

# NEWS RELEASE

BUREAU OF LABOR STATISTICS  
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## THE EMPLOYMENT SITUATION — MAY 2018

Total **nonfarm payroll employment** increased by 223,000 in May, and the **unemployment rate** edged down to 3.8 percent, the U.S. Bureau of Labor Statistics reported today. Employment continued to trend up in several industries, including retail trade, health care, and construction.

Chart 1. Unemployment rate, seasonally adjusted,  
May 2016 – May 2018

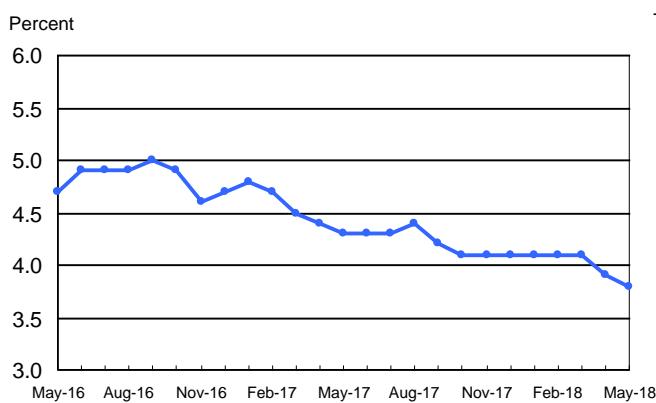
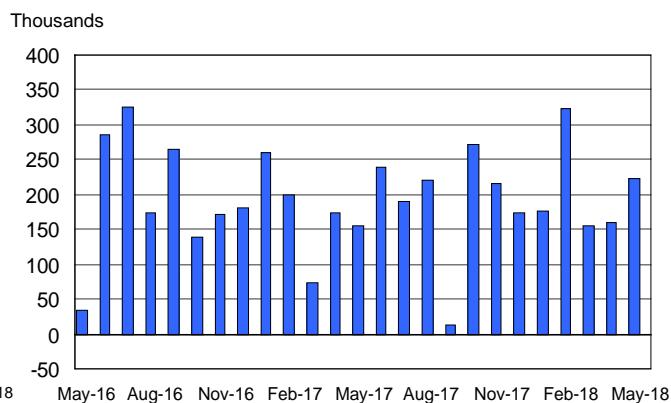


Chart 2. Nonfarm payroll employment over-the-month change,  
seasonally adjusted, May 2016 – May 2018



### Household Survey Data

The **unemployment rate** edged down to 3.8 percent in May, and the number of **unemployed persons** declined to 6.1 million. Over the year, the unemployment rate was down by 0.5 percentage point, and the number of unemployed persons declined by 772,000. (See table A-1.)

Among the **major worker groups**, the unemployment rates for adult men (3.5 percent), Blacks (5.9 percent), and Asians (2.1 percent) decreased in May. The jobless rates for adult women (3.3 percent), teenagers (12.8 percent), Whites (3.5 percent), and Hispanics (4.9 percent) changed little over the month. (See tables A-1, A-2, and A-3.)

The number of **long-term unemployed** (those jobless for 27 weeks or more) was little changed at 1.2 million in May and accounted for 19.4 percent of the unemployed. Over the past 12 months, the number of long-term unemployed has declined by 476,000. (See table A-12.)

Both the **labor force participation rate**, at 62.7 percent, and the **employment-population ratio**, at 60.4 percent, changed little in May. (See table A-1.)

The number of persons employed **part time for economic reasons** (sometimes referred to as involuntary part-time workers) was essentially unchanged at 4.9 million in May. These individuals, who would have preferred full-time employment, were working part time because their hours had been reduced or they were unable to find full-time jobs. (See table A-8.)

The number of persons **marginally attached to the labor force**, at 1.5 million in May, was little different from a year earlier. (The data are not seasonally adjusted.) These individuals were not in the labor force, wanted and were available for work, and had looked for a job sometime in the prior 12 months. They were not counted as unemployed because they had not searched for work in the 4 weeks preceding the survey. (See table A-16.)

Among the marginally attached, there were 378,000 **discouraged workers** in May, little changed 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 May had not searched for work for reasons such as school attendance or family responsibilities. (See table A-16.)

### **Establishment Survey Data**

Total **nonfarm payroll employment** increased by 223,000 in May, compared with an average monthly gain of 191,000 over the prior 12 months. Over the month, employment continued to trend up in several industries, including retail trade, health care, and construction. (See table B-1.)

In May, **retail trade** added 31,000 jobs, with gains occurring in general merchandise stores (+13,000) and in building material and garden supply stores (+6,000). Over the year, retail trade has added 125,000 jobs.

Employment in **health care** rose by 29,000 in May, about in line with the average monthly gain over the prior 12 months. Ambulatory health care services added 18,000 jobs over the month, and employment in hospitals continued to trend up (+6,000).

Employment in **construction** continued on an upward trend in May (+25,000) and has risen by 286,000 over the past 12 months. Within the industry, nonresidential specialty trade contractors added 15,000 jobs over the month.

Employment in **professional and technical services** continued to trend up in May (+23,000) and has risen by 206,000 over the year.

**Transportation and warehousing** added 19,000 jobs over the month and 156,000 over the year. In May, job gains occurred in warehousing and storage (+7,000) and in couriers and messengers (+5,000).

**Manufacturing** employment continued to expand over the month (+18,000). Durable goods accounted for most of the change, including an increase of 6,000 jobs in machinery. Manufacturing employment has risen by 259,000 over the year, with about three-fourths of the growth in durable goods industries.

**Mining** added 6,000 jobs in May. Since a recent low point in October 2016, employment in mining has grown by 91,000, with support activities for mining accounting for nearly all of the increase.

In May, employment changed little in other major industries, including **wholesale trade, information, financial activities, leisure and hospitality, and government**.

The **average workweek for all employees** on private nonfarm payrolls was unchanged at 34.5 hours in May. In manufacturing, the workweek decreased by 0.2 hour to 40.8 hours, and overtime edged down by 0.2 hour to 3.5 hours. The **average workweek for production and nonsupervisory employees** on private nonfarm payrolls remained at 33.8 hours. (See tables B-2 and B-7.)

In May, **average hourly earnings for all employees** on private nonfarm payrolls rose by 8 cents to \$26.92. Over the year, average hourly earnings have increased by 71 cents, or 2.7 percent. Average hourly earnings of private-sector **production and nonsupervisory employees** increased by 7 cents to \$22.59 in May. (See tables B-3 and B-8.)

The change in total nonfarm payroll employment for March was revised up from +135,000 to +155,000, and the change for April was revised down from +164,000 to +159,000. With these revisions, employment gains in March and April combined were 15,000 more than previously reported. (Monthly revisions result from additional reports received from businesses and government agencies since the last published estimates and from the recalculation of seasonal factors.) After revisions, job gains have averaged 179,000 over the last 3 months.

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**The Employment Situation for June is scheduled to be released on Friday, July 6, 2018, at 8:30 a.m. (EDT).**

## HOUSEHOLD DATA

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

[Numbers in thousands]

Category	May 2017	Mar. 2018	Apr. 2018	May 2018	Change from: Apr. 2018- May 2018
<b>Employment status</b>					
Civilian noninstitutional population.....	254,767	257,097	257,272	257,454	182
Civilian labor force.....	159,729	161,763	161,527	161,539	12
Participation rate.....	62.7	62.9	62.8	62.7	-0.1
Employed.....	152,892	155,178	155,181	155,474	293
Employment-population ratio.....	60.0	60.4	60.3	60.4	0.1
Unemployed.....	6,837	6,585	6,346	6,065	-281
Unemployment rate.....	4.3	4.1	3.9	3.8	-0.1
Not in labor force.....	95,038	95,335	95,745	95,915	170
<b>Unemployment rates</b>					
Total, 16 years and over.....	4.3	4.1	3.9	3.8	-0.1
Adult men (20 years and over).....	3.8	3.7	3.7	3.5	-0.2
Adult women (20 years and over).....	4.0	3.7	3.5	3.3	-0.2
Teenagers (16 to 19 years).....	14.1	13.5	12.9	12.8	-0.1
White.....	3.7	3.6	3.6	3.5	-0.1
Black or African American.....	7.6	6.9	6.6	5.9	-0.7
Asian.....	3.6	3.1	2.8	2.1	-0.7
Hispanic or Latino ethnicity.....	5.2	5.1	4.8	4.9	0.1
Total, 25 years and over.....	3.6	3.4	3.3	3.0	-0.3
Less than a high school diploma.....	6.2	5.5	5.9	5.4	-0.5
High school graduates, no college.....	4.7	4.3	4.3	3.9	-0.4
Some college or associate degree.....	4.0	3.6	3.5	3.2	-0.3
Bachelor's degree and higher.....	2.3	2.2	2.1	2.0	-0.1
<b>Reason for unemployment</b>					
Job losers and persons who completed temporary jobs.....	3,333	3,146	2,958	2,854	-104
Job leavers.....	798	864	815	852	37
Reentrants.....	2,100	1,967	2,009	1,882	-127
New entrants.....	658	625	623	571	-52
<b>Duration of unemployment</b>					
Less than 5 weeks.....	2,123	2,287	2,115	2,034	-81
5 to 14 weeks.....	1,958	2,009	2,017	1,945	-72
15 to 26 weeks.....	1,123	880	1,036	977	-59
27 weeks and over.....	1,665	1,322	1,293	1,189	-104
<b>Employed persons at work part time</b>					
Part time for economic reasons.....	5,268	5,019	4,985	4,948	-37
Slack work or business conditions.....	3,058	3,005	2,994	3,004	10
Could only find part-time work.....	1,764	1,625	1,586	1,480	-106
Part time for noneconomic reasons.....	21,018	21,399	21,258	21,095	-163
<b>Persons not in the labor force (not seasonally adjusted)</b>					
Marginally attached to the labor force.....	1,475	1,454	1,362	1,455	■
Discouraged workers.....	355	450	408	378	■

- 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	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>
<b>EMPLOYMENT BY SELECTED INDUSTRY (Over-the-month change, in thousands)</b>				
Total nonfarm.....	155	155	159	223
Total private.....	165	153	162	218
Goods-producing.....	15	26	53	47
Mining and logging.....	4	8	7	4
Construction.....	7	-3	21	25
Manufacturing.....	4	21	25	18
Durable goods <sup>1</sup> .....	5	19	19	15
Motor vehicles and parts.....	-1.2	-0.2	0.3	-4.4
Nondurable goods.....	-1	2	6	3
Private service-providing.....	150	127	109	171
Wholesale trade.....	-0.4	9.8	-11.4	4.2
Retail trade.....	-10.0	11.4	8.8	31.1
Transportation and warehousing.....	20.4	19.7	1.6	18.7
Utilities.....	-1.4	-0.5	1.4	-1.1
Information.....	-4	6	4	6
Financial activities.....	11	5	3	8
Professional and business services <sup>1</sup> .....	57	41	43	31
Temporary help services.....	17.2	-3.0	9.2	-7.8
Education and health services <sup>1</sup> .....	36	29	33	39
Health care and social assistance.....	24.8	34.5	29.1	31.7
Leisure and hospitality.....	26	2	12	21
Other services.....	16	3	14	13
Government.....	-10	2	-3	5
<b>(3-month average change, in thousands)</b>				
Total nonfarm.....	134	218	213	179
Total private.....	136	221	212	178
<b>WOMEN AND PRODUCTION AND NONSUPERVISORY EMPLOYEES AS A PERCENT OF ALL EMPLOYEES<sup>2</sup></b>				
Total nonfarm women employees.....	49.5	49.6	49.6	49.6
Total private women employees.....	48.1	48.2	48.2	48.2
Total private production and nonsupervisory employees.....	82.4	82.4	82.4	82.4
<b>HOURS AND EARNINGS ALL EMPLOYEES</b>				
<b>Total private</b>				
Average weekly hours.....	34.4	34.5	34.5	34.5
Average hourly earnings.....	\$26.21	\$26.80	\$26.84	\$26.92
Average weekly earnings.....	\$901.62	\$924.60	\$925.98	\$928.74
Index of aggregate weekly hours (2007=100) <sup>3</sup> .....	107.1	109.1	109.2	109.4
Over-the-month percent change.....	0.2	0.2	0.1	0.2
Index of aggregate weekly payrolls (2007=100) <sup>4</sup> .....	134.1	139.7	140.1	140.8
Over-the-month percent change.....	0.2	0.3	0.3	0.5
<b>DIFFUSION INDEX (Over 1-month span)<sup>5</sup></b>				
Total private (258 industries).....	56.8	65.3	64.0	67.6
Manufacturing (76 industries).....	44.7	64.5	61.8	63.8

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

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

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

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

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

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

# **Frequently Asked Questions about Employment and Unemployment Estimates**

## **1. Why are there two monthly measures of employment?**

The household survey and establishment survey both produce sample-based estimates of employment, and both have strengths and limitations. The establishment survey employment series has a smaller margin of error on the measurement of month-to-month change than the household survey because of its much larger sample size. An over-the-month employment change of about 100,000 is statistically significant in the establishment survey, while the threshold for a statistically significant change in the household survey is about 500,000. However, the household survey has a more expansive scope than the establishment survey because it includes self-employed workers whose businesses are unincorporated, unpaid family workers, agricultural workers, and private household workers, who are excluded by the establishment survey. The household survey also provides estimates of employment for demographic groups. For more information on the differences between the two surveys, please visit [https://www.bls.gov/web/empsit/ces\\_cps\\_trends.htm](https://www.bls.gov/web/empsit/ces_cps_trends.htm).

## **2. Are undocumented immigrants counted in the surveys?**

It is likely that both surveys include at least some undocumented immigrants. However, neither the establishment nor the household survey is designed to identify the legal status of workers. Therefore, it is not possible to determine how many are counted in either survey. The establishment survey does not collect data on the legal status of workers. The household survey does include questions which identify the foreign and native born, but it does not include questions about the legal status of the foreign born. Data on the foreign and native born are published each month in table A-7 of The Employment Situation news release.

## **3. Why does the establishment survey have revisions?**

The establishment survey revises published estimates to improve its data series by incorporating additional information that was not available at the time of the initial publication of the estimates. The establishment survey revises its initial monthly estimates twice, in the immediately succeeding 2 months, to incorporate additional sample receipts from respondents in the survey and recalculated seasonal adjustment factors. For more information on the monthly revisions, please visit <https://www.bls.gov/ces/cesrevinfo.htm>.

On an annual basis, the establishment survey incorporates a benchmark revision that re-anchors estimates to nearly complete employment counts available from unemployment insurance tax records. The benchmark helps to control for sampling and modeling errors in the estimates. For more information on the annual benchmark revision, please visit <https://www.bls.gov/web/empsit/cesbmart.htm>.

## **4. Does the establishment survey sample include small firms?**

Yes; about 40 percent of the establishment survey sample is comprised of business establishments with fewer than 20 employees. The establishment survey sample is designed to maximize the reliability of the statewide total nonfarm employment estimate; firms from all states, size classes, and industries are appropriately sampled to achieve that goal.

## **5. Does the establishment survey account for employment from new businesses?**

Yes; monthly establishment survey estimates include an adjustment to account for the net employment change generated by business births and deaths. The adjustment comes from an econometric model that forecasts the monthly net jobs impact of business births and deaths based on the actual past values of the net impact that can be observed with a lag from the Quarterly Census of Employment and Wages. The establishment survey uses modeling rather than sampling for this purpose because the survey is not immediately able to bring new businesses into the sample. There is an unavoidable lag between the birth of a new firm and its appearance on the sampling frame and availability for selection. BLS adds new businesses to the survey twice a year.

## **6. Is the count of unemployed persons limited to just those people receiving unemployment insurance benefits?**

No; the estimate of unemployment is based on a monthly sample survey of households. All persons who are without jobs and are actively seeking and available to work are included among the unemployed. (People on temporary layoff are included even if they do not actively seek work.) There is no requirement or question relating to unemployment insurance benefits in the monthly survey.

## **7. Does the official unemployment rate exclude people who want a job but are not currently looking for work?**

Yes; however, there are separate estimates of persons outside the labor force who want a job, including those who are not currently looking because they believe no jobs are available (discouraged workers). In addition, alternative measures of labor underutilization (some of which include discouraged workers and other groups not officially counted as unemployed) are published each month in table A-15 of The Employment Situation news release. For more information about these alternative measures, please visit <https://www.bls.gov/cps/lfcharacteristics.htm#altmeasures>.

## **8. How can unusually severe weather affect employment and hours estimates?**

In the establishment survey, the reference period is the pay period that includes the 12th of the month. Unusually severe weather is more likely to have an impact on average weekly hours than on employment. Average weekly hours are estimated for paid time during the pay period, including pay for holidays, sick leave, or other time off. The impact of severe weather on hours estimates typically, but not always, results in a reduction in average weekly hours. For example, some employees may be off work for part of the pay period and not receive pay for the time missed, while some workers, such as those dealing with cleanup or repair, may work extra hours.

Typically, it is not possible to precisely quantify the effect of extreme weather on payroll employment estimates. In order for severe weather conditions to reduce employment estimates, employees have to be off work without pay for the entire pay period. Employees who receive pay for any part of the pay period, even 1 hour, are counted in the payroll employment figures. For more information on how often employees are paid, please visit [https://www.bls.gov/opub\(btn/volume-3/how-frequently-do-private-businesses-pay-workers.htm](https://www.bls.gov/opub(btn/volume-3/how-frequently-do-private-businesses-pay-workers.htm).

In the household survey, the reference period is generally the calendar week that includes the 12th of the month. Persons who miss the entire week's work for weather-related events are counted as employed whether or not they are paid for the time off. The household survey collects data on the number of persons who had a job but were not at work due to bad weather. It also provides a measure of the number of persons who usually work full time but had reduced hours due to bad weather. Current and historical data are available on the household survey's most requested statistics page, please visit <https://data.bls.gov/cgi-bin/surveymost?ln>.

# Technical Note

This news release presents statistics from two major surveys, the Current Population Survey (CPS; household survey) and the Current Employment Statistics survey (CES; establishment survey). The household survey provides information on the labor force, employment, and unemployment that appears in the "A" tables, marked HOUSEHOLD DATA. It is a sample survey of about 60,000 eligible households conducted by the U.S. Census Bureau for the U.S. Bureau of Labor Statistics (BLS).

The establishment survey provides information on employment, hours, and earnings of employees on nonfarm payrolls; the data appear in the "B" tables, marked ESTABLISHMENT DATA. BLS collects these data each month from the payroll records of a sample of nonagricultural business establishments. Each month the CES program surveys about 149,000 businesses and government agencies, representing approximately 651,000 individual worksites, in order to provide detailed industry data on employment, hours, and earnings of workers on nonfarm payrolls. The active sample includes approximately one-third of all nonfarm payroll employees.

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

## Coverage, definitions, and differences between surveys

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

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

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

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

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

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

Industries are classified on the basis of an establishment's principal activity in accordance with the 2017 version of the North American Industry Classification System. Additional information about the establishment survey can be found at <https://www.bls.gov/ces/>.

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

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

## **Seasonal adjustment**

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

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

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

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

## **Reliability of the estimates**

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

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

For example, the confidence interval for the monthly change in total nonfarm employment from the establishment survey is on the order of plus or minus 115,000. Suppose the estimate of nonfarm employment increases by 50,000 from one month to the next. The 90-percent confidence interval on the monthly change would range from -65,000 to +165,000 ( $50,000 \pm 115,000$ ). 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  $\pm 300,000$ , and for the monthly change in the unemployment rate it is about  $\pm 0.2$  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>					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
<b>TOTAL</b>									
Civilian noninstitutional population.....	254,767	257,272	257,454	254,767	256,780	256,934	257,097	257,272	257,454
Civilian labor force.....	159,979	161,280	161,765	159,729	161,115	161,921	161,763	161,527	161,539
Participation rate.....	62.8	62.7	62.8	62.7	62.7	63.0	62.9	62.8	62.7
Employed.....	153,407	155,348	156,009	152,892	154,430	155,215	155,178	155,181	155,474
Employment-population ratio.....	60.2	60.4	60.6	60.0	60.1	60.4	60.4	60.3	60.4
Unemployed.....	6,572	5,932	5,756	6,837	6,684	6,706	6,585	6,346	6,065
Unemployment rate.....	4.1	3.7	3.6	4.3	4.1	4.1	4.1	3.9	3.8
Not in labor force.....	94,788	95,992	95,689	95,038	95,665	95,012	95,335	95,745	95,915
Persons who currently want a job.....	5,976	5,010	5,696	5,475	5,171	5,131	5,096	5,115	5,183
<b>Men, 16 years and over</b>									
Civilian noninstitutional population.....	123,120	124,418	124,509	123,120	124,173	124,250	124,331	124,418	124,509
Civilian labor force.....	85,007	85,965	86,309	84,852	85,931	86,267	86,169	86,152	86,157
Participation rate.....	69.0	69.1	69.3	68.9	69.2	69.4	69.3	69.2	69.2
Employed.....	81,572	82,610	83,103	81,272	82,274	82,685	82,630	82,611	82,784
Employment-population ratio.....	66.3	66.4	66.7	66.0	66.3	66.5	66.5	66.4	66.5
Unemployed.....	3,436	3,355	3,206	3,581	3,658	3,582	3,539	3,541	3,373
Unemployment rate.....	4.0	3.9	3.7	4.2	4.3	4.2	4.1	4.1	3.9
Not in labor force.....	38,113	38,453	38,201	38,268	38,242	37,983	38,162	38,266	38,352
<b>Men, 20 years and over</b>									
Civilian noninstitutional population.....	114,627	115,921	116,017	114,627	115,669	115,748	115,832	115,921	116,017
Civilian labor force.....	82,130	83,225	83,458	81,915	82,928	83,309	83,200	83,199	83,234
Participation rate.....	71.6	71.8	71.9	71.5	71.7	72.0	71.8	71.8	71.7
Employed.....	79,126	80,242	80,698	78,794	79,705	80,213	80,113	80,111	80,329
Employment-population ratio.....	69.0	69.2	69.6	68.7	68.9	69.3	69.2	69.1	69.2
Unemployed.....	3,004	2,983	2,761	3,120	3,223	3,096	3,087	3,088	2,905
Unemployment rate.....	3.7	3.6	3.3	3.8	3.9	3.7	3.7	3.7	3.5
Not in labor force.....	32,497	32,697	32,559	32,712	32,741	32,440	32,632	32,723	32,783
<b>Women, 16 years and over</b>									
Civilian noninstitutional population.....	131,647	132,853	132,944	131,647	132,607	132,684	132,766	132,853	132,944
Civilian labor force.....	74,972	75,314	75,456	74,877	75,183	75,654	75,594	75,375	75,382
Participation rate.....	56.9	56.7	56.8	56.9	56.7	57.0	56.9	56.7	56.7
Employed.....	71,835	72,738	72,907	71,620	72,157	72,530	72,548	72,569	72,690
Employment-population ratio.....	54.6	54.8	54.8	54.4	54.4	54.7	54.6	54.6	54.7
Unemployed.....	3,136	2,576	2,549	3,257	3,027	3,124	3,046	2,805	2,692
Unemployment rate.....	4.2	3.4	3.4	4.3	4.0	4.1	4.0	3.7	3.6
Not in labor force.....	56,675	57,539	57,488	56,770	57,423	57,030	57,172	57,479	57,562
<b>Women, 20 years and over</b>									
Civilian noninstitutional population.....	123,386	124,579	124,674	123,386	124,328	124,407	124,491	124,579	124,674
Civilian labor force.....	72,085	72,573	72,599	71,979	72,210	72,565	72,610	72,498	72,493
Participation rate.....	58.4	58.3	58.2	58.3	58.1	58.3	58.3	58.2	58.1
Employed.....	69,340	70,266	70,341	69,087	69,583	69,828	69,916	69,992	70,077
Employment-population ratio.....	56.2	56.4	56.4	56.0	56.0	56.1	56.2	56.2	56.2
Unemployed.....	2,745	2,307	2,258	2,892	2,627	2,737	2,695	2,506	2,415
Unemployment rate.....	3.8	3.2	3.1	4.0	3.6	3.8	3.7	3.5	3.3
Not in labor force.....	51,300	52,006	52,075	51,407	52,118	51,842	51,880	52,081	52,181
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population.....	16,754	16,771	16,763	16,754	16,783	16,778	16,774	16,771	16,763
Civilian labor force.....	5,764	5,482	5,707	5,836	5,977	6,048	5,952	5,831	5,812
Participation rate.....	34.4	32.7	34.0	34.8	35.6	36.0	35.5	34.8	34.7
Employed.....	4,941	4,840	4,970	5,010	5,143	5,174	5,149	5,078	5,068
Employment-population ratio.....	29.5	28.9	29.7	29.9	30.6	30.8	30.7	30.3	30.2
Unemployed.....	823	642	737	825	834	874	803	752	745
Unemployment rate.....	14.3	11.7	12.9	14.1	13.9	14.4	13.5	12.9	12.8
Not in labor force.....	10,991	11,290	11,056	10,919	10,806	10,731	10,822	10,941	10,951

<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>					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
<b>WHITE</b>									
Civilian noninstitutional population.....	198,775	199,950	200,039	198,775	199,738	199,799	199,871	199,950	200,039
Civilian labor force.....	124,722	125,488	125,848	124,529	125,334	125,930	125,714	125,731	125,688
Participation rate.....	62.7	62.8	62.9	62.6	62.7	63.0	62.9	62.9	62.8
Employed.....	120,375	121,358	121,788	119,895	120,886	121,274	121,236	121,233	121,303
Employment-population ratio.....	60.6	60.7	60.9	60.3	60.5	60.7	60.7	60.6	60.6
Unemployed.....	4,346	4,130	4,060	4,634	4,447	4,656	4,478	4,498	4,385
Unemployment rate.....	3.5	3.3	3.2	3.7	3.5	3.7	3.6	3.6	3.5
Not in labor force.....	74,053	74,462	74,191	74,246	74,405	73,869	74,157	74,219	74,350
Men, 20 years and over									
Civilian labor force.....	65,380	65,988	66,049	65,216	65,732	65,948	65,928	65,982	65,890
Participation rate.....	72.0	72.1	72.1	71.8	71.9	72.1	72.1	72.1	72.0
Employed.....	63,293	63,848	64,113	62,983	63,510	63,683	63,734	63,746	63,785
Employment-population ratio.....	69.7	69.8	70.0	69.3	69.5	69.6	69.7	69.7	69.7
Unemployed.....	2,087	2,140	1,936	2,233	2,222	2,265	2,194	2,235	2,106
Unemployment rate.....	3.2	3.2	2.9	3.4	3.4	3.4	3.3	3.4	3.2
Women, 20 years and over									
Civilian labor force.....	54,933	55,210	55,277	54,834	54,896	55,243	55,176	55,179	55,197
Participation rate.....	57.5	57.4	57.5	57.4	57.2	57.5	57.4	57.4	57.4
Employed.....	53,169	53,641	53,681	52,930	53,255	53,448	53,385	53,429	53,450
Employment-population ratio.....	55.6	55.8	55.8	55.4	55.5	55.7	55.6	55.6	55.6
Unemployed.....	1,764	1,568	1,595	1,904	1,641	1,795	1,791	1,750	1,747
Unemployment rate.....	3.2	2.8	2.9	3.5	3.0	3.3	3.2	3.2	3.2
Both sexes, 16 to 19 years									
Civilian labor force.....	4,408	4,290	4,522	4,478	4,705	4,738	4,610	4,570	4,601
Participation rate.....	35.7	34.8	36.7	36.3	38.1	38.4	37.4	37.1	37.3
Employed.....	3,914	3,868	3,994	3,981	4,121	4,143	4,117	4,057	4,068
Employment-population ratio.....	31.7	31.4	32.4	32.3	33.4	33.6	33.4	32.9	33.0
Unemployed.....	495	421	528	497	584	595	492	512	533
Unemployment rate.....	11.2	9.8	11.7	11.1	12.4	12.6	10.7	11.2	11.6
<b>BLACK OR AFRICAN AMERICAN</b>									
Civilian noninstitutional population.....	32,193	32,672	32,704	32,193	32,575	32,607	32,638	32,672	32,704
Civilian labor force.....	20,082	20,172	20,292	20,088	20,211	20,495	20,466	20,220	20,296
Participation rate.....	62.4	61.7	62.0	62.4	62.0	62.9	62.7	61.9	62.1
Employed.....	18,593	18,953	19,145	18,560	18,663	19,087	19,051	18,892	19,092
Employment-population ratio.....	57.8	58.0	58.5	57.7	57.3	58.5	58.4	57.8	58.4
Unemployed.....	1,489	1,219	1,147	1,528	1,548	1,408	1,415	1,328	1,204
Unemployment rate.....	7.4	6.0	5.7	7.6	7.7	6.9	6.9	6.6	5.9
Not in labor force.....	12,111	12,500	12,412	12,105	12,364	12,112	12,172	12,452	12,408
Men, 20 years and over									
Civilian labor force.....	9,103	9,248	9,407	9,093	9,254	9,438	9,314	9,257	9,382
Participation rate.....	67.8	67.6	68.7	67.7	67.9	69.2	68.2	67.7	68.5
Employed.....	8,511	8,681	8,840	8,477	8,564	8,880	8,749	8,663	8,792
Employment-population ratio.....	63.3	63.5	64.6	63.1	62.9	65.1	64.1	63.3	64.2
Unemployed.....	593	567	567	616	690	558	564	594	590
Unemployment rate.....	6.5	6.1	6.0	6.8	7.5	5.9	6.1	6.4	6.3
Women, 20 years and over									
Civilian labor force.....	10,178	10,239	10,207	10,207	10,197	10,254	10,337	10,229	10,233
Participation rate.....	62.7	62.1	61.8	62.8	62.0	62.3	62.7	62.0	62.0
Employed.....	9,497	9,764	9,757	9,504	9,524	9,622	9,713	9,707	9,754
Employment-population ratio.....	58.5	59.2	59.1	58.5	57.9	58.5	59.0	58.9	59.1
Unemployed.....	681	475	450	703	673	632	624	522	479
Unemployment rate.....	6.7	4.6	4.4	6.9	6.6	6.2	6.0	5.1	4.7
Both sexes, 16 to 19 years									
Civilian labor force.....	801	685	678	788	759	803	816	734	681
Participation rate.....	31.9	27.4	27.1	31.4	30.3	32.0	32.6	29.3	27.3
Employed.....	586	508	548	579	575	584	588	521	547
Employment-population ratio.....	23.3	20.3	21.9	23.1	22.9	23.3	23.5	20.8	21.9
Unemployed.....	215	177	130	209	185	219	227	213	135
Unemployment rate.....	26.8	25.8	19.2	26.5	24.3	27.2	27.9	29.0	19.8

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>					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
<b>ASIAN</b>									
Civilian noninstitutional population.....	15,433	15,933	15,874	15,433	15,731	15,792	15,983	15,933	15,874
Civilian labor force.....	9,818	10,034	9,932	9,817	9,885	9,908	10,092	10,034	9,932
Participation rate.....	63.6	63.0	62.6	63.6	62.8	62.7	63.1	63.0	62.6
Employed.....	9,479	9,765	9,732	9,466	9,584	9,617	9,780	9,755	9,720
Employment-population ratio.....	61.4	61.3	61.3	61.3	60.9	60.9	61.2	61.2	61.2
Unemployed.....	339	269	201	351	300	291	313	280	212
Unemployment rate.....	3.5	2.7	2.0	3.6	3.0	2.9	3.1	2.8	2.1
Not in labor force.....	5,615	5,898	5,941	5,616	5,846	5,884	5,891	5,898	5,942

<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>					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
<b>HISPANIC OR LATINO ETHNICITY</b>									
Civilian noninstitutional population.....	41,241	42,507	42,592	41,241	42,249	42,335	42,419	42,507	42,592
Civilian labor force.....	27,218	28,193	28,209	27,230	27,826	28,021	27,922	28,229	28,205
Participation rate.....	66.0	66.3	66.2	66.0	65.9	66.2	65.8	66.4	66.2
Employed.....	25,939	26,970	26,954	25,827	26,432	26,646	26,500	26,860	26,827
Employment-population ratio.....	62.9	63.4	63.3	62.6	62.6	62.9	62.5	63.2	63.0
Unemployed.....	1,279	1,223	1,255	1,403	1,393	1,375	1,421	1,368	1,378
Unemployment rate.....	4.7	4.3	4.4	5.2	5.0	4.9	5.1	4.8	4.9
Not in labor force.....	14,024	14,314	14,383	14,011	14,423	14,315	14,497	14,278	14,387
<b>Men, 20 years and over</b>									
Civilian labor force.....	14,932	15,517	15,444	14,934	15,320	15,319	15,370	15,535	15,444
Participation rate.....	80.4	80.9	80.3	80.4	80.4	80.2	80.3	81.0	80.3
Employed.....	14,357	14,949	14,903	14,302	14,659	14,723	14,688	14,901	14,845
Employment-population ratio.....	77.3	77.9	77.5	77.0	76.9	77.1	76.7	77.7	77.2
Unemployed.....	575	568	541	632	661	595	682	635	599
Unemployment rate.....	3.9	3.7	3.5	4.2	4.3	3.9	4.4	4.1	3.9
<b>Women, 20 years and over</b>									
Civilian labor force.....	11,066	11,437	11,535	11,054	11,257	11,410	11,230	11,398	11,507
Participation rate.....	58.7	59.0	59.3	58.7	58.4	59.1	58.0	58.8	59.2
Employed.....	10,512	10,929	10,990	10,454	10,737	10,815	10,677	10,856	10,917
Employment-population ratio.....	55.8	56.3	56.5	55.5	55.7	56.0	55.2	56.0	56.2
Unemployed.....	554	508	545	600	520	595	553	541	590
Unemployment rate.....	5.0	4.4	4.7	5.4	4.6	5.2	4.9	4.7	5.1
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	1,220	1,239	1,231	1,242	1,249	1,292	1,321	1,296	1,254
Participation rate.....	31.8	31.6	31.3	32.4	32.0	33.0	33.7	33.0	31.9
Employed.....	1,070	1,091	1,061	1,071	1,036	1,108	1,135	1,103	1,065
Employment-population ratio.....	27.9	27.8	27.0	27.9	26.5	28.3	29.0	28.1	27.1
Unemployed.....	150	148	169	172	213	184	186	192	189
Unemployment rate.....	12.3	11.9	13.7	13.8	17.0	14.2	14.1	14.8	15.1

<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					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
<b>Less than a high school diploma</b>									
Civilian labor force.....	10,620	10,438	10,519	10,327	10,274	10,258	10,234	10,285	10,242
Participation rate.....	46.5	46.6	46.4	45.2	44.8	46.8	45.7	45.9	45.2
Employed.....	10,038	9,836	10,035	9,684	9,715	9,673	9,666	9,683	9,688
Employment-population ratio.....	43.9	43.9	44.2	42.4	42.3	44.1	43.2	43.3	42.7
Unemployed.....	582	603	484	643	559	584	568	602	554
Unemployment rate.....	5.5	5.8	4.6	6.2	5.4	5.7	5.5	5.9	5.4
<b>High school graduates, no college<sup>1</sup></b>									
Civilian labor force.....	36,127	35,538	35,886	35,982	35,735	36,092	35,863	35,468	35,702
Participation rate.....	57.9	57.0	57.5	57.7	57.5	57.5	57.1	56.9	57.2
Employed.....	34,535	34,086	34,585	34,296	34,134	34,487	34,305	33,940	34,306
Employment-population ratio.....	55.4	54.7	55.4	55.0	54.9	55.0	54.6	54.5	54.9
Unemployed.....	1,592	1,451	1,301	1,685	1,601	1,604	1,559	1,528	1,395
Unemployment rate.....	4.4	4.1	3.6	4.7	4.5	4.4	4.3	4.3	3.9
<b>Some college or associate degree</b>									
Civilian labor force.....	37,187	38,056	37,732	37,425	37,863	37,573	37,589	37,944	37,921
Participation rate.....	65.4	65.6	65.4	65.9	66.0	65.5	65.6	65.5	65.7
Employed.....	35,786	36,818	36,596	35,929	36,566	36,248	36,241	36,629	36,694
Employment-population ratio.....	63.0	63.5	63.4	63.2	63.7	63.2	63.2	63.2	63.6
Unemployed.....	1,401	1,238	1,135	1,496	1,297	1,325	1,348	1,315	1,228
Unemployment rate.....	3.8	3.3	3.0	4.0	3.4	3.5	3.6	3.5	3.2
<b>Bachelor's degree and higher<sup>2</sup></b>									
Civilian labor force.....	55,146	56,823	56,850	55,089	55,922	56,669	56,785	56,794	56,739
Participation rate.....	74.0	74.2	74.2	73.9	73.4	73.7	74.2	74.2	74.1
Employed.....	53,978	55,735	55,809	53,812	54,720	55,386	55,534	55,616	55,593
Employment-population ratio.....	72.4	72.8	72.8	72.2	71.8	72.0	72.6	72.6	72.6
Unemployed.....	1,168	1,088	1,040	1,277	1,202	1,283	1,252	1,178	1,147
Unemployment rate.....	2.1	1.9	1.8	2.3	2.1	2.3	2.2	2.1	2.0

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

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

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

## HOUSEHOLD DATA

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

[Numbers in thousands]

Employment status, veteran status, and period of service	Total		Men		Women	
	May 2017	May 2018	May 2017	May 2018	May 2017	May 2018
<b>VETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	20,593	19,247	18,565	17,384	2,028	1,863
Civilian labor force.....	10,036	9,388	8,868	8,291	1,169	1,097
Participation rate.....	48.7	48.8	47.8	47.7	57.6	58.9
Employed.....	9,697	9,065	8,573	7,997	1,123	1,068
Employment-population ratio.....	47.1	47.1	46.2	46.0	55.4	57.3
Unemployed.....	340	323	294	294	45	29
Unemployment rate.....	3.4	3.4	3.3	3.5	3.9	2.7
Not in labor force.....	10,557	9,859	9,697	9,093	859	766
<b>Gulf War-era II veterans</b>						
Civilian noninstitutional population.....	4,156	4,143	3,397	3,448	759	695
Civilian labor force.....	3,300	3,296	2,760	2,799	540	497
Participation rate.....	79.4	79.5	81.3	81.2	71.1	71.4
Employed.....	3,149	3,158	2,628	2,686	521	472
Employment-population ratio.....	75.8	76.2	77.4	77.9	68.6	67.9
Unemployed.....	151	138	132	113	19	25
Unemployment rate.....	4.6	4.2	4.8	4.0	3.5	5.0
Not in labor force.....	856	847	637	649	220	199
<b>Gulf War-era I veterans</b>						
Civilian noninstitutional population.....	3,279	3,074	2,811	2,579	468	495
Civilian labor force.....	2,560	2,369	2,218	2,026	343	343
Participation rate.....	78.1	77.1	78.9	78.6	73.2	69.2
Employed.....	2,494	2,325	2,171	1,983	323	341
Employment-population ratio.....	76.1	75.6	77.2	76.9	69.0	69.0
Unemployed.....	66	44	46	43	20	1
Unemployment rate.....	2.6	1.9	2.1	2.1	5.8	0.3
Not in labor force.....	719	705	594	553	125	152
<b>World War II, Korean War, and Vietnam-era veterans</b>						
Civilian noninstitutional population.....	8,106	7,679	7,813	7,418	293	261
Civilian labor force.....	1,828	1,609	1,783	1,556	45	53
Participation rate.....	22.5	20.9	22.8	21.0	15.3	20.2
Employed.....	1,766	1,540	1,721	1,488	45	53
Employment-population ratio.....	21.8	20.1	22.0	20.1	15.3	20.2
Unemployed.....	62	68	62	68	0	0
Unemployment rate.....	3.4	4.3	3.5	4.4	■	■
Not in labor force.....	6,278	6,070	6,030	5,862	248	208
<b>Veterans of other service periods</b>						
Civilian noninstitutional population.....	5,052	4,351	4,544	3,939	508	412
Civilian labor force.....	2,349	2,115	2,107	1,909	242	205
Participation rate.....	46.5	48.6	46.4	48.5	47.6	49.9
Employed.....	2,288	2,042	2,053	1,840	235	202
Employment-population ratio.....	45.3	46.9	45.2	46.7	46.3	49.0
Unemployed.....	61	73	54	69	7	4
Unemployment rate.....	2.6	3.5	2.6	3.6	2.7	1.8
Not in labor force.....	2,703	2,236	2,437	2,030	266	207
<b>NONVETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	225,332	229,354	100,141	102,624	125,191	126,731
Civilian labor force.....	147,854	150,404	75,159	77,026	72,695	73,378
Participation rate.....	65.6	65.6	75.1	75.1	58.1	57.9
Employed.....	141,908	145,268	72,152	74,297	69,755	70,972
Employment-population ratio.....	63.0	63.3	72.1	72.4	55.7	56.0
Unemployed.....	5,946	5,136	3,007	2,730	2,939	2,406
Unemployment rate.....	4.0	3.4	4.0	3.5	4.0	3.3
Not in labor force.....	77,478	78,950	24,982	25,597	52,496	53,353

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

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

[Numbers in thousands]

Employment status, sex, and age	Persons with a disability		Persons with no disability	
	May 2017	May 2018	May 2017	May 2018
<b>TOTAL, 16 years and over</b>				
Civilian noninstitutional population.....	30,732	30,424	224,035	227,030
Civilian labor force.....	6,326	6,128	153,653	155,637
Participation rate.....	20.6	20.1	68.6	68.6
Employed.....	5,722	5,697	147,685	150,313
Employment-population ratio.....	18.6	18.7	65.9	66.2
Unemployed.....	604	431	5,968	5,324
Unemployment rate.....	9.5	7.0	3.9	3.4
Not in labor force.....	24,406	24,296	70,382	71,393
<b>Men, 16 to 64 years</b>				
Civilian labor force.....	2,722	2,584	76,969	78,114
Participation rate.....	34.4	34.5	82.6	83.0
Employed.....	2,457	2,362	73,958	75,311
Employment-population ratio.....	31.0	31.6	79.4	80.0
Unemployed.....	265	222	3,011	2,803
Unemployment rate.....	9.7	8.6	3.9	3.6
Not in labor force.....	5,194	4,900	16,160	16,035
<b>Women, 16 to 64 years</b>				
Civilian labor force.....	2,565	2,396	68,046	68,564
Participation rate.....	31.0	30.0	70.8	70.8
Employed.....	2,279	2,225	65,362	66,301
Employment-population ratio.....	27.5	27.9	68.0	68.5
Unemployed.....	286	170	2,684	2,263
Unemployment rate.....	11.2	7.1	3.9	3.3
Not in labor force.....	5,716	5,578	28,042	28,239
<b>Both sexes, 65 years and over</b>				
Civilian labor force.....	1,039	1,148	8,637	8,960
Participation rate.....	7.2	7.7	24.8	24.8
Employed.....	986	1,110	8,364	8,701
Employment-population ratio.....	6.8	7.4	24.0	24.1
Unemployed.....	53	39	273	259
Unemployment rate.....	5.1	3.4	3.2	2.9
Not in labor force.....	13,495	13,818	26,181	27,120

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	
	May 2017	May 2018	May 2017	May 2018	May 2017	May 2018
<b>Foreign born, 16 years and over</b>						
Civilian noninstitutional population.....	41,390	42,732	20,132	20,682	21,259	22,050
Civilian labor force.....	27,315	27,923	15,737	16,088	11,578	11,835
Participation rate.....	66.0	65.3	78.2	77.8	54.5	53.7
Employed.....	26,290	27,086	15,258	15,674	11,031	11,412
Employment-population ratio.....	63.5	63.4	75.8	75.8	51.9	51.8
Unemployed.....	1,025	837	479	414	547	423
Unemployment rate.....	3.8	3.0	3.0	2.6	4.7	3.6
Not in labor force.....	14,075	14,809	4,395	4,594	9,680	10,215
<b>Native born, 16 years and over</b>						
Civilian noninstitutional population.....	213,377	214,722	102,989	103,827	110,388	110,895
Civilian labor force.....	132,664	133,842	69,271	70,221	63,393	63,621
Participation rate.....	62.2	62.3	67.3	67.6	57.4	57.4
Employed.....	127,117	128,924	66,314	67,428	60,804	61,495
Employment-population ratio.....	59.6	60.0	64.4	64.9	55.1	55.5
Unemployed.....	5,547	4,919	2,957	2,792	2,590	2,126
Unemployment rate.....	4.2	3.7	4.3	4.0	4.1	3.3
Not in labor force.....	80,713	80,880	33,718	33,606	46,995	47,273

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					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
<b>CLASS OF WORKER</b>									
Agriculture and related industries.....	2,564	2,230	2,412	2,478	2,513	2,474	2,314	2,294	2,345
Wage and salary workers <sup>1</sup> .....	1,676	1,438	1,604	1,637	1,712	1,679	1,495	1,517	1,573
Self-employed workers, unincorporated.....	865	759	776	822	781	768	803	745	742
Unpaid family workers.....	23	33	32						
Nonagricultural industries.....	150,843	153,119	153,598	150,516	151,894	152,713	152,747	152,889	153,211
Wage and salary workers <sup>1</sup> .....	142,130	144,009	144,424	141,928	142,828	143,656	143,688	143,785	144,124
Government.....	21,015	21,453	21,253	20,800	20,815	20,986	20,957	21,222	21,045
Private industries.....	121,115	122,556	123,170	121,101	122,022	122,693	122,761	122,616	123,090
Private households.....	655	780	773						
Other industries.....	120,460	121,776	122,398	120,440	121,349	121,957	121,977	121,858	122,319
Self-employed workers, unincorporated.....	8,660	9,039	9,112	8,589	8,991	8,944	8,990	8,995	9,013
Unpaid family workers.....	53	70	61						
<b>PERSONS AT WORK PART TIME<sup>2</sup></b>									
<b>All industries</b>									
Part time for economic reasons <sup>3</sup> .....	5,038	4,734	4,739	5,268	4,989	5,160	5,019	4,985	4,948
Slack work or business conditions.....	2,921	2,867	2,875	3,058	3,009	3,302	3,005	2,994	3,004
Could only find part-time work.....	1,860	1,573	1,542	1,764	1,663	1,541	1,625	1,586	1,480
Part time for noneconomic reasons <sup>4</sup> .....	21,373	22,132	21,433	21,018	20,867	21,061	21,399	21,258	21,095
<b>Nonagricultural industries</b>									
Part time for economic reasons <sup>3</sup> .....	4,994	4,631	4,677	5,202	4,926	5,091	4,944	4,898	4,872
Slack work or business conditions.....	2,900	2,799	2,831	3,017	2,965	3,258	2,940	2,923	2,948
Could only find part-time work.....	1,853	1,559	1,529	1,754	1,659	1,533	1,619	1,575	1,464
Part time for noneconomic reasons <sup>4</sup> .....	21,060	21,763	21,074	20,703	20,434	20,641	20,999	20,891	20,766

<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					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
<b>AGE AND SEX</b>									
Total, 16 years and over.....	153,407	155,348	156,009	152,892	154,430	155,215	155,178	155,181	155,474
16 to 19 years.....	4,941	4,840	4,970	5,010	5,143	5,174	5,149	5,078	5,068
16 to 17 years.....	1,802	1,642	1,676	1,885	1,915	1,915	1,892	1,838	1,771
18 to 19 years.....	3,138	3,198	3,294	3,145	3,221	3,293	3,261	3,257	3,285
20 years and over.....	148,466	150,508	151,039	147,882	149,287	150,041	150,028	150,102	150,406
20 to 24 years.....	14,130	14,034	14,014	14,183	14,153	14,213	14,334	14,172	14,069
25 years and over.....	134,337	136,475	137,025	133,714	135,129	135,856	135,779	135,906	136,373
25 to 54 years.....	98,867	100,206	100,445	98,523	99,674	100,120	100,051	99,965	100,105
25 to 34 years.....	34,291	35,157	35,353	34,180	34,768	34,975	35,106	35,083	35,221
35 to 44 years.....	31,929	32,670	32,596	31,821	32,380	32,503	32,462	32,614	32,492
45 to 54 years.....	32,647	32,379	32,496	32,522	32,526	32,642	32,484	32,268	32,392
55 years and over.....	35,469	36,269	36,580	35,191	35,455	35,735	35,728	35,941	36,268
Men, 16 years and over.....	81,572	82,610	83,103	81,272	82,274	82,685	82,630	82,611	82,784
16 to 19 years.....	2,446	2,368	2,405	2,477	2,569	2,472	2,517	2,500	2,455
16 to 17 years.....	846	774	809	881	920	872	891	858	849
18 to 19 years.....	1,600	1,594	1,596	1,613	1,638	1,617	1,639	1,651	1,610
20 years and over.....	79,126	80,242	80,698	78,794	79,705	80,213	80,113	80,111	80,329
20 to 24 years.....	7,344	7,204	7,208	7,338	7,339	7,392	7,445	7,291	7,205
25 years and over.....	71,782	73,038	73,489	71,444	72,388	72,822	72,707	72,840	73,131
25 to 54 years.....	52,874	53,721	53,915	52,685	53,441	53,764	53,647	53,686	53,728
25 to 34 years.....	18,426	18,944	19,052	18,372	18,773	18,925	18,942	18,946	18,992
35 to 44 years.....	17,247	17,667	17,711	17,176	17,447	17,592	17,576	17,644	17,634
45 to 54 years.....	17,201	17,110	17,152	17,136	17,221	17,247	17,130	17,096	17,101
55 years and over.....	18,909	19,317	19,574	18,760	18,947	19,058	19,060	19,154	19,403
Women, 16 years and over.....	71,835	72,738	72,907	71,620	72,157	72,530	72,548	72,569	72,690
16 to 19 years.....	2,495	2,472	2,565	2,533	2,574	2,702	2,632	2,578	2,613
16 to 17 years.....	956	868	867	1,004	995	1,044	1,001	980	922
18 to 19 years.....	1,538	1,603	1,698	1,531	1,583	1,676	1,622	1,606	1,675
20 years and over.....	69,340	70,266	70,341	69,087	69,583	69,828	69,916	69,992	70,077
20 to 24 years.....	6,786	6,829	6,805	6,845	6,814	6,821	6,889	6,882	6,864
25 years and over.....	62,555	63,437	63,536	62,270	62,742	63,033	63,071	63,067	63,243
25 to 54 years.....	45,994	46,485	46,530	45,838	46,233	46,356	46,404	46,280	46,377
25 to 34 years.....	15,865	16,213	16,301	15,807	15,995	16,050	16,164	16,137	16,229
35 to 44 years.....	14,682	15,003	14,885	14,645	14,933	14,911	14,886	14,970	14,858
45 to 54 years.....	15,447	15,269	15,343	15,386	15,305	15,395	15,354	15,172	15,291
55 years and over.....	16,561	16,952	17,006	16,432	16,508	16,677	16,667	16,787	16,865
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	45,968	46,195	46,281	45,753	45,714	45,863	45,865	45,995	46,041
Married women, spouse present <sup>1</sup> .....	36,275	36,386	36,236	36,072	35,768	35,632	35,564	36,140	35,978
Women who maintain families <sup>2</sup> .....	9,470	9,492	9,608	■	■	■	■	■	■
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	125,911	127,340	129,014	125,621	127,016	127,745	127,434	127,753	128,657
Part-time workers <sup>4</sup> .....	27,496	28,008	26,996	27,340	27,271	27,548	27,858	27,508	26,883
<b>MULTIPLE JOBHOLDERS</b>									
Total multiple jobholders.....	7,584	7,637	7,411	7,556	7,845	7,864	7,609	7,667	7,442
Percent of total employed.....	4.9	4.9	4.8	4.9	5.1	5.1	4.9	4.9	4.8
<b>SELF-EMPLOYMENT</b>									
Self-employed workers, incorporated.....	5,742	5,787	5,696	■	■	■	■	■	■
Self-employed workers, unincorporated.....	9,525	9,798	9,889	9,411	9,773	9,713	9,793	9,741	9,755

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

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

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

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

- Data not available.

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

**HOUSEHOLD DATA**
**Table A-10. Selected unemployment indicators, seasonally adjusted**

Characteristic	Number of unemployed persons (in thousands)			Unemployment rates					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
<b>AGE AND SEX</b>									
Total, 16 years and over.....	6,837	6,346	6,065	4.3	4.1	4.1	4.1	3.9	3.8
16 to 19 years.....	825	752	745	14.1	13.9	14.4	13.5	12.9	12.8
16 to 17 years.....	284	294	307	13.1	15.0	15.5	14.9	13.8	14.8
18 to 19 years.....	542	473	454	14.7	13.3	13.7	12.6	12.7	12.2
20 years and over.....	6,012	5,594	5,321	3.9	3.8	3.7	3.7	3.6	3.4
20 to 24 years.....	1,021	1,018	1,073	6.7	7.4	6.8	6.6	6.7	7.1
25 years and over.....	5,028	4,613	4,261	3.6	3.4	3.4	3.4	3.3	3.0
25 to 54 years.....	3,924	3,543	3,252	3.8	3.5	3.5	3.5	3.4	3.1
25 to 34 years.....	1,744	1,627	1,405	4.9	4.3	4.4	4.2	4.4	3.8
35 to 44 years.....	1,097	995	950	3.3	3.1	3.1	3.2	3.0	2.8
45 to 54 years.....	1,083	921	897	3.2	3.0	2.9	2.9	2.8	2.7
55 years and over.....	1,117	1,105	1,039	3.1	3.0	3.2	3.2	3.0	2.8
Men, 16 years and over.....	3,581	3,541	3,373	4.2	4.3	4.2	4.1	4.1	3.9
16 to 19 years.....	461	453	468	15.7	14.5	16.4	15.2	15.3	16.0
16 to 17 years.....	140	178	187	13.7	13.0	17.1	16.1	17.2	18.0
18 to 19 years.....	322	283	285	16.6	14.9	16.1	14.5	14.6	15.1
20 years and over.....	3,120	3,088	2,905	3.8	3.9	3.7	3.7	3.7	3.5
20 to 24 years.....	637	605	618	8.0	8.2	7.6	7.5	7.7	7.9
25 years and over.....	2,537	2,506	2,325	3.4	3.4	3.3	3.3	3.3	3.1
25 to 54 years.....	1,967	1,869	1,715	3.6	3.4	3.2	3.4	3.4	3.1
25 to 34 years.....	890	911	742	4.6	4.1	4.1	4.1	4.6	3.8
35 to 44 years.....	538	482	487	3.0	3.1	2.7	3.0	2.7	2.7
45 to 54 years.....	539	476	486	3.0	3.1	2.8	2.9	2.7	2.8
55 years and over.....	570	637	610	2.9	3.3	3.5	3.2	3.2	3.0
Women, 16 years and over.....	3,257	2,805	2,692	4.3	4.0	4.1	4.0	3.7	3.6
16 to 19 years.....	365	299	277	12.6	13.4	12.5	11.8	10.4	9.6
16 to 17 years.....	144	116	120	12.5	16.7	14.0	13.8	10.6	11.6
18 to 19 years.....	220	191	169	12.6	11.7	11.4	10.6	10.6	9.2
20 years and over.....	2,892	2,506	2,415	4.0	3.6	3.8	3.7	3.5	3.3
20 to 24 years.....	384	413	454	5.3	6.5	6.0	5.7	5.7	6.2
25 years and over.....	2,491	2,107	1,936	3.8	3.3	3.5	3.5	3.2	3.0
25 to 54 years.....	1,956	1,673	1,537	4.1	3.6	3.8	3.6	3.5	3.2
25 to 34 years.....	854	716	664	5.1	4.7	4.7	4.3	4.2	3.9
35 to 44 years.....	558	513	462	3.7	3.1	3.5	3.4	3.3	3.0
45 to 54 years.....	544	445	411	3.4	2.8	3.0	3.0	2.8	2.6
55 years and over.....	577	483	465	3.4	2.5	2.8	3.2	2.8	2.7
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	1,089	997	905	2.3	2.3	2.1	2.1	2.1	1.9
Married women, spouse present <sup>1</sup> .....	952	903	857	2.6	2.4	2.7	2.6	2.4	2.3
Women who maintain families <sup>2</sup> .....	688	548	470	6.8	6.5	6.2	5.6	5.5	4.7
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	5,494	5,193	4,937	4.2	4.0	4.1	4.0	3.9	3.7
Part-time workers <sup>4</sup> .....	1,373	1,200	1,166	4.8	4.7	4.5	4.5	4.2	4.2

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

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

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

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

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

**HOUSEHOLD DATA**
**Table A-11. Unemployed persons by reason for unemployment**

[Numbers in thousands]

Reason	Not seasonally adjusted			Seasonally adjusted					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
<b>NUMBER OF UNEMPLOYED</b>									
Job losers and persons who completed temporary jobs.....	3,017	2,805	2,493	3,333	3,273	3,279	3,146	2,958	2,854
On temporary layoff.....	575	713	533	816	912	878	865	862	803
Not on temporary layoff.....	2,442	2,092	1,960	2,517	2,361	2,401	2,281	2,096	2,052
Permanent job losers.....	1,699	1,415	1,380	1,751	1,652	1,709	1,645	1,418	1,439
Persons who completed temporary jobs....	743	677	580	766	709	692	637	678	612
Job leavers.....	741	761	801	798	716	780	864	815	852
Reentrants.....	2,187	1,836	1,933	2,100	1,958	1,948	1,967	2,009	1,882
New entrants.....	628	530	529	658	645	704	625	623	571
<b>PERCENT DISTRIBUTION</b>									
Job losers and persons who completed temporary jobs.....	45.9	47.3	43.3	48.4	49.6	48.9	47.7	46.2	46.3
On temporary layoff.....	8.7	12.0	9.3	11.8	13.8	13.1	13.1	13.5	13.0
Not on temporary layoff.....	37.2	35.3	34.1	36.5	35.8	35.8	34.6	32.7	33.3
Job leavers.....	11.3	12.8	13.9	11.6	10.9	11.6	13.1	12.7	13.8
Reentrants.....	33.3	31.0	33.6	30.5	29.7	29.0	29.8	31.4	30.6
New entrants.....	9.5	8.9	9.2	9.6	9.8	10.5	9.5	9.7	9.3
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers and persons who completed temporary jobs.....	1.9	1.7	1.5	2.1	2.0	2.0	1.9	1.8	1.8
Job leavers.....	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5
Reentrants.....	1.4	1.1	1.2	1.3	1.2	1.2	1.2	1.2	1.2
New entrants.....	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4

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

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

[Numbers in thousands]

Duration	Not seasonally adjusted			Seasonally adjusted					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
<b>NUMBER OF UNEMPLOYED</b>									
Less than 5 weeks.....	2,106	1,782	1,950	2,123	2,280	2,508	2,287	2,115	2,034
5 to 14 weeks.....	1,592	1,666	1,568	1,958	1,943	1,906	2,009	2,017	1,945
15 weeks and over.....	2,874	2,483	2,237	2,788	2,402	2,330	2,202	2,329	2,166
15 to 26 weeks.....	1,213	1,158	1,066	1,123	981	934	880	1,036	977
27 weeks and over.....	1,661	1,325	1,171	1,665	1,421	1,397	1,322	1,293	1,189
Average (mean) duration, in weeks.....	25.7	24.2	21.8	24.8	24.1	22.9	24.1	23.1	21.3
Median duration, in weeks.....	11.3	11.9	9.9	10.4	9.4	9.3	9.1	9.8	9.2
<b>PERCENT DISTRIBUTION</b>									
Less than 5 weeks.....	32.0	30.1	33.9	30.9	34.4	37.2	35.2	32.7	33.1
5 to 14 weeks.....	24.2	28.1	27.3	28.5	29.3	28.3	30.9	31.2	31.7
15 weeks and over.....	43.7	41.9	38.9	40.6	36.3	34.6	33.9	36.0	35.2
15 to 26 weeks.....	18.5	19.5	18.5	16.3	14.8	13.8	13.5	16.0	15.9
27 weeks and over.....	25.3	22.3	20.3	24.2	21.5	20.7	20.3	20.0	19.4

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	
	May 2017	May 2018	May 2017	May 2018	May 2017	May 2018
Total, 16 years and over <sup>1</sup> .....	153,407	156,009	6,572	5,756	4.1	3.6
Management, professional, and related occupations.....	61,174	62,360	1,208	1,083	1.9	1.7
Management, business, and financial operations occupations.....	25,319	25,784	463	448	1.8	1.7
Professional and related occupations.....	35,855	36,576	745	635	2.0	1.7
Service occupations.....	27,001	27,710	1,529	1,241	5.4	4.3
Sales and office occupations.....	33,015	33,165	1,394	1,297	4.1	3.8
Sales and related occupations.....	15,510	15,769	733	695	4.5	4.2
Office and administrative support occupations.....	17,506	17,396	660	602	3.6	3.3
Natural resources, construction, and maintenance occupations.....	14,402	14,299	854	685	5.6	4.6
Farming, fishing, and forestry occupations.....	1,245	1,056	81	92	6.1	8.0
Construction and extraction occupations.....	8,235	8,218	562	471	6.4	5.4
Installation, maintenance, and repair occupations.....	4,921	5,025	211	122	4.1	2.4
Production, transportation, and material moving occupations.....	17,815	18,475	944	898	5.0	4.6
Production occupations.....	8,670	8,633	416	396	4.6	4.4
Transportation and material moving occupations.....	9,144	9,842	527	502	5.5	4.9

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

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

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

Industry and class of worker	Number of unemployed persons (in thousands)		Unemployment rates	
	May 2017	May 2018	May 2017	May 2018
Total, 16 years and over <sup>1</sup> .....	6,572	5,756	4.1	3.6
Nonagricultural private wage and salary workers.....	5,074	4,467	4.0	3.5
Mining, quarrying, and oil and gas extraction.....	20	23	2.5	3.0
Construction.....	502	415	5.3	4.4
Manufacturing.....	504	546	3.2	3.4
Durable goods.....	327	340	3.3	3.4
Nondurable goods.....	178	206	3.1	3.5
Wholesale and retail trade.....	916	885	4.7	4.5
Transportation and utilities.....	262	223	4.2	3.2
Information.....	123	100	4.7	3.5
Financial activities.....	232	167	2.3	1.7
Professional and business services.....	690	669	4.1	4.0
Education and health services.....	675	563	2.8	2.3
Leisure and hospitality.....	905	706	6.3	4.9
Other services.....	245	171	3.6	2.5
Agriculture and related private wage and salary workers.....	103	95	6.0	5.8
Government workers.....	471	425	2.2	2.0
Self-employed workers, unincorporated, and unpaid family workers.....	297	239	3.0	2.3

<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					
	May 2017	Apr. 2018	May 2018	May 2017	Jan. 2018	Feb. 2018	Mar. 2018	Apr. 2018	May 2018
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	1.8	1.5	1.4	1.7	1.5	1.4	1.4	1.4	1.3
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.....	1.9	1.7	1.5	2.1	2.0	2.0	1.9	1.8	1.8
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	4.1	3.7	3.6	4.3	4.1	4.1	4.1	3.9	3.8
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	4.3	3.9	3.8	4.5	4.4	4.4	4.3	4.2	4.0
U-5 Total unemployed, plus discouraged workers, plus all other persons marginally attached to the labor force, as a percent of the civilian labor force plus all persons marginally attached to the labor force.....	5.0	4.5	4.4	5.2	5.1	5.1	4.9	4.7	4.6
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.....	8.1	7.4	7.3	8.4	8.2	8.2	8.0	7.8	7.6

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

## HOUSEHOLD DATA

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

[Numbers in thousands]

Category	Total		Men		Women	
	May 2017	May 2018	May 2017	May 2018	May 2017	May 2018
<b>NOT IN THE LABOR FORCE</b>						
Total not in the labor force.....	94,788	95,689	38,113	38,201	56,675	57,488
Persons who currently want a job.....	5,976	5,696	2,801	2,646	3,175	3,050
Marginally attached to the labor force <sup>1</sup> .....	1,475	1,455	761	776	714	679
Discouraged workers <sup>2</sup> .....	355	378	191	257	163	120
Other persons marginally attached to the labor force <sup>3</sup> ..	1,121	1,077	570	519	551	559
<b>MULTIPLE JOBHOLDERS</b>						
Total multiple jobholders <sup>4</sup> .....	7,584	7,411	3,831	3,687	3,752	3,724
Percent of total employed.....	4.9	4.8	4.7	4.4	5.2	5.1
Primary job full time, secondary job part time.....	4,136	4,062	2,295	2,252	1,840	1,811
Primary and secondary jobs both part time.....	2,067	1,951	715	673	1,352	1,279
Primary and secondary jobs both full time.....	301	294	217	178	84	116
Hours vary on primary or secondary job.....	1,029	1,073	580	569	449	504

<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: Apr. 2018 - May 2018 <sup>p</sup>
	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	
Total nonfarm.....	146,937	147,384	148,366	149,309	146,299	148,280	148,439	148,662	223
Total private.....	124,287	124,688	125,659	126,650	123,994	125,956	126,118	126,336	218
Goods-producing.....	20,051	20,177	20,403	20,664	20,013	20,516	20,569	20,616	47
Mining and logging.....	672	712	721	732	675	722	729	733	4
Logging.....	48.9	48.6	47.6	47.2	50.0	50.0	50.0	48.5	-1.5
Mining.....	622.9	663.2	673.0	684.4	625.3	671.6	679.3	684.8	5.5
Oil and gas extraction.....	144.3	148.8	149.1	150.7	145.4	149.6	150.7	151.5	0.8
Mining, except oil and gas.....	186.3	182.0	185.3	190.2	184.4	186.9	186.7	188.3	1.6
Coal mining.....	51.6	51.9	52.8	52.9	51.9	52.3	52.9	53.2	0.3
Metal ore mining.....	38.2	38.5	38.3	38.6	38.4	38.8	38.8	38.8	0.0
Nonmetallic mineral mining and quarrying.....	96.5	91.6	94.2	98.7	94.1	95.9	95.0	96.2	1.2
Support activities for mining.....	292.3	332.4	338.6	343.5	295.5	335.1	341.9	345.0	3.1
Construction.....	6,990	6,889	7,083	7,281	6,924	7,164	7,185	7,210	25
Construction of buildings.....	1,535.4	1,546.6	1,576.2	1,600.1	1,534.7	1,587.1	1,598.0	1,598.2	0.2
Residential building.....	746.7	758.1	776.0	791.8	746.9	781.9	786.2	790.8	4.6
Nonresidential building.....	788.7	788.5	800.2	808.3	787.8	805.2	811.8	807.4	-4.4
Heavy and civil engineering construction.....	1,021.4	930.8	989.2	1,040.4	992.7	1,005.2	1,004.9	1,009.9	5.0
Specialty trade contractors.....	4,432.7	4,411.1	4,517.3	4,640.8	4,396.8	4,571.4	4,581.8	4,602.3	20.5
Residential specialty trade contractors.....	1,954.2	1,940.1	1,983.8	2,041.9	1,930.6	2,013.2	2,013.3	2,019.0	5.7
Nonresidential specialty trade contractors.....	2,478.5	2,471.0	2,533.5	2,598.9	2,466.2	2,558.2	2,568.5	2,583.3	14.8
Manufacturing.....	12,389	12,576	12,599	12,651	12,414	12,630	12,655	12,673	18
Durable goods.....	7,711	7,869	7,887	7,916	7,717	7,883	7,902	7,917	15
Wood products.....	396.7	401.6	402.5	406.5	396.4	404.6	404.5	405.8	1.3
Nonmetallic mineral products.....	413.9	413.4	420.0	424.0	409.4	420.1	420.8	419.5	-1.3
Primary metals.....	370.8	380.0	380.0	379.1	371.2	379.8	380.0	379.5	-0.5
Fabricated metal products.....	1,423.3	1,471.9	1,476.5	1,480.9	1,423.3	1,473.8	1,476.7	1,479.1	2.4
Machinery.....	1,073.4	1,105.3	1,112.4	1,118.4	1,076.6	1,107.3	1,115.3	1,121.1	5.8
Computer and electronic products.....	1,036.3	1,059.0	1,058.2	1,062.1	1,038.0	1,060.5	1,061.4	1,063.6	2.2
Computer and peripheral equipment.....	157.5	168.9	169.0	169.1	158.1	169.1	169.5	169.6	0.1
Communications equipment.....	86.4	86.1	85.3	85.8	86.6	86.3	85.5	85.8	0.3
Semiconductors and electronic components.....	359.9	367.4	367.7	368.5	360.4	367.9	368.6	369.1	0.5
Electronic instruments.....	398.9	404.4	404.6	406.8	399.2	404.7	405.9	407.1	1.2
Miscellaneous computer and electronic products.....	33.6	32.2	31.6	31.9	33.7	32.4	32.0	31.9	-0.1
Electrical equipment and appliances.....	382.8	398.8	400.0	401.9	384.3	399.8	401.6	403.4	1.8
Transportation equipment <sup>1</sup> .....	1,630.1	1,654.3	1,652.7	1,653.8	1,632.0	1,649.7	1,653.4	1,654.8	1.4
Motor vehicles and parts <sup>2</sup> .....	954.7	966.8	963.0	957.0	954.4	960.8	961.1	956.7	-4.4
Furniture and related products.....	394.0	391.2	389.6	391.9	394.4	392.0	391.2	392.3	1.1
Miscellaneous durable goods manufacturing.....	589.7	593.7	595.4	597.0	591.0	595.8	597.1	597.6	0.5
Nondurable goods.....	4,678	4,707	4,712	4,735	4,697	4,747	4,753	4,756	3
Food manufacturing.....	1,579.8	1,607.1	1,606.4	1,614.4	1,600.0	1,631.1	1,632.8	1,635.7	2.9
Textile mills.....	112.3	111.1	111.2	112.2	112.1	111.3	111.6	112.0	0.4
Textile product mills.....	115.2	111.5	110.6	109.9	115.2	111.9	111.0	110.1	-0.9
Apparel.....	120.5	116.8	117.6	116.2	121.0	116.9	117.9	116.4	-1.5
Paper and paper products.....	369.1	372.8	373.3	374.4	368.8	373.2	373.3	373.5	0.2
Printing and related support activities.....	439.7	434.8	432.9	433.3	439.9	435.5	434.1	433.5	-0.6
Petroleum and coal products.....	115.4	111.7	113.8	116.0	114.6	115.1	115.3	115.2	-0.1
Chemicals.....	820.1	823.4	824.6	824.9	820.6	824.5	826.3	826.3	0.0
Plastics and rubber products.....	713.8	724.4	725.6	728.9	711.9	725.2	726.5	727.5	1.0
Miscellaneous nondurable goods manufacturing.....	291.6	293.5	296.4	305.0	292.8	302.7	303.7	305.7	2.0
Private service-providing.....	104,236	104,511	105,256	105,986	103,981	105,440	105,549	105,720	171
Trade, transportation, and utilities.....	27,340	27,422	27,493	27,694	27,439	27,736	27,736	27,789	53
Wholesale trade.....	5,893.4	5,940.8	5,936.3	5,960.2	5,886.9	5,962.0	5,950.6	5,954.8	4.2
Durable goods.....	2,957.2	3,000.2	3,001.5	3,008.7	2,955.7	3,006.6	3,007.1	3,007.3	0.2
Nondurable goods.....	2,048.8	2,042.5	2,042.1	2,053.3	2,043.8	2,054.5	2,047.3	2,049.0	1.7

See footnotes at end of table.

# ESTABLISHMENT DATA

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

[Continued]

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Apr.2018 - May2018 <sup>p</sup>
	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	
<b>Wholesale trade - Continued</b>									
Electronic markets and agents and brokers.....	887.4	898.1	892.7	898.2	887.4	900.9	896.2	898.5	2.3
Retail trade.....	15,769.0	15,701.0	15,771.7	15,899.5	15,845.2	15,930.4	15,939.2	15,970.3	31.1
Motor vehicle and parts dealers.....	2,011.3	2,016.5	2,023.4	2,033.4	2,004.0	2,025.4	2,025.4	2,026.4	1.0
Automobile dealers.....	1,295.8	1,302.7	1,302.4	1,305.5	1,294.9	1,305.7	1,305.4	1,305.0	-0.4
Other motor vehicle dealers.....	162.2	153.4	157.3	162.2	156.2	157.1	156.5	156.3	-0.2
Auto parts, accessories, and tire stores.....	553.3	560.4	563.7	565.7	552.9	562.6	563.5	565.1	1.6
Furniture and home furnishings stores.....	469.2	478.2	476.4	477.1	475.2	482.8	482.8	483.3	0.5
Electronics and appliance stores.....	498.1	494.7	493.3	493.0	509.6	498.8	500.3	501.4	1.1
Building material and garden supply stores.....	1,335.9	1,323.0	1,360.3	1,391.5	1,265.8	1,317.9	1,313.2	1,319.2	6.0
Food and beverage stores.....	3,080.3	3,062.3	3,068.6	3,092.0	3,086.3	3,094.7	3,097.3	3,098.1	0.8
Health and personal care stores.....	1,065.2	1,055.3	1,050.5	1,050.7	1,069.6	1,059.0	1,057.2	1,056.4	-0.8
Gasoline stations.....	933.6	927.8	929.8	941.8	930.6	938.0	937.5	938.8	1.3
Clothing and clothing accessories stores.....	1,343.0	1,322.9	1,317.6	1,334.2	1,385.0	1,369.9	1,366.3	1,372.8	6.5
Sporting goods, hobby, book, and music stores.....	581.3	570.0	573.6	576.9	602.1	594.4	596.5	597.8	1.3
General merchandise stores.....	3,057.5	3,058.8	3,073.5	3,085.8	3,117.5	3,127.8	3,136.4	3,149.8	13.4
Department stores.....	1,131.8	1,130.8	1,131.6	1,135.0	1,172.6	1,170.1	1,170.2	1,177.8	7.6
General merchandise stores, including warehouse clubs and supercenters.....	1,925.7	1,928.0	1,941.9	1,950.8	1,944.9	1,957.7	1,966.2	1,972.1	5.9
Miscellaneous store retailers.....	833.6	806.9	818.0	837.8	829.5	829.8	831.1	832.2	1.1
Nonstore retailers.....	560.0	584.6	586.7	585.3	570.0	591.9	595.2	594.1	-1.1
Transportation and warehousing.....	5,124.6	5,227.4	5,231.3	5,280.2	5,153.0	5,289.0	5,290.6	5,309.3	18.7
Air transportation.....	492.7	499.3	501.3	503.9	490.5	501.4	502.0	502.0	0.0
Rail transportation.....	217.1	211.3	212.5	212.5	216.9	212.2	212.3	212.3	0.0
Water transportation.....	66.1	62.3	64.2	65.7	65.6	64.3	64.8	65.2	0.4
Truck transportation.....	1,451.1	1,453.8	1,458.1	1,475.9	1,453.2	1,477.2	1,470.8	1,477.4	6.6
Transit and ground passenger transportation.....	511.6	509.5	509.0	513.0	493.5	495.7	495.1	495.2	0.1
Pipeline transportation.....	48.1	47.6	46.8	47.0	48.1	47.6	47.0	47.0	0.0
Scenic and sightseeing transportation.....	39.4	29.2	31.1	37.7	36.2	37.1	35.3	34.9	-0.4
Support activities for transportation.....	685.5	706.1	705.7	705.0	687.7	708.3	706.2	706.8	0.6
Couriers and messengers.....	637.2	700.2	691.0	699.7	674.5	725.6	732.5	737.3	4.8
Warehousing and storage.....	975.8	1,008.1	1,011.6	1,019.8	986.8	1,019.6	1,024.6	1,031.2	6.6
Utilities.....	553.4	552.6	554.1	553.6	554.0	554.1	555.5	554.4	-1.1
Information.....	2,789	2,755	2,763	2,771	2,794	2,765	2,769	2,775	6
Publishing industries, except Internet.....	720.1	712.5	709.0	710.2	724.6	714.8	712.7	714.7	2.0
Motion picture and sound recording industries.....	430.4	401.7	419.3	427.7	425.4	408.0	416.1	421.4	5.3
Broadcasting, except Internet.....	264.2	263.7	263.1	260.5	265.3	262.5	262.7	261.6	-1.1
Telecommunications.....	779.4	766.2	758.7	757.5	781.2	766.2	762.2	760.3	-1.9
Data processing, hosting and related services.....	316.5	325.6	326.4	326.3	316.5	326.5	326.8	326.4	-0.4
Other information services.....	278.7	285.0	286.2	289.1	280.5	286.6	288.4	290.6	2.2
Financial activities.....	8,419	8,503	8,509	8,545	8,434	8,548	8,551	8,559	8
Finance and insurance.....	6,242.7	6,300.3	6,294.8	6,306.4	6,257.1	6,312.9	6,314.4	6,319.3	4.9
Monetary authorities - central bank.....	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.1	0.1
Credit intermediation and related activities.....	2,641.8	2,655.3	2,655.7	2,662.1	2,646.2	2,661.4	2,663.4	2,666.0	2.6
Depository credit intermediation <sup>1</sup> .....	1,714.4	1,716.6	1,717.3	1,722.6	1,713.9	1,718.4	1,720.4	1,721.9	1.5
Commercial banking.....	1,325.0	1,322.4	1,323.3	1,326.3	1,324.8	1,322.8	1,324.8	1,326.3	1.5
Nondepository credit intermediation.....	618.3	623.2	624.3	626.2	622.6	626.8	628.5	630.4	1.9
Activities related to credit intermediation.....	309.1	315.5	314.1	313.3	309.7	316.3	314.6	313.7	-0.9
Securities, commodity contracts, investments, and funds and trusts.....	932.0	957.5	958.7	957.7	937.1	961.0	962.5	962.1	-0.4
Insurance carriers and related activities.....	2,650.0	2,668.6	2,661.5	2,667.6	2,654.8	2,671.5	2,669.5	2,672.1	2.6
Real estate and rental and leasing.....	2,176.6	2,202.6	2,213.7	2,238.1	2,176.4	2,234.8	2,236.2	2,239.2	3.0
Real estate.....	1,587.6	1,605.8	1,612.6	1,623.1	1,590.0	1,622.7	1,623.5	1,626.1	2.6
Rental and leasing services.....	564.9	572.4	576.9	590.4	562.3	587.5	588.2	588.5	0.3

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: Apr.2018 - May2018 <sup>p</sup>
	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	
Real estate and rental and leasing - Continued									
Lessors of nonfinancial intangible assets....	24.1	24.4	24.2	24.6	24.1	24.6	24.5	24.6	0.1
Professional and business services.....	20,417	20,576	20,815	20,908	20,408	20,817	20,860	20,891	31
Professional and technical services.....	8,920.5	9,172.4	9,217.6	9,131.8	8,980.2	9,143.0	9,163.5	9,186.1	22.6
Legal services.....	1,134.0	1,130.7	1,131.5	1,133.1	1,136.6	1,135.6	1,135.8	1,135.6	-0.2
Accounting and bookkeeping services.....	943.9	1,087.8	1,080.7	955.2	991.9	988.6	991.9	999.3	7.4
Architectural and engineering services.....	1,429.5	1,443.7	1,455.0	1,465.4	1,429.4	1,461.6	1,464.8	1,465.6	0.8
Specialized design services.....	139.1	135.8	137.2	137.7	138.7	137.3	137.3	137.3	0.0
Computer systems design and related services.....	2,030.1	2,067.6	2,085.3	2,095.3	2,035.0	2,085.7	2,092.1	2,098.7	6.6
Management and technical consulting services.....	1,394.5	1,419.7	1,430.9	1,440.5	1,396.8	1,436.1	1,439.4	1,443.4	4.0
Scientific research and development services.....	657.0	666.6	669.8	673.2	656.5	670.0	672.2	672.7	0.5
Advertising and related services.....	490.4	495.0	496.5	497.3	491.8	496.9	497.3	497.6	0.3
Other professional and technical services...	702.0	725.5	730.7	734.1	703.6	731.1	732.8	735.8	3.0
Management of companies and enterprises...	2,287.0	2,308.2	2,306.3	2,322.7	2,290.6	2,316.6	2,318.3	2,325.9	7.6
Administrative and waste services.....	9,209.3	9,095.0	9,291.3	9,453.6	9,136.7	9,357.1	9,378.4	9,378.6	0.2
Administrative and support services.....	8,796.2	8,677.9	8,869.0	9,026.6	8,724.5	8,933.9	8,953.1	8,952.9	-0.2
Office administrative services.....	507.6	518.1	519.9	524.1	507.2	520.3	521.5	523.8	2.3
Facilities support services.....	150.0	155.1	155.0	154.8	150.0	155.0	155.0	155.0	0.0
Employment services <sup>1</sup> .....	3,587.4	3,587.9	3,641.1	3,698.9	3,588.6	3,699.2	3,710.7	3,700.4	-10.3
Temporary help services.....	2,926.5	2,917.9	2,963.6	3,012.9	2,930.1	3,015.6	3,024.8	3,017.0	-7.8
Business support services.....	894.1	908.5	901.0	900.0	906.1	911.5	909.1	911.8	2.7
Travel arrangement and reservation services.....	220.0	215.8	218.1	219.4	218.2	217.0	217.6	217.6	0.0
Investigation and security services.....	912.7	926.8	931.9	937.7	914.7	933.9	936.0	939.2	3.2
Services to buildings and dwellings.....	2,200.6	2,030.1	2,163.4	2,252.6	2,117.9	2,160.3	2,165.2	2,167.8	2.6
Other support services.....	323.8	335.6	338.6	339.1	321.8	336.7	337.9	337.3	-0.6
Waste management and remediation services.....	413.1	417.1	422.3	427.0	412.2	423.2	425.3	425.7	0.4
Education and health services.....	23,195	23,634	23,695	23,632	23,122	23,491	23,524	23,563	39
Educational services.....	3,711.8	3,869.0	3,882.0	3,759.2	3,660.6	3,697.7	3,701.8	3,708.9	7.1
Health care and social assistance.....	19,483.3	19,765.2	19,813.1	19,872.4	19,461.6	19,792.8	19,821.9	19,853.6	31.7
Health care <sup>3</sup> .....	15,660.0	15,902.3	15,933.1	15,975.7	15,677.8	15,943.9	15,966.9	15,995.8	28.9
Ambulatory health care services.....	7,262.0	7,416.0	7,442.3	7,469.9	7,264.4	7,439.8	7,454.9	7,472.8	17.9
Offices of physicians.....	2,571.5	2,620.6	2,627.8	2,632.8	2,576.6	2,627.1	2,633.6	2,637.9	4.3
Offices of dentists.....	931.2	936.2	938.6	942.7	931.0	940.5	941.2	942.7	1.5
Offices of other health practitioners.....	887.2	912.6	920.9	926.2	884.8	916.9	921.4	923.8	2.4
Outpatient care centers.....	889.3	923.8	924.3	929.5	889.6	924.0	925.5	930.0	4.5
Medical and diagnostic laboratories....	266.7	277.1	277.1	277.7	267.9	277.3	277.2	278.6	1.4
Home health care services.....	1,411.5	1,437.3	1,445.2	1,453.8	1,409.2	1,444.2	1,447.1	1,451.2	4.1
Other ambulatory health care services.....	304.6	308.4	308.4	307.2	305.3	309.9	308.8	308.6	-0.2
Hospitals.....	5,054.1	5,149.4	5,150.8	5,153.5	5,067.6	5,152.1	5,161.2	5,167.4	6.2
Nursing and residential care facilities....	3,343.9	3,336.9	3,340.0	3,352.3	3,345.8	3,352.0	3,350.8	3,355.6	4.8
Nursing care facilities.....	1,627.4	1,606.6	1,606.7	1,612.4	1,629.7	1,615.4	1,612.4	1,615.0	2.6
Residential mental health facilities.....	629.7	630.3	631.6	632.5	629.5	631.5	632.3	632.7	0.4
Community care facilities for the elderly.....	919.7	929.0	929.9	934.4	918.9	932.5	933.6	934.6	1.0
Other residential care facilities.....	167.1	171.0	171.8	173.0	167.8	172.6	172.5	173.4	0.9
Social assistance.....	3,823.3	3,862.9	3,880.0	3,896.7	3,783.8	3,848.9	3,855.0	3,857.8	2.8
Individual and family services.....	2,352.5	2,398.7	2,412.2	2,420.2	2,338.6	2,398.0	2,404.8	2,405.2	0.4
Emergency and other relief services.....	167.9	172.2	170.7	171.7	168.1	171.4	170.3	171.9	1.6
Vocational rehabilitation services.....	342.7	343.5	344.1	346.0	342.8	346.6	345.8	346.1	0.3
Child day care services.....	960.2	948.5	953.0	958.8	934.4	933.0	934.1	934.5	0.4
Leisure and hospitality.....	16,285	15,822	16,137	16,547	16,019	16,248	16,260	16,281	21
Arts, entertainment, and recreation.....	2,403.6	2,167.5	2,278.1	2,431.7	2,321.4	2,345.1	2,344.3	2,347.8	3.5
Performing arts and spectator sports.....	519.6	469.0	511.6	532.5	490.4	494.5	497.2	501.9	4.7
Museums, historical sites, and similar institutions.....	172.1	161.7	169.2	174.9	165.6	171.2	172.3	168.7	-3.6

See footnotes at end of table.

## ESTABLISHMENT DATA

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

[Continued]

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Apr.2018 - May2018 <sup>p</sup>
	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	
Arts, entertainment, and recreation - Continued									
Amusements, gambling, and recreation.....	1,711.9	1,536.8	1,597.3	1,724.3	1,665.4	1,679.4	1,674.8	1,677.2	2.4
Accommodation and food services.....	13,881.2	13,654.6	13,858.4	14,115.2	13,697.9	13,902.4	13,915.5	13,932.9	17.4
Accommodation.....	2,005.1	1,954.2	1,978.3	2,023.8	2,003.4	2,020.8	2,022.4	2,022.2	-0.2
Food services and drinking places.....	11,876.1	11,700.4	11,880.1	12,091.4	11,694.5	11,881.6	11,893.1	11,910.7	17.6
Other services.....	5,791	5,799	5,844	5,889	5,765	5,835	5,849	5,862	13
Repair and maintenance.....	1,316.0	1,312.8	1,321.5	1,330.0	1,306.4	1,314.1	1,317.3	1,320.6	3.3
Personal and laundry services.....	1,490.9	1,496.7	1,521.2	1,537.0	1,477.6	1,511.1	1,518.5	1,523.6	5.1
Membership associations and organizations...	2,983.6	2,989.7	3,001.1	3,021.8	2,981.2	3,009.6	3,012.7	3,017.4	4.7
Government.....	22,650	22,696	22,707	22,659	22,305	22,324	22,321	22,326	5
Federal.....	2,806.0	2,775.0	2,784.0	2,782.0	2,807.0	2,791.0	2,789.0	2,786.0	-3.0
Federal, except U.S. Postal Service.....	2,189.2	2,169.8	2,175.6	2,178.4	2,190.0	2,183.5	2,182.6	2,179.8	-2.8
U.S. Postal Service.....	616.5	604.9	608.4	603.9	616.7	607.2	606.5	605.8	-0.7
State government.....	5,174.0	5,271.0	5,273.0	5,132.0	5,149.0	5,114.0	5,110.0	5,112.0	2.0
State government education.....	2,494.6	2,611.2	2,611.1	2,460.8	2,473.2	2,449.4	2,445.6	2,444.8	-0.8
State government, excluding education.....	2,678.9	2,659.8	2,661.7	2,671.4	2,675.5	2,664.9	2,664.1	2,667.4	3.3
Local government.....	14,670.0	14,650.0	14,650.0	14,745.0	14,349.0	14,419.0	14,422.0	14,428.0	6.0
Local government education.....	8,240.2	8,274.2	8,252.2	8,266.0	7,913.2	7,936.7	7,940.2	7,942.3	2.1
Local government, excluding education.....	6,429.9	6,375.8	6,397.5	6,479.2	6,435.6	6,481.8	6,481.7	6,485.6	3.9

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

<sup>2</sup> Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

<sup>3</sup> Includes ambulatory health care services, hospitals, and nursing and residential care facilities.

p Preliminary

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

**ESTABLISHMENT DATA**
**Table B-2. Average weekly hours and overtime of all employees on private nonfarm payrolls by industry sector, seasonally adjusted**

Industry	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	34.4	34.5	34.5	34.5
Goods-producing.....	40.4	40.5	40.7	40.6
Mining and logging.....	45.5	45.9	45.8	46.1
Construction.....	39.2	39.3	39.5	39.6
Manufacturing.....	40.7	40.9	41.0	40.8
Durable goods.....	41.3	41.3	41.5	41.2
Non durable goods.....	39.8	40.2	40.2	40.2
Private service-providing.....	33.2	33.4	33.3	33.3
Trade, transportation, and utilities.....	34.4	34.5	34.4	34.5
Wholesale trade.....	39.0	39.1	38.9	39.1
Retail trade.....	31.0	31.2	31.0	31.1
Transportation and warehousing.....	38.7	38.7	38.8	38.7
Utilities.....	42.0	42.1	42.2	42.1
Information.....	36.2	36.0	36.1	36.0
Financial activities.....	37.4	37.6	37.5	37.5
Professional and business services.....	36.1	36.2	36.1	36.2
Education and health services.....	32.8	33.0	33.0	33.0
Leisure and hospitality.....	26.0	26.1	26.0	26.1
Other services.....	31.8	31.7	31.7	31.7
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	3.3	3.6	3.7	3.5
Durable goods.....	3.3	3.6	3.7	3.5
Non durable goods.....	3.3	3.5	3.6	3.5

p Preliminary

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

**ESTABLISHMENT DATA**
**Table B-3. Average hourly and weekly earnings of all employees on private nonfarm payrolls by industry sector, seasonally adjusted**

Industry	Average hourly earnings				Average weekly earnings			
	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>
Total private.....	\$26.21	\$26.80	\$26.84	\$26.92	\$901.62	\$924.60	\$925.98	\$928.74
Goods-producing.....	27.45	27.96	28.05	28.07	1,108.98	1,132.38	1,141.64	1,139.64
Mining and logging.....	31.80	32.52	32.54	32.54	1,446.90	1,492.67	1,490.33	1,500.09
Construction.....	28.72	29.43	29.63	29.65	1,125.82	1,156.60	1,170.39	1,174.14
Manufacturing.....	26.51	26.87	26.90	26.90	1,078.96	1,098.98	1,102.90	1,097.52
Durable goods.....	27.76	28.15	28.22	28.24	1,146.49	1,162.60	1,171.13	1,163.49
Nondurable goods.....	24.39	24.68	24.64	24.62	970.72	992.14	990.53	989.72
Private service-providing.....	25.92	26.53	26.56	26.64	860.54	886.10	884.45	887.11
Trade, transportation, and utilities.....	22.70	23.13	23.17	23.24	780.88	797.99	797.05	801.78
Wholesale trade.....	29.94	30.30	30.24	30.43	1,167.66	1,184.73	1,176.34	1,189.81
Retail trade.....	18.12	18.47	18.58	18.64	561.72	576.26	575.98	579.70
Transportation and warehousing.....	23.77	24.31	24.29	24.30	919.90	940.80	942.45	940.41
Utilities.....	38.95	40.24	40.34	40.14	1,635.90	1,694.10	1,702.35	1,689.89
Information.....	38.13	39.15	39.31	39.40	1,380.31	1,409.40	1,419.09	1,418.40
Financial activities.....	32.94	34.40	34.29	34.77	1,231.96	1,293.44	1,285.88	1,303.88
Professional and business services.....	31.46	32.12	32.17	32.18	1,135.71	1,162.74	1,161.34	1,164.92
Education and health services.....	26.27	26.81	26.79	26.90	861.66	884.73	884.07	887.70
Leisure and hospitality.....	15.47	15.79	15.86	15.86	402.22	412.12	412.36	413.95
Other services.....	23.71	24.28	24.34	24.37	753.98	769.68	771.58	772.53

p Preliminary

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

## ESTABLISHMENT DATA

**Table B-4. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted**

[2007=100]

Industry	Index of aggregate weekly hours <sup>1</sup>					Index of aggregate weekly payrolls <sup>2</sup>				
	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	Percent change from: Apr. 2018 - May 2018 <sup>p</sup>	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	Percent change from: Apr. 2018 - May 2018 <sup>p</sup>
Total private.....	107.1	109.1	109.2	109.4	0.2	134.1	139.7	140.1	140.8	0.5
Goods-producing.....	92.1	94.7	95.4	95.4	0.0	114.3	119.6	120.9	121.0	0.1
Mining and logging.....	96.5	104.1	104.9	106.2	1.2	123.2	136.0	137.1	138.7	1.2
Construction.....	93.6	97.1	97.8	98.4	0.6	116.8	124.1	126.0	126.8	0.6
Manufacturing.....	90.9	92.9	93.3	93.0	-0.3	112.1	116.1	116.8	116.4	-0.3
Durable goods.....	89.7	91.7	92.3	91.8	-0.5	110.6	114.6	115.7	115.2	-0.4
Nondurable goods.....	93.3	95.3	95.4	95.4	0.0	115.5	119.3	119.2	119.2	0.0
Private service-providing.....	111.1	113.3	113.1	113.3	0.2	139.9	146.1	146.0	146.6	0.4
Trade, transportation, and utilities.....	102.7	104.1	103.8	104.3	0.5	125.4	129.6	129.4	130.4	0.8
Wholesale trade.....	100.2	101.7	101.0	101.6	0.6	125.2	128.6	127.5	129.0	1.2
Retail trade.....	99.8	101.0	100.4	100.9	0.5	119.5	123.3	123.3	124.3	0.8
Transportation and warehousing.....	114.1	117.1	117.5	117.6	0.1	137.7	144.5	144.8	145.0	0.1
Utilities.....	100.7	100.9	101.4	101.0	-0.4	129.6	134.2	135.2	133.9	-1.0
Information.....	92.4	90.9	91.3	91.2	-0.1	125.4	126.7	127.8	128.0	0.2
Financial activities.....	103.3	105.3	105.0	105.1	0.1	132.7	141.2	140.5	142.6	1.5
Professional and business services.....	115.9	118.5	118.4	118.9	0.4	147.7	154.2	154.4	155.1	0.5
Education and health services.....	123.8	126.6	126.8	127.0	0.2	156.5	163.3	163.4	164.3	0.6
Leisure and hospitality.....	118.8	121.0	120.6	121.2	0.5	148.3	154.1	154.3	155.1	0.5
Other services.....	105.7	106.6	106.9	107.1	0.2	137.4	141.9	142.6	143.1	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 2017 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**
**Table B-5. Employment of women on nonfarm payrolls by industry sector, seasonally adjusted**

Industry	Women employees (in thousands)				Percent of all employees			
	May 2017	Mar. 2018	Apr. 2018 <sup>P</sup>	May 2018 <sup>P</sup>	May 2017	Mar. 2018	Apr. 2018 <sup>P</sup>	May 2018 <sup>P</sup>
Total nonfarm.....	72,476	73,522	73,626	73,801	49.5	49.6	49.6	49.6
Total private.....	59,684	60,676	60,778	60,930	48.1	48.2	48.2	48.2
Goods-producing.....	4,385	4,520	4,533	4,551	21.9	22.0	22.0	22.1
Mining and logging.....	92	93	93	94	13.6	12.9	12.8	12.8
Construction.....	874	916	918	920	12.6	12.8	12.8	12.8
Manufacturing.....	3,419	3,511	3,522	3,537	27.5	27.8	27.8	27.9
Durable goods.....	1,805	1,850	1,855	1,858	23.4	23.5	23.5	23.5
Nondurable goods.....	1,614	1,661	1,667	1,679	34.4	35.0	35.1	35.3
Private service-providing.....	55,299	56,156	56,245	56,379	53.2	53.3	53.3	53.3
Trade, transportation, and utilities.....	11,058	11,126	11,132	11,149	40.3	40.1	40.1	40.1
Wholesale trade.....	1,737.4	1,773.3	1,769.2	1,767.3	29.5	29.7	29.7	29.7
Retail trade.....	7,937.7	7,928.3	7,937.3	7,952.1	50.1	49.8	49.8	49.8
Transportation and warehousing.....	1,255.8	1,295.9	1,296.8	1,300.8	24.4	24.5	24.5	24.5
Utilities.....	127.4	128.1	128.7	128.6	23.0	23.1	23.2	23.2
Information.....	1,113	1,093	1,092	1,098	39.8	39.5	39.4	39.6
Financial activities.....	4,766	4,822	4,830	4,836	56.5	56.4	56.5	56.5
Professional and business services.....	9,186	9,406	9,437	9,460	45.0	45.2	45.2	45.3
Education and health services.....	17,808	18,092	18,116	18,157	77.0	77.0	77.0	77.1
Leisure and hospitality.....	8,324	8,522	8,539	8,563	52.0	52.4	52.5	52.6
Other services.....	3,044	3,095	3,099	3,116	52.8	53.0	53.0	53.2
Government.....	12,792	12,846	12,848	12,871	57.4	57.5	57.6	57.7

p Preliminary

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

## ESTABLISHMENT DATA

**Table B-6. Employment of production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup>**

[In thousands]

Industry	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>
Total private.....	102,186	103,768	103,897	104,064
Goods-producing.....	14,402	14,758	14,796	14,838
Mining and logging.....	490	536	542	546
Construction.....	5,200	5,359	5,367	5,390
Manufacturing.....	8,712	8,863	8,887	8,902
Durable goods.....	5,296	5,417	5,439	5,454
Nondurable goods.....	3,416	3,446	3,448	3,448
Private service-providing.....	87,784	89,010	89,101	89,226
Trade, transportation, and utilities.....	23,109	23,438	23,443	23,475
Wholesale trade.....	4,720.1	4,784.5	4,770.4	4,774.8
Retail trade.....	13,472.0	13,615.0	13,628.3	13,644.2
Transportation and warehousing.....	4,472.0	4,593.1	4,598.9	4,610.9
Utilities.....	445.1	445.1	445.4	445.0
Information.....	2,252	2,223	2,230	2,233
Financial activities.....	6,555	6,628	6,624	6,626
Professional and business services.....	16,687	16,956	16,997	17,037
Education and health services.....	20,305	20,638	20,665	20,690
Leisure and hospitality.....	14,104	14,299	14,301	14,319
Other services.....	4,772	4,828	4,841	4,846

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

p Preliminary

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

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

Industry	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	33.6	33.7	33.8	33.8
Goods-producing.....	41.3	41.6	41.8	41.7
Mining and logging.....	46.1	47.0	47.1	47.7
Construction.....	39.9	40.0	40.2	40.3
Manufacturing.....	41.9	42.2	42.4	42.2
Durable goods.....	42.4	42.5	42.7	42.3
Nondurable goods.....	41.1	41.7	41.9	41.9
Private service-providing.....	32.4	32.4	32.4	32.5
Trade, transportation, and utilities.....	33.7	33.9	33.9	33.9
Wholesale trade.....	38.9	38.9	38.9	39.0
Retail trade.....	30.1	30.4	30.3	30.4
Transportation and warehousing.....	38.3	38.2	38.3	38.2
Utilities.....	42.3	42.8	43.0	42.8
Information.....	35.8	35.9	35.9	35.6
Financial activities.....	37.0	36.9	37.0	37.0
Professional and business services.....	35.4	35.3	35.3	35.3
Education and health services.....	32.2	32.3	32.3	32.3
Leisure and hospitality.....	24.8	24.9	24.9	24.9
Other services.....	30.7	30.7	30.7	30.7
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	4.3	4.6	4.8	4.6
Durable goods.....	4.4	4.7	4.9	4.6
Nondurable goods.....	4.1	4.5	4.6	4.5

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

p Preliminary

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

**ESTABLISHMENT DATA**
**Table B-8. Average hourly and weekly earnings of production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup>**

Industry	Average hourly earnings				Average weekly earnings			
	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>
Total private.....	\$21.98	\$22.46	\$22.52	\$22.59	\$738.53	\$756.90	\$761.18	\$763.54
Goods-producing.....	23.05	23.72	23.81	23.83	951.97	986.75	995.26	993.71
Mining and logging.....	27.26	27.83	27.94	28.01	1,256.69	1,308.01	1,315.97	1,336.08
Construction.....	26.54	27.36	27.49	27.50	1,058.95	1,094.40	1,105.10	1,108.25
Manufacturing.....	20.80	21.36	21.43	21.41	871.52	901.39	908.63	903.50
Durable goods.....	21.78	22.29	22.39	22.36	923.47	947.33	956.05	945.83
Nondurable goods.....	19.22	19.88	19.89	19.91	789.94	829.00	833.39	834.23
Private service-providing.....	21.75	22.19	22.24	22.32	704.70	718.96	720.58	725.40
Trade, transportation, and utilities.....	19.28	19.68	19.76	19.87	649.74	667.15	669.86	673.59
Wholesale trade.....	24.59	24.87	24.91	25.11	956.55	967.44	969.00	979.29
Retail trade.....	15.26	15.69	15.81	15.93	459.33	476.98	479.04	484.27
Transportation and warehousing.....	21.23	21.74	21.79	21.79	813.11	830.47	834.56	832.38
Utilities.....	36.18	36.80	36.47	36.53	1,530.41	1,575.04	1,568.21	1,563.48
Information.....	30.70	31.49	31.29	31.73	1,099.06	1,130.49	1,123.31	1,129.59
Financial activities.....	26.48	26.84	26.89	26.95	979.76	990.40	994.93	997.15
Professional and business services.....	25.90	26.49	26.54	26.60	916.86	935.10	936.86	938.98
Education and health services.....	23.00	23.43	23.45	23.54	740.60	756.79	757.44	760.34
Leisure and hospitality.....	13.37	13.68	13.73	13.78	331.58	340.63	341.88	343.12
Other services.....	19.94	20.49	20.53	20.56	612.16	629.04	630.27	631.19

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

p Preliminary

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

## ESTABLISHMENT DATA

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

[2002=100]

Industry	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	Percent change from: Apr. 2018 - May 2018 <sup>p</sup>	May 2017	Mar. 2018	Apr. 2018 <sup>p</sup>	May 2018 <sup>p</sup>	Percent change from: Apr. 2018 - May 2018 <sup>p</sup>
Total private.....	114.4	116.5	117.0	117.2	0.2	168.0	174.9	176.1	176.9	0.5
Goods-producing.....	90.9	93.8	94.5	94.6	0.1	128.3	136.3	137.8	138.0	0.1
Mining and logging.....	120.0	133.9	135.7	138.4	2.0	190.3	216.7	220.4	225.5	2.3
Construction.....	103.9	107.3	108.0	108.8	0.7	148.9	158.6	160.4	161.5	0.7
Manufacturing.....	83.8	85.9	86.5	86.2	-0.3	114.0	119.9	121.2	120.7	-0.4
Durable goods.....	84.4	86.5	87.3	86.7	-0.7	114.8	120.4	122.0	121.0	-0.8
Nondurable goods.....	82.7	84.7	85.1	85.1	0.0	112.4	118.9	119.6	119.8	0.2
Private service-providing.....	121.1	122.8	122.9	123.5	0.5	180.7	186.9	187.5	189.0	0.8
Trade, transportation, and utilities.....	108.6	110.8	110.8	110.9	0.1	149.3	155.5	156.2	157.3	0.7
Wholesale trade.....	108.1	109.6	109.3	109.7	0.4	156.6	160.6	160.4	162.2	1.1
Retail trade.....	102.6	104.8	104.5	105.0	0.5	134.2	140.9	141.6	143.3	1.2
Transportation and warehousing.....	128.9	132.1	132.6	132.6	0.0	173.6	182.1	183.3	183.3	0.0
Utilities.....	96.3	97.4	97.9	97.4	-0.5	145.4	149.6	149.1	148.5	-0.4
Information.....	92.0	91.1	91.4	90.7	-0.8	139.8	142.0	141.5	142.5	0.7
Financial activities.....	114.2	115.1	115.4	115.4	0.0	186.0	190.1	190.9	191.4	0.3
Professional and business services.....	132.4	134.1	134.5	134.8	0.2	204.0	211.5	212.4	213.4	0.5
Education and health services.....	139.4	142.1	142.3	142.5	0.1	211.6	219.8	220.3	221.4	0.5
Leisure and hospitality.....	128.1	130.4	130.4	130.6	0.2	194.5	202.6	203.4	204.4	0.5
Other services.....	102.7	103.9	104.2	104.3	0.1	149.3	155.2	155.9	156.3	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 2017 benchmark levels and updated seasonal adjustment factors.