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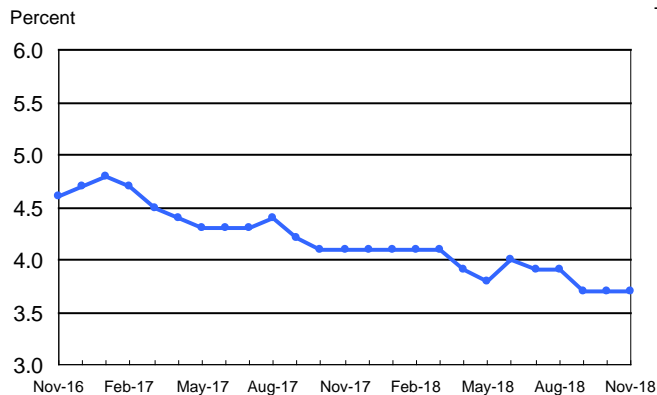
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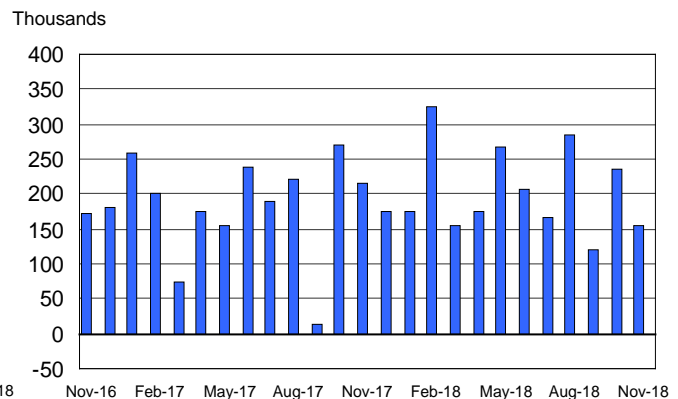
**THE EMPLOYMENT SITUATION — NOVEMBER 2018**

Total **nonfarm payroll employment** increased by 155,000 in November, and the **unemployment rate** remained unchanged at 3.7 percent, the U.S. Bureau of Labor Statistics reported today. Job gains occurred in health care, in manufacturing, and in transportation and warehousing.

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



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



**Household Survey Data**

In November, the **unemployment rate** was 3.7 percent for the third month in a row, and the number of **unemployed persons** was little changed at 6.0 million. Over the year, the unemployment rate and the number of unemployed persons declined by 0.4 percentage point and 641,000, respectively. (See table A-1.)

Among the **major worker groups**, the unemployment rates for adult men (3.3 percent), adult women (3.4 percent), teenagers (12.0 percent), Whites (3.4 percent), Blacks (5.9 percent), Asians (2.7 percent), and Hispanics (4.5 percent) showed little or no change in November. (See tables A-1, A-2, and A-3.)

The number of **long-term unemployed** (those jobless for 27 weeks or more) declined by 120,000 to 1.3 million in November. These individuals accounted for 20.8 percent of the unemployed. (See table A-12.)

Both the **labor force participation rate**, at 62.9 percent, and the **employment-population ratio**, at 60.6 percent, were unchanged in November. (See table A-1.)

The number of persons employed **part time for economic reasons** (sometimes referred to as involuntary part-time workers), at 4.8 million, changed little in November. 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 November, 1.7 million persons were **marginally attached to the labor force**, an increase of 197,000 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 453,000 **discouraged workers** in November, essentially unchanged 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 November 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 155,000 in November, compared with an average monthly gain of 209,000 over the prior 12 months. In November, job gains occurred in health care, in manufacturing, and in transportation and warehousing. (See table B-1.)

**Health care** employment rose by 32,000 in November. Within the industry, job gains occurred in ambulatory health care services (+19,000) and hospitals (+13,000). Over the year, health care has added 328,000 jobs.

In November, **manufacturing** added 27,000 jobs, with increases in chemicals (+6,000) and primary metals (+3,000). Manufacturing employment has increased by 288,000 over the year, largely in durable goods industries.

Employment in **transportation and warehousing** rose by 25,000 in November. Job gains occurred in couriers and messengers (+10,000) and in warehousing and storage (+6,000). Over the year, transportation and warehousing has added 192,000 jobs.

In November, employment in **professional and business services** continued on an upward trend (+32,000). The industry has added 561,000 jobs over the year.

**Retail trade** employment changed little in November (+18,000). Job growth occurred in general merchandise stores (+39,000) and miscellaneous store retailers (+10,000). These gains were offset, in part, by declines in clothing and clothing accessories stores (-14,000); electronics and appliance stores (-11,000); and sporting goods, hobby, and book stores (-11,000).

Employment in other major industries—including **mining, construction, wholesale trade, information, financial activities, leisure and hospitality, and government**—showed little change over the month.

The **average workweek for all employees** on private nonfarm payrolls decreased by 0.1 hour to 34.4 hours in November. In manufacturing, both the workweek and overtime were unchanged (40.8 hours and 3.5 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 November, **average hourly earnings for all employees** on private nonfarm payrolls rose by 6 cents to \$27.35. Over the year, average hourly earnings have increased by 81 cents, or 3.1 percent. Average hourly earnings of private-sector **production and nonsupervisory employees** increased by 7 cents to \$22.95 in November. (See tables B-3 and B-8.)

The change in total nonfarm payroll employment for October was revised down from +250,000 to +237,000, and the change for September was revised up from +118,000 to +119,000. With these revisions, employment gains in September and October combined were 12,000 less 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 170,000 per month over the last 3 months.

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**The Employment Situation for December is scheduled to be released on Friday, January 4, 2019, at 8:30 a.m. (EST).**

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

In accordance with usual practice, The Employment Situation news release for December 2018, scheduled for January 4, 2019, will incorporate annual revisions in seasonally adjusted household survey data. Seasonally adjusted data for the most recent 5 years are subject to revision.

## HOUSEHOLD DATA

### Summary table A. Household data, seasonally adjusted

[Numbers in thousands]

Category	Nov. 2017	Sept. 2018	Oct. 2018	Nov. 2018	Change from: Oct. 2018- Nov. 2018
<b>Employment status</b>					
Civilian noninstitutional population.....	255,949	258,290	258,514	258,708	194
Civilian labor force.....	160,533	161,926	162,637	162,770	133
Participation rate.....	62.7	62.7	62.9	62.9	0.0
Employed.....	153,917	155,962	156,562	156,795	233
Employment-population ratio.....	60.1	60.4	60.6	60.6	0.0
Unemployed.....	6,616	5,964	6,075	5,975	-100
Unemployment rate.....	4.1	3.7	3.7	3.7	0.0
Not in labor force.....	95,416	96,364	95,877	95,937	60
<b>Unemployment rates</b>					
Total, 16 years and over.....	4.1	3.7	3.7	3.7	0.0
Adult men (20 years and over).....	3.7	3.4	3.5	3.3	-0.2
Adult women (20 years and over).....	3.6	3.3	3.4	3.4	0.0
Teenagers (16 to 19 years).....	15.9	12.8	11.9	12.0	0.1
White.....	3.7	3.3	3.3	3.4	0.1
Black or African American.....	7.2	6.0	6.2	5.9	-0.3
Asian.....	3.0	3.5	3.2	2.7	-0.5
Hispanic or Latino ethnicity.....	4.8	4.5	4.4	4.5	0.1
Total, 25 years and over.....	3.3	3.0	3.1	3.0	-0.1
Less than a high school diploma.....	5.2	5.5	6.0	5.6	-0.4
High school graduates, no college.....	4.3	3.7	4.0	3.5	-0.5
Some college or associate degree.....	3.6	3.2	3.0	3.1	0.1
Bachelor's degree and higher.....	2.1	2.0	2.0	2.2	0.2
<b>Reason for unemployment</b>					
Job losers and persons who completed temporary jobs.....	3,149	2,796	2,850	2,808	-42
Job leavers.....	739	730	726	704	-22
Reentrants.....	2,025	1,877	1,906	1,869	-37
New entrants.....	697	586	606	573	-33
<b>Duration of unemployment</b>					
Less than 5 weeks.....	2,253	2,065	2,057	2,126	69
5 to 14 weeks.....	1,894	1,720	1,821	1,813	-8
15 to 26 weeks.....	921	861	856	839	-17
27 weeks and over.....	1,593	1,384	1,373	1,253	-120
<b>Employed persons at work part time</b>					
Part time for economic reasons.....	4,851	4,642	4,621	4,802	181
Slack work or business conditions.....	2,995	2,782	2,816	2,879	63
Could only find part-time work.....	1,558	1,447	1,436	1,565	129
Part time for noneconomic reasons.....	21,022	21,464	21,512	20,908	-604
<b>Persons not in the labor force (not seasonally adjusted)</b>					
Marginally attached to the labor force.....	1,481	1,577	1,491	1,678	-
Discouraged workers.....	469	383	506	453	-

- 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	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>
<b>EMPLOYMENT BY SELECTED INDUSTRY</b> (Over-the-month change, in thousands)				
Total nonfarm.....	216	119	237	155
Total private.....	217	117	251	161
Goods-producing.....	78	37	53	29
Mining and logging.....	6	3	3	-3
Construction.....	42	15	24	5
Manufacturing.....	30	19	26	27
Durable goods <sup>1</sup> .....	27	15	16	15
Motor vehicles and parts.....	3.3	1.1	6.2	-0.8
Nondurable goods.....	3	4	10	12
Private service-providing.....	139	80	198	132
Wholesale trade.....	10.0	2.7	9.3	9.5
Retail trade.....	27.2	-26.8	-7.1	18.2
Transportation and warehousing.....	12.1	24.7	15.7	25.4
Utilities.....	0.1	0.2	1.2	0.2
Information.....	-4	-7	8	-8
Financial activities.....	9	17	12	6
Professional and business services <sup>1</sup> .....	16	52	58	32
Temporary help services.....	7.1	12.8	16.5	8.3
Education and health services <sup>1</sup> .....	38	9	39	34
Health care and social assistance.....	27.8	31.7	44.7	40.1
Leisure and hospitality.....	20	5	56	15
Other services.....	11	3	6	0
Government.....	-1	2	-14	-6
<b>(3-month average change, in thousands)</b>				
Total nonfarm.....	167	190	214	170
Total private.....	170	174	212	176
<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	82.3
<b>HOURS AND EARNINGS</b> <b>ALL EMPLOYEES</b> <b>Total private</b>				
Average weekly hours.....	34.5	34.4	34.5	34.4
Average hourly earnings.....	\$26.54	\$27.25	\$27.29	\$27.35
Average weekly earnings.....	\$915.63	\$937.40	\$941.51	\$940.84
Index of aggregate weekly hours (2007=100) <sup>3</sup> .....	108.3	109.7	110.3	110.1
Over-the-month percent change.....	0.5	-0.3	0.5	-0.2
Index of aggregate weekly payrolls (2007=100) <sup>4</sup> .....	137.5	143.0	143.9	144.0
Over-the-month percent change.....	0.7	0.1	0.6	0.1
<b>DIFFUSION INDEX</b> (Over 1-month span) <sup>5</sup>				
Total private (258 industries).....	66.1	61.0	64.7	58.3
Manufacturing (76 industries).....	63.2	65.1	61.8	63.8

<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.

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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>					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
<b>TOTAL</b>									
Civilian noninstitutional population.....	255,949	258,514	258,708	255,949	257,843	258,066	258,290	258,514	258,708
Civilian labor force.....	160,466	162,723	162,665	160,533	162,245	161,776	161,926	162,637	162,770
Participation rate.....	62.7	62.9	62.9	62.7	62.9	62.7	62.7	62.9	62.9
Employed.....	154,180	156,952	157,015	153,917	155,965	155,542	155,962	156,562	156,795
Employment-population ratio.....	60.2	60.7	60.7	60.1	60.5	60.3	60.4	60.6	60.6
Unemployed.....	6,286	5,771	5,650	6,616	6,280	6,234	5,964	6,075	5,975
Unemployment rate.....	3.9	3.5	3.5	4.1	3.9	3.9	3.7	3.7	3.7
Not in labor force.....	95,483	95,792	96,043	95,416	95,598	96,290	96,364	95,877	95,937
Persons who currently want a job.....	4,877	5,048	5,060	5,265	5,163	5,389	5,237	5,309	5,397
<b>Men, 16 years and over</b>									
Civilian noninstitutional population.....	123,707	125,041	125,137	123,707	124,704	124,816	124,928	125,041	125,137
Civilian labor force.....	84,943	86,081	85,974	85,221	85,950	85,854	85,856	86,146	86,326
Participation rate.....	68.7	68.8	68.7	68.9	68.9	68.8	68.7	68.9	69.0
Employed.....	81,535	83,052	83,033	81,666	82,684	82,545	82,645	82,903	83,219
Employment-population ratio.....	65.9	66.4	66.4	66.0	66.3	66.1	66.2	66.3	66.5
Unemployed.....	3,408	3,029	2,941	3,555	3,266	3,309	3,211	3,243	3,106
Unemployment rate.....	4.0	3.5	3.4	4.2	3.8	3.9	3.7	3.8	3.6
Not in labor force.....	38,764	38,960	39,163	38,486	38,754	38,962	39,072	38,895	38,811
<b>Men, 20 years and over</b>									
Civilian noninstitutional population.....	115,212	116,546	116,646	115,212	116,220	116,328	116,437	116,546	116,646
Civilian labor force.....	82,257	83,332	83,231	82,375	83,058	83,030	83,063	83,286	83,409
Participation rate.....	71.4	71.5	71.4	71.5	71.5	71.4	71.3	71.5	71.5
Employed.....	79,349	80,637	80,636	79,324	80,240	80,134	80,225	80,405	80,660
Employment-population ratio.....	68.9	69.2	69.1	68.9	69.0	68.9	68.9	69.0	69.1
Unemployed.....	2,909	2,694	2,596	3,050	2,818	2,895	2,837	2,881	2,749
Unemployment rate.....	3.5	3.2	3.1	3.7	3.4	3.5	3.4	3.5	3.3
Not in labor force.....	32,954	33,215	33,414	32,837	33,162	33,298	33,374	33,260	33,236
<b>Women, 16 years and over</b>									
Civilian noninstitutional population.....	132,242	133,474	133,571	132,242	133,139	133,250	133,362	133,474	133,571
Civilian labor force.....	75,523	76,642	76,691	75,312	76,295	75,922	76,070	76,491	76,445
Participation rate.....	57.1	57.4	57.4	57.0	57.3	57.0	57.0	57.3	57.2
Employed.....	72,645	73,900	73,982	72,251	73,281	72,997	73,317	73,659	73,576
Employment-population ratio.....	54.9	55.4	55.4	54.6	55.0	54.8	55.0	55.2	55.1
Unemployed.....	2,877	2,742	2,709	3,061	3,013	2,925	2,753	2,832	2,869
Unemployment rate.....	3.8	3.6	3.5	4.1	3.9	3.9	3.6	3.7	3.8
Not in labor force.....	56,719	56,832	56,880	56,930	56,844	57,328	57,292	56,983	57,126
<b>Women, 20 years and over</b>									
Civilian noninstitutional population.....	123,975	125,200	125,299	123,975	124,875	124,983	125,091	125,200	125,299
Civilian labor force.....	72,673	73,683	73,820	72,302	73,285	73,154	73,039	73,391	73,431
Participation rate.....	58.6	58.9	58.9	58.3	58.7	58.5	58.4	58.6	58.6
Employed.....	70,163	71,270	71,438	69,665	70,598	70,529	70,656	70,909	70,917
Employment-population ratio.....	56.6	56.9	57.0	56.2	56.5	56.4	56.5	56.6	56.6
Unemployed.....	2,509	2,412	2,383	2,637	2,687	2,625	2,383	2,482	2,514
Unemployment rate.....	3.5	3.3	3.2	3.6	3.7	3.6	3.3	3.4	3.4
Not in labor force.....	51,302	51,517	51,479	51,673	51,590	51,829	52,052	51,809	51,868
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population.....	16,762	16,768	16,763	16,762	16,748	16,755	16,762	16,768	16,763
Civilian labor force.....	5,536	5,708	5,613	5,857	5,902	5,592	5,824	5,960	5,930
Participation rate.....	33.0	34.0	33.5	34.9	35.2	33.4	34.7	35.5	35.4
Employed.....	4,668	5,045	4,941	4,928	5,127	4,879	5,081	5,248	5,218
Employment-population ratio.....	27.8	30.1	29.5	29.4	30.6	29.1	30.3	31.3	31.1
Unemployed.....	868	664	672	929	775	714	743	712	712
Unemployment rate.....	15.7	11.6	12.0	15.9	13.1	12.8	12.8	11.9	12.0
Not in labor force.....	11,226	11,060	11,150	10,906	10,846	11,163	10,938	10,808	10,833

<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>					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
<b>WHITE</b>									
Civilian noninstitutional population.....	199,386	200,596	200,690	199,386	200,236	200,356	200,476	200,596	200,690
Civilian labor force.....	124,966	126,018	126,165	125,110	125,720	125,306	125,483	126,027	126,254
Participation rate.....	62.7	62.8	62.9	62.7	62.8	62.5	62.6	62.8	62.9
Employed.....	120,749	122,170	122,247	120,514	121,506	121,027	121,398	121,904	122,011
Employment-population ratio.....	60.6	60.9	60.9	60.4	60.7	60.4	60.6	60.8	60.8
Unemployed.....	4,217	3,848	3,918	4,596	4,214	4,279	4,085	4,123	4,243
Unemployment rate.....	3.4	3.1	3.1	3.7	3.4	3.4	3.3	3.3	3.4
Not in labor force.....	74,420	74,578	74,525	74,276	74,517	75,049	74,993	74,569	74,435
<b>Men, 20 years and over</b>									
Civilian labor force.....	65,297	65,737	65,825	65,394	65,614	65,505	65,611	65,724	65,916
Participation rate.....	71.6	71.6	71.6	71.7	71.6	71.4	71.5	71.5	71.7
Employed.....	63,327	63,933	64,000	63,282	63,690	63,486	63,629	63,760	63,961
Employment-population ratio.....	69.5	69.6	69.6	69.4	69.5	69.2	69.3	69.4	69.6
Unemployed.....	1,971	1,803	1,826	2,112	1,924	2,019	1,982	1,964	1,955
Unemployment rate.....	3.0	2.7	2.8	3.2	2.9	3.1	3.0	3.0	3.0
<b>Women, 20 years and over</b>									
Civilian labor force.....	55,365	55,941	56,054	55,147	55,534	55,351	55,297	55,752	55,789
Participation rate.....	57.7	58.0	58.1	57.5	57.7	57.5	57.4	57.8	57.8
Employed.....	53,729	54,325	54,413	53,342	53,746	53,592	53,722	54,067	53,997
Employment-population ratio.....	56.0	56.3	56.4	55.6	55.8	55.6	55.7	56.1	56.0
Unemployed.....	1,635	1,615	1,642	1,805	1,787	1,759	1,575	1,685	1,792
Unemployment rate.....	3.0	2.9	2.9	3.3	3.2	3.2	2.8	3.0	3.2
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	4,304	4,341	4,285	4,569	4,572	4,450	4,574	4,552	4,549
Participation rate.....	34.9	35.3	34.8	37.0	37.2	36.2	37.2	37.0	37.0
Employed.....	3,693	3,911	3,835	3,891	4,069	3,949	4,046	4,078	4,053
Employment-population ratio.....	29.9	31.8	31.2	31.5	33.1	32.1	32.9	33.1	32.9
Unemployed.....	611	429	450	678	502	501	528	474	496
Unemployment rate.....	14.2	9.9	10.5	14.8	11.0	11.3	11.5	10.4	10.9
<b>BLACK OR AFRICAN AMERICAN</b>									
Civilian noninstitutional population.....	32,404	32,887	32,923	32,404	32,771	32,810	32,848	32,887	32,923
Civilian labor force.....	20,218	20,706	20,467	20,175	20,495	20,404	20,513	20,590	20,462
Participation rate.....	62.4	63.0	62.2	62.3	62.5	62.2	62.4	62.6	62.2
Employed.....	18,779	19,397	19,288	18,718	19,144	19,114	19,272	19,310	19,251
Employment-population ratio.....	58.0	59.0	58.6	57.8	58.4	58.3	58.7	58.7	58.5
Unemployed.....	1,439	1,309	1,179	1,457	1,351	1,289	1,240	1,280	1,210
Unemployment rate.....	7.1	6.3	5.8	7.2	6.6	6.3	6.0	6.2	5.9
Not in labor force.....	12,186	12,181	12,456	12,230	12,276	12,406	12,336	12,297	12,461
<b>Men, 20 years and over</b>									
Civilian labor force.....	9,210	9,477	9,298	9,225	9,320	9,407	9,359	9,426	9,321
Participation rate.....	68.0	68.7	67.3	68.1	67.9	68.4	68.0	68.4	67.5
Employed.....	8,552	8,862	8,771	8,552	8,751	8,841	8,813	8,836	8,784
Employment-population ratio.....	63.1	64.3	63.5	63.1	63.7	64.3	64.0	64.1	63.6
Unemployed.....	658	615	528	673	569	566	546	590	537
Unemployment rate.....	7.1	6.5	5.7	7.3	6.1	6.0	5.8	6.3	5.8
<b>Women, 20 years and over</b>									
Civilian labor force.....	10,310	10,415	10,375	10,219	10,426	10,361	10,427	10,337	10,305
Participation rate.....	63.1	62.7	62.4	62.5	63.0	62.5	62.9	62.3	62.0
Employed.....	9,703	9,892	9,872	9,622	9,793	9,766	9,874	9,834	9,796
Employment-population ratio.....	59.3	59.6	59.4	58.8	59.2	59.0	59.5	59.2	58.9
Unemployed.....	607	523	503	597	633	595	554	503	509
Unemployment rate.....	5.9	5.0	4.8	5.8	6.1	5.7	5.3	4.9	4.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	698	815	794	731	750	635	726	827	836
Participation rate.....	27.8	32.7	31.9	29.1	30.0	25.5	29.1	33.2	33.6
Employed.....	524	643	645	544	600	508	585	640	672
Employment-population ratio.....	20.9	25.8	25.9	21.7	24.1	20.3	23.5	25.7	27.0
Unemployed.....	174	172	149	187	149	128	140	187	165
Unemployment rate.....	25.0	21.1	18.7	25.5	19.9	20.1	19.3	22.6	19.7

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>					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
<b>ASIAN</b>									
Civilian noninstitutional population.....	15,370	16,030	16,096	15,370	15,922	16,093	16,011	16,030	16,096
Civilian labor force.....	9,633	10,213	10,281	9,699	10,153	10,259	10,300	10,284	10,342
Participation rate.....	62.7	63.7	63.9	63.1	63.8	63.7	64.3	64.2	64.3
Employed.....	9,343	9,899	9,999	9,407	9,838	9,950	9,938	9,959	10,059
Employment-population ratio.....	60.8	61.8	62.1	61.2	61.8	61.8	62.1	62.1	62.5
Unemployed.....	290	314	282	292	314	309	362	324	283
Unemployment rate.....	3.0	3.1	2.7	3.0	3.1	3.0	3.5	3.2	2.7
Not in labor force.....	5,737	5,817	5,814	5,671	5,769	5,834	5,712	5,746	5,754

<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>					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
<b>HISPANIC OR LATINO ETHNICITY</b>									
Civilian noninstitutional population.....	41,751	43,054	43,146	41,751	42,767	42,863	42,959	43,054	43,146
Civilian labor force.....	27,479	28,512	28,854	27,389	28,495	28,242	28,346	28,500	28,806
Participation rate.....	65.8	66.2	66.9	65.6	66.6	65.9	66.0	66.2	66.8
Employed.....	26,196	27,343	27,585	26,088	27,223	26,927	27,059	27,252	27,510
Employment-population ratio.....	62.7	63.5	63.9	62.5	63.7	62.8	63.0	63.3	63.8
Unemployed.....	1,283	1,169	1,269	1,301	1,273	1,315	1,287	1,248	1,296
Unemployment rate.....	4.7	4.1	4.4	4.8	4.5	4.7	4.5	4.4	4.5
Not in labor force.....	14,272	14,542	14,293	14,361	14,272	14,621	14,613	14,554	14,340
<b>Men, 20 years and over</b>									
Civilian labor force.....	14,999	15,442	15,599	14,969	15,519	15,421	15,416	15,440	15,594
Participation rate.....	79.8	79.4	80.1	79.6	80.4	79.7	79.5	79.4	80.1
Employed.....	14,432	14,898	15,080	14,400	15,017	14,849	14,822	14,844	15,062
Employment-population ratio.....	76.8	76.6	77.4	76.6	77.8	76.7	76.4	76.4	77.3
Unemployed.....	567	544	519	569	502	572	594	596	532
Unemployment rate.....	3.8	3.5	3.3	3.8	3.2	3.7	3.9	3.9	3.4
<b>Women, 20 years and over</b>									
Civilian labor force.....	11,314	11,778	11,945	11,222	11,684	11,593	11,673	11,756	11,845
Participation rate.....	59.3	59.9	60.6	58.8	59.8	59.2	59.5	59.8	60.1
Employed.....	10,769	11,305	11,395	10,676	11,131	11,009	11,172	11,255	11,295
Employment-population ratio.....	56.4	57.5	57.8	56.0	57.0	56.3	57.0	57.3	57.3
Unemployed.....	545	472	550	546	553	584	501	501	550
Unemployment rate.....	4.8	4.0	4.6	4.9	4.7	5.0	4.3	4.3	4.6
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	1,166	1,293	1,310	1,198	1,292	1,228	1,257	1,304	1,367
Participation rate.....	30.1	32.6	33.0	30.9	32.8	31.1	31.8	32.9	34.5
Employed.....	995	1,140	1,110	1,012	1,075	1,068	1,065	1,153	1,153
Employment-population ratio.....	25.7	28.8	28.0	26.2	27.3	27.1	26.9	29.1	29.1
Unemployed.....	171	152	200	185	218	160	192	151	214
Unemployment rate.....	14.7	11.8	15.3	15.5	16.8	13.0	15.3	11.6	15.6

<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					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
<b>Less than a high school diploma</b>									
Civilian labor force.....	10,298	10,078	10,254	10,167	10,212	10,311	10,189	10,262	10,177
Participation rate.....	45.6	46.9	47.0	45.1	46.9	46.3	46.0	47.7	46.6
Employed.....	9,779	9,567	9,700	9,639	9,695	9,728	9,626	9,651	9,607
Employment-population ratio.....	43.4	44.5	44.4	42.7	44.5	43.7	43.5	44.9	44.0
Unemployed.....	518	510	554	528	517	583	563	611	570
Unemployment rate.....	5.0	5.1	5.4	5.2	5.1	5.7	5.5	6.0	5.6
<b>High school graduates, no college<sup>1</sup></b>									
Civilian labor force.....	36,102	36,254	35,967	36,014	36,534	36,121	36,224	36,092	35,899
Participation rate.....	57.7	57.8	57.7	57.5	57.9	57.3	57.5	57.6	57.6
Employed.....	34,598	34,879	34,764	34,463	35,056	34,699	34,873	34,638	34,625
Employment-population ratio.....	55.3	55.6	55.8	55.1	55.5	55.0	55.3	55.3	55.6
Unemployed.....	1,504	1,375	1,203	1,551	1,478	1,422	1,351	1,454	1,274
Unemployment rate.....	4.2	3.8	3.3	4.3	4.0	3.9	3.7	4.0	3.5
<b>Some college or associate degree</b>									
Civilian labor force.....	38,075	37,808	37,649	37,955	37,531	37,300	37,423	37,598	37,540
Participation rate.....	66.4	65.7	65.6	66.2	65.4	65.6	65.3	65.3	65.4
Employed.....	36,747	36,706	36,516	36,579	36,340	35,987	36,239	36,462	36,370
Employment-population ratio.....	64.1	63.8	63.6	63.8	63.3	63.3	63.2	63.4	63.4
Unemployed.....	1,328	1,102	1,133	1,376	1,191	1,313	1,184	1,136	1,170
Unemployment rate.....	3.5	2.9	3.0	3.6	3.2	3.5	3.2	3.0	3.1
<b>Bachelor's degree and higher<sup>2</sup></b>									
Civilian labor force.....	55,498	58,022	58,392	55,501	56,940	57,638	57,258	57,856	58,406
Participation rate.....	73.6	73.6	73.7	73.6	73.4	74.0	73.6	73.4	73.7
Employed.....	54,424	56,890	57,194	54,348	55,672	56,452	56,124	56,700	57,102
Employment-population ratio.....	72.2	72.2	72.2	72.1	71.8	72.5	72.1	71.9	72.1
Unemployed.....	1,074	1,132	1,198	1,153	1,268	1,186	1,134	1,156	1,305
Unemployment rate.....	1.9	2.0	2.1	2.1	2.2	2.1	2.0	2.0	2.2

<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	
	Nov. 2017	Nov. 2018	Nov. 2017	Nov. 2018	Nov. 2017	Nov. 2018
<b>VETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	19,420	19,060	17,566	17,187	1,854	1,873
Civilian labor force.....	9,698	9,458	8,569	8,297	1,129	1,162
Participation rate.....	49.9	49.6	48.8	48.3	60.9	62.0
Employed.....	9,310	9,167	8,223	8,040	1,087	1,127
Employment-population ratio.....	47.9	48.1	46.8	46.8	58.6	60.2
Unemployed.....	388	291	346	257	42	35
Unemployment rate.....	4.0	3.1	4.0	3.1	3.7	3.0
Not in labor force.....	9,722	9,602	8,997	8,890	725	711
<b>Gulf War-era II veterans</b>						
Civilian noninstitutional population.....	4,103	4,226	3,410	3,506	692	720
Civilian labor force.....	3,374	3,489	2,882	2,957	493	533
Participation rate.....	82.2	82.6	84.5	84.3	71.2	73.9
Employed.....	3,219	3,370	2,759	2,859	460	511
Employment-population ratio.....	78.5	79.7	80.9	81.5	66.5	70.9
Unemployed.....	155	120	123	98	33	22
Unemployment rate.....	4.6	3.4	4.3	3.3	6.6	4.1
Not in labor force.....	728	737	529	549	199	188
<b>Gulf War-era I veterans</b>						
Civilian noninstitutional population.....	3,030	3,074	2,551	2,587	480	487
Civilian labor force.....	2,387	2,382	2,052	2,032	335	350
Participation rate.....	78.8	77.5	80.4	78.5	69.9	71.8
Employed.....	2,316	2,321	1,984	1,977	332	344
Employment-population ratio.....	76.4	75.5	77.8	76.4	69.1	70.6
Unemployed.....	71	61	67	55	4	6
Unemployment rate.....	3.0	2.6	3.3	2.7	1.1	1.7
Not in labor force.....	643	692	499	555	144	137
<b>World War II, Korean War, and Vietnam-era veterans</b>						
Civilian noninstitutional population.....	7,873	7,469	7,605	7,213	268	256
Civilian labor force.....	1,753	1,600	1,689	1,532	64	68
Participation rate.....	22.3	21.4	22.2	21.2	23.7	26.5
Employed.....	1,680	1,565	1,616	1,497	64	68
Employment-population ratio.....	21.3	21.0	21.3	20.8	23.7	26.5
Unemployed.....	73	35	73	35	0	0
Unemployment rate.....	4.2	2.2	4.3	2.3	-	-
Not in labor force.....	6,120	5,869	5,916	5,681	204	188
<b>Veterans of other service periods</b>						
Civilian noninstitutional population.....	4,414	4,291	4,000	3,881	414	410
Civilian labor force.....	2,184	1,988	1,946	1,776	237	212
Participation rate.....	49.5	46.3	48.7	45.8	57.3	51.6
Employed.....	2,095	1,912	1,863	1,708	231	204
Employment-population ratio.....	47.5	44.6	46.6	44.0	55.9	49.9
Unemployed.....	89	76	83	68	6	7
Unemployment rate.....	4.1	3.8	4.3	3.8	2.5	3.4
Not in labor force.....	2,230	2,303	2,054	2,105	177	198
<b>NONVETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	227,216	230,685	101,379	103,394	125,837	127,291
Civilian labor force.....	148,582	151,133	75,345	76,761	73,237	74,372
Participation rate.....	65.4	65.5	74.3	74.2	58.2	58.4
Employed.....	143,076	146,041	72,500	74,218	70,576	71,823
Employment-population ratio.....	63.0	63.3	71.5	71.8	56.1	56.4
Unemployed.....	5,506	5,093	2,845	2,543	2,661	2,549
Unemployment rate.....	3.7	3.4	3.8	3.3	3.6	3.4
Not in labor force.....	78,634	79,552	26,034	26,633	52,600	52,919

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	
	Nov. 2017	Nov. 2018	Nov. 2017	Nov. 2018
<b>TOTAL, 16 years and over</b>				
Civilian noninstitutional population.....	29,968	30,390	225,981	228,317
Civilian labor force.....	6,222	6,397	154,244	156,267
Participation rate.....	20.8	21.1	68.3	68.4
Employed.....	5,693	5,904	148,487	151,111
Employment-population ratio.....	19.0	19.4	65.7	66.2
Unemployed.....	529	494	5,757	5,156
Unemployment rate.....	8.5	7.7	3.7	3.3
Not in labor force.....	23,746	23,993	71,737	72,050
<b>Men, 16 to 64 years</b>				
Civilian labor force.....	2,730	2,670	76,842	77,695
Participation rate.....	36.5	35.3	81.9	82.4
Employed.....	2,469	2,460	73,867	75,127
Employment-population ratio.....	33.0	32.5	78.8	79.7
Unemployed.....	262	210	2,976	2,568
Unemployment rate.....	9.6	7.9	3.9	3.3
Not in labor force.....	4,760	4,897	16,927	16,600
<b>Women, 16 to 64 years</b>				
Civilian labor force.....	2,321	2,491	68,900	69,459
Participation rate.....	29.9	31.7	71.2	71.6
Employed.....	2,109	2,266	66,365	67,115
Employment-population ratio.....	27.2	28.9	68.6	69.1
Unemployed.....	212	225	2,535	2,343
Unemployment rate.....	9.1	9.0	3.7	3.4
Not in labor force.....	5,437	5,361	27,838	27,604
<b>Both sexes, 65 years and over</b>				
Civilian labor force.....	1,170	1,237	8,502	9,113
Participation rate.....	8.0	8.3	24.0	24.7
Employed.....	1,115	1,178	8,255	8,868
Employment-population ratio.....	7.6	7.9	23.3	24.0
Unemployed.....	55	59	247	245
Unemployment rate.....	4.7	4.8	2.9	2.7
Not in labor force.....	13,548	13,735	26,972	27,846

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	
	Nov. 2017	Nov. 2018	Nov. 2017	Nov. 2018	Nov. 2017	Nov. 2018
<b>Foreign born, 16 years and over</b>						
Civilian noninstitutional population.....	41,834	43,310	20,121	20,898	21,712	22,412
Civilian labor force.....	27,395	28,717	15,597	16,401	11,798	12,316
Participation rate.....	65.5	66.3	77.5	78.5	54.3	55.0
Employed.....	26,453	27,805	15,138	15,951	11,315	11,854
Employment-population ratio.....	63.2	64.2	75.2	76.3	52.1	52.9
Unemployed.....	942	912	459	451	483	462
Unemployment rate.....	3.4	3.2	2.9	2.7	4.1	3.7
Not in labor force.....	14,438	14,593	4,524	4,497	9,914	10,096
<b>Native born, 16 years and over</b>						
Civilian noninstitutional population.....	214,115	215,398	103,586	104,239	110,530	111,159
Civilian labor force.....	133,071	133,948	69,346	69,572	63,725	64,375
Participation rate.....	62.1	62.2	66.9	66.7	57.7	57.9
Employed.....	127,727	129,210	66,396	67,082	61,331	62,128
Employment-population ratio.....	59.7	60.0	64.1	64.4	55.5	55.9
Unemployed.....	5,344	4,738	2,950	2,490	2,394	2,248
Unemployment rate.....	4.0	3.5	4.3	3.6	3.8	3.5
Not in labor force.....	81,045	81,450	34,240	34,667	46,805	46,784

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					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
<b>CLASS OF WORKER</b>									
Agriculture and related industries.....	2,451	2,484	2,553	2,510	2,498	2,345	2,474	2,406	2,557
Wage and salary workers <sup>1</sup> .....	1,666	1,771	1,784	1,697	1,658	1,528	1,640	1,658	1,774
Self-employed workers, unincorporated.....	754	692	742	791	783	772	812	731	770
Unpaid family workers.....	30	21	27	-	-	-	-	-	-
Nonagricultural industries.....	151,729	154,468	154,461	151,453	153,473	153,262	153,474	154,152	154,300
Wage and salary workers <sup>1</sup> .....	142,653	145,325	145,430	142,472	144,447	144,276	144,389	145,109	145,344
Government.....	20,950	21,187	21,270	20,717	20,900	20,791	20,743	21,212	21,057
Private industries.....	121,702	124,139	124,161	121,779	123,541	123,513	123,634	123,968	124,293
Private households.....	608	769	811	-	-	-	-	-	-
Other industries.....	121,094	123,370	123,349	121,140	122,772	122,749	122,842	123,167	123,451
Self-employed workers, unincorporated.....	9,030	9,055	8,961	8,922	8,880	8,861	8,959	8,943	8,873
Unpaid family workers.....	46	88	69	-	-	-	-	-	-
<b>PERSONS AT WORK PART TIME<sup>2</sup></b>									
<b>  All industries</b>									
Part time for economic reasons <sup>3</sup> .....	4,642	4,246	4,558	4,851	4,567	4,379	4,642	4,621	4,802
Slack work or business conditions.....	2,872	2,600	2,760	2,995	2,877	2,551	2,782	2,816	2,879
Could only find part-time work.....	1,497	1,433	1,541	1,558	1,431	1,365	1,447	1,436	1,565
Part time for noneconomic reasons <sup>4</sup> .....	22,123	21,979	21,930	21,022	21,532	21,781	21,464	21,512	20,908
<b>    Nonagricultural industries</b>									
Part time for economic reasons <sup>3</sup> .....	4,554	4,169	4,512	4,759	4,482	4,311	4,547	4,523	4,734
Slack work or business conditions.....	2,819	2,541	2,719	2,952	2,836	2,522	2,752	2,763	2,843
Could only find part-time work.....	1,486	1,428	1,541	1,552	1,415	1,355	1,441	1,431	1,580
Part time for noneconomic reasons <sup>4</sup> .....	21,744	21,616	21,539	20,645	21,177	21,448	21,057	21,143	20,518

<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					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
<b>AGE AND SEX</b>									
Total, 16 years and over.....	154,180	156,952	157,015	153,917	155,965	155,542	155,962	156,562	156,795
16 to 19 years.....	4,668	5,045	4,941	4,928	5,127	4,879	5,081	5,248	5,218
16 to 17 years.....	1,794	1,940	1,807	1,929	1,815	1,770	1,766	1,956	1,917
18 to 19 years.....	2,874	3,105	3,134	2,996	3,315	3,110	3,293	3,293	3,307
20 years and over.....	149,512	151,908	152,073	148,989	150,838	150,663	150,881	151,314	151,578
20 to 24 years.....	13,963	13,865	13,899	13,982	14,128	13,841	14,026	13,902	13,947
25 years and over.....	135,549	138,042	138,174	135,009	136,762	136,749	136,856	137,506	137,603
25 to 54 years.....	99,823	101,289	101,273	99,407	100,417	100,276	100,316	100,903	100,845
25 to 34 years.....	34,821	35,802	35,779	34,692	35,444	35,316	35,500	35,699	35,679
35 to 44 years.....	32,316	33,017	32,958	32,146	32,690	32,636	32,489	32,853	32,789
45 to 54 years.....	32,685	32,469	32,537	32,568	32,283	32,324	32,327	32,352	32,377
55 years and over.....	35,726	36,753	36,901	35,602	36,346	36,473	36,540	36,602	36,758
Men, 16 years and over.....	81,535	83,052	83,033	81,666	82,684	82,545	82,645	82,903	83,219
16 to 19 years.....	2,186	2,415	2,397	2,342	2,444	2,410	2,420	2,498	2,559
16 to 17 years.....	811	863	775	884	814	812	782	893	849
18 to 19 years.....	1,375	1,552	1,622	1,443	1,629	1,598	1,637	1,614	1,715
20 years and over.....	79,349	80,637	80,636	79,324	80,240	80,134	80,225	80,405	80,660
20 to 24 years.....	7,157	7,031	7,019	7,210	7,149	6,990	7,162	7,087	7,093
25 years and over.....	72,192	73,606	73,617	72,102	73,126	73,106	73,020	73,341	73,528
25 to 54 years.....	53,178	53,957	54,032	53,084	53,673	53,599	53,569	53,796	53,942
25 to 34 years.....	18,650	19,196	19,205	18,617	19,054	19,007	19,121	19,171	19,212
35 to 44 years.....	17,347	17,704	17,698	17,300	17,691	17,642	17,509	17,619	17,658
45 to 54 years.....	17,181	17,056	17,128	17,167	16,928	16,950	16,939	17,005	17,071
55 years and over.....	19,014	19,650	19,585	19,018	19,453	19,507	19,451	19,546	19,586
Women, 16 years and over.....	72,645	73,900	73,982	72,251	73,281	72,997	73,317	73,659	73,576
16 to 19 years.....	2,482	2,630	2,544	2,586	2,683	2,468	2,661	2,751	2,658
16 to 17 years.....	983	1,077	1,032	1,044	1,001	958	983	1,063	1,068
18 to 19 years.....	1,499	1,553	1,512	1,552	1,687	1,512	1,656	1,679	1,592
20 years and over.....	70,163	71,270	71,438	69,665	70,598	70,529	70,656	70,909	70,917
20 to 24 years.....	6,806	6,835	6,880	6,772	6,979	6,851	6,864	6,815	6,854
25 years and over.....	63,357	64,436	64,557	62,906	63,636	63,643	63,836	64,165	64,075
25 to 54 years.....	46,645	47,332	47,242	46,322	46,744	46,677	46,747	47,108	46,903
25 to 34 years.....	16,171	16,606	16,573	16,074	16,390	16,309	16,379	16,527	16,467
35 to 44 years.....	14,969	15,313	15,260	14,846	14,998	14,994	14,979	15,234	15,130
45 to 54 years.....	15,504	15,413	15,408	15,402	15,355	15,374	15,388	15,347	15,306
55 years and over.....	16,712	17,104	17,316	16,584	16,892	16,966	17,089	17,057	17,172
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	45,581	46,354	46,164	45,621	45,751	45,858	45,966	46,228	46,242
Married women, spouse present <sup>1</sup> .....	36,151	36,278	36,521	35,844	35,986	36,070	35,984	36,040	36,179
Women who maintain families <sup>2</sup> .....	10,064	10,060	9,816	-	-	-	-	-	-
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	126,468	129,627	129,464	126,758	129,021	128,577	128,894	129,212	129,755
Part-time workers <sup>4</sup> .....	27,713	27,325	27,551	27,138	26,992	26,913	27,055	27,297	27,039
<b>MULTIPLE JOBHOLDERS</b>									
Total multiple jobholders.....	7,593	8,093	7,934	7,342	8,072	7,944	7,707	7,883	7,741
Percent of total employed.....	4.9	5.2	5.1	4.8	5.2	5.1	4.9	5.0	4.9
<b>SELF-EMPLOYMENT</b>									
Self-employed workers, incorporated.....	6,021	6,057	6,226	-	-	-	-	-	-
Self-employed workers, unincorporated.....	9,785	9,747	9,703	9,713	9,663	9,633	9,771	9,674	9,643

<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					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
<b>AGE AND SEX</b>									
Total, 16 years and over.....	6,616	6,075	5,975	4.1	3.9	3.9	3.7	3.7	3.7
16 to 19 years.....	929	712	712	15.9	13.1	12.8	12.8	11.9	12.0
16 to 17 years.....	455	235	291	19.1	13.6	13.4	13.8	10.7	13.2
18 to 19 years.....	506	492	435	14.4	12.5	12.2	11.9	13.0	11.6
20 years and over.....	5,688	5,363	5,263	3.7	3.5	3.5	3.3	3.4	3.4
20 to 24 years.....	1,075	1,010	970	7.1	6.9	6.8	6.9	6.8	6.5
25 years and over.....	4,638	4,335	4,305	3.3	3.2	3.2	3.0	3.1	3.0
25 to 54 years.....	3,474	3,269	3,226	3.4	3.2	3.2	3.0	3.1	3.1
25 to 34 years.....	1,545	1,350	1,375	4.3	3.5	4.1	3.5	3.6	3.7
35 to 44 years.....	1,023	1,010	983	3.1	3.1	2.9	2.9	3.0	2.9
45 to 54 years.....	906	908	868	2.7	2.9	2.6	2.7	2.7	2.6
55 years and over.....	1,144	1,073	1,081	3.1	3.1	3.1	2.8	2.8	2.9
Men, 16 years and over.....	3,555	3,243	3,106	4.2	3.8	3.9	3.7	3.8	3.6
16 to 19 years.....	505	362	357	17.7	15.5	14.7	13.4	12.7	12.2
16 to 17 years.....	231	114	146	20.7	16.1	15.6	14.6	11.3	14.7
18 to 19 years.....	287	251	219	16.6	14.5	14.1	12.8	13.5	11.3
20 years and over.....	3,050	2,881	2,749	3.7	3.4	3.5	3.4	3.5	3.3
20 to 24 years.....	662	565	551	8.4	7.4	7.5	7.4	7.4	7.2
25 years and over.....	2,406	2,294	2,209	3.2	3.0	3.1	3.0	3.0	2.9
25 to 54 years.....	1,747	1,761	1,627	3.2	3.0	3.1	3.1	3.2	2.9
25 to 34 years.....	793	747	660	4.1	3.5	4.1	3.6	3.7	3.3
35 to 44 years.....	485	554	527	2.7	2.6	2.6	3.0	3.0	2.9
45 to 54 years.....	468	460	440	2.7	2.8	2.4	2.7	2.6	2.5
55 years and over.....	659	533	582	3.4	3.1	3.0	2.9	2.7	2.9
Women, 16 years and over.....	3,061	2,832	2,869	4.1	3.9	3.9	3.6	3.7	3.8
16 to 19 years.....	424	350	355	14.1	10.9	10.8	12.2	11.3	11.8
16 to 17 years.....	224	121	145	17.7	11.4	11.5	13.1	10.2	11.9
18 to 19 years.....	219	241	216	12.4	10.5	10.0	11.0	12.6	11.9
20 years and over.....	2,637	2,482	2,514	3.6	3.7	3.6	3.3	3.4	3.4
20 to 24 years.....	413	445	420	5.8	6.3	6.1	6.3	6.1	5.8
25 years and over.....	2,232	2,041	2,096	3.4	3.4	3.3	2.9	3.1	3.2
25 to 54 years.....	1,727	1,508	1,599	3.6	3.4	3.4	3.0	3.1	3.3
25 to 34 years.....	752	604	714	4.5	3.6	4.1	3.5	3.5	4.2
35 to 44 years.....	538	456	456	3.5	3.6	3.2	2.8	2.9	2.9
45 to 54 years.....	438	448	429	2.8	3.0	2.7	2.6	2.8	2.7
55 years and over.....	483	532	499	2.8	3.0	3.1	2.8	3.0	2.8
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	969	897	900	2.1	2.0	2.0	1.9	1.9	1.9
Married women, spouse present <sup>1</sup> .....	833	836	870	2.3	2.5	2.5	2.1	2.3	2.3
Women who maintain families <sup>2</sup> .....	590	565	558	5.5	5.6	5.4	5.1	5.3	5.4
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	5,189	4,838	4,702	3.9	3.8	3.7	3.5	3.6	3.5
Part-time workers <sup>4</sup> .....	1,421	1,241	1,268	5.0	4.4	4.3	4.5	4.3	4.5

<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					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
<b>NUMBER OF UNEMPLOYED</b>									
Job losers and persons who completed temporary jobs.....	2,907	2,510	2,598	3,149	3,017	2,875	2,796	2,850	2,808
On temporary layoff.....	807	507	699	950	890	872	820	793	811
Not on temporary layoff.....	2,100	2,003	1,899	2,200	2,127	2,003	1,975	2,057	1,997
Permanent job losers.....	1,483	1,317	1,242	1,539	1,455	1,345	1,248	1,355	1,297
Persons who completed temporary jobs....	617	686	657	661	672	658	727	701	700
Job leavers.....	757	746	699	739	844	862	730	726	704
Reentrants.....	1,978	1,951	1,829	2,025	1,799	1,846	1,877	1,906	1,869
New entrants.....	644	564	524	697	591	584	586	606	573
<b>PERCENT DISTRIBUTION</b>									
Job losers and persons who completed temporary jobs.....	46.2	43.5	46.0	47.6	48.3	46.6	46.7	46.8	47.2
On temporary layoff.....	12.8	8.8	12.4	14.4	14.2	14.1	13.7	13.0	13.6
Not on temporary layoff.....	33.4	34.7	33.6	33.3	34.0	32.5	33.0	33.8	33.5
Job leavers.....	12.0	12.9	12.4	11.2	13.5	14.0	12.2	11.9	11.8
Reentrants.....	31.5	33.8	32.4	30.6	28.8	29.9	31.3	31.3	31.4
New entrants.....	10.2	9.8	9.3	10.5	9.5	9.5	9.8	10.0	9.6
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers and persons who completed temporary jobs.....	1.8	1.5	1.6	2.0	1.9	1.8	1.7	1.8	1.7
Job leavers.....	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.4
Reentrants.....	1.2	1.2	1.1	1.3	1.1	1.1	1.2	1.2	1.1
New entrants.....	0.4	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					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
<b>NUMBER OF UNEMPLOYED</b>									
Less than 5 weeks.....	2,084	1,866	1,974	2,253	2,091	2,208	2,065	2,057	2,126
5 to 14 weeks.....	1,753	1,734	1,670	1,894	1,820	1,720	1,720	1,821	1,813
15 weeks and over.....	2,449	2,171	2,005	2,514	2,406	2,255	2,245	2,229	2,092
15 to 26 weeks.....	921	824	817	921	971	923	861	856	839
27 weeks and over.....	1,529	1,347	1,188	1,593	1,435	1,332	1,384	1,373	1,253
Average (mean) duration, in weeks.....	26.3	23.8	22.7	25.2	23.2	22.6	24.0	22.5	21.7
Median duration, in weeks.....	9.7	9.9	8.9	9.5	9.5	9.1	9.2	9.4	8.9
<b>PERCENT DISTRIBUTION</b>									
Less than 5 weeks.....	33.2	32.3	34.9	33.8	33.1	35.7	34.3	33.7	35.2
5 to 14 weeks.....	27.9	30.0	29.6	28.4	28.8	27.8	28.5	29.8	30.1
15 weeks and over.....	39.0	37.6	35.5	37.7	38.1	36.5	37.2	36.5	34.7
15 to 26 weeks.....	14.6	14.3	14.5	13.8	15.4	14.9	14.3	14.0	13.9
27 weeks and over.....	24.3	23.3	21.0	23.9	22.7	21.5	22.9	22.5	20.8

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	
	Nov. 2017	Nov. 2018	Nov. 2017	Nov. 2018	Nov. 2017	Nov. 2018
Total, 16 years and over <sup>1</sup> .....	154,180	157,015	6,286	5,650	3.9	3.5
Management, professional, and related occupations.....	61,818	63,084	1,266	1,330	2.0	2.1
Management, business, and financial operations occupations.....	25,731	26,248	511	557	1.9	2.1
Professional and related occupations.....	36,087	36,836	755	773	2.0	2.1
Service occupations.....	26,376	26,724	1,368	1,154	4.9	4.1
Sales and office occupations.....	33,390	33,753	1,345	1,224	3.9	3.5
Sales and related occupations.....	15,748	15,995	670	620	4.1	3.7
Office and administrative support occupations.....	17,642	17,758	675	604	3.7	3.3
Natural resources, construction, and maintenance occupations.....	14,667	14,819	789	677	5.1	4.4
Farming, fishing, and forestry occupations.....	1,213	1,185	96	129	7.4	9.8
Construction and extraction occupations.....	8,498	8,636	508	400	5.6	4.4
Installation, maintenance, and repair occupations.....	4,955	4,998	184	148	3.6	2.9
Production, transportation, and material moving occupations.....	17,930	18,635	860	723	4.6	3.7
Production occupations.....	8,685	8,797	295	307	3.3	3.4
Transportation and material moving occupations.....	9,245	9,837	564	415	5.8	4.0

<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	
	Nov. 2017	Nov. 2018	Nov. 2017	Nov. 2018
Total, 16 years and over <sup>1</sup> .....	6,286	5,650	3.9	3.5
Nonagricultural private wage and salary workers.....	4,752	4,366	3.8	3.4
Mining, quarrying, and oil and gas extraction.....	20	16	2.4	1.9
Construction.....	467	375	5.0	3.9
Manufacturing.....	409	465	2.6	2.9
Durable goods.....	236	273	2.4	2.7
Nondurable goods.....	173	192	2.9	3.2
Wholesale and retail trade.....	869	803	4.2	3.9
Transportation and utilities.....	252	256	3.7	3.7
Information.....	146	95	5.2	3.8
Financial activities.....	206	213	2.1	2.1
Professional and business services.....	689	618	4.0	3.6
Education and health services.....	596	563	2.5	2.3
Leisure and hospitality.....	882	729	6.6	5.3
Other services.....	216	231	3.2	3.3
Agriculture and related private wage and salary workers.....	125	126	7.2	6.7
Government workers.....	439	428	2.0	2.0
Self-employed workers, unincorporated, and unpaid family workers.....	326	206	3.2	2.1

<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					
	Nov. 2017	Oct. 2018	Nov. 2018	Nov. 2017	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Nov. 2018
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	1.5	1.3	1.2	1.6	1.5	1.4	1.4	1.4	1.3
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.....	1.8	1.5	1.6	2.0	1.9	1.8	1.7	1.8	1.7
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	3.9	3.5	3.5	4.1	3.9	3.9	3.7	3.7	3.7
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	4.2	3.8	3.7	4.4	4.2	4.1	3.9	4.0	3.9
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.....	4.8	4.4	4.5	5.0	4.8	4.7	4.6	4.6	4.7
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.....	7.7	7.0	7.2	8.0	7.5	7.4	7.5	7.4	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	
	Nov. 2017	Nov. 2018	Nov. 2017	Nov. 2018	Nov. 2017	Nov. 2018
<b>NOT IN THE LABOR FORCE</b>						
Total not in the labor force.....	95,483	96,043	38,764	39,163	56,719	56,880
Persons who currently want a job.....	4,877	5,060	2,261	2,460	2,616	2,600
Marginally attached to the labor force <sup>1</sup> .....	1,481	1,678	770	946	710	731
Discouraged workers <sup>2</sup> .....	469	453	292	294	176	159
Other persons marginally attached to the labor force <sup>3</sup> ..	1,012	1,225	478	652	534	573
<b>MULTIPLE JOBHOLDERS</b>						
Total multiple jobholders <sup>4</sup> .....	7,593	7,934	3,559	3,860	4,034	4,074
Percent of total employed.....	4.9	5.1	4.4	4.6	5.6	5.5
Primary job full time, secondary job part time.....	4,286	4,516	2,194	2,417	2,092	2,099
Primary and secondary jobs both part time.....	1,978	2,081	638	689	1,341	1,392
Primary and secondary jobs both full time.....	252	287	170	192	81	95
Hours vary on primary or secondary job.....	1,003	993	523	541	480	452

<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: Oct.2018 - Nov.2018 <sup>P</sup>
	Nov. 2017	Sept. 2018	Oct. 2018 <sup>P</sup>	Nov. 2018 <sup>P</sup>	Nov. 2017	Sept. 2018	Oct. 2018 <sup>P</sup>	Nov. 2018 <sup>P</sup>	
Total nonfarm.....	148,783	149,741	150,757	151,232	147,450	149,501	149,738	149,893	155
Total private.....	125,970	127,369	128,000	128,360	125,120	127,103	127,354	127,515	161
Goods-producing.....	20,342	21,027	21,056	20,952	20,246	20,787	20,840	20,869	29
Mining and logging.....	703	759	764	755	697	750	753	750	-3
Logging.....	50.6	48.7	48.1	47.2	49.3	47.2	47.0	46.4	-0.6
Mining.....	652.0	710.5	716.1	707.8	647.3	702.8	705.8	703.8	-2.0
Oil and gas extraction.....	146.9	152.6	153.2	154.0	146.0	152.4	153.0	153.4	0.4
Mining, except oil and gas.....	187.5	193.0	194.2	191.8	186.2	190.0	190.7	190.7	0.0
Coal mining.....	52.3	52.9	53.1	53.2	52.1	52.8	52.8	53.2	0.4
Metal ore mining.....	38.4	39.0	39.0	38.7	38.5	38.9	38.9	38.7	-0.2
Nonmetallic mineral mining and quarrying.....	96.8	101.1	102.1	99.9	95.6	98.3	98.9	98.7	-0.2
Support activities for mining.....	317.6	364.9	368.7	362.0	315.1	360.4	362.1	359.7	-2.4
Construction.....	7,117	7,476	7,500	7,394	7,030	7,283	7,307	7,312	5
Construction of buildings.....	1,567.6	1,642.0	1,647.4	1,638.2	1,555.1	1,617.8	1,620.2	1,626.5	6.3
Residential building.....	765.0	812.8	817.9	819.2	758.1	801.6	805.8	812.9	7.1
Nonresidential building.....	802.6	829.2	829.5	819.0	797.0	816.2	814.4	813.6	-0.8
Heavy and civil engineering construction.....	1,005.9	1,092.7	1,093.3	1,049.5	984.5	1,025.7	1,028.8	1,029.0	0.2
Specialty trade contractors.....	4,543.3	4,741.5	4,759.5	4,705.9	4,490.0	4,639.4	4,658.3	4,656.1	-2.2
Residential specialty trade contractors.....	1,993.3	2,076.6	2,086.3	2,065.5	1,972.6	2,035.7	2,044.9	2,045.7	0.8
Nonresidential specialty trade contractors.....	2,550.0	2,664.9	2,673.2	2,640.4	2,517.4	2,603.7	2,613.4	2,610.4	-3.0
Manufacturing.....	12,522	12,792	12,792	12,803	12,519	12,754	12,780	12,807	27
Durable goods.....	7,796	7,986	8,000	8,017	7,792	7,985	8,001	8,016	15
Wood products.....	396.8	408.6	409.1	408.5	395.6	407.9	408.1	408.8	0.7
Nonmetallic mineral products.....	416.4	425.6	425.9	425.7	413.0	421.5	421.7	422.8	1.1
Primary metals.....	374.6	381.8	381.8	384.3	375.2	382.9	382.5	385.3	2.8
Fabricated metal products.....	1,451.8	1,495.9	1,495.0	1,494.0	1,449.5	1,495.4	1,494.8	1,493.3	-1.5
Machinery.....	1,089.9	1,128.4	1,130.9	1,133.2	1,092.9	1,130.9	1,134.1	1,136.0	1.9
Computer and electronic products.....	1,050.8	1,068.3	1,069.2	1,073.1	1,052.5	1,070.0	1,071.1	1,074.3	3.2
Computer and peripheral equipment.....	165.1	170.3	170.7	172.3	165.0	170.5	171.0	171.8	0.8
Communications equipment.....	86.4	85.1	85.5	85.8	86.6	85.3	85.6	85.8	0.2
Semiconductors and electronic components.....	364.7	369.0	368.3	370.4	365.3	369.9	369.6	371.0	1.4
Electronic instruments.....	401.6	411.0	411.6	411.6	402.7	411.6	412.1	412.7	0.6
Miscellaneous computer and electronic products.....	33.0	32.9	33.1	33.0	32.9	32.7	32.8	33.0	0.2
Electrical equipment and appliances.....	394.0	409.0	407.9	409.6	394.2	408.5	408.7	410.1	1.4
Transportation equipment <sup>1</sup> .....	1,635.4	1,679.3	1,684.4	1,692.8	1,635.6	1,676.6	1,686.2	1,691.5	5.3
Motor vehicles and parts <sup>2</sup> .....	955.0	964.2	968.8	970.0	953.8	962.8	969.0	968.2	-0.8
Furniture and related products.....	391.1	390.7	391.3	390.8	391.7	391.3	391.2	392.0	0.8
Miscellaneous durable goods manufacturing.....	594.8	598.4	604.1	604.6	592.2	600.1	602.5	601.6	-0.9
Nondurable goods.....	4,726	4,806	4,792	4,786	4,727	4,769	4,779	4,791	12
Food manufacturing.....	1,614.8	1,667.5	1,655.2	1,647.4	1,616.5	1,640.8	1,646.8	1,651.7	4.9
Textile mills.....	111.8	111.9	111.1	112.0	111.7	111.8	111.2	111.8	0.6
Textile product mills.....	113.2	111.4	111.0	110.9	112.6	110.9	110.4	110.2	-0.2
Apparel.....	117.3	111.5	111.9	111.2	115.9	111.1	111.5	110.6	-0.9
Paper and paper products.....	369.9	378.1	377.0	378.5	370.2	379.3	378.7	379.4	0.7
Printing and related support activities.....	439.8	433.3	432.5	432.2	437.9	432.7	431.6	430.7	-0.9
Petroleum and coal products.....	115.9	119.9	119.0	114.6	115.2	116.6	116.0	114.5	-1.5
Chemicals.....	824.2	835.4	837.1	842.2	827.3	837.1	839.2	845.0	5.8
Plastics and rubber products.....	722.5	726.6	726.7	732.2	724.1	727.8	730.9	733.7	2.8
Miscellaneous nondurable goods manufacturing.....	296.7	310.4	310.5	304.5	295.6	301.0	303.0	303.8	0.8
Private service-providing.....	105,628	106,342	106,944	107,408	104,874	106,316	106,514	106,646	132
Trade, transportation, and utilities.....	28,171	27,720	27,894	28,485	27,602	27,837	27,856	27,909	53
Wholesale trade.....	5,943.6	6,010.5	6,026.6	6,040.5	5,933.3	6,007.5	6,016.8	6,026.3	9.5
Durable goods.....	2,988.5	3,037.2	3,038.6	3,048.7	2,987.9	3,036.2	3,041.4	3,047.4	6.0
Nondurable goods.....	2,060.0	2,055.5	2,065.0	2,067.3	2,052.3	2,053.3	2,054.5	2,056.7	2.2

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: Oct.2018 - Nov.2018 <sup>P</sup>
	Nov. 2017	Sept. 2018	Oct. 2018 <sup>P</sup>	Nov. 2018 <sup>P</sup>	Nov. 2017	Sept. 2018	Oct. 2018 <sup>P</sup>	Nov. 2018 <sup>P</sup>	
Wholesale trade - Continued									
Electronic markets and agents and brokers.....	895.1	917.8	923.0	924.5	893.1	918.0	920.9	922.2	1.3
Retail trade.....	16,344.1	15,773.7	15,890.9	16,354.5	15,887.0	15,899.6	15,892.5	15,910.7	18.2
Motor vehicle and parts dealers.....	2,019.4	2,044.3	2,045.8	2,039.9	2,018.5	2,037.1	2,041.3	2,038.5	-2.8
Automobile dealers.....	1,303.7	1,314.9	1,314.3	1,311.4	1,301.6	1,310.7	1,310.5	1,309.4	-1.1
Other motor vehicle dealers.....	151.1	158.7	156.9	152.5	156.1	156.8	157.9	157.2	-0.7
Auto parts, accessories, and tire stores...	564.6	570.7	574.6	576.0	560.8	569.6	572.9	571.9	-1.0
Furniture and home furnishings stores.....	497.0	478.0	488.7	502.3	479.8	484.2	485.9	484.9	-1.0
Electronics and appliance stores.....	512.2	486.4	489.7	493.0	490.2	488.5	486.5	475.6	-10.9
Building material and garden supply stores.....	1,266.7	1,278.8	1,276.7	1,270.0	1,293.9	1,303.0	1,302.8	1,302.2	-0.6
Food and beverage stores.....	3,118.7	3,089.0	3,105.9	3,130.5	3,097.5	3,099.0	3,103.6	3,106.5	2.9
Health and personal care stores.....	1,081.2	1,047.7	1,056.1	1,078.9	1,066.0	1,058.4	1,059.3	1,061.5	2.2
Gasoline stations.....	938.4	944.0	939.5	944.6	934.9	940.7	938.5	940.9	2.4
Clothing and clothing accessories stores....	1,478.8	1,327.2	1,342.2	1,452.9	1,353.4	1,353.6	1,352.0	1,337.9	-14.1
Sporting goods, hobby, book, and music stores.....	671.4	554.1	557.5	591.9	607.9	561.9	554.3	543.2	-11.1
General merchandise stores.....	3,325.0	3,102.4	3,150.0	3,380.8	3,149.0	3,147.9	3,148.1	3,187.4	39.3
Department stores.....	1,288.8	1,144.1	1,177.6	1,303.8	1,186.2	1,176.2	1,182.0	1,193.6	11.6
General merchandise stores, including warehouse clubs and supercenters.....	2,036.2	1,958.3	1,972.4	2,077.0	1,962.8	1,971.7	1,966.1	1,993.8	27.7
Miscellaneous store retailers.....	833.4	826.4	831.7	846.2	819.7	825.4	821.0	830.8	9.8
Nonstore retailers.....	601.9	595.4	607.1	623.5	576.2	599.9	599.2	601.3	2.1
Transportation and warehousing.....	5,329.9	5,385.9	5,424.6	5,537.6	5,227.5	5,378.2	5,393.9	5,419.3	25.4
Air transportation.....	497.6	506.7	505.7	502.8	499.3	505.6	505.6	504.8	-0.8
Rail transportation.....	212.6	215.6	215.6	215.6	212.4	215.2	215.0	215.0	0.0
Water transportation.....	64.7	66.4	66.0	64.4	65.4	65.2	65.5	65.2	-0.3
Truck transportation.....	1,467.3	1,507.2	1,504.3	1,503.1	1,456.7	1,488.7	1,488.5	1,493.0	4.5
Transit and ground passenger transportation.....	511.3	509.4	512.0	510.3	494.7	496.9	493.9	494.1	0.2
Pipeline transportation.....	47.9	46.9	47.0	46.2	48.0	46.8	46.9	46.4	-0.5
Scenic and sightseeing transportation.....	30.8	41.0	34.6	30.5	35.2	34.7	34.1	35.1	1.0
Support activities for transportation.....	698.2	714.5	720.5	724.1	696.9	714.3	717.6	722.8	5.2
Couriers and messengers.....	758.3	729.1	748.8	846.0	705.3	760.3	769.5	779.4	9.9
Warehousing and storage.....	1,041.2	1,049.1	1,070.1	1,094.6	1,013.6	1,050.5	1,057.3	1,063.5	6.2
Utilities.....	553.3	549.7	552.0	552.2	554.3	551.4	552.6	552.8	0.2
Information.....	2,799	2,752	2,773	2,778	2,780	2,759	2,767	2,759	-8
Publishing industries, except Internet.....	721.1	716.8	714.3	714.2	718.7	713.9	712.7	711.7	-1.0
Motion picture and sound recording industries.....	433.2	403.5	421.2	420.2	418.1	410.8	415.1	405.4	-9.7
Broadcasting, except Internet.....	265.1	264.5	263.6	264.2	263.7	262.9	262.1	262.6	0.5
Telecommunications.....	775.7	746.1	746.5	748.8	774.7	747.7	749.2	748.1	-1.1
Data processing, hosting and related services.....	320.5	325.7	328.3	328.3	320.6	327.0	328.0	329.1	1.1
Other information services.....	283.8	294.9	298.9	302.3	284.3	296.2	299.5	302.2	2.7
Financial activities.....	8,499	8,607	8,626	8,615	8,503	8,604	8,616	8,622	6
Finance and insurance.....	6,289.4	6,326.1	6,339.5	6,342.3	6,286.3	6,336.2	6,338.6	6,342.4	3.8
Monetary authorities - central bank.....	18.9	19.1	19.2	19.2	18.8	19.2	19.2	19.1	-0.1
Credit intermediation and related activities.....	2,654.0	2,661.5	2,662.8	2,655.4	2,655.4	2,664.8	2,665.2	2,658.9	-6.3
Depository credit intermediation <sup>1</sup> .....	1,712.6	1,712.0	1,713.8	1,715.0	1,716.5	1,719.0	1,720.0	1,719.3	-0.7
Commercial banking.....	1,319.9	1,313.1	1,313.3	1,313.9	1,323.2	1,319.3	1,318.7	1,318.1	-0.6
Nondepository credit intermediation.....	628.0	634.4	632.6	625.9	625.9	630.6	629.3	625.1	-4.2
Activities related to credit intermediation...	313.4	315.1	316.4	314.5	313.0	315.2	315.9	314.5	-1.4
Securities, commodity contracts, investments, and funds and trusts.....	949.2	969.1	970.9	976.0	949.0	971.5	970.3	976.6	6.3
Insurance carriers and related activities.....	2,667.3	2,676.4	2,686.6	2,691.7	2,663.1	2,680.7	2,683.9	2,687.8	3.9
Real estate and rental and leasing.....	2,209.4	2,281.2	2,286.2	2,272.8	2,216.6	2,267.8	2,276.9	2,279.1	2.2
Real estate.....	1,611.5	1,645.1	1,653.4	1,645.2	1,612.3	1,640.9	1,645.8	1,645.6	-0.2
Rental and leasing services.....	573.5	611.1	607.5	602.6	580.1	601.8	605.9	608.6	2.7

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: Oct.2018 - Nov.2018 <sup>P</sup>
	Nov. 2017	Sept. 2018	Oct. 2018 <sup>P</sup>	Nov. 2018 <sup>P</sup>	Nov. 2017	Sept. 2018	Oct. 2018 <sup>P</sup>	Nov. 2018 <sup>P</sup>	
Real estate and rental and leasing - Continued									
Lessors of nonfinancial intangible assets....	24.4	25.0	25.3	25.0	24.2	25.1	25.2	24.9	-0.3
Professional and business services.....	20,864	21,184	21,385	21,422	20,646	21,117	21,175	21,207	32
Professional and technical services.....	9,090.7	9,208.4	9,315.7	9,358.9	9,068.2	9,291.6	9,321.4	9,339.1	17.7
Legal services.....	1,138.5	1,132.4	1,141.4	1,137.7	1,135.8	1,137.9	1,138.1	1,135.7	-2.4
Accounting and bookkeeping services.....	966.4	952.7	968.7	993.3	987.3	1,013.5	1,017.0	1,015.6	-1.4
Architectural and engineering services.....	1,452.0	1,488.7	1,501.9	1,500.6	1,451.2	1,486.0	1,493.9	1,499.6	5.7
Specialized design services.....	141.0	140.0	140.1	142.1	139.2	140.0	139.0	140.0	1.0
Computer systems design and related services.....	2,073.4	2,108.7	2,140.2	2,151.6	2,060.4	2,121.5	2,131.8	2,139.4	7.6
Management and technical consulting services.....	1,436.0	1,463.2	1,484.5	1,489.7	1,419.9	1,465.7	1,470.2	1,473.8	3.6
Scientific research and development services.....	662.8	681.9	687.1	690.5	662.8	685.2	688.6	690.8	2.2
Advertising and related services.....	491.4	496.1	497.6	498.1	488.8	497.1	496.0	496.6	0.6
Other professional and technical services... ..	729.2	744.7	754.2	755.3	722.7	744.8	746.7	747.6	0.9
Management of companies and enterprises... ..	2,305.4	2,332.4	2,338.6	2,341.8	2,304.7	2,337.3	2,340.5	2,341.3	0.8
Administrative and waste services.....	9,468.0	9,643.6	9,730.4	9,721.1	9,272.8	9,488.5	9,512.8	9,527.0	14.2
Administrative and support services.....	9,052.5	9,206.6	9,293.1	9,285.5	8,856.2	9,054.1	9,076.9	9,090.5	13.6
Office administrative services.....	520.5	527.0	530.0	531.6	517.5	527.6	528.9	529.0	0.1
Facilities support services.....	155.1	159.1	159.6	157.8	154.2	157.5	158.0	157.3	-0.7
Employment services <sup>1</sup> .....	3,829.7	3,824.1	3,904.3	3,938.0	3,671.1	3,755.4	3,770.0	3,777.9	7.9
Temporary help services.....	3,144.8	3,122.3	3,199.1	3,233.2	2,999.1	3,060.1	3,076.6	3,084.9	8.3
Business support services.....	930.6	910.6	924.3	932.6	907.9	911.4	909.9	909.8	-0.1
Travel arrangement and reservation services.....	214.6	218.2	217.6	213.8	215.9	216.9	217.2	215.5	-1.7
Investigation and security services.....	930.3	952.9	950.9	952.4	922.5	944.2	944.9	946.0	1.1
Services to buildings and dwellings.....	2,144.2	2,269.0	2,258.7	2,216.4	2,136.4	2,197.3	2,205.2	2,209.6	4.4
Other support services.....	327.5	345.7	347.7	342.9	330.6	343.8	342.9	345.4	2.5
Waste management and remediation services.....	415.5	437.0	437.3	435.6	416.6	434.4	435.9	436.5	0.6
Education and health services.....	23,609	23,683	23,996	24,077	23,350	23,750	23,789	23,823	34
Educational services.....	3,894.7	3,707.5	3,900.8	3,921.4	3,696.9	3,742.6	3,736.7	3,730.3	-6.4
Health care and social assistance.....	19,713.8	19,975.5	20,094.7	20,155.9	19,653.5	20,007.6	20,052.3	20,092.4	40.1
Health care <sup>3</sup> .....	15,881.5	16,084.2	16,163.3	16,211.4	15,835.0	16,098.3	16,131.2	16,163.3	32.1
Ambulatory health care services.....	7,404.5	7,519.4	7,568.9	7,593.5	7,372.7	7,530.3	7,543.8	7,563.0	19.2
Offices of physicians.....	2,619.6	2,641.6	2,661.7	2,667.4	2,610.3	2,647.8	2,652.5	2,658.0	5.5
Offices of dentists.....	939.5	949.6	954.8	955.3	936.5	949.1	951.9	952.2	0.3
Offices of other health practitioners.....	906.9	930.8	942.9	948.5	901.8	935.9	940.9	943.3	2.4
Outpatient care centers.....	914.3	936.5	944.1	951.9	913.2	939.7	944.1	949.9	5.8
Medical and diagnostic laboratories... ..	273.6	284.8	284.3	282.3	272.6	283.7	283.4	282.5	-0.9
Home health care services.....	1,440.0	1,468.7	1,478.6	1,484.7	1,429.0	1,467.9	1,470.2	1,474.2	4.0
Other ambulatory health care services.....	310.6	307.4	302.5	303.4	309.2	306.2	300.8	302.8	2.0
Hospitals.....	5,118.9	5,201.7	5,220.2	5,238.7	5,110.2	5,202.4	5,215.5	5,228.2	12.7
Nursing and residential care facilities... ..	3,358.1	3,363.1	3,374.2	3,379.2	3,352.1	3,365.6	3,371.9	3,372.1	0.2
Nursing care facilities.....	1,626.0	1,611.0	1,615.9	1,620.5	1,621.9	1,611.7	1,614.0	1,614.9	0.9
Residential mental health facilities.....	632.7	636.4	636.8	636.1	632.6	637.3	637.2	636.3	-0.9
Community care facilities for the elderly.....	929.3	942.5	947.5	947.9	927.6	943.1	946.7	946.6	-0.1
Other residential care facilities.....	170.1	173.2	174.0	174.7	169.9	173.4	173.9	174.3	0.4
Social assistance.....	3,832.3	3,891.3	3,931.4	3,944.5	3,818.5	3,909.3	3,921.1	3,929.1	8.0
Individual and family services.....	2,369.8	2,434.1	2,457.2	2,469.3	2,366.5	2,449.5	2,458.5	2,466.8	8.3
Emergency and other relief services.....	169.6	174.3	175.4	176.7	170.3	175.1	176.2	176.9	0.7
Vocational rehabilitation services.....	344.2	346.0	348.0	347.8	343.9	346.8	348.3	347.6	-0.7
Child day care services.....	948.7	936.9	950.8	950.7	937.7	937.9	938.2	937.8	-0.4
Leisure and hospitality.....	15,877	16,531	16,384	16,157	16,176	16,373	16,429	16,444	15
Arts, entertainment, and recreation.....	2,172.2	2,413.2	2,355.6	2,230.5	2,343.7	2,369.3	2,392.0	2,393.1	1.1
Performing arts and spectator sports.....	477.4	512.5	530.4	499.0	494.0	502.5	518.3	513.8	-4.5
Museums, historical sites, and similar institutions.....	163.7	176.8	176.4	172.0	169.8	174.7	176.1	177.8	1.7

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: Oct.2018 - Nov.2018 <sup>p</sup>
	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>	
Arts, entertainment, and recreation - Continued									
Amusements, gambling, and recreation.....	1,531.1	1,723.9	1,648.8	1,559.5	1,679.9	1,692.1	1,697.6	1,701.5	3.9
Accommodation and food services.....	13,704.9	14,117.8	14,028.2	13,926.5	13,832.6	14,003.9	14,037.2	14,051.2	14.0
Accommodation.....	1,955.2	2,078.8	2,024.9	1,968.6	2,013.3	2,035.4	2,035.9	2,028.7	-7.2
Food services and drinking places.....	11,749.7	12,039.0	12,003.3	11,957.9	11,819.3	11,968.5	12,001.3	12,022.5	21.2
Other services.....	5,809	5,865	5,886	5,874	5,817	5,876	5,882	5,882	0
Repair and maintenance.....	1,312.2	1,324.1	1,327.8	1,319.3	1,316.9	1,323.5	1,325.9	1,323.8	-2.1
Personal and laundry services.....	1,507.6	1,533.8	1,543.0	1,541.5	1,505.6	1,534.1	1,538.9	1,538.4	-0.5
Membership associations and organizations...	2,989.1	3,007.0	3,015.2	3,012.8	2,994.7	3,018.2	3,017.5	3,020.0	2.5
Government.....	22,813	22,372	22,757	22,872	22,330	22,398	22,384	22,378	-6
Federal.....	2,796.0	2,802.0	2,799.0	2,802.0	2,803.0	2,799.0	2,801.0	2,804.0	3.0
Federal, except U.S. Postal Service.....	2,182.2	2,197.8	2,195.2	2,187.4	2,186.8	2,191.6	2,193.9	2,191.8	-2.1
U.S. Postal Service.....	613.3	604.3	603.7	614.6	616.2	607.2	606.6	612.6	6.0
State government.....	5,316.0	5,193.0	5,289.0	5,302.0	5,129.0	5,145.0	5,128.0	5,115.0	-13.0
State government education.....	2,655.4	2,525.8	2,629.3	2,651.2	2,462.2	2,480.2	2,461.5	2,455.3	-6.2
State government, excluding education.....	2,660.9	2,667.1	2,659.8	2,651.0	2,667.1	2,665.1	2,666.0	2,659.7	-6.3
Local government.....	14,701.0	14,377.0	14,669.0	14,768.0	14,398.0	14,454.0	14,455.0	14,459.0	4.0
Local government education.....	8,283.7	7,893.0	8,214.2	8,301.0	7,934.0	7,960.6	7,958.4	7,956.4	-2.0
Local government, excluding education.....	6,416.9	6,484.0	6,454.4	6,466.7	6,464.4	6,493.2	6,496.8	6,502.4	5.6

<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	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	34.5	34.4	34.5	34.4
Goods-producing.....	40.5	40.3	40.3	40.3
Mining and logging.....	45.5	45.8	45.8	45.8
Construction.....	39.1	38.9	38.9	38.8
Manufacturing.....	40.9	40.8	40.8	40.8
Durable goods.....	41.4	41.2	41.1	41.0
Nondurable goods.....	40.3	40.2	40.2	40.3
Private service-providing.....	33.3	33.3	33.3	33.3
Trade, transportation, and utilities.....	34.7	34.4	34.3	34.4
Wholesale trade.....	39.2	39.0	38.9	38.9
Retail trade.....	31.3	30.9	30.8	30.9
Transportation and warehousing.....	38.9	38.9	38.9	39.1
Utilities.....	42.1	42.3	42.1	42.3
Information.....	36.0	36.3	36.1	36.1
Financial activities.....	37.6	37.5	37.8	37.8
Professional and business services.....	36.1	36.1	36.1	36.1
Education and health services.....	32.9	33.0	33.0	32.9
Leisure and hospitality.....	26.1	26.0	26.1	26.0
Other services.....	31.7	31.8	31.9	31.9
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	3.5	3.5	3.5	3.5
Durable goods.....	3.4	3.5	3.5	3.5
Nondurable goods.....	3.6	3.4	3.6	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			
	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>
Total private.....	\$26.54	\$27.25	\$27.29	\$27.35	\$915.63	\$937.40	\$941.51	\$940.84
Goods-producing.....	27.77	28.39	28.40	28.48	1,124.69	1,144.12	1,144.52	1,147.74
Mining and logging.....	32.23	33.05	32.87	32.97	1,466.47	1,513.69	1,505.45	1,510.03
Construction.....	29.20	30.17	30.21	30.28	1,141.72	1,173.61	1,175.17	1,174.86
Manufacturing.....	26.72	27.11	27.12	27.20	1,092.85	1,106.09	1,106.50	1,109.76
Durable goods.....	28.02	28.52	28.53	28.66	1,160.03	1,175.02	1,172.58	1,175.06
Nondurable goods.....	24.53	24.71	24.71	24.71	988.56	993.34	993.34	995.81
Private service-providing.....	26.25	26.98	27.03	27.08	874.13	898.43	900.10	901.76
Trade, transportation, and utilities.....	22.92	23.55	23.61	23.61	795.32	810.12	809.82	812.18
Wholesale trade.....	30.19	30.77	30.76	30.72	1,183.45	1,200.03	1,196.56	1,195.01
Retail trade.....	18.25	18.90	19.00	19.03	571.23	584.01	585.20	588.03
Transportation and warehousing.....	24.12	24.43	24.46	24.45	938.27	950.33	951.49	956.00
Utilities.....	39.55	41.06	40.92	40.89	1,665.06	1,736.84	1,722.73	1,729.65
Information.....	38.57	40.32	40.55	40.72	1,388.52	1,463.62	1,463.86	1,469.99
Financial activities.....	33.72	35.04	34.97	35.17	1,267.87	1,314.00	1,321.87	1,329.43
Professional and business services.....	31.87	32.69	32.74	32.81	1,150.51	1,180.11	1,181.91	1,184.44
Education and health services.....	26.58	27.10	27.17	27.20	874.48	894.30	896.61	894.88
Leisure and hospitality.....	15.63	16.08	16.14	16.19	407.94	418.08	421.25	420.94
Other services.....	24.17	24.50	24.55	24.58	766.19	779.10	783.15	784.10

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>				
	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>	Percent change from: Oct. 2018 - Nov. 2018 <sup>p</sup>	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>	Percent change from: Oct. 2018 - Nov. 2018 <sup>p</sup>
Total private.....	108.3	109.7	110.3	110.1	-0.2	137.5	143.0	143.9	144.0	0.1
Goods-producing.....	93.4	95.4	95.7	95.8	0.1	117.3	122.5	122.8	123.3	0.4
Mining and logging.....	99.7	107.9	108.4	107.9	-0.5	129.0	143.2	143.0	142.9	-0.1
Construction.....	94.8	97.7	98.0	97.8	-0.2	120.2	128.0	128.6	128.7	0.1
Manufacturing.....	92.1	93.6	93.8	94.0	0.2	114.5	118.0	118.3	118.9	0.5
Durable goods.....	90.8	92.6	92.6	92.5	-0.1	113.0	117.3	117.3	117.8	0.4
Nondurable goods.....	95.1	95.7	95.9	96.4	0.5	118.4	120.0	120.2	120.8	0.5
Private service-providing.....	112.4	113.9	114.1	114.3	0.2	143.3	149.3	149.9	150.4	0.3
Trade, transportation, and utilities.....	104.2	104.1	103.9	104.4	0.5	128.5	132.0	132.1	132.7	0.5
Wholesale trade.....	101.5	102.2	102.1	102.3	0.2	127.9	131.3	131.1	131.1	0.0
Retail trade.....	101.0	99.8	99.4	99.9	0.5	121.9	124.7	124.9	125.6	0.6
Transportation and warehousing.....	116.4	119.7	120.1	121.3	1.0	142.5	148.4	149.1	150.5	0.9
Utilities.....	101.0	100.9	100.7	101.2	0.5	131.9	136.9	136.1	136.7	0.4
Information.....	91.4	91.5	91.2	91.0	-0.2	125.5	131.3	131.7	131.9	0.2
Financial activities.....	104.7	105.7	106.7	106.7	0.0	137.7	144.4	145.5	146.4	0.6
Professional and business services.....	117.2	119.9	120.2	120.4	0.2	151.4	158.8	159.5	160.1	0.4
Education and health services.....	125.4	128.0	128.2	128.0	-0.2	160.4	166.8	167.6	167.5	-0.1
Leisure and hospitality.....	120.5	121.5	122.3	122.0	-0.2	151.9	157.6	159.3	159.3	0.0
Other services.....	106.3	107.7	108.2	108.2	0.0	140.8	144.7	145.6	145.7	0.1

<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			
	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>
Total nonfarm.....	73,031	74,280	74,438	74,551	49.5	49.7	49.7	49.7
Total private.....	60,207	61,361	61,519	61,627	48.1	48.3	48.3	48.3
Goods-producing.....	4,452	4,621	4,639	4,658	22.0	22.2	22.3	22.3
Mining and logging.....	92	95	95	96	13.2	12.7	12.6	12.8
Construction.....	897	940	945	954	12.8	12.9	12.9	13.0
Manufacturing.....	3,463	3,586	3,599	3,608	27.7	28.1	28.2	28.2
Durable goods.....	1,828	1,897	1,904	1,910	23.5	23.8	23.8	23.8
Nondurable goods.....	1,635	1,689	1,695	1,698	34.6	35.4	35.5	35.4
Private service-providing.....	55,755	56,740	56,880	56,969	53.2	53.4	53.4	53.4
Trade, transportation, and utilities.....	11,056	11,164	11,162	11,197	40.1	40.1	40.1	40.1
Wholesale trade.....	1,752.2	1,794.9	1,803.0	1,811.8	29.5	29.9	30.0	30.1
Retail trade.....	7,892.4	7,909.2	7,892.3	7,912.7	49.7	49.7	49.7	49.7
Transportation and warehousing.....	1,283.6	1,330.8	1,337.9	1,343.3	24.6	24.7	24.8	24.8
Utilities.....	127.6	128.7	128.7	129.2	23.0	23.3	23.3	23.4
Information.....	1,096	1,088	1,092	1,087	39.4	39.4	39.5	39.4
Financial activities.....	4,800	4,850	4,863	4,856	56.5	56.4	56.4	56.3
Professional and business services.....	9,313	9,558	9,613	9,614	45.1	45.3	45.4	45.3
Education and health services.....	17,964	18,323	18,354	18,396	76.9	77.1	77.2	77.2
Leisure and hospitality.....	8,447	8,628	8,661	8,681	52.2	52.7	52.7	52.8
Other services.....	3,079	3,129	3,135	3,138	52.9	53.3	53.3	53.3
Government.....	12,824	12,919	12,919	12,924	57.4	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	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>
Total private.....	103,119	104,697	104,899	104,974
Goods-producing.....	14,559	14,907	14,947	14,945
Mining and logging.....	511	555	562	557
Construction.....	5,255	5,411	5,423	5,413
Manufacturing.....	8,793	8,941	8,962	8,975
Durable goods.....	5,348	5,493	5,506	5,516
Nondurable goods.....	3,445	3,448	3,456	3,459
Private service-providing.....	88,560	89,790	89,952	90,029
Trade, transportation, and utilities.....	23,307	23,540	23,553	23,591
Wholesale trade.....	4,757.3	4,820.5	4,826.2	4,837.0
Retail trade.....	13,550.0	13,592.7	13,579.2	13,583.8
Transportation and warehousing.....	4,553.7	4,684.8	4,703.9	4,727.2
Utilities.....	445.5	442.1	443.7	443.3
Information.....	2,235	2,221	2,229	2,228
Financial activities.....	6,609	6,668	6,682	6,675
Professional and business services.....	16,840	17,236	17,290	17,307
Education and health services.....	20,511	20,860	20,884	20,898
Leisure and hospitality.....	14,250	14,398	14,441	14,455
Other services.....	4,808	4,867	4,873	4,875

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

Industry	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	33.7	33.7	33.7	33.7
Goods-producing.....	41.3	41.3	41.3	41.1
Mining and logging.....	46.6	46.2	46.3	45.7
Construction.....	39.6	39.6	39.5	39.3
Manufacturing.....	41.9	42.1	42.0	41.9
Durable goods.....	42.3	42.4	42.4	42.2
Nondurable goods.....	41.4	41.6	41.4	41.5
Private service-providing.....	32.5	32.4	32.4	32.5
Trade, transportation, and utilities.....	34.0	33.9	33.9	33.9
Wholesale trade.....	39.2	38.8	38.8	38.9
Retail trade.....	30.4	30.4	30.3	30.4
Transportation and warehousing.....	38.4	38.2	38.2	38.2
Utilities.....	42.5	42.7	42.6	42.9
Information.....	35.6	35.6	35.5	35.5
Financial activities.....	36.9	37.0	37.1	37.1
Professional and business services.....	35.4	35.2	35.3	35.3
Education and health services.....	32.3	32.2	32.2	32.2
Leisure and hospitality.....	24.9	24.8	24.9	24.9
Other services.....	30.7	30.8	30.9	31.0
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	4.5	4.5	4.5	4.5
Durable goods.....	4.5	4.6	4.7	4.7
Nondurable goods.....	4.5	4.3	4.3	4.3

<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>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			
	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>
Total private.....	\$22.23	\$22.82	\$22.88	\$22.95	\$749.15	\$769.03	\$771.06	\$773.42
Goods-producing.....	23.41	24.10	24.19	24.26	966.83	995.33	999.05	997.09
Mining and logging.....	27.47	28.88	28.84	28.96	1,280.10	1,334.26	1,335.29	1,323.47
Construction.....	26.99	27.91	28.03	28.12	1,068.80	1,105.24	1,107.19	1,105.12
Manufacturing.....	21.12	21.60	21.68	21.77	884.93	909.36	910.56	912.16
Durable goods.....	22.11	22.59	22.63	22.71	935.25	957.82	959.51	958.36
Nondurable goods.....	19.56	20.00	20.15	20.23	809.78	832.00	834.21	839.55
Private service-providing.....	21.99	22.55	22.60	22.67	714.68	730.62	732.24	736.78
Trade, transportation, and utilities.....	19.50	20.08	20.14	20.22	663.00	680.71	682.75	685.46
Wholesale trade.....	24.82	25.50	25.50	25.46	972.94	989.40	989.40	990.39
Retail trade.....	15.45	16.02	16.08	16.15	469.68	487.01	487.22	490.96
Transportation and warehousing.....	21.56	22.02	22.09	22.27	827.90	841.16	843.84	850.71
Utilities.....	36.10	37.07	36.95	37.24	1,534.25	1,582.89	1,574.07	1,597.60
Information.....	31.03	32.19	32.34	32.47	1,104.67	1,145.96	1,148.07	1,152.69
Financial activities.....	26.65	27.01	26.97	27.07	983.39	999.37	1,000.59	1,004.30
Professional and business services.....	26.22	26.91	26.95	27.03	928.19	947.23	951.34	954.16
Education and health services.....	23.23	23.73	23.78	23.85	750.33	764.11	765.72	767.97
Leisure and hospitality.....	13.52	14.00	14.06	14.11	336.65	347.20	350.09	351.34
Other services.....	20.41	20.73	20.77	20.80	626.59	638.48	641.79	644.80

<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>				
	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>	Percent change from: Oct. 2018 - Nov. 2018 <sup>p</sup>	Nov. 2017	Sept. 2018	Oct. 2018 <sup>p</sup>	Nov. 2018 <sup>p</sup>	Percent change from: Oct. 2018 - Nov. 2018 <sup>p</sup>
Total private.....	115.8	117.6	117.8	117.9	0.1	172.0	179.3	180.1	180.8	0.4
Goods-producing.....	91.9	94.1	94.3	93.9	-0.4	131.7	138.8	139.7	139.4	-0.2
Mining and logging.....	126.5	136.3	138.3	135.3	-2.2	202.2	228.9	231.9	227.8	-1.8
Construction.....	104.2	107.3	107.3	106.5	-0.7	151.9	161.7	162.3	161.7	-0.4
Manufacturing.....	84.6	86.4	86.4	86.3	-0.1	116.8	122.1	122.5	122.9	0.3
Durable goods.....	85.0	87.5	87.7	87.5	-0.2	117.4	123.4	124.0	124.0	0.0
Nondurable goods.....	84.0	84.5	84.3	84.6	0.4	116.2	119.4	120.0	120.9	0.8
Private service-providing.....	122.6	123.9	124.1	124.6	0.4	184.8	191.6	192.3	193.7	0.7
Trade, transportation, and utilities.....	110.5	111.2	111.3	111.5	0.2	153.7	159.4	159.9	160.8	0.6
Wholesale trade.....	109.8	110.1	110.3	110.8	0.5	160.6	165.5	165.7	166.2	0.3
Retail trade.....	104.3	104.6	104.1	104.5	0.4	138.1	143.6	143.5	144.7	0.8
Transportation and warehousing.....	131.6	134.7	135.3	135.9	0.4	180.0	188.2	189.5	192.0	1.3
Utilities.....	96.8	96.5	96.7	97.3	0.6	145.9	149.4	149.1	151.2	1.4
Information.....	90.8	90.2	90.3	90.3	0.0	139.5	143.8	144.6	145.1	0.3
Financial activities.....	114.8	116.1	116.7	116.6	-0.1	188.2	193.0	193.6	194.2	0.3
Professional and business services.....	133.6	136.0	136.8	136.9	0.1	208.5	217.7	219.4	220.2	0.4
Education and health services.....	141.3	143.2	143.4	143.5	0.1	216.6	224.3	225.0	225.9	0.4
Leisure and hospitality.....	130.0	130.8	131.7	131.8	0.1	199.6	207.9	210.3	211.3	0.5
Other services.....	103.5	105.1	105.6	106.0	0.4	153.9	158.8	159.8	160.6	0.5

<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.

p Preliminary

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