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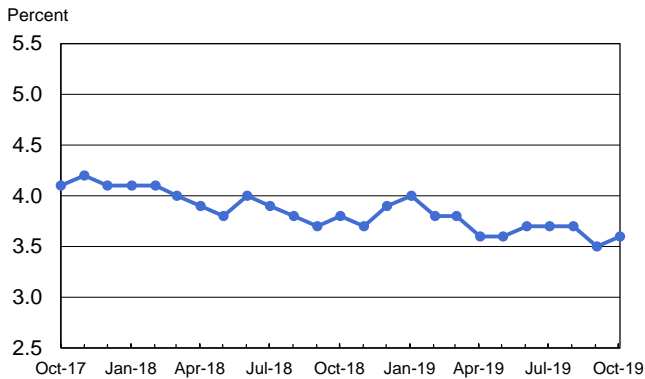
Household data: (202) 691-6378 • cpsinfo@bls.gov • www.bls.gov/cps  
 Establishment data: (202) 691-6555 • cesinfo@bls.gov • www.bls.gov/ces

Media contact: (202) 691-5902 • PressOffice@bls.gov

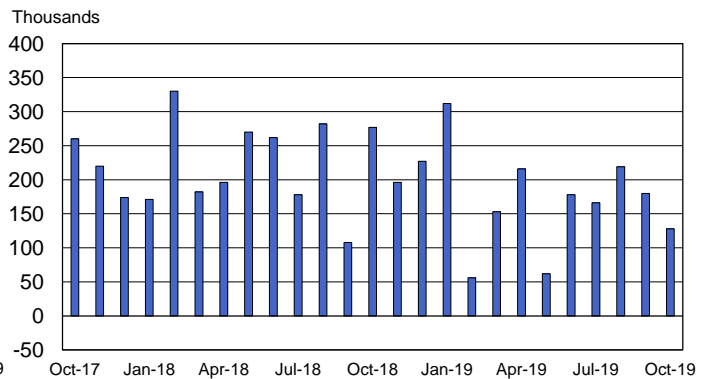
**THE EMPLOYMENT SITUATION — OCTOBER 2019**

Total **nonfarm payroll employment** rose by 128,000 in October, and the **unemployment rate** was little changed at 3.6 percent, the U.S. Bureau of Labor Statistics reported today. Notable job gains occurred in food services and drinking places, social assistance, and financial activities. Within manufacturing, employment in motor vehicles and parts decreased due to strike activity. Federal government employment was down, reflecting a drop in the number of temporary jobs for the 2020 Census.

**Chart 1. Unemployment rate, seasonally adjusted, October 2017 – October 2019**



**Chart 2. Nonfarm payroll employment over-the-month change, seasonally adjusted, October 2017 – October 2019**



This news release presents statistics from two monthly surveys. The household survey measures labor force status, including unemployment, by demographic characteristics. The establishment survey measures nonfarm employment, hours, and earnings by industry. For more information about the concepts and statistical methodology used in these two surveys, see the Technical Note.

**Household Survey Data**

Both the **unemployment rate**, at 3.6 percent, and the number of **unemployed persons**, at 5.9 million, changed little in October. (See table A-1.)

Among the **major worker groups**, the unemployment rates for adult men (3.2 percent), adult women (3.2 percent), teenagers (12.3 percent), Whites (3.2 percent), Blacks (5.4 percent), Asians (2.9 percent), and Hispanics (4.1 percent) showed little or no change in October. (See tables A-1, A-2, and A-3.)

The number of **long-term unemployed** (those jobless for 27 weeks or more) was essentially unchanged at 1.3 million in October and accounted for 21.5 percent of the unemployed. (See table A-12.)

The **labor force participation rate** was little changed at 63.3 percent in October, and the **employment-population ratio** held at 61.0 percent. Both measures were up by 0.4 percentage point over the year. (See table A-1.)

The number of persons employed **part time for economic reasons**, at 4.4 million, changed little in October. 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 October, 1.2 million persons were **marginally attached to the labor force**, down by 262,000 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 341,000 **discouraged workers** in October, down by 165,000 from a year earlier. (Data are not seasonally adjusted.) Discouraged workers are persons not currently looking for work because they believe no jobs are available for them. The remaining 888,000 persons marginally attached to the labor force in October 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 128,000 in October. Job growth has averaged 167,000 per month thus far in 2019, compared with an average monthly gain of 223,000 in 2018. In October, notable job gains occurred in food services and drinking places, social assistance, and financial activities. Employment declined in motor vehicles and parts manufacturing due to strike activity. Federal government employment also was down, reflecting a drop in the number of temporary jobs for the 2020 Census. (See table B-1.)

In October, **food services and drinking places** added 48,000 jobs. Job growth in the industry has averaged 38,000 over the past 3 months, compared with an average monthly gain of 16,000 in the first 7 months of 2019.

Employment in **social assistance** increased by 20,000 in October and by 139,000 over the last 12 months. Most of the gain occurred in individual and family services, which added 17,000 jobs over the month and 111,000 over the year.

In October, employment in **financial activities** rose by 16,000, with gains in real estate and rental and leasing (+10,000) and in credit intermediation and related activities (+6,000). Financial activities has added 108,000 jobs over the last 12 months.

Employment in **professional and business services** continued to trend up in October (+22,000). The industry has added an average of 33,000 jobs per month thus far in 2019, compared with an average gain of 47,000 jobs per month in 2018.

**Health care** employment continued on an upward trend in October (+15,000). Health care has added 402,000 jobs over the last 12 months.

**Manufacturing** employment decreased by 36,000 in October. Within manufacturing, employment in motor vehicles and parts declined by 42,000, reflecting strike activity.

**Federal government** employment was down by 17,000 over the month, as 20,000 temporary workers who had been preparing for the 2020 Census completed their work.

Employment in other major industries—including **mining, construction, wholesale trade, retail trade, transportation and warehousing, and information**—showed little change over the month.

In October, **average hourly earnings for all employees** on private nonfarm payrolls rose by 6 cents to \$28.18. Over the past 12 months, average hourly earnings have increased by 3.0 percent. In October, average hourly earnings of private-sector **production and nonsupervisory employees** rose by 4 cents to \$23.70. (See tables B-3 and B-8.)

The **average workweek for all employees** on private nonfarm payrolls was unchanged at 34.4 hours in October. In manufacturing, the average workweek decreased by 0.2 hour to 40.3 hours, while overtime was unchanged at 3.2 hours. The average workweek of private-sector **production and nonsupervisory employees** held at 33.6 hours. (See tables B-2 and B-7.)

The change in total nonfarm payroll employment for August was revised up by 51,000 from +168,000 to +219,000, and the change for September was revised up by 44,000 from +136,000 to +180,000. With these revisions, employment gains in August and September combined were 95,000 more than previously reported. (Monthly revisions result from additional reports received from businesses and government agencies since the last published estimates and from the recalculation of seasonal factors.) After revisions, job gains have averaged 176,000 over the last 3 months.

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**The Employment Situation for November is scheduled to be released on Friday, December 6, 2019, at 8:30 a.m. (EST).**

# HOUSEHOLD DATA

## Summary table A. Household data, seasonally adjusted

[Numbers in thousands]

Category	Oct. 2018	Aug. 2019	Sept. 2019	Oct. 2019	Change from: Sept. 2019- Oct. 2019
<b>Employment status</b>					
Civilian noninstitutional population.....	258,514	259,432	259,638	259,845	207
Civilian labor force.....	162,694	163,922	164,039	164,364	325
Participation rate.....	62.9	63.2	63.2	63.3	0.1
Employed.....	156,582	157,878	158,269	158,510	241
Employment-population ratio.....	60.6	60.9	61.0	61.0	0.0
Unemployed.....	6,112	6,044	5,769	5,855	86
Unemployment rate.....	3.8	3.7	3.5	3.6	0.1
Not in labor force.....	95,821	95,510	95,599	95,481	-118
<b>Unemployment rates</b>					
Total, 16 years and over.....	3.8	3.7	3.5	3.6	0.1
Adult men (20 years and over).....	3.5	3.4	3.2	3.2	0.0
Adult women (20 years and over).....	3.4	3.3	3.1	3.2	0.1
Teenagers (16 to 19 years).....	12.0	12.6	12.5	12.3	-0.2
White.....	3.3	3.4	3.2	3.2	0.0
Black or African American.....	6.2	5.5	5.5	5.4	-0.1
Asian.....	3.1	2.8	2.5	2.9	0.4
Hispanic or Latino ethnicity.....	4.4	4.2	3.9	4.1	0.2
Total, 25 years and over.....	3.1	2.9	2.8	2.9	0.1
Less than a high school diploma.....	5.9	5.4	4.8	5.6	0.8
High school graduates, no college.....	4.0	3.6	3.6	3.7	0.1
Some college or associate degree.....	3.0	3.1	2.9	2.9	0.0
Bachelor's degree and higher.....	2.0	2.1	2.0	2.1	0.1
<b>Reason for unemployment</b>					
Job losers and persons who completed temporary jobs.....	2,858	2,876	2,572	2,674	102
Job leavers.....	731	781	840	849	9
Reentrants.....	1,914	1,801	1,669	1,703	34
New entrants.....	605	574	677	627	-50
<b>Duration of unemployment</b>					
Less than 5 weeks.....	2,062	2,207	1,868	1,968	100
5 to 14 weeks.....	1,845	1,757	1,781	1,749	-32
15 to 26 weeks.....	859	835	819	899	80
27 weeks and over.....	1,370	1,243	1,314	1,264	-50
<b>Employed persons at work part time</b>					
Part time for economic reasons.....	4,630	4,381	4,350	4,438	88
Slack work or business conditions.....	2,837	2,678	2,588	2,754	166
Could only find part-time work.....	1,461	1,351	1,322	1,287	-35
Part time for noneconomic reasons.....	21,448	21,697	21,573	21,549	-24
<b>Persons not in the labor force (not seasonally adjusted)</b>					
Marginally attached to the labor force.....	1,491	1,564	1,299	1,229	-
Discouraged workers.....	506	467	321	341	-

- 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	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>
<b>EMPLOYMENT BY SELECTED INDUSTRY</b> (Over-the-month change, in thousands)				
Total nonfarm.....	277	219	180	128
Total private.....	285	163	167	131
Goods-producing.....	60	4	7	-26
Mining and logging.....	6	-5	1	0
Construction.....	25	7	11	10
Manufacturing.....	29	2	-5	-36
Durable goods <sup>1</sup> .....	19	-2	-6	-41
Motor vehicles and parts.....	7.1	-2.6	-3.5	-41.6
Nondurable goods.....	10	4	1	5
Private service-providing.....	225	159	160	157
Wholesale trade.....	6.7	2.4	7.1	10.8
Retail trade.....	-9.9	-1.3	6.7	6.1
Transportation and warehousing.....	24.3	-7.6	6.3	9.9
Utilities.....	1.4	-0.9	-1.3	-1.4
Information.....	10	-4	4	-4
Financial activities.....	14	17	8	16
Professional and business services <sup>1</sup> .....	55	38	37	22
Temporary help services.....	14.3	9.5	20.1	-8.1
Education and health services <sup>1</sup> .....	37	63	49	39
Health care and social assistance.....	46.7	54.8	44.8	34.2
Leisure and hospitality.....	79	48	45	61
Other services.....	7	5	-2	-3
Government.....	-8	56	13	-3
<b>(3-month average change, in thousands)</b>				
Total nonfarm.....	222	188	188	176
Total private.....	213	149	151	154
<b>WOMEN AND PRODUCTION AND NONSUPERVISORY EMPLOYEES</b> AS A PERCENT OF ALL EMPLOYEES <sup>2</sup>				
Total nonfarm women employees.....	49.7	49.9	49.9	49.9
Total private women employees.....	48.3	48.5	48.6	48.6
Total private production and nonsupervisory employees.....	82.4	82.3	82.3	82.2
<b>HOURS AND EARNINGS</b> ALL EMPLOYEES				
<b>Total private</b>				
Average weekly hours.....	34.5	34.4	34.4	34.4
Average hourly earnings.....	\$27.35	\$28.11	\$28.12	\$28.18
Average weekly earnings.....	\$943.58	\$966.98	\$967.33	\$969.39
Index of aggregate weekly hours (2007=100) <sup>3</sup> .....	110.3	111.4	111.5	111.6
Over-the-month percent change.....	0.3	0.5	0.1	0.1
Index of aggregate weekly payrolls (2007=100) <sup>4</sup> .....	144.2	149.7	149.9	150.4
Over-the-month percent change.....	0.4	0.9	0.1	0.3
<b>DIFFUSION INDEX</b> (Over 1-month span) <sup>5</sup>				
Total private (258 industries).....	67.4	55.8	55.4	55.4
Manufacturing (76 industries).....	59.9	48.7	40.8	43.4

<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 2018 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 142,000 businesses and government agencies, representing approximately 689,000 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 worked or 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 110,000. 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 -60,000 to +160,000 (50,000 +/- 110,000). 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>					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
<b>TOTAL</b>									
Civilian noninstitutional population.....	258,514	259,638	259,845	258,514	259,037	259,225	259,432	259,638	259,845
Civilian labor force.....	162,723	163,943	164,576	162,694	162,981	163,351	163,922	164,039	164,364
Participation rate.....	62.9	63.1	63.3	62.9	62.9	63.0	63.2	63.2	63.3
Employed.....	156,952	158,478	159,067	156,582	157,005	157,288	157,878	158,269	158,510
Employment-population ratio.....	60.7	61.0	61.2	60.6	60.6	60.7	60.9	61.0	61.0
Unemployed.....	5,771	5,465	5,510	6,112	5,975	6,063	6,044	5,769	5,855
Unemployment rate.....	3.5	3.3	3.3	3.8	3.7	3.7	3.7	3.5	3.6
Not in labor force.....	95,792	95,694	95,269	95,821	96,057	95,874	95,510	95,599	95,481
Persons who currently want a job.....	5,048	4,637	4,412	5,333	5,322	5,043	5,150	4,880	4,753
<b>Men, 16 years and over</b>									
Civilian noninstitutional population.....	125,041	125,583	125,687	125,041	125,285	125,378	125,481	125,583	125,687
Civilian labor force.....	86,081	86,729	86,824	86,146	86,479	86,805	86,832	86,839	86,884
Participation rate.....	68.8	69.1	69.1	68.9	69.0	69.2	69.2	69.1	69.1
Employed.....	83,052	83,862	83,918	82,894	83,293	83,584	83,600	83,732	83,753
Employment-population ratio.....	66.4	66.8	66.8	66.3	66.5	66.7	66.6	66.7	66.6
Unemployed.....	3,029	2,867	2,906	3,252	3,185	3,221	3,233	3,107	3,132
Unemployment rate.....	3.5	3.3	3.3	3.8	3.7	3.7	3.7	3.6	3.6
Not in labor force.....	38,960	38,855	38,863	38,895	38,806	38,573	38,649	38,744	38,802
<b>Men, 20 years and over</b>									
Civilian noninstitutional population.....	116,546	117,140	117,242	116,546	116,843	116,939	117,040	117,140	117,242
Civilian labor force.....	83,332	83,837	83,967	83,277	83,501	83,794	83,868	83,829	83,902
Participation rate.....	71.5	71.6	71.6	71.5	71.5	71.7	71.7	71.6	71.6
Employed.....	80,637	81,348	81,433	80,388	80,718	80,981	81,039	81,135	81,181
Employment-population ratio.....	69.2	69.4	69.5	69.0	69.1	69.3	69.2	69.3	69.2
Unemployed.....	2,694	2,488	2,534	2,889	2,783	2,814	2,830	2,694	2,721
Unemployment rate.....	3.2	3.0	3.0	3.5	3.3	3.4	3.4	3.2	3.2
Not in labor force.....	33,215	33,304	33,275	33,269	33,341	33,144	33,171	33,311	33,340
<b>Women, 16 years and over</b>									
Civilian noninstitutional population.....	133,474	134,054	134,158	133,474	133,753	133,847	133,951	134,054	134,158
Civilian labor force.....	76,642	77,214	77,752	76,548	76,502	76,546	77,090	77,199	77,480
Participation rate.....	57.4	57.6	58.0	57.4	57.2	57.2	57.6	57.6	57.8
Employed.....	73,900	74,616	75,149	73,688	73,712	73,705	74,278	74,537	74,757
Employment-population ratio.....	55.4	55.7	56.0	55.2	55.1	55.1	55.5	55.6	55.7
Unemployed.....	2,742	2,598	2,603	2,860	2,790	2,841	2,812	2,662	2,723
Unemployment rate.....	3.6	3.4	3.3	3.7	3.6	3.7	3.6	3.4	3.5
Not in labor force.....	56,832	56,840	56,406	56,926	57,251	57,301	56,861	56,855	56,678
<b>Women, 20 years and over</b>									
Civilian noninstitutional population.....	125,200	125,806	125,907	125,200	125,509	125,604	125,705	125,806	125,907
Civilian labor force.....	73,683	74,501	74,891	73,442	73,579	73,548	74,123	74,314	74,517
Participation rate.....	58.9	59.2	59.5	58.7	58.6	58.6	59.0	59.1	59.2
Employed.....	71,270	72,204	72,584	70,935	71,139	71,069	71,655	71,974	72,112
Employment-population ratio.....	56.9	57.4	57.6	56.7	56.7	56.6	57.0	57.2	57.3
Unemployed.....	2,412	2,297	2,307	2,507	2,441	2,479	2,468	2,340	2,405
Unemployment rate.....	3.3	3.1	3.1	3.4	3.3	3.4	3.3	3.1	3.2
Not in labor force.....	51,517	51,304	51,016	51,757	51,929	52,057	51,582	51,491	51,390
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population.....	16,768	16,691	16,696	16,768	16,686	16,682	16,687	16,691	16,696
Civilian labor force.....	5,708	5,605	5,718	5,974	5,900	6,009	5,931	5,895	5,946
Participation rate.....	34.0	33.6	34.2	35.6	35.4	36.0	35.5	35.3	35.6
Employed.....	5,045	4,926	5,050	5,258	5,148	5,239	5,184	5,160	5,217
Employment-population ratio.....	30.1	29.5	30.2	31.4	30.9	31.4	31.1	30.9	31.2
Unemployed.....	664	680	668	715	751	770	747	735	729
Unemployment rate.....	11.6	12.1	11.7	12.0	12.7	12.8	12.6	12.5	12.3
Not in labor force.....	11,060	11,086	10,978	10,795	10,786	10,673	10,756	10,796	10,750

<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>					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
<b>WHITE</b>									
Civilian noninstitutional population.....	200,596	201,062	201,172	200,596	200,746	200,843	200,953	201,062	201,172
Civilian labor force.....	126,018	126,928	127,165	126,100	126,244	126,345	126,765	127,053	127,114
Participation rate.....	62.8	63.1	63.2	62.9	62.9	62.9	63.1	63.2	63.2
Employed.....	122,170	123,055	123,402	121,923	122,125	122,144	122,471	122,972	123,012
Employment-population ratio.....	60.9	61.2	61.3	60.8	60.8	60.8	60.9	61.2	61.1
Unemployed.....	3,848	3,873	3,763	4,177	4,119	4,201	4,293	4,081	4,102
Unemployment rate.....	3.1	3.1	3.0	3.3	3.3	3.3	3.4	3.2	3.2
Not in labor force.....	74,578	74,133	74,007	74,496	74,502	74,498	74,188	74,008	74,058
<b>Men, 20 years and over</b>									
Civilian labor force.....	65,737	66,100	66,081	65,771	65,928	65,994	66,066	66,134	66,119
Participation rate.....	71.6	71.8	71.7	71.6	71.7	71.7	71.8	71.8	71.7
Employed.....	63,933	64,380	64,316	63,785	64,009	64,005	64,094	64,246	64,168
Employment-population ratio.....	69.6	69.9	69.8	69.4	69.6	69.6	69.6	69.7	69.6
Unemployed.....	1,803	1,720	1,765	1,986	1,919	1,989	1,972	1,888	1,951
Unemployment rate.....	2.7	2.6	2.7	3.0	2.9	3.0	3.0	2.9	3.0
<b>Women, 20 years and over</b>									
Civilian labor force.....	55,941	56,449	56,682	55,778	55,704	55,663	56,063	56,356	56,394
Participation rate.....	58.0	58.4	58.6	57.8	57.7	57.6	58.0	58.3	58.3
Employed.....	54,325	54,807	55,143	54,062	53,993	53,988	54,286	54,707	54,750
Employment-population ratio.....	56.3	56.7	57.0	56.1	55.9	55.9	56.2	56.6	56.6
Unemployed.....	1,615	1,643	1,539	1,716	1,711	1,675	1,776	1,649	1,644
Unemployment rate.....	2.9	2.9	2.7	3.1	3.1	3.0	3.2	2.9	2.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	4,341	4,379	4,402	4,551	4,612	4,687	4,636	4,563	4,601
Participation rate.....	35.3	35.8	36.0	37.0	37.7	38.3	37.9	37.3	37.6
Employed.....	3,911	3,868	3,943	4,076	4,123	4,151	4,091	4,019	4,093
Employment-population ratio.....	31.8	31.6	32.2	33.1	33.7	33.9	33.4	32.8	33.4
Unemployed.....	429	511	460	476	489	536	545	545	508
Unemployment rate.....	9.9	11.7	10.4	10.5	10.6	11.4	11.8	11.9	11.0
<b>BLACK OR AFRICAN AMERICAN</b>									
Civilian noninstitutional population.....	32,887	33,116	33,152	32,887	33,014	33,045	33,081	33,116	33,152
Civilian labor force.....	20,706	20,656	20,834	20,564	20,430	20,714	20,588	20,669	20,682
Participation rate.....	63.0	62.4	62.8	62.5	61.9	62.7	62.2	62.4	62.4
Employed.....	19,397	19,611	19,695	19,290	19,199	19,481	19,463	19,540	19,559
Employment-population ratio.....	59.0	59.2	59.4	58.7	58.2	59.0	58.8	59.0	59.0
Unemployed.....	1,309	1,045	1,139	1,274	1,231	1,233	1,125	1,129	1,123
Unemployment rate.....	6.3	5.1	5.5	6.2	6.0	6.0	5.5	5.5	5.4
Not in labor force.....	12,181	12,460	12,317	12,323	12,584	12,331	12,492	12,447	12,470
<b>Men, 20 years and over</b>									
Civilian labor force.....	9,477	9,509	9,552	9,400	9,303	9,502	9,490	9,490	9,484
Participation rate.....	68.7	68.3	68.5	68.2	67.1	68.4	68.3	68.2	68.0
Employed.....	8,862	9,032	9,068	8,814	8,768	8,953	8,931	8,975	9,005
Employment-population ratio.....	64.3	64.9	65.0	63.9	63.2	64.5	64.2	64.5	64.6
Unemployed.....	615	477	484	586	535	549	559	515	480
Unemployment rate.....	6.5	5.0	5.1	6.2	5.8	5.8	5.9	5.4	5.1
<b>Women, 20 years and over</b>									
Civilian labor force.....	10,415	10,480	10,567	10,327	10,396	10,421	10,379	10,460	10,471
Participation rate.....	62.7	62.6	63.1	62.2	62.3	62.4	62.1	62.5	62.5
Employed.....	9,892	10,024	10,039	9,825	9,846	9,877	9,926	9,978	9,967
Employment-population ratio.....	59.6	59.9	59.9	59.2	59.0	59.2	59.4	59.6	59.5
Unemployed.....	523	456	528	501	550	544	453	482	503
Unemployment rate.....	5.0	4.3	5.0	4.9	5.3	5.2	4.4	4.6	4.8
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	815	668	715	837	731	790	719	719	726
Participation rate.....	32.7	27.2	29.1	33.6	29.7	32.1	29.2	29.3	29.6
Employed.....	643	556	588	650	586	650	605	587	587
Employment-population ratio.....	25.8	22.6	23.9	26.1	23.8	26.4	24.6	23.9	23.9
Unemployed.....	172	112	127	187	145	140	113	132	139
Unemployment rate.....	21.1	16.8	17.8	22.4	19.9	17.7	15.7	18.3	19.2

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>					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
<b>ASIAN</b>									
Civilian noninstitutional population.....	16,030	16,400	16,399	16,030	16,557	16,399	16,433	16,400	16,399
Civilian labor force.....	10,213	10,518	10,669	10,280	10,526	10,449	10,524	10,519	10,721
Participation rate.....	63.7	64.1	65.1	64.1	63.6	63.7	64.0	64.1	65.4
Employed.....	9,899	10,261	10,371	9,956	10,303	10,160	10,225	10,260	10,416
Employment-population ratio.....	61.8	62.6	63.2	62.1	62.2	62.0	62.2	62.6	63.5
Unemployed.....	314	257	298	324	222	289	299	258	306
Unemployment rate.....	3.1	2.4	2.8	3.1	2.1	2.8	2.8	2.5	2.9
Not in labor force.....	5,817	5,881	5,730	5,750	6,032	5,950	5,909	5,881	5,678

<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>					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
<b>HISPANIC OR LATINO ETHNICITY</b>									
Civilian noninstitutional population.....	43,054	43,722	43,814	43,054	43,453	43,537	43,630	43,722	43,814
Civilian labor force.....	28,512	29,258	29,542	28,513	28,855	28,896	29,082	29,287	29,486
Participation rate.....	66.2	66.9	67.4	66.2	66.4	66.4	66.7	67.0	67.3
Employed.....	27,343	28,210	28,419	27,266	27,602	27,581	27,866	28,152	28,282
Employment-population ratio.....	63.5	64.5	64.9	63.3	63.5	63.4	63.9	64.4	64.6
Unemployed.....	1,169	1,048	1,123	1,248	1,253	1,314	1,216	1,135	1,204
Unemployment rate.....	4.1	3.6	3.8	4.4	4.3	4.5	4.2	3.9	4.1
Not in labor force.....	14,542	14,464	14,272	14,541	14,599	14,642	14,548	14,435	14,328
<b>Men, 20 years and over</b>									
Civilian labor force.....	15,442	15,783	15,858	15,448	15,659	15,651	15,718	15,791	15,841
Participation rate.....	79.4	80.0	80.2	79.5	79.8	79.6	79.8	80.0	80.1
Employed.....	14,898	15,390	15,377	14,854	15,093	15,017	15,186	15,320	15,307
Employment-population ratio.....	76.6	78.0	77.7	76.4	76.9	76.4	77.1	77.6	77.4
Unemployed.....	544	393	481	594	566	634	532	471	533
Unemployment rate.....	3.5	2.5	3.0	3.8	3.6	4.0	3.4	3.0	3.4
<b>Women, 20 years and over</b>									
Civilian labor force.....	11,778	12,210	12,376	11,767	11,885	11,929	12,113	12,191	12,327
Participation rate.....	59.9	61.1	61.8	59.9	59.9	60.0	60.8	61.0	61.6
Employed.....	11,305	11,737	11,922	11,266	11,382	11,480	11,604	11,724	11,844
Employment-population ratio.....	57.5	58.8	59.5	57.3	57.3	57.7	58.2	58.7	59.2
Unemployed.....	472	472	455	501	503	449	509	467	483
Unemployment rate.....	4.0	3.9	3.7	4.3	4.2	3.8	4.2	3.8	3.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	1,293	1,265	1,307	1,298	1,310	1,316	1,251	1,305	1,318
Participation rate.....	32.6	31.6	32.6	32.8	32.9	33.0	31.3	32.6	32.9
Employed.....	1,140	1,083	1,121	1,145	1,126	1,084	1,076	1,108	1,130
Employment-population ratio.....	28.8	27.0	27.9	28.9	28.3	27.2	26.9	27.7	28.2
Unemployed.....	152	182	187	153	184	232	175	197	188
Unemployment rate.....	11.8	14.4	14.3	11.8	14.0	17.6	14.0	15.1	14.3

<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					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
<b>Less than a high school diploma</b>									
Civilian labor force.....	10,078	10,008	9,588	10,268	10,025	9,975	10,032	9,929	9,786
Participation rate.....	46.9	46.3	46.3	47.8	45.4	47.1	47.1	46.0	47.2
Employed.....	9,567	9,608	9,137	9,658	9,489	9,466	9,490	9,448	9,242
Employment-population ratio.....	44.5	44.5	44.1	44.9	43.0	44.7	44.6	43.7	44.6
Unemployed.....	510	400	452	610	536	509	542	480	544
Unemployment rate.....	5.1	4.0	4.7	5.9	5.3	5.1	5.4	4.8	5.6
<b>High school graduates, no college<sup>1</sup></b>									
Civilian labor force.....	36,254	36,701	36,439	36,103	36,120	36,286	36,318	36,313	36,270
Participation rate.....	57.8	58.4	58.0	57.6	57.8	57.5	57.3	57.8	57.8
Employed.....	34,879	35,474	35,160	34,650	34,715	34,982	35,023	35,005	34,941
Employment-population ratio.....	55.6	56.5	56.0	55.3	55.6	55.4	55.3	55.7	55.7
Unemployed.....	1,375	1,227	1,279	1,454	1,404	1,304	1,295	1,308	1,328
Unemployment rate.....	3.8	3.3	3.5	4.0	3.9	3.6	3.6	3.6	3.7
<b>Some college or associate degree</b>									
Civilian labor force.....	37,808	37,404	37,881	37,531	37,200	37,222	37,710	37,452	37,581
Participation rate.....	65.7	65.0	65.3	65.2	64.7	65.0	65.6	65.1	64.8
Employed.....	36,706	36,348	36,862	36,392	36,069	36,028	36,549	36,363	36,510
Employment-population ratio.....	63.8	63.1	63.6	63.2	62.7	62.9	63.6	63.2	63.0
Unemployed.....	1,102	1,056	1,018	1,139	1,132	1,194	1,161	1,089	1,072
Unemployment rate.....	2.9	2.8	2.7	3.0	3.0	3.2	3.1	2.9	2.9
<b>Bachelor's degree and higher<sup>2</sup></b>									
Civilian labor force.....	58,022	59,077	59,700	57,968	58,510	58,664	58,800	59,080	59,517
Participation rate.....	73.6	73.9	74.0	73.5	73.8	73.4	73.9	73.9	73.8
Employed.....	56,890	57,919	58,520	56,782	57,275	57,399	57,551	57,884	58,274
Employment-population ratio.....	72.2	72.5	72.6	72.0	72.3	71.8	72.3	72.4	72.3
Unemployed.....	1,132	1,157	1,180	1,186	1,235	1,265	1,249	1,196	1,243
Unemployment rate.....	2.0	2.0	2.0	2.0	2.1	2.2	2.1	2.0	2.1

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

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

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Employment status, veteran status, and period of service	Total		Men		Women	
	Oct. 2018	Oct. 2019	Oct. 2018	Oct. 2019	Oct. 2018	Oct. 2019
<b>VETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	19,090	18,710	17,218	16,821	1,872	1,889
Civilian labor force.....	9,369	9,169	8,255	8,105	1,114	1,064
Participation rate.....	49.1	49.0	47.9	48.2	59.5	56.3
Employed.....	9,100	8,895	8,019	7,891	1,081	1,004
Employment-population ratio.....	47.7	47.5	46.6	46.9	57.7	53.1
Unemployed.....	269	274	236	214	33	60
Unemployment rate.....	2.9	3.0	2.9	2.6	3.0	5.7
Not in labor force.....	9,721	9,541	8,963	8,716	758	825
<b>  Gulf War-era II veterans</b>						
Civilian noninstitutional population.....	4,141	4,370	3,405	3,597	736	772
Civilian labor force.....	3,384	3,441	2,861	2,943	523	498
Participation rate.....	81.7	78.7	84.0	81.8	71.1	64.5
Employed.....	3,279	3,320	2,770	2,869	509	451
Employment-population ratio.....	79.2	76.0	81.3	79.8	69.2	58.4
Unemployed.....	105	121	91	74	14	47
Unemployment rate.....	3.1	3.5	3.2	2.5	2.7	9.5
Not in labor force.....	757	929	545	654	213	274
<b>  Gulf War-era I veterans</b>						
Civilian noninstitutional population.....	3,147	3,074	2,677	2,609	470	466
Civilian labor force.....	2,450	2,297	2,109	1,965	341	332
Participation rate.....	77.9	74.7	78.8	75.3	72.6	71.3
Employed.....	2,383	2,216	2,047	1,889	336	328
Employment-population ratio.....	75.7	72.1	76.5	72.4	71.4	70.3
Unemployed.....	67	81	61	77	5	4
Unemployment rate.....	2.7	3.5	2.9	3.9	1.6	1.3
Not in labor force.....	697	777	568	643	129	134
<b>  World War II, Korean War, and Vietnam-era veterans</b>						
Civilian noninstitutional population.....	7,502	7,094	7,246	6,848	256	246
Civilian labor force.....	1,545	1,443	1,491	1,396	54	47
Participation rate.....	20.6	20.3	20.6	20.4	21.2	19.0
Employed.....	1,498	1,409	1,447	1,363	52	47
Employment-population ratio.....	20.0	19.9	20.0	19.9	20.2	18.9
Unemployed.....	47	34	44	34	3	0
Unemployment rate.....	3.0	2.3	3.0	2.4	-	-
Not in labor force.....	5,957	5,651	5,755	5,452	202	199
<b>  Veterans of other service periods</b>						
Civilian noninstitutional population.....	4,300	4,172	3,890	3,767	410	405
Civilian labor force.....	1,990	1,987	1,795	1,800	195	187
Participation rate.....	46.3	47.6	46.1	47.8	47.6	46.3
Employed.....	1,940	1,949	1,755	1,770	184	179
Employment-population ratio.....	45.1	46.7	45.1	47.0	45.0	44.1
Unemployed.....	50	39	39	30	11	9
Unemployment rate.....	2.5	1.9	2.2	1.7	5.6	4.6
Not in labor force.....	2,310	2,185	2,095	1,967	215	218
<b>NONVETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	230,542	232,012	103,266	104,279	127,276	127,733
Civilian labor force.....	151,214	153,292	76,864	77,718	74,351	75,575
Participation rate.....	65.6	66.1	74.4	74.5	58.4	59.2
Employed.....	145,912	148,318	74,170	75,158	71,743	73,160
Employment-population ratio.....	63.3	63.9	71.8	72.1	56.4	57.3
Unemployed.....	5,302	4,974	2,694	2,559	2,608	2,415
Unemployment rate.....	3.5	3.2	3.5	3.3	3.5	3.2
Not in labor force.....	79,328	78,719	26,402	26,561	52,925	52,158

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	
	Oct. 2018	Oct. 2019	Oct. 2018	Oct. 2019
<b>TOTAL, 16 years and over</b>				
Civilian noninstitutional population.....	30,145	29,797	228,370	230,048
Civilian labor force.....	6,468	6,125	156,255	158,451
Participation rate.....	21.5	20.6	68.4	68.9
Employed.....	5,987	5,705	150,965	153,362
Employment-population ratio.....	19.9	19.1	66.1	66.7
Unemployed.....	480	420	5,290	5,090
Unemployment rate.....	7.4	6.9	3.4	3.2
Not in labor force.....	23,677	23,672	72,114	71,596
<b>Men, 16 to 64 years</b>				
Civilian labor force.....	2,740	2,665	77,736	78,118
Participation rate.....	36.4	35.9	82.4	82.9
Employed.....	2,520	2,460	75,067	75,558
Employment-population ratio.....	33.5	33.2	79.6	80.1
Unemployed.....	221	205	2,669	2,560
Unemployment rate.....	8.1	7.7	3.4	3.3
Not in labor force.....	4,790	4,749	16,560	16,170
<b>Women, 16 to 64 years</b>				
Civilian labor force.....	2,511	2,255	69,508	70,619
Participation rate.....	32.0	30.6	71.6	72.6
Employed.....	2,304	2,088	67,136	68,317
Employment-population ratio.....	29.4	28.3	69.2	70.2
Unemployed.....	207	167	2,372	2,303
Unemployment rate.....	8.2	7.4	3.4	3.3
Not in labor force.....	5,329	5,122	27,560	26,646
<b>Both sexes, 65 years and over</b>				
Civilian labor force.....	1,216	1,204	9,011	9,714
Participation rate.....	8.2	8.0	24.4	25.2
Employed.....	1,163	1,157	8,762	9,487
Employment-population ratio.....	7.9	7.7	23.7	24.6
Unemployed.....	53	47	249	227
Unemployment rate.....	4.3	3.9	2.8	2.3
Not in labor force.....	13,559	13,802	27,994	28,780

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	
	Oct. 2018	Oct. 2019	Oct. 2018	Oct. 2019	Oct. 2018	Oct. 2019
<b>Foreign born, 16 years and over</b>						
Civilian noninstitutional population.....	43,051	42,326	20,795	20,385	22,256	21,940
Civilian labor force.....	28,410	28,067	16,198	15,931	12,212	12,137
Participation rate.....	66.0	66.3	77.9	78.1	54.9	55.3
Employed.....	27,533	27,346	15,763	15,565	11,770	11,780
Employment-population ratio.....	64.0	64.6	75.8	76.4	52.9	53.7
Unemployed.....	877	722	436	365	441	356
Unemployment rate.....	3.1	2.6	2.7	2.3	3.6	2.9
Not in labor force.....	14,641	14,258	4,597	4,455	10,044	9,803
<b>Native born, 16 years and over</b>						
Civilian noninstitutional population.....	215,463	217,519	104,245	105,301	111,218	112,218
Civilian labor force.....	134,313	136,509	69,882	70,893	64,431	65,615
Participation rate.....	62.3	62.8	67.0	67.3	57.9	58.5
Employed.....	129,419	131,721	67,290	68,352	62,130	63,369
Employment-population ratio.....	60.1	60.6	64.5	64.9	55.9	56.5
Unemployed.....	4,894	4,788	2,593	2,541	2,301	2,247
Unemployment rate.....	3.6	3.5	3.7	3.6	3.6	3.4
Not in labor force.....	81,150	81,010	34,363	34,408	46,787	46,603

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					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
<b>CLASS OF WORKER</b>									
Agriculture and related industries.....	2,484	2,479	2,553	2,418	2,320	2,402	2,400	2,404	2,461
Wage and salary workers <sup>1</sup> .....	1,771	1,672	1,738	1,674	1,482	1,577	1,560	1,610	1,630
Self-employed workers, unincorporated.....	692	781	786	722	778	779	789	769	796
Unpaid family workers.....	21	27	30	-	-	-	-	-	-
Nonagricultural industries.....	154,468	155,999	156,513	154,135	154,725	154,904	155,528	155,830	155,998
Wage and salary workers <sup>1</sup> .....	145,325	147,030	147,522	145,071	145,906	145,880	146,480	146,837	147,161
Government.....	21,187	21,089	21,598	21,186	20,952	20,823	20,913	21,088	21,469
Private industries.....	124,139	125,942	125,924	124,063	124,901	125,012	125,602	125,756	125,805
Private households.....	769	842	784	-	-	-	-	-	-
Other industries.....	123,370	125,100	125,140	123,239	124,115	124,224	124,745	124,867	124,974
Self-employed workers, unincorporated.....	9,055	8,889	8,926	8,949	8,766	8,945	8,891	8,843	8,802
Unpaid family workers.....	88	80	66	-	-	-	-	-	-
<b>PERSONS AT WORK PART TIME<sup>2</sup></b>									
<b>  All industries</b>									
Part time for economic reasons <sup>3</sup> .....	4,246	3,992	4,046	4,630	4,347	3,984	4,381	4,350	4,438
Slack work or business conditions.....	2,600	2,377	2,533	2,837	2,707	2,385	2,678	2,588	2,754
Could only find part-time work.....	1,433	1,327	1,268	1,461	1,337	1,364	1,351	1,322	1,287
Part time for noneconomic reasons <sup>4</sup> .....	21,979	21,666	22,088	21,448	21,524	21,437	21,697	21,573	21,549
<b>    Nonagricultural industries</b>									
Part time for economic reasons <sup>3</sup> .....	4,169	3,925	3,961	4,549	4,258	3,878	4,295	4,264	4,337
Slack work or business conditions.....	2,541	2,337	2,469	2,779	2,669	2,323	2,634	2,537	2,692
Could only find part-time work.....	1,428	1,317	1,258	1,453	1,326	1,350	1,337	1,311	1,275
Part time for noneconomic reasons <sup>4</sup> .....	21,616	21,291	21,679	21,083	21,188	21,049	21,322	21,190	21,138

<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					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
<b>AGE AND SEX</b>									
Total, 16 years and over.....	156,952	158,478	159,067	156,582	157,005	157,288	157,878	158,269	158,510
16 to 19 years.....	5,045	4,926	5,050	5,258	5,148	5,239	5,184	5,160	5,217
16 to 17 years.....	1,940	1,870	1,854	1,954	1,756	1,704	1,835	1,797	1,835
18 to 19 years.....	3,105	3,056	3,197	3,305	3,398	3,559	3,360	3,321	3,404
20 years and over.....	151,908	153,553	154,016	151,324	151,857	152,050	152,694	153,109	153,293
20 to 24 years.....	13,865	14,203	14,337	13,897	14,291	14,233	14,057	14,297	14,363
25 years and over.....	138,042	139,350	139,679	137,504	137,547	137,837	138,508	138,742	138,999
25 to 54 years.....	101,289	101,621	101,942	100,892	100,665	100,373	101,042	101,151	101,414
25 to 34 years.....	35,802	36,073	36,230	35,693	35,708	35,486	35,937	35,910	36,057
35 to 44 years.....	33,017	33,581	33,594	32,857	32,973	33,044	33,149	33,377	33,393
45 to 54 years.....	32,469	31,967	32,118	32,343	31,985	31,842	31,956	31,864	31,964
55 years and over.....	36,753	37,729	37,738	36,612	36,882	37,464	37,467	37,592	37,585
Men, 16 years and over.....	83,052	83,862	83,918	82,894	83,293	83,584	83,600	83,732	83,753
16 to 19 years.....	2,415	2,514	2,485	2,506	2,575	2,603	2,561	2,597	2,572
16 to 17 years.....	863	916	868	895	896	855	894	895	899
18 to 19 years.....	1,552	1,598	1,617	1,621	1,681	1,762	1,657	1,679	1,684
20 years and over.....	80,637	81,348	81,433	80,388	80,718	80,981	81,039	81,135	81,181
20 to 24 years.....	7,031	7,167	7,157	7,082	7,279	7,228	7,099	7,218	7,215
25 years and over.....	73,606	74,181	74,276	73,331	73,430	73,761	73,827	73,871	73,966
25 to 54 years.....	53,957	54,061	54,139	53,789	53,630	53,688	53,749	53,843	53,941
25 to 34 years.....	19,196	19,256	19,353	19,169	19,009	19,088	19,194	19,182	19,305
35 to 44 years.....	17,704	18,012	17,954	17,625	17,792	17,790	17,764	17,926	17,877
45 to 54 years.....	17,056	16,792	16,832	16,995	16,829	16,810	16,791	16,735	16,759
55 years and over.....	19,650	20,121	20,137	19,542	19,800	20,073	20,078	20,028	20,026
Women, 16 years and over.....	73,900	74,616	75,149	73,688	73,712	73,705	74,278	74,537	74,757
16 to 19 years.....	2,630	2,412	2,565	2,753	2,573	2,636	2,623	2,563	2,645
16 to 17 years.....	1,077	954	985	1,059	860	849	941	901	937
18 to 19 years.....	1,553	1,458	1,580	1,684	1,718	1,797	1,703	1,641	1,720
20 years and over.....	71,270	72,204	72,584	70,935	71,139	71,069	71,655	71,974	72,112
20 to 24 years.....	6,835	7,036	7,180	6,816	7,012	7,005	6,958	7,079	7,148
25 years and over.....	64,436	65,168	65,403	64,173	64,117	64,076	64,682	64,871	65,033
25 to 54 years.....	47,332	47,561	47,803	47,103	47,035	46,685	47,293	47,308	47,473
25 to 34 years.....	16,606	16,817	16,877	16,524	16,698	16,398	16,743	16,728	16,752
35 to 44 years.....	15,313	15,568	15,640	15,231	15,181	15,254	15,385	15,451	15,517
45 to 54 years.....	15,413	15,175	15,286	15,348	15,156	15,032	15,165	15,129	15,204
55 years and over.....	17,104	17,608	17,601	17,070	17,082	17,392	17,389	17,563	17,560
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	46,354	46,256	46,113	46,192	45,681	46,005	46,215	46,009	45,946
Married women, spouse present <sup>1</sup> .....	36,278	36,477	36,933	36,089	36,013	36,110	36,366	36,432	36,696
Women who maintain families <sup>2</sup> .....	10,060	10,006	9,791	-	-	-	-	-	-
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	129,627	131,704	131,990	129,255	130,148	130,429	130,789	131,094	131,545
Part-time workers <sup>4</sup> .....	27,325	26,774	27,077	27,311	26,807	26,861	26,974	27,095	27,021
<b>MULTIPLE JOBHOLDERS</b>									
Total multiple jobholders.....	8,093	8,331	8,351	7,873	8,156	8,389	8,373	8,357	8,158
Percent of total employed.....	5.2	5.3	5.3	5.0	5.2	5.3	5.3	5.3	5.1
<b>SELF-EMPLOYMENT</b>									
Self-employed workers, incorporated.....	6,057	6,227	6,358	-	-	-	-	-	-
Self-employed workers, unincorporated.....	9,747	9,669	9,712	9,671	9,544	9,724	9,681	9,612	9,599

<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					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
<b>AGE AND SEX</b>									
Total, 16 years and over.....	6,112	5,769	5,855	3.8	3.7	3.7	3.7	3.5	3.6
16 to 19 years.....	715	735	729	12.0	12.7	12.8	12.6	12.5	12.3
16 to 17 years.....	230	271	299	10.6	14.6	15.5	12.9	13.1	14.0
18 to 19 years.....	488	461	435	12.9	11.5	10.9	12.0	12.2	11.3
20 years and over.....	5,396	5,034	5,126	3.4	3.3	3.4	3.4	3.2	3.2
20 to 24 years.....	1,013	963	948	6.8	6.3	6.8	7.0	6.3	6.2
25 years and over.....	4,359	4,057	4,153	3.1	3.0	3.0	2.9	2.8	2.9
25 to 54 years.....	3,276	3,127	3,154	3.1	3.0	3.1	3.1	3.0	3.0
25 to 34 years.....	1,353	1,326	1,399	3.7	3.6	3.7	3.6	3.6	3.7
35 to 44 years.....	1,004	891	901	3.0	2.8	2.8	2.8	2.6	2.6
45 to 54 years.....	919	910	854	2.8	2.7	2.7	2.8	2.8	2.6
55 years and over.....	1,077	925	1,004	2.9	3.0	2.7	2.6	2.4	2.6
Men, 16 years and over.....	3,252	3,107	3,132	3.8	3.7	3.7	3.7	3.6	3.6
16 to 19 years.....	363	413	411	12.6	13.5	13.5	13.6	13.7	13.8
16 to 17 years.....	112	135	150	11.1	14.0	15.3	14.4	13.1	14.3
18 to 19 years.....	252	275	257	13.5	12.9	11.8	13.3	14.1	13.2
20 years and over.....	2,889	2,694	2,721	3.5	3.3	3.4	3.4	3.2	3.2
20 to 24 years.....	567	561	589	7.4	7.4	7.6	7.9	7.2	7.6
25 years and over.....	2,297	2,142	2,114	3.0	2.9	2.9	2.9	2.8	2.8
25 to 54 years.....	1,767	1,674	1,617	3.2	3.0	3.1	3.1	3.0	2.9
25 to 34 years.....	743	760	743	3.7	3.6	3.7	3.7	3.8	3.7
35 to 44 years.....	551	434	435	3.0	2.4	2.6	2.6	2.4	2.4
45 to 54 years.....	473	481	439	2.7	2.8	2.8	2.9	2.8	2.6
55 years and over.....	530	468	497	2.6	2.7	2.5	2.4	2.3	2.4
Women, 16 years and over.....	2,860	2,662	2,723	3.7	3.6	3.7	3.6	3.4	3.5
16 to 19 years.....	353	322	319	11.4	12.0	12.1	11.6	11.2	10.7
16 to 17 years.....	119	137	149	10.1	15.2	15.7	11.6	13.2	13.7
18 to 19 years.....	236	185	178	12.3	10.1	10.1	10.8	10.1	9.4
20 years and over.....	2,507	2,340	2,405	3.4	3.3	3.4	3.3	3.1	3.2
20 to 24 years.....	446	402	359	6.1	5.2	5.9	6.2	5.4	4.8
25 years and over.....	2,062	1,915	2,039	3.1	3.1	3.1	3.0	2.9	3.0
25 to 54 years.....	1,509	1,453	1,537	3.1	3.1	3.2	3.1	3.0	3.1
25 to 34 years.....	610	566	656	3.6	3.5	3.8	3.5	3.3	3.8
35 to 44 years.....	453	457	466	2.9	3.3	3.0	3.0	2.9	2.9
45 to 54 years.....	446	430	415	2.8	2.5	2.6	2.6	2.8	2.7
55 years and over.....	530	475	491	3.0	3.3	2.9	2.8	2.6	2.7
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	914	815	818	1.9	1.8	1.9	1.8	1.7	1.7
Married women, spouse present <sup>1</sup> .....	846	824	845	2.3	2.3	2.2	2.2	2.2	2.3
Women who maintain families <sup>2</sup> .....	565	492	558	5.3	5.1	6.0	5.1	4.7	5.4
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	4,853	4,640	4,788	3.6	3.5	3.6	3.5	3.4	3.5
Part-time workers <sup>4</sup> .....	1,245	1,098	1,067	4.4	4.4	4.3	4.4	3.9	3.8

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

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

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

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

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

# HOUSEHOLD DATA

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

[Numbers in thousands]

Reason	Not seasonally adjusted			Seasonally adjusted					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
<b>NUMBER OF UNEMPLOYED</b>									
Job losers and persons who completed temporary jobs.....	2,510	2,227	2,340	2,858	2,736	2,798	2,876	2,572	2,674
On temporary layoff.....	507	428	468	793	801	836	817	731	762
Not on temporary layoff.....	2,003	1,799	1,872	2,066	1,935	1,963	2,059	1,841	1,912
Permanent job losers.....	1,317	1,269	1,216	1,365	1,358	1,361	1,397	1,308	1,259
Persons who completed temporary jobs....	686	530	656	701	577	602	661	532	653
Job leavers.....	746	897	859	731	888	833	781	840	849
Reentrants.....	1,951	1,691	1,719	1,914	1,868	1,810	1,801	1,669	1,703
New entrants.....	564	650	592	605	541	595	574	677	627
<b>PERCENT DISTRIBUTION</b>									
Job losers and persons who completed temporary jobs.....	43.5	40.7	42.5	46.8	45.3	46.4	47.7	44.7	45.7
On temporary layoff.....	8.8	7.8	8.5	13.0	13.3	13.8	13.6	12.7	13.0
Not on temporary layoff.....	34.7	32.9	34.0	33.8	32.1	32.5	34.1	32.0	32.7
Job leavers.....	12.9	16.4	15.6	12.0	14.7	13.8	12.9	14.6	14.5
Reentrants.....	33.8	30.9	31.2	31.3	31.0	30.0	29.9	29.0	29.1
New entrants.....	9.8	11.9	10.7	9.9	9.0	9.9	9.5	11.8	10.7
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers and persons who completed temporary jobs.....	1.5	1.4	1.4	1.8	1.7	1.7	1.8	1.6	1.6
Job leavers.....	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5
Reentrants.....	1.2	1.0	1.0	1.2	1.1	1.1	1.1	1.0	1.0
New entrants.....	0.3	0.4	0.4	0.4	0.3	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					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
<b>NUMBER OF UNEMPLOYED</b>									
Less than 5 weeks.....	1,866	1,820	1,755	2,062	1,961	2,201	2,207	1,868	1,968
5 to 14 weeks.....	1,734	1,588	1,651	1,845	1,830	1,797	1,757	1,781	1,749
15 weeks and over.....	2,171	2,057	2,104	2,229	2,182	2,071	2,078	2,132	2,163
15 to 26 weeks.....	824	737	856	859	769	905	835	819	899
27 weeks and over.....	1,347	1,320	1,249	1,370	1,414	1,166	1,243	1,314	1,264
Average (mean) duration, in weeks.....	23.8	23.0	23.1	22.4	22.2	19.6	22.1	22.0	21.8
Median duration, in weeks.....	9.9	9.8	9.8	9.4	9.6	8.9	8.9	9.4	9.3
<b>PERCENT DISTRIBUTION</b>									
Less than 5 weeks.....	32.3	33.3	31.9	33.6	32.8	36.3	36.5	32.3	33.5
5 to 14 weeks.....	30.0	29.1	30.0	30.1	30.6	29.6	29.1	30.8	29.7
15 weeks and over.....	37.6	37.6	38.2	36.3	36.5	34.1	34.4	36.9	36.8
15 to 26 weeks.....	14.3	13.5	15.5	14.0	12.9	14.9	13.8	14.2	15.3
27 weeks and over.....	23.3	24.1	22.7	22.3	23.7	19.2	20.6	22.7	21.5

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Occupation	Employed		Unemployed		Unemployment rates	
	Oct. 2018	Oct. 2019	Oct. 2018	Oct. 2019	Oct. 2018	Oct. 2019
Total, 16 years and over <sup>1</sup> .....	156,952	159,067	5,771	5,510	3.5	3.3
Management, professional, and related occupations.....	62,929	64,997	1,246	1,161	1.9	1.8
Management, business, and financial operations occupations.....	26,165	27,517	535	471	2.0	1.7
Professional and related occupations.....	36,764	37,480	711	690	1.9	1.8
Service occupations.....	26,689	27,132	1,247	1,257	4.5	4.4
Sales and office occupations.....	33,730	34,055	1,233	1,145	3.5	3.3
Sales and related occupations.....	15,927	16,050	599	572	3.6	3.4
Office and administrative support occupations.....	17,803	18,005	634	573	3.4	3.1
Natural resources, construction, and maintenance occupations.....	14,588	14,389	546	534	3.6	3.6
Farming, fishing, and forestry occupations.....	1,181	1,123	63	55	5.0	4.7
Construction and extraction occupations.....	8,558	8,365	400	402	4.5	4.6
Installation, maintenance, and repair occupations.....	4,849	4,901	83	76	1.7	1.5
Production, transportation, and material moving occupations.....	19,015	18,494	920	797	4.6	4.1
Production occupations.....	8,904	8,412	414	386	4.4	4.4
Transportation and material moving occupations.....	10,112	10,083	506	411	4.8	3.9

<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	
	Oct. 2018	Oct. 2019	Oct. 2018	Oct. 2019
Total, 16 years and over <sup>1</sup> .....	5,771	5,510	3.5	3.3
Nonagricultural private wage and salary workers.....	4,458	4,233	3.5	3.3
Mining, quarrying, and oil and gas extraction.....	14	23	1.7	2.8
Construction.....	352	398	3.6	4.0
Manufacturing.....	504	484	3.2	3.1
Durable goods.....	260	286	2.5	2.9
Nondurable goods.....	245	198	4.3	3.5
Wholesale and retail trade.....	794	732	3.9	3.6
Transportation and utilities.....	217	197	3.1	2.6
Information.....	84	79	3.2	3.3
Financial activities.....	205	198	2.0	2.0
Professional and business services.....	691	625	4.0	3.5
Education and health services.....	649	552	2.7	2.2
Leisure and hospitality.....	747	747	5.4	5.3
Other services.....	200	197	3.0	2.9
Agriculture and related private wage and salary workers.....	74	62	4.1	3.6
Government workers.....	411	414	1.9	1.9
Self-employed workers, unincorporated, and unpaid family workers.....	265	209	2.6	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					
	Oct. 2018	Sept. 2019	Oct. 2019	Oct. 2018	June 2019	July 2019	Aug. 2019	Sept. 2019	Oct. 2019
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.....	1.5	1.4	1.4	1.8	1.7	1.7	1.8	1.6	1.6
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	3.5	3.3	3.3	3.8	3.7	3.7	3.7	3.5	3.6
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	3.8	3.5	3.5	4.1	3.9	3.9	4.0	3.7	3.8
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.....	4.4	4.1	4.1	4.6	4.6	4.6	4.6	4.3	4.3
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.....	7.0	6.5	6.5	7.5	7.2	7.0	7.2	6.9	7.0

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	
	Oct. 2018	Oct. 2019	Oct. 2018	Oct. 2019	Oct. 2018	Oct. 2019
<b>NOT IN THE LABOR FORCE</b>						
Total not in the labor force.....	95,792	95,269	38,960	38,863	56,832	56,406
Persons who currently want a job.....	5,048	4,412	2,298	2,093	2,750	2,318
Marginally attached to the labor force <sup>1</sup> .....	1,491	1,229	823	668	668	561
Discouraged workers <sup>2</sup> .....	506	341	314	227	192	114
Other persons marginally attached to the labor force <sup>3</sup> ..	984	888	509	441	476	447
<b>MULTIPLE JOBHOLDERS</b>						
Total multiple jobholders <sup>4</sup> .....	8,093	8,351	3,958	4,065	4,135	4,286
Percent of total employed.....	5.2	5.3	4.8	4.8	5.6	5.7
Primary job full time, secondary job part time.....	4,484	4,602	2,490	2,471	1,994	2,131
Primary and secondary jobs both part time.....	2,180	2,172	723	801	1,457	1,370
Primary and secondary jobs both full time.....	284	377	171	207	114	169
Hours vary on primary or secondary job.....	1,073	1,149	539	564	534	585

<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: Sept.2019 - Oct.2019 <sup>P</sup>
	Oct. 2018	Aug. 2019	Sept. 2019 <sup>P</sup>	Oct. 2019 <sup>P</sup>	Oct. 2018	Aug. 2019	Sept. 2019 <sup>P</sup>	Oct. 2019 <sup>P</sup>	
Total nonfarm.....	150,853	151,607	152,015	152,962	149,852	151,637	151,817	151,945	128
Total private.....	128,001	129,955	129,385	129,941	127,366	129,008	129,175	129,306	131
Goods-producing.....	21,092	21,452	21,332	21,280	20,892	21,104	21,111	21,085	-26
Mining and logging.....	759	760	754	755	751	746	747	747	0
Logging.....	48.1	50.3	49.9	49.6	47.2	48.6	48.4	48.5	0.1
Mining.....	710.9	709.6	704.4	705.3	703.6	697.2	698.3	698.5	0.2
Oil and gas extraction.....	146.7	164.8	164.1	163.7	146.5	161.8	163.5	163.8	0.3
Mining, except oil and gas.....	197.5	196.4	195.1	195.1	194.6	192.2	192.7	192.5	-0.2
Coal mining.....	52.2	53.4	53.3	53.3	51.9	53.2	53.2	53.1	-0.1
Metal ore mining.....	41.4	40.3	39.7	39.6	41.6	39.8	39.8	39.7	-0.1
Nonmetallic mineral mining and quarrying.....	103.9	102.7	102.1	102.2	101.1	99.2	99.8	99.6	-0.2
Support activities for mining.....	366.7	348.4	345.2	346.5	362.5	343.2	342.1	342.2	0.1
Construction.....	7,559	7,758	7,698	7,705	7,379	7,506	7,517	7,527	10
Construction of buildings.....	1,669.2	1,707.1	1,687.2	1,691.4	1,641.5	1,666.2	1,664.6	1,665.8	1.2
Residential building.....	827.8	864.1	853.3	857.6	813.7	843.6	843.8	846.7	2.9
Nonresidential building.....	841.4	843.0	833.9	833.8	827.8	822.6	820.8	819.1	-1.7
Heavy and civil engineering construction.....	1,129.8	1,141.8	1,143.1	1,147.3	1,071.8	1,078.2	1,082.5	1,088.5	6.0
Specialty trade contractors.....	4,759.5	4,909.0	4,867.7	4,866.2	4,665.8	4,761.4	4,770.3	4,772.2	1.9
Residential specialty trade contractors.....	2,086.3	2,134.1	2,108.8	2,111.3	2,054.0	2,067.2	2,072.5	2,074.7	2.2
Nonresidential specialty trade contractors.....	2,673.2	2,774.9	2,758.9	2,754.9	2,611.8	2,694.2	2,697.8	2,697.5	-0.3
Manufacturing.....	12,774	12,934	12,880	12,820	12,762	12,852	12,847	12,811	-36
Durable goods.....	8,003	8,098	8,059	8,013	8,006	8,067	8,061	8,020	-41
Wood products.....	410.0	412.0	412.5	414.2	409.2	410.1	411.2	412.6	1.4
Nonmetallic mineral products.....	420.5	423.5	420.7	424.2	416.9	417.3	417.6	419.6	2.0
Primary metals.....	377.9	379.0	377.1	374.1	377.9	378.7	377.7	374.8	-2.9
Fabricated metal products.....	1,475.3	1,486.9	1,477.7	1,478.9	1,476.1	1,482.1	1,480.0	1,481.3	1.3
Machinery.....	1,126.6	1,139.6	1,127.7	1,125.6	1,130.5	1,135.9	1,131.5	1,130.9	-0.6
Computer and electronic products.....	1,059.1	1,093.8	1,091.4	1,091.3	1,059.9	1,089.0	1,092.3	1,092.7	0.4
Computer and peripheral equipment.....	157.2	164.1	163.8	163.7	157.2	162.6	163.4	163.6	0.2
Communications equipment.....	85.3	86.6	86.1	86.2	85.3	86.5	86.3	86.3	0.0
Semiconductors and electronic components.....	369.0	381.4	380.1	378.1	369.6	379.7	380.5	379.4	-1.1
Electronic instruments.....	413.5	427.7	427.0	429.5	414.1	426.5	428.2	430.0	1.8
Miscellaneous computer and electronic products.....	34.1	34.0	34.4	33.8	33.7	33.7	33.9	33.5	-0.4
Electrical equipment and appliances.....	402.5	405.5	402.9	403.1	403.0	403.8	402.5	403.3	0.8
Transportation equipment <sup>1</sup> .....	1,722.3	1,741.6	1,738.8	1,694.4	1,724.9	1,739.1	1,737.4	1,698.3	-39.1
Motor vehicles and parts <sup>2</sup> .....	1,003.7	992.3	988.7	943.6	1,005.8	991.4	987.9	946.3	-41.6
Furniture and related products.....	394.7	395.9	392.6	391.6	394.4	392.6	392.8	391.6	-1.2
Miscellaneous durable goods manufacturing.....	613.8	620.1	617.4	615.8	612.8	618.3	617.8	614.8	-3.0
Nondurable goods.....	4,771	4,836	4,821	4,807	4,756	4,785	4,786	4,791	5
Food manufacturing.....	1,638.6	1,668.5	1,666.0	1,661.7	1,628.6	1,636.7	1,641.1	1,648.9	7.8
Textile mills.....	112.2	112.1	111.1	110.7	111.9	111.8	111.1	110.6	-0.5
Textile product mills.....	116.0	114.3	112.8	113.6	115.8	113.4	112.5	113.4	0.9
Apparel.....	110.5	106.7	105.2	104.4	110.1	107.0	105.5	104.2	-1.3
Paper and paper products.....	367.8	370.7	369.0	369.0	369.2	370.0	369.6	370.2	0.6
Printing and related support activities.....	429.5	421.9	420.5	419.4	428.7	420.2	419.5	418.2	-1.3
Petroleum and coal products.....	118.2	118.2	117.7	115.8	115.5	114.6	114.5	113.7	-0.8
Chemicals.....	841.2	859.6	858.5	858.2	842.9	857.8	860.2	861.0	0.8
Plastics and rubber products.....	730.4	743.9	739.2	734.3	733.1	740.9	739.2	737.3	-1.9
Miscellaneous nondurable goods manufacturing.....	306.4	319.8	321.1	319.9	299.8	312.2	313.1	313.8	0.7
Private service-providing.....	106,909	108,503	108,053	108,661	106,474	107,904	108,064	108,221	157
Trade, transportation, and utilities.....	27,764	27,750	27,698	27,897	27,715	27,809	27,828	27,854	26
Wholesale trade.....	5,886.5	5,961.8	5,946.0	5,965.1	5,877.5	5,941.7	5,948.8	5,959.6	10.8
Durable goods.....	3,170.8	3,236.8	3,227.2	3,231.9	3,173.8	3,223.9	3,228.9	3,235.4	6.5
Nondurable goods.....	2,164.0	2,173.8	2,166.5	2,173.4	2,152.9	2,168.5	2,167.1	2,165.3	-1.8

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: Sept.2019 - Oct.2019 <sup>P</sup>
	Oct. 2018	Aug. 2019	Sept. 2019 <sup>P</sup>	Oct. 2019 <sup>P</sup>	Oct. 2018	Aug. 2019	Sept. 2019 <sup>P</sup>	Oct. 2019 <sup>P</sup>	
Wholesale trade - Continued									
Electronic markets and agents and brokers.....	551.7	551.2	552.3	559.8	550.8	549.3	552.8	558.9	6.1
Retail trade.....	15,796.5	15,748.6	15,634.2	15,771.4	15,794.4	15,759.5	15,766.2	15,772.3	6.1
Motor vehicle and parts dealers.....	2,035.8	2,070.1	2,070.4	2,066.1	2,031.8	2,057.3	2,061.7	2,061.0	-0.7
Automobile dealers.....	1,306.1	1,314.0	1,314.7	1,312.4	1,302.6	1,309.1	1,310.5	1,309.1	-1.4
Other motor vehicle dealers.....	159.1	164.5	163.2	161.1	160.3	158.4	161.2	161.6	0.4
Auto parts, accessories, and tire stores...	570.6	591.6	592.5	592.6	568.9	589.9	589.9	590.3	0.4
Furniture and home furnishings stores.....	486.2	478.3	476.7	486.8	483.5	484.6	484.4	484.8	0.4
Electronics and appliance stores.....	482.5	454.8	456.0	472.7	482.8	462.4	463.4	469.7	6.3
Building material and garden supply stores.....	1,275.4	1,316.1	1,296.0	1,288.6	1,300.6	1,314.9	1,316.5	1,313.7	-2.8
Food and beverage stores.....	3,091.7	3,133.1	3,116.3	3,135.7	3,089.5	3,119.8	3,130.9	3,136.2	5.3
Health and personal care stores.....	1,058.6	1,034.7	1,028.8	1,044.3	1,061.3	1,043.6	1,040.3	1,045.4	5.1
Gasoline stations.....	935.8	966.4	959.0	962.3	934.1	955.6	956.7	960.5	3.8
Clothing and clothing accessories stores...	1,339.5	1,320.7	1,268.3	1,280.1	1,352.3	1,318.0	1,305.4	1,297.7	-7.7
Sporting goods, hobby, book, and music stores.....	559.2	558.3	554.6	560.5	561.4	563.6	562.4	561.2	-1.2
General merchandise stores.....	3,109.4	3,009.1	3,018.3	3,072.2	3,094.8	3,039.2	3,050.5	3,052.9	2.4
Department stores.....	1,149.3	1,086.8	1,086.1	1,124.6	1,146.5	1,108.2	1,113.9	1,119.2	5.3
General merchandise stores, including warehouse clubs and supercenters.....	1,960.1	1,922.3	1,932.2	1,947.6	1,948.3	1,931.0	1,936.6	1,933.6	-3.0
Miscellaneous store retailers.....	838.2	835.3	823.9	829.7	826.5	827.2	824.1	822.3	-1.8
Nonstore retailers.....	584.2	571.7	565.9	572.4	575.8	573.3	569.9	566.9	-3.0
Transportation and warehousing.....	5,527.1	5,484.4	5,567.6	5,611.3	5,488.5	5,555.3	5,561.6	5,571.5	9.9
Air transportation.....	503.4	520.1	517.5	519.7	503.7	517.4	517.7	520.7	3.0
Rail transportation.....	216.6	203.0	199.5	199.5	216.2	202.5	199.6	199.3	-0.3
Water transportation.....	65.3	67.3	65.5	64.8	64.9	64.5	64.5	64.4	-0.1
Truck transportation.....	1,518.8	1,537.9	1,528.5	1,529.0	1,502.6	1,516.6	1,512.3	1,513.6	1.3
Transit and ground passenger transportation.....	505.1	422.0	503.1	508.7	486.9	483.8	489.0	490.1	1.1
Pipeline transportation.....	48.6	47.8	47.7	47.7	48.7	47.7	47.6	47.6	0.0
Scenic and sightseeing transportation.....	34.5	45.2	40.4	35.4	33.4	34.7	34.5	34.7	0.2
Support activities for transportation.....	720.8	721.5	722.7	728.9	716.7	720.4	723.2	725.0	1.8
Couriers and messengers.....	729.6	735.0	747.6	764.5	744.2	773.0	776.1	778.5	2.4
Warehousing and storage.....	1,184.4	1,184.6	1,195.1	1,213.1	1,171.2	1,194.7	1,197.1	1,197.6	0.5
Utilities.....	553.8	555.0	549.9	549.3	554.5	552.9	551.6	550.2	-1.4
Information.....	2,839	2,849	2,822	2,831	2,832	2,822	2,826	2,822	-4
Publishing industries, except Internet.....	734.5	746.9	748.0	747.4	732.9	742.5	744.8	745.5	0.7
Motion picture and sound recording industries.....	445.7	439.2	424.7	430.0	441.0	424.6	429.2	422.9	-6.3
Broadcasting, except Internet.....	271.0	266.6	268.3	270.1	269.5	267.7	267.3	268.3	1.0
Telecommunications.....	741.3	713.9	704.2	702.9	742.6	711.4	706.0	704.7	-1.3
Data processing, hosting and related services.....	331.7	338.9	337.2	339.4	331.4	336.8	337.6	338.2	0.6
Other information services.....	314.7	343.2	339.8	341.3	315.0	339.1	340.8	342.0	1.2
Financial activities.....	8,618	8,761	8,708	8,732	8,611	8,695	8,703	8,719	16
Finance and insurance.....	6,328.6	6,387.1	6,363.5	6,379.9	6,328.0	6,362.4	6,369.7	6,375.6	5.9
Monetary authorities - central bank.....	19.6	19.6	19.4	19.4	19.6	19.5	19.5	19.4	-0.1
Credit intermediation and related activities.....	2,646.1	2,649.5	2,638.3	2,646.5	2,649.5	2,638.2	2,640.8	2,646.3	5.5
Depository credit intermediation <sup>1</sup> .....	1,709.7	1,718.7	1,709.2	1,709.2	1,715.7	1,712.5	1,714.7	1,714.2	-0.5
Commercial banking.....	1,312.9	1,312.8	1,305.0	1,303.7	1,317.8	1,308.7	1,309.5	1,308.1	-1.4
Nondepository credit intermediation.....	626.0	624.9	624.5	626.7	624.0	619.4	620.5	622.4	1.9
Activities related to credit intermediation...	310.4	305.9	304.6	310.6	309.8	306.2	305.7	309.7	4.0
Securities, commodity contracts, investments, and funds and trusts.....	961.9	985.2	974.4	976.9	961.1	975.8	975.9	976.4	0.5
Insurance carriers and related activities.....	2,701.0	2,732.8	2,731.4	2,737.1	2,697.8	2,728.9	2,733.5	2,733.5	0.0
Real estate and rental and leasing.....	2,289.8	2,374.3	2,344.4	2,352.5	2,282.7	2,332.1	2,333.7	2,343.3	9.6
Real estate.....	1,684.1	1,740.8	1,718.9	1,731.4	1,678.3	1,717.4	1,716.7	1,724.1	7.4

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: Sept.2019 - Oct.2019 <sup>P</sup>
	Oct. 2018	Aug. 2019	Sept. 2019 <sup>P</sup>	Oct. 2019 <sup>P</sup>	Oct. 2018	Aug. 2019	Sept. 2019 <sup>P</sup>	Oct. 2019 <sup>P</sup>	
Real estate and rental and leasing - Continued									
Rental and leasing services.....	582.1	609.9	602.5	598.0	580.8	591.6	593.9	596.2	2.3
Lessors of nonfinancial intangible assets....	23.6	23.6	23.0	23.1	23.6	23.1	23.1	23.0	-0.1
Professional and business services.....	21,397	21,668	21,637	21,812	21,183	21,526	21,563	21,585	22
Professional and technical services.....	9,385.2	9,629.6	9,558.9	9,656.4	9,387.8	9,631.8	9,642.9	9,659.4	16.5
Legal services.....	1,145.6	1,148.6	1,142.4	1,151.4	1,142.7	1,148.4	1,147.6	1,147.9	0.3
Accounting and bookkeeping services.....	974.2	1,003.0	993.4	1,009.6	1,023.3	1,057.2	1,058.3	1,060.1	1.8
Architectural and engineering services.....	1,498.0	1,540.4	1,525.0	1,533.8	1,489.7	1,520.9	1,522.9	1,525.4	2.5
Specialized design services.....	145.8	148.7	150.3	153.2	144.3	149.3	150.5	151.8	1.3
Computer systems design and related services.....	2,158.5	2,241.6	2,217.5	2,245.2	2,146.6	2,229.6	2,228.9	2,233.4	4.5
Management and technical consulting services.....	1,516.6	1,550.0	1,545.8	1,570.4	1,502.2	1,542.4	1,547.3	1,554.5	7.2
Scientific research and development services.....	702.3	738.6	733.0	735.3	703.9	732.5	735.4	736.9	1.5
Advertising and related services.....	490.8	491.1	488.0	492.8	488.9	489.4	489.7	490.9	1.2
Other professional and technical services...	753.4	767.6	763.5	764.7	746.1	762.3	762.2	758.5	-3.7
Management of companies and enterprises...	2,388.3	2,438.0	2,426.8	2,425.8	2,391.2	2,426.5	2,430.0	2,428.0	-2.0
Administrative and waste services.....	9,623.3	9,600.7	9,651.7	9,730.0	9,404.0	9,467.9	9,489.9	9,497.6	7.7
Administrative and support services.....	9,177.8	9,132.5	9,185.9	9,263.4	8,959.8	9,006.2	9,026.7	9,032.6	5.9
Office administrative services.....	520.0	532.8	530.1	534.2	519.2	531.6	531.1	533.4	2.3
Facilities support services.....	156.2	159.0	157.6	158.5	154.9	157.5	156.2	157.2	1.0
Employment services <sup>1</sup> .....	3,850.4	3,727.6	3,816.4	3,883.6	3,712.1	3,716.3	3,740.5	3,736.8	-3.7
Temporary help services.....	3,169.9	3,033.8	3,114.6	3,173.0	3,045.0	3,028.4	3,048.5	3,040.4	-8.1
Business support services.....	913.4	876.9	883.7	894.4	899.0	887.2	884.2	880.3	-3.9
Travel arrangement and reservation services.....	220.0	219.6	216.4	217.1	220.2	216.6	215.5	216.4	0.9
Investigation and security services.....	954.1	960.1	958.5	964.1	949.1	954.9	951.1	957.4	6.3
Services to buildings and dwellings.....	2,229.6	2,316.0	2,278.4	2,264.9	2,175.8	2,203.2	2,206.1	2,209.2	3.1
Other support services.....	334.1	340.5	344.8	346.6	329.5	339.0	342.0	341.9	-0.1
Waste management and remediation services.....	445.5	468.2	465.8	466.6	444.2	461.7	463.2	465.0	1.8
Education and health services.....	24,018	24,067	24,343	24,662	23,816	24,363	24,412	24,451	39
Educational services.....	3,899.7	3,523.3	3,795.4	4,000.9	3,739.2	3,824.6	3,829.0	3,833.9	4.9
Health care and social assistance.....	20,118.2	20,543.6	20,548.0	20,660.6	20,076.6	20,538.2	20,583.0	20,617.2	34.2
Health care <sup>3</sup> .....	16,136.6	16,478.2	16,475.0	16,533.7	16,101.3	16,451.2	16,488.8	16,503.4	14.6
Ambulatory health care services.....	7,576.5	7,800.7	7,802.3	7,842.6	7,548.2	7,791.9	7,815.7	7,823.5	7.8
Offices of physicians.....	2,642.1	2,693.5	2,694.2	2,706.8	2,631.9	2,692.7	2,699.8	2,699.1	-0.7
Offices of dentists.....	965.2	990.5	983.0	981.7	962.3	986.1	985.3	981.7	-3.6
Offices of other health practitioners.....	945.1	977.2	976.2	985.4	943.0	975.0	981.2	983.6	2.4
Outpatient care centers.....	944.4	974.9	975.2	982.2	943.8	975.3	978.8	982.2	3.4
Medical and diagnostic laboratories....	281.8	292.8	294.2	298.1	281.1	293.5	294.3	297.3	3.0
Home health care services.....	1,493.3	1,558.5	1,561.8	1,571.4	1,485.2	1,556.0	1,560.9	1,565.1	4.2
Other ambulatory health care services.....	304.6	313.3	317.7	317.0	300.9	313.4	315.4	314.6	-0.8
Hospitals.....	5,185.3	5,261.6	5,270.0	5,277.8	5,179.3	5,258.6	5,268.5	5,270.6	2.1
Nursing and residential care facilities....	3,374.8	3,415.9	3,402.7	3,413.3	3,373.8	3,400.7	3,404.6	3,409.3	4.7
Nursing care facilities.....	1,608.9	1,615.6	1,610.2	1,609.8	1,607.6	1,608.2	1,609.4	1,608.1	-1.3
Residential mental health facilities....	645.7	656.1	652.9	655.1	646.8	654.2	654.4	655.7	1.3
Community care facilities for the elderly.....	952.6	972.6	968.0	976.6	951.9	968.2	969.4	974.0	4.6
Other residential care facilities.....	167.6	171.6	171.6	171.8	167.5	170.1	171.4	171.6	0.2
Social assistance.....	3,981.6	4,065.4	4,073.0	4,126.9	3,975.3	4,087.0	4,094.2	4,113.8	19.6
Individual and family services.....	2,493.3	2,589.6	2,570.0	2,608.8	2,496.5	2,586.6	2,589.8	2,607.0	17.2
Emergency and other relief services.....	176.6	178.1	178.6	178.3	177.5	178.1	178.9	178.6	-0.3
Vocational rehabilitation services.....	331.1	329.6	326.0	329.8	331.6	326.1	327.5	329.8	2.3
Child day care services.....	980.6	968.1	998.4	1,010.0	969.8	996.0	997.9	998.4	0.5
Leisure and hospitality.....	16,402	17,416	16,909	16,781	16,450	16,738	16,783	16,844	61
Arts, entertainment, and recreation.....	2,392.6	2,750.5	2,518.0	2,444.5	2,430.3	2,456.3	2,478.2	2,485.4	7.2
Performing arts and spectator sports.....	538.3	538.7	535.4	521.9	527.2	512.9	521.4	511.6	-9.8

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: Sept.2019 - Oct.2019 <sup>p</sup>
	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>	
Arts, entertainment, and recreation - Continued									
Museums, historical sites, and similar institutions.....	172.9	187.9	177.2	178.0	172.3	175.5	175.7	177.6	1.9
Amusements, gambling, and recreation.....	1,681.4	2,023.9	1,805.4	1,744.6	1,730.8	1,767.9	1,781.1	1,796.2	15.1
Accommodation and food services.....	14,009.7	14,665.2	14,390.9	14,336.0	14,019.4	14,281.9	14,305.0	14,358.2	53.2
Accommodation.....	2,019.3	2,196.3	2,091.4	2,043.6	2,032.4	2,053.3	2,051.7	2,057.4	5.7
Food services and drinking places.....	11,990.4	12,468.9	12,299.5	12,292.4	11,987.0	12,228.6	12,253.3	12,300.8	47.5
Other services.....	5,871	5,992	5,936	5,946	5,867	5,951	5,949	5,946	-3
Repair and maintenance.....	1,338.7	1,370.8	1,368.3	1,372.9	1,337.4	1,367.8	1,368.2	1,370.8	2.6
Personal and laundry services.....	1,527.5	1,540.1	1,536.1	1,537.7	1,523.0	1,533.6	1,536.4	1,534.4	-2.0
Membership associations and organizations...	3,004.5	3,081.2	3,031.2	3,035.6	3,006.2	3,050.0	3,044.1	3,040.9	-3.2
Government.....	22,852	21,652	22,630	23,021	22,486	22,629	22,642	22,639	-3
Federal.....	2,798.0	2,854.0	2,846.0	2,827.0	2,798.0	2,844.0	2,844.0	2,827.0	-17.0
Federal, except U.S. Postal Service.....	2,194.1	2,249.7	2,243.0	2,223.8	2,193.3	2,236.9	2,238.0	2,221.0	-17.0
U.S. Postal Service.....	604.0	604.7	603.3	603.3	604.9	607.1	606.2	606.0	-0.2
State government.....	5,350.0	4,925.0	5,248.0	5,349.0	5,197.0	5,191.0	5,186.0	5,189.0	3.0
State government education.....	2,661.4	2,200.7	2,536.4	2,638.9	2,501.8	2,484.7	2,475.7	2,473.9	-1.8
State government, excluding education.....	2,688.5	2,724.1	2,711.6	2,709.7	2,695.2	2,706.4	2,709.9	2,714.7	4.8
Local government.....	14,704.0	13,873.0	14,536.0	14,845.0	14,491.0	14,594.0	14,612.0	14,623.0	11.0
Local government education.....	8,224.8	7,128.8	7,972.7	8,316.3	7,969.5	8,032.3	8,040.0	8,049.7	9.7
Local government, excluding education.....	6,478.9	6,744.2	6,563.2	6,528.8	6,521.0	6,561.6	6,571.8	6,573.7	1.9

<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 2018 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	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	34.5	34.4	34.4	34.4
Goods-producing.....	40.3	40.3	40.5	40.2
Mining and logging.....	46.1	46.3	46.3	46.4
Construction.....	38.8	39.4	39.8	39.3
Manufacturing.....	40.8	40.5	40.5	40.3
Durable goods.....	41.2	41.0	40.9	40.8
Nondurable goods.....	40.1	39.7	39.8	39.6
Private service-providing.....	33.3	33.2	33.2	33.2
Trade, transportation, and utilities.....	34.4	34.1	34.2	34.2
Wholesale trade.....	38.9	38.9	38.9	38.9
Retail trade.....	30.8	30.6	30.7	30.6
Transportation and warehousing.....	39.0	38.3	38.5	38.6
Utilities.....	42.1	42.3	42.1	42.1
Information.....	36.2	36.4	36.5	36.4
Financial activities.....	37.8	37.7	37.5	37.6
Professional and business services.....	36.2	36.2	36.1	36.2
Education and health services.....	32.9	33.0	33.0	33.0
Leisure and hospitality.....	26.1	25.9	25.8	25.8
Other services.....	31.9	31.8	31.8	31.8
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	3.5	3.2	3.2	3.2
Durable goods.....	3.5	3.2	3.2	3.2
Nondurable goods.....	3.6	3.3	3.3	3.3

p Preliminary

NOTE: Data have been revised to reflect March 2018 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			
	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>
Total private.....	\$27.35	\$28.11	\$28.12	\$28.18	\$943.58	\$966.98	\$967.33	\$969.39
Goods-producing.....	28.43	29.14	29.21	29.28	1,145.73	1,174.34	1,183.01	1,177.06
Mining and logging.....	32.72	34.30	34.58	35.03	1,508.39	1,588.09	1,601.05	1,625.39
Construction.....	30.23	30.84	30.84	30.95	1,172.92	1,215.10	1,227.43	1,216.34
Manufacturing.....	27.16	27.83	27.91	27.94	1,108.13	1,127.12	1,130.36	1,125.98
Durable goods.....	28.57	29.27	29.38	29.40	1,177.08	1,200.07	1,201.64	1,199.52
Nondurable goods.....	24.73	25.33	25.37	25.44	991.67	1,005.60	1,009.73	1,007.42
Private service-providing.....	27.10	27.87	27.86	27.92	902.43	925.28	924.95	926.94
Trade, transportation, and utilities.....	23.58	24.40	24.38	24.42	811.15	832.04	833.80	835.16
Wholesale trade.....	30.73	31.72	31.60	31.68	1,195.40	1,233.91	1,229.24	1,232.35
Retail trade.....	19.02	19.78	19.83	19.85	585.82	605.27	608.78	607.41
Transportation and warehousing.....	24.42	24.98	24.99	24.99	952.38	956.73	962.12	964.61
Utilities.....	40.97	42.02	41.83	41.62	1,724.84	1,777.45	1,761.04	1,752.20
Information.....	40.68	42.60	42.08	42.23	1,472.62	1,550.64	1,535.92	1,537.17
Financial activities.....	34.96	36.20	36.09	36.23	1,321.49	1,364.74	1,353.38	1,362.25
Professional and business services.....	32.89	33.82	33.88	34.00	1,190.62	1,224.28	1,223.07	1,230.80
Education and health services.....	27.22	27.64	27.65	27.67	895.54	912.12	912.45	913.11
Leisure and hospitality.....	16.14	16.61	16.67	16.69	421.25	430.20	430.09	430.60
Other services.....	24.74	25.07	25.09	25.18	789.21	797.23	797.86	800.72

p Preliminary

NOTE: Data have been revised to reflect March 2018 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>				
	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>	Percent change from: Sept. 2019 - Oct. 2019 <sup>p</sup>	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>	Percent change from: Sept. 2019 - Oct. 2019 <sup>p</sup>
Total private.....	110.3	111.4	111.5	111.6	0.1	144.2	149.7	149.9	150.4	0.3
Goods-producing.....	95.9	96.9	97.4	96.6	-0.8	123.3	127.6	128.6	127.8	-0.6
Mining and logging.....	108.8	108.5	108.7	108.9	0.2	142.9	149.5	150.9	153.2	1.5
Construction.....	98.7	101.9	103.1	102.0	-1.1	129.6	136.6	138.2	137.1	-0.8
Manufacturing.....	93.7	93.6	93.6	92.9	-0.7	118.3	121.2	121.5	120.7	-0.7
Durable goods.....	92.9	93.1	92.8	92.1	-0.8	117.8	121.0	121.1	120.3	-0.7
Nondurable goods.....	95.2	94.8	95.1	94.7	-0.4	119.5	121.9	122.4	122.2	-0.2
Private service-providing.....	114.1	115.3	115.4	115.6	0.2	150.2	156.1	156.3	156.8	0.3
Trade, transportation, and utilities.....	104.0	103.4	103.8	103.9	0.1	132.1	136.0	136.4	136.7	0.2
Wholesale trade.....	100.9	102.0	102.1	102.3	0.2	129.6	135.3	134.9	135.5	0.4
Retail trade.....	98.8	97.9	98.3	98.0	-0.3	124.2	128.0	128.8	128.6	-0.2
Transportation and warehousing.....	122.3	121.6	122.4	122.9	0.4	151.6	154.1	155.1	155.8	0.5
Utilities.....	101.0	101.2	100.5	100.2	-0.3	136.7	140.5	138.9	137.8	-0.8
Information.....	93.6	93.8	94.2	93.8	-0.4	135.6	142.3	141.1	141.1	0.0
Financial activities.....	106.6	107.4	106.9	107.4	0.5	145.4	151.6	150.5	151.7	0.8
Professional and business services.....	120.2	122.2	122.1	122.5	0.3	160.1	167.3	167.4	168.7	0.8
Education and health services.....	127.9	131.3	131.5	131.8	0.2	167.5	174.6	175.0	175.4	0.2
Leisure and hospitality.....	122.5	123.7	123.5	124.0	0.4	159.5	165.8	166.2	167.0	0.5
Other services.....	107.9	109.1	109.1	109.0	-0.1	146.3	149.9	150.0	150.5	0.3

<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 2018 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			
	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>
Total nonfarm.....	74,480	75,668	75,818	75,891	49.7	49.9	49.9	49.9
Total private.....	61,514	62,600	62,744	62,818	48.3	48.5	48.6	48.6
Goods-producing.....	4,637	4,724	4,733	4,732	22.2	22.4	22.4	22.4
Mining and logging.....	94	100	102	101	12.5	13.4	13.7	13.5
Construction.....	950	977	976	980	12.9	13.0	13.0	13.0
Manufacturing.....	3,593	3,647	3,655	3,651	28.2	28.4	28.5	28.5
Durable goods.....	1,907	1,942	1,942	1,936	23.8	24.1	24.1	24.1
Nondurable goods.....	1,686	1,705	1,713	1,715	35.4	35.6	35.8	35.8
Private service-providing.....	56,877	57,876	58,011	58,086	53.4	53.6	53.7	53.7
Trade, transportation, and utilities.....	11,104	11,151	11,166	11,168	40.1	40.1	40.1	40.1
Wholesale trade.....	1,760.1	1,787.5	1,795.9	1,792.0	29.9	30.1	30.2	30.1
Retail trade.....	7,842.5	7,809.2	7,812.7	7,813.0	49.7	49.6	49.6	49.5
Transportation and warehousing.....	1,371.6	1,421.1	1,425.5	1,430.7	25.0	25.6	25.6	25.7
Utilities.....	129.3	132.8	132.3	132.2	23.3	24.0	24.0	24.0
Information.....	1,117	1,130	1,128	1,127	39.4	40.0	39.9	39.9
Financial activities.....	4,871	4,903	4,909	4,911	56.6	56.4	56.4	56.3
Professional and business services.....	9,620	9,809	9,849	9,844	45.4	45.6	45.7	45.6
Education and health services.....	18,375	18,827	18,869	18,911	77.2	77.3	77.3	77.3
Leisure and hospitality.....	8,666	8,878	8,917	8,953	52.7	53.0	53.1	53.2
Other services.....	3,124	3,178	3,173	3,172	53.2	53.4	53.3	53.3
Government.....	12,966	13,068	13,074	13,073	57.7	57.7	57.7	57.7

p Preliminary

NOTE: Data have been revised to reflect March 2018 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	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>
Total private.....	104,921	106,176	106,277	106,351
Goods-producing.....	14,998	15,104	15,103	15,076
Mining and logging.....	562	544	541	544
Construction.....	5,492	5,592	5,601	5,607
Manufacturing.....	8,944	8,968	8,961	8,925
Durable goods.....	5,507	5,550	5,537	5,495
Nondurable goods.....	3,437	3,418	3,424	3,430
Private service-providing.....	89,923	91,072	91,174	91,275
Trade, transportation, and utilities.....	23,445	23,524	23,539	23,536
Wholesale trade.....	4,716.1	4,768.0	4,770.5	4,769.7
Retail trade.....	13,487.9	13,448.6	13,461.6	13,464.3
Transportation and warehousing.....	4,795.7	4,863.7	4,864.0	4,861.6
Utilities.....	445.2	443.7	442.9	440.7
Information.....	2,282	2,277	2,276	2,268
Financial activities.....	6,669	6,726	6,729	6,742
Professional and business services.....	17,294	17,504	17,528	17,555
Education and health services.....	20,914	21,401	21,441	21,474
Leisure and hospitality.....	14,459	14,717	14,742	14,783
Other services.....	4,860	4,923	4,919	4,917

<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 2018 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	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	33.7	33.6	33.6	33.6
Goods-producing.....	41.2	41.1	41.2	41.0
Mining and logging.....	46.4	47.4	47.3	48.0
Construction.....	39.4	39.9	40.2	39.7
Manufacturing.....	42.1	41.5	41.5	41.4
Durable goods.....	42.5	41.9	41.9	41.7
Nondurable goods.....	41.4	40.9	40.9	40.9
Private service-providing.....	32.5	32.4	32.3	32.3
Trade, transportation, and utilities.....	33.9	33.8	33.8	33.8
Wholesale trade.....	38.8	38.7	38.7	38.7
Retail trade.....	30.4	30.3	30.3	30.3
Transportation and warehousing.....	38.3	37.9	37.9	38.0
Utilities.....	42.6	42.7	42.2	42.7
Information.....	35.5	35.2	35.5	35.2
Financial activities.....	37.1	36.8	36.9	36.9
Professional and business services.....	35.4	35.6	35.4	35.4
Education and health services.....	32.2	32.2	32.1	32.2
Leisure and hospitality.....	24.8	24.6	24.6	24.6
Other services.....	30.9	30.8	30.7	30.7
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	4.5	4.2	4.2	4.2
Durable goods.....	4.6	4.2	4.2	4.2
Nondurable goods.....	4.3	4.2	4.1	4.2

<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 2018 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			
	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>
Total private.....	\$22.90	\$23.60	\$23.66	\$23.70	\$771.73	\$792.96	\$794.98	\$796.32
Goods-producing.....	24.21	24.83	24.89	24.94	997.45	1,020.51	1,025.47	1,022.54
Mining and logging.....	28.79	30.25	30.64	31.24	1,335.86	1,433.85	1,449.27	1,499.52
Construction.....	28.05	28.55	28.58	28.62	1,105.17	1,139.15	1,148.92	1,136.21
Manufacturing.....	21.69	22.22	22.27	22.28	913.15	922.13	924.21	922.39
Durable goods.....	22.63	23.11	23.20	23.21	961.78	968.31	972.08	967.86
Nondurable goods.....	20.13	20.75	20.73	20.76	833.38	848.68	847.86	849.08
Private service-providing.....	22.62	23.35	23.39	23.44	735.15	756.54	755.50	757.11
Trade, transportation, and utilities.....	20.10	20.79	20.77	20.79	681.39	702.70	702.03	702.70
Wholesale trade.....	25.50	26.34	26.29	26.41	989.40	1,019.36	1,017.42	1,022.07
Retail trade.....	16.06	16.71	16.73	16.73	488.22	506.31	506.92	506.92
Transportation and warehousing.....	21.99	22.59	22.56	22.50	842.22	856.16	855.02	855.00
Utilities.....	36.98	37.00	36.95	36.81	1,575.35	1,579.90	1,559.29	1,571.79
Information.....	32.37	34.01	34.32	34.37	1,149.14	1,197.15	1,218.36	1,209.82
Financial activities.....	26.94	27.83	27.85	27.93	999.47	1,024.14	1,027.67	1,030.62
Professional and business services.....	27.00	27.94	28.01	28.14	955.80	994.66	991.55	996.16
Education and health services.....	23.79	24.38	24.46	24.50	766.04	785.04	785.17	788.90
Leisure and hospitality.....	14.04	14.54	14.62	14.65	348.19	357.68	359.65	360.39
Other services.....	20.95	21.27	21.28	21.29	647.36	655.12	653.30	653.60

<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 2018 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>				
	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>	Percent change from: Sept. 2019 - Oct. 2019 <sup>p</sup>	Oct. 2018	Aug. 2019	Sept. 2019 <sup>p</sup>	Oct. 2019 <sup>p</sup>	Percent change from: Sept. 2019 - Oct. 2019 <sup>p</sup>
Total private.....	117.8	118.9	119.0	119.1	0.1	180.3	187.5	188.1	188.6	0.3
Goods-producing.....	94.4	94.9	95.1	94.5	-0.6	140.0	144.2	144.9	144.2	-0.5
Mining and logging.....	138.6	137.0	136.0	138.8	2.1	232.0	241.1	242.3	252.1	4.0
Construction.....	108.3	111.7	112.7	111.5	-1.1	164.1	172.2	174.0	172.2	-1.0
Manufacturing.....	86.4	85.4	85.4	84.8	-0.7	122.6	124.1	124.3	123.6	-0.6
Durable goods.....	87.9	87.4	87.2	86.1	-1.3	124.2	126.0	126.2	124.7	-1.2
Nondurable goods.....	83.8	82.4	82.5	82.7	0.2	119.3	120.8	120.9	121.3	0.3
Private service-providing.....	124.5	125.7	125.4	125.6	0.2	193.1	201.2	201.2	201.8	0.3
Trade, transportation, and utilities.....	111.0	111.0	111.1	111.1	0.0	159.3	164.8	164.7	164.9	0.1
Wholesale trade.....	108.6	109.5	109.6	109.6	0.0	163.5	170.3	170.0	170.8	0.5
Retail trade.....	103.8	103.1	103.2	103.2	0.0	142.8	147.7	148.0	148.0	0.0
Transportation and warehousing.....	138.2	138.6	138.7	139.0	0.2	192.7	198.6	198.4	198.3	-0.1
Utilities.....	97.0	96.9	95.6	96.2	0.6	149.7	149.6	147.4	147.9	0.3
Information.....	92.5	91.5	92.2	91.1	-1.2	148.2	154.0	156.7	155.0	-1.1
Financial activities.....	116.5	116.5	116.9	117.1	0.2	193.0	199.5	200.3	201.2	0.4
Professional and business services.....	136.9	139.3	138.7	138.9	0.1	219.8	231.5	231.1	232.5	0.6
Education and health services.....	143.6	146.9	146.7	147.4	0.5	225.5	236.4	236.9	238.4	0.6
Leisure and hospitality.....	131.3	132.6	132.8	133.2	0.3	209.4	219.0	220.6	221.6	0.5
Other services.....	105.3	106.3	105.9	105.9	0.0	160.8	164.8	164.2	164.2	0.0

<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 2018 benchmark levels and updated seasonal adjustment factors.