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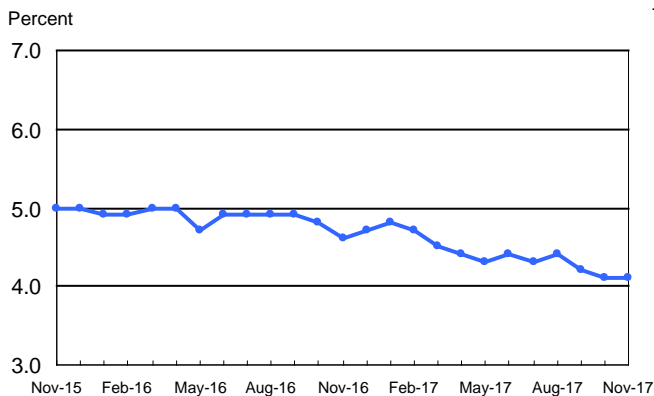
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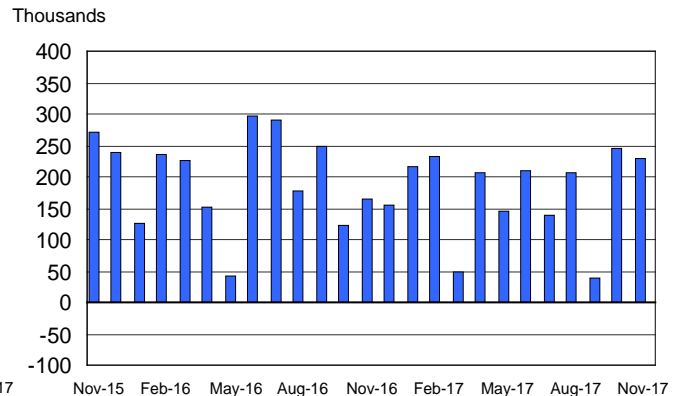
**THE EMPLOYMENT SITUATION — NOVEMBER 2017**

Total **nonfarm payroll employment** increased by 228,000 in November, and the **unemployment rate** was unchanged at 4.1 percent, the U.S. Bureau of Labor Statistics reported today. Employment continued to trend up in professional and business services, manufacturing, and health care.

**Chart 1. Unemployment rate, seasonally adjusted, November 2015 – November 2017**



**Chart 2. Nonfarm payroll employment over-the-month change, seasonally adjusted, November 2015 – November 2017**



**Household Survey Data**

The **unemployment rate** held at 4.1 percent in November, and the number of **unemployed persons** was essentially unchanged at 6.6 million. Over the year, the unemployment rate and the number of unemployed persons were down by 0.5 percentage point and 799,000, respectively. (See table A-1.)

Among the **major worker groups**, the unemployment rate for teenagers increased to 15.9 percent in November. The jobless rates for adult men (3.7 percent), adult women (3.7 percent), Whites (3.6 percent), Blacks (7.3 percent), Asians (3.0 percent), and Hispanics (4.7 percent) showed little change. (See tables A-1, A-2, and A-3.)

The number of **long-term unemployed** (those jobless for 27 weeks or more) was essentially unchanged at 1.6 million in November and accounted for 23.8 percent of the unemployed. Over the year, the number of long-term unemployed was down by 275,000. (See table A-12.)

The **labor force participation rate** remained at 62.7 percent in November and has shown no clear trend over the past 12 months. The **employment-population ratio**, at 60.1 percent, changed little in November and has shown little movement, on net, since early this year. (See table A-1.)

The number of persons employed **part time for economic reasons** (sometimes referred to as involuntary part-time workers), at 4.8 million, was essentially unchanged in November but was down by 858,000 over the year. These individuals, who would have preferred full-time employment, were working part time because their hours had been cut back or because they were unable to find full-time jobs. (See table A-8.)

In November, 1.5 million persons were **marginally attached to the labor force**, down by 451,000 from a year earlier. (The 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 469,000 **discouraged workers** in November, down by 122,000 from a year earlier. (The data are not seasonally adjusted.) Discouraged workers are persons not currently looking for work because they believe no jobs are available for them. The remaining 1.0 million persons marginally attached to the labor force in November had not searched for work for reasons such as school attendance or family responsibilities. (See table A-16.)

### **Establishment Survey Data**

Total **nonfarm payroll employment** increased by 228,000 in November. Employment continued to trend up in professional and business services, manufacturing, and health care. Employment growth has averaged 174,000 per month thus far this year, compared with an average monthly gain of 187,000 in 2016. (See table B-1.)

Employment in **professional and business services** continued on an upward trend in November (+46,000). Over the past 12 months, the industry has added 548,000 jobs.

In November, **manufacturing** added 31,000 jobs. Within the industry, employment rose in machinery (+8,000), fabricated metal products (+7,000), computer and electronic products (+4,000), and plastics and rubber products (+4,000). Since a recent low in November 2016, manufacturing employment has increased by 189,000.

**Health care** added 30,000 jobs in November. Most of the gain occurred in ambulatory health care services (+25,000), which includes offices of physicians and outpatient care centers. Monthly employment growth in health care has averaged 24,000 thus far in 2017, compared with an average increase of 32,000 per month in 2016.

Within **construction**, employment among specialty trade contractors increased by 23,000 in November and by 132,000 over the year.

Employment in other major industries, including **mining, wholesale trade, retail trade, transportation and warehousing, information, financial activities, leisure and hospitality, and government**, changed little over the month.

The **average workweek for all employees** on private nonfarm payrolls increased by 0.1 hour to 34.5 hours in November. In manufacturing, the workweek was unchanged at 40.9 hours, and overtime remained at 3.5 hours. The average workweek for **production and nonsupervisory employees** on private nonfarm payrolls was unchanged at 33.7 hours. (See tables B-2 and B-7.)

In November, **average hourly earnings for all employees** on private nonfarm payrolls rose by 5 cents to \$26.55. Over the year, average hourly earnings have risen by 64 cents, or 2.5 percent. Average hourly earnings of private-sector **production and nonsupervisory employees** rose by 5 cents to \$22.24 in November. (See tables B-3 and B-8.)

The change in total nonfarm payroll employment for September was revised up from +18,000 to +38,000, and the change for October was revised down from +261,000 to +244,000. With these revisions, employment gains in September and October combined were 3,000 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 170,000 over the last 3 months.

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**The Employment Situation for December is scheduled to be released on Friday, January 5, 2018, at 8:30 a.m. (EST).**

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

In accordance with usual practice, The Employment Situation news release for December 2017, scheduled for January 5, 2018, will incorporate annual revisions in seasonally adjusted household survey data. Seasonally adjusted data for the most recent 5 years are subject to revision.

#### **Conversion to the 2017 North American Industry Classification System**

With the release of January 2018 data on February 2, 2018, the establishment survey will revise the basis for industry classification from the 2012 North American Industry Classification System (NAICS) to 2017 NAICS. The conversion to 2017 NAICS will result in minor revisions reflecting content changes within the mining and logging, retail trade, information, financial activities, and professional and business services sectors. Additionally, some smaller industries will be combined within the mining and logging, durable goods manufacturing, retail trade, and information sectors. Several industry titles and descriptions also will be updated.

Approximately 4 percent of employment will be reclassified into different industries as a result of the revision. Details of new, discontinued, and combined industries due to the 2017 NAICS update, as well as changes due to the annual benchmarking process, will be available on January 5, 2018.

For more information on the 2017 NAICS update, visit [www.census.gov/eos/www/naics/](http://www.census.gov/eos/www/naics/).

## HOUSEHOLD DATA

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

[Numbers in thousands]

Category	Nov. 2016	Sept. 2017	Oct. 2017	Nov. 2017	Change from: Oct. 2017- Nov. 2017
<b>Employment status</b>					
Civilian noninstitutional population.....	254,540	255,562	255,766	255,949	183
Civilian labor force.....	159,456	161,146	160,381	160,529	148
Participation rate.....	62.6	63.1	62.7	62.7	0.0
Employed.....	152,048	154,345	153,861	153,918	57
Employment-population ratio.....	59.7	60.4	60.2	60.1	-0.1
Unemployed.....	7,409	6,801	6,520	6,610	90
Unemployment rate.....	4.6	4.2	4.1	4.1	0.0
Not in labor force.....	95,084	94,417	95,385	95,420	35
<b>Unemployment rates</b>					
Total, 16 years and over.....	4.6	4.2	4.1	4.1	0.0
Adult men (20 years and over).....	4.3	3.9	3.8	3.7	-0.1
Adult women (20 years and over).....	4.2	3.9	3.6	3.7	0.1
Teenagers (16 to 19 years).....	15.2	12.9	13.7	15.9	2.2
White.....	4.2	3.7	3.5	3.6	0.1
Black or African American.....	8.0	7.0	7.5	7.3	-0.2
Asian.....	3.0	3.7	3.1	3.0	-0.1
Hispanic or Latino ethnicity.....	5.7	5.1	4.8	4.7	-0.1
Total, 25 years and over.....	3.9	3.5	3.3	3.3	0.0
Less than a high school diploma.....	7.9	6.5	5.7	5.2	-0.5
High school graduates, no college.....	4.9	4.3	4.3	4.3	0.0
Some college or associate degree.....	3.9	3.6	3.7	3.6	-0.1
Bachelor's degree and higher.....	2.3	2.3	2.0	2.1	0.1
<b>Reason for unemployment</b>					
Job losers and persons who completed temporary jobs.....	3,542	3,359	3,227	3,159	-68
Job leavers.....	934	738	742	751	9
Reentrants.....	2,266	2,079	2,006	2,029	23
New entrants.....	728	669	629	691	62
<b>Duration of unemployment</b>					
Less than 5 weeks.....	2,415	2,226	2,129	2,250	121
5 to 14 weeks.....	2,133	1,874	1,942	1,878	-64
15 to 26 weeks.....	1,073	963	853	927	74
27 weeks and over.....	1,856	1,733	1,621	1,581	-40
<b>Employed persons at work part time</b>					
Part time for economic reasons.....	5,659	5,122	4,753	4,801	48
Slack work or business conditions.....	3,485	3,121	2,952	2,983	31
Could only find part-time work.....	1,902	1,733	1,629	1,559	-70
Part time for noneconomic reasons.....	21,059	21,011	20,923	21,018	95
<b>Persons not in the labor force (not seasonally adjusted)</b>					
Marginally attached to the labor force.....	1,932	1,569	1,535	1,481	-
Discouraged workers.....	591	421	524	469	-

- 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. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>
<b>EMPLOYMENT BY SELECTED INDUSTRY</b> (Over-the-month change, in thousands)				
Total nonfarm.....	164	38	244	228
Total private.....	178	50	247	221
Goods-producing.....	35	26	34	62
Mining and logging.....	7	4	1	7
Construction.....	28	13	10	24
Manufacturing.....	0	9	23	31
Durable goods <sup>1</sup> .....	3	6	13	27
Motor vehicles and parts.....	1.4	-3.1	-0.8	1.7
Nondurable goods.....	-3	3	10	4
Private service-providing.....	143	24	213	159
Wholesale trade.....	5.6	7.3	8.0	3.4
Retail trade.....	-12.9	11.7	-2.2	18.7
Transportation and warehousing.....	21.8	18.3	7.6	10.5
Utilities.....	0.3	0.6	0.1	-0.2
Information.....	-12	-5	-8	-4
Financial activities.....	12	12	7	8
Professional and business services <sup>1</sup> .....	46	30	54	46
Temporary help services.....	25.5	10.1	17.9	18.3
Education and health services <sup>1</sup> .....	31	23	24	54
Health care and social assistance.....	28.2	8.3	34.6	40.5
Leisure and hospitality.....	44	-75	104	14
Other services.....	7	1	18	9
Government.....	-14	-12	-3	7
<b>(3-month average change, in thousands)</b>				
Total nonfarm.....	179	128	163	170
Total private.....	178	122	160	173
<b>WOMEN AND PRODUCTION AND NONSUPERVISORY EMPLOYEES</b> AS A PERCENT OF ALL EMPLOYEES <sup>2</sup>				
Total nonfarm women employees.....	49.6	49.5	49.5	49.5
Total private women employees.....	48.2	48.1	48.1	48.1
Total private production and nonsupervisory employees.....	82.3	82.4	82.4	82.4
<b>HOURS AND EARNINGS</b> <b>ALL EMPLOYEES</b> <b>Total private</b>				
Average weekly hours.....	34.3	34.4	34.4	34.5
Average hourly earnings.....	\$25.91	\$26.53	\$26.50	\$26.55
Average weekly earnings.....	\$888.71	\$912.63	\$911.60	\$915.98
Index of aggregate weekly hours (2007=100) <sup>3</sup> .....	105.8	107.4	107.7	108.2
Over-the-month percent change.....	-0.1	0.0	0.3	0.5
Index of aggregate weekly payrolls (2007=100) <sup>4</sup> .....	131.0	136.3	136.4	137.3
Over-the-month percent change.....	-0.2	0.5	0.1	0.7
<b>DIFFUSION INDEX</b> (Over 1-month span) <sup>5</sup>				
Total private (261 industries).....	51.5	60.9	65.1	63.0
Manufacturing (78 industries).....	48.7	59.0	62.2	59.0

<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 2016 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 147,000 businesses and government agencies, representing approximately 634,000 individual worksites, in order to provide detailed industry data on employment, hours, and earnings of workers on nonfarm payrolls. The active sample includes approximately one-third of all nonfarm payroll employees.

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

## Coverage, definitions, and differences between surveys

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

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

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

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

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

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

Industries are classified on the basis of an establishment's principal activity in accordance with the 2012 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 120,000. 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 -70,000 to +170,000 (50,000 +/- 120,000). 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. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
<b>TOTAL</b>									
Civilian noninstitutional population.....	254,540	255,766	255,949	254,540	255,151	255,357	255,562	255,766	255,949
Civilian labor force.....	159,451	160,465	160,466	159,456	160,494	160,571	161,146	160,381	160,529
Participation rate.....	62.6	62.7	62.7	62.6	62.9	62.9	63.1	62.7	62.7
Employed.....	152,385	154,223	154,180	152,048	153,513	153,439	154,345	153,861	153,918
Employment-population ratio.....	59.9	60.3	60.2	59.7	60.2	60.1	60.4	60.2	60.1
Unemployed.....	7,066	6,242	6,286	7,409	6,981	7,132	6,801	6,520	6,610
Unemployment rate.....	4.4	3.9	3.9	4.6	4.3	4.4	4.2	4.1	4.1
Not in labor force.....	95,089	95,301	95,483	95,084	94,657	94,785	94,417	95,385	95,420
Persons who currently want a job.....	5,524	4,938	4,877	5,837	5,420	5,844	5,628	5,185	5,238
<b>Men, 16 years and over</b>									
Civilian noninstitutional population.....	122,998	123,617	123,707	122,998	123,311	123,413	123,516	123,617	123,707
Civilian labor force.....	84,628	85,236	84,943	84,860	84,989	85,137	85,520	85,230	85,170
Participation rate.....	68.8	69.0	68.7	69.0	68.9	69.0	69.2	68.9	68.8
Employed.....	80,763	81,875	81,535	80,826	81,273	81,310	81,883	81,659	81,630
Employment-population ratio.....	65.7	66.2	65.9	65.7	65.9	65.9	66.3	66.1	66.0
Unemployed.....	3,865	3,362	3,408	4,034	3,715	3,826	3,636	3,570	3,541
Unemployment rate.....	4.6	3.9	4.0	4.8	4.4	4.5	4.3	4.2	4.2
Not in labor force.....	38,370	38,380	38,764	38,139	38,323	38,277	37,996	38,387	38,537
<b>Men, 20 years and over</b>									
Civilian noninstitutional population.....	114,506	115,120	115,212	114,506	114,817	114,918	115,020	115,120	115,212
Civilian labor force.....	81,751	82,455	82,257	81,817	82,108	82,252	82,569	82,340	82,310
Participation rate.....	71.4	71.6	71.4	71.5	71.5	71.6	71.8	71.5	71.4
Employed.....	78,405	79,530	79,349	78,330	78,830	78,847	79,377	79,231	79,277
Employment-population ratio.....	68.5	69.1	68.9	68.4	68.7	68.6	69.0	68.8	68.8
Unemployed.....	3,347	2,925	2,909	3,486	3,278	3,405	3,192	3,109	3,033
Unemployment rate.....	4.1	3.5	3.5	4.3	4.0	4.1	3.9	3.8	3.7
Not in labor force.....	32,755	32,665	32,954	32,690	32,709	32,666	32,451	32,781	32,902
<b>Women, 16 years and over</b>									
Civilian noninstitutional population.....	131,542	132,149	132,242	131,542	131,840	131,943	132,047	132,149	132,242
Civilian labor force.....	74,823	75,228	75,523	74,597	75,505	75,435	75,626	75,152	75,358
Participation rate.....	56.9	56.9	57.1	56.7	57.3	57.2	57.3	56.9	57.0
Employed.....	71,622	72,348	72,645	71,222	72,240	72,129	72,461	72,202	72,289
Employment-population ratio.....	54.4	54.7	54.9	54.1	54.8	54.7	54.9	54.6	54.7
Unemployed.....	3,201	2,880	2,877	3,375	3,265	3,306	3,165	2,950	3,069
Unemployment rate.....	4.3	3.8	3.8	4.5	4.3	4.4	4.2	3.9	4.1
Not in labor force.....	56,719	56,921	56,719	56,945	56,334	56,509	56,421	56,998	56,884
<b>Women, 20 years and over</b>									
Civilian noninstitutional population.....	123,285	123,882	123,975	123,285	123,577	123,679	123,781	123,882	123,975
Civilian labor force.....	72,109	72,443	72,673	71,737	72,526	72,425	72,569	72,206	72,346
Participation rate.....	58.5	58.5	58.6	58.2	58.7	58.6	58.6	58.3	58.4
Employed.....	69,203	69,872	70,163	68,712	69,599	69,500	69,737	69,592	69,700
Employment-population ratio.....	56.1	56.4	56.6	55.7	56.3	56.2	56.3	56.2	56.2
Unemployed.....	2,906	2,571	2,509	3,025	2,927	2,925	2,831	2,615	2,646
Unemployment rate.....	4.0	3.5	3.5	4.2	4.0	4.0	3.9	3.6	3.7
Not in labor force.....	51,176	51,440	51,302	51,548	51,051	51,254	51,212	51,676	51,629
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population.....	16,749	16,763	16,762	16,749	16,757	16,759	16,761	16,763	16,762
Civilian labor force.....	5,591	5,567	5,536	5,903	5,860	5,895	6,008	5,836	5,873
Participation rate.....	33.4	33.2	33.0	35.2	35.0	35.2	35.8	34.8	35.0
Employed.....	4,778	4,821	4,668	5,006	5,084	5,092	5,230	5,039	4,942
Employment-population ratio.....	28.5	28.8	27.8	29.9	30.3	30.4	31.2	30.1	29.5
Unemployed.....	814	746	868	897	775	803	778	797	931
Unemployment rate.....	14.6	13.4	15.7	15.2	13.2	13.6	12.9	13.7	15.9
Not in labor force.....	11,158	11,196	11,226	10,846	10,898	10,865	10,753	10,928	10,889

<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. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
<b>WHITE</b>									
Civilian noninstitutional population.....	198,745	199,298	199,386	198,745	198,974	199,082	199,191	199,298	199,386
Civilian labor force.....	124,549	124,777	124,966	124,578	124,968	125,037	125,393	124,731	125,020
Participation rate.....	62.7	62.6	62.7	62.7	62.8	62.8	63.0	62.6	62.7
Employed.....	119,680	120,692	120,749	119,370	120,262	120,209	120,753	120,408	120,511
Employment-population ratio.....	60.2	60.6	60.6	60.1	60.4	60.4	60.6	60.4	60.4
Unemployed.....	4,869	4,085	4,217	5,208	4,706	4,828	4,641	4,324	4,509
Unemployment rate.....	3.9	3.3	3.4	4.2	3.8	3.9	3.7	3.5	3.6
Not in labor force.....	74,197	74,520	74,420	74,168	74,006	74,046	73,797	74,567	74,366
<b>Men, 20 years and over</b>									
Civilian labor force.....	65,096	65,318	65,297	65,124	65,141	65,262	65,339	65,216	65,327
Participation rate.....	71.7	71.7	71.6	71.7	71.6	71.7	71.7	71.6	71.7
Employed.....	62,716	63,380	63,327	62,608	62,904	62,961	63,143	63,121	63,252
Employment-population ratio.....	69.0	69.6	69.5	68.9	69.2	69.2	69.3	69.3	69.4
Unemployed.....	2,380	1,937	1,971	2,516	2,238	2,301	2,196	2,095	2,075
Unemployment rate.....	3.7	3.0	3.0	3.9	3.4	3.5	3.4	3.2	3.2
<b>Women, 20 years and over</b>									
Civilian labor force.....	55,065	55,149	55,365	54,808	55,393	55,282	55,476	55,009	55,129
Participation rate.....	57.6	57.5	57.7	57.4	57.9	57.7	57.9	57.4	57.5
Employed.....	53,168	53,515	53,729	52,783	53,420	53,286	53,551	53,318	53,368
Employment-population ratio.....	55.6	55.8	56.0	55.2	55.8	55.7	55.9	55.6	55.7
Unemployed.....	1,897	1,635	1,635	2,026	1,973	1,996	1,925	1,691	1,761
Unemployment rate.....	3.4	3.0	3.0	3.7	3.6	3.6	3.5	3.1	3.2
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	4,388	4,310	4,304	4,645	4,433	4,492	4,578	4,506	4,564
Participation rate.....	35.5	34.9	34.9	37.6	35.9	36.4	37.1	36.5	37.0
Employed.....	3,796	3,798	3,693	3,979	3,938	3,962	4,058	3,968	3,891
Employment-population ratio.....	30.7	30.8	29.9	32.2	31.9	32.1	32.9	32.2	31.5
Unemployed.....	593	513	611	666	495	530	520	538	673
Unemployment rate.....	13.5	11.9	14.2	14.3	11.2	11.8	11.4	11.9	14.8
<b>BLACK OR AFRICAN AMERICAN</b>									
Civilian noninstitutional population.....	32,068	32,370	32,404	32,068	32,260	32,296	32,333	32,370	32,404
Civilian labor force.....	19,916	20,264	20,218	19,856	20,096	20,092	20,232	20,144	20,168
Participation rate.....	62.1	62.6	62.4	61.9	62.3	62.2	62.6	62.2	62.2
Employed.....	18,361	18,744	18,779	18,262	18,617	18,544	18,819	18,636	18,694
Employment-population ratio.....	57.3	57.9	58.0	56.9	57.7	57.4	58.2	57.6	57.7
Unemployed.....	1,555	1,520	1,439	1,594	1,479	1,548	1,413	1,508	1,474
Unemployment rate.....	7.8	7.5	7.1	8.0	7.4	7.7	7.0	7.5	7.3
Not in labor force.....	12,152	12,106	12,186	12,212	12,163	12,204	12,101	12,225	12,236
<b>Men, 20 years and over</b>									
Civilian labor force.....	9,009	9,276	9,210	9,018	9,163	9,205	9,279	9,225	9,221
Participation rate.....	67.4	68.6	68.0	67.5	68.0	68.2	68.7	68.2	68.1
Employed.....	8,355	8,580	8,552	8,328	8,522	8,487	8,654	8,530	8,538
Employment-population ratio.....	62.5	63.4	63.1	62.3	63.3	62.9	64.1	63.1	63.0
Unemployed.....	655	696	658	691	641	718	625	694	683
Unemployment rate.....	7.3	7.5	7.1	7.7	7.0	7.8	6.7	7.5	7.4
<b>Women, 20 years and over</b>									
Civilian labor force.....	10,226	10,291	10,310	10,135	10,170	10,127	10,149	10,200	10,210
Participation rate.....	63.2	63.0	63.1	62.6	62.5	62.1	62.2	62.4	62.4
Employed.....	9,496	9,609	9,703	9,418	9,511	9,474	9,541	9,542	9,607
Employment-population ratio.....	58.7	58.8	59.3	58.2	58.4	58.1	58.5	58.4	58.8
Unemployed.....	730	682	607	716	660	653	608	657	603
Unemployment rate.....	7.1	6.6	5.9	7.1	6.5	6.4	6.0	6.4	5.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	681	697	698	703	763	760	804	720	737
Participation rate.....	27.0	27.8	27.8	27.9	30.4	30.3	32.0	28.7	29.4
Employed.....	510	555	524	516	585	583	624	564	549
Employment-population ratio.....	20.3	22.1	20.9	20.5	23.3	23.2	24.9	22.5	21.9
Unemployed.....	171	142	174	187	178	178	180	156	188
Unemployment rate.....	25.0	20.4	25.0	26.6	23.3	23.4	22.4	21.7	25.5

See footnotes at end of table.

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Employment status, race, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Nov. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
<b>ASIAN</b>									
Civilian noninstitutional population.....	15,323	15,466	15,370	15,323	15,290	15,341	15,483	15,466	15,370
Civilian labor force.....	9,584	9,794	9,633	9,634	9,789	9,886	10,005	9,871	9,696
Participation rate.....	62.5	63.3	62.7	62.9	64.0	64.4	64.6	63.8	63.1
Employed.....	9,292	9,507	9,343	9,342	9,418	9,489	9,638	9,569	9,402
Employment-population ratio.....	60.6	61.5	60.8	61.0	61.6	61.9	62.3	61.9	61.2
Unemployed.....	292	288	290	292	370	397	366	302	294
Unemployment rate.....	3.0	2.9	3.0	3.0	3.8	4.0	3.7	3.1	3.0
Not in labor force.....	5,739	5,671	5,737	5,690	5,502	5,455	5,478	5,594	5,673

<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. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
<b>HISPANIC OR LATINO ETHNICITY</b>									
Civilian noninstitutional population.....	41,102	41,665	41,751	41,102	41,404	41,492	41,579	41,665	41,751
Civilian labor force.....	27,066	27,328	27,479	26,990	27,487	27,322	27,633	27,323	27,409
Participation rate.....	65.8	65.6	65.8	65.7	66.4	65.8	66.5	65.6	65.6
Employed.....	25,540	26,077	26,196	25,448	26,078	25,914	26,229	26,002	26,110
Employment-population ratio.....	62.1	62.6	62.7	61.9	63.0	62.5	63.1	62.4	62.5
Unemployed.....	1,526	1,250	1,283	1,541	1,409	1,408	1,404	1,321	1,299
Unemployment rate.....	5.6	4.6	4.7	5.7	5.1	5.2	5.1	4.8	4.7
Not in labor force.....	14,037	14,337	14,272	14,113	13,917	14,170	13,946	14,342	14,342
<b>Men, 20 years and over</b>									
Civilian labor force.....	14,932	14,987	14,999	14,881	15,085	15,017	15,119	14,958	14,968
Participation rate.....	80.6	79.9	79.8	80.3	80.9	80.4	80.8	79.7	79.6
Employed.....	14,162	14,459	14,432	14,113	14,425	14,298	14,507	14,379	14,400
Employment-population ratio.....	76.4	77.1	76.8	76.2	77.4	76.5	77.5	76.6	76.6
Unemployed.....	770	528	567	768	660	719	612	579	568
Unemployment rate.....	5.2	3.5	3.8	5.2	4.4	4.8	4.0	3.9	3.8
<b>Women, 20 years and over</b>									
Civilian labor force.....	11,035	11,158	11,314	10,971	11,176	11,091	11,256	11,158	11,237
Participation rate.....	58.8	58.6	59.3	58.5	59.1	58.5	59.2	58.6	58.9
Employed.....	10,476	10,639	10,769	10,411	10,580	10,570	10,643	10,612	10,691
Employment-population ratio.....	55.8	55.9	56.4	55.5	55.9	55.8	56.0	55.7	56.0
Unemployed.....	559	519	545	560	596	521	613	545	546
Unemployment rate.....	5.1	4.6	4.8	5.1	5.3	4.7	5.4	4.9	4.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	1,099	1,184	1,166	1,138	1,227	1,214	1,258	1,207	1,203
Participation rate.....	28.8	30.6	30.1	29.9	31.9	31.5	32.6	31.2	31.1
Employed.....	902	980	995	924	1,073	1,046	1,078	1,011	1,018
Employment-population ratio.....	23.7	25.3	25.7	24.3	27.9	27.1	27.9	26.1	26.3
Unemployed.....	196	204	171	214	154	169	179	196	185
Unemployment rate.....	17.9	17.2	14.7	18.8	12.5	13.9	14.3	16.3	15.4

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

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Educational attainment	Not seasonally adjusted			Seasonally adjusted					
	Nov. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
<b>Less than a high school diploma</b>									
Civilian labor force.....	10,678	10,141	10,298	10,587	10,570	10,565	10,575	10,302	10,197
Participation rate.....	45.5	45.3	45.6	45.1	47.3	46.2	46.3	46.1	45.2
Employed.....	9,858	9,624	9,779	9,753	9,842	9,933	9,891	9,717	9,670
Employment-population ratio.....	42.0	43.0	43.4	41.5	44.0	43.4	43.3	43.5	42.9
Unemployed.....	820	516	518	834	728	632	684	585	526
Unemployment rate.....	7.7	5.1	5.0	7.9	6.9	6.0	6.5	5.7	5.2
<b>High school graduates, no college<sup>1</sup></b>									
Civilian labor force.....	35,873	35,788	36,102	35,833	35,648	35,931	35,904	35,586	35,982
Participation rate.....	57.8	57.2	57.7	57.7	57.7	57.6	57.4	56.9	57.5
Employed.....	34,175	34,358	34,598	34,068	34,038	34,106	34,367	34,062	34,433
Employment-population ratio.....	55.1	54.9	55.3	54.9	55.1	54.7	54.9	54.5	55.0
Unemployed.....	1,698	1,431	1,504	1,765	1,610	1,825	1,537	1,523	1,548
Unemployment rate.....	4.7	4.0	4.2	4.9	4.5	5.1	4.3	4.3	4.3
<b>Some college or associate degree</b>									
Civilian labor force.....	38,110	37,987	38,075	38,189	37,475	37,388	37,659	37,785	37,922
Participation rate.....	66.3	66.2	66.4	66.4	65.4	65.9	66.1	65.8	66.1
Employed.....	36,684	36,636	36,747	36,702	36,077	35,978	36,306	36,402	36,539
Employment-population ratio.....	63.8	63.8	64.1	63.8	63.0	63.4	63.7	63.4	63.7
Unemployed.....	1,426	1,351	1,328	1,486	1,397	1,411	1,353	1,383	1,382
Unemployment rate.....	3.7	3.6	3.5	3.9	3.7	3.8	3.6	3.7	3.6
<b>Bachelor's degree and higher<sup>2</sup></b>									
Civilian labor force.....	54,054	55,728	55,498	53,899	55,696	55,595	55,655	55,587	55,470
Participation rate.....	73.9	73.9	73.6	73.7	73.7	73.9	74.2	73.7	73.6
Employed.....	52,867	54,604	54,424	52,656	54,378	54,250	54,395	54,453	54,323
Employment-population ratio.....	72.3	72.4	72.2	72.0	72.0	72.1	72.5	72.2	72.0
Unemployed.....	1,187	1,124	1,074	1,243	1,318	1,345	1,260	1,134	1,147
Unemployment rate.....	2.2	2.0	1.9	2.3	2.4	2.4	2.3	2.0	2.1

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

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

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



**HOUSEHOLD DATA**

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

[Numbers in thousands]

Employment status, veteran status, and period of service	Total		Men		Women	
	Nov. 2016	Nov. 2017	Nov. 2016	Nov. 2017	Nov. 2016	Nov. 2017
<b>VETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	20,782	19,420	18,762	17,566	2,020	1,854
Civilian labor force.....	10,493	9,698	9,218	8,569	1,275	1,129
Participation rate.....	50.5	49.9	49.1	48.8	63.1	60.9
Employed.....	9,994	9,310	8,812	8,223	1,181	1,087
Employment-population ratio.....	48.1	47.9	47.0	46.8	58.5	58.6
Unemployed.....	499	388	406	346	94	42
Unemployment rate.....	4.8	4.0	4.4	4.0	7.4	3.7
Not in labor force.....	10,289	9,722	9,544	8,997	745	725
<b>Gulf War-era II veterans</b>						
Civilian noninstitutional population.....	4,034	4,103	3,335	3,410	699	692
Civilian labor force.....	3,338	3,374	2,813	2,882	525	493
Participation rate.....	82.8	82.2	84.3	84.5	75.2	71.2
Employed.....	3,123	3,219	2,650	2,759	473	460
Employment-population ratio.....	77.4	78.5	79.5	80.9	67.7	66.5
Unemployed.....	216	155	163	123	53	33
Unemployment rate.....	6.5	4.6	5.8	4.3	10.0	6.6
Not in labor force.....	696	728	522	529	173	199
<b>Gulf War-era I veterans</b>						
Civilian noninstitutional population.....	3,295	3,030	2,783	2,551	512	480
Civilian labor force.....	2,609	2,387	2,231	2,052	377	335
Participation rate.....	79.2	78.8	80.2	80.4	73.7	69.9
Employed.....	2,522	2,316	2,163	1,984	359	332
Employment-population ratio.....	76.5	76.4	77.7	77.8	70.1	69.1
Unemployed.....	87	71	68	67	18	4
Unemployment rate.....	3.3	3.0	3.1	3.3	4.8	1.1
Not in labor force.....	687	643	552	499	135	144
<b>World War II, Korean War, and Vietnam-era veterans</b>						
Civilian noninstitutional population.....	8,341	7,873	8,042	7,605	299	268
Civilian labor force.....	1,944	1,753	1,877	1,689	67	64
Participation rate.....	23.3	22.3	23.3	22.2	22.5	23.7
Employed.....	1,867	1,680	1,804	1,616	63	64
Employment-population ratio.....	22.4	21.3	22.4	21.3	21.0	23.7
Unemployed.....	78	73	73	73	4	0
Unemployment rate.....	4.0	4.2	3.9	4.3	-	-
Not in labor force.....	6,397	6,120	6,165	5,916	232	204
<b>Veterans of other service periods</b>						
Civilian noninstitutional population.....	5,112	4,414	4,602	4,000	510	414
Civilian labor force.....	2,602	2,184	2,297	1,946	305	237
Participation rate.....	50.9	49.5	49.9	48.7	59.9	57.3
Employed.....	2,483	2,095	2,196	1,863	287	231
Employment-population ratio.....	48.6	47.5	47.7	46.6	56.3	55.9
Unemployed.....	119	89	101	83	19	6
Unemployment rate.....	4.6	4.1	4.4	4.3	6.1	2.5
Not in labor force.....	2,510	2,230	2,305	2,054	205	177
<b>NONVETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	224,658	227,216	99,680	101,379	124,978	125,837
Civilian labor force.....	147,061	148,582	74,491	75,345	72,570	73,237
Participation rate.....	65.5	65.4	74.7	74.3	58.1	58.2
Employed.....	140,801	143,076	71,234	72,500	69,566	70,576
Employment-population ratio.....	62.7	63.0	71.5	71.5	55.7	56.1
Unemployed.....	6,260	5,506	3,256	2,845	3,003	2,661
Unemployment rate.....	4.3	3.7	4.4	3.8	4.1	3.6
Not in labor force.....	77,598	78,634	25,189	26,034	52,408	52,600

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. 2016	Nov. 2017	Nov. 2016	Nov. 2017
<b>TOTAL, 16 years and over</b>				
Civilian noninstitutional population.....	30,170	29,968	224,371	225,981
Civilian labor force.....	6,023	6,222	153,428	154,244
Participation rate.....	20.0	20.8	68.4	68.3
Employed.....	5,423	5,693	146,962	148,487
Employment-population ratio.....	18.0	19.0	65.5	65.7
Unemployed.....	600	529	6,466	5,757
Unemployment rate.....	10.0	8.5	4.2	3.7
Not in labor force.....	24,147	23,746	70,942	71,737
<b>Men, 16 to 64 years</b>				
Civilian labor force.....	2,623	2,730	76,913	76,842
Participation rate.....	33.9	36.5	82.2	81.9
Employed.....	2,353	2,469	73,493	73,867
Employment-population ratio.....	30.4	33.0	78.6	78.8
Unemployed.....	270	262	3,421	2,976
Unemployment rate.....	10.3	9.6	4.4	3.9
Not in labor force.....	5,106	4,760	16,629	16,927
<b>Women, 16 to 64 years</b>				
Civilian labor force.....	2,313	2,321	68,243	68,900
Participation rate.....	28.4	29.9	70.8	71.2
Employed.....	2,052	2,109	65,477	66,365
Employment-population ratio.....	25.2	27.2	67.9	68.6
Unemployed.....	261	212	2,766	2,535
Unemployment rate.....	11.3	9.1	4.1	3.7
Not in labor force.....	5,833	5,437	28,205	27,838
<b>Both sexes, 65 years and over</b>				
Civilian labor force.....	1,087	1,170	8,272	8,502
Participation rate.....	7.6	8.0	24.1	24.0
Employed.....	1,018	1,115	7,992	8,255
Employment-population ratio.....	7.1	7.6	23.2	23.3
Unemployed.....	69	55	280	247
Unemployment rate.....	6.3	4.7	3.4	2.9
Not in labor force.....	13,208	13,548	26,108	26,972

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. 2016	Nov. 2017	Nov. 2016	Nov. 2017	Nov. 2016	Nov. 2017
<b>Foreign born, 16 years and over</b>						
Civilian noninstitutional population.....	41,898	41,834	20,306	20,121	21,592	21,712
Civilian labor force.....	27,384	27,395	15,842	15,597	11,542	11,798
Participation rate.....	65.4	65.5	78.0	77.5	53.5	54.3
Employed.....	26,196	26,453	15,211	15,138	10,985	11,315
Employment-population ratio.....	62.5	63.2	74.9	75.2	50.9	52.1
Unemployed.....	1,188	942	632	459	557	483
Unemployment rate.....	4.3	3.4	4.0	2.9	4.8	4.1
Not in labor force.....	14,514	14,438	4,464	4,524	10,050	9,914
<b>Native born, 16 years and over</b>						
Civilian noninstitutional population.....	212,643	214,115	102,692	103,586	109,950	110,530
Civilian labor force.....	132,068	133,071	68,786	69,346	63,282	63,725
Participation rate.....	62.1	62.1	67.0	66.9	57.6	57.7
Employed.....	126,190	127,727	65,553	66,396	60,637	61,331
Employment-population ratio.....	59.3	59.7	63.8	64.1	55.1	55.5
Unemployed.....	5,878	5,344	3,233	2,950	2,645	2,394
Unemployment rate.....	4.5	4.0	4.7	4.3	4.2	3.8
Not in labor force.....	80,575	81,045	33,906	34,240	46,669	46,805

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. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
<b>CLASS OF WORKER</b>									
Agriculture and related industries.....	2,366	2,559	2,451	2,431	2,317	2,339	2,307	2,460	2,507
Wage and salary workers <sup>1</sup> .....	1,535	1,814	1,666	1,559	1,582	1,584	1,547	1,722	1,696
Self-employed workers, unincorporated.....	796	721	754	833	708	722	746	739	789
Unpaid family workers.....	34	24	30	-	-	-	-	-	-
Nonagricultural industries.....	150,020	151,664	151,729	149,752	151,208	151,143	152,093	151,357	151,478
Wage and salary workers <sup>1</sup> .....	141,210	142,564	142,653	140,968	142,714	142,466	143,106	142,285	142,463
Government.....	21,114	20,753	20,950	20,938	21,052	21,080	20,947	20,737	20,758
Private industries.....	120,096	121,811	121,702	120,016	121,627	121,366	122,188	121,582	121,740
Private households.....	717	571	608	-	-	-	-	-	-
Other industries.....	119,380	121,240	121,094	119,290	120,964	120,712	121,570	121,018	121,123
Self-employed workers, unincorporated.....	8,757	9,067	9,030	8,716	8,475	8,602	8,856	8,961	8,925
Unpaid family workers.....	53	33	46	-	-	-	-	-	-
<b>PERSONS AT WORK PART TIME<sup>2</sup></b>									
<b>  All industries</b>									
Part time for economic reasons <sup>3</sup> .....	5,518	4,553	4,642	5,659	5,282	5,255	5,122	4,753	4,801
Slack work or business conditions.....	3,391	2,762	2,872	3,485	3,161	3,266	3,121	2,952	2,983
Could only find part-time work.....	1,853	1,609	1,497	1,902	1,754	1,645	1,733	1,629	1,559
Part time for noneconomic reasons <sup>4</sup> .....	22,084	21,395	22,123	21,059	21,260	21,447	21,011	20,923	21,018
<b>    Nonagricultural industries</b>									
Part time for economic reasons <sup>3</sup> .....	5,411	4,496	4,554	5,550	5,231	5,179	5,032	4,696	4,721
Slack work or business conditions.....	3,327	2,734	2,819	3,424	3,137	3,217	3,071	2,943	2,940
Could only find part-time work.....	1,832	1,594	1,486	1,870	1,739	1,633	1,713	1,613	1,543
Part time for noneconomic reasons <sup>4</sup> .....	21,757	21,034	21,744	20,696	20,909	21,087	20,689	20,604	20,647

<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. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
<b>AGE AND SEX</b>									
Total, 16 years and over.....	152,385	154,223	154,180	152,048	153,513	153,439	154,345	153,861	153,918
16 to 19 years.....	4,778	4,821	4,668	5,006	5,084	5,092	5,230	5,039	4,942
16 to 17 years.....	1,590	1,903	1,794	1,682	1,816	1,918	1,983	1,944	1,936
18 to 19 years.....	3,187	2,918	2,874	3,318	3,265	3,165	3,229	3,079	3,002
20 years and over.....	147,608	149,402	149,512	147,042	148,429	148,347	149,114	148,823	148,977
20 to 24 years.....	14,024	14,180	13,963	14,000	14,199	14,209	14,235	14,216	14,006
25 years and over.....	133,584	135,222	135,549	133,166	134,349	134,125	134,845	134,651	135,053
25 to 54 years.....	98,751	99,584	99,823	98,453	98,906	98,559	99,222	99,178	99,424
25 to 34 years.....	34,056	34,755	34,821	33,952	34,500	34,310	34,655	34,664	34,709
35 to 44 years.....	31,870	32,254	32,316	31,741	31,889	31,824	32,035	32,082	32,161
45 to 54 years.....	32,824	32,574	32,685	32,760	32,517	32,425	32,533	32,432	32,554
55 years and over.....	34,833	35,638	35,726	34,713	35,442	35,566	35,622	35,472	35,628
Men, 16 years and over.....	80,763	81,875	81,535	80,826	81,273	81,310	81,883	81,659	81,630
16 to 19 years.....	2,359	2,345	2,186	2,495	2,443	2,463	2,506	2,428	2,353
16 to 17 years.....	716	857	811	769	798	883	903	895	896
18 to 19 years.....	1,642	1,488	1,375	1,728	1,643	1,574	1,609	1,532	1,449
20 years and over.....	78,405	79,530	79,349	78,330	78,830	78,847	79,377	79,231	79,277
20 to 24 years.....	7,171	7,248	7,157	7,206	7,351	7,369	7,326	7,296	7,222
25 years and over.....	71,233	72,282	72,192	71,186	71,551	71,470	72,002	71,939	72,106
25 to 54 years.....	52,760	53,242	53,178	52,700	52,692	52,531	52,956	53,018	53,066
25 to 34 years.....	18,254	18,655	18,650	18,228	18,473	18,420	18,599	18,598	18,616
35 to 44 years.....	17,187	17,414	17,347	17,137	17,129	17,085	17,255	17,314	17,298
45 to 54 years.....	17,319	17,173	17,181	17,334	17,091	17,026	17,102	17,106	17,152
55 years and over.....	18,473	19,040	19,014	18,486	18,858	18,939	19,047	18,921	19,040
Women, 16 years and over.....	71,622	72,348	72,645	71,222	72,240	72,129	72,461	72,202	72,289
16 to 19 years.....	2,419	2,477	2,482	2,510	2,641	2,629	2,724	2,611	2,589
16 to 17 years.....	874	1,046	983	914	1,018	1,036	1,080	1,049	1,040
18 to 19 years.....	1,545	1,430	1,499	1,590	1,621	1,591	1,620	1,547	1,553
20 years and over.....	69,203	69,872	70,163	68,712	69,599	69,500	69,737	69,592	69,700
20 to 24 years.....	6,852	6,932	6,806	6,794	6,849	6,841	6,909	6,920	6,784
25 years and over.....	62,351	62,940	63,357	61,981	62,798	62,655	62,842	62,711	62,947
25 to 54 years.....	45,990	46,342	46,645	45,753	46,214	46,027	46,267	46,160	46,358
25 to 34 years.....	15,802	16,100	16,171	15,724	16,027	15,890	16,056	16,066	16,093
35 to 44 years.....	14,683	14,840	14,969	14,603	14,760	14,739	14,780	14,768	14,863
45 to 54 years.....	15,505	15,401	15,504	15,426	15,427	15,399	15,431	15,326	15,402
55 years and over.....	16,361	16,598	16,712	16,227	16,584	16,628	16,576	16,551	16,589
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	45,294	45,886	45,581	45,268	45,574	45,327	45,646	45,826	45,651
Married women, spouse present <sup>1</sup> .....	35,653	36,072	36,151	35,342	35,946	35,475	35,571	35,873	35,880
Women who maintain families <sup>2</sup> .....	9,935	9,829	10,064	-	-	-	-	-	-
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	123,960	127,055	126,468	124,213	125,921	125,755	126,690	126,667	126,827
Part-time workers <sup>4</sup> .....	28,425	27,168	27,713	27,854	27,535	27,569	27,650	27,235	27,110
<b>MULTIPLE JOBHOLDERS</b>									
Total multiple jobholders.....	8,107	7,409	7,593	7,812	7,589	7,346	7,366	7,188	7,323
Percent of total employed.....	5.3	4.8	4.9	5.1	4.9	4.8	4.8	4.7	4.8
<b>SELF-EMPLOYMENT</b>									
Self-employed workers, incorporated.....	5,898	6,171	6,021	-	-	-	-	-	-
Self-employed workers, unincorporated.....	9,553	9,789	9,785	9,549	9,183	9,325	9,603	9,700	9,714

<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. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
<b>AGE AND SEX</b>									
Total, 16 years and over.....	7,409	6,520	6,610	4.6	4.3	4.4	4.2	4.1	4.1
16 to 19 years.....	897	797	931	15.2	13.2	13.6	12.9	13.7	15.9
16 to 17 years.....	372	334	454	18.1	15.5	14.7	13.6	14.7	19.0
18 to 19 years.....	551	466	510	14.2	11.6	13.1	12.8	13.1	14.5
20 years and over.....	6,511	5,723	5,679	4.2	4.0	4.1	3.9	3.7	3.7
20 to 24 years.....	1,232	1,105	1,092	8.1	7.4	7.1	7.5	7.2	7.2
25 years and over.....	5,333	4,608	4,622	3.9	3.6	3.8	3.5	3.3	3.3
25 to 54 years.....	4,053	3,501	3,482	4.0	3.8	4.0	3.6	3.4	3.4
25 to 34 years.....	1,717	1,602	1,547	4.8	4.6	4.9	4.4	4.4	4.3
35 to 44 years.....	1,164	1,003	1,027	3.5	3.6	3.4	3.2	3.0	3.1
45 to 54 years.....	1,172	895	908	3.5	3.2	3.6	3.1	2.7	2.7
55 years and over.....	1,273	1,128	1,136	3.5	3.2	3.2	3.2	3.1	3.1
Men, 16 years and over.....	4,034	3,570	3,541	4.8	4.4	4.5	4.3	4.2	4.2
16 to 19 years.....	548	462	508	18.0	15.2	14.6	15.1	16.0	17.7
16 to 17 years.....	234	186	235	23.3	17.9	15.0	15.4	17.2	20.8
18 to 19 years.....	332	286	292	16.1	13.4	14.7	15.2	15.7	16.8
20 years and over.....	3,486	3,109	3,033	4.3	4.0	4.1	3.9	3.8	3.7
20 to 24 years.....	724	639	668	9.1	8.0	7.6	8.6	8.0	8.5
25 years and over.....	2,810	2,468	2,408	3.8	3.6	3.8	3.4	3.3	3.2
25 to 54 years.....	2,129	1,830	1,752	3.9	3.8	4.0	3.5	3.3	3.2
25 to 34 years.....	927	849	796	4.8	4.5	5.0	4.3	4.4	4.1
35 to 44 years.....	616	502	484	3.5	3.5	3.3	2.9	2.8	2.7
45 to 54 years.....	585	479	471	3.3	3.2	3.5	3.1	2.7	2.7
55 years and over.....	681	638	656	3.6	2.9	3.2	3.1	3.3	3.3
Women, 16 years and over.....	3,375	2,950	3,069	4.5	4.3	4.4	4.2	3.9	4.1
16 to 19 years.....	350	335	424	12.2	11.3	12.7	10.9	11.4	14.1
16 to 17 years.....	138	148	219	13.1	13.5	14.3	12.1	12.4	17.4
18 to 19 years.....	218	180	218	12.1	9.7	11.5	10.2	10.4	12.3
20 years and over.....	3,025	2,615	2,646	4.2	4.0	4.0	3.9	3.6	3.7
20 to 24 years.....	508	466	424	7.0	6.7	6.6	6.3	6.3	5.9
25 years and over.....	2,523	2,140	2,214	3.9	3.7	3.8	3.6	3.3	3.4
25 to 54 years.....	1,924	1,671	1,730	4.0	3.8	4.0	3.7	3.5	3.6
25 to 34 years.....	790	754	751	4.8	4.6	4.8	4.4	4.5	4.5
35 to 44 years.....	548	501	542	3.6	3.7	3.6	3.5	3.3	3.5
45 to 54 years.....	586	416	437	3.7	3.2	3.6	3.1	2.6	2.8
55 years and over.....	577	496	482	3.4	3.4	3.1	3.3	2.9	2.8
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	1,264	944	953	2.7	2.4	2.6	2.3	2.0	2.0
Married women, spouse present <sup>1</sup> .....	988	887	837	2.7	2.9	2.8	2.5	2.4	2.3
Women who maintain families <sup>2</sup> .....	657	578	590	6.2	6.8	7.2	6.5	5.6	5.5
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	6,159	5,230	5,186	4.7	4.3	4.5	4.2	4.0	3.9
Part-time workers <sup>4</sup> .....	1,305	1,282	1,419	4.5	4.5	4.4	4.3	4.5	5.0

<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. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
<b>NUMBER OF UNEMPLOYED</b>									
Job losers and persons who completed temporary jobs.....	3,271	2,859	2,907	3,542	3,378	3,523	3,359	3,227	3,159
On temporary layoff.....	723	561	807	896	1,044	1,032	895	842	963
Not on temporary layoff.....	2,548	2,298	2,100	2,646	2,334	2,490	2,464	2,384	2,196
Permanent job losers.....	1,838	1,648	1,483	1,903	1,676	1,799	1,759	1,709	1,542
Persons who completed temporary jobs....	710	650	617	743	658	691	705	676	655
Job leavers.....	936	763	757	934	757	804	738	742	751
Reentrants.....	2,188	2,040	1,978	2,266	2,083	2,132	2,079	2,006	2,029
New entrants.....	671	580	644	728	703	656	669	629	691
<b>PERCENT DISTRIBUTION</b>									
Job losers and persons who completed temporary jobs.....	46.3	45.8	46.2	47.4	48.8	49.5	49.1	48.9	47.6
On temporary layoff.....	10.2	9.0	12.8	12.0	15.1	14.5	13.1	12.8	14.5
Not on temporary layoff.....	36.1	36.8	33.4	35.4	33.7	35.0	36.0	36.1	33.1
Job leavers.....	13.3	12.2	12.0	12.5	10.9	11.3	10.8	11.2	11.3
Reentrants.....	31.0	32.7	31.5	30.3	30.1	30.0	30.4	30.4	30.6
New entrants.....	9.5	9.3	10.2	9.7	10.2	9.2	9.8	9.5	10.4
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers and persons who completed temporary jobs.....	2.1	1.8	1.8	2.2	2.1	2.2	2.1	2.0	2.0
Job leavers.....	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5
Reentrants.....	1.4	1.3	1.2	1.4	1.3	1.3	1.3	1.3	1.3
New entrants.....	0.4	0.4	0.4	0.5	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. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
<b>NUMBER OF UNEMPLOYED</b>									
Less than 5 weeks.....	2,201	1,958	2,084	2,415	2,133	2,222	2,226	2,129	2,250
5 to 14 weeks.....	2,006	1,839	1,753	2,133	2,017	2,015	1,874	1,942	1,878
15 weeks and over.....	2,859	2,445	2,449	2,929	2,742	2,795	2,696	2,474	2,508
15 to 26 weeks.....	1,060	847	921	1,073	957	1,055	963	853	927
27 weeks and over.....	1,799	1,598	1,529	1,856	1,785	1,740	1,733	1,621	1,581
Average (mean) duration, in weeks.....	27.1	27.1	26.3	26.2	24.9	24.4	26.8	26.0	25.4
Median duration, in weeks.....	10.5	10.1	9.7	10.2	10.6	10.5	10.3	9.9	9.6
<b>PERCENT DISTRIBUTION</b>									
Less than 5 weeks.....	31.1	31.4	33.2	32.3	30.9	31.6	32.8	32.5	33.9
5 to 14 weeks.....	28.4	29.5	27.9	28.5	29.3	28.7	27.6	29.7	28.3
15 weeks and over.....	40.5	39.2	39.0	39.2	39.8	39.7	39.7	37.8	37.8
15 to 26 weeks.....	15.0	13.6	14.6	14.4	13.9	15.0	14.2	13.0	14.0
27 weeks and over.....	25.5	25.6	24.3	24.8	25.9	24.7	25.5	24.8	23.8

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. 2016	Nov. 2017	Nov. 2016	Nov. 2017	Nov. 2016	Nov. 2017
Total, 16 years and over <sup>1</sup> .....	152,385	154,180	7,066	6,286	4.4	3.9
Management, professional, and related occupations.....	59,707	61,818	1,382	1,266	2.3	2.0
Management, business, and financial operations occupations.....	25,051	25,731	592	511	2.3	1.9
Professional and related occupations.....	34,656	36,087	790	755	2.2	2.0
Service occupations.....	26,964	26,376	1,600	1,368	5.6	4.9
Sales and office occupations.....	33,869	33,390	1,501	1,345	4.2	3.9
Sales and related occupations.....	15,792	15,748	770	670	4.6	4.1
Office and administrative support occupations.....	18,077	17,642	732	675	3.9	3.7
Natural resources, construction, and maintenance occupations.....	14,144	14,667	866	789	5.8	5.1
Farming, fishing, and forestry occupations.....	1,041	1,213	146	96	12.3	7.4
Construction and extraction occupations.....	8,091	8,498	562	508	6.5	5.6
Installation, maintenance, and repair occupations.....	5,012	4,955	158	184	3.1	3.6
Production, transportation, and material moving occupations.....	17,701	17,930	1,018	860	5.4	4.6
Production occupations.....	8,258	8,685	449	295	5.2	3.3
Transportation and material moving occupations.....	9,443	9,245	568	564	5.7	5.8

<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. 2016	Nov. 2017	Nov. 2016	Nov. 2017
Total, 16 years and over <sup>1</sup> .....	7,066	6,286	4.4	3.9
Nonagricultural private wage and salary workers.....	5,415	4,752	4.3	3.8
Mining, quarrying, and oil and gas extraction.....	37	20	4.7	2.4
Construction.....	517	467	5.7	5.0
Manufacturing.....	619	409	3.9	2.6
Durable goods.....	341	236	3.4	2.4
Nondurable goods.....	278	173	4.7	2.9
Wholesale and retail trade.....	915	869	4.4	4.2
Transportation and utilities.....	209	252	3.2	3.7
Information.....	115	146	4.2	5.2
Financial activities.....	273	206	2.8	2.1
Professional and business services.....	753	689	4.5	4.0
Education and health services.....	716	596	3.1	2.5
Leisure and hospitality.....	1,011	882	7.1	6.6
Other services.....	249	216	3.8	3.2
Agriculture and related private wage and salary workers.....	156	125	9.6	7.2
Government workers.....	449	439	2.1	2.0
Self-employed workers, unincorporated, and unpaid family workers.....	376	326	3.8	3.2

<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. 2016	Oct. 2017	Nov. 2017	Nov. 2016	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	1.8	1.5	1.5	1.8	1.7	1.7	1.7	1.5	1.6
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.....	2.1	1.8	1.8	2.2	2.1	2.2	2.1	2.0	2.0
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	4.4	3.9	3.9	4.6	4.3	4.4	4.2	4.1	4.1
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	4.8	4.2	4.2	5.0	4.7	4.7	4.5	4.4	4.4
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.....	5.6	4.8	4.8	5.8	5.3	5.4	5.1	5.0	5.0
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.....	9.0	7.6	7.7	9.3	8.6	8.6	8.3	7.9	8.0

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Category	Total		Men		Women	
	Nov. 2016	Nov. 2017	Nov. 2016	Nov. 2017	Nov. 2016	Nov. 2017
<b>NOT IN THE LABOR FORCE</b>						
Total not in the labor force.....	95,089	95,483	38,370	38,764	56,719	56,719
Persons who currently want a job.....	5,524	4,877	2,636	2,261	2,889	2,616
Marginally attached to the labor force <sup>1</sup> .....	1,932	1,481	1,020	770	912	710
Discouraged workers <sup>2</sup> .....	591	469	393	292	198	176
Other persons marginally attached to the labor force <sup>3</sup> ..	1,341	1,012	627	478	714	534
<b>MULTIPLE JOBHOLDERS</b>						
Total multiple jobholders <sup>4</sup> .....	8,107	7,593	3,816	3,559	4,290	4,034
Percent of total employed.....	5.3	4.9	4.7	4.4	6.0	5.6
Primary job full time, secondary job part time.....	4,362	4,286	2,369	2,194	1,992	2,092
Primary and secondary jobs both part time.....	2,287	1,978	739	638	1,548	1,341
Primary and secondary jobs both full time.....	270	252	141	170	130	81
Hours vary on primary or secondary job.....	1,136	1,003	538	523	598	480

<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.2017 - Nov.2017 <sup>P</sup>
	Nov. 2016	Sept. 2017	Oct. 2017 <sup>P</sup>	Nov. 2017 <sup>P</sup>	Nov. 2016	Sept. 2017	Oct. 2017 <sup>P</sup>	Nov. 2017 <sup>P</sup>	
Total nonfarm.....	146,393	146,954	147,975	148,507	145,170	146,769	147,013	147,241	228
Total private.....	123,615	124,684	125,282	125,702	122,876	124,432	124,679	124,900	221
Goods-producing.....	19,870	20,347	20,352	20,304	19,762	20,103	20,137	20,199	62
Mining and logging.....	673	727	731	735	666	722	723	730	7
Logging.....	51.8	50.6	50.0	51.4	50.5	49.3	48.7	49.8	1.1
Mining.....	620.8	676.8	680.7	683.5	615.1	672.5	674.5	679.7	5.2
Oil and gas extraction.....	179.0	180.6	179.3	180.3	178.5	180.5	179.2	179.4	0.2
Mining, except oil and gas.....	182.2	189.5	188.8	187.9	181.3	186.8	186.5	187.4	0.9
Coal mining.....	50.1	52.0	52.1	51.3	49.7	51.7	51.6	51.2	-0.4
Metal ore mining.....	39.1	38.9	38.9	38.5	39.2	39.0	38.8	38.4	-0.4
Nonmetallic mineral mining and quarrying.....	93.0	98.6	97.8	98.1	92.4	96.1	96.1	97.8	1.7
Support activities for mining.....	259.6	306.7	312.6	315.3	255.3	305.2	308.8	312.9	4.1
Construction.....	6,869	7,122	7,126	7,060	6,771	6,921	6,931	6,955	24
Construction of buildings.....	1,514.5	1,559.7	1,566.3	1,558.7	1,501.3	1,528.1	1,534.5	1,543.1	8.6
Residential building.....	762.6	773.1	783.5	779.8	752.1	759.1	766.6	770.7	4.1
Nonresidential building.....	751.9	786.6	782.8	778.9	749.2	769.0	767.9	772.4	4.5
Heavy and civil engineering construction.....	971.2	1,034.6	1,023.2	979.2	943.2	969.9	960.9	953.1	-7.8
Specialty trade contractors.....	4,383.3	4,527.4	4,536.7	4,521.7	4,326.7	4,422.7	4,436.0	4,458.6	22.6
Residential specialty trade contractors.....	1,914.6	1,991.1	1,988.0	1,986.1	1,895.3	1,945.1	1,951.9	1,962.6	10.7
Nonresidential specialty trade contractors.....	2,468.7	2,536.3	2,548.7	2,535.6	2,431.4	2,477.6	2,484.1	2,496.0	11.9
Manufacturing.....	12,328	12,498	12,495	12,509	12,325	12,460	12,483	12,514	31
Durable goods.....	7,694	7,780	7,788	7,820	7,695	7,778	7,791	7,818	27
Wood products.....	395.4	392.9	396.3	395.6	393.3	392.4	394.4	393.7	-0.7
Nonmetallic mineral products.....	413.2	421.5	421.8	421.9	409.9	415.4	416.1	417.5	1.4
Primary metals.....	374.3	384.6	385.5	385.8	374.6	384.8	385.7	386.1	0.4
Fabricated metal products.....	1,416.0	1,451.1	1,455.8	1,463.5	1,418.0	1,452.5	1,457.4	1,464.8	7.4
Machinery.....	1,070.7	1,095.2	1,093.9	1,103.3	1,072.6	1,097.8	1,098.0	1,106.3	8.3
Computer and electronic products.....	1,040.6	1,043.6	1,046.4	1,050.8	1,041.1	1,044.9	1,048.2	1,052.0	3.8
Computer and peripheral equipment.....	162.5	166.4	167.8	170.7	162.7	166.6	168.2	170.4	2.2
Communications equipment.....	84.9	84.7	84.9	84.8	84.8	84.9	85.0	84.7	-0.3
Semiconductors and electronic components.....	362.3	361.3	363.0	363.9	362.2	362.3	363.7	364.6	0.9
Electronic instruments.....	395.5	397.6	397.4	399.3	396.1	397.8	398.2	400.2	2.0
Miscellaneous computer and electronic products.....	35.4	33.6	33.3	32.1	35.3	33.4	33.1	31.9	-1.2
Electrical equipment and appliances.....	382.8	391.6	393.9	396.3	383.0	392.0	394.8	396.8	2.0
Transportation equipment <sup>1</sup> .....	1,620.8	1,619.7	1,610.8	1,617.2	1,621.3	1,615.9	1,613.1	1,615.7	2.6
Motor vehicles and parts <sup>2</sup> .....	941.8	941.8	937.0	941.6	941.5	939.2	938.4	940.1	1.7
Furniture and related products.....	388.0	389.7	391.2	388.8	390.8	390.7	390.9	390.0	-0.9
Miscellaneous durable goods manufacturing.....	592.0	590.5	592.0	597.0	590.2	591.8	592.2	594.6	2.4
Nondurable goods.....	4,634	4,718	4,707	4,689	4,630	4,682	4,692	4,696	4
Food manufacturing.....	1,563.4	1,634.0	1,618.0	1,604.4	1,562.1	1,607.5	1,607.5	1,609.3	1.8
Textile mills.....	112.7	110.3	110.1	110.3	112.5	110.4	110.1	109.7	-0.4
Textile product mills.....	114.3	110.4	109.2	109.2	113.3	109.6	108.8	108.5	-0.3
Apparel.....	130.4	118.0	118.3	118.1	129.4	117.1	117.4	116.5	-0.9
Paper and paper products.....	367.9	369.3	368.8	370.8	368.2	369.8	370.1	371.9	1.8
Printing and related support activities.....	444.3	435.5	436.3	437.0	442.1	436.0	435.9	435.3	-0.6
Petroleum and coal products.....	111.7	114.9	115.6	113.0	111.1	112.9	113.0	112.7	-0.3
Chemicals.....	811.1	819.9	824.3	821.8	811.9	821.3	826.9	826.2	-0.7
Plastics and rubber products.....	693.6	708.0	706.3	710.9	696.2	708.3	710.3	714.2	3.9
Miscellaneous nondurable goods manufacturing.....	284.9	297.5	300.2	293.2	283.4	289.3	292.0	291.6	-0.4
Private service-providing.....	103,745	104,337	104,930	105,398	103,114	104,329	104,542	104,701	159
Trade, transportation, and utilities.....	27,819	27,295	27,489	28,018	27,346	27,424	27,438	27,470	32
Wholesale trade.....	5,900.3	5,936.6	5,955.2	5,961.8	5,886.8	5,936.7	5,944.7	5,948.1	3.4
Durable goods.....	2,931.5	2,967.4	2,969.9	2,979.9	2,931.9	2,967.6	2,971.4	2,978.7	7.3
Nondurable goods.....	2,068.8	2,069.2	2,074.2	2,072.7	2,052.0	2,060.4	2,064.4	2,064.4	0.0

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.2017 - Nov.2017 <sup>P</sup>
	Nov. 2016	Sept. 2017	Oct. 2017 <sup>P</sup>	Nov. 2017 <sup>P</sup>	Nov. 2016	Sept. 2017	Oct. 2017 <sup>P</sup>	Nov. 2017 <sup>P</sup>	
Wholesale trade - Continued									
Electronic markets and agents and brokers.....	905.0	908.0	911.1	909.2	902.9	908.7	908.9	905.0	-3.9
Retail trade.....	16,243.7	15,685.6	15,829.0	16,280.6	15,867.7	15,828.5	15,826.3	15,845.0	18.7
Motor vehicle and parts dealers.....	1,998.6	2,020.2	2,026.1	2,027.2	1,999.5	2,016.5	2,024.1	2,026.9	2.8
Automobile dealers.....	1,296.6	1,306.9	1,313.0	1,312.5	1,294.8	1,305.5	1,309.8	1,310.8	1.0
Other motor vehicle dealers.....	148.5	155.6	154.1	151.8	152.0	154.0	155.5	156.1	0.6
Auto parts, accessories, and tire stores...	553.5	557.7	559.0	562.9	552.8	557.1	558.8	560.0	1.2
Furniture and home furnishings stores.....	488.8	478.1	488.2	504.6	476.0	484.9	485.9	487.4	1.5
Electronics and appliance stores.....	532.2	495.7	499.7	518.2	511.1	500.8	496.8	492.3	-4.5
Building material and garden supply stores.....	1,250.0	1,278.2	1,284.8	1,281.8	1,281.1	1,300.3	1,306.4	1,309.6	3.2
Food and beverage stores.....	3,113.7	3,068.3	3,076.8	3,102.4	3,100.2	3,075.6	3,076.3	3,081.9	5.6
Health and personal care stores.....	1,073.9	1,038.7	1,045.5	1,066.7	1,060.0	1,048.5	1,048.6	1,052.2	3.6
Gasoline stations.....	929.8	945.6	942.0	945.8	929.4	940.1	940.6	943.6	3.0
Clothing and clothing accessories stores....	1,425.5	1,285.4	1,309.0	1,423.5	1,325.8	1,322.4	1,317.9	1,312.3	-5.6
Sporting goods, hobby, book, and music stores.....	670.2	593.4	609.5	676.4	617.0	607.7	612.3	616.3	4.0
General merchandise stores.....	3,344.8	3,084.7	3,130.9	3,305.2	3,191.2	3,134.1	3,125.4	3,132.2	6.8
Department stores.....	1,408.9	1,245.1	1,277.4	1,393.2	1,309.7	1,281.5	1,281.5	1,284.6	3.1
Other general merchandise stores.....	1,935.9	1,839.6	1,853.5	1,912.0	1,881.4	1,852.6	1,843.9	1,847.7	3.8
Miscellaneous store retailers.....	847.8	832.1	838.8	840.1	833.2	829.9	825.3	826.2	0.9
Nonstore retailers.....	568.4	565.2	577.7	588.7	543.2	567.7	566.7	564.1	-2.6
Transportation and warehousing.....	5,118.9	5,119.7	5,152.1	5,223.3	5,034.6	5,105.7	5,113.3	5,123.8	10.5
Air transportation.....	477.4	491.0	492.9	490.4	479.0	490.4	492.7	492.4	-0.3
Rail transportation.....	212.7	206.0	206.0	206.0	212.3	205.5	205.8	205.6	-0.2
Water transportation.....	63.4	66.7	65.7	64.6	64.6	66.0	65.5	65.7	0.2
Truck transportation.....	1,472.7	1,488.8	1,492.2	1,487.9	1,462.2	1,474.8	1,475.7	1,477.5	1.8
Transit and ground passenger transportation.....	488.8	494.4	497.9	493.0	473.3	481.8	480.0	477.4	-2.6
Pipeline transportation.....	48.4	46.6	46.8	46.9	48.5	46.8	46.8	47.0	0.2
Scenic and sightseeing transportation.....	28.9	42.6	37.9	29.4	34.6	35.9	36.2	35.2	-1.0
Support activities for transportation.....	663.8	673.5	675.0	675.4	660.4	671.4	670.1	672.2	2.1
Couriers and messengers.....	704.2	652.6	662.8	732.8	660.1	673.3	674.2	676.4	2.2
Warehousing and storage.....	958.6	957.5	974.9	996.9	939.6	959.8	966.3	974.4	8.1
Utilities.....	556.1	552.7	552.7	552.0	556.5	553.4	553.5	553.3	-0.2
Information.....	2,780	2,708	2,708	2,718	2,768	2,715	2,707	2,703	-4
Publishing industries, except Internet.....	731.1	717.6	717.2	718.7	729.1	717.5	716.5	716.6	0.1
Motion picture and sound recording industries.....	431.3	391.1	399.3	406.7	425.7	398.3	399.9	396.3	-3.6
Broadcasting, except Internet.....	266.9	260.1	261.5	260.4	266.3	259.8	260.1	258.9	-1.2
Telecommunications.....	788.3	761.6	751.3	750.2	785.1	761.3	752.0	748.7	-3.3
Data processing, hosting and related services.....	299.1	304.1	306.5	308.1	298.9	304.8	305.9	307.9	2.0
Other information services.....	263.5	273.1	272.4	273.9	263.3	273.2	272.6	274.4	1.8
Financial activities.....	8,337	8,481	8,488	8,484	8,342	8,477	8,484	8,492	8
Finance and insurance.....	6,181.3	6,262.5	6,266.9	6,267.5	6,175.9	6,269.8	6,267.3	6,266.9	-0.4
Monetary authorities - central bank.....	18.5	18.7	18.7	18.7	18.5	18.7	18.7	18.7	0.0
Credit intermediation and related activities.....	2,628.5	2,656.5	2,659.2	2,660.0	2,629.7	2,660.8	2,663.4	2,662.6	-0.8
Depository credit intermediation <sup>1</sup> .....	1,701.5	1,711.4	1,712.9	1,716.3	1,704.0	1,716.8	1,719.6	1,720.3	0.7
Commercial banking.....	1,306.7	1,309.9	1,310.7	1,312.3	1,308.9	1,313.9	1,315.4	1,315.7	0.3
Nondepository credit intermediation.....	620.6	628.8	631.7	630.9	619.2	629.1	629.8	629.2	-0.6
Activities related to credit intermediation...	306.4	316.3	314.6	312.8	306.5	314.9	314.0	313.2	-0.8
Securities, commodity contracts, investments, and funds and trusts.....	931.2	950.9	952.8	954.2	931.5	950.6	951.2	953.9	2.7
Insurance carriers and related activities.....	2,603.1	2,636.4	2,636.2	2,634.6	2,596.2	2,639.7	2,634.0	2,631.7	-2.3
Real estate and rental and leasing.....	2,155.9	2,218.9	2,220.6	2,216.2	2,165.8	2,207.5	2,216.6	2,224.9	8.3
Real estate.....	1,581.4	1,609.6	1,615.7	1,614.2	1,584.2	1,607.5	1,611.7	1,616.4	4.7
Rental and leasing services.....	550.9	586.2	581.7	578.7	558.3	576.8	581.8	585.4	3.6
Lessors of nonfinancial intangible assets....	23.6	23.1	23.2	23.3	23.3	23.2	23.1	23.1	0.0

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.2017 - Nov.2017 <sup>P</sup>
	Nov. 2016	Sept. 2017	Oct. 2017 <sup>P</sup>	Nov. 2017 <sup>P</sup>	Nov. 2016	Sept. 2017	Oct. 2017 <sup>P</sup>	Nov. 2017 <sup>P</sup>	
Private service-providing - Continued									
Professional and business services.....	20,564	20,881	21,070	21,115	20,380	20,828	20,882	20,928	46
Professional and technical services.....	8,992.7	9,095.8	9,184.4	9,235.9	8,988.2	9,189.3	9,207.3	9,230.8	23.5
Legal services.....	1,124.7	1,123.8	1,130.5	1,131.6	1,122.5	1,127.7	1,128.1	1,128.7	0.6
Accounting and bookkeeping services.....	965.6	937.0	946.1	976.6	1,000.3	1,008.4	1,008.5	1,012.5	4.0
Architectural and engineering services.....	1,424.3	1,467.0	1,478.0	1,473.4	1,422.0	1,466.2	1,469.8	1,472.4	2.6
Specialized design services.....	142.1	139.4	142.0	143.8	141.0	141.2	140.9	142.3	1.4
Computer systems design and related services.....	2,034.4	2,057.2	2,083.1	2,089.5	2,024.5	2,067.0	2,072.2	2,076.0	3.8
Management and technical consulting services.....	1,418.4	1,451.1	1,470.0	1,478.7	1,404.2	1,453.8	1,458.7	1,465.9	7.2
Scientific research and development services.....	692.8	707.8	709.5	711.5	693.3	712.1	712.2	712.8	0.6
Advertising and related services.....	490.5	485.2	489.8	489.7	488.3	486.3	487.0	486.5	-0.5
Other professional and technical services.....	699.9	727.3	735.4	741.1	692.2	726.6	729.9	733.7	3.8
Management of companies and enterprises.....	2,253.2	2,282.6	2,282.2	2,283.3	2,252.6	2,282.0	2,284.8	2,284.0	-0.8
Administrative and waste services.....	9,318.1	9,502.7	9,603.1	9,595.9	9,139.6	9,356.4	9,389.7	9,412.8	23.1
Administrative and support services.....	8,907.4	9,084.8	9,183.9	9,179.2	8,729.0	8,941.1	8,971.4	8,995.8	24.4
Office administrative services.....	509.0	528.4	532.7	535.6	507.5	529.2	532.1	533.1	1.0
Facilities support services.....	141.5	146.4	147.2	147.0	141.5	145.7	146.1	146.6	0.5
Employment services <sup>1</sup> .....	3,768.3	3,798.9	3,881.0	3,917.2	3,630.8	3,728.5	3,750.5	3,768.8	18.3
Temporary help services.....	3,103.2	3,119.9	3,194.1	3,228.5	2,979.0	3,059.1	3,077.0	3,095.3	18.3
Business support services.....	941.7	911.1	929.6	940.7	919.9	915.8	915.8	918.9	3.1
Travel arrangement and reservation services.....	216.2	214.6	214.7	212.4	216.6	214.5	214.5	213.6	-0.9
Investigation and security services.....	915.4	925.8	929.2	929.9	905.5	918.7	919.6	919.3	-0.3
Services to buildings and dwellings.....	2,102.3	2,227.9	2,212.3	2,167.2	2,092.6	2,159.0	2,161.7	2,163.6	1.9
Other support services.....	313.0	331.7	337.2	329.2	314.6	329.8	331.0	331.9	0.9
Waste management and remediation services.....	410.7	417.9	419.2	416.7	410.6	415.3	418.3	417.0	-1.3
Education and health services.....	23,074	23,138	23,432	23,535	22,821	23,214	23,238	23,292	54
Educational services.....	3,782.7	3,637.1	3,821.5	3,865.3	3,593.0	3,673.2	3,662.5	3,675.6	13.1
Health care and social assistance.....	19,291.5	19,501.0	19,610.4	19,669.3	19,227.7	19,540.9	19,575.5	19,616.0	40.5
Health care <sup>3</sup> .....	15,604.0	15,801.5	15,863.4	15,903.5	15,558.4	15,810.7	15,832.5	15,862.0	29.5
Ambulatory health care services.....	7,200.8	7,339.3	7,390.4	7,415.5	7,172.3	7,352.7	7,364.9	7,390.2	25.3
Offices of physicians.....	2,562.9	2,605.1	2,618.2	2,624.6	2,552.6	2,608.1	2,609.3	2,616.1	6.8
Offices of dentists.....	938.6	941.3	947.7	949.4	935.3	945.3	945.5	946.8	1.3
Offices of other health practitioners.....	882.4	905.9	910.3	918.7	879.8	909.6	907.9	913.1	5.2
Outpatient care centers.....	875.6	915.7	921.6	926.1	874.0	917.5	921.4	925.6	4.2
Medical and diagnostic laboratories.....	263.9	260.7	262.8	263.9	263.5	261.4	261.9	262.8	0.9
Home health care services.....	1,384.8	1,414.3	1,427.8	1,432.9	1,377.2	1,414.6	1,421.1	1,428.0	6.9
Other ambulatory health care services.....	292.6	296.3	302.0	299.9	289.8	296.2	297.9	297.9	0.0
Hospitals.....	5,080.3	5,134.8	5,140.9	5,149.1	5,067.3	5,128.7	5,134.7	5,136.9	2.2
Nursing and residential care facilities.....	3,322.9	3,327.4	3,332.1	3,338.9	3,318.8	3,329.3	3,332.9	3,334.9	2.0
Nursing care facilities.....	1,647.4	1,629.3	1,631.3	1,634.1	1,643.0	1,629.1	1,631.0	1,631.4	0.4
Residential mental health facilities.....	614.8	620.7	620.8	622.6	614.5	621.2	621.7	622.6	0.9
Community care facilities for the elderly.....	895.1	911.2	913.1	913.9	896.1	912.4	913.2	913.1	-0.1
Other residential care facilities.....	165.6	166.2	166.9	168.3	165.2	166.6	167.0	167.9	0.9
Social assistance.....	3,687.5	3,699.5	3,747.0	3,765.8	3,669.3	3,730.2	3,743.0	3,754.0	11.0
Individual and family services.....	2,261.6	2,283.3	2,315.5	2,327.4	2,258.3	2,304.0	2,319.4	2,327.2	7.8
Emergency and other relief services.....	163.8	167.9	168.8	170.1	164.8	169.0	169.5	170.3	0.8
Vocational rehabilitation services.....	336.9	335.7	335.7	337.3	337.5	336.9	336.5	337.2	0.7
Child day care services.....	925.2	912.6	927.0	931.0	908.6	920.3	917.5	919.3	1.8
Leisure and hospitality.....	15,466	16,079	15,955	15,738	15,739	15,900	16,004	16,018	14
Arts, entertainment, and recreation.....	2,101.8	2,320.1	2,239.2	2,113.2	2,256.3	2,262.8	2,279.4	2,272.4	-7.0
Performing arts and spectator sports.....	434.5	482.0	472.3	448.5	450.0	463.0	464.9	462.6	-2.3
Museums, historical sites, and similar institutions.....	154.3	170.9	169.4	163.5	160.2	169.0	168.6	169.7	1.1
Amusements, gambling, and recreation.....	1,513.0	1,667.2	1,597.5	1,501.2	1,646.1	1,630.8	1,645.9	1,640.1	-5.8
Accommodation and food services.....	13,364.3	13,758.6	13,715.3	13,625.2	13,482.2	13,637.3	13,724.8	13,746.0	21.2

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Oct.2017 - Nov.2017 <sup>P</sup>
	Nov. 2016	Sept. 2017	Oct. 2017 <sup>P</sup>	Nov. 2017 <sup>P</sup>	Nov. 2016	Sept. 2017	Oct. 2017 <sup>P</sup>	Nov. 2017 <sup>P</sup>	
Accommodation and food services - Continued									
Accommodation.....	1,889.8	1,996.7	1,947.1	1,907.4	1,948.0	1,959.0	1,960.3	1,962.6	2.3
Food services and drinking places.....	11,474.5	11,761.9	11,768.2	11,717.8	11,534.2	11,678.3	11,764.5	11,783.4	18.9
Other services.....	5,705	5,755	5,788	5,790	5,718	5,771	5,789	5,798	9
Repair and maintenance.....	1,286.2	1,295.0	1,300.1	1,297.0	1,290.9	1,296.9	1,300.1	1,302.7	2.6
Personal and laundry services.....	1,459.1	1,490.2	1,506.1	1,511.3	1,460.7	1,492.7	1,504.4	1,507.9	3.5
Membership associations and organizations...	2,959.9	2,969.9	2,981.5	2,981.9	2,966.6	2,981.5	2,984.4	2,986.9	2.5
Government.....	22,778	22,270	22,693	22,805	22,294	22,337	22,334	22,341	7
Federal.....	2,797.0	2,811.0	2,807.0	2,797.0	2,811.0	2,808.0	2,811.0	2,808.0	-3.0
Federal, except U.S. Postal Service.....	2,185.5	2,198.6	2,192.2	2,183.4	2,193.2	2,191.2	2,193.5	2,191.9	-1.6
U.S. Postal Service.....	611.9	612.2	614.7	613.4	617.7	616.3	617.8	616.0	-1.8
State government.....	5,270.0	5,107.0	5,211.0	5,237.0	5,088.0	5,070.0	5,062.0	5,063.0	1.0
State government education.....	2,599.7	2,447.6	2,562.0	2,589.2	2,410.0	2,409.9	2,406.1	2,407.3	1.2
State government, excluding education.....	2,670.4	2,659.6	2,648.6	2,647.7	2,677.7	2,659.6	2,656.3	2,656.1	-0.2
Local government.....	14,711.0	14,352.0	14,675.0	14,771.0	14,395.0	14,459.0	14,461.0	14,470.0	9.0
Local government education.....	8,279.8	7,883.8	8,244.2	8,342.9	7,933.6	7,989.6	7,992.6	7,998.7	6.1
Local government, excluding education.....	6,431.3	6,468.6	6,431.1	6,428.5	6,460.9	6,469.5	6,467.9	6,471.6	3.7

<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.

<sup>p</sup> Preliminary

NOTE: Data have been revised to reflect March 2016 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. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	34.3	34.4	34.4	34.5
Goods-producing.....	40.2	40.2	40.4	40.5
Mining and logging.....	43.6	45.2	45.2	45.1
Construction.....	39.1	38.8	39.0	39.1
Manufacturing.....	40.6	40.8	40.9	40.9
Durable goods.....	41.1	41.3	41.4	41.4
Nondurable goods.....	39.8	39.9	40.0	40.2
Private service-providing.....	33.2	33.2	33.3	33.4
Trade, transportation, and utilities.....	34.2	34.4	34.4	34.7
Wholesale trade.....	38.9	39.1	39.0	39.1
Retail trade.....	30.8	30.9	31.0	31.4
Transportation and warehousing.....	38.8	38.7	38.8	39.0
Utilities.....	41.8	42.5	42.2	42.3
Information.....	36.0	36.2	36.3	36.1
Financial activities.....	37.5	37.5	37.5	37.6
Professional and business services.....	36.0	36.0	36.0	36.0
Education and health services.....	32.9	32.9	32.9	32.9
Leisure and hospitality.....	26.1	26.0	26.2	26.1
Other services.....	31.9	31.7	31.7	31.7
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	3.2	3.3	3.5	3.5
Durable goods.....	3.3	3.3	3.5	3.4
Nondurable goods.....	3.1	3.4	3.5	3.6

p Preliminary

NOTE: Data have been revised to reflect March 2016 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. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>	Nov. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>
Total private.....	\$25.91	\$26.53	\$26.50	\$26.55	\$888.71	\$912.63	\$911.60	\$915.98
Goods-producing.....	27.14	27.76	27.76	27.76	1,091.03	1,115.95	1,121.50	1,124.28
Mining and logging.....	32.09	32.55	32.67	32.60	1,399.12	1,471.26	1,476.68	1,470.26
Construction.....	28.34	29.18	29.08	29.17	1,108.09	1,132.18	1,134.12	1,140.55
Manufacturing.....	26.22	26.71	26.75	26.71	1,064.53	1,089.77	1,094.08	1,092.44
Durable goods.....	27.49	27.96	28.01	27.96	1,129.84	1,154.75	1,159.61	1,157.54
Nondurable goods.....	24.03	24.54	24.59	24.55	956.39	979.15	983.60	986.91
Private service-providing.....	25.62	26.25	26.21	26.26	850.58	871.50	872.79	877.08
Trade, transportation, and utilities.....	22.57	22.95	22.89	22.94	771.89	789.48	787.42	796.02
Wholesale trade.....	29.79	30.26	30.03	30.23	1,158.83	1,183.17	1,171.17	1,181.99
Retail trade.....	18.07	18.24	18.25	18.27	556.56	563.62	565.75	573.68
Transportation and warehousing.....	23.48	24.05	24.04	24.13	911.02	930.74	932.75	941.07
Utilities.....	38.33	39.45	39.70	39.57	1,602.19	1,676.63	1,675.34	1,673.81
Information.....	37.31	38.40	38.38	38.59	1,343.16	1,390.08	1,393.19	1,393.10
Financial activities.....	32.58	33.46	33.65	33.68	1,221.75	1,254.75	1,261.88	1,266.37
Professional and business services.....	31.14	31.95	31.86	31.92	1,121.04	1,150.20	1,146.96	1,149.12
Education and health services.....	25.91	26.49	26.48	26.53	852.44	871.52	871.19	872.84
Leisure and hospitality.....	15.06	15.56	15.55	15.60	393.07	404.56	407.41	407.16
Other services.....	23.34	23.92	23.91	23.97	744.55	758.26	757.95	759.85

p Preliminary

NOTE: Data have been revised to reflect March 2016 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. 2016	Sept. 2017	Oct. 2017 <sup>P</sup>	Nov. 2017 <sup>P</sup>	Percent change from: Oct. 2017 - Nov. 2017 <sup>P</sup>	Nov. 2016	Sept. 2017	Oct. 2017 <sup>P</sup>	Nov. 2017 <sup>P</sup>	Percent change from: Oct. 2017 - Nov. 2017 <sup>P</sup>
Total private.....	105.8	107.4	107.7	108.2	0.5	131.0	136.3	136.4	137.3	0.7
Goods-producing.....	90.5	92.1	92.7	93.2	0.5	111.0	115.5	116.3	116.9	0.5
Mining and logging.....	91.2	102.5	102.7	103.5	0.8	117.6	134.0	134.7	135.4	0.5
Construction.....	91.3	92.6	93.2	93.7	0.5	112.4	117.4	117.7	118.8	0.9
Manufacturing.....	90.0	91.5	91.9	92.1	0.2	109.8	113.6	114.3	114.4	0.1
Durable goods.....	89.0	90.4	90.8	91.1	0.3	108.7	112.3	113.0	113.2	0.2
Nondurable goods.....	92.0	93.2	93.7	94.2	0.5	112.1	116.1	116.9	117.4	0.4
Private service-providing.....	110.1	111.4	112.0	112.5	0.4	137.1	142.2	142.7	143.6	0.6
Trade, transportation, and utilities.....	101.7	102.6	102.7	103.7	1.0	123.6	126.7	126.5	128.0	1.2
Wholesale trade.....	99.9	101.3	101.2	101.5	0.3	124.2	127.9	126.8	128.0	0.9
Retail trade.....	99.3	99.4	99.7	101.1	1.4	118.6	119.8	120.2	122.1	1.6
Transportation and warehousing.....	111.8	113.1	113.5	114.4	0.8	133.2	138.0	138.5	140.0	1.1
Utilities.....	100.6	101.8	101.1	101.3	0.2	127.5	132.6	132.6	132.4	-0.2
Information.....	91.0	89.8	89.7	89.1	-0.7	120.9	122.7	122.6	122.4	-0.2
Financial activities.....	102.5	104.1	104.2	104.6	0.4	130.2	135.9	136.8	137.4	0.4
Professional and business services.....	115.4	117.9	118.2	118.5	0.3	145.6	152.6	152.6	153.2	0.4
Education and health services.....	122.6	124.7	124.8	125.1	0.2	152.8	158.9	159.0	159.7	0.4
Leisure and hospitality.....	117.2	118.0	119.6	119.3	-0.3	142.4	148.1	150.1	150.1	0.0
Other services.....	105.2	105.5	105.8	106.0	0.2	134.5	138.3	138.7	139.2	0.4

<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 2016 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. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>	Nov. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>
Total nonfarm.....	71,945	72,668	72,781	72,930	49.6	49.5	49.5	49.5
Total private.....	59,166	59,837	59,948	60,093	48.2	48.1	48.1	48.1
Goods-producing.....	4,332	4,424	4,429	4,451	21.9	22.0	22.0	22.0
Mining and logging.....	98	100	100	101	14.7	13.9	13.8	13.8
Construction.....	847	882	882	888	12.5	12.7	12.7	12.8
Manufacturing.....	3,387	3,442	3,447	3,462	27.5	27.6	27.6	27.7
Durable goods.....	1,805	1,823	1,824	1,837	23.5	23.4	23.4	23.5
Nondurable goods.....	1,582	1,619	1,623	1,625	34.2	34.6	34.6	34.6
Private service-providing.....	54,834	55,413	55,519	55,642	53.2	53.1	53.1	53.1
Trade, transportation, and utilities.....	11,082	10,976	10,972	10,986	40.5	40.0	40.0	40.0
Wholesale trade.....	1,741.8	1,751.0	1,755.1	1,757.4	29.6	29.5	29.5	29.5
Retail trade.....	7,979.5	7,852.9	7,844.1	7,850.8	50.3	49.6	49.6	49.5
Transportation and warehousing.....	1,231.3	1,244.8	1,245.4	1,250.0	24.5	24.4	24.4	24.4
Utilities.....	129.8	127.1	127.1	127.3	23.3	23.0	23.0	23.0
Information.....	1,109	1,075	1,072	1,068	40.1	39.6	39.6	39.5
Financial activities.....	4,736	4,786	4,788	4,796	56.8	56.5	56.4	56.5
Professional and business services.....	9,140	9,377	9,413	9,465	44.8	45.0	45.1	45.2
Education and health services.....	17,582	17,878	17,881	17,910	77.0	77.0	76.9	76.9
Leisure and hospitality.....	8,183	8,268	8,332	8,353	52.0	52.0	52.1	52.1
Other services.....	3,002	3,053	3,061	3,064	52.5	52.9	52.9	52.8
Government.....	12,779	12,831	12,833	12,837	57.3	57.4	57.5	57.5

p Preliminary

NOTE: Data have been revised to reflect March 2016 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. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>
Total private.....	101,164	102,511	102,739	102,897
Goods-producing.....	14,200	14,449	14,471	14,521
Mining and logging.....	466	521	522	528
Construction.....	5,095	5,183	5,184	5,199
Manufacturing.....	8,639	8,745	8,765	8,794
Durable goods.....	5,287	5,336	5,348	5,371
Nondurable goods.....	3,352	3,409	3,417	3,423
Private service-providing.....	86,964	88,062	88,268	88,376
Trade, transportation, and utilities.....	22,971	23,130	23,158	23,165
Wholesale trade.....	4,712.7	4,756.2	4,764.7	4,769.7
Retail trade.....	13,450.7	13,490.1	13,492.1	13,485.5
Transportation and warehousing.....	4,359.7	4,438.2	4,456.0	4,465.3
Utilities.....	447.4	445.3	444.7	444.3
Information.....	2,232	2,183	2,179	2,170
Financial activities.....	6,481	6,596	6,599	6,605
Professional and business services.....	16,667	16,995	17,040	17,088
Education and health services.....	20,016	20,395	20,406	20,452
Leisure and hospitality.....	13,860	13,984	14,099	14,104
Other services.....	4,737	4,779	4,787	4,792

<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 2016 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. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	33.6	33.6	33.7	33.7
Goods-producing.....	41.2	41.1	41.2	41.3
Mining and logging.....	45.5	45.9	45.8	45.5
Construction.....	39.8	39.4	39.4	39.6
Manufacturing.....	41.8	41.9	42.0	42.0
Durable goods.....	42.2	42.2	42.4	42.3
Nondurable goods.....	41.1	41.3	41.3	41.5
Private service-providing.....	32.4	32.4	32.5	32.5
Trade, transportation, and utilities.....	33.5	33.8	33.9	34.1
Wholesale trade.....	38.8	38.9	39.0	39.0
Retail trade.....	29.7	30.3	30.4	30.6
Transportation and warehousing.....	38.5	38.2	38.3	38.4
Utilities.....	42.0	42.7	42.6	42.6
Information.....	35.4	35.9	35.9	35.8
Financial activities.....	36.9	36.9	37.0	37.0
Professional and business services.....	35.3	35.4	35.4	35.4
Education and health services.....	32.2	32.2	32.2	32.2
Leisure and hospitality.....	25.1	24.7	24.8	24.9
Other services.....	30.8	30.6	30.7	30.7
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	4.3	4.4	4.5	4.4
Durable goods.....	4.4	4.5	4.6	4.4
Nondurable goods.....	4.1	4.2	4.3	4.4

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

<sup>p</sup> Preliminary

NOTE: Data have been revised to reflect March 2016 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. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>	Nov. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>
Total private.....	\$21.74	\$22.22	\$22.19	\$22.24	\$730.46	\$746.59	\$747.80	\$749.49
Goods-producing.....	22.79	23.33	23.33	23.35	938.95	958.86	961.20	964.36
Mining and logging.....	27.07	27.63	27.69	27.67	1,231.69	1,268.22	1,268.20	1,258.99
Construction.....	26.24	27.05	26.89	26.95	1,044.35	1,065.77	1,059.47	1,067.22
Manufacturing.....	20.60	20.98	21.06	21.06	861.08	879.06	884.52	884.52
Durable goods.....	21.62	21.97	22.04	22.03	912.36	927.13	934.50	931.87
Nondurable goods.....	18.96	19.39	19.49	19.51	779.26	800.81	804.94	809.67
Private service-providing.....	21.52	21.99	21.96	22.00	697.25	712.48	713.70	715.00
Trade, transportation, and utilities.....	19.13	19.47	19.44	19.51	640.86	658.09	659.02	665.29
Wholesale trade.....	24.36	24.87	24.76	24.90	945.17	967.44	965.64	971.10
Retail trade.....	15.18	15.39	15.38	15.44	450.85	466.32	467.55	472.46
Transportation and warehousing.....	20.98	21.52	21.56	21.62	807.73	822.06	825.75	830.21
Utilities.....	35.58	36.23	36.15	36.14	1,494.36	1,547.02	1,539.99	1,539.56
Information.....	30.31	30.82	30.88	31.09	1,072.97	1,106.44	1,108.59	1,113.02
Financial activities.....	26.28	26.65	26.66	26.61	969.73	983.39	986.42	984.57
Professional and business services.....	25.72	26.30	26.25	26.28	907.92	931.02	929.25	930.31
Education and health services.....	22.73	23.17	23.13	23.21	731.91	746.07	744.79	747.36
Leisure and hospitality.....	13.01	13.46	13.47	13.51	326.55	332.46	334.06	336.40
Other services.....	19.55	20.15	20.17	20.21	602.14	616.59	619.22	620.45

<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 2016 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. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>	Percent change from: Oct. 2017 - Nov. 2017 <sup>p</sup>	Nov. 2016	Sept. 2017	Oct. 2017 <sup>p</sup>	Nov. 2017 <sup>p</sup>	Percent change from: Oct. 2017 - Nov. 2017 <sup>p</sup>
Total private.....	113.2	114.8	115.4	115.5	0.1	164.5	170.4	171.1	171.7	0.4
Goods-producing.....	89.4	90.7	91.1	91.6	0.5	124.8	129.6	130.2	131.0	0.6
Mining and logging.....	112.7	127.1	127.0	127.7	0.6	177.4	204.2	204.6	205.4	0.4
Construction.....	101.5	102.2	102.3	103.1	0.8	143.9	149.3	148.5	150.0	1.0
Manufacturing.....	82.9	84.1	84.5	84.8	0.4	111.7	115.4	116.4	116.8	0.3
Durable goods.....	83.9	84.6	85.2	85.4	0.2	113.2	116.1	117.3	117.4	0.1
Nondurable goods.....	81.2	83.0	83.1	83.7	0.7	108.8	113.7	114.5	115.4	0.8
Private service-providing.....	120.0	121.5	122.2	122.3	0.1	177.1	183.2	184.0	184.5	0.3
Trade, transportation, and utilities.....	107.3	109.0	109.4	110.1	0.6	146.4	151.4	151.8	153.3	1.0
Wholesale trade.....	107.7	109.0	109.4	109.5	0.1	154.5	159.6	159.6	160.7	0.7
Retail trade.....	101.1	103.5	103.8	104.5	0.7	131.6	136.5	136.9	138.2	0.9
Transportation and warehousing.....	126.3	127.6	128.5	129.1	0.5	168.2	174.2	175.7	177.0	0.7
Utilities.....	96.1	97.2	96.9	96.8	-0.1	142.7	147.0	146.2	146.0	-0.1
Information.....	90.2	89.4	89.3	88.7	-0.7	135.3	136.5	136.5	136.5	0.0
Financial activities.....	112.6	114.6	114.9	115.0	0.1	182.0	187.9	188.5	188.3	-0.1
Professional and business services.....	131.9	134.8	135.2	135.6	0.3	201.8	211.0	211.2	212.0	0.4
Education and health services.....	137.4	140.0	140.1	140.4	0.2	206.2	214.1	213.9	215.1	0.6
Leisure and hospitality.....	127.4	126.5	128.1	128.6	0.4	188.3	193.4	195.9	197.4	0.8
Other services.....	102.3	102.6	103.1	103.2	0.1	145.8	150.6	151.5	151.9	0.3

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

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

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

p Preliminary

NOTE: Data have been revised to reflect March 2016 benchmark levels and updated seasonal adjustment factors.