



**Transmission of material in this news release is embargoed until 8:30 a.m. (EST) Friday, December 6, 2019**

USDL-19-2105

Technical information:

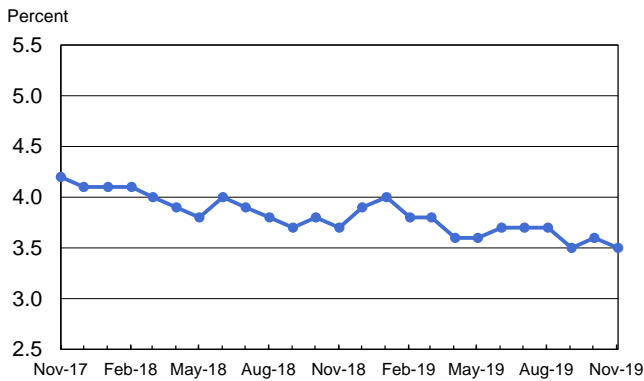
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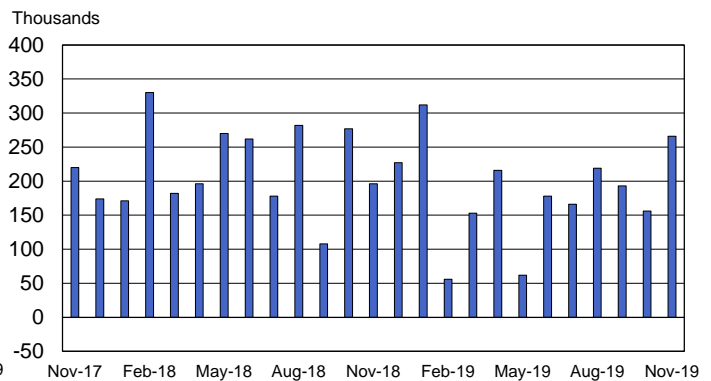
**THE EMPLOYMENT SITUATION — NOVEMBER 2019**

Total **nonfarm payroll employment** rose by 266,000 in November, and the **unemployment rate** was little changed at 3.5 percent, the U.S. Bureau of Labor Statistics reported today. Notable job gains occurred in health care and in professional and technical services. Employment rose in manufacturing, reflecting the return of workers from a strike.

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



**Chart 2. Nonfarm payroll employment over-the-month change, seasonally adjusted, November 2017 – November 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 3.5 percent, and the number of **unemployed persons**, at 5.8 million, changed little in November. (See table A-1.)

Among the **major worker groups**, the unemployment rates for adult men (3.2 percent), adult women (3.2 percent), teenagers (12.0 percent), Whites (3.2 percent), Blacks (5.5 percent), Asians (2.6 percent), and Hispanics (4.2 percent) showed little or no change in November. (See tables A-1, A-2, and A-3.)

The number of **long-term unemployed** (those jobless for 27 weeks or more), at 1.2 million, was essentially unchanged in November and accounted for 20.8 percent of the unemployed. (See table A-12.)

The **labor force participation rate** was little changed at 63.2 percent in November. The **employment-population ratio** was 61.0 percent for the third consecutive month. (See table A-1.)

The number of persons employed **part time for economic reasons**, at 4.3 million, changed little in November. These individuals, who would have preferred full-time employment, were working part time because their hours had been reduced or they were unable to find full-time jobs. (See table A-8.)

In November, 1.2 million persons were **marginally attached to the labor force**, down by 432,000 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 325,000 **discouraged workers** in November, down by 128,000 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 921,000 persons marginally attached to the labor force in November had not searched for work for reasons such as school attendance or family responsibilities. (See table A-16.)

### **Establishment Survey Data**

Total **nonfarm payroll employment** rose by 266,000 in November. Job growth has averaged 180,000 per month thus far in 2019, compared with an average monthly gain of 223,000 in 2018. In November, notable job gains occurred in health care and in professional and technical services. Employment also increased in manufacturing, reflecting the return of workers from a strike. Employment continued to trend up in leisure and hospitality, transportation and warehousing, and financial activities, while mining lost jobs. (See table B-1.)

In November, **health care** added 45,000 jobs, following little employment change in October (+12,000). The November job gains occurred in ambulatory health care services (+34,000) and in hospitals (+10,000). Health care has added 414,000 jobs over the last 12 months.

Employment in **professional and technical services** increased by 31,000 in November and by 278,000 over the last 12 months.

**Manufacturing** employment rose by 54,000 in November, following a decline of 43,000 in the prior month. Within manufacturing, employment in motor vehicles and parts was up by 41,000 in November, reflecting the return of workers who were on strike in October.

In November, employment in **leisure and hospitality** continued to trend up (+45,000). The industry has added 219,000 jobs over the last 4 months.

Employment in **transportation and warehousing** continued on an upward trend in November (+16,000). Within the industry, job gains occurred in warehousing and storage (+8,000) and in couriers and messengers (+5,000).

**Financial activities** employment also continued to trend up in November (+13,000), with a gain of 7,000 in credit intermediation and related activities. Financial activities has added 116,000 jobs over the last 12 months.

**Mining** lost jobs in November (-7,000), largely in support activities for mining (-6,000). Mining employment is down by 19,000 since a recent peak in May.

In November, employment in **retail trade** was about unchanged (+2,000). Within the industry, employment rose in general merchandise stores (+22,000) and in motor vehicle and parts dealers (+8,000), while clothing and clothing accessories stores lost jobs (-18,000).

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

In November, **average hourly earnings for all employees** on private nonfarm payrolls rose by 7 cents to \$28.29. Over the last 12 months, average hourly earnings have increased by 3.1 percent. In November, average hourly earnings of private-sector **production and nonsupervisory employees** rose by 7 cents to \$23.83. (See tables B-3 and B-8.)

The **average workweek for all employees** on private nonfarm payrolls was unchanged at 34.4 hours in November. In manufacturing, the average workweek increased by 0.1 hour to 40.5 hours, while overtime decreased by 0.1 hour to 3.1 hours. The average workweek of private-sector **production and nonsupervisory employees** held at 33.5 hours. (See tables B-2 and B-7.)

The change in total nonfarm payroll employment for September was revised up by 13,000 from +180,000 to +193,000, and the change for October was revised up by 28,000 from +128,000 to +156,000. With these revisions, employment gains in September and October combined were 41,000 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 205,000 over the last 3 months.

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**The Employment Situation for December is scheduled to be released on Friday, January 10, 2020, at 8:30 a.m. (EST).**

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

In accordance with usual practice, The Employment Situation for December 2019, scheduled for January 10, 2020, will incorporate annual revisions to seasonally adjusted household survey data. Seasonally adjusted data for the most recent 5 years are subject to revision.

### **Upcoming Changes to Household Survey Data**

With the publication of The Employment Situation for January 2020 on February 7, 2020, two not seasonally adjusted series currently displayed in Summary table A—persons marginally attached to the labor force and discouraged workers—will be replaced with new seasonally adjusted series. The new seasonally adjusted series will be available in the BLS online database back to 1994. Not seasonally adjusted data for persons marginally attached to the labor force and for discouraged workers will continue to be published in table A-16. These series will also be available in the BLS online database back to 1994.

Persons marginally attached to the labor force and discouraged workers are inputs into three alternative measures of labor underutilization displayed in table A-15. Therefore, with the publication of The Employment Situation for January 2020, data for U-4, U-5, and U-6 in table A-15 will reflect the new seasonally adjusted series. Revised data back to 1994 will be available in the BLS online database. Not seasonally adjusted series for the alternative measures will be unaffected.

Beginning with data for January 2020, occupation estimates in table A-13 will reflect the introduction of the 2018 Census occupation classification system into the household survey. This occupation classification system is derived from the 2018 Standard Occupational Classification (SOC) system. In addition, industry estimates in table A-14 will reflect the introduction of the 2017 Census industry classification system, which is derived from the 2017 North American Industry Classification System (NAICS). Historical data on occupation and industry will not be revised. Beginning with data for January 2020, estimates will not be strictly comparable with earlier years.

Also beginning with data for January 2020, estimates of married persons will include those in opposite-sex and same-sex marriages. Prior to January 2020, these estimates include only those in opposite-sex marriages. This will affect marital status estimates in tables A-9 and A-10. Historical data will not be revised.

# HOUSEHOLD DATA

## Summary table A. Household data, seasonally adjusted

[Numbers in thousands]

Category	Nov. 2018	Sept. 2019	Oct. 2019	Nov. 2019	Change from: Oct. 2019- Nov. 2019
<b>Employment status</b>					
Civilian noninstitutional population.....	258,708	259,638	259,845	260,020	175
Civilian labor force.....	162,821	164,039	164,364	164,404	40
Participation rate.....	62.9	63.2	63.3	63.2	-0.1
Employed.....	156,803	158,269	158,510	158,593	83
Employment-population ratio.....	60.6	61.0	61.0	61.0	0.0
Unemployed.....	6,018	5,769	5,855	5,811	-44
Unemployment rate.....	3.7	3.5	3.6	3.5	-0.1
Not in labor force.....	95,886	95,599	95,481	95,616	135
<b>Unemployment rates</b>					
Total, 16 years and over.....	3.7	3.5	3.6	3.5	-0.1
Adult men (20 years and over).....	3.3	3.2	3.2	3.2	0.0
Adult women (20 years and over).....	3.4	3.1	3.2	3.2	0.0
Teenagers (16 to 19 years).....	12.0	12.5	12.3	12.0	-0.3
White.....	3.4	3.2	3.2	3.2	0.0
Black or African American.....	6.0	5.5	5.4	5.5	0.1
Asian.....	2.7	2.5	2.9	2.6	-0.3
Hispanic or Latino ethnicity.....	4.5	3.9	4.1	4.2	0.1
Total, 25 years and over.....	3.0	2.8	2.9	2.9	0.0
Less than a high school diploma.....	5.6	4.8	5.6	5.3	-0.3
High school graduates, no college.....	3.5	3.6	3.7	3.7	0.0
Some college or associate degree.....	3.1	2.9	2.9	2.9	0.0
Bachelor's degree and higher.....	2.2	2.0	2.1	2.0	-0.1
<b>Reason for unemployment</b>					
Job losers and persons who completed temporary jobs.....	2,842	2,572	2,674	2,806	132
Job leavers.....	697	840	849	777	-72
Reentrants.....	1,880	1,669	1,703	1,664	-39
New entrants.....	577	677	627	586	-41
<b>Duration of unemployment</b>					
Less than 5 weeks.....	2,128	1,868	1,968	2,020	52
5 to 14 weeks.....	1,842	1,781	1,749	1,757	8
15 to 26 weeks.....	865	819	899	872	-27
27 weeks and over.....	1,259	1,314	1,264	1,224	-40
<b>Employed persons at work part time</b>					
Part time for economic reasons.....	4,781	4,350	4,438	4,322	-116
Slack work or business conditions.....	2,882	2,588	2,754	2,633	-121
Could only find part-time work.....	1,562	1,322	1,287	1,268	-19
Part time for noneconomic reasons.....	20,909	21,573	21,549	21,534	-15
<b>Persons not in the labor force (not seasonally adjusted)</b>					
Marginally attached to the labor force.....	1,678	1,299	1,229	1,246	-
Discouraged workers.....	453	321	341	325	-

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

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

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

Category	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>
<b>EMPLOYMENT BY SELECTED INDUSTRY</b> (Over-the-month change, in thousands)				
Total nonfarm.....	196	193	156	266
Total private.....	200	183	163	254
Goods-producing.....	29	11	-25	48
Mining and logging.....	-3	0	4	-7
Construction.....	5	9	14	1
Manufacturing.....	27	2	-43	54
Durable goods <sup>1</sup> .....	16	-1	-50	44
Motor vehicles and parts.....	-1.9	0.6	-42.8	41.3
Nondurable goods.....	11	3	7	10
Private service-providing.....	171	172	188	206
Wholesale trade.....	11.3	5.0	10.0	-4.3
Retail trade.....	32.5	12.0	22.0	2.0
Transportation and warehousing.....	23.6	8.5	6.1	15.5
Utilities.....	0.3	-1.3	-1.6	0.5
Information.....	-3	6	-6	13
Financial activities.....	3	6	16	13
Professional and business services <sup>1</sup> .....	34	27	43	38
Temporary help services.....	1.3	9.9	3.8	4.8
Education and health services <sup>1</sup> .....	29	57	30	74
Health care and social assistance.....	36.6	49.0	33.1	60.2
Leisure and hospitality.....	39	56	70	45
Other services.....	1	-5	-1	9
Government.....	-4	10	-7	12
<b>(3-month average change, in thousands)</b>				
Total nonfarm.....	194	193	189	205
Total private.....	198	156	170	200
<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	50.0	50.0
Total private women employees.....	48.3	48.6	48.6	48.6
Total private production and nonsupervisory employees.....	82.4	82.3	82.3	82.2
<b>HOURS AND EARNINGS</b> <b>ALL EMPLOYEES</b>				
<b>Total private</b>				
Average weekly hours.....	34.4	34.4	34.4	34.4
Average hourly earnings.....	\$27.43	\$28.12	\$28.22	\$28.29
Average weekly earnings.....	\$943.59	\$967.33	\$970.77	\$973.18
Index of aggregate weekly hours (2007=100) <sup>3</sup> .....	110.1	111.5	111.7	111.9
Over-the-month percent change.....	-0.2	0.1	0.2	0.2
Index of aggregate weekly payrolls (2007=100) <sup>4</sup> .....	144.4	149.9	150.7	151.3
Over-the-month percent change.....	0.1	0.1	0.5	0.4
<b>DIFFUSION INDEX</b> (Over 1-month span) <sup>5</sup>				
Total private (258 industries).....	61.6	56.6	52.7	61.6
Manufacturing (76 industries).....	65.8	43.4	36.2	54.6

<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>					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
<b>TOTAL</b>									
Civilian noninstitutional population.....	258,708	259,845	260,020	258,708	259,225	259,432	259,638	259,845	260,020
Civilian labor force.....	162,665	164,576	164,386	162,821	163,351	163,922	164,039	164,364	164,404
Participation rate.....	62.9	63.3	63.2	62.9	63.0	63.2	63.2	63.3	63.2
Employed.....	157,015	159,067	158,945	156,803	157,288	157,878	158,269	158,510	158,593
Employment-population ratio.....	60.7	61.2	61.1	60.6	60.7	60.9	61.0	61.0	61.0
Unemployed.....	5,650	5,510	5,441	6,018	6,063	6,044	5,769	5,855	5,811
Unemployment rate.....	3.5	3.3	3.3	3.7	3.7	3.7	3.5	3.6	3.5
Not in labor force.....	96,043	95,269	95,634	95,886	95,874	95,510	95,599	95,481	95,616
Persons who currently want a job.....	5,060	4,412	4,515	5,397	5,043	5,150	4,880	4,753	4,831
<b>Men, 16 years and over</b>									
Civilian noninstitutional population.....	125,137	125,687	125,773	125,137	125,378	125,481	125,583	125,687	125,773
Civilian labor force.....	85,974	86,824	86,864	86,330	86,805	86,832	86,839	86,884	87,153
Participation rate.....	68.7	69.1	69.1	69.0	69.2	69.2	69.1	69.1	69.3
Employed.....	83,033	83,918	83,973	83,194	83,584	83,600	83,732	83,753	84,060
Employment-population ratio.....	66.4	66.8	66.8	66.5	66.7	66.6	66.7	66.6	66.8
Unemployed.....	2,941	2,906	2,890	3,136	3,221	3,233	3,107	3,132	3,094
Unemployment rate.....	3.4	3.3	3.3	3.6	3.7	3.7	3.6	3.6	3.5
Not in labor force.....	39,163	38,863	38,909	38,807	38,573	38,649	38,744	38,802	38,620
<b>Men, 20 years and over</b>									
Civilian noninstitutional population.....	116,646	117,242	117,331	116,646	116,939	117,040	117,140	117,242	117,331
Civilian labor force.....	83,231	83,967	83,970	83,408	83,794	83,868	83,829	83,902	84,106
Participation rate.....	71.4	71.6	71.6	71.5	71.7	71.7	71.6	71.6	71.7
Employed.....	80,636	81,433	81,464	80,633	80,981	81,039	81,135	81,181	81,421
Employment-population ratio.....	69.1	69.5	69.4	69.1	69.3	69.2	69.3	69.2	69.4
Unemployed.....	2,596	2,534	2,506	2,775	2,814	2,830	2,694	2,721	2,685
Unemployment rate.....	3.1	3.0	3.0	3.3	3.4	3.4	3.2	3.2	3.2
Not in labor force.....	33,414	33,275	33,361	33,238	33,144	33,171	33,311	33,340	33,225
<b>Women, 16 years and over</b>									
Civilian noninstitutional population.....	133,571	134,158	134,247	133,571	133,847	133,951	134,054	134,158	134,247
Civilian labor force.....	76,691	77,752	77,522	76,492	76,546	77,090	77,199	77,480	77,251
Participation rate.....	57.4	58.0	57.7	57.3	57.2	57.6	57.6	57.8	57.5
Employed.....	73,982	75,149	74,971	73,609	73,705	74,278	74,537	74,757	74,533
Employment-population ratio.....	55.4	56.0	55.8	55.1	55.1	55.5	55.6	55.7	55.5
Unemployed.....	2,709	2,603	2,550	2,883	2,841	2,812	2,662	2,723	2,718
Unemployment rate.....	3.5	3.3	3.3	3.8	3.7	3.6	3.4	3.5	3.5
Not in labor force.....	56,880	56,406	56,725	57,079	57,301	56,861	56,855	56,678	56,996
<b>Women, 20 years and over</b>									
Civilian noninstitutional population.....	125,299	125,907	125,998	125,299	125,604	125,705	125,806	125,907	125,998
Civilian labor force.....	73,820	74,891	74,695	73,478	73,548	74,123	74,314	74,517	74,296
Participation rate.....	58.9	59.5	59.3	58.6	58.6	59.0	59.1	59.2	59.0
Employed.....	71,438	72,584	72,426	70,949	71,069	71,655	71,974	72,112	71,888
Employment-population ratio.....	57.0	57.6	57.5	56.6	56.6	57.0	57.2	57.3	57.1
Unemployed.....	2,383	2,307	2,269	2,529	2,479	2,468	2,340	2,405	2,408
Unemployment rate.....	3.2	3.1	3.0	3.4	3.4	3.3	3.1	3.2	3.2
Not in labor force.....	51,479	51,016	51,303	51,821	52,057	51,582	51,491	51,390	51,702
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population.....	16,763	16,696	16,692	16,763	16,682	16,687	16,691	16,696	16,692
Civilian labor force.....	5,613	5,718	5,721	5,935	6,009	5,931	5,895	5,946	6,003
Participation rate.....	33.5	34.2	34.3	35.4	36.0	35.5	35.3	35.6	36.0
Employed.....	4,941	5,050	5,055	5,221	5,239	5,184	5,160	5,217	5,285
Employment-population ratio.....	29.5	30.2	30.3	31.1	31.4	31.1	30.9	31.2	31.7
Unemployed.....	672	668	666	714	770	747	735	729	718
Unemployment rate.....	12.0	11.7	11.6	12.0	12.8	12.6	12.5	12.3	12.0
Not in labor force.....	11,150	10,978	10,971	10,828	10,673	10,756	10,796	10,750	10,689

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

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Employment status, race, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
<b>WHITE</b>									
Civilian noninstitutional population.....	200,690	201,172	201,254	200,690	200,843	200,953	201,062	201,172	201,254
Civilian labor force.....	126,165	127,165	127,170	126,334	126,345	126,765	127,053	127,114	127,192
Participation rate.....	62.9	63.2	63.2	63.0	62.9	63.1	63.2	63.2	63.2
Employed.....	122,247	123,402	123,397	122,036	122,144	122,471	122,972	123,012	123,077
Employment-population ratio.....	60.9	61.3	61.3	60.8	60.8	60.9	61.2	61.1	61.2
Unemployed.....	3,918	3,763	3,773	4,299	4,201	4,293	4,081	4,102	4,115
Unemployment rate.....	3.1	3.0	3.0	3.4	3.3	3.4	3.2	3.2	3.2
Not in labor force.....	74,525	74,007	74,084	74,355	74,498	74,188	74,008	74,058	74,063
<b>Men, 20 years and over</b>									
Civilian labor force.....	65,825	66,081	66,143	65,961	65,994	66,066	66,134	66,119	66,226
Participation rate.....	71.6	71.7	71.7	71.8	71.7	71.8	71.8	71.7	71.8
Employed.....	64,000	64,316	64,336	63,960	64,005	64,094	64,246	64,168	64,262
Employment-population ratio.....	69.6	69.8	69.8	69.6	69.6	69.6	69.7	69.6	69.7
Unemployed.....	1,826	1,765	1,807	2,000	1,989	1,972	1,888	1,951	1,964
Unemployment rate.....	2.8	2.7	2.7	3.0	3.0	3.0	2.9	3.0	3.0
<b>Women, 20 years and over</b>									
Civilian labor force.....	56,054	56,682	56,591	55,819	55,663	56,063	56,356	56,394	56,281
Participation rate.....	58.1	58.6	58.5	57.9	57.6	58.0	58.3	58.3	58.1
Employed.....	54,413	55,143	55,095	54,023	53,988	54,286	54,707	54,750	54,648
Employment-population ratio.....	56.4	57.0	56.9	56.0	55.9	56.2	56.6	56.6	56.5
Unemployed.....	1,642	1,539	1,496	1,796	1,675	1,776	1,649	1,644	1,633
Unemployment rate.....	2.9	2.7	2.6	3.2	3.0	3.2	2.9	2.9	2.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	4,285	4,402	4,436	4,554	4,687	4,636	4,563	4,601	4,685
Participation rate.....	34.8	36.0	36.2	37.0	38.3	37.9	37.3	37.6	38.3
Employed.....	3,835	3,943	3,966	4,052	4,151	4,091	4,019	4,093	4,167
Employment-population ratio.....	31.2	32.2	32.4	32.9	33.9	33.4	32.8	33.4	34.1
Unemployed.....	450	460	470	502	536	545	545	508	518
Unemployment rate.....	10.5	10.4	10.6	11.0	11.4	11.8	11.9	11.0	11.1
<b>BLACK OR AFRICAN AMERICAN</b>									
Civilian noninstitutional population.....	32,923	33,152	33,184	32,923	33,045	33,081	33,116	33,152	33,184
Civilian labor force.....	20,467	20,834	20,670	20,451	20,714	20,588	20,669	20,682	20,662
Participation rate.....	62.2	62.8	62.3	62.1	62.7	62.2	62.4	62.4	62.3
Employed.....	19,288	19,695	19,587	19,232	19,481	19,463	19,540	19,559	19,527
Employment-population ratio.....	58.6	59.4	59.0	58.4	59.0	58.8	59.0	59.0	58.8
Unemployed.....	1,179	1,139	1,083	1,219	1,233	1,125	1,129	1,123	1,135
Unemployment rate.....	5.8	5.5	5.2	6.0	6.0	5.5	5.5	5.4	5.5
Not in labor force.....	12,456	12,317	12,515	12,472	12,331	12,492	12,447	12,470	12,523
<b>Men, 20 years and over</b>									
Civilian labor force.....	9,298	9,552	9,475	9,310	9,502	9,490	9,490	9,484	9,499
Participation rate.....	67.3	68.5	67.9	67.4	68.4	68.3	68.2	68.0	68.0
Employed.....	8,771	9,068	9,024	8,771	8,953	8,931	8,975	9,005	9,019
Employment-population ratio.....	63.5	65.0	64.6	63.5	64.5	64.2	64.5	64.6	64.6
Unemployed.....	528	484	451	539	549	559	515	480	480
Unemployment rate.....	5.7	5.1	4.8	5.8	5.8	5.9	5.4	5.1	5.1
<b>Women, 20 years and over</b>									
Civilian labor force.....	10,375	10,567	10,490	10,303	10,421	10,379	10,460	10,471	10,436
Participation rate.....	62.4	63.1	62.5	62.0	62.4	62.1	62.5	62.5	62.2
Employed.....	9,872	10,039	9,995	9,789	9,877	9,926	9,978	9,967	9,929
Employment-population ratio.....	59.4	59.9	59.6	58.9	59.2	59.4	59.6	59.5	59.2
Unemployed.....	503	528	494	515	544	453	482	503	508
Unemployment rate.....	4.8	5.0	4.7	5.0	5.2	4.4	4.6	4.8	4.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	794	715	704	837	790	719	719	726	726
Participation rate.....	31.9	29.1	28.7	33.6	32.1	29.2	29.3	29.6	29.6
Employed.....	645	588	568	672	650	605	587	587	579
Employment-population ratio.....	25.9	23.9	23.1	27.0	26.4	24.6	23.9	23.9	23.6
Unemployed.....	149	127	137	165	140	113	132	139	147
Unemployment rate.....	18.7	17.8	19.4	19.7	17.7	15.7	18.3	19.2	20.3

See footnotes at end of table.

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Employment status, race, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
<b>ASIAN</b>									
Civilian noninstitutional population.....	16,096	16,399	16,558	16,096	16,399	16,433	16,400	16,399	16,558
Civilian labor force.....	10,281	10,669	10,666	10,334	10,449	10,524	10,519	10,721	10,716
Participation rate.....	63.9	65.1	64.4	64.2	63.7	64.0	64.1	65.4	64.7
Employed.....	9,999	10,371	10,391	10,050	10,160	10,225	10,260	10,416	10,439
Employment-population ratio.....	62.1	63.2	62.8	62.4	62.0	62.2	62.6	63.5	63.0
Unemployed.....	282	298	274	284	289	299	258	306	277
Unemployment rate.....	2.7	2.8	2.6	2.7	2.8	2.8	2.5	2.9	2.6
Not in labor force.....	5,814	5,730	5,892	5,762	5,950	5,909	5,881	5,678	5,842

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

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
<b>HISPANIC OR LATINO ETHNICITY</b>									
Civilian noninstitutional population.....	43,146	43,814	43,902	43,146	43,537	43,630	43,722	43,814	43,902
Civilian labor force.....	28,854	29,542	29,679	28,820	28,896	29,082	29,287	29,486	29,587
Participation rate.....	66.9	67.4	67.6	66.8	66.4	66.7	67.0	67.3	67.4
Employed.....	27,585	28,419	28,472	27,524	27,581	27,866	28,152	28,282	28,350
Employment-population ratio.....	63.9	64.9	64.9	63.8	63.4	63.9	64.4	64.6	64.6
Unemployed.....	1,269	1,123	1,207	1,296	1,314	1,216	1,135	1,204	1,237
Unemployment rate.....	4.4	3.8	4.1	4.5	4.5	4.2	3.9	4.1	4.2
Not in labor force.....	14,293	14,272	14,223	14,326	14,642	14,548	14,435	14,328	14,314
<b>Men, 20 years and over</b>									
Civilian labor force.....	15,599	15,858	16,015	15,595	15,651	15,718	15,791	15,841	15,989
Participation rate.....	80.1	80.2	80.8	80.1	79.6	79.8	80.0	80.1	80.7
Employed.....	15,080	15,377	15,551	15,063	15,017	15,186	15,320	15,307	15,504
Employment-population ratio.....	77.4	77.7	78.4	77.3	76.4	77.1	77.6	77.4	78.2
Unemployed.....	519	481	464	533	634	532	471	533	485
Unemployment rate.....	3.3	3.0	2.9	3.4	4.0	3.4	3.0	3.4	3.0
<b>Women, 20 years and over</b>									
Civilian labor force.....	11,945	12,376	12,294	11,857	11,929	12,113	12,191	12,327	12,197
Participation rate.....	60.6	61.8	61.3	60.2	60.0	60.8	61.0	61.6	60.8
Employed.....	11,395	11,922	11,771	11,308	11,480	11,604	11,724	11,844	11,676
Employment-population ratio.....	57.8	59.5	58.7	57.4	57.7	58.2	58.7	59.2	58.2
Unemployed.....	550	455	522	550	449	509	467	483	520
Unemployment rate.....	4.6	3.7	4.2	4.6	3.8	4.2	3.8	3.9	4.3
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	1,310	1,307	1,370	1,367	1,316	1,251	1,305	1,318	1,402
Participation rate.....	33.0	32.6	34.1	34.5	33.0	31.3	32.6	32.9	34.9
Employed.....	1,110	1,121	1,150	1,154	1,084	1,076	1,108	1,130	1,170
Employment-population ratio.....	28.0	27.9	28.6	29.1	27.2	26.9	27.7	28.2	29.2
Unemployed.....	200	187	221	214	232	175	197	188	232
Unemployment rate.....	15.3	14.3	16.1	15.6	17.6	14.0	15.1	14.3	16.5

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

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Educational attainment	Not seasonally adjusted			Seasonally adjusted					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
<b>Less than a high school diploma</b>									
Civilian labor force.....	10,254	9,588	9,778	10,191	9,975	10,032	9,929	9,786	9,748
Participation rate.....	47.0	46.3	46.6	46.7	47.1	47.1	46.0	47.2	46.5
Employed.....	9,700	9,137	9,279	9,619	9,466	9,490	9,448	9,242	9,231
Employment-population ratio.....	44.4	44.1	44.2	44.0	44.7	44.6	43.7	44.6	44.0
Unemployed.....	554	452	498	572	509	542	480	544	517
Unemployment rate.....	5.4	4.7	5.1	5.6	5.1	5.4	4.8	5.6	5.3
<b>High school graduates, no college<sup>1</sup></b>									
Civilian labor force.....	35,967	36,439	36,238	35,901	36,286	36,318	36,313	36,270	36,202
Participation rate.....	57.7	58.0	58.1	57.6	57.5	57.3	57.8	57.8	58.0
Employed.....	34,764	35,160	34,977	34,631	34,982	35,023	35,005	34,941	34,872
Employment-population ratio.....	55.8	56.0	56.1	55.6	55.4	55.3	55.7	55.7	55.9
Unemployed.....	1,203	1,279	1,260	1,271	1,304	1,295	1,308	1,328	1,329
Unemployment rate.....	3.3	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7
<b>Some college or associate degree</b>									
Civilian labor force.....	37,649	37,881	37,626	37,471	37,222	37,710	37,452	37,581	37,451
Participation rate.....	65.6	65.3	65.0	65.3	65.0	65.6	65.1	64.8	64.7
Employed.....	36,516	36,862	36,572	36,293	36,028	36,549	36,363	36,510	36,354
Employment-population ratio.....	63.6	63.6	63.2	63.2	62.9	63.6	63.2	63.0	62.8
Unemployed.....	1,133	1,018	1,054	1,178	1,194	1,161	1,089	1,072	1,097
Unemployment rate.....	3.0	2.7	2.8	3.1	3.2	3.1	2.9	2.9	2.9
<b>Bachelor's degree and higher<sup>2</sup></b>									
Civilian labor force.....	58,392	59,700	60,112	58,451	58,664	58,800	59,080	59,517	59,932
Participation rate.....	73.7	74.0	74.2	73.8	73.4	73.9	73.9	73.8	74.0
Employed.....	57,194	58,520	59,024	57,150	57,399	57,551	57,884	58,274	58,753
Employment-population ratio.....	72.2	72.6	72.8	72.1	71.8	72.3	72.4	72.3	72.5
Unemployed.....	1,198	1,180	1,088	1,301	1,265	1,249	1,196	1,243	1,178
Unemployment rate.....	2.1	2.0	1.8	2.2	2.2	2.1	2.0	2.1	2.0

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

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

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



**HOUSEHOLD DATA**

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

[Numbers in thousands]

Employment status, veteran status, and period of service	Total		Men		Women	
	Nov. 2018	Nov. 2019	Nov. 2018	Nov. 2019	Nov. 2018	Nov. 2019
<b>VETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	19,060	18,669	17,187	16,777	1,873	1,892
Civilian labor force.....	9,458	9,169	8,297	8,077	1,162	1,092
Participation rate.....	49.6	49.1	48.3	48.1	62.0	57.7
Employed.....	9,167	8,860	8,040	7,824	1,127	1,036
Employment-population ratio.....	48.1	47.5	46.8	46.6	60.2	54.8
Unemployed.....	291	309	257	253	35	55
Unemployment rate.....	3.1	3.4	3.1	3.1	3.0	5.1
Not in labor force.....	9,602	9,500	8,890	8,700	711	800
<b>Gulf War-era II veterans</b>						
Civilian noninstitutional population.....	4,226	4,446	3,506	3,662	720	784
Civilian labor force.....	3,489	3,488	2,957	2,952	533	537
Participation rate.....	82.6	78.5	84.3	80.6	73.9	68.5
Employed.....	3,370	3,324	2,859	2,830	511	494
Employment-population ratio.....	79.7	74.8	81.5	77.3	70.9	63.0
Unemployed.....	120	164	98	122	22	43
Unemployment rate.....	3.4	4.7	3.3	4.1	4.1	8.0
Not in labor force.....	737	957	549	710	188	247
<b>Gulf War-era I veterans</b>						
Civilian noninstitutional population.....	3,074	3,077	2,587	2,619	487	458
Civilian labor force.....	2,382	2,278	2,032	1,971	350	307
Participation rate.....	77.5	74.0	78.5	75.3	71.8	67.0
Employed.....	2,321	2,224	1,977	1,925	344	299
Employment-population ratio.....	75.5	72.3	76.4	73.5	70.6	65.2
Unemployed.....	61	54	55	46	6	8
Unemployment rate.....	2.6	2.4	2.7	2.3	1.7	2.6
Not in labor force.....	692	799	555	648	137	151
<b>World War II, Korean War, and Vietnam-era veterans</b>						
Civilian noninstitutional population.....	7,469	6,977	7,213	6,732	256	245
Civilian labor force.....	1,600	1,452	1,532	1,404	68	48
Participation rate.....	21.4	20.8	21.2	20.9	26.5	19.5
Employed.....	1,565	1,409	1,497	1,361	68	48
Employment-population ratio.....	21.0	20.2	20.8	20.2	26.5	19.5
Unemployed.....	35	43	35	43	0	0
Unemployment rate.....	2.2	3.0	2.3	3.1	-	-
Not in labor force.....	5,869	5,525	5,681	5,328	188	197
<b>Veterans of other service periods</b>						
Civilian noninstitutional population.....	4,291	4,169	3,881	3,764	410	405
Civilian labor force.....	1,988	1,951	1,776	1,750	212	200
Participation rate.....	46.3	46.8	45.8	46.5	51.6	49.5
Employed.....	1,912	1,903	1,708	1,708	204	195
Employment-population ratio.....	44.6	45.6	44.0	45.4	49.9	48.2
Unemployed.....	76	47	68	43	7	5
Unemployment rate.....	3.8	2.4	3.8	2.4	3.4	2.4
Not in labor force.....	2,303	2,218	2,105	2,014	198	205
<b>NONVETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	230,685	232,381	103,394	104,496	127,291	127,884
Civilian labor force.....	151,133	153,041	76,761	77,777	74,372	75,264
Participation rate.....	65.5	65.9	74.2	74.4	58.4	58.9
Employed.....	146,041	148,171	74,218	75,287	71,823	72,884
Employment-population ratio.....	63.3	63.8	71.8	72.0	56.4	57.0
Unemployed.....	5,093	4,871	2,543	2,491	2,549	2,380
Unemployment rate.....	3.4	3.2	3.3	3.2	3.4	3.2
Not in labor force.....	79,552	79,339	26,633	26,719	52,919	52,620

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Employment status, sex, and age	Persons with a disability		Persons with no disability	
	Nov. 2018	Nov. 2019	Nov. 2018	Nov. 2019
<b>TOTAL, 16 years and over</b>				
Civilian noninstitutional population.....	30,390	30,673	228,317	229,347
Civilian labor force.....	6,397	6,362	156,267	158,024
Participation rate.....	21.1	20.7	68.4	68.9
Employed.....	5,904	5,926	151,111	153,019
Employment-population ratio.....	19.4	19.3	66.2	66.7
Unemployed.....	494	436	5,156	5,005
Unemployment rate.....	7.7	6.9	3.3	3.2
Not in labor force.....	23,993	24,311	72,050	71,323
<b>Men, 16 to 64 years</b>				
Civilian labor force.....	2,670	2,869	77,695	77,915
Participation rate.....	35.3	37.2	82.4	82.9
Employed.....	2,460	2,671	75,127	75,411
Employment-population ratio.....	32.5	34.6	79.7	80.2
Unemployed.....	210	198	2,568	2,504
Unemployment rate.....	7.9	6.9	3.3	3.2
Not in labor force.....	4,897	4,840	16,600	16,093
<b>Women, 16 to 64 years</b>				
Civilian labor force.....	2,491	2,274	69,459	70,296
Participation rate.....	31.7	30.3	71.6	72.3
Employed.....	2,266	2,085	67,115	68,056
Employment-population ratio.....	28.9	27.7	69.1	70.0
Unemployed.....	225	189	2,343	2,240
Unemployment rate.....	9.0	8.3	3.4	3.2
Not in labor force.....	5,361	5,243	27,604	26,869
<b>Both sexes, 65 years and over</b>				
Civilian labor force.....	1,237	1,219	9,113	9,813
Participation rate.....	8.3	7.9	24.7	25.7
Employed.....	1,178	1,169	8,868	9,552
Employment-population ratio.....	7.9	7.6	24.0	25.0
Unemployed.....	59	49	245	260
Unemployment rate.....	4.8	4.1	2.7	2.7
Not in labor force.....	13,735	14,229	27,846	28,360

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

## HOUSEHOLD DATA

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

[Numbers in thousands]

Employment status and nativity	Total		Men		Women	
	Nov. 2018	Nov. 2019	Nov. 2018	Nov. 2019	Nov. 2018	Nov. 2019
<b>Foreign born, 16 years and over</b>						
Civilian noninstitutional population.....	43,310	42,876	20,898	20,676	22,412	22,200
Civilian labor force.....	28,717	28,468	16,401	16,265	12,316	12,203
Participation rate.....	66.3	66.4	78.5	78.7	55.0	55.0
Employed.....	27,805	27,693	15,951	15,877	11,854	11,816
Employment-population ratio.....	64.2	64.6	76.3	76.8	52.9	53.2
Unemployed.....	912	775	451	389	462	386
Unemployment rate.....	3.2	2.7	2.7	2.4	3.7	3.2
Not in labor force.....	14,593	14,408	4,497	4,410	10,096	9,998
<b>Native born, 16 years and over</b>						
Civilian noninstitutional population.....	215,398	217,144	104,239	105,097	111,159	112,047
Civilian labor force.....	133,948	135,918	69,572	70,598	64,375	65,319
Participation rate.....	62.2	62.6	66.7	67.2	57.9	58.3
Employed.....	129,210	131,252	67,082	68,097	62,128	63,155
Employment-population ratio.....	60.0	60.4	64.4	64.8	55.9	56.4
Unemployed.....	4,738	4,666	2,490	2,502	2,248	2,164
Unemployment rate.....	3.5	3.4	3.6	3.5	3.5	3.3
Not in labor force.....	81,450	81,226	34,667	34,499	46,784	46,727

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

**HOUSEHOLD DATA**

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

[In thousands]

Category	Not seasonally adjusted			Seasonally adjusted					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
<b>CLASS OF WORKER</b>									
Agriculture and related industries.....	2,553	2,553	2,363	2,556	2,402	2,400	2,404	2,461	2,363
Wage and salary workers <sup>1</sup> .....	1,784	1,738	1,676	1,772	1,577	1,560	1,610	1,630	1,635
Self-employed workers, unincorporated.....	742	786	663	768	779	789	769	796	684
Unpaid family workers.....	27	30	24	-	-	-	-	-	-
Nonagricultural industries.....	154,461	156,513	156,581	154,297	154,904	155,528	155,830	155,998	156,207
Wage and salary workers <sup>1</sup> .....	145,430	147,522	147,544	145,313	145,880	146,480	146,837	147,161	147,293
Government.....	21,270	21,598	21,619	21,054	20,823	20,913	21,088	21,469	21,342
Private industries.....	124,161	125,924	125,925	124,365	125,012	125,602	125,756	125,805	126,021
Private households.....	811	784	824	-	-	-	-	-	-
Other industries.....	123,349	125,140	125,101	123,512	124,224	124,745	124,867	124,974	125,177
Self-employed workers, unincorporated.....	8,961	8,926	8,954	8,889	8,945	8,891	8,843	8,802	8,856
Unpaid family workers.....	69	66	83	-	-	-	-	-	-
<b>PERSONS AT WORK PART TIME<sup>2</sup></b>									
<b>  All industries</b>									
Part time for economic reasons <sup>3</sup> .....	4,558	4,046	4,110	4,781	3,984	4,381	4,350	4,438	4,322
Slack work or business conditions.....	2,760	2,533	2,512	2,882	2,385	2,678	2,588	2,754	2,633
Could only find part-time work.....	1,541	1,268	1,249	1,562	1,364	1,351	1,322	1,287	1,268
Part time for noneconomic reasons <sup>4</sup> .....	21,930	22,088	22,482	20,909	21,437	21,697	21,573	21,549	21,534
<b>    Nonagricultural industries</b>									
Part time for economic reasons <sup>3</sup> .....	4,512	3,961	4,053	4,726	3,878	4,295	4,264	4,337	4,251
Slack work or business conditions.....	2,719	2,469	2,476	2,843	2,323	2,634	2,537	2,692	2,595
Could only find part-time work.....	1,541	1,258	1,246	1,571	1,350	1,337	1,311	1,275	1,263
Part time for noneconomic reasons <sup>4</sup> .....	21,539	21,679	22,109	20,521	21,049	21,322	21,190	21,138	21,166

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

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

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

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

- Data not available.

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

# HOUSEHOLD DATA

## Table A-9. Selected employment indicators

[Numbers in thousands]

Characteristic	Not seasonally adjusted			Seasonally adjusted					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
<b>AGE AND SEX</b>									
Total, 16 years and over.....	157,015	159,067	158,945	156,803	157,288	157,878	158,269	158,510	158,593
16 to 19 years.....	4,941	5,050	5,055	5,221	5,239	5,184	5,160	5,217	5,285
16 to 17 years.....	1,807	1,854	1,914	1,915	1,704	1,835	1,797	1,835	1,981
18 to 19 years.....	3,134	3,197	3,141	3,295	3,559	3,360	3,321	3,404	3,322
20 years and over.....	152,073	154,016	153,890	151,582	152,050	152,694	153,109	153,293	153,308
20 to 24 years.....	13,899	14,337	14,037	13,942	14,233	14,057	14,297	14,363	14,110
25 years and over.....	138,174	139,679	139,852	137,615	137,837	138,508	138,742	138,999	139,170
25 to 54 years.....	101,273	101,942	102,027	100,844	100,373	101,042	101,151	101,414	101,512
25 to 34 years.....	35,779	36,230	36,351	35,672	35,486	35,937	35,910	36,057	36,176
35 to 44 years.....	32,958	33,594	33,459	32,796	33,044	33,149	33,377	33,393	33,301
45 to 54 years.....	32,537	32,118	32,217	32,376	31,842	31,956	31,864	31,964	32,035
55 years and over.....	36,901	37,738	37,826	36,771	37,464	37,467	37,592	37,585	37,658
Men, 16 years and over.....	83,033	83,918	83,973	83,194	83,584	83,600	83,732	83,753	84,060
16 to 19 years.....	2,397	2,485	2,509	2,561	2,603	2,561	2,597	2,572	2,639
16 to 17 years.....	775	868	862	848	855	894	895	899	930
18 to 19 years.....	1,622	1,617	1,647	1,711	1,762	1,657	1,679	1,684	1,710
20 years and over.....	80,636	81,433	81,464	80,633	80,981	81,039	81,135	81,181	81,421
20 to 24 years.....	7,019	7,157	7,073	7,089	7,228	7,099	7,218	7,215	7,158
25 years and over.....	73,617	74,276	74,391	73,519	73,761	73,827	73,871	73,966	74,223
25 to 54 years.....	54,032	54,139	54,247	53,933	53,688	53,749	53,843	53,941	54,104
25 to 34 years.....	19,205	19,353	19,451	19,201	19,088	19,194	19,182	19,305	19,411
35 to 44 years.....	17,698	17,954	17,915	17,664	17,790	17,764	17,926	17,877	17,892
45 to 54 years.....	17,128	16,832	16,880	17,068	16,810	16,791	16,735	16,759	16,801
55 years and over.....	19,585	20,137	20,144	19,587	20,073	20,078	20,028	20,026	20,119
Women, 16 years and over.....	73,982	75,149	74,971	73,609	73,705	74,278	74,537	74,757	74,533
16 to 19 years.....	2,544	2,565	2,546	2,660	2,636	2,623	2,563	2,645	2,645
16 to 17 years.....	1,032	985	1,052	1,067	849	941	901	937	1,051
18 to 19 years.....	1,512	1,580	1,494	1,584	1,797	1,703	1,641	1,720	1,612
20 years and over.....	71,438	72,584	72,426	70,949	71,069	71,655	71,974	72,112	71,888
20 to 24 years.....	6,880	7,180	6,964	6,853	7,005	6,958	7,079	7,148	6,952
25 years and over.....	64,557	65,403	65,461	64,096	64,076	64,682	64,871	65,033	64,947
25 to 54 years.....	47,242	47,803	47,780	46,912	46,685	47,293	47,308	47,473	47,408
25 to 34 years.....	16,573	16,877	16,900	16,471	16,398	16,743	16,728	16,752	16,765
35 to 44 years.....	15,260	15,640	15,543	15,132	15,254	15,385	15,451	15,517	15,409
45 to 54 years.....	15,408	15,286	15,337	15,308	15,032	15,165	15,129	15,204	15,234
55 years and over.....	17,316	17,601	17,681	17,184	17,392	17,389	17,563	17,560	17,539
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	46,164	46,113	46,035	46,204	46,005	46,215	46,009	45,946	46,042
Married women, spouse present <sup>1</sup> .....	36,521	36,933	36,896	36,220	36,110	36,366	36,432	36,696	36,575
Women who maintain families <sup>2</sup> .....	9,816	9,791	9,618	-	-	-	-	-	-
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	129,464	131,990	131,385	129,774	130,429	130,789	131,094	131,545	131,562
Part-time workers <sup>4</sup> .....	27,551	27,077	27,560	27,017	26,861	26,974	27,095	27,021	26,992
<b>MULTIPLE JOBHOLDERS</b>									
Total multiple jobholders.....	7,934	8,351	8,279	7,749	8,389	8,373	8,357	8,158	8,125
Percent of total employed.....	5.1	5.3	5.2	4.9	5.3	5.3	5.3	5.1	5.1
<b>SELF-EMPLOYMENT</b>									
Self-employed workers, incorporated.....	6,226	6,358	6,299	-	-	-	-	-	-
Self-employed workers, unincorporated.....	9,703	9,712	9,618	9,657	9,724	9,681	9,612	9,599	9,540

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

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

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

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

- Data not available.

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

# HOUSEHOLD DATA

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

Characteristic	Number of unemployed persons (in thousands)			Unemployment rates					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
<b>AGE AND SEX</b>									
Total, 16 years and over.....	6,018	5,855	5,811	3.7	3.7	3.7	3.5	3.6	3.5
16 to 19 years.....	714	729	718	12.0	12.8	12.6	12.5	12.3	12.0
16 to 17 years.....	291	299	283	13.2	15.5	12.9	13.1	14.0	12.5
18 to 19 years.....	430	435	436	11.5	10.9	12.0	12.2	11.3	11.6
20 years and over.....	5,305	5,126	5,093	3.4	3.4	3.4	3.2	3.2	3.2
20 to 24 years.....	979	948	970	6.6	6.8	7.0	6.3	6.2	6.4
25 years and over.....	4,314	4,153	4,124	3.0	3.0	2.9	2.8	2.9	2.9
25 to 54 years.....	3,218	3,154	3,106	3.1	3.1	3.1	3.0	3.0	3.0
25 to 34 years.....	1,360	1,399	1,338	3.7	3.7	3.6	3.6	3.7	3.6
35 to 44 years.....	979	901	927	2.9	2.8	2.8	2.6	2.6	2.7
45 to 54 years.....	879	854	840	2.6	2.7	2.8	2.8	2.6	2.6
55 years and over.....	1,084	1,004	1,004	2.9	2.7	2.6	2.4	2.6	2.6
Men, 16 years and over.....	3,136	3,132	3,094	3.6	3.7	3.7	3.6	3.6	3.5
16 to 19 years.....	360	411	408	12.3	13.5	13.6	13.7	13.8	13.4
16 to 17 years.....	147	150	152	14.8	15.3	14.4	13.1	14.3	14.0
18 to 19 years.....	214	257	255	11.1	11.8	13.3	14.1	13.2	13.0
20 years and over.....	2,775	2,721	2,685	3.3	3.4	3.4	3.2	3.2	3.2
20 to 24 years.....	556	589	564	7.3	7.6	7.9	7.2	7.6	7.3
25 years and over.....	2,217	2,114	2,132	2.9	2.9	2.9	2.8	2.8	2.8
25 to 54 years.....	1,631	1,617	1,593	2.9	3.1	3.1	3.0	2.9	2.9
25 to 34 years.....	655	743	742	3.3	3.7	3.7	3.8	3.7	3.7
35 to 44 years.....	526	435	467	2.9	2.6	2.6	2.4	2.4	2.5
45 to 54 years.....	450	439	384	2.6	2.8	2.9	2.8	2.6	2.2
55 years and over.....	587	497	539	2.9	2.5	2.4	2.3	2.4	2.6
Women, 16 years and over.....	2,883	2,723	2,718	3.8	3.7	3.6	3.4	3.5	3.5
16 to 19 years.....	353	319	310	11.7	12.1	11.6	11.2	10.7	10.5
16 to 17 years.....	144	149	132	11.9	15.7	11.6	13.2	13.7	11.1
18 to 19 years.....	216	178	180	12.0	10.1	10.8	10.1	9.4	10.1
20 years and over.....	2,529	2,405	2,408	3.4	3.4	3.3	3.1	3.2	3.2
20 to 24 years.....	423	359	405	5.8	5.9	6.2	5.4	4.8	5.5
25 years and over.....	2,097	2,039	1,992	3.2	3.1	3.0	2.9	3.0	3.0
25 to 54 years.....	1,587	1,537	1,513	3.3	3.2	3.1	3.0	3.1	3.1
25 to 34 years.....	706	656	596	4.1	3.8	3.5	3.3	3.8	3.4
35 to 44 years.....	453	466	460	2.9	3.0	3.0	2.9	2.9	2.9
45 to 54 years.....	429	415	457	2.7	2.6	2.6	2.8	2.7	2.9
55 years and over.....	498	491	472	2.8	2.9	2.8	2.6	2.7	2.6
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	923	818	916	2.0	1.9	1.8	1.7	1.7	2.0
Married women, spouse present <sup>1</sup> .....	871	845	853	2.3	2.2	2.2	2.2	2.3	2.3
Women who maintain families <sup>2</sup> .....	558	558	480	5.4	6.0	5.1	4.7	5.4	4.8
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	4,739	4,788	4,763	3.5	3.6	3.5	3.4	3.5	3.5
Part-time workers <sup>4</sup> .....	1,280	1,067	1,063	4.5	4.3	4.4	3.9	3.8	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					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
<b>NUMBER OF UNEMPLOYED</b>									
Job losers and persons who completed temporary jobs.....	2,598	2,340	2,561	2,842	2,798	2,876	2,572	2,674	2,806
On temporary layoff.....	699	468	638	804	836	817	731	762	756
Not on temporary layoff.....	1,899	1,872	1,923	2,038	1,963	2,059	1,841	1,912	2,051
Permanent job losers.....	1,242	1,216	1,336	1,337	1,361	1,397	1,308	1,259	1,433
Persons who completed temporary jobs....	657	656	587	701	602	661	532	653	618
Job leavers.....	699	859	759	697	833	781	840	849	777
Reentrants.....	1,829	1,719	1,599	1,880	1,810	1,801	1,669	1,703	1,664
New entrants.....	524	592	522	577	595	574	677	627	586
<b>PERCENT DISTRIBUTION</b>									
Job losers and persons who completed temporary jobs.....	46.0	42.5	47.1	47.4	46.4	47.7	44.7	45.7	48.1
On temporary layoff.....	12.4	8.5	11.7	13.4	13.8	13.6	12.7	13.0	13.0
Not on temporary layoff.....	33.6	34.0	35.4	34.0	32.5	34.1	32.0	32.7	35.2
Job leavers.....	12.4	15.6	13.9	11.6	13.8	12.9	14.6	14.5	13.3
Reentrants.....	32.4	31.2	29.4	31.4	30.0	29.9	29.0	29.1	28.5
New entrants.....	9.3	10.7	9.6	9.6	9.9	9.5	11.8	10.7	10.0
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers and persons who completed temporary jobs.....	1.6	1.4	1.6	1.7	1.7	1.8	1.6	1.6	1.7
Job leavers.....	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5
Reentrants.....	1.1	1.0	1.0	1.2	1.1	1.1	1.0	1.0	1.0
New entrants.....	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Duration	Not seasonally adjusted			Seasonally adjusted					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
<b>NUMBER OF UNEMPLOYED</b>									
Less than 5 weeks.....	1,974	1,755	1,871	2,128	2,201	2,207	1,868	1,968	2,020
5 to 14 weeks.....	1,670	1,651	1,609	1,842	1,797	1,757	1,781	1,749	1,757
15 weeks and over.....	2,005	2,104	1,962	2,124	2,071	2,078	2,132	2,163	2,096
15 to 26 weeks.....	817	856	818	865	905	835	819	899	872
27 weeks and over.....	1,188	1,249	1,143	1,259	1,166	1,243	1,314	1,264	1,224
Average (mean) duration, in weeks.....	22.7	23.1	20.8	21.7	19.6	22.1	22.0	21.8	20.2
Median duration, in weeks.....	8.9	9.8	9.3	9.0	8.9	8.9	9.4	9.3	9.4
<b>PERCENT DISTRIBUTION</b>									
Less than 5 weeks.....	34.9	31.9	34.4	34.9	36.3	36.5	32.3	33.5	34.4
5 to 14 weeks.....	29.6	30.0	29.6	30.2	29.6	29.1	30.8	29.7	29.9
15 weeks and over.....	35.5	38.2	36.1	34.9	34.1	34.4	36.9	36.8	35.7
15 to 26 weeks.....	14.5	15.5	15.0	14.2	14.9	13.8	14.2	15.3	14.8
27 weeks and over.....	21.0	22.7	21.0	20.7	19.2	20.6	22.7	21.5	20.8

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



**HOUSEHOLD DATA**

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

[Numbers in thousands]

Occupation	Employed		Unemployed		Unemployment rates	
	Nov. 2018	Nov. 2019	Nov. 2018	Nov. 2019	Nov. 2018	Nov. 2019
Total, 16 years and over <sup>1</sup> .....	157,015	158,945	5,650	5,441	3.5	3.3
Management, professional, and related occupations.....	63,084	65,548	1,330	1,208	2.1	1.8
Management, business, and financial operations occupations.....	26,248	27,476	557	453	2.1	1.6
Professional and related occupations.....	36,836	38,072	773	755	2.1	1.9
Service occupations.....	26,724	26,915	1,154	1,141	4.1	4.1
Sales and office occupations.....	33,753	33,393	1,224	1,098	3.5	3.2
Sales and related occupations.....	15,995	15,627	620	531	3.7	3.3
Office and administrative support occupations.....	17,758	17,766	604	567	3.3	3.1
Natural resources, construction, and maintenance occupations.....	14,819	14,410	677	655	4.4	4.3
Farming, fishing, and forestry occupations.....	1,185	1,067	129	134	9.8	11.1
Construction and extraction occupations.....	8,636	8,242	400	437	4.4	5.0
Installation, maintenance, and repair occupations.....	4,998	5,101	148	84	2.9	1.6
Production, transportation, and material moving occupations.....	18,635	18,679	723	802	3.7	4.1
Production occupations.....	8,797	8,586	307	334	3.4	3.7
Transportation and material moving occupations.....	9,837	10,093	415	468	4.0	4.4

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

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

**HOUSEHOLD DATA**

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

Industry and class of worker	Number of unemployed persons (in thousands)		Unemployment rates	
	Nov. 2018	Nov. 2019	Nov. 2018	Nov. 2019
Total, 16 years and over <sup>1</sup> .....	5,650	5,441	3.5	3.3
Nonagricultural private wage and salary workers.....	4,366	4,165	3.4	3.2
Mining, quarrying, and oil and gas extraction.....	16	24	1.9	3.2
Construction.....	375	428	3.9	4.4
Manufacturing.....	465	427	2.9	2.7
Durable goods.....	273	290	2.7	2.9
Nondurable goods.....	192	137	3.2	2.4
Wholesale and retail trade.....	803	684	3.9	3.4
Transportation and utilities.....	256	220	3.7	3.0
Information.....	95	39	3.8	1.6
Financial activities.....	213	221	2.1	2.1
Professional and business services.....	618	641	3.6	3.6
Education and health services.....	563	586	2.3	2.3
Leisure and hospitality.....	729	683	5.3	4.9
Other services.....	231	212	3.3	3.1
Agriculture and related private wage and salary workers.....	126	136	6.7	7.7
Government workers.....	428	408	2.0	1.8
Self-employed workers, unincorporated, and unpaid family workers.....	206	211	2.1	2.1

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

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

**HOUSEHOLD DATA**

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

[Percent]

Measure	Not seasonally adjusted			Seasonally adjusted					
	Nov. 2018	Oct. 2019	Nov. 2019	Nov. 2018	July 2019	Aug. 2019	Sept. 2019	Oct. 2019	Nov. 2019
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	1.2	1.3	1.2	1.3	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.....	1.6	1.4	1.6	1.7	1.7	1.8	1.6	1.6	1.7
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	3.5	3.3	3.3	3.7	3.7	3.7	3.5	3.6	3.5
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	3.7	3.5	3.5	4.0	3.9	4.0	3.7	3.8	3.7
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.....	4.5	4.1	4.0	4.7	4.6	4.6	4.3	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.....	7.2	6.5	6.5	7.6	7.0	7.2	6.9	7.0	6.9

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Category	Total		Men		Women	
	Nov. 2018	Nov. 2019	Nov. 2018	Nov. 2019	Nov. 2018	Nov. 2019
<b>NOT IN THE LABOR FORCE</b>						
Total not in the labor force.....	96,043	95,634	39,163	38,909	56,880	56,725
Persons who currently want a job.....	5,060	4,515	2,460	2,190	2,600	2,325
Marginally attached to the labor force <sup>1</sup> .....	1,678	1,246	946	700	731	546
Discouraged workers <sup>2</sup> .....	453	325	294	203	159	122
Other persons marginally attached to the labor force <sup>3</sup> ..	1,225	921	652	497	573	424
<b>MULTIPLE JOBHOLDERS</b>						
Total multiple jobholders <sup>4</sup> .....	7,934	8,279	3,860	4,046	4,074	4,233
Percent of total employed.....	5.1	5.2	4.6	4.8	5.5	5.6
Primary job full time, secondary job part time.....	4,516	4,601	2,417	2,471	2,099	2,130
Primary and secondary jobs both part time.....	2,081	2,167	689	734	1,392	1,433
Primary and secondary jobs both full time.....	287	295	192	217	95	78
Hours vary on primary or secondary job.....	993	1,186	541	605	452	581

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

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

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

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

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

**ESTABLISHMENT DATA**

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

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Oct.2019 - Nov.2019 <sup>P</sup>
	Nov. 2018	Sept. 2019	Oct. 2019 <sup>P</sup>	Nov. 2019 <sup>P</sup>	Nov. 2018	Sept. 2019	Oct. 2019 <sup>P</sup>	Nov. 2019 <sup>P</sup>	
Total nonfarm.....	151,375	152,016	153,002	153,624	150,048	151,830	151,986	152,252	266
Total private.....	128,415	129,394	129,996	130,500	127,566	129,191	129,354	129,608	254
Goods-producing.....	20,991	21,335	21,294	21,211	20,921	21,115	21,090	21,138	48
Mining and logging.....	751	754	760	747	748	746	750	743	-7
Logging.....	47.4	49.9	52.6	52.8	46.5	48.7	51.4	51.3	-0.1
Mining.....	703.4	704.2	706.9	694.1	701.0	697.7	698.8	691.9	-6.9
Oil and gas extraction.....	148.6	164.3	165.9	165.6	147.9	163.9	165.6	164.8	-0.8
Mining, except oil and gas.....	194.7	194.9	194.5	192.3	194.1	192.6	192.2	191.8	-0.4
Coal mining.....	52.3	53.2	53.1	53.4	52.3	53.2	53.1	53.4	0.3
Metal ore mining.....	40.7	39.7	39.6	38.5	41.0	39.8	39.8	38.8	-1.0
Nonmetallic mineral mining and quarrying.....	101.7	102.0	101.8	100.4	100.8	99.6	99.3	99.5	0.2
Support activities for mining.....	360.1	345.0	346.5	336.2	359.0	341.2	341.0	335.3	-5.7
Construction.....	7,457	7,697	7,715	7,602	7,384	7,515	7,529	7,530	1
Construction of buildings.....	1,658.3	1,685.4	1,693.4	1,674.7	1,648.1	1,663.0	1,664.9	1,664.1	-0.8
Residential building.....	827.1	852.3	857.9	852.6	822.0	842.8	845.3	847.1	1.8
Nonresidential building.....	831.2	833.1	835.5	822.1	826.1	820.2	819.6	817.0	-2.6
Heavy and civil engineering construction.....	1,089.3	1,143.9	1,147.7	1,109.8	1,071.7	1,082.0	1,087.4	1,089.5	2.1
Specialty trade contractors.....	4,709.1	4,867.2	4,873.7	4,817.8	4,663.8	4,770.1	4,776.2	4,776.0	-0.2
Residential specialty trade contractors.....	2,067.1	2,109.1	2,114.3	2,089.3	2,050.3	2,072.0	2,074.9	2,072.6	-2.3
Nonresidential specialty trade contractors.....	2,642.0	2,758.1	2,759.4	2,728.5	2,613.5	2,698.1	2,701.3	2,703.4	2.1
Manufacturing.....	12,783	12,884	12,819	12,862	12,789	12,854	12,811	12,865	54
Durable goods.....	8,018	8,064	8,010	8,056	8,022	8,066	8,016	8,060	44
Wood products.....	409.4	412.4	413.3	412.8	408.9	410.8	411.6	411.8	0.2
Nonmetallic mineral products.....	419.0	420.8	424.1	421.4	418.0	417.1	418.7	418.6	-0.1
Primary metals.....	380.2	377.4	371.4	372.0	381.1	378.2	372.8	373.5	0.7
Fabricated metal products.....	1,475.3	1,478.3	1,477.4	1,479.1	1,476.2	1,480.3	1,480.3	1,480.6	0.3
Machinery.....	1,132.0	1,128.0	1,125.6	1,122.4	1,134.6	1,131.6	1,129.9	1,125.6	-4.3
Computer and electronic products.....	1,061.4	1,091.2	1,090.6	1,092.8	1,063.4	1,092.4	1,092.0	1,094.7	2.7
Computer and peripheral equipment.....	157.7	163.8	163.7	163.2	157.9	163.4	163.4	163.1	-0.3
Communications equipment.....	85.8	86.1	86.0	86.4	85.8	86.3	86.2	86.4	0.2
Semiconductors and electronic components.....	370.3	380.0	377.8	379.5	371.3	380.7	379.4	380.7	1.3
Electronic instruments.....	413.6	426.9	429.3	429.4	414.8	428.1	429.6	430.6	1.0
Miscellaneous computer and electronic products.....	34.0	34.4	33.8	34.3	33.7	33.9	33.5	34.0	0.5
Electrical equipment and appliances.....	404.2	403.2	402.8	403.4	404.6	402.8	403.1	403.3	0.2
Transportation equipment <sup>1</sup> .....	1,728.6	1,742.2	1,696.0	1,741.1	1,728.7	1,740.9	1,699.3	1,741.4	42.1
Motor vehicles and parts <sup>2</sup> .....	1,004.0	992.2	947.2	990.6	1,003.9	992.0	949.2	990.5	41.3
Furniture and related products.....	394.1	392.7	391.7	393.4	395.1	393.5	392.1	394.3	2.2
Miscellaneous durable goods manufacturing.....	613.9	617.4	617.2	617.8	611.5	618.1	616.4	615.9	-0.5
Nondurable goods.....	4,765	4,820	4,809	4,806	4,767	4,788	4,795	4,805	10
Food manufacturing.....	1,628.8	1,665.4	1,661.6	1,657.5	1,630.1	1,641.8	1,649.8	1,656.0	6.2
Textile mills.....	112.9	111.0	110.6	109.9	112.6	110.9	110.4	109.8	-0.6
Textile product mills.....	116.0	112.6	113.4	114.1	115.7	112.3	113.4	113.8	0.4
Apparel.....	109.7	105.2	104.5	102.4	109.1	105.2	104.2	102.2	-2.0
Paper and paper products.....	368.4	369.0	368.9	368.2	369.2	369.3	370.0	369.3	-0.7
Printing and related support activities.....	429.4	420.5	419.4	418.6	427.4	419.4	418.1	416.8	-1.3
Petroleum and coal products.....	114.6	117.6	116.0	114.0	115.1	114.7	113.9	114.4	0.5
Chemicals.....	847.2	858.4	857.3	859.7	849.5	860.2	860.4	862.2	1.8
Plastics and rubber products.....	735.9	738.8	737.2	742.7	736.2	740.1	740.7	742.6	1.9
Miscellaneous nondurable goods manufacturing.....	301.8	321.1	319.6	319.3	302.1	314.0	313.9	318.3	4.4
Private service-providing.....	107,424	108,059	108,702	109,289	106,645	108,076	108,264	108,470	206
Trade, transportation, and utilities.....	28,387	27,703	27,914	28,500	27,783	27,834	27,870	27,884	14
Wholesale trade.....	5,903.1	5,945.9	5,964.5	5,965.0	5,888.8	5,946.7	5,956.7	5,952.4	-4.3
Durable goods.....	3,181.6	3,226.6	3,231.5	3,228.2	3,180.6	3,226.6	3,233.0	3,227.4	-5.6
Nondurable goods.....	2,168.5	2,167.2	2,175.0	2,177.6	2,157.2	2,167.8	2,166.6	2,168.2	1.6

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Oct.2019 - Nov.2019 <sup>P</sup>
	Nov. 2018	Sept. 2019	Oct. 2019 <sup>P</sup>	Nov. 2019 <sup>P</sup>	Nov. 2018	Sept. 2019	Oct. 2019 <sup>P</sup>	Nov. 2019 <sup>P</sup>	
Wholesale trade - Continued									
Electronic markets and agents and brokers.....	553.0	552.1	558.0	559.2	551.0	552.3	557.1	556.8	-0.3
Retail trade.....	16,291.3	15,637.9	15,794.0	16,260.4	15,826.9	15,771.5	15,793.5	15,795.5	2.0
Motor vehicle and parts dealers.....	2,028.1	2,070.1	2,068.6	2,073.8	2,027.7	2,062.9	2,064.3	2,072.2	7.9
Automobile dealers.....	1,302.4	1,314.6	1,311.5	1,311.5	1,300.7	1,310.5	1,308.4	1,310.2	1.8
Other motor vehicle dealers.....	154.2	163.1	161.0	158.7	159.0	161.2	161.7	162.9	1.2
Auto parts, accessories, and tire stores...	571.5	592.4	596.1	603.6	568.0	591.1	594.2	599.1	4.9
Furniture and home furnishings stores.....	500.2	477.1	482.8	497.0	483.4	483.9	481.5	481.3	-0.2
Electronics and appliance stores.....	484.7	455.9	469.3	483.6	468.8	463.2	467.6	466.5	-1.1
Building material and garden supply stores.....	1,270.5	1,298.0	1,292.9	1,286.2	1,300.0	1,318.7	1,317.2	1,316.5	-0.7
Food and beverage stores.....	3,122.9	3,116.4	3,138.7	3,167.0	3,099.4	3,131.5	3,138.5	3,141.4	2.9
Health and personal care stores.....	1,082.9	1,028.7	1,052.3	1,070.7	1,064.8	1,040.8	1,052.8	1,048.8	-4.0
Gasoline stations.....	942.6	959.1	961.2	962.6	939.4	956.5	959.3	959.2	-0.1
Clothing and clothing accessories stores....	1,479.4	1,268.0	1,285.9	1,393.5	1,351.7	1,302.5	1,298.1	1,280.3	-17.8
Sporting goods, hobby, book, and music stores.....	591.5	554.5	561.0	598.6	547.0	561.0	560.0	555.3	-4.7
General merchandise stores.....	3,333.6	3,018.3	3,072.8	3,300.5	3,128.3	3,055.4	3,060.6	3,082.5	21.9
Department stores.....	1,270.7	1,086.1	1,124.8	1,250.6	1,157.5	1,115.8	1,122.1	1,134.1	12.0
General merchandise stores, including warehouse clubs and supercenters.....	2,062.9	1,932.2	1,948.0	2,049.9	1,970.8	1,939.6	1,938.5	1,948.3	9.8
Miscellaneous store retailers.....	854.6	826.7	832.4	835.3	839.7	824.7	823.0	821.0	-2.0
Nonstore retailers.....	600.3	565.1	576.1	591.6	576.7	570.4	570.6	570.5	-0.1
Transportation and warehousing.....	5,638.3	5,569.4	5,605.7	5,725.1	5,512.1	5,563.8	5,569.9	5,585.4	15.5
Air transportation.....	502.5	517.5	520.4	518.9	504.6	517.6	521.4	521.4	0.0
Rail transportation.....	217.0	199.5	196.2	196.2	216.5	199.2	196.1	195.8	-0.3
Water transportation.....	64.0	65.6	65.8	63.9	64.8	64.6	65.3	64.6	-0.7
Truck transportation.....	1,518.1	1,528.8	1,528.7	1,521.8	1,508.3	1,512.6	1,513.3	1,512.3	-1.0
Transit and ground passenger transportation.....	504.0	503.6	509.2	508.4	487.6	489.7	490.7	492.0	1.3
Pipeline transportation.....	47.8	47.7	47.7	47.7	48.0	47.6	47.6	47.8	0.2
Scenic and sightseeing transportation.....	30.3	40.4	35.0	31.5	34.9	34.5	34.7	35.8	1.1
Support activities for transportation.....	725.1	723.3	727.3	728.4	722.5	722.9	723.7	725.5	1.8
Couriers and messengers.....	822.1	747.9	764.9	864.5	750.7	776.6	779.1	784.2	5.1
Warehousing and storage.....	1,207.4	1,195.1	1,210.5	1,243.8	1,174.2	1,198.5	1,198.0	1,206.0	8.0
Utilities.....	554.2	549.8	549.3	549.9	554.8	551.6	550.0	550.5	0.5
Information.....	2,854	2,822	2,828	2,865	2,829	2,828	2,822	2,835	13
Publishing industries, except Internet.....	737.2	748.3	744.7	744.8	734.2	744.6	742.8	742.0	-0.8
Motion picture and sound recording industries.....	449.1	423.4	426.2	448.1	433.2	429.0	421.6	428.7	7.1
Broadcasting, except Internet.....	274.1	268.4	269.5	270.1	271.9	267.3	267.8	267.9	0.1
Telecommunications.....	743.3	704.6	705.8	709.6	740.1	707.5	707.4	706.1	-1.3
Data processing, hosting and related services.....	331.1	336.9	340.1	342.3	331.6	337.7	339.3	341.4	2.1
Other information services.....	318.7	340.1	342.0	350.5	318.3	341.8	343.1	349.3	6.2
Financial activities.....	8,609	8,705	8,732	8,728	8,614	8,701	8,717	8,730	13
Finance and insurance.....	6,336.9	6,360.0	6,381.2	6,391.9	6,332.8	6,367.1	6,376.2	6,384.3	8.1
Monetary authorities - central bank.....	19.6	19.4	19.4	19.3	19.6	19.4	19.4	19.4	0.0
Credit intermediation and related activities.....	2,641.8	2,637.9	2,646.4	2,656.2	2,643.2	2,641.1	2,647.9	2,655.0	7.1
Depository credit intermediation <sup>1</sup> .....	1,710.4	1,709.1	1,709.4	1,714.4	1,714.2	1,715.0	1,714.9	1,717.4	2.5
Commercial banking.....	1,313.1	1,304.9	1,304.0	1,308.2	1,316.3	1,309.9	1,309.1	1,310.8	1.7
Nondepository credit intermediation.....	621.7	624.2	625.5	629.2	619.6	620.7	622.6	626.6	4.0
Activities related to credit intermediation...	309.7	304.6	311.5	312.6	309.4	305.4	310.3	311.1	0.8
Securities, commodity contracts, investments, and funds and trusts.....	968.1	974.7	979.1	975.6	967.4	975.8	976.5	974.6	-1.9
Insurance carriers and related activities.....	2,707.4	2,728.0	2,736.3	2,740.8	2,702.6	2,730.8	2,732.4	2,735.3	2.9
Real estate and rental and leasing.....	2,272.5	2,345.2	2,351.0	2,335.6	2,280.7	2,333.6	2,341.2	2,345.4	4.2
Real estate.....	1,675.6	1,720.0	1,733.2	1,726.2	1,677.5	1,717.5	1,725.0	1,728.7	3.7
Rental and leasing services.....	573.5	602.2	594.6	586.1	580.0	593.0	593.1	593.5	0.4

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: Oct.2019 - Nov.2019 <sup>P</sup>
	Nov. 2018	Sept. 2019	Oct. 2019 <sup>P</sup>	Nov. 2019 <sup>P</sup>	Nov. 2018	Sept. 2019	Oct. 2019 <sup>P</sup>	Nov. 2019 <sup>P</sup>	
Real estate and rental and leasing - Continued									
Lessors of nonfinancial intangible assets....	23.4	23.0	23.2	23.3	23.2	23.1	23.1	23.2	0.1
Professional and business services.....	21,444	21,625	21,825	21,869	21,217	21,553	21,596	21,634	38
Professional and technical services.....	9,442.7	9,559.0	9,660.5	9,724.8	9,417.6	9,646.3	9,665.4	9,696.0	30.6
Legal services.....	1,143.1	1,142.5	1,151.9	1,154.1	1,140.9	1,148.2	1,149.0	1,151.9	2.9
Accounting and bookkeeping services.....	1,009.0	995.2	1,011.6	1,041.9	1,028.5	1,059.6	1,061.6	1,062.1	0.5
Architectural and engineering services.....	1,496.0	1,524.3	1,528.9	1,532.9	1,493.3	1,522.6	1,522.2	1,530.6	8.4
Specialized design services.....	148.1	150.2	153.8	153.9	146.1	150.5	152.6	151.7	-0.9
Computer systems design and related services.....	2,171.5	2,216.2	2,244.4	2,254.4	2,158.0	2,228.2	2,232.4	2,238.2	5.8
Management and technical consulting services.....	1,519.4	1,546.2	1,571.1	1,573.9	1,503.7	1,547.2	1,554.5	1,557.8	3.3
Scientific research and development services.....	706.6	732.5	736.5	742.5	706.6	736.1	738.4	742.6	4.2
Advertising and related services.....	492.7	488.0	493.5	494.8	491.5	489.8	491.7	493.0	1.3
Other professional and technical services... ..	756.3	763.9	768.8	776.4	749.1	764.1	763.1	768.2	5.1
Management of companies and enterprises... ..	2,392.4	2,426.6	2,433.8	2,433.2	2,391.9	2,430.4	2,434.2	2,433.8	-0.4
Administrative and waste services.....	9,609.1	9,639.1	9,730.9	9,711.4	9,407.7	9,476.1	9,496.0	9,504.3	8.3
Administrative and support services.....	9,164.9	9,173.5	9,264.0	9,243.6	8,962.4	9,012.8	9,030.4	9,035.8	5.4
Office administrative services.....	521.1	529.9	533.9	535.0	519.2	530.6	532.8	533.4	0.6
Facilities support services.....	154.7	157.6	160.2	159.2	154.6	156.4	158.6	158.8	0.2
Employment services <sup>1</sup> .....	3,878.8	3,804.3	3,883.9	3,913.6	3,715.1	3,730.0	3,736.7	3,741.0	4.3
Temporary help services.....	3,199.7	3,101.5	3,173.8	3,206.4	3,046.3	3,038.3	3,042.1	3,046.9	4.8
Business support services.....	923.5	882.4	893.5	905.6	900.3	883.5	879.7	881.9	2.2
Travel arrangement and reservation services.....	216.1	216.3	216.9	217.9	218.1	215.3	216.9	219.1	2.2
Investigation and security services.....	956.2	958.8	964.7	964.6	947.9	951.2	957.7	957.9	0.2
Services to buildings and dwellings.....	2,188.0	2,279.2	2,265.5	2,204.8	2,177.5	2,203.3	2,206.8	2,198.3	-8.5
Other support services.....	326.5	345.0	345.4	342.9	329.8	342.4	341.4	345.4	4.0
Waste management and remediation services.....	444.2	465.6	466.9	467.8	445.3	463.3	465.6	468.5	2.9
Education and health services.....	24,089	24,349	24,652	24,784	23,845	24,420	24,450	24,524	74
Educational services.....	3,921.6	3,801.1	3,992.0	4,042.3	3,731.6	3,833.1	3,829.9	3,843.5	13.6
Health care and social assistance.....	20,167.8	20,548.1	20,659.5	20,741.6	20,113.2	20,587.2	20,620.3	20,680.5	60.2
Health care <sup>3</sup> .....	16,177.2	16,475.7	16,531.4	16,593.3	16,135.2	16,492.3	16,504.2	16,549.4	45.2
Ambulatory health care services.....	7,603.1	7,802.6	7,843.7	7,885.8	7,577.3	7,818.7	7,826.3	7,860.2	33.9
Offices of physicians.....	2,650.4	2,694.2	2,710.1	2,729.2	2,640.3	2,700.9	2,702.6	2,718.7	16.1
Offices of dentists.....	966.4	983.5	984.0	992.5	964.3	986.9	984.3	990.7	6.4
Offices of other health practitioners.....	951.9	976.4	982.7	982.2	947.0	981.1	980.2	977.8	-2.4
Outpatient care centers.....	950.9	975.0	980.4	983.4	949.1	978.3	980.5	982.2	1.7
Medical and diagnostic laboratories... ..	280.7	294.8	297.4	299.0	281.0	294.7	296.9	299.0	2.1
Home health care services.....	1,497.1	1,561.2	1,571.7	1,581.7	1,490.4	1,561.2	1,566.0	1,574.5	8.5
Other ambulatory health care services.....	305.7	317.5	317.4	317.8	305.2	315.6	315.8	317.4	1.6
Hospitals.....	5,198.6	5,270.5	5,279.7	5,295.5	5,188.9	5,269.3	5,273.3	5,283.2	9.9
Nursing and residential care facilities... ..	3,375.5	3,402.6	3,408.0	3,412.0	3,369.0	3,404.3	3,404.6	3,406.0	1.4
Nursing care facilities.....	1,611.5	1,610.9	1,606.6	1,607.2	1,607.0	1,610.2	1,605.2	1,603.5	-1.7
Residential mental health facilities.....	644.6	652.7	656.0	657.8	644.8	654.4	656.5	657.7	1.2
Community care facilities for the elderly.....	951.9	967.7	973.9	975.0	949.8	968.7	971.6	973.0	1.4
Other residential care facilities.....	167.5	171.3	171.5	172.0	167.4	171.1	171.3	171.8	0.5
Social assistance.....	3,990.6	4,072.4	4,128.1	4,148.3	3,978.0	4,094.9	4,116.1	4,131.1	15.0
Individual and family services.....	2,500.3	2,570.7	2,609.6	2,622.6	2,500.0	2,590.5	2,607.8	2,618.9	11.1
Emergency and other relief services.....	178.4	178.8	178.8	179.7	178.3	179.2	179.1	179.4	0.3
Vocational rehabilitation services.....	330.3	326.1	330.4	331.0	330.4	327.5	330.4	330.6	0.2
Child day care services.....	981.6	996.8	1,009.3	1,015.0	969.2	997.7	998.9	1,002.3	3.4
Leisure and hospitality.....	16,182	16,922	16,806	16,601	16,489	16,794	16,864	16,909	45
Arts, entertainment, and recreation.....	2,261.2	2,518.4	2,443.5	2,329.9	2,433.3	2,480.3	2,487.8	2,503.5	15.7
Performing arts and spectator sports.....	500.5	536.6	522.2	503.1	516.0	523.0	513.3	518.6	5.3
Museums, historical sites, and similar institutions.....	168.7	177.5	177.6	174.2	174.1	176.0	177.5	179.2	1.7

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Oct.2019 - Nov.2019 <sup>P</sup>
	Nov. 2018	Sept. 2019	Oct. 2019 <sup>P</sup>	Nov. 2019 <sup>P</sup>	Nov. 2018	Sept. 2019	Oct. 2019 <sup>P</sup>	Nov. 2019 <sup>P</sup>	
Arts, entertainment, and recreation - Continued									
Amusements, gambling, and recreation.....	1,592.0	1,804.3	1,743.7	1,652.6	1,743.2	1,781.3	1,797.0	1,805.7	8.7
Accommodation and food services.....	13,920.6	14,403.1	14,362.8	14,271.5	14,055.6	14,313.8	14,376.6	14,405.4	28.8
Accommodation.....	1,969.2	2,093.0	2,055.1	2,009.9	2,029.5	2,053.7	2,067.1	2,070.6	3.5
Food services and drinking places.....	11,951.4	12,310.1	12,307.7	12,261.6	12,026.1	12,260.1	12,309.5	12,334.8	25.3
Other services.....	5,859	5,933	5,945	5,942	5,868	5,946	5,945	5,954	9
Repair and maintenance.....	1,330.6	1,368.0	1,373.0	1,369.9	1,335.1	1,368.1	1,371.2	1,374.2	3.0
Personal and laundry services.....	1,525.5	1,535.2	1,534.4	1,536.2	1,521.1	1,535.1	1,531.6	1,533.6	2.0
Membership associations and organizations...	3,003.2	3,029.8	3,037.2	3,036.1	3,011.5	3,043.2	3,042.6	3,046.1	3.5
Government.....	22,960	22,622	23,006	23,124	22,482	22,639	22,632	22,644	12
Federal.....	2,807.0	2,846.0	2,832.0	2,834.0	2,804.0	2,846.0	2,830.0	2,829.0	-1.0
Federal, except U.S. Postal Service.....	2,191.2	2,243.0	2,225.4	2,218.9	2,193.0	2,238.5	2,222.1	2,220.2	-1.9
U.S. Postal Service.....	615.9	603.3	606.5	614.6	611.0	607.0	607.9	608.6	0.7
State government.....	5,361.0	5,246.0	5,359.0	5,379.0	5,180.0	5,190.0	5,195.0	5,195.0	0.0
State government education.....	2,671.7	2,534.1	2,649.5	2,673.7	2,483.8	2,480.7	2,480.8	2,484.1	3.3
State government, excluding education.....	2,689.7	2,711.4	2,709.3	2,705.3	2,695.9	2,708.9	2,714.0	2,710.5	-3.5
Local government.....	14,792.0	14,530.0	14,815.0	14,911.0	14,498.0	14,603.0	14,607.0	14,620.0	13.0
Local government education.....	8,303.7	7,968.1	8,284.4	8,377.9	7,970.4	8,031.5	8,030.8	8,037.9	7.1
Local government, excluding education.....	6,488.1	6,561.4	6,530.9	6,533.0	6,527.7	6,571.3	6,575.8	6,582.2	6.4

<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	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	34.4	34.4	34.4	34.4
Goods-producing.....	40.2	40.5	40.2	40.2
Mining and logging.....	45.9	46.2	46.3	46.2
Construction.....	38.7	39.8	39.2	39.1
Manufacturing.....	40.8	40.5	40.4	40.5
Durable goods.....	41.1	41.0	40.8	40.9
Nondurable goods.....	40.2	39.8	39.6	39.7
Private service-providing.....	33.3	33.2	33.2	33.2
Trade, transportation, and utilities.....	34.5	34.2	34.2	34.1
Wholesale trade.....	39.0	38.9	39.0	39.0
Retail trade.....	30.9	30.7	30.6	30.5
Transportation and warehousing.....	39.1	38.4	38.4	38.4
Utilities.....	42.4	42.2	42.3	42.8
Information.....	36.1	36.5	36.4	36.3
Financial activities.....	37.6	37.5	37.7	37.8
Professional and business services.....	36.1	36.1	36.2	36.2
Education and health services.....	32.9	33.0	33.0	33.1
Leisure and hospitality.....	25.9	25.9	25.8	25.8
Other services.....	31.9	31.8	31.8	31.9
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	3.5	3.2	3.2	3.1
Durable goods.....	3.5	3.2	3.2	3.1
Nondurable goods.....	3.5	3.3	3.3	3.2

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			
	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>
Total private.....	\$27.43	\$28.12	\$28.22	\$28.29	\$943.59	\$967.33	\$970.77	\$973.18
Goods-producing.....	28.49	29.21	29.28	29.38	1,145.30	1,183.01	1,177.06	1,181.08
Mining and logging.....	32.84	34.56	34.93	34.85	1,507.36	1,596.67	1,617.26	1,610.07
Construction.....	30.26	30.86	30.96	31.08	1,171.06	1,228.23	1,213.63	1,215.23
Manufacturing.....	27.24	27.90	27.95	28.05	1,111.39	1,129.95	1,129.18	1,136.03
Durable goods.....	28.71	29.36	29.41	29.53	1,179.98	1,203.76	1,199.93	1,207.78
Nondurable goods.....	24.71	25.37	25.44	25.50	993.34	1,009.73	1,007.42	1,012.35
Private service-providing.....	27.18	27.86	27.97	28.04	905.09	924.95	928.60	930.93
Trade, transportation, and utilities.....	23.63	24.39	24.44	24.53	815.24	834.14	835.85	836.47
Wholesale trade.....	30.82	31.62	31.71	31.82	1,201.98	1,230.02	1,236.69	1,240.98
Retail trade.....	19.07	19.84	19.87	19.91	589.26	609.09	608.02	607.26
Transportation and warehousing.....	24.40	24.99	25.00	25.09	954.04	959.62	960.00	963.46
Utilities.....	41.13	41.85	41.72	41.98	1,743.91	1,766.07	1,764.76	1,796.74
Information.....	41.02	42.07	42.13	42.29	1,480.82	1,535.56	1,533.53	1,535.13
Financial activities.....	35.31	36.06	36.15	36.23	1,327.66	1,352.25	1,362.86	1,369.49
Professional and business services.....	32.93	33.90	34.03	34.16	1,188.77	1,223.79	1,231.89	1,236.59
Education and health services.....	27.27	27.66	27.84	27.81	897.18	912.78	918.72	920.51
Leisure and hospitality.....	16.21	16.68	16.71	16.77	419.84	432.01	431.12	432.67
Other services.....	24.80	25.10	25.16	25.25	791.12	798.18	800.09	805.48

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>				
	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>	Percent change from: Oct. 2019 - Nov. 2019 <sup>p</sup>	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>	Percent change from: Oct. 2019 - Nov. 2019 <sup>p</sup>
Total private.....	110.1	111.5	111.7	111.9	0.2	144.4	149.9	150.7	151.3	0.4
Goods-producing.....	95.8	97.4	96.6	96.8	0.2	123.4	128.6	127.8	128.6	0.6
Mining and logging.....	107.9	108.3	109.1	107.9	-1.1	142.2	150.3	153.0	150.9	-1.4
Construction.....	98.5	103.1	101.7	101.5	-0.2	129.5	138.2	136.9	137.1	0.1
Manufacturing.....	93.9	93.7	93.1	93.7	0.6	118.9	121.5	121.0	122.3	1.1
Durable goods.....	92.8	93.1	92.1	92.8	0.8	118.4	121.4	120.3	121.7	1.2
Nondurable goods.....	95.7	95.1	94.8	95.2	0.4	119.9	122.4	122.3	123.2	0.7
Private service-providing.....	114.3	115.4	115.6	115.9	0.3	150.9	156.3	157.2	157.9	0.4
Trade, transportation, and utilities.....	104.5	103.8	103.9	103.7	-0.2	133.1	136.5	136.9	137.1	0.1
Wholesale trade.....	101.3	102.0	102.5	102.4	-0.1	130.6	135.0	135.9	136.3	0.3
Retail trade.....	99.3	98.3	98.1	97.8	-0.3	125.2	128.9	128.9	128.7	-0.2
Transportation and warehousing.....	123.2	122.1	122.3	122.6	0.2	152.5	154.8	155.0	156.0	0.6
Utilities.....	101.8	100.7	100.7	101.9	1.2	138.3	139.3	138.7	141.4	1.9
Information.....	93.3	94.3	93.8	94.0	0.2	136.2	141.2	140.7	141.5	0.6
Financial activities.....	106.1	106.9	107.6	108.1	0.5	146.1	150.3	151.8	152.7	0.6
Professional and business services.....	120.1	122.0	122.6	122.8	0.2	160.1	167.5	168.9	169.8	0.5
Education and health services.....	128.1	131.6	131.7	132.5	0.6	168.1	175.1	176.5	177.3	0.5
Leisure and hospitality.....	121.9	124.1	124.1	124.5	0.3	159.4	167.0	167.4	168.4	0.6
Other services.....	107.9	109.0	109.0	109.5	0.5	146.7	150.0	150.3	151.6	0.9

<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			
	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>
Total nonfarm.....	74,605	75,832	75,958	76,113	49.7	49.9	50.0	50.0
Total private.....	61,640	62,755	62,876	63,013	48.3	48.6	48.6	48.6
Goods-producing.....	4,651	4,736	4,742	4,754	22.2	22.4	22.5	22.5
Mining and logging.....	95	102	101	100	12.7	13.7	13.5	13.5
Construction.....	958	975	981	981	13.0	13.0	13.0	13.0
Manufacturing.....	3,598	3,659	3,660	3,673	28.1	28.5	28.6	28.6
Durable goods.....	1,908	1,946	1,941	1,950	23.8	24.1	24.2	24.2
Nondurable goods.....	1,690	1,713	1,719	1,723	35.5	35.8	35.8	35.9
Private service-providing.....	56,989	58,019	58,134	58,259	53.4	53.7	53.7	53.7
Trade, transportation, and utilities.....	11,154	11,169	11,182	11,186	40.1	40.1	40.1	40.1
Wholesale trade.....	1,764.3	1,794.3	1,793.7	1,797.7	30.0	30.2	30.1	30.2
Retail trade.....	7,882.9	7,817.3	7,826.0	7,821.5	49.8	49.6	49.6	49.5
Transportation and warehousing.....	1,376.0	1,425.3	1,430.2	1,434.9	25.0	25.6	25.7	25.7
Utilities.....	130.4	132.2	132.1	131.8	23.5	24.0	24.0	23.9
Information.....	1,115	1,129	1,126	1,141	39.4	39.9	39.9	40.2
Financial activities.....	4,868	4,907	4,915	4,913	56.5	56.4	56.4	56.3
Professional and business services.....	9,623	9,852	9,869	9,894	45.4	45.7	45.7	45.7
Education and health services.....	18,411	18,869	18,907	18,975	77.2	77.3	77.3	77.4
Leisure and hospitality.....	8,689	8,922	8,964	8,973	52.7	53.1	53.2	53.1
Other services.....	3,129	3,171	3,171	3,177	53.3	53.3	53.3	53.4
Government.....	12,965	13,077	13,082	13,100	57.7	57.8	57.8	57.9

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	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>
Total private.....	105,051	106,313	106,409	106,596
Goods-producing.....	15,015	15,107	15,084	15,116
Mining and logging.....	558	540	545	539
Construction.....	5,491	5,600	5,608	5,599
Manufacturing.....	8,966	8,967	8,931	8,978
Durable goods.....	5,523	5,543	5,499	5,534
Nondurable goods.....	3,443	3,424	3,432	3,444
Private service-providing.....	90,036	91,206	91,325	91,480
Trade, transportation, and utilities.....	23,495	23,550	23,556	23,554
Wholesale trade.....	4,729.5	4,770.5	4,769.5	4,765.8
Retail trade.....	13,508.0	13,466.1	13,473.6	13,462.0
Transportation and warehousing.....	4,813.1	4,871.0	4,873.1	4,884.9
Utilities.....	444.3	442.8	440.2	441.6
Information.....	2,284	2,276	2,268	2,281
Financial activities.....	6,668	6,731	6,747	6,753
Professional and business services.....	17,306	17,526	17,557	17,599
Education and health services.....	20,931	21,448	21,474	21,535
Leisure and hospitality.....	14,489	14,757	14,806	14,836
Other services.....	4,863	4,918	4,917	4,922

<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	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	33.7	33.6	33.5	33.5
Goods-producing.....	41.2	41.2	41.0	40.9
Mining and logging.....	46.1	47.2	47.7	47.3
Construction.....	39.3	40.2	39.7	39.5
Manufacturing.....	42.0	41.5	41.4	41.4
Durable goods.....	42.3	41.9	41.7	41.8
Nondurable goods.....	41.4	40.9	40.9	40.9
Private service-providing.....	32.4	32.3	32.3	32.3
Trade, transportation, and utilities.....	33.9	33.8	33.7	33.6
Wholesale trade.....	38.9	38.7	38.7	38.7
Retail trade.....	30.2	30.3	30.2	29.9
Transportation and warehousing.....	38.4	37.9	37.9	37.9
Utilities.....	42.8	42.3	42.8	43.0
Information.....	35.5	35.5	35.2	35.1
Financial activities.....	36.9	36.9	36.9	36.9
Professional and business services.....	35.3	35.4	35.3	35.3
Education and health services.....	32.2	32.1	32.2	32.2
Leisure and hospitality.....	24.8	24.6	24.6	24.7
Other services.....	30.9	30.7	30.8	30.9
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	4.5	4.2	4.1	4.2
Durable goods.....	4.7	4.2	4.1	4.2
Nondurable goods.....	4.3	4.1	4.2	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			
	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>
Total private.....	\$22.99	\$23.67	\$23.76	\$23.83	\$774.76	\$795.31	\$795.96	\$798.31
Goods-producing.....	24.29	24.89	24.96	24.98	1,000.75	1,025.47	1,023.36	1,021.68
Mining and logging.....	28.86	30.60	31.09	31.07	1,330.45	1,444.32	1,482.99	1,469.61
Construction.....	28.14	28.59	28.65	28.69	1,105.90	1,149.32	1,137.41	1,133.26
Manufacturing.....	21.78	22.27	22.30	22.36	914.76	924.21	923.22	925.70
Durable goods.....	22.72	23.19	23.22	23.32	961.06	971.66	968.27	974.78
Nondurable goods.....	20.23	20.73	20.79	20.79	837.52	847.86	850.31	850.31
Private service-providing.....	22.72	23.41	23.51	23.59	736.13	756.14	759.37	761.96
Trade, transportation, and utilities.....	20.17	20.78	20.80	20.94	683.76	702.36	700.96	703.58
Wholesale trade.....	25.53	26.27	26.37	26.47	993.12	1,016.65	1,020.52	1,024.39
Retail trade.....	16.14	16.75	16.72	16.77	487.43	507.53	504.94	501.42
Transportation and warehousing.....	21.99	22.57	22.57	22.84	844.42	855.40	855.40	865.64
Utilities.....	37.11	36.98	37.09	37.12	1,588.31	1,564.25	1,587.45	1,596.16
Information.....	32.70	34.28	34.35	34.16	1,160.85	1,216.94	1,209.12	1,199.02
Financial activities.....	27.17	27.84	27.94	28.06	1,002.57	1,027.30	1,030.99	1,035.41
Professional and business services.....	27.08	28.03	28.18	28.25	955.92	992.26	994.75	997.23
Education and health services.....	23.91	24.50	24.71	24.77	769.90	786.45	795.66	797.59
Leisure and hospitality.....	14.12	14.63	14.67	14.73	350.18	359.90	360.88	363.83
Other services.....	21.01	21.31	21.35	21.45	649.21	654.22	657.58	662.81

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

[2002=100]

Industry	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>	Percent change from: Oct. 2019 - Nov. 2019 <sup>p</sup>	Nov. 2018	Sept. 2019	Oct. 2019 <sup>p</sup>	Nov. 2019 <sup>p</sup>	Percent change from: Oct. 2019 - Nov. 2019 <sup>p</sup>
Total private.....	118.0	119.0	118.8	119.0	0.2	181.2	188.3	188.6	189.5	0.5
Goods-producing.....	94.5	95.1	94.5	94.5	0.0	140.6	145.0	144.4	144.5	0.1
Mining and logging.....	136.7	135.4	138.1	135.5	-1.9	229.4	241.0	249.8	244.8	-2.0
Construction.....	108.0	112.7	111.5	110.7	-0.7	164.2	174.0	172.5	171.5	-0.6
Manufacturing.....	86.4	85.4	84.9	85.3	0.5	123.1	124.4	123.8	124.8	0.8
Durable goods.....	87.8	87.3	86.1	86.9	0.9	124.5	126.3	124.9	126.5	1.3
Nondurable goods.....	84.0	82.5	82.7	83.0	0.4	120.1	120.9	121.5	121.9	0.3
Private service-providing.....	124.2	125.5	125.6	125.8	0.2	193.6	201.4	202.5	203.6	0.5
Trade, transportation, and utilities.....	111.2	111.2	110.9	110.5	-0.4	160.2	164.9	164.6	165.2	0.4
Wholesale trade.....	109.2	109.6	109.5	109.5	0.0	164.5	169.9	170.5	171.0	0.3
Retail trade.....	103.2	103.3	103.0	101.9	-1.1	142.8	148.2	147.5	146.4	-0.7
Transportation and warehousing.....	139.0	138.9	138.9	139.3	0.3	193.9	198.8	198.8	201.7	1.5
Utilities.....	97.2	95.8	96.4	97.1	0.7	150.6	147.9	149.2	150.5	0.9
Information.....	92.5	92.2	91.1	91.4	0.3	149.8	156.5	154.9	154.5	-0.3
Financial activities.....	115.8	116.9	117.2	117.3	0.1	193.6	200.3	201.5	202.5	0.5
Professional and business services.....	136.6	138.7	138.6	138.9	0.2	220.0	231.2	232.2	233.3	0.5
Education and health services.....	143.7	146.8	147.4	147.8	0.3	226.8	237.4	240.4	241.7	0.5
Leisure and hospitality.....	131.6	133.0	133.4	134.2	0.6	211.1	220.9	222.3	224.5	1.0
Other services.....	105.4	105.9	106.2	106.7	0.5	161.3	164.4	165.2	166.7	0.9

<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.