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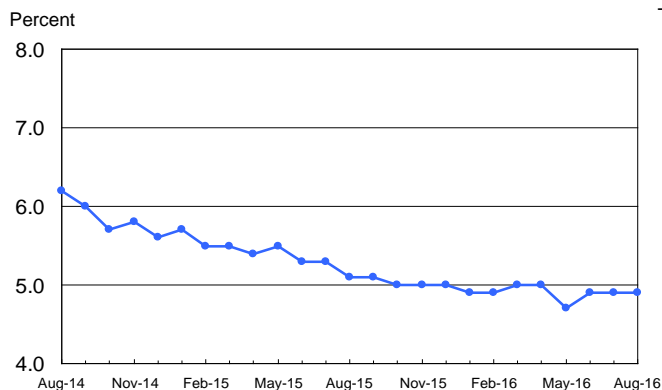
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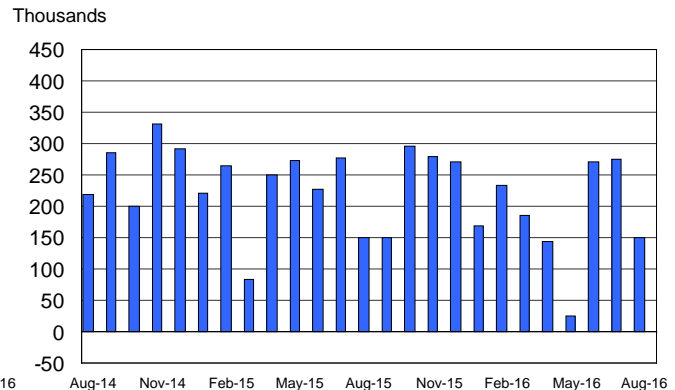
**THE EMPLOYMENT SITUATION — AUGUST 2016**

Total **nonfarm payroll employment** increased by 151,000 in August, and the **unemployment rate** remained at 4.9 percent, the U.S. Bureau of Labor Statistics reported today. Employment continued to trend up in several service-providing industries.

**Chart 1. Unemployment rate, seasonally adjusted, August 2014 – August 2016**



**Chart 2. Nonfarm payroll employment over-the-month change, seasonally adjusted, August 2014 – August 2016**



**Household Survey Data**

The number of **unemployed persons** was essentially unchanged at 7.8 million in August, and the **unemployment rate** was 4.9 percent for the third month in a row. Both measures have shown little movement over the year, on net. (See table A-1.)

Among the **major worker groups**, the unemployment rates for adult men (4.5 percent), adult women (4.5 percent), teenagers (15.7 percent), Whites (4.4 percent), Blacks (8.1 percent), Asians (4.2 percent), and Hispanics (5.6 percent) showed little change in August. (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 2.0 million in August. These individuals accounted for 26.1 percent of the unemployed. (See table A-12.)

Both the **labor force participation rate**, at 62.8 percent, and the **employment-population ratio**, at 59.7 percent, were unchanged in August. (See table A-1.)

The number of persons employed **part time for economic reasons** (sometimes referred to as involuntary part-time workers) was little changed at 6.1 million in August. 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 a full-time job. (See table A-8.)

In August, 1.7 million persons were **marginally attached to the labor force**, about the same as 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 576,000 **discouraged workers** in August, little different 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 1.1 million persons marginally attached to the labor force in August had not searched for work for reasons such as school attendance or family responsibilities. (See table A-16.)

### **Establishment Survey Data**

Total **nonfarm payroll employment** rose by 151,000 in August, compared with an average monthly gain of 204,000 over the prior 12 months. Employment continued to trend up in several service-providing industries. (See table B-1.)

Employment in **food services and drinking places** continued to trend up over the month (+34,000). Over the year, the industry has added 312,000 jobs.

**Social assistance** added 22,000 jobs over the month, with most of the growth in individual and family services (+17,000).

In August, employment in **professional and technical services** edged up (+20,000), about in line with its average monthly gain over the prior 12 months (+24,000).

**Financial activities** employment continued on an upward trend in August (+15,000), with a gain in securities, commodity contracts, and investments (+6,000). Over the year, financial activities has added 167,000 jobs.

**Health care** employment continued to trend up in August (+14,000), but at a slower pace than the average monthly gain over the prior 12 months (+39,000). In August, hospitals added 11,000 jobs, and employment in ambulatory health care services trended up (+13,000). A job loss in nursing and residential care facilities (-9,000) offset a gain in July.

Employment in **mining** continued to trend down in August (-4,000). Since reaching a peak in September 2014, employment in mining has declined by 223,000, with losses concentrated in support activities for mining.

Employment in several other industries—including **construction, manufacturing, wholesale trade, retail trade, transportation and warehousing, temporary help services, and government**—changed little over the month.

The **average workweek for all employees** on private nonfarm payrolls decreased by 0.1 hour to 34.3 hours in August. In manufacturing, the workweek declined by 0.2 hour to 40.6 hours, while overtime was unchanged at 3.3 hours. The average workweek for **production and nonsupervisory employees** on private nonfarm payrolls decreased by 0.1 hour to 33.6 hours. (See tables B-2 and B-7.)

In August, **average hourly earnings for all employees** on private nonfarm payrolls rose by 3 cents to \$25.73. Over the year, average hourly earnings have risen by 2.4 percent. Average hourly earnings of private-sector **production and nonsupervisory employees** increased by 4 cents to \$21.64 in August. (See tables B-3 and B-8.)

The change in total nonfarm payroll employment for June was revised down from +292,000 to +271,000, and the change for July was revised up from +255,000 to +275,000. With these revisions, employment gains in June and July combined were 1,000 less than previously reported. Over the past 3 months, job gains have averaged 232,000 per month.

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**The Employment Situation for September is scheduled to be released on Friday, October 7, 2016, at 8:30 a.m. (EDT).**

# HOUSEHOLD DATA

## Summary table A. Household data, seasonally adjusted

[Numbers in thousands]

Category	Aug. 2015	June 2016	July 2016	Aug. 2016	Change from: July 2016- Aug. 2016
<b>Employment status</b>					
Civilian noninstitutional population.....	251,096	253,397	253,620	253,854	234
Civilian labor force.....	157,061	158,880	159,287	159,463	176
Participation rate.....	62.6	62.7	62.8	62.8	0.0
Employed.....	149,043	151,097	151,517	151,614	97
Employment-population ratio.....	59.4	59.6	59.7	59.7	0.0
Unemployed.....	8,018	7,783	7,770	7,849	79
Unemployment rate.....	5.1	4.9	4.9	4.9	0.0
Not in labor force.....	94,035	94,517	94,333	94,391	58
<b>Unemployment rates</b>					
Total, 16 years and over.....	5.1	4.9	4.9	4.9	0.0
Adult men (20 years and over).....	4.7	4.5	4.6	4.5	-0.1
Adult women (20 years and over).....	4.7	4.5	4.3	4.5	0.2
Teenagers (16 to 19 years).....	16.8	16.0	15.6	15.7	0.1
White.....	4.4	4.4	4.3	4.4	0.1
Black or African American.....	9.4	8.6	8.4	8.1	-0.3
Asian.....	3.5	3.5	3.8	4.2	0.4
Hispanic or Latino ethnicity.....	6.6	5.8	5.4	5.6	0.2
Total, 25 years and over.....	4.2	4.0	4.0	4.1	0.1
Less than a high school diploma.....	7.7	7.5	6.3	7.2	0.9
High school graduates, no college.....	5.5	5.0	5.0	5.1	0.1
Some college or associate degree.....	4.4	4.2	4.3	4.3	0.0
Bachelor's degree and higher.....	2.5	2.5	2.5	2.7	0.2
<b>Reason for unemployment</b>					
Job losers and persons who completed temporary jobs.....	4,014	3,776	3,739	3,791	52
Job leavers.....	787	828	824	885	61
Reentrants.....	2,344	2,268	2,298	2,271	-27
New entrants.....	846	902	826	861	35
<b>Duration of unemployment</b>					
Less than 5 weeks.....	2,106	2,418	2,160	2,290	130
5 to 14 weeks.....	2,354	2,140	2,266	2,329	63
15 to 26 weeks.....	1,254	1,129	1,150	1,056	-94
27 weeks and over.....	2,189	1,979	2,020	2,006	-14
<b>Employed persons at work part time</b>					
Part time for economic reasons.....	6,481	5,843	5,940	6,053	113
Slack work or business conditions.....	3,826	3,443	3,642	3,727	85
Could only find part-time work.....	2,229	2,062	1,981	1,929	-52
Part time for noneconomic reasons.....	19,772	20,505	20,717	20,523	-194
<b>Persons not in the labor force (not seasonally adjusted)</b>					
Marginally attached to the labor force.....	1,812	1,779	1,950	1,713	-
Discouraged workers.....	624	502	591	576	-

- 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	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>
<b>EMPLOYMENT BY SELECTED INDUSTRY</b> (Over-the-month change, in thousands)				
Total nonfarm.....	150	271	275	151
Total private.....	123	238	225	126
Goods-producing.....	-23	-5	11	-24
Mining and logging.....	-9	-7	-6	-4
Construction.....	4	-6	11	-6
Manufacturing.....	-18	8	6	-14
Durable goods <sup>1</sup> .....	-6	-5	4	-16
Motor vehicles and parts.....	6.1	-3.0	5.3	-5.6
Nondurable goods.....	-12	13	2	2
Private service-providing.....	146	243	214	150
Wholesale trade.....	3.4	1.3	1.4	3.9
Retail trade.....	3.9	22.2	11.1	15.1
Transportation and warehousing.....	5.7	-6.5	15.1	14.9
Utilities.....	1.2	2.2	0.5	-0.8
Information.....	-3	41	-4	4
Financial activities.....	13	17	19	15
Professional and business services <sup>1</sup> .....	35	48	80	22
Temporary help services.....	7.7	15.7	12.5	-3.1
Education and health services <sup>1</sup> .....	62	52	44	39
Health care and social assistance.....	59.7	49.5	56.2	36.1
Leisure and hospitality.....	33	53	45	29
Other services.....	-9	13	2	7
Government.....	27	33	50	25
<b>(3-month average change, in thousands)</b>				
Total nonfarm.....	218	146	190	232
Total private.....	198	128	154	196
<b>WOMEN AND PRODUCTION AND NONSUPERVISORY EMPLOYEES</b> AS A PERCENT OF ALL EMPLOYEES <sup>2</sup>				
Total nonfarm women employees.....	49.4	49.6	49.6	49.7
Total private women employees.....	47.9	48.2	48.2	48.2
Total private production and nonsupervisory employees.....	82.4	82.4	82.4	82.3
<b>HOURS AND EARNINGS</b> ALL EMPLOYEES				
<b>Total private</b>				
Average weekly hours.....	34.6	34.4	34.4	34.3
Average hourly earnings.....	\$25.12	\$25.62	\$25.70	\$25.73
Average weekly earnings.....	\$869.15	\$881.33	\$884.08	\$882.54
Index of aggregate weekly hours (2007=100) <sup>3</sup> .....	104.3	105.4	105.6	105.4
Over-the-month percent change.....	0.1	0.2	0.2	-0.2
Index of aggregate weekly payrolls (2007=100) <sup>4</sup> .....	125.2	129.0	129.7	129.6
Over-the-month percent change.....	0.4	0.3	0.5	-0.1
<b>DIFFUSION INDEX</b> (Over 1-month span) <sup>5</sup>				
Total private (262 industries).....	57.1	59.0	62.4	58.0
Manufacturing (79 industries).....	38.0	46.8	50.0	45.6

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

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

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

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

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

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NOTE: Data have been revised to reflect March 2015 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 [www.bls.gov/web/empsit/ces\\_cps\\_trends.pdf](http://www.bls.gov/web/empsit/ces_cps_trends.pdf).

## 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 [www.bls.gov/ces/cesrevinfo.htm](http://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 [www.bls.gov/web/empsit/cesbmart.htm](http://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 [www.bls.gov/cps/lfcharacteristics.htm#altmeasures](http://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 [www.bls.gov/opub/btn/volume-3/how-frequently-do-private-businesses-pay-workers.htm](http://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 <http://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 146,000 businesses and government agencies, representing approximately 623,000 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 [www.bls.gov/cps/documentation.htm](http://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 [www.bls.gov/ces/](http://www.bls.gov/ces/).

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

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



## Seasonal adjustment

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

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

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

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

## Reliability of the estimates

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

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

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

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

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

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

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

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

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

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

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

#### **Other information**

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

# HOUSEHOLD DATA

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

[Numbers in thousands]

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
<b>TOTAL</b>									
Civilian noninstitutional population.....	251,096	253,620	253,854	251,096	252,969	253,174	253,397	253,620	253,854
Civilian labor force.....	157,390	160,705	159,800	157,061	158,924	158,466	158,880	159,287	159,463
Participation rate.....	62.7	63.4	62.9	62.6	62.8	62.6	62.7	62.8	62.8
Employed.....	149,228	152,437	151,804	149,043	151,004	151,030	151,097	151,517	151,614
Employment-population ratio.....	59.4	60.1	59.8	59.4	59.7	59.7	59.6	59.7	59.7
Unemployed.....	8,162	8,267	7,996	8,018	7,920	7,436	7,783	7,770	7,849
Unemployment rate.....	5.2	5.1	5.0	5.1	5.0	4.7	4.9	4.9	4.9
Not in labor force.....	93,706	92,916	94,054	94,035	94,044	94,708	94,517	94,333	94,391
Persons who currently want a job.....	5,920	6,244	5,824	5,918	5,793	5,923	5,692	5,886	5,833
<b>Men, 16 years and over</b>									
Civilian noninstitutional population.....	121,250	122,539	122,656	121,250	122,213	122,316	122,427	122,539	122,656
Civilian labor force.....	83,996	86,130	85,416	83,487	84,641	84,332	84,766	84,826	84,906
Participation rate.....	69.3	70.3	69.6	68.9	69.3	68.9	69.2	69.2	69.2
Employed.....	79,898	81,823	81,365	79,211	80,419	80,369	80,596	80,548	80,674
Employment-population ratio.....	65.9	66.8	66.3	65.3	65.8	65.7	65.8	65.7	65.8
Unemployed.....	4,098	4,308	4,052	4,276	4,222	3,963	4,169	4,278	4,232
Unemployment rate.....	4.9	5.0	4.7	5.1	5.0	4.7	4.9	5.0	5.0
Not in labor force.....	37,253	36,409	37,240	37,763	37,572	37,984	37,662	37,713	37,750
<b>Men, 20 years and over</b>									
Civilian noninstitutional population.....	112,825	114,058	114,173	112,825	113,746	113,844	113,951	114,058	114,173
Civilian labor force.....	80,892	82,393	82,048	80,642	81,748	81,407	81,788	81,834	81,838
Participation rate.....	71.7	72.2	71.9	71.5	71.9	71.5	71.8	71.7	71.7
Employed.....	77,311	78,695	78,562	76,865	77,999	77,917	78,127	78,048	78,143
Employment-population ratio.....	68.5	69.0	68.8	68.1	68.6	68.4	68.6	68.4	68.4
Unemployed.....	3,581	3,698	3,487	3,776	3,749	3,490	3,661	3,786	3,695
Unemployment rate.....	4.4	4.5	4.2	4.7	4.6	4.3	4.5	4.6	4.5
Not in labor force.....	31,933	31,665	32,124	32,184	31,998	32,437	32,163	32,224	32,335
<b>Women, 16 years and over</b>									
Civilian noninstitutional population.....	129,846	131,081	131,198	129,846	130,756	130,858	130,969	131,081	131,198
Civilian labor force.....	73,393	74,574	74,384	73,574	74,284	74,134	74,115	74,461	74,557
Participation rate.....	56.5	56.9	56.7	56.7	56.8	56.7	56.6	56.8	56.8
Employed.....	69,329	70,615	70,439	69,833	70,586	70,661	70,501	70,969	70,940
Employment-population ratio.....	53.4	53.9	53.7	53.8	54.0	54.0	53.8	54.1	54.1
Unemployed.....	4,064	3,960	3,945	3,742	3,698	3,473	3,614	3,492	3,617
Unemployment rate.....	5.5	5.3	5.3	5.1	5.0	4.7	4.9	4.7	4.9
Not in labor force.....	56,453	56,507	56,814	56,272	56,472	56,725	56,855	56,620	56,641
<b>Women, 20 years and over</b>									
Civilian noninstitutional population.....	121,660	122,835	122,949	121,660	122,524	122,622	122,728	122,835	122,949
Civilian labor force.....	70,460	71,092	71,290	70,805	71,302	71,218	71,303	71,572	71,630
Participation rate.....	57.9	57.9	58.0	58.2	58.2	58.1	58.1	58.3	58.3
Employed.....	66,874	67,702	67,776	67,504	68,072	68,209	68,107	68,508	68,415
Employment-population ratio.....	55.0	55.1	55.1	55.5	55.6	55.6	55.5	55.8	55.6
Unemployed.....	3,585	3,389	3,514	3,301	3,230	3,009	3,196	3,065	3,215
Unemployment rate.....	5.1	4.8	4.9	4.7	4.5	4.2	4.5	4.3	4.5
Not in labor force.....	51,200	51,743	51,660	50,855	51,223	51,404	51,425	51,262	51,319
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population.....	16,611	16,728	16,732	16,611	16,699	16,708	16,718	16,728	16,732
Civilian labor force.....	6,038	7,220	6,462	5,615	5,875	5,841	5,789	5,881	5,995
Participation rate.....	36.4	43.2	38.6	33.8	35.2	35.0	34.6	35.2	35.8
Employed.....	5,042	6,040	5,466	4,674	4,934	4,904	4,864	4,961	5,056
Employment-population ratio.....	30.4	36.1	32.7	28.1	29.5	29.4	29.1	29.7	30.2
Unemployed.....	996	1,179	996	941	941	937	926	920	938
Unemployment rate.....	16.5	16.3	15.4	16.8	16.0	16.0	16.0	15.6	15.7
Not in labor force.....	10,573	9,508	10,270	10,996	10,824	10,867	10,928	10,847	10,737

<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>					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
<b>WHITE</b>									
Civilian noninstitutional population.....	197,024	198,253	198,380	197,024	197,906	198,013	198,132	198,253	198,380
Civilian labor force.....	123,676	125,849	124,998	123,387	124,749	124,299	124,551	124,793	124,756
Participation rate.....	62.8	63.5	63.0	62.6	63.0	62.8	62.9	62.9	62.9
Employed.....	118,168	120,140	119,477	117,903	119,369	119,222	119,133	119,426	119,281
Employment-population ratio.....	60.0	60.6	60.2	59.8	60.3	60.2	60.1	60.2	60.1
Unemployed.....	5,508	5,709	5,521	5,485	5,380	5,077	5,418	5,367	5,475
Unemployment rate.....	4.5	4.5	4.4	4.4	4.3	4.1	4.4	4.3	4.4
Not in labor force.....	73,349	72,404	73,382	73,637	73,157	73,714	73,581	73,460	73,624
<b>Men, 20 years and over</b>									
Civilian labor force.....	64,815	65,659	65,401	64,599	65,178	64,932	65,112	65,232	65,226
Participation rate.....	72.1	72.5	72.1	71.8	72.1	71.8	71.9	72.0	72.0
Employed.....	62,328	63,059	62,883	61,944	62,600	62,498	62,526	62,556	62,546
Employment-population ratio.....	69.3	69.6	69.4	68.9	69.2	69.1	69.1	69.1	69.0
Unemployed.....	2,488	2,601	2,518	2,655	2,578	2,434	2,586	2,676	2,680
Unemployment rate.....	3.8	4.0	3.8	4.1	4.0	3.7	4.0	4.1	4.1
<b>Women, 20 years and over</b>									
Civilian labor force.....	54,120	54,510	54,566	54,382	54,984	54,754	54,869	54,948	54,863
Participation rate.....	57.1	57.2	57.2	57.4	57.8	57.5	57.6	57.6	57.5
Employed.....	51,755	52,239	52,245	52,180	52,798	52,775	52,682	52,913	52,720
Employment-population ratio.....	54.6	54.8	54.8	55.1	55.5	55.4	55.3	55.5	55.3
Unemployed.....	2,365	2,271	2,321	2,202	2,185	1,979	2,187	2,035	2,144
Unemployment rate.....	4.4	4.2	4.3	4.0	4.0	3.6	4.0	3.7	3.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	4,740	5,680	5,031	4,406	4,587	4,612	4,570	4,613	4,666
Participation rate.....	38.5	46.0	40.7	35.8	37.2	37.4	37.0	37.4	37.8
Employed.....	4,085	4,843	4,349	3,779	3,970	3,949	3,925	3,957	4,014
Employment-population ratio.....	33.2	39.2	35.2	30.7	32.2	32.0	31.8	32.0	32.5
Unemployed.....	655	837	682	628	617	664	645	656	652
Unemployment rate.....	13.8	14.7	13.6	14.2	13.4	14.4	14.1	14.2	14.0
<b>BLACK OR AFRICAN AMERICAN</b>									
Civilian noninstitutional population.....	31,438	31,904	31,945	31,438	31,792	31,828	31,866	31,904	31,945
Civilian labor force.....	19,449	19,753	19,840	19,394	19,413	19,410	19,532	19,522	19,768
Participation rate.....	61.9	61.9	62.1	61.7	61.1	61.0	61.3	61.2	61.9
Employed.....	17,529	18,004	18,167	17,563	17,700	17,822	17,854	17,885	18,165
Employment-population ratio.....	55.8	56.4	56.9	55.9	55.7	56.0	56.0	56.1	56.9
Unemployed.....	1,919	1,750	1,673	1,831	1,713	1,588	1,678	1,637	1,603
Unemployment rate.....	9.9	8.9	8.4	9.4	8.8	8.2	8.6	8.4	8.1
Not in labor force.....	11,989	12,151	12,106	12,044	12,379	12,417	12,334	12,382	12,178
<b>Men, 20 years and over</b>									
Civilian labor force.....	8,773	9,067	8,960	8,762	9,013	8,889	9,000	8,994	8,947
Participation rate.....	67.2	68.3	67.3	67.1	68.1	67.1	67.8	67.7	67.3
Employed.....	7,979	8,326	8,298	7,955	8,155	8,218	8,262	8,254	8,264
Employment-population ratio.....	61.1	62.7	62.4	60.9	61.6	62.0	62.3	62.1	62.1
Unemployed.....	794	741	661	807	858	671	738	740	683
Unemployment rate.....	9.1	8.2	7.4	9.2	9.5	7.6	8.2	8.2	7.6
<b>Women, 20 years and over</b>									
Civilian labor force.....	9,932	9,822	10,025	9,936	9,667	9,801	9,799	9,831	10,026
Participation rate.....	62.5	61.0	62.2	62.5	60.2	61.0	60.9	61.0	62.2
Employed.....	9,048	9,058	9,249	9,129	9,003	9,079	9,088	9,114	9,314
Employment-population ratio.....	56.9	56.2	57.4	57.4	56.1	56.5	56.5	56.6	57.8
Unemployed.....	884	764	776	807	665	722	711	717	712
Unemployment rate.....	8.9	7.8	7.7	8.1	6.9	7.4	7.3	7.3	7.1
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	744	864	855	697	732	720	733	697	795
Participation rate.....	29.9	34.4	34.0	28.0	29.2	28.7	29.2	27.7	31.6
Employed.....	503	620	619	480	542	525	504	518	587
Employment-population ratio.....	20.2	24.7	24.6	19.3	21.6	20.9	20.1	20.6	23.3
Unemployed.....	241	244	236	217	190	195	228	179	208
Unemployment rate.....	32.4	28.3	27.6	31.2	26.0	27.1	31.2	25.7	26.1

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>					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
<b>ASIAN</b>									
Civilian noninstitutional population.....	14,558	15,211	15,304	14,558	14,853	14,938	15,032	15,211	15,304
Civilian labor force.....	9,107	9,736	9,705	9,110	9,448	9,413	9,504	9,651	9,702
Participation rate.....	62.6	64.0	63.4	62.6	63.6	63.0	63.2	63.4	63.4
Employed.....	8,794	9,341	9,298	8,789	9,090	9,027	9,172	9,281	9,290
Employment-population ratio.....	60.4	61.4	60.8	60.4	61.2	60.4	61.0	61.0	60.7
Unemployed.....	313	395	406	321	357	386	332	369	412
Unemployment rate.....	3.4	4.1	4.2	3.5	3.8	4.1	3.5	3.8	4.2
Not in labor force.....	5,451	5,475	5,600	5,448	5,406	5,525	5,529	5,560	5,603

<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>					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
<b>HISPANIC OR LATINO ETHNICITY</b>									
Civilian noninstitutional population.....	39,737	40,732	40,825	39,737	40,474	40,558	40,646	40,732	40,825
Civilian labor force.....	26,078	26,981	27,007	26,076	26,595	26,510	26,675	26,785	26,987
Participation rate.....	65.6	66.2	66.2	65.6	65.7	65.4	65.6	65.8	66.1
Employed.....	24,344	25,463	25,483	24,347	24,960	25,032	25,136	25,347	25,468
Employment-population ratio.....	61.3	62.5	62.4	61.3	61.7	61.7	61.8	62.2	62.4
Unemployed.....	1,734	1,518	1,524	1,729	1,636	1,478	1,539	1,438	1,519
Unemployment rate.....	6.6	5.6	5.6	6.6	6.1	5.6	5.8	5.4	5.6
Not in labor force.....	13,659	13,752	13,818	13,661	13,878	14,048	13,971	13,947	13,838
<b>Men, 20 years and over</b>									
Civilian labor force.....	14,361	14,900	14,912	14,357	14,685	14,598	14,751	14,842	14,897
Participation rate.....	80.2	81.2	81.0	80.1	80.5	79.8	80.5	80.8	80.9
Employed.....	13,662	14,242	14,252	13,595	13,949	13,956	14,095	14,141	14,184
Employment-population ratio.....	76.3	77.6	77.4	75.9	76.5	76.3	76.9	77.0	77.1
Unemployed.....	699	658	660	761	736	642	656	701	713
Unemployment rate.....	4.9	4.4	4.4	5.3	5.0	4.4	4.4	4.7	4.8
<b>Women, 20 years and over</b>									
Civilian labor force.....	10,537	10,747	10,903	10,604	10,744	10,667	10,750	10,797	10,957
Participation rate.....	58.2	57.8	58.5	58.5	58.2	57.6	58.0	58.1	58.8
Employed.....	9,760	10,136	10,238	9,864	10,041	10,058	10,067	10,226	10,322
Employment-population ratio.....	53.9	54.5	54.9	54.5	54.4	54.3	54.3	55.0	55.4
Unemployed.....	777	611	665	740	703	609	683	571	635
Unemployment rate.....	7.4	5.7	6.1	7.0	6.5	5.7	6.4	5.3	5.8
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	1,180	1,334	1,193	1,116	1,166	1,244	1,175	1,146	1,133
Participation rate.....	31.8	35.3	31.5	30.1	31.0	33.0	31.1	30.3	29.9
Employed.....	922	1,085	994	888	969	1,017	974	980	963
Employment-population ratio.....	24.9	28.7	26.2	23.9	25.8	27.0	25.8	25.9	25.4
Unemployed.....	258	249	199	227	196	227	201	166	170
Unemployment rate.....	21.8	18.7	16.7	20.4	16.8	18.3	17.1	14.5	15.0

<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					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
<b>Less than a high school diploma</b>									
Civilian labor force.....	10,546	10,409	10,648	10,719	10,777	10,464	10,522	10,638	10,809
Participation rate.....	44.7	46.0	45.8	45.5	46.1	44.5	45.2	47.0	46.5
Employed.....	9,776	9,756	9,922	9,894	9,966	9,720	9,734	9,969	10,035
Employment-population ratio.....	41.5	43.1	42.7	42.0	42.7	41.3	41.9	44.0	43.2
Unemployed.....	770	653	726	825	812	744	787	669	774
Unemployment rate.....	7.3	6.3	6.8	7.7	7.5	7.1	7.5	6.3	7.2
<b>High school graduates, no college<sup>1</sup></b>									
Civilian labor force.....	35,617	35,495	36,029	35,496	35,501	35,536	35,260	35,547	35,793
Participation rate.....	57.3	57.0	57.5	57.1	57.2	57.1	57.2	57.1	57.1
Employed.....	33,689	33,698	34,231	33,545	33,567	33,728	33,480	33,758	33,985
Employment-population ratio.....	54.2	54.1	54.6	53.9	54.1	54.2	54.3	54.2	54.2
Unemployed.....	1,928	1,798	1,798	1,951	1,934	1,808	1,780	1,789	1,808
Unemployment rate.....	5.4	5.1	5.0	5.5	5.4	5.1	5.0	5.0	5.1
<b>Some college or associate degree</b>									
Civilian labor force.....	37,194	37,977	37,381	37,148	37,757	37,829	37,804	37,791	37,571
Participation rate.....	66.2	66.5	66.2	66.1	65.9	66.2	66.0	66.2	66.5
Employed.....	35,535	36,319	35,743	35,525	36,204	36,364	36,231	36,182	35,970
Employment-population ratio.....	63.2	63.6	63.3	63.2	63.2	63.7	63.2	63.4	63.7
Unemployed.....	1,659	1,658	1,638	1,623	1,553	1,465	1,573	1,609	1,601
Unemployment rate.....	4.5	4.4	4.4	4.4	4.1	3.9	4.2	4.3	4.3
<b>Bachelor's degree and higher<sup>2</sup></b>									
Civilian labor force.....	52,065	53,720	53,645	52,510	53,316	53,398	54,102	54,100	54,068
Participation rate.....	73.8	73.4	73.5	74.4	74.3	74.3	74.4	74.0	74.1
Employed.....	50,650	52,209	52,032	51,224	52,025	52,113	52,723	52,741	52,618
Employment-population ratio.....	71.8	71.4	71.3	72.6	72.5	72.5	72.5	72.1	72.1
Unemployed.....	1,415	1,511	1,613	1,287	1,291	1,285	1,378	1,359	1,450
Unemployment rate.....	2.7	2.8	3.0	2.5	2.4	2.4	2.5	2.5	2.7

<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	
	Aug. 2015	Aug. 2016	Aug. 2015	Aug. 2016	Aug. 2015	Aug. 2016
<b>VETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	21,171	20,857	19,172	18,842	1,999	2,015
Civilian labor force.....	10,686	10,522	9,452	9,274	1,234	1,248
Participation rate.....	50.5	50.4	49.3	49.2	61.7	61.9
Employed.....	10,236	10,069	9,067	8,909	1,170	1,160
Employment-population ratio.....	48.3	48.3	47.3	47.3	58.5	57.6
Unemployed.....	449	453	385	365	64	87
Unemployment rate.....	4.2	4.3	4.1	3.9	5.2	7.0
Not in labor force.....	10,486	10,335	9,720	9,568	765	767
<b>Gulf War-era II veterans</b>						
Civilian noninstitutional population.....	3,581	3,846	2,956	3,182	625	664
Civilian labor force.....	2,878	3,154	2,434	2,651	444	503
Participation rate.....	80.4	82.0	82.3	83.3	71.1	75.7
Employed.....	2,744	3,007	2,322	2,541	422	466
Employment-population ratio.....	76.6	78.2	78.6	79.9	67.6	70.2
Unemployed.....	134	147	112	110	22	37
Unemployment rate.....	4.7	4.7	4.6	4.2	5.0	7.3
Not in labor force.....	702	692	522	531	180	161
<b>Gulf War-era I veterans</b>						
Civilian noninstitutional population.....	3,479	3,431	2,936	2,893	543	538
Civilian labor force.....	2,832	2,740	2,410	2,336	422	403
Participation rate.....	81.4	79.9	82.1	80.8	77.6	75.0
Employed.....	2,724	2,612	2,331	2,241	393	371
Employment-population ratio.....	78.3	76.1	79.4	77.5	72.4	69.0
Unemployed.....	107	127	79	95	28	32
Unemployment rate.....	3.8	4.7	3.3	4.1	6.7	8.0
Not in labor force.....	648	691	526	557	122	134
<b>World War II, Korean War, and Vietnam-era veterans</b>						
Civilian noninstitutional population.....	8,852	8,439	8,537	8,137	315	302
Civilian labor force.....	2,293	2,102	2,221	2,015	72	86
Participation rate.....	25.9	24.9	26.0	24.8	22.9	28.5
Employed.....	2,198	2,023	2,125	1,942	72	81
Employment-population ratio.....	24.8	24.0	24.9	23.9	22.9	27.0
Unemployed.....	95	78	95	73	0	5
Unemployment rate.....	4.2	3.7	4.3	3.6	-	5.5
Not in labor force.....	6,559	6,337	6,316	6,122	243	216
<b>Veterans of other service periods</b>						
Civilian noninstitutional population.....	5,259	5,141	4,743	4,630	516	511
Civilian labor force.....	2,683	2,526	2,387	2,271	296	255
Participation rate.....	51.0	49.1	50.3	49.0	57.4	49.9
Employed.....	2,570	2,426	2,288	2,184	282	242
Employment-population ratio.....	48.9	47.2	48.2	47.2	54.6	47.3
Unemployed.....	113	100	99	87	14	14
Unemployment rate.....	4.2	4.0	4.1	3.8	4.8	5.3
Not in labor force.....	2,576	2,615	2,356	2,359	220	256
<b>NONVETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	221,138	224,047	97,597	99,310	123,542	124,737
Civilian labor force.....	144,530	146,871	73,454	74,927	71,076	71,943
Participation rate.....	65.4	65.6	75.3	75.4	57.5	57.7
Employed.....	137,213	139,716	69,932	71,440	67,281	68,276
Employment-population ratio.....	62.0	62.4	71.7	71.9	54.5	54.7
Unemployed.....	7,318	7,155	3,523	3,487	3,795	3,667
Unemployment rate.....	5.1	4.9	4.8	4.7	5.3	5.1
Not in labor force.....	76,608	77,176	24,142	24,383	52,466	52,793

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.



**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	
	Aug. 2015	Aug. 2016	Aug. 2015	Aug. 2016
<b>TOTAL, 16 years and over</b>				
Civilian noninstitutional population.....	29,858	30,253	221,238	223,601
Civilian labor force.....	5,833	6,004	151,557	153,796
Participation rate.....	19.5	19.8	68.5	68.8
Employed.....	5,237	5,325	143,991	146,479
Employment-population ratio.....	17.5	17.6	65.1	65.5
Unemployed.....	596	679	7,566	7,317
Unemployment rate.....	10.2	11.3	5.0	4.8
Not in labor force.....	24,025	24,249	69,681	69,806
<b>Men, 16 to 64 years</b>				
Civilian labor force.....	2,518	2,729	76,612	77,468
Participation rate.....	32.7	33.9	82.6	83.2
Employed.....	2,240	2,433	72,974	73,900
Employment-population ratio.....	29.1	30.3	78.7	79.4
Unemployed.....	277	296	3,637	3,568
Unemployment rate.....	11.0	10.8	4.7	4.6
Not in labor force.....	5,179	5,312	16,146	15,640
<b>Women, 16 to 64 years</b>				
Civilian labor force.....	2,291	2,167	67,218	68,096
Participation rate.....	28.1	28.0	70.1	70.4
Employed.....	2,027	1,854	63,576	64,667
Employment-population ratio.....	24.9	23.9	66.3	66.8
Unemployed.....	264	313	3,642	3,429
Unemployment rate.....	11.5	14.5	5.4	5.0
Not in labor force.....	5,854	5,579	28,636	28,661
<b>Both sexes, 65 years and over</b>				
Civilian labor force.....	1,024	1,108	7,727	8,232
Participation rate.....	7.3	7.7	23.7	24.4
Employed.....	969	1,038	7,440	7,912
Employment-population ratio.....	6.9	7.2	22.8	23.5
Unemployed.....	55	70	287	320
Unemployment rate.....	5.4	6.3	3.7	3.9
Not in labor force.....	12,992	13,358	24,899	25,505

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	
	Aug. 2015	Aug. 2016	Aug. 2015	Aug. 2016	Aug. 2015	Aug. 2016
<b>Foreign born, 16 years and over</b>						
Civilian noninstitutional population.....	40,290	41,768	19,535	20,210	20,754	21,558
Civilian labor force.....	26,056	27,336	15,267	15,888	10,788	11,449
Participation rate.....	64.7	65.4	78.2	78.6	52.0	53.1
Employed.....	24,914	26,134	14,745	15,367	10,169	10,766
Employment-population ratio.....	61.8	62.6	75.5	76.0	49.0	49.9
Unemployed.....	1,142	1,203	522	520	620	683
Unemployment rate.....	4.4	4.4	3.4	3.3	5.7	6.0
Not in labor force.....	14,234	14,432	4,268	4,323	9,966	10,109
<b>Native born, 16 years and over</b>						
Civilian noninstitutional population.....	210,806	212,086	101,715	102,446	109,092	109,640
Civilian labor force.....	131,334	132,464	68,729	69,529	62,605	62,935
Participation rate.....	62.3	62.5	67.6	67.9	57.4	57.4
Employed.....	124,314	125,670	65,153	65,997	59,161	59,673
Employment-population ratio.....	59.0	59.3	64.1	64.4	54.2	54.4
Unemployed.....	7,021	6,793	3,576	3,531	3,444	3,262
Unemployment rate.....	5.3	5.1	5.2	5.1	5.5	5.2
Not in labor force.....	79,472	79,622	32,985	32,917	46,487	46,705

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					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
<b>CLASS OF WORKER</b>									
Agriculture and related industries.....	2,539	2,597	2,718	2,350	2,592	2,585	2,516	2,388	2,520
Wage and salary workers <sup>1</sup> .....	1,590	1,763	1,783	1,436	1,706	1,689	1,651	1,605	1,617
Self-employed workers, unincorporated.....	922	809	915	889	856	862	840	766	873
Unpaid family workers.....	26	25	20	-	-	-	-	-	-
Nonagricultural industries.....	146,689	149,840	149,086	146,666	148,377	148,429	148,640	149,155	149,118
Wage and salary workers <sup>1</sup> .....	137,890	140,983	140,323	137,989	139,411	139,574	139,777	140,468	140,431
Government.....	19,994	19,605	20,065	20,624	20,323	20,599	20,186	20,430	20,670
Private industries.....	117,896	121,378	120,258	117,340	119,136	119,011	119,592	119,988	119,736
Private households.....	825	756	763	-	-	-	-	-	-
Other industries.....	117,072	120,621	119,495	116,512	118,390	118,282	118,837	119,250	118,982
Self-employed workers, unincorporated.....	8,747	8,777	8,661	8,667	8,872	8,816	8,772	8,660	8,621
Unpaid family workers.....	52	80	101	-	-	-	-	-	-
<b>PERSONS AT WORK PART TIME<sup>2</sup></b>									
<b>  All industries</b>									
Part time for economic reasons <sup>3</sup> .....	6,361	6,157	5,963	6,481	5,962	6,430	5,843	5,940	6,053
Slack work or business conditions.....	3,674	3,742	3,620	3,826	3,709	3,890	3,443	3,642	3,727
Could only find part-time work.....	2,227	1,990	1,885	2,229	2,009	2,086	2,062	1,981	1,929
Part time for noneconomic reasons <sup>4</sup> .....	17,933	19,088	18,495	19,772	20,469	20,606	20,505	20,717	20,523
<b>    Nonagricultural industries</b>									
Part time for economic reasons <sup>3</sup> .....	6,265	6,071	5,845	6,374	5,874	6,372	5,745	5,846	5,931
Slack work or business conditions.....	3,621	3,676	3,531	3,775	3,651	3,828	3,377	3,566	3,641
Could only find part-time work.....	2,216	1,979	1,878	2,227	1,995	2,076	2,052	1,965	1,911
Part time for noneconomic reasons <sup>4</sup> .....	17,597	18,697	18,135	19,481	20,114	20,224	20,101	20,337	20,185

<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					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
<b>AGE AND SEX</b>									
Total, 16 years and over.....	149,228	152,437	151,804	149,043	151,004	151,030	151,097	151,517	151,614
16 to 19 years.....	5,042	6,040	5,466	4,674	4,934	4,904	4,864	4,961	5,056
16 to 17 years.....	1,779	2,309	2,019	1,620	1,692	1,732	1,839	1,811	1,829
18 to 19 years.....	3,263	3,731	3,447	3,050	3,239	3,193	3,032	3,149	3,225
20 years and over.....	144,185	146,397	146,338	144,370	146,070	146,126	146,234	146,556	146,558
20 to 24 years.....	14,535	14,416	14,410	14,313	14,016	14,090	14,023	13,865	14,139
25 years and over.....	129,651	131,981	131,927	130,076	131,998	131,965	132,251	132,756	132,464
25 to 54 years.....	96,506	97,628	97,691	96,632	97,648	97,765	97,793	98,042	97,870
25 to 34 years.....	32,682	33,694	33,897	32,769	33,390	33,518	33,662	33,812	33,947
35 to 44 years.....	31,315	31,453	31,353	31,348	31,445	31,578	31,543	31,627	31,404
45 to 54 years.....	32,509	32,481	32,440	32,515	32,813	32,669	32,588	32,602	32,520
55 years and over.....	33,145	34,353	34,236	33,444	34,350	34,200	34,459	34,714	34,594
Men, 16 years and over.....	79,898	81,823	81,365	79,211	80,419	80,369	80,596	80,548	80,674
16 to 19 years.....	2,587	3,128	2,803	2,345	2,420	2,452	2,469	2,500	2,531
16 to 17 years.....	900	1,165	1,016	806	789	826	906	869	895
18 to 19 years.....	1,687	1,962	1,787	1,539	1,621	1,630	1,571	1,627	1,631
20 years and over.....	77,311	78,695	78,562	76,865	77,999	77,917	78,127	78,048	78,143
20 to 24 years.....	7,472	7,511	7,462	7,257	7,274	7,221	7,229	7,120	7,238
25 years and over.....	69,839	71,184	71,100	69,622	70,710	70,647	70,899	70,987	70,913
25 to 54 years.....	52,127	52,623	52,621	51,889	52,388	52,431	52,493	52,395	52,401
25 to 34 years.....	17,775	18,285	18,309	17,712	18,060	18,136	18,209	18,197	18,238
35 to 44 years.....	17,002	17,101	17,065	16,928	17,017	17,059	17,084	17,048	16,996
45 to 54 years.....	17,350	17,237	17,247	17,249	17,312	17,236	17,200	17,149	17,167
55 years and over.....	17,712	18,561	18,479	17,732	18,321	18,216	18,406	18,592	18,512
Women, 16 years and over.....	69,329	70,615	70,439	69,833	70,586	70,661	70,501	70,969	70,940
16 to 19 years.....	2,455	2,912	2,663	2,328	2,514	2,452	2,394	2,461	2,525
16 to 17 years.....	879	1,143	1,003	814	903	906	934	942	934
18 to 19 years.....	1,576	1,769	1,660	1,512	1,618	1,563	1,461	1,522	1,594
20 years and over.....	66,874	67,702	67,776	67,504	68,072	68,209	68,107	68,508	68,415
20 to 24 years.....	7,063	6,905	6,949	7,057	6,742	6,868	6,794	6,745	6,901
25 years and over.....	59,812	60,797	60,827	60,454	61,288	61,318	61,353	61,768	61,551
25 to 54 years.....	44,379	45,005	45,070	44,742	45,259	45,334	45,300	45,646	45,469
25 to 34 years.....	14,907	15,409	15,588	15,057	15,330	15,382	15,453	15,614	15,709
35 to 44 years.....	14,313	14,352	14,288	14,419	14,427	14,519	14,460	14,579	14,408
45 to 54 years.....	15,158	15,244	15,193	15,267	15,502	15,433	15,387	15,453	15,352
55 years and over.....	15,433	15,792	15,758	15,712	16,028	15,984	16,053	16,122	16,082
<b>MARITAL STATUS</b>									
Married men, spouse present.....	45,048	45,447	45,538	44,985	45,207	45,023	45,562	45,532	45,478
Married women, spouse present.....	34,516	34,540	34,881	34,980	35,227	35,158	35,171	35,316	35,350
Women who maintain families.....	9,696	9,809	9,627	-	-	-	-	-	-
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>1</sup> .....	123,420	125,507	125,892	122,045	123,194	123,135	123,586	123,892	124,301
Part-time workers <sup>2</sup> .....	25,808	26,930	25,912	26,949	27,797	27,936	27,445	27,595	27,207
<b>MULTIPLE JOBHOLDERS</b>									
Total multiple jobholders.....	6,901	7,190	7,234	7,224	7,411	7,412	7,207	7,361	7,562
Percent of total employed.....	4.6	4.7	4.8	4.8	4.9	4.9	4.8	4.9	5.0
<b>SELF-EMPLOYMENT</b>									
Self-employed workers, incorporated.....	5,176	5,468	5,342	-	-	-	-	-	-
Self-employed workers, unincorporated.....	9,669	9,586	9,577	9,556	9,728	9,678	9,612	9,426	9,495

<sup>1</sup> Employed full-time workers are persons who usually work 35 hours or more per week.

<sup>2</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					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
<b>AGE AND SEX</b>									
Total, 16 years and over.....	8,018	7,770	7,849	5.1	5.0	4.7	4.9	4.9	4.9
16 to 19 years.....	941	920	938	16.8	16.0	16.0	16.0	15.6	15.7
16 to 17 years.....	371	328	366	18.6	19.7	18.5	17.0	15.3	16.7
18 to 19 years.....	574	594	579	15.8	13.5	14.4	15.5	15.9	15.2
20 years and over.....	7,077	6,850	6,910	4.7	4.6	4.3	4.5	4.5	4.5
20 to 24 years.....	1,393	1,369	1,246	8.9	8.8	8.3	8.7	9.0	8.1
25 years and over.....	5,705	5,473	5,681	4.2	4.1	3.8	4.0	4.0	4.1
25 to 54 years.....	4,401	4,139	4,423	4.4	4.2	4.0	4.1	4.1	4.3
25 to 34 years.....	1,822	1,789	1,861	5.3	5.2	5.0	5.1	5.0	5.2
35 to 44 years.....	1,265	1,142	1,331	3.9	4.0	3.5	3.7	3.5	4.1
45 to 54 years.....	1,314	1,208	1,232	3.9	3.5	3.4	3.5	3.6	3.6
55 years and over.....	1,316	1,326	1,268	3.8	3.6	3.4	3.5	3.7	3.5
Men, 16 years and over.....	4,276	4,278	4,232	5.1	5.0	4.7	4.9	5.0	5.0
16 to 19 years.....	500	493	537	17.6	16.4	16.2	17.1	16.5	17.5
16 to 17 years.....	186	154	196	18.8	20.6	19.3	18.3	15.0	17.9
18 to 19 years.....	316	342	345	17.0	13.2	14.3	16.9	17.4	17.5
20 years and over.....	3,776	3,786	3,695	4.7	4.6	4.3	4.5	4.6	4.5
20 to 24 years.....	791	796	743	9.8	9.5	8.8	9.4	10.1	9.3
25 years and over.....	2,989	2,979	2,950	4.1	4.1	3.8	3.9	4.0	4.0
25 to 54 years.....	2,269	2,236	2,251	4.2	4.2	3.9	4.0	4.1	4.1
25 to 34 years.....	980	960	964	5.2	5.4	5.1	5.1	5.0	5.0
35 to 44 years.....	620	612	665	3.5	3.6	3.4	3.5	3.5	3.8
45 to 54 years.....	668	664	622	3.7	3.4	3.2	3.3	3.7	3.5
55 years and over.....	720	743	698	3.9	3.8	3.6	3.8	3.8	3.6
Women, 16 years and over.....	3,742	3,492	3,617	5.1	5.0	4.7	4.9	4.7	4.9
16 to 19 years.....	441	427	402	15.9	15.7	15.9	14.8	14.8	13.7
16 to 17 years.....	184	174	171	18.5	18.9	17.8	15.6	15.6	15.5
18 to 19 years.....	258	252	234	14.6	13.7	14.5	14.0	14.2	12.8
20 years and over.....	3,301	3,065	3,215	4.7	4.5	4.2	4.5	4.3	4.5
20 to 24 years.....	602	573	503	7.9	8.1	7.7	7.9	7.8	6.8
25 years and over.....	2,715	2,494	2,731	4.3	4.1	3.8	4.1	3.9	4.2
25 to 54 years.....	2,132	1,903	2,172	4.5	4.3	4.1	4.3	4.0	4.6
25 to 34 years.....	842	829	897	5.3	5.0	5.0	5.2	5.0	5.4
35 to 44 years.....	645	530	665	4.3	4.4	3.6	4.1	3.5	4.4
45 to 54 years.....	646	543	609	4.1	3.7	3.7	3.7	3.4	3.8
55 years and over.....	591	562	558	3.6	3.6	3.2	3.4	3.4	3.4
<b>MARITAL STATUS</b>									
Married men, spouse present.....	1,273	1,219	1,240	2.8	2.7	2.6	2.6	2.6	2.7
Married women, spouse present.....	1,125	1,106	1,107	3.1	3.1	2.9	3.2	3.0	3.0
Women who maintain families <sup>1</sup> .....	855	765	821	8.1	6.7	6.6	7.3	7.2	7.9
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>2</sup> .....	6,604	6,342	6,411	5.1	5.1	4.7	4.9	4.9	4.9
Part-time workers <sup>3</sup> .....	1,379	1,434	1,427	4.9	4.5	4.5	4.9	4.9	5.0

<sup>1</sup> Not seasonally adjusted.

<sup>2</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>3</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					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
<b>NUMBER OF UNEMPLOYED</b>									
Job losers and persons who completed temporary jobs.....	3,987	3,869	3,787	4,014	3,855	3,573	3,776	3,739	3,791
On temporary layoff.....	954	1,165	1,000	968	841	829	1,097	997	998
Not on temporary layoff.....	3,032	2,704	2,787	3,046	3,014	2,744	2,679	2,743	2,792
Permanent job losers.....	2,116	2,014	1,987	2,137	2,058	1,982	1,917	2,021	2,005
Persons who completed temporary jobs....	916	690	800	909	957	762	763	722	787
Job leavers.....	849	865	967	787	851	796	828	824	885
Reentrants.....	2,389	2,429	2,283	2,344	2,357	2,209	2,268	2,298	2,271
New entrants.....	938	1,104	959	846	839	865	902	826	861
<b>PERCENT DISTRIBUTION</b>									
Job losers and persons who completed temporary jobs.....	48.8	46.8	47.4	50.2	48.8	48.0	48.6	48.6	48.6
On temporary layoff.....	11.7	14.1	12.5	12.1	10.6	11.1	14.1	13.0	12.8
Not on temporary layoff.....	37.2	32.7	34.9	38.1	38.2	36.9	34.5	35.7	35.8
Job leavers.....	10.4	10.5	12.1	9.9	10.8	10.7	10.7	10.7	11.3
Reentrants.....	29.3	29.4	28.5	29.3	29.8	29.7	29.2	29.9	29.1
New entrants.....	11.5	13.4	12.0	10.6	10.6	11.6	11.6	10.7	11.0
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers and persons who completed temporary jobs.....	2.5	2.4	2.4	2.6	2.4	2.3	2.4	2.3	2.4
Job leavers.....	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.6
Reentrants.....	1.5	1.5	1.4	1.5	1.5	1.4	1.4	1.4	1.4
New entrants.....	0.6	0.7	0.6	0.5	0.5	0.5	0.6	0.5	0.5

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					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
<b>NUMBER OF UNEMPLOYED</b>									
Less than 5 weeks.....	2,100	2,476	2,308	2,106	2,545	2,207	2,418	2,160	2,290
5 to 14 weeks.....	2,744	2,731	2,746	2,354	2,131	2,239	2,140	2,266	2,329
15 weeks and over.....	3,318	3,060	2,942	3,443	3,367	3,058	3,108	3,170	3,062
15 to 26 weeks.....	1,136	1,033	946	1,254	1,304	1,173	1,129	1,150	1,056
27 weeks and over.....	2,183	2,027	1,996	2,189	2,063	1,885	1,979	2,020	2,006
Average (mean) duration, in weeks.....	27.6	26.3	26.7	28.3	27.7	26.7	27.7	28.1	27.6
Median duration, in weeks.....	11.0	9.6	10.3	12.1	11.4	10.7	10.3	11.6	11.2
<b>PERCENT DISTRIBUTION</b>									
Less than 5 weeks.....	25.7	30.0	28.9	26.6	31.6	29.4	31.5	28.4	29.8
5 to 14 weeks.....	33.6	33.0	34.3	29.8	26.5	29.8	27.9	29.8	30.3
15 weeks and over.....	40.7	37.0	36.8	43.6	41.9	40.8	40.5	41.7	39.9
15 to 26 weeks.....	13.9	12.5	11.8	15.9	16.2	15.6	14.7	15.1	13.8
27 weeks and over.....	26.7	24.5	25.0	27.7	25.7	25.1	25.8	26.6	26.1

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	
	Aug. 2015	Aug. 2016	Aug. 2015	Aug. 2016	Aug. 2015	Aug. 2016
Total, 16 years and over <sup>1</sup> .....	149,228	151,804	8,162	7,996	5.2	5.0
Management, professional, and related occupations.....	57,288	58,526	1,686	1,869	2.9	3.1
Management, business, and financial operations occupations.....	24,331	24,668	555	641	2.2	2.5
Professional and related occupations.....	32,957	33,858	1,132	1,227	3.3	3.5
Service occupations.....	26,886	27,943	1,847	1,643	6.4	5.6
Sales and office occupations.....	33,158	33,123	1,738	1,522	5.0	4.4
Sales and related occupations.....	15,596	15,646	890	793	5.4	4.8
Office and administrative support occupations.....	17,561	17,477	848	729	4.6	4.0
Natural resources, construction, and maintenance occupations.....	14,025	14,359	817	773	5.5	5.1
Farming, fishing, and forestry occupations.....	1,145	1,246	62	67	5.1	5.1
Construction and extraction occupations.....	7,774	8,116	585	513	7.0	5.9
Installation, maintenance, and repair occupations.....	5,106	4,996	170	193	3.2	3.7
Production, transportation, and material moving occupations.....	17,871	17,854	1,109	1,217	5.8	6.4
Production occupations.....	8,619	8,225	482	480	5.3	5.5
Transportation and material moving occupations.....	9,252	9,629	627	737	6.3	7.1

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

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



**HOUSEHOLD DATA**

**Table A-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	
	Aug. 2015	Aug. 2016	Aug. 2015	Aug. 2016
Total, 16 years and over <sup>1</sup> .....	8,162	7,996	5.2	5.0
Nonagricultural private wage and salary workers.....	6,039	5,820	4.9	4.6
Mining, quarrying, and oil and gas extraction.....	77	42	8.0	5.4
Construction.....	525	454	6.1	5.1
Manufacturing.....	639	652	4.0	4.2
Durable goods.....	426	415	4.2	4.2
Nondurable goods.....	213	237	3.6	4.1
Wholesale and retail trade.....	1,034	985	5.1	4.9
Transportation and utilities.....	251	331	4.0	5.0
Information.....	151	130	5.2	5.0
Financial activities.....	236	269	2.5	2.8
Professional and business services.....	852	749	5.4	4.4
Education and health services.....	934	956	4.1	4.1
Leisure and hospitality.....	1,012	962	7.2	6.6
Other services.....	328	290	4.8	4.2
Agriculture and related private wage and salary workers.....	87	67	5.3	3.7
Government workers.....	779	778	3.7	3.7
Self-employed workers, unincorporated, and unpaid family workers.....	319	371	3.2	3.7

<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					
	Aug. 2015	July 2016	Aug. 2016	Aug. 2015	Apr. 2016	May 2016	June 2016	July 2016	Aug. 2016
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	2.1	1.9	1.8	2.2	2.1	1.9	2.0	2.0	1.9
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.....	2.5	2.4	2.4	2.6	2.4	2.3	2.4	2.3	2.4
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	5.2	5.1	5.0	5.1	5.0	4.7	4.9	4.9	4.9
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	5.6	5.5	5.3	5.5	5.3	5.0	5.2	5.2	5.3
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.....	6.3	6.3	6.0	6.2	6.0	5.7	6.0	6.0	5.9
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.....	10.3	10.1	9.7	10.3	9.7	9.7	9.6	9.7	9.7

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	
	Aug. 2015	Aug. 2016	Aug. 2015	Aug. 2016	Aug. 2015	Aug. 2016
<b>NOT IN THE LABOR FORCE</b>						
Total not in the labor force.....	93,706	94,054	37,253	37,240	56,453	56,814
Persons who currently want a job.....	5,920	5,824	2,589	2,616	3,331	3,208
Marginally attached to the labor force <sup>1</sup> .....	1,812	1,713	967	916	846	797
Discouraged workers <sup>2</sup> .....	624	576	391	349	234	227
Other persons marginally attached to the labor force <sup>3</sup> ..	1,188	1,137	576	567	612	570
<b>MULTIPLE JOBHOLDERS</b>						
Total multiple jobholders <sup>4</sup> .....	6,901	7,234	3,475	3,558	3,427	3,676
Percent of total employed.....	4.6	4.8	4.3	4.4	4.9	5.2
Primary job full time, secondary job part time.....	3,832	3,991	2,150	2,207	1,682	1,784
Primary and secondary jobs both part time.....	1,708	2,005	561	741	1,146	1,264
Primary and secondary jobs both full time.....	286	279	183	146	103	133
Hours vary on primary or secondary job.....	1,038	897	555	438	482	458

<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: July 2016 - Aug. 2016 <sup>P</sup>
	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	
Total nonfarm.....	141,973	145,199	144,200	144,424	142,151	144,172	144,447	144,598	151
Total private.....	121,029	123,174	123,262	123,295	120,102	122,034	122,259	122,385	126
Goods-producing.....	19,957	19,909	19,978	19,977	19,562	19,613	19,624	19,600	-24
Mining and logging.....	814	690	693	689	803	689	683	679	-4
Logging.....	54.8	50.7	51.4	51.7	52.3	50.3	49.5	49.4	-0.1
Mining.....	758.8	639.0	641.1	637.3	750.8	639.1	633.9	629.6	-4.3
Oil and gas extraction.....	192.4	173.7	173.9	174.1	190.9	172.9	172.0	172.8	0.8
Mining, except oil and gas.....	202.4	185.2	183.9	185.0	196.7	181.0	179.8	179.9	0.1
Coal mining.....	64.9	53.3	52.4	52.4	64.5	53.2	52.5	52.1	-0.4
Metal ore mining.....	41.3	38.8	38.4	38.5	41.0	38.2	38.0	38.2	0.2
Nonmetallic mineral mining and quarrying.....	96.2	93.1	93.1	94.1	91.3	89.7	89.3	89.6	0.3
Support activities for mining.....	364.0	280.1	283.3	278.2	363.2	285.2	282.1	276.9	-5.2
Construction.....	6,734	6,847	6,915	6,917	6,441	6,635	6,646	6,640	-6
Construction of buildings.....	1,461.8	1,492.4	1,507.6	1,503.6	1,413.0	1,458.5	1,461.7	1,458.6	-3.1
Residential building.....	714.8	739.2	746.2	748.9	690.6	721.1	721.6	726.3	4.7
Nonresidential building.....	747.0	753.2	761.4	754.7	722.4	737.4	740.1	732.3	-7.8
Heavy and civil engineering construction.....	1,002.7	982.7	993.7	993.0	935.9	933.6	934.3	927.8	-6.5
Specialty trade contractors.....	4,269.9	4,371.9	4,413.7	4,419.9	4,092.3	4,242.4	4,250.4	4,253.6	3.2
Residential specialty trade contractors.....	1,857.7	1,931.1	1,944.9	1,945.9	1,774.1	1,863.3	1,864.4	1,870.5	6.1
Nonresidential specialty trade contractors.....	2,412.2	2,440.8	2,468.8	2,474.0	2,318.2	2,379.1	2,386.0	2,383.1	-2.9
Manufacturing.....	12,409	12,372	12,370	12,371	12,318	12,289	12,295	12,281	-14
Durable goods.....	7,794	7,733	7,716	7,705	7,756	7,681	7,685	7,669	-16
Wood products.....	384.2	388.4	387.0	387.7	379.4	383.5	382.7	382.6	-0.1
Nonmetallic mineral products.....	406.6	409.6	410.0	407.5	397.0	399.7	399.7	398.3	-1.4
Primary metals.....	391.6	375.1	374.2	371.8	391.3	374.6	374.0	371.5	-2.5
Fabricated metal products.....	1,458.8	1,433.6	1,429.8	1,428.1	1,454.3	1,427.4	1,425.2	1,425.0	-0.2
Machinery.....	1,119.2	1,086.4	1,084.5	1,081.8	1,117.3	1,080.7	1,080.1	1,080.6	0.5
Computer and electronic products.....	1,056.9	1,046.0	1,042.3	1,041.7	1,051.2	1,039.6	1,036.3	1,035.6	-0.7
Computer and peripheral equipment.....	163.5	164.0	165.0	164.0	161.5	162.5	162.5	161.8	-0.7
Communications equipment.....	87.5	85.1	85.1	85.2	87.3	84.6	84.9	84.9	0.0
Semiconductors and electronic components.....	369.2	364.5	360.8	361.4	367.3	362.3	359.6	359.5	-0.1
Electronic instruments.....	401.5	397.5	396.7	396.3	399.9	395.2	394.7	394.6	-0.1
Miscellaneous computer and electronic products.....	35.2	34.9	34.7	34.8	35.1	34.9	34.7	34.8	0.1
Electrical equipment and appliances.....	386.7	386.2	386.3	383.6	384.7	383.7	383.9	381.9	-2.0
Transportation equipment <sup>1</sup> .....	1,607.6	1,615.1	1,610.9	1,612.3	1,606.0	1,605.5	1,616.3	1,609.9	-6.4
Motor vehicles and parts <sup>2</sup> .....	918.5	933.1	926.6	928.0	916.9	926.0	931.3	925.7	-5.6
Furniture and related products.....	384.3	390.5	389.9	389.9	380.2	388.1	386.9	386.1	-0.8
Miscellaneous durable goods manufacturing.....	598.0	601.9	601.0	600.1	595.0	597.8	599.6	597.8	-1.8
Nondurable goods.....	4,615	4,639	4,654	4,666	4,562	4,608	4,610	4,612	2
Food manufacturing.....	1,535.7	1,546.2	1,565.3	1,582.5	1,501.6	1,537.6	1,541.7	1,546.2	4.5
Textile mills.....	115.6	114.0	112.8	112.2	115.5	113.0	112.8	112.2	-0.6
Textile product mills.....	116.7	117.5	115.5	114.7	116.5	116.3	115.0	114.6	-0.4
Apparel.....	136.8	132.3	129.4	130.6	136.7	132.2	130.8	130.4	-0.4
Paper and paper products.....	374.5	373.9	372.6	372.5	373.2	371.5	370.4	371.1	0.7
Printing and related support activities.....	448.0	444.8	442.3	439.8	446.9	442.6	441.6	439.1	-2.5
Petroleum and coal products.....	117.9	117.5	118.0	117.8	115.6	115.4	115.2	115.6	0.4
Chemicals.....	812.4	823.0	824.3	821.2	809.8	818.6	819.1	819.0	-0.1
Plastics and rubber products.....	690.1	695.5	695.7	694.1	687.0	691.7	691.8	691.3	-0.5
Miscellaneous nondurable goods manufacturing.....	267.0	273.9	278.5	280.3	259.6	269.5	271.8	272.7	0.9
Private service-providing.....	101,072	103,265	103,284	103,318	100,540	102,421	102,635	102,785	150
Trade, transportation, and utilities.....	26,960	27,364	27,348	27,346	26,978	27,311	27,339	27,373	34
Wholesale trade.....	5,908.3	5,960.3	5,956.8	5,953.0	5,879.3	5,921.0	5,922.4	5,926.3	3.9
Durable goods.....	2,952.0	2,965.3	2,964.9	2,967.5	2,935.9	2,948.5	2,949.1	2,952.4	3.3
Nondurable goods.....	2,050.1	2,080.5	2,079.0	2,073.0	2,039.8	2,061.0	2,063.2	2,063.4	0.2

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: July 2016 <sup>P</sup> - Aug. 2016 <sup>P</sup>
	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	
Wholesale trade - Continued									
Electronic markets and agents and brokers.....	906.2	914.5	912.9	912.5	903.6	911.5	910.1	910.5	0.4
Retail trade.....	15,669.3	15,957.1	15,975.5	15,954.3	15,674.6	15,941.8	15,952.9	15,968.0	15.1
Motor vehicle and parts dealers.....	1,958.5	2,009.0	2,011.9	2,014.0	1,940.4	1,991.9	1,993.8	1,997.9	4.1
Automobile dealers.....	1,252.0	1,291.7	1,294.1	1,296.2	1,245.2	1,286.3	1,287.9	1,290.0	2.1
Other motor vehicle dealers.....	153.7	158.4	159.2	156.5	146.3	149.5	149.9	150.1	0.2
Auto parts, accessories, and tire stores....	552.8	558.9	558.6	561.3	548.9	556.2	555.9	557.9	2.0
Furniture and home furnishings stores.....	467.4	477.6	479.3	482.9	473.4	484.3	485.9	488.7	2.8
Electronics and appliance stores.....	515.4	515.5	517.1	514.5	527.9	528.4	528.2	527.1	-1.1
Building material and garden supply stores.....	1,241.2	1,351.3	1,322.2	1,296.5	1,238.1	1,285.7	1,286.1	1,293.7	7.6
Food and beverage stores.....	3,090.5	3,137.8	3,135.5	3,128.5	3,073.1	3,105.7	3,104.4	3,109.2	4.8
Health and personal care stores.....	1,029.5	1,047.6	1,045.1	1,043.0	1,031.3	1,047.9	1,047.0	1,045.7	-1.3
Gasoline stations.....	924.2	932.1	935.3	936.5	907.3	920.2	921.9	920.9	-1.0
Clothing and clothing accessories stores....	1,370.2	1,348.4	1,370.6	1,377.0	1,372.0	1,378.0	1,379.7	1,377.9	-1.8
Sporting goods, hobby, book, and music stores.....	610.7	607.7	610.2	617.8	618.4	629.8	629.7	630.1	0.4
General merchandise stores.....	3,112.4	3,155.4	3,166.9	3,162.1	3,147.6	3,192.8	3,195.4	3,197.2	1.8
Department stores.....	1,300.0	1,281.1	1,291.1	1,283.9	1,326.1	1,312.3	1,311.6	1,308.8	-2.8
Other general merchandise stores.....	1,812.4	1,874.3	1,875.8	1,878.2	1,821.5	1,880.6	1,883.8	1,888.5	4.7
Miscellaneous store retailers.....	838.4	848.0	851.5	848.6	826.7	841.0	841.9	839.2	-2.7
Nonstore retailers.....	510.9	526.7	529.9	532.9	518.4	536.1	538.9	540.4	1.5
Transportation and warehousing.....	4,817.8	4,878.8	4,844.8	4,871.4	4,862.7	4,883.9	4,899.0	4,913.9	14.9
Air transportation.....	461.8	474.1	474.8	476.4	458.7	470.4	470.7	472.7	2.0
Rail transportation.....	241.2	217.0	217.4	217.4	241.0	216.2	216.7	216.8	0.1
Water transportation.....	65.8	65.0	65.2	64.4	63.8	62.8	62.4	62.3	-0.1
Truck transportation.....	1,483.7	1,472.5	1,475.1	1,482.5	1,460.4	1,454.4	1,456.3	1,459.7	3.4
Transit and ground passenger transportation.....	416.6	463.5	417.6	420.8	478.0	472.9	478.0	480.2	2.2
Pipeline transportation.....	50.0	48.2	48.3	48.1	49.9	48.1	48.0	48.1	0.1
Scenic and sightseeing transportation.....	42.4	37.0	40.4	41.4	33.2	29.9	30.9	30.9	0.0
Support activities for transportation.....	656.9	651.8	652.2	650.7	654.3	648.5	650.2	649.1	-1.1
Couriers and messengers.....	578.9	598.2	591.9	601.6	604.2	620.4	622.8	626.8	4.0
Warehousing and storage.....	820.5	851.5	861.9	868.1	819.2	860.3	863.0	867.3	4.3
Utilities.....	564.3	567.6	570.6	567.2	560.9	564.6	565.1	564.3	-0.8
Information.....	2,768	2,797	2,790	2,796	2,753	2,782	2,778	2,782	4
Publishing industries, except Internet.....	727.4	725.5	730.1	732.4	725.1	725.4	727.4	730.2	2.8
Motion picture and sound recording industries.....	411.2	433.3	426.6	428.9	400.2	421.0	418.3	418.1	-0.2
Broadcasting, except Internet.....	277.9	277.6	274.8	276.3	278.6	277.2	275.2	277.3	2.1
Telecommunications.....	808.5	797.1	796.5	795.2	808.1	797.9	797.0	794.4	-2.6
Data processing, hosting and related services.....	297.9	301.3	299.7	300.0	298.2	300.4	299.2	300.1	0.9
Other information services.....	245.1	262.2	262.4	263.1	243.1	260.1	260.5	261.6	1.1
Financial activities.....	8,208	8,338	8,378	8,379	8,150	8,283	8,302	8,317	15
Finance and insurance.....	6,070.9	6,163.3	6,184.3	6,191.2	6,056.6	6,148.3	6,160.0	6,174.4	14.4
Monetary authorities - central bank.....	18.0	18.0	18.2	18.0	17.8	17.9	17.9	17.8	-0.1
Credit intermediation and related activities.....	2,581.9	2,608.3	2,617.4	2,620.5	2,573.0	2,600.7	2,605.8	2,609.9	4.1
Depository credit intermediation <sup>1</sup> .....	1,685.5	1,693.7	1,697.2	1,697.2	1,679.1	1,688.7	1,689.3	1,690.6	1.3
Commercial banking.....	1,273.5	1,270.1	1,273.2	1,271.5	1,269.8	1,267.7	1,267.9	1,267.5	-0.4
Nondepository credit intermediation.....	599.7	604.7	608.0	610.8	596.9	603.3	606.6	607.5	0.9
Activities related to credit intermediation...	296.7	309.9	312.2	312.5	296.9	308.7	309.9	311.8	1.9
Securities, commodity contracts, investments, and funds and trusts.....	916.6	928.9	935.1	940.0	913.0	927.8	929.5	935.3	5.8
Insurance carriers and related activities.....	2,554.4	2,608.1	2,613.6	2,612.7	2,552.8	2,601.9	2,606.8	2,611.4	4.6
Real estate and rental and leasing.....	2,137.5	2,174.5	2,193.6	2,188.1	2,093.3	2,134.7	2,141.5	2,142.1	0.6
Real estate.....	1,548.0	1,576.2	1,590.1	1,593.4	1,523.5	1,557.9	1,561.7	1,567.1	5.4
Rental and leasing services.....	565.4	574.6	579.6	571.0	546.0	553.4	556.3	551.6	-4.7
Lessors of nonfinancial intangible assets....	24.1	23.7	23.9	23.7	23.8	23.4	23.5	23.4	-0.1

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: July 2016 - Aug. 2016 <sup>P</sup>
	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	
Private service-providing - Continued									
Professional and business services.....	19,883	20,344	20,376	20,428	19,742	20,182	20,262	20,284	22
Professional and technical services.....	8,647.3	8,886.1	8,937.9	8,936.5	8,668.4	8,897.7	8,934.8	8,954.9	20.1
Legal services.....	1,121.5	1,133.3	1,134.7	1,128.4	1,118.6	1,124.0	1,125.0	1,125.0	0.0
Accounting and bookkeeping services.....	925.7	961.0	960.2	960.8	989.0	1,018.9	1,023.7	1,024.4	0.7
Architectural and engineering services.....	1,429.0	1,455.5	1,466.0	1,463.8	1,411.6	1,438.0	1,443.7	1,446.0	2.3
Specialized design services.....	135.6	143.7	144.7	145.0	135.4	142.9	144.1	144.9	0.8
Computer systems design and related services.....	1,937.9	1,994.8	2,014.7	2,019.3	1,928.5	1,992.9	2,002.0	2,008.1	6.1
Management and technical consulting services.....	1,286.6	1,339.7	1,349.4	1,355.4	1,280.9	1,336.2	1,342.4	1,349.7	7.3
Scientific research and development services.....	662.6	679.8	682.4	681.5	659.3	671.9	673.9	677.1	3.2
Advertising and related services.....	491.3	497.3	501.7	496.4	490.0	495.6	499.2	495.7	-3.5
Other professional and technical services.....	657.1	681.0	684.1	685.9	655.0	677.4	680.8	683.9	3.1
Management of companies and enterprises.....	2,236.9	2,279.7	2,290.2	2,288.4	2,225.6	2,268.7	2,276.0	2,277.4	1.4
Administrative and waste services.....	8,998.5	9,177.7	9,147.5	9,203.4	8,848.3	9,015.4	9,051.6	9,051.9	0.3
Administrative and support services.....	8,593.1	8,763.9	8,730.2	8,785.7	8,450.1	8,609.6	8,644.4	8,641.9	-2.5
Office administrative services.....	471.7	492.4	494.3	497.4	469.9	489.9	492.9	495.6	2.7
Facilities support services.....	142.0	143.9	142.6	142.5	142.3	143.1	143.0	142.9	-0.1
Employment services <sup>1</sup> .....	3,582.6	3,606.6	3,567.0	3,619.5	3,542.0	3,578.4	3,593.3	3,581.4	-11.9
Temporary help services.....	2,913.8	2,925.3	2,887.7	2,946.5	2,883.2	2,907.1	2,919.6	2,916.5	-3.1
Business support services.....	882.8	904.7	904.7	911.5	893.9	914.1	919.1	921.6	2.5
Travel arrangement and reservation services.....	203.8	209.2	208.5	207.4	202.1	205.0	205.1	205.3	0.2
Investigation and security services.....	872.9	895.6	898.3	903.4	869.9	897.0	901.0	900.9	-0.1
Services to buildings and dwellings.....	2,128.0	2,185.8	2,191.5	2,177.1	2,020.5	2,062.5	2,067.9	2,069.0	1.1
Other support services.....	309.3	325.7	323.3	326.9	309.5	319.7	322.1	325.2	3.1
Waste management and remediation services.....	405.4	413.8	417.3	417.7	398.2	405.8	407.2	410.0	2.8
Education and health services.....	21,791	22,483	22,369	22,399	22,137	22,672	22,716	22,755	39
Educational services.....	3,145.1	3,331.4	3,222.2	3,200.2	3,463.2	3,535.0	3,523.1	3,525.4	2.3
Health care and social assistance.....	18,645.5	19,151.8	19,147.2	19,199.2	18,673.4	19,137.1	19,193.3	19,229.4	36.1
Health care <sup>3</sup> .....	15,163.2	15,545.3	15,586.1	15,604.0	15,142.7	15,525.9	15,571.2	15,585.6	14.4
Ambulatory health care services.....	6,911.2	7,127.1	7,140.1	7,162.7	6,904.8	7,119.9	7,142.6	7,155.5	12.9
Offices of physicians.....	2,544.1	2,605.1	2,617.9	2,618.6	2,543.0	2,606.5	2,617.0	2,617.2	0.2
Offices of dentists.....	914.8	939.6	939.0	943.4	910.5	935.8	938.1	939.6	1.5
Offices of other health practitioners.....	818.3	862.1	860.2	869.4	816.7	858.6	861.7	866.4	4.7
Outpatient care centers.....	749.8	778.7	782.3	784.8	749.4	777.1	781.2	784.3	3.1
Medical and diagnostic laboratories.....	260.3	257.7	260.2	258.8	260.6	258.5	259.3	259.1	-0.2
Home health care services.....	1,332.5	1,392.5	1,387.9	1,391.3	1,334.3	1,390.5	1,392.2	1,394.1	1.9
Other ambulatory health care services.....	291.4	291.4	292.6	296.4	290.3	292.9	293.2	294.9	1.7
Hospitals.....	4,938.6	5,076.1	5,096.9	5,104.2	4,935.3	5,078.2	5,091.4	5,102.1	10.7
Nursing and residential care facilities.....	3,313.4	3,342.1	3,349.1	3,337.1	3,302.6	3,327.8	3,337.2	3,328.0	-9.2
Nursing care facilities.....	1,659.2	1,667.0	1,670.7	1,660.8	1,655.1	1,659.9	1,663.9	1,656.9	-7.0
Residential mental health facilities.....	609.1	614.6	614.0	614.8	606.7	612.5	612.0	613.0	1.0
Community care facilities for the elderly.....	881.3	894.4	898.0	897.3	878.7	891.5	896.9	895.1	-1.8
Other residential care facilities.....	163.8	166.1	166.4	164.2	162.2	163.9	164.5	163.0	-1.5
Social assistance.....	3,482.3	3,606.5	3,561.1	3,595.2	3,530.7	3,611.2	3,622.1	3,643.8	21.7
Individual and family services.....	2,154.6	2,223.6	2,220.5	2,236.3	2,159.0	2,212.2	2,223.6	2,240.2	16.6
Emergency and other relief services.....	155.5	157.0	157.8	159.5	155.9	156.0	157.2	159.7	2.5
Vocational rehabilitation services.....	341.0	337.3	340.9	340.3	337.0	334.5	335.1	336.6	1.5
Child day care services.....	831.2	888.6	841.9	859.1	878.9	908.4	906.1	907.2	1.1
Leisure and hospitality.....	15,802	16,179	16,265	16,235	15,158	15,502	15,547	15,576	29
Arts, entertainment, and recreation.....	2,442.4	2,534.6	2,604.5	2,547.1	2,171.3	2,242.4	2,261.6	2,262.3	0.7
Performing arts and spectator sports.....	486.1	510.2	519.3	519.5	459.4	484.3	494.2	489.8	-4.4
Museums, historical sites, and similar institutions.....	164.5	173.3	175.6	172.1	153.5	159.2	160.8	160.3	-0.5
Amusements, gambling, and recreation.....	1,791.8	1,851.1	1,909.6	1,855.5	1,558.4	1,598.9	1,606.6	1,612.2	5.6
Accommodation and food services.....	13,359.7	13,644.1	13,660.1	13,687.9	12,987.1	13,259.2	13,285.1	13,313.8	28.7

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: July 2016 - Aug. 2016 <sup>P</sup>
	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	
Accommodation and food services - Continued									
Accommodation.....	2,054.5	2,027.8	2,086.9	2,068.2	1,915.3	1,928.2	1,935.2	1,929.9	-5.3
Food services and drinking places.....	11,305.2	11,616.3	11,573.2	11,619.7	11,071.8	11,331.0	11,349.9	11,383.9	34.0
Other services.....	5,660	5,760	5,758	5,735	5,622	5,689	5,691	5,698	7
Repair and maintenance.....	1,282.4	1,299.7	1,291.5	1,287.3	1,276.2	1,285.7	1,286.0	1,282.8	-3.2
Personal and laundry services.....	1,407.0	1,448.1	1,444.1	1,442.6	1,402.4	1,432.3	1,434.1	1,437.7	3.6
Membership associations and organizations...	2,970.6	3,012.1	3,022.1	3,005.5	2,943.2	2,971.0	2,971.1	2,977.8	6.7
Government.....	20,944	22,025	20,938	21,129	22,049	22,138	22,188	22,213	25
Federal.....	2,766.0	2,805.0	2,804.0	2,804.0	2,753.0	2,787.0	2,789.0	2,790.0	1.0
Federal, except U.S. Postal Service.....	2,173.6	2,195.9	2,198.6	2,194.7	2,157.5	2,178.2	2,179.2	2,177.9	-1.3
U.S. Postal Service.....	592.5	609.0	605.8	608.9	595.7	608.7	609.5	612.3	2.8
State government.....	4,809.0	4,868.0	4,793.0	4,823.0	5,106.0	5,115.0	5,120.0	5,120.0	0.0
State government education.....	2,123.1	2,176.2	2,104.1	2,142.2	2,430.1	2,444.5	2,450.0	2,450.3	0.3
State government, excluding education.....	2,685.6	2,691.5	2,688.4	2,680.3	2,675.8	2,670.5	2,670.0	2,669.9	-0.1
Local government.....	13,369.0	14,352.0	13,341.0	13,502.0	14,190.0	14,236.0	14,279.0	14,303.0	24.0
Local government education.....	6,859.3	7,763.7	6,695.7	6,895.5	7,864.3	7,837.6	7,872.9	7,884.6	11.7
Local government, excluding education.....	6,509.4	6,588.2	6,644.8	6,606.3	6,325.3	6,398.1	6,406.4	6,418.1	11.7

<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 2015 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	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	34.6	34.4	34.4	34.3
Goods-producing.....	40.4	40.2	40.3	40.0
Mining and logging.....	43.9	42.6	43.2	42.8
Construction.....	39.1	39.1	39.2	38.7
Manufacturing.....	40.8	40.7	40.8	40.6
Durable goods.....	41.1	41.2	41.3	41.1
Nondurable goods.....	40.3	39.9	39.9	39.9
Private service-providing.....	33.4	33.3	33.3	33.2
Trade, transportation, and utilities.....	34.7	34.4	34.4	34.2
Wholesale trade.....	38.8	38.8	38.9	38.8
Retail trade.....	31.5	31.1	31.1	30.9
Transportation and warehousing.....	38.9	38.8	38.7	38.5
Utilities.....	42.6	42.2	42.4	42.1
Information.....	36.3	36.0	36.0	35.9
Financial activities.....	37.6	37.5	37.7	37.5
Professional and business services.....	36.2	36.1	36.1	36.1
Education and health services.....	32.9	32.9	32.9	32.9
Leisure and hospitality.....	26.3	26.1	26.1	26.0
Other services.....	31.9	32.0	32.0	32.0
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	3.3	3.2	3.3	3.3
Durable goods.....	3.2	3.2	3.3	3.3
Nondurable goods.....	3.4	3.3	3.2	3.2

p Preliminary

NOTE: Data have been revised to reflect March 2015 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			
	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>
Total private.....	\$25.12	\$25.62	\$25.70	\$25.73	\$869.15	\$881.33	\$884.08	\$882.54
Goods-producing.....	26.33	26.90	26.95	26.96	1,063.73	1,081.38	1,086.09	1,078.40
Mining and logging.....	31.44	31.86	31.84	31.68	1,380.22	1,357.24	1,375.49	1,355.90
Construction.....	27.46	28.11	28.19	28.22	1,073.69	1,099.10	1,105.05	1,092.11
Manufacturing.....	25.40	25.97	26.02	26.03	1,036.32	1,056.98	1,061.62	1,056.82
Durable goods.....	26.74	27.28	27.31	27.36	1,099.01	1,123.94	1,127.90	1,124.50
Nondurable goods.....	23.07	23.73	23.79	23.77	929.72	946.83	949.22	948.42
Private service-providing.....	24.83	25.32	25.41	25.45	829.32	843.16	846.15	844.94
Trade, transportation, and utilities.....	21.88	22.36	22.41	22.45	759.24	769.18	770.90	767.79
Wholesale trade.....	28.79	29.49	29.71	29.64	1,117.05	1,144.21	1,155.72	1,150.03
Retail trade.....	17.56	17.91	17.87	17.92	553.14	557.00	555.76	553.73
Transportation and warehousing.....	22.86	23.31	23.37	23.50	889.25	904.43	904.42	904.75
Utilities.....	37.54	38.46	38.48	38.75	1,599.20	1,623.01	1,631.55	1,631.38
Information.....	35.25	36.51	36.58	36.77	1,279.58	1,314.36	1,316.88	1,320.04
Financial activities.....	31.60	32.14	32.42	32.49	1,188.16	1,205.25	1,222.23	1,218.38
Professional and business services.....	30.21	30.79	30.91	30.90	1,093.60	1,111.52	1,115.85	1,115.49
Education and health services.....	25.34	25.64	25.70	25.72	833.69	843.56	845.53	846.19
Leisure and hospitality.....	14.39	14.87	14.92	14.95	378.46	388.11	389.41	388.70
Other services.....	22.56	22.82	22.91	22.96	719.66	730.24	733.12	734.72

p Preliminary

NOTE: Data have been revised to reflect March 2015 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>				
	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>	Percent change from: July 2016 - Aug. 2016 <sup>p</sup>	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>	Percent change from: July 2016 - Aug. 2016 <sup>p</sup>
Total private.....	104.3	105.4	105.6	105.4	-0.2	125.2	129.0	129.7	129.6	-0.1
Goods-producing.....	90.0	89.8	90.1	89.3	-0.9	107.2	109.2	109.7	108.8	-0.8
Mining and logging.....	110.8	92.2	92.7	91.3	-1.5	139.8	118.0	118.5	116.1	-2.0
Construction.....	86.8	89.4	89.8	88.6	-1.3	103.6	109.2	110.0	108.6	-1.3
Manufacturing.....	90.4	90.0	90.2	89.7	-0.6	106.8	108.7	109.2	108.6	-0.5
Durable goods.....	89.7	89.1	89.4	88.7	-0.8	106.6	107.9	108.4	107.8	-0.6
Nondurable goods.....	91.7	91.8	91.8	91.8	0.0	107.4	110.5	110.8	110.8	0.0
Private service-providing.....	108.0	109.7	110.0	109.8	-0.2	130.4	135.0	135.8	135.8	0.0
Trade, transportation, and utilities.....	101.8	102.2	102.3	101.8	-0.5	119.9	123.0	123.4	123.0	-0.3
Wholesale trade.....	99.5	100.2	100.5	100.3	-0.2	119.6	123.4	124.6	124.1	-0.4
Retail trade.....	100.3	100.7	100.8	100.2	-0.6	116.4	119.2	119.1	118.7	-0.3
Transportation and warehousing.....	108.3	108.5	108.5	108.3	-0.2	125.6	128.3	128.7	129.1	0.3
Utilities.....	103.4	103.1	103.7	102.8	-0.9	128.2	131.0	131.8	131.6	-0.2
Information.....	91.3	91.5	91.3	91.2	-0.1	114.5	118.9	119.0	119.4	0.3
Financial activities.....	100.4	101.7	102.5	102.1	-0.4	123.7	127.5	129.6	129.4	-0.2
Professional and business services.....	112.4	114.6	115.0	115.2	0.2	137.6	142.9	144.1	144.2	0.1
Education and health services.....	118.9	121.8	122.0	122.2	0.2	144.9	150.2	150.8	151.2	0.3
Leisure and hospitality.....	113.7	115.4	115.8	115.6	-0.2	132.1	138.5	139.4	139.4	0.0
Other services.....	103.4	105.0	105.0	105.1	0.1	127.9	131.3	131.8	132.3	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 2015 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			
	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>
Total nonfarm.....	70,195	71,505	71,698	71,843	49.4	49.6	49.6	49.7
Total private.....	57,567	58,808	58,947	59,048	47.9	48.2	48.2	48.2
Goods-producing.....	4,280	4,302	4,300	4,302	21.9	21.9	21.9	21.9
Mining and logging.....	112	101	100	99	13.9	14.7	14.6	14.6
Construction.....	814	830	829	829	12.6	12.5	12.5	12.5
Manufacturing.....	3,354	3,371	3,371	3,374	27.2	27.4	27.4	27.5
Durable goods.....	1,803	1,801	1,801	1,804	23.2	23.4	23.4	23.5
Nondurable goods.....	1,551	1,570	1,570	1,570	34.0	34.1	34.1	34.0
Private service-providing.....	53,287	54,506	54,647	54,746	53.0	53.2	53.2	53.3
Trade, transportation, and utilities.....	10,920	11,123	11,144	11,151	40.5	40.7	40.8	40.7
Wholesale trade.....	1,729.0	1,748.4	1,749.8	1,750.3	29.4	29.5	29.5	29.5
Retail trade.....	7,902.4	8,054.6	8,065.7	8,068.5	50.4	50.5	50.6	50.5
Transportation and warehousing.....	1,153.5	1,187.2	1,195.9	1,200.1	23.7	24.3	24.4	24.4
Utilities.....	135.2	132.6	132.6	132.0	24.1	23.5	23.5	23.4
Information.....	1,105	1,108	1,107	1,111	40.1	39.8	39.8	39.9
Financial activities.....	4,644	4,720	4,729	4,734	57.0	57.0	57.0	56.9
Professional and business services.....	8,791	9,055	9,092	9,113	44.5	44.9	44.9	44.9
Education and health services.....	17,041	17,471	17,513	17,547	77.0	77.1	77.1	77.1
Leisure and hospitality.....	7,852	8,045	8,077	8,099	51.8	51.9	52.0	52.0
Other services.....	2,934	2,984	2,985	2,991	52.2	52.5	52.5	52.5
Government.....	12,628	12,697	12,751	12,795	57.3	57.4	57.5	57.6

p Preliminary

NOTE: Data have been revised to reflect March 2015 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	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>
Total private.....	99,020	100,509	100,712	100,750
Goods-producing.....	14,106	14,117	14,111	14,083
Mining and logging.....	587	484	480	475
Construction.....	4,853	5,011	5,011	5,001
Manufacturing.....	8,666	8,622	8,620	8,607
Durable goods.....	5,342	5,279	5,279	5,266
Nondurable goods.....	3,324	3,343	3,341	3,341
Private service-providing.....	84,914	86,392	86,601	86,667
Trade, transportation, and utilities.....	22,702	22,939	22,961	22,979
Wholesale trade.....	4,714.1	4,738.1	4,739.7	4,742.2
Retail trade.....	13,318.8	13,522.7	13,530.2	13,540.5
Transportation and warehousing.....	4,217.5	4,225.7	4,236.9	4,242.8
Utilities.....	451.4	452.8	454.5	453.0
Information.....	2,233	2,241	2,236	2,242
Financial activities.....	6,296	6,419	6,444	6,454
Professional and business services.....	16,195	16,497	16,579	16,565
Education and health services.....	19,438	19,909	19,946	19,970
Leisure and hospitality.....	13,374	13,669	13,714	13,733
Other services.....	4,676	4,718	4,721	4,724

<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 2015 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	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	33.7	33.6	33.7	33.6
Goods-producing.....	41.2	41.1	41.3	41.0
Mining and logging.....	45.5	44.3	45.3	45.0
Construction.....	39.6	39.7	39.8	39.3
Manufacturing.....	41.8	41.7	42.0	41.8
Durable goods.....	42.1	42.1	42.5	42.3
Nondurable goods.....	41.4	41.1	41.2	41.2
Private service-providing.....	32.4	32.4	32.4	32.3
Trade, transportation, and utilities.....	33.6	33.5	33.6	33.5
Wholesale trade.....	38.5	38.6	38.7	38.6
Retail trade.....	30.0	29.8	29.8	29.7
Transportation and warehousing.....	38.8	38.9	38.8	38.7
Utilities.....	42.3	42.4	42.6	42.5
Information.....	35.7	35.6	35.7	35.7
Financial activities.....	37.1	37.0	37.0	37.0
Professional and business services.....	35.5	35.4	35.5	35.4
Education and health services.....	32.1	32.2	32.2	32.2
Leisure and hospitality.....	25.0	24.9	24.9	24.8
Other services.....	30.8	30.9	30.9	30.9
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	4.3	4.2	4.3	4.3
Durable goods.....	4.3	4.3	4.5	4.4
Nondurable goods.....	4.4	4.1	4.1	4.1

<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 2015 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			
	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>
Total private.....	\$21.11	\$21.52	\$21.60	\$21.64	\$711.41	\$723.07	\$727.92	\$727.10
Goods-producing.....	22.06	22.59	22.64	22.68	908.87	928.45	935.03	929.88
Mining and logging.....	26.52	27.14	27.02	27.00	1,206.66	1,202.30	1,224.01	1,215.00
Construction.....	25.29	26.01	26.08	26.14	1,001.48	1,032.60	1,037.98	1,027.30
Manufacturing.....	20.02	20.43	20.48	20.53	836.84	851.93	860.16	858.15
Durable goods.....	21.08	21.45	21.50	21.57	887.47	903.05	913.75	912.41
Nondurable goods.....	18.28	18.77	18.81	18.86	756.79	771.45	774.97	777.03
Private service-providing.....	20.91	21.30	21.39	21.43	677.48	690.12	693.04	692.19
Trade, transportation, and utilities.....	18.73	18.98	19.03	19.03	629.33	635.83	639.41	637.51
Wholesale trade.....	23.71	24.18	24.27	24.23	912.84	933.35	939.25	935.28
Retail trade.....	14.90	14.97	15.03	14.99	447.00	446.11	447.89	445.20
Transportation and warehousing.....	20.76	21.08	21.08	21.20	805.49	820.01	817.90	820.44
Utilities.....	34.07	35.63	35.42	35.47	1,441.16	1,510.71	1,508.89	1,507.48
Information.....	29.08	30.11	30.48	30.62	1,038.16	1,071.92	1,088.14	1,093.13
Financial activities.....	25.40	26.12	26.17	26.27	942.34	966.44	968.29	971.99
Professional and business services.....	24.87	25.44	25.51	25.58	882.89	900.58	905.61	905.53
Education and health services.....	22.18	22.41	22.51	22.56	711.98	721.60	724.82	726.43
Leisure and hospitality.....	12.45	12.84	12.91	12.92	311.25	319.72	321.46	320.42
Other services.....	19.08	19.20	19.25	19.29	587.66	593.28	594.83	596.06

<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 2015 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>				
	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>	Percent change from: July 2016 - Aug. 2016 <sup>p</sup>	Aug. 2015	June 2016	July 2016 <sup>p</sup>	Aug. 2016 <sup>p</sup>	Percent change from: July 2016 - Aug. 2016 <sup>p</sup>
Total private.....	111.2	112.5	113.1	112.8	-0.3	156.8	161.8	163.2	163.1	-0.1
Goods-producing.....	88.8	88.7	89.1	88.2	-1.0	120.0	122.6	123.5	122.5	-0.8
Mining and logging.....	141.9	113.9	115.5	113.6	-1.6	218.9	179.8	181.6	178.4	-1.8
Construction.....	96.2	99.6	99.9	98.4	-1.5	131.4	139.9	140.6	138.9	-1.2
Manufacturing.....	83.2	82.5	83.1	82.6	-0.6	108.9	110.3	111.3	110.9	-0.4
Durable goods.....	84.5	83.5	84.3	83.7	-0.7	111.2	111.8	113.2	112.7	-0.4
Nondurable goods.....	81.1	81.0	81.1	81.1	0.0	104.7	107.4	107.8	108.1	0.3
Private service-providing.....	117.2	119.2	119.5	119.2	-0.3	168.0	174.1	175.3	175.2	-0.1
Trade, transportation, and utilities.....	106.3	107.1	107.6	107.3	-0.3	142.1	145.0	146.0	145.7	-0.2
Wholesale trade.....	106.9	107.7	108.0	107.8	-0.2	149.3	153.4	154.4	153.9	-0.3
Retail trade.....	101.1	102.0	102.1	101.8	-0.3	129.2	130.9	131.5	130.8	-0.5
Transportation and warehousing.....	123.2	123.7	123.7	123.6	-0.1	162.2	165.5	165.5	166.2	0.4
Utilities.....	97.6	98.2	99.0	98.5	-0.5	138.9	146.0	146.4	145.8	-0.4
Information.....	91.0	91.1	91.1	91.4	0.3	131.0	135.7	137.5	138.5	0.7
Financial activities.....	110.0	111.8	112.2	112.4	0.2	171.8	179.7	180.7	181.7	0.6
Professional and business services.....	128.8	130.9	131.9	131.4	-0.4	190.7	198.1	200.2	200.1	0.0
Education and health services.....	133.0	136.6	136.9	137.1	0.1	194.7	202.1	203.4	204.1	0.3
Leisure and hospitality.....	122.5	124.7	125.1	124.8	-0.2	173.2	181.8	183.4	183.0	-0.2
Other services.....	101.0	102.2	102.3	102.4	0.1	140.4	143.0	143.5	143.9	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 2015 benchmark levels and updated seasonal adjustment factors.