	195	143	15.0	11.1
Construction and extraction occupations.....	8,198	8,390	600	539	6.8	6.0
Installation, maintenance, and repair occupations.....	4,994	4,901	166	175	3.2	3.4
Production, transportation, and material moving occupations.....	17,722	18,412	865	746	4.7	3.9
Production occupations.....	8,546	8,689	376	298	4.2	3.3
Transportation and material moving occupations.....	9,177	9,722	489	448	5.1	4.4

<sup>1</sup> Persons with no previous work experience and persons whose last job was in the U.S. Armed Forces are included in the unemployed total.

NOTE: Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-14. Unemployed persons by industry and class of worker, not seasonally adjusted**

Industry and class of worker	Number of unemployed persons (in thousands)		Unemployment rates	
	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018
Total, 16 years and over <sup>1</sup> .....	6,278	6,029	3.9	3.7
Nonagricultural private wage and salary workers.....	4,841	4,605	3.8	3.6
Mining, quarrying, and oil and gas extraction.....	41	21	5.1	2.6
Construction.....	554	493	5.9	5.1
Manufacturing.....	505	441	3.3	2.8
Durable goods.....	289	231	3.0	2.3
Nondurable goods.....	217	210	3.8	3.5
Wholesale and retail trade.....	841	753	4.1	3.7
Transportation and utilities.....	208	280	3.0	3.9
Information.....	108	103	3.8	3.9
Financial activities.....	143	248	1.5	2.4
Professional and business services.....	712	723	4.2	4.3
Education and health services.....	706	519	3.0	2.1
Leisure and hospitality.....	833	814	6.2	6.0
Other services.....	189	211	2.8	3.0
Agriculture and related private wage and salary workers.....	210	151	11.9	8.6
Government workers.....	460	526	2.2	2.5
Self-employed workers, unincorporated, and unpaid family workers.....	287	251	2.9	2.5

<sup>1</sup> Persons with no previous work experience and persons whose last job was in the U.S. Armed Forces are included in the unemployed total.

NOTE: Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-15. Alternative measures of labor underutilization**

[Percent]

Measure	Not seasonally adjusted			Seasonally adjusted					
	Dec. 2017	Nov. 2018	Dec. 2018	Dec. 2017	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018	Dec. 2018
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	1.4	1.2	1.3	1.5	1.4	1.4	1.4	1.3	1.3
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.....	2.1	1.6	1.8	2.0	1.8	1.7	1.8	1.7	1.8
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	3.9	3.5	3.7	4.1	3.8	3.7	3.8	3.7	3.9
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	4.2	3.7	3.9	4.4	4.1	3.9	4.1	4.0	4.1
U-5 Total unemployed, plus discouraged workers, plus all other persons marginally attached to the labor force, as a percent of the civilian labor force plus all persons marginally attached to the labor force.....	4.9	4.5	4.6	5.1	4.7	4.6	4.6	4.7	4.8
U-6 Total unemployed, plus all persons marginally attached to the labor force, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all persons marginally attached to the labor force.....	8.0	7.2	7.5	8.1	7.4	7.5	7.5	7.6	7.6

NOTE: Persons marginally attached to the labor force are those who currently are neither working nor looking for work but indicate that they want and are available for a job and have looked for work sometime in the past 12 months. Discouraged workers, a subset of the marginally attached, have given a job-market related reason for not currently looking for work. Persons employed part time for economic reasons are those who want and are available for full-time work but have had to settle for a part-time schedule. Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-16. Persons not in the labor force and multiple jobholders by sex, not seasonally adjusted**

[Numbers in thousands]

Category	Total		Men		Women	
	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018
<b>NOT IN THE LABOR FORCE</b>						
Total not in the labor force.....	96,230	96,378	38,955	39,370	57,275	57,008
Persons who currently want a job.....	5,071	5,121	2,330	2,514	2,742	2,607
Marginally attached to the labor force <sup>1</sup> .....	1,623	1,556	811	878	812	678
Discouraged workers <sup>2</sup> .....	474	375	316	232	158	143
Other persons marginally attached to the labor force <sup>3</sup> ..	1,149	1,181	495	646	654	535
<b>MULTIPLE JOBHOLDERS</b>						
Total multiple jobholders <sup>4</sup> .....	7,776	8,030	3,744	3,952	4,032	4,078
Percent of total employed.....	5.1	5.1	4.6	4.8	5.6	5.5
Primary job full time, secondary job part time.....	4,391	4,329	2,335	2,331	2,056	1,998
Primary and secondary jobs both part time.....	1,964	2,177	668	733	1,296	1,445
Primary and secondary jobs both full time.....	269	267	154	180	116	88
Hours vary on primary or secondary job.....	1,091	1,203	560	700	531	504

<sup>1</sup> Data refer to persons who want a job, have searched for work during the prior 12 months, and were available to take a job during the reference week, but had not looked for work in the past 4 weeks.

<sup>2</sup> Includes those who did not actively look for work in the prior 4 weeks for reasons such as thinks no work available, could not find work, lacks schooling or training, employer thinks too young or old, and other types of discrimination.

<sup>3</sup> Includes those who did not actively look for work in the prior 4 weeks for such reasons as school or family responsibilities, ill health, and transportation problems, as well as a number for whom reason for nonparticipation was not determined.

<sup>4</sup> Includes a small number of persons who work part time on their primary job and full time on their secondary job(s), not shown separately.

NOTE: Updated population controls are introduced annually with the release of January data.

**ESTABLISHMENT DATA**

**Table B-1. Employees on nonfarm payrolls by industry sector and selected industry detail**

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Nov.2018 - Dec.2018 <sup>P</sup>
	Dec. 2017	Oct. 2018	Nov. 2018 <sup>P</sup>	Dec. 2018 <sup>P</sup>	Dec. 2017	Oct. 2018	Nov. 2018 <sup>P</sup>	Dec. 2018 <sup>P</sup>	
Total nonfarm.....	148,530	150,760	151,244	151,190	147,625	149,775	149,951	150,263	312
Total private.....	125,855	127,997	128,371	128,431	125,294	127,384	127,557	127,858	301
Goods-producing.....	20,230	21,051	20,947	20,856	20,328	20,851	20,878	20,952	74
Mining and logging.....	700	764	758	759	698	754	754	758	4
Logging.....	50.1	48.1	47.3	47.4	49.7	47.2	46.5	47.1	0.6
Mining.....	649.6	716.2	710.2	711.2	648.3	707.1	707.0	710.7	3.7
Oil and gas extraction.....	145.3	153.3	155.2	155.1	144.5	153.2	154.4	154.7	0.3
Mining, except oil and gas.....	183.7	194.2	192.0	190.2	185.8	191.1	191.2	192.1	0.9
Coal mining.....	51.9	53.2	53.2	54.0	51.8	52.9	53.3	53.9	0.6
Metal ore mining.....	38.4	38.9	38.4	38.4	38.4	38.9	38.5	38.4	-0.1
Nonmetallic mineral mining and quarrying.....	93.4	102.1	100.4	97.8	95.7	99.3	99.4	99.8	0.4
Support activities for mining.....	320.6	368.7	363.0	365.9	318.0	362.8	361.4	363.9	2.5
Construction.....	6,970	7,496	7,389	7,253	7,072	7,314	7,314	7,352	38
Construction of buildings.....	1,555.5	1,646.7	1,636.7	1,625.9	1,563.8	1,621.2	1,626.5	1,634.5	8.0
Residential building.....	766.0	817.3	817.3	815.7	767.5	805.6	811.6	816.2	4.6
Nonresidential building.....	789.5	829.4	819.4	810.2	796.3	815.6	814.9	818.3	3.4
Heavy and civil engineering construction.....	942.4	1,092.6	1,054.0	1,003.0	991.3	1,034.6	1,037.5	1,053.8	16.3
Specialty trade contractors.....	4,471.7	4,756.8	4,698.4	4,623.9	4,516.7	4,657.9	4,650.2	4,663.4	13.2
Residential specialty trade contractors.....	1,964.9	2,085.3	2,060.9	2,018.3	1,986.5	2,042.2	2,040.5	2,037.6	-2.9
Nonresidential specialty trade contractors.....	2,506.8	2,671.5	2,637.5	2,605.6	2,530.2	2,615.7	2,609.7	2,625.8	16.1
Manufacturing.....	12,560	12,791	12,800	12,844	12,558	12,783	12,810	12,842	32
Durable goods.....	7,829	8,000	8,015	8,045	7,821	8,004	8,018	8,037	19
Wood products.....	399.1	408.6	407.9	406.8	398.5	407.0	406.8	405.7	-1.1
Nonmetallic mineral products.....	413.0	425.9	425.3	422.2	415.8	422.0	423.2	424.6	1.4
Primary metals.....	379.9	381.5	384.2	387.1	378.7	382.1	385.4	386.4	1.0
Fabricated metal products.....	1,458.2	1,495.4	1,495.1	1,503.2	1,456.0	1,498.0	1,497.5	1,504.2	6.7
Machinery.....	1,097.5	1,129.8	1,133.2	1,140.3	1,097.2	1,133.9	1,136.6	1,139.9	3.3
Computer and electronic products.....	1,057.2	1,070.2	1,072.9	1,080.2	1,055.8	1,072.2	1,074.6	1,078.2	3.6
Computer and peripheral equipment.....	166.3	170.7	170.8	170.6	166.0	170.7	170.4	170.3	-0.1
Communications equipment.....	86.5	85.5	85.7	86.4	86.5	85.6	85.9	86.3	0.4
Semiconductors and electronic components.....	367.6	368.8	370.2	372.4	366.6	369.9	370.8	371.3	0.5
Electronic instruments.....	404.1	412.3	413.3	417.6	404.1	413.3	414.6	417.2	2.6
Miscellaneous computer and electronic products.....	32.7	32.9	32.9	33.2	32.7	32.7	32.9	33.1	0.2
Electrical equipment and appliances.....	395.6	408.1	409.9	411.2	395.1	408.7	410.2	410.6	0.4
Transportation equipment <sup>1</sup> .....	1,642.3	1,685.1	1,692.1	1,700.3	1,639.0	1,686.4	1,690.9	1,695.0	4.1
Motor vehicles and parts <sup>2</sup> .....	959.2	968.9	968.9	973.8	956.3	969.0	967.6	969.4	1.8
Furniture and related products.....	392.2	391.3	390.4	391.0	392.2	391.0	391.4	390.7	-0.7
Miscellaneous durable goods manufacturing.....	593.6	603.7	603.7	602.4	592.3	602.3	601.0	601.3	0.3
Nondurable goods.....	4,731	4,791	4,785	4,799	4,737	4,779	4,792	4,805	13
Food manufacturing.....	1,620.0	1,655.4	1,644.8	1,649.6	1,623.9	1,646.5	1,650.2	1,653.9	3.7
Textile mills.....	111.8	111.1	112.4	112.4	111.5	111.3	112.2	112.3	0.1
Textile product mills.....	113.0	111.0	111.2	111.8	112.8	110.7	110.7	111.3	0.6
Apparel.....	116.5	111.8	111.2	110.9	115.9	111.6	110.7	110.6	-0.1
Paper and paper products.....	369.8	377.0	377.3	379.7	370.0	378.6	378.4	380.2	1.8
Printing and related support activities.....	439.3	432.4	432.6	432.2	436.9	431.6	430.9	429.9	-1.0
Petroleum and coal products.....	113.0	119.0	115.3	114.6	114.9	116.4	115.3	116.6	1.3
Chemicals.....	831.6	836.1	841.6	844.6	830.3	838.0	844.3	843.1	-1.2
Plastics and rubber products.....	723.9	727.1	732.8	735.7	724.3	731.0	733.7	735.9	2.2
Miscellaneous nondurable goods manufacturing.....	292.4	310.1	305.4	307.2	296.0	303.5	305.6	311.1	5.5
Private service-providing.....	105,625	106,946	107,424	107,575	104,966	106,533	106,679	106,906	227
Trade, transportation, and utilities.....	28,337	27,897	28,506	28,704	27,593	27,861	27,929	27,963	34
Wholesale trade.....	5,951.7	6,021.9	6,036.2	6,042.8	5,941.9	6,013.1	6,022.4	6,030.8	8.4
Durable goods.....	2,998.1	3,038.1	3,050.5	3,058.4	2,994.9	3,041.4	3,048.8	3,053.7	4.9
Nondurable goods.....	2,057.5	2,063.5	2,065.2	2,061.3	2,054.8	2,053.3	2,055.1	2,057.0	1.9

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-1. Employees on nonfarm payrolls by industry sector and selected industry detail**

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Nov.2018 - Dec.2018 <sup>P</sup>
	Dec. 2017	Oct. 2018	Nov. 2018 <sup>P</sup>	Dec. 2018 <sup>P</sup>	Dec. 2017	Oct. 2018	Nov. 2018 <sup>P</sup>	Dec. 2018 <sup>P</sup>	
Wholesale trade - Continued									
Electronic markets and agents and brokers.....	896.1	920.3	920.5	923.1	892.2	918.4	918.5	920.1	1.6
Retail trade.....	16,371.1	15,890.4	16,370.2	16,446.7	15,861.1	15,899.7	15,928.9	15,952.7	23.8
Motor vehicle and parts dealers.....	2,010.6	2,047.4	2,039.9	2,038.3	2,019.9	2,044.0	2,040.3	2,047.6	7.3
Automobile dealers.....	1,300.8	1,314.9	1,311.3	1,314.8	1,303.4	1,312.4	1,311.0	1,317.3	6.3
Other motor vehicle dealers.....	147.8	157.2	152.0	148.9	155.9	158.0	156.9	157.1	0.2
Auto parts, accessories, and tire stores...	562.0	575.3	576.6	574.6	560.6	573.6	572.4	573.2	0.8
Furniture and home furnishings stores.....	503.2	489.1	502.9	512.1	480.7	487.1	487.1	489.8	2.7
Electronics and appliance stores.....	513.0	489.8	492.6	489.9	495.0	487.1	476.6	476.7	0.1
Building material and garden supply stores.....	1,261.0	1,276.6	1,271.5	1,264.4	1,299.5	1,303.1	1,303.5	1,304.4	0.9
Food and beverage stores.....	3,125.2	3,106.4	3,134.8	3,144.1	3,099.8	3,105.3	3,110.9	3,114.9	4.0
Health and personal care stores.....	1,089.1	1,055.2	1,079.4	1,086.0	1,065.9	1,058.6	1,061.3	1,061.2	-0.1
Gasoline stations.....	930.3	941.3	945.9	940.6	933.1	940.4	942.2	943.5	1.3
Clothing and clothing accessories stores....	1,486.5	1,340.6	1,468.2	1,487.0	1,347.5	1,355.2	1,351.5	1,351.5	0.0
Sporting goods, hobby, book, and music stores.....	674.4	557.4	589.8	588.4	598.8	553.7	541.1	531.7	-9.4
General merchandise stores.....	3,334.3	3,148.2	3,374.4	3,420.9	3,121.7	3,145.9	3,182.9	3,197.9	15.0
Department stores.....	1,315.2	1,175.5	1,298.7	1,344.1	1,175.5	1,180.5	1,190.7	1,198.8	8.1
General merchandise stores, including warehouse clubs and supercenters.....	2,019.1	1,972.7	2,075.7	2,076.8	1,946.2	1,965.4	1,992.1	1,999.1	7.0
Miscellaneous store retailers.....	835.6	831.2	847.7	850.6	821.2	820.8	832.2	835.3	3.1
Nonstore retailers.....	607.9	607.2	623.1	624.4	578.0	598.5	599.3	598.2	-1.1
Transportation and warehousing.....	5,459.1	5,432.8	5,547.2	5,659.3	5,236.2	5,394.9	5,423.8	5,426.0	2.2
Air transportation.....	497.7	506.0	504.9	505.5	499.6	506.2	506.6	507.3	0.7
Rail transportation.....	211.8	216.4	216.4	216.4	212.1	215.8	216.0	216.7	0.7
Water transportation.....	64.7	66.0	64.7	64.6	65.8	65.6	65.5	65.6	0.1
Truck transportation.....	1,460.2	1,505.9	1,504.2	1,497.5	1,460.3	1,489.9	1,494.0	1,496.9	2.9
Transit and ground passenger transportation.....	511.0	512.8	510.8	509.5	495.5	494.5	494.4	494.2	-0.2
Pipeline transportation.....	47.8	47.0	46.8	46.9	47.6	47.0	46.8	46.6	-0.2
Scenic and sightseeing transportation.....	30.0	35.9	32.4	31.3	36.0	35.2	36.9	36.9	0.0
Support activities for transportation.....	703.8	720.7	725.8	730.4	700.2	717.6	724.0	725.7	1.7
Couriers and messengers.....	887.9	748.8	845.1	958.3	707.7	764.9	777.4	772.2	-5.2
Warehousing and storage.....	1,044.2	1,073.3	1,096.1	1,098.9	1,011.4	1,058.2	1,062.2	1,063.9	1.7
Utilities.....	554.9	551.9	552.6	554.8	554.1	552.8	553.4	553.9	0.5
Information.....	2,784	2,773	2,782	2,763	2,776	2,766	2,761	2,760	-1
Publishing industries, except Internet.....	720.3	715.1	718.0	716.9	717.0	713.8	715.0	713.4	-1.6
Motion picture and sound recording industries.....	414.6	420.5	417.5	397.1	416.3	413.7	402.4	403.3	0.9
Broadcasting, except Internet.....	264.7	263.6	266.0	264.6	263.0	262.3	264.1	262.9	-1.2
Telecommunications.....	778.1	746.5	749.6	751.9	773.9	749.5	748.9	748.4	-0.5
Data processing, hosting and related services.....	320.1	328.1	327.8	328.6	319.6	327.7	328.6	328.9	0.3
Other information services.....	286.5	299.0	302.8	304.0	285.9	299.3	302.4	302.8	0.4
Financial activities.....	8,516	8,626	8,612	8,629	8,511	8,614	8,615	8,621	6
Finance and insurance.....	6,301.6	6,339.6	6,345.9	6,348.3	6,291.2	6,336.3	6,340.5	6,337.4	-3.1
Monetary authorities - central bank.....	19.0	19.2	19.2	19.2	18.9	19.2	19.1	19.2	0.1
Credit intermediation and related activities.....	2,660.6	2,662.5	2,657.8	2,655.0	2,657.3	2,664.1	2,658.5	2,652.9	-5.6
Depository credit intermediation <sup>1</sup> .....	1,714.5	1,713.2	1,714.4	1,715.9	1,716.0	1,719.1	1,718.0	1,717.9	-0.1
Commercial banking.....	1,321.1	1,313.2	1,313.6	1,313.2	1,322.5	1,318.1	1,316.8	1,315.0	-1.8
Nondepository credit intermediation.....	629.9	632.7	627.5	623.4	625.9	628.9	625.2	620.7	-4.5
Activities related to credit intermediation...	316.2	316.6	315.9	315.7	315.4	316.2	315.3	314.3	-1.0
Securities, commodity contracts, investments, and funds and trusts.....	952.5	971.3	978.2	981.2	950.8	969.5	976.7	977.9	1.2
Insurance carriers and related activities.....	2,669.5	2,686.6	2,690.7	2,692.9	2,664.2	2,683.5	2,686.2	2,687.4	1.2
Real estate and rental and leasing.....	2,214.7	2,286.4	2,266.4	2,280.3	2,219.5	2,277.7	2,274.9	2,283.2	8.3
Real estate.....	1,615.5	1,653.6	1,644.8	1,657.6	1,611.1	1,646.5	1,646.5	1,652.1	5.6
Rental and leasing services.....	574.8	607.5	596.5	597.5	584.2	606.0	603.5	606.1	2.6

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-1. Employees on nonfarm payrolls by industry sector and selected industry detail**

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Nov.2018 - Dec.2018 <sup>P</sup>
	Dec. 2017	Oct. 2018	Nov. 2018 <sup>P</sup>	Dec. 2018 <sup>P</sup>	Dec. 2017	Oct. 2018	Nov. 2018 <sup>P</sup>	Dec. 2018 <sup>P</sup>	
Real estate and rental and leasing - Continued									
Lessors of nonfinancial intangible assets....	24.4	25.3	25.1	25.2	24.2	25.2	24.9	25.0	0.1
Professional and business services.....	20,770	21,381	21,431	21,349	20,677	21,173	21,217	21,260	43
Professional and technical services.....	9,110.2	9,316.4	9,370.7	9,391.5	9,080.8	9,322.4	9,348.9	9,366.5	17.6
Legal services.....	1,143.8	1,141.7	1,139.5	1,143.2	1,137.1	1,138.6	1,137.3	1,136.7	-0.6
Accounting and bookkeeping services.....	979.8	969.0	998.8	1,017.0	982.1	1,019.5	1,020.9	1,023.7	2.8
Architectural and engineering services.....	1,454.6	1,502.2	1,500.4	1,499.8	1,456.0	1,493.4	1,498.7	1,500.1	1.4
Specialized design services.....	140.6	139.8	142.5	142.6	138.3	138.8	140.1	140.3	0.2
Computer systems design and related services.....	2,066.2	2,140.1	2,153.6	2,142.6	2,064.5	2,129.6	2,139.8	2,142.0	2.2
Management and technical consulting services.....	1,439.1	1,484.7	1,488.7	1,492.7	1,424.1	1,470.0	1,472.8	1,477.0	4.2
Scientific research and development services.....	662.5	688.5	691.0	695.1	663.1	690.1	691.9	695.5	3.6
Advertising and related services.....	493.0	496.7	498.9	500.5	490.9	495.5	498.2	499.6	1.4
Other professional and technical services... ..	730.6	753.7	757.3	758.0	724.7	746.9	749.3	751.6	2.3
Management of companies and enterprises... ..	2,312.1	2,338.8	2,337.7	2,341.0	2,308.4	2,340.2	2,337.3	2,337.7	0.4
Administrative and waste services.....	9,347.8	9,725.9	9,722.5	9,616.3	9,287.4	9,510.6	9,531.0	9,556.2	25.2
Administrative and support services.....	8,931.5	9,288.6	9,286.8	9,179.0	8,869.4	9,074.3	9,094.0	9,117.0	23.0
Office administrative services.....	519.3	530.2	532.7	532.2	518.7	529.2	530.0	531.4	1.4
Facilities support services.....	155.3	159.6	158.3	158.0	155.8	158.2	157.9	158.2	0.3
Employment services <sup>1</sup> .....	3,800.5	3,902.9	3,935.8	3,920.7	3,673.6	3,769.6	3,777.6	3,792.4	14.8
Temporary help services.....	3,113.6	3,198.2	3,229.6	3,215.5	2,998.1	3,075.9	3,086.4	3,096.7	10.3
Business support services.....	932.1	924.6	937.3	935.3	908.5	910.3	913.3	911.5	-1.8
Travel arrangement and reservation services.....	213.9	217.4	213.4	212.5	216.4	217.2	215.3	215.1	-0.2
Investigation and security services.....	933.2	949.0	952.2	958.7	927.9	944.0	947.8	952.5	4.7
Services to buildings and dwellings.....	2,052.0	2,258.3	2,217.2	2,121.5	2,137.6	2,203.8	2,208.7	2,209.9	1.2
Other support services.....	325.2	346.6	339.9	340.1	331.1	342.2	343.4	345.9	2.5
Waste management and remediation services.....	416.3	437.3	435.7	437.3	418.0	436.3	437.0	439.2	2.2
Education and health services.....	23,556	23,997	24,066	24,077	23,380	23,794	23,815	23,897	82
Educational services.....	3,808.3	3,900.3	3,919.4	3,865.3	3,695.7	3,738.4	3,728.5	3,752.6	24.1
Health care and social assistance.....	19,748.0	20,096.3	20,146.7	20,212.1	19,684.4	20,055.4	20,086.7	20,144.6	57.9
Health care <sup>3</sup> .....	15,921.8	16,163.9	16,207.3	16,272.3	15,867.0	16,134.8	16,162.8	16,213.0	50.2
Ambulatory health care services.....	7,419.1	7,571.2	7,597.3	7,640.6	7,388.6	7,549.9	7,570.5	7,608.3	37.8
Offices of physicians.....	2,628.0	2,661.3	2,668.5	2,682.7	2,612.2	2,652.9	2,659.4	2,666.1	6.7
Offices of dentists.....	945.2	956.6	957.5	965.8	943.5	954.5	955.3	962.5	7.2
Offices of other health practitioners.....	908.4	943.5	950.2	954.6	905.6	942.2	945.6	951.2	5.6
Outpatient care centers.....	916.2	943.7	949.8	953.6	914.0	943.5	948.1	951.2	3.1
Medical and diagnostic laboratories... ..	275.6	284.5	284.0	287.5	274.0	284.0	284.2	285.9	1.7
Home health care services.....	1,436.5	1,478.5	1,483.3	1,493.7	1,430.5	1,471.9	1,474.8	1,488.1	13.3
Other ambulatory health care services.....	309.2	303.1	304.0	302.7	308.8	301.0	303.1	303.2	0.1
Hospitals.....	5,135.9	5,221.7	5,236.1	5,244.8	5,124.0	5,215.1	5,224.4	5,231.8	7.4
Nursing and residential care facilities... ..	3,366.8	3,371.0	3,373.9	3,386.9	3,354.4	3,369.8	3,367.9	3,372.9	5.0
Nursing care facilities.....	1,626.6	1,612.5	1,616.4	1,620.8	1,619.7	1,611.4	1,612.0	1,612.7	0.7
Residential mental health facilities.....	635.8	637.0	635.8	640.7	635.0	637.7	636.1	639.0	2.9
Community care facilities for the elderly.....	934.0	947.5	947.5	949.6	929.4	946.6	945.6	945.7	0.1
Other residential care facilities.....	170.4	174.0	174.2	175.8	170.3	174.0	174.1	175.4	1.3
Social assistance.....	3,826.2	3,932.4	3,939.4	3,939.8	3,817.4	3,920.6	3,923.9	3,931.6	7.7
Individual and family services.....	2,366.7	2,458.8	2,463.8	2,468.8	2,366.4	2,458.3	2,461.7	2,470.0	8.3
Emergency and other relief services.....	172.0	175.9	177.5	178.4	170.6	176.5	177.4	176.7	-0.7
Vocational rehabilitation services.....	344.0	347.5	346.5	345.1	345.0	347.7	346.3	345.8	-0.5
Child day care services.....	943.5	950.2	951.6	947.5	935.5	938.1	938.4	939.1	0.7
Leisure and hospitality.....	15,862	16,384	16,153	16,184	16,207	16,440	16,458	16,513	55
Arts, entertainment, and recreation.....	2,174.0	2,355.9	2,226.2	2,232.1	2,349.9	2,393.5	2,391.9	2,398.9	7.0
Performing arts and spectator sports.....	475.4	528.6	492.7	488.6	496.5	516.4	508.3	508.4	0.1
Museums, historical sites, and similar institutions.....	163.0	176.6	171.8	169.9	171.5	176.1	177.7	178.3	0.6

See footnotes at end of table.



**ESTABLISHMENT DATA**

**Table B-1. Employees on nonfarm payrolls by industry sector and selected industry detail**

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Nov.2018 - Dec.2018 <sup>P</sup>
	Dec. 2017	Oct. 2018	Nov. 2018 <sup>P</sup>	Dec. 2018 <sup>P</sup>	Dec. 2017	Oct. 2018	Nov. 2018 <sup>P</sup>	Dec. 2018 <sup>P</sup>	
Arts, entertainment, and recreation - Continued									
Amusements, gambling, and recreation.....	1,535.6	1,650.7	1,561.7	1,573.6	1,681.9	1,701.0	1,705.9	1,712.2	6.3
Accommodation and food services.....	13,687.7	14,028.3	13,927.2	13,952.3	13,857.5	14,046.1	14,065.6	14,114.3	48.7
Accommodation.....	1,948.5	2,020.4	1,967.0	1,968.0	2,013.8	2,032.3	2,027.2	2,035.2	8.0
Food services and drinking places.....	11,739.2	12,007.9	11,960.2	11,984.3	11,843.7	12,013.8	12,038.4	12,079.1	40.7
Other services.....	5,800	5,888	5,874	5,869	5,822	5,885	5,884	5,892	8
Repair and maintenance.....	1,309.6	1,328.9	1,320.2	1,321.0	1,316.8	1,327.2	1,325.6	1,327.7	2.1
Personal and laundry services.....	1,507.2	1,543.4	1,540.5	1,541.0	1,507.0	1,539.6	1,537.6	1,540.8	3.2
Membership associations and organizations...	2,982.8	3,015.3	3,013.3	3,006.9	2,998.0	3,018.2	3,021.1	3,023.5	2.4
Government.....	22,675	22,763	22,873	22,759	22,331	22,391	22,394	22,405	11
Federal.....	2,811.0	2,799.0	2,804.0	2,820.0	2,795.0	2,801.0	2,807.0	2,804.0	-3.0
Federal, except U.S. Postal Service.....	2,180.3	2,195.2	2,187.9	2,192.7	2,182.4	2,194.2	2,193.2	2,195.2	2.0
U.S. Postal Service.....	630.2	603.7	615.6	627.6	612.6	607.2	613.6	609.2	-4.4
State government.....	5,233.0	5,292.0	5,302.0	5,243.0	5,129.0	5,133.0	5,126.0	5,131.0	5.0
State government education.....	2,576.9	2,632.7	2,641.9	2,578.9	2,462.3	2,464.1	2,456.9	2,457.0	0.1
State government, excluding education.....	2,655.6	2,659.4	2,659.7	2,663.9	2,667.1	2,668.4	2,669.1	2,673.9	4.8
Local government.....	14,631.0	14,672.0	14,767.0	14,696.0	14,407.0	14,457.0	14,461.0	14,470.0	9.0
Local government education.....	8,246.2	8,217.5	8,296.2	8,263.0	7,938.2	7,959.0	7,954.1	7,956.3	2.2
Local government, excluding education.....	6,384.9	6,454.0	6,470.6	6,432.8	6,468.4	6,497.9	6,506.4	6,513.2	6.8

<sup>1</sup> Includes other industries, not shown separately.

<sup>2</sup> Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

<sup>3</sup> Includes ambulatory health care services, hospitals, and nursing and residential care facilities.

p Preliminary

NOTE: Data have been revised to reflect March 2017 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

**Table B-2. Average weekly hours and overtime of all employees on private nonfarm payrolls by industry sector, seasonally adjusted**

Industry	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	34.5	34.5	34.4	34.5
Goods-producing.....	40.5	40.3	40.2	40.6
Mining and logging.....	45.7	45.8	45.7	46.0
Construction.....	39.5	39.0	38.7	39.5
Manufacturing.....	40.8	40.8	40.8	40.9
Durable goods.....	41.3	41.1	41.1	41.2
Nondurable goods.....	40.0	40.1	40.3	40.2
Private service-providing.....	33.3	33.3	33.3	33.3
Trade, transportation, and utilities.....	34.5	34.4	34.5	34.4
Wholesale trade.....	39.3	38.9	39.0	39.0
Retail trade.....	31.1	30.9	31.0	30.9
Transportation and warehousing.....	38.7	38.9	39.0	38.9
Utilities.....	42.0	42.1	42.2	42.2
Information.....	36.2	36.2	36.2	36.4
Financial activities.....	37.6	37.8	37.6	37.5
Professional and business services.....	36.0	36.1	36.1	36.2
Education and health services.....	33.0	33.0	32.9	33.0
Leisure and hospitality.....	26.2	26.0	26.0	26.0
Other services.....	31.8	31.8	31.8	31.8
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	3.5	3.5	3.5	3.6
Durable goods.....	3.5	3.5	3.5	3.6
Nondurable goods.....	3.4	3.6	3.5	3.5

p Preliminary

NOTE: Data have been revised to reflect March 2017 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

**Table B-3. Average hourly and weekly earnings of all employees on private nonfarm payrolls by industry sector, seasonally adjusted**

Industry	Average hourly earnings				Average weekly earnings			
	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>
Total private.....	\$26.64	\$27.31	\$27.37	\$27.48	\$919.08	\$942.20	\$941.53	\$948.06
Goods-producing.....	27.84	28.41	28.50	28.61	1,127.52	1,144.92	1,145.70	1,161.57
Mining and logging.....	32.24	32.87	33.07	33.07	1,473.37	1,505.45	1,511.30	1,521.22
Construction.....	29.31	30.23	30.29	30.44	1,157.75	1,178.97	1,172.22	1,202.38
Manufacturing.....	26.77	27.12	27.23	27.30	1,092.22	1,106.50	1,110.98	1,116.57
Durable goods.....	28.05	28.53	28.71	28.76	1,158.47	1,172.58	1,179.98	1,184.91
Nondurable goods.....	24.58	24.71	24.70	24.79	983.20	990.87	995.41	996.56
Private service-providing.....	26.36	27.05	27.11	27.21	877.79	900.77	902.76	906.09
Trade, transportation, and utilities.....	23.04	23.63	23.64	23.80	794.88	812.87	815.58	818.72
Wholesale trade.....	30.30	30.83	30.87	31.04	1,190.79	1,199.29	1,203.93	1,210.56
Retail trade.....	18.34	19.03	19.05	19.26	570.37	588.03	590.55	595.13
Transportation and warehousing.....	24.22	24.44	24.40	24.40	937.31	950.72	951.60	949.16
Utilities.....	39.52	41.13	41.30	41.44	1,659.84	1,731.57	1,742.86	1,748.77
Information.....	38.80	40.57	40.73	41.02	1,404.56	1,468.63	1,474.43	1,493.13
Financial activities.....	34.04	35.02	35.31	35.45	1,279.90	1,323.76	1,327.66	1,329.38
Professional and business services.....	31.96	32.73	32.80	32.86	1,150.56	1,181.55	1,184.08	1,189.53
Education and health services.....	26.65	27.18	27.24	27.27	879.45	896.94	896.20	899.91
Leisure and hospitality.....	15.69	16.14	16.20	16.27	411.08	419.64	421.20	423.02
Other services.....	24.22	24.56	24.58	24.65	770.20	781.01	781.64	783.87

p Preliminary

NOTE: Data have been revised to reflect March 2017 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

**Table B-4. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted**

[2007=100]

Industry	Index of aggregate weekly hours <sup>1</sup>					Index of aggregate weekly payrolls <sup>2</sup>				
	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>	Percent change from: Nov. 2018 - Dec. 2018 <sup>p</sup>	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>	Percent change from: Nov. 2018 - Dec. 2018 <sup>p</sup>
Total private.....	108.5	110.3	110.1	110.7	0.5	138.2	144.0	144.1	145.4	0.9
Goods-producing.....	93.8	95.7	95.6	96.9	1.4	118.0	122.9	123.2	125.3	1.7
Mining and logging.....	100.2	108.5	108.3	109.6	1.2	129.7	143.2	143.8	145.5	1.2
Construction.....	96.3	98.3	97.6	100.1	2.6	122.6	129.2	128.4	132.4	3.1
Manufacturing.....	92.2	93.8	94.0	94.5	0.5	114.8	118.3	119.1	120.0	0.8
Durable goods.....	90.9	92.6	92.8	93.2	0.4	113.3	117.4	118.3	119.1	0.7
Nondurable goods.....	94.6	95.7	96.4	96.4	0.0	118.0	119.9	120.8	121.3	0.4
Private service-providing.....	112.5	114.1	114.3	114.5	0.2	144.1	150.0	150.6	151.4	0.5
Trade, transportation, and utilities.....	103.5	104.2	104.8	104.6	-0.2	128.4	132.6	133.3	134.0	0.5
Wholesale trade.....	101.9	102.1	102.5	102.6	0.1	128.8	131.3	132.0	132.9	0.7
Retail trade.....	100.2	99.8	100.3	100.1	-0.2	121.5	125.6	126.3	127.5	1.0
Transportation and warehousing.....	116.0	120.1	121.1	120.8	-0.2	142.5	149.0	149.9	149.6	-0.2
Utilities.....	100.7	100.7	101.0	101.1	0.1	131.5	136.8	137.9	138.5	0.4
Information.....	91.8	91.4	91.3	91.8	0.5	126.8	132.1	132.4	134.0	1.2
Financial activities.....	104.8	106.6	106.1	105.9	-0.2	139.2	145.7	146.1	146.4	0.2
Professional and business services.....	117.1	120.2	120.5	121.0	0.4	151.6	159.4	160.1	161.1	0.6
Education and health services.....	126.0	128.2	127.9	128.8	0.7	161.5	167.6	167.7	168.9	0.7
Leisure and hospitality.....	121.2	122.0	122.1	122.5	0.3	153.4	158.8	159.6	160.8	0.8
Other services.....	106.7	107.9	107.9	108.0	0.1	141.7	145.2	145.3	146.0	0.5

<sup>1</sup> The indexes of aggregate weekly hours are calculated by dividing the current month's estimates of aggregate hours by the corresponding 2007 annual average aggregate hours. Aggregate hours estimates are the product of estimates of average weekly hours and employment.

<sup>2</sup> The indexes of aggregate weekly payrolls are calculated by dividing the current month's estimates of aggregate weekly payrolls by the corresponding 2007 annual average aggregate weekly payrolls. Aggregate payrolls estimates are the product of estimates of average hourly earnings, average weekly hours, and employment.

p Preliminary

NOTE: Data have been revised to reflect March 2017 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

**Table B-5. Employment of women on nonfarm payrolls by industry sector, seasonally adjusted**

Industry	Women employees (in thousands)				Percent of all employees			
	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>
Total nonfarm.....	73,124	74,447	74,559	74,726	49.5	49.7	49.7	49.7
Total private.....	60,286	61,522	61,631	61,787	48.1	48.3	48.3	48.3
Goods-producing.....	4,466	4,634	4,648	4,654	22.0	22.2	22.3	22.2
Mining and logging.....	91	96	96	97	13.0	12.7	12.7	12.8
Construction.....	902	944	952	954	12.8	12.9	13.0	13.0
Manufacturing.....	3,473	3,594	3,600	3,603	27.7	28.1	28.1	28.1
Durable goods.....	1,831	1,901	1,904	1,906	23.4	23.8	23.7	23.7
Nondurable goods.....	1,642	1,693	1,696	1,697	34.7	35.4	35.4	35.3
Private service-providing.....	55,820	56,888	56,983	57,133	53.2	53.4	53.4	53.4
Trade, transportation, and utilities.....	11,057	11,165	11,204	11,222	40.1	40.1	40.1	40.1
Wholesale trade.....	1,755.4	1,798.6	1,799.3	1,801.5	29.5	29.9	29.9	29.9
Retail trade.....	7,888.2	7,897.0	7,929.3	7,944.7	49.7	49.7	49.8	49.8
Transportation and warehousing.....	1,285.8	1,340.4	1,346.0	1,346.0	24.6	24.8	24.8	24.8
Utilities.....	127.4	128.7	129.5	129.8	23.0	23.3	23.4	23.4
Information.....	1,095	1,091	1,087	1,082	39.4	39.4	39.4	39.2
Financial activities.....	4,797	4,862	4,859	4,859	56.4	56.4	56.4	56.4
Professional and business services.....	9,327	9,614	9,624	9,644	45.1	45.4	45.4	45.4
Education and health services.....	17,981	18,355	18,393	18,451	76.9	77.1	77.2	77.2
Leisure and hospitality.....	8,477	8,664	8,675	8,725	52.3	52.7	52.7	52.8
Other services.....	3,086	3,137	3,141	3,150	53.0	53.3	53.4	53.5
Government.....	12,838	12,925	12,928	12,939	57.5	57.7	57.7	57.8

p Preliminary

NOTE: Data have been revised to reflect March 2017 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

**Table B-6. Employment of production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup>**

[In thousands]

Industry	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>
Total private.....	103,244	104,937	105,047	105,321
Goods-producing.....	14,633	14,969	14,972	15,058
Mining and logging.....	517	563	560	566
Construction.....	5,294	5,439	5,427	5,473
Manufacturing.....	8,822	8,967	8,985	9,019
Durable goods.....	5,371	5,510	5,524	5,549
Nondurable goods.....	3,451	3,457	3,461	3,470
Private service-providing.....	88,611	89,968	90,075	90,263
Trade, transportation, and utilities.....	23,304	23,557	23,610	23,635
Wholesale trade.....	4,765.4	4,824.2	4,835.8	4,849.1
Retail trade.....	13,533.9	13,582.8	13,594.4	13,607.2
Transportation and warehousing.....	4,559.0	4,706.5	4,735.9	4,734.1
Utilities.....	445.8	443.8	443.8	444.5
Information.....	2,236	2,230	2,229	2,228
Financial activities.....	6,609	6,677	6,673	6,685
Professional and business services.....	16,846	17,289	17,319	17,361
Education and health services.....	20,528	20,890	20,903	20,956
Leisure and hospitality.....	14,276	14,452	14,468	14,520
Other services.....	4,812	4,873	4,873	4,878

<sup>1</sup> Data relate to production employees in mining and logging and manufacturing, construction employees in construction, and nonsupervisory employees in the service-providing industries. These groups account for approximately four-fifths of the total employment on private nonfarm payrolls.

<sup>p</sup> Preliminary

NOTE: Data have been revised to reflect March 2017 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

**Table B-7. Average weekly hours and overtime of production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup>**

Industry	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	33.8	33.7	33.7	33.7
Goods-producing.....	41.3	41.3	41.2	41.5
Mining and logging.....	46.5	46.3	45.8	46.3
Construction.....	40.0	39.6	39.3	40.1
Manufacturing.....	41.8	42.0	42.0	42.0
Durable goods.....	42.2	42.4	42.3	42.5
Nondurable goods.....	41.2	41.3	41.4	41.3
Private service-providing.....	32.5	32.4	32.4	32.4
Trade, transportation, and utilities.....	34.0	33.9	33.9	33.8
Wholesale trade.....	39.2	38.8	38.9	38.8
Retail trade.....	30.4	30.4	30.3	30.2
Transportation and warehousing.....	38.3	38.2	38.3	38.1
Utilities.....	42.4	42.6	42.8	42.5
Information.....	35.8	35.5	35.5	35.6
Financial activities.....	37.0	37.1	37.0	37.0
Professional and business services.....	35.4	35.3	35.2	35.3
Education and health services.....	32.3	32.2	32.2	32.3
Leisure and hospitality.....	25.0	24.8	24.8	24.7
Other services.....	30.9	30.9	31.0	30.8
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	4.5	4.5	4.6	4.6
Durable goods.....	4.5	4.6	4.8	4.8
Nondurable goods.....	4.4	4.3	4.3	4.4

<sup>1</sup> Data relate to production employees in mining and logging and manufacturing, construction employees in construction, and nonsupervisory employees in the service-providing industries. These groups account for approximately four-fifths of the total employment on private nonfarm payrolls.

<sup>p</sup> Preliminary

NOTE: Data have been revised to reflect March 2017 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

**Table B-8. Average hourly and weekly earnings of production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup>**

Industry	Average hourly earnings				Average weekly earnings			
	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>
Total private.....	\$22.31	\$22.88	\$22.96	\$23.05	\$754.08	\$771.06	\$773.75	\$776.79
Goods-producing.....	23.54	24.20	24.27	24.37	972.20	999.46	999.92	1,011.36
Mining and logging.....	27.79	28.84	28.95	28.89	1,292.24	1,335.29	1,325.91	1,337.61
Construction.....	27.12	28.05	28.15	28.27	1,084.80	1,110.78	1,106.30	1,133.63
Manufacturing.....	21.21	21.68	21.76	21.80	886.58	910.56	913.92	915.60
Durable goods.....	22.21	22.63	22.72	22.78	937.26	959.51	961.06	968.15
Nondurable goods.....	19.61	20.13	20.18	20.17	807.93	831.37	835.45	833.02
Private service-providing.....	22.05	22.60	22.68	22.77	716.63	732.24	734.83	737.75
Trade, transportation, and utilities.....	19.53	20.14	20.20	20.33	664.02	682.75	684.78	687.15
Wholesale trade.....	24.80	25.55	25.59	25.82	972.16	991.34	995.45	1,001.82
Retail trade.....	15.52	16.09	16.14	16.24	471.81	489.14	489.04	490.45
Transportation and warehousing.....	21.54	22.04	22.02	22.14	824.98	841.93	843.37	843.53
Utilities.....	36.12	36.95	37.28	37.24	1,531.49	1,574.07	1,595.58	1,582.70
Information.....	31.05	32.37	32.57	32.75	1,111.59	1,149.14	1,156.24	1,165.90
Financial activities.....	26.82	26.99	27.15	27.26	992.34	1,001.33	1,004.55	1,008.62
Professional and business services.....	26.30	26.95	27.03	27.12	931.02	951.34	951.46	957.34
Education and health services.....	23.30	23.78	23.90	23.90	752.59	765.72	769.58	771.97
Leisure and hospitality.....	13.60	14.06	14.10	14.18	340.00	348.69	349.68	350.25
Other services.....	20.45	20.77	20.79	20.84	631.91	641.79	644.49	641.87

<sup>1</sup> Data relate to production employees in mining and logging and manufacturing, construction employees in construction, and nonsupervisory employees in the service-providing industries. These groups account for approximately four-fifths of the total employment on private nonfarm payrolls.

p Preliminary

NOTE: Data have been revised to reflect March 2017 benchmark levels and updated seasonal adjustment factors.



**ESTABLISHMENT DATA**

**Table B-9. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup>**

[2002=100]

Industry	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>	Percent change from: Nov. 2018 - Dec. 2018 <sup>p</sup>	Dec. 2017	Oct. 2018	Nov. 2018 <sup>p</sup>	Dec. 2018 <sup>p</sup>	Percent change from: Nov. 2018 - Dec. 2018 <sup>p</sup>
Total private.....	116.3	117.8	117.9	118.3	0.3	173.3	180.1	181.0	182.2	0.7
Goods-producing.....	92.4	94.5	94.3	95.5	1.3	133.1	140.0	140.1	142.5	1.7
Mining and logging.....	127.8	138.5	136.3	139.3	2.2	206.5	232.3	229.5	234.0	2.0
Construction.....	106.0	107.8	106.8	109.9	2.9	155.3	163.3	162.3	167.7	3.3
Manufacturing.....	84.7	86.5	86.6	87.0	0.5	117.4	122.6	123.3	124.0	0.6
Durable goods.....	85.2	87.8	87.8	88.6	0.9	118.1	124.0	124.6	126.0	1.1
Nondurable goods.....	83.8	84.1	84.4	84.4	0.0	116.1	119.7	120.4	120.4	0.0
Private service-providing.....	122.6	124.1	124.3	124.5	0.2	185.4	192.4	193.3	194.5	0.6
Trade, transportation, and utilities.....	110.5	111.3	111.6	111.4	-0.2	153.9	159.9	160.8	161.5	0.4
Wholesale trade.....	110.0	110.2	110.8	110.8	0.0	160.7	165.9	167.0	168.5	0.9
Retail trade.....	104.1	104.5	104.3	104.0	-0.3	138.5	144.1	144.2	144.8	0.4
Transportation and warehousing.....	131.4	135.3	136.5	135.8	-0.5	179.6	189.2	190.7	190.7	0.0
Utilities.....	96.7	96.7	97.1	96.6	-0.5	145.7	149.1	151.2	150.2	-0.7
Information.....	91.4	90.4	90.3	90.5	0.2	140.4	144.8	145.6	146.8	0.8
Financial activities.....	115.1	116.6	116.2	116.4	0.2	189.9	193.6	194.1	195.3	0.6
Professional and business services.....	133.7	136.8	136.6	137.3	0.5	209.2	219.4	219.8	221.7	0.9
Education and health services.....	141.4	143.4	143.5	144.3	0.6	217.4	225.1	226.4	227.7	0.6
Leisure and hospitality.....	130.7	131.3	131.4	131.4	0.0	201.9	209.6	210.4	211.5	0.5
Other services.....	104.3	105.6	105.9	105.4	-0.5	155.4	159.8	160.5	160.0	-0.3

<sup>1</sup> Data relate to production employees in mining and logging and manufacturing, construction employees in construction, and nonsupervisory employees in the service-providing industries. These groups account for approximately four-fifths of the total employment on private nonfarm payrolls.

<sup>2</sup> The indexes of aggregate weekly hours are calculated by dividing the current month's estimates of aggregate hours by the corresponding 2002 annual average aggregate hours. Aggregate hours estimates are the product of estimates of average weekly hours and employment.

<sup>3</sup> The indexes of aggregate weekly payrolls are calculated by dividing the current month's estimates of aggregate weekly payrolls by the corresponding 2002 annual average aggregate weekly payrolls. Aggregate payrolls estimates are the product of estimates of average hourly earnings, average weekly hours, and employment.

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NOTE: Data have been revised to reflect March 2017 benchmark levels and updated seasonal adjustment factors.