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THE EMPLOYMENT SITUATION — JULY 2019

Total **nonfarm payroll employment** rose by 164,000 in July, and the **unemployment rate** was unchanged at 3.7 percent, the U.S. Bureau of Labor Statistics reported today. Notable job gains occurred in professional and technical services, health care, social assistance, and financial activities.

Chart 1. Unemployment rate, seasonally adjusted, July 2017 – July 2019

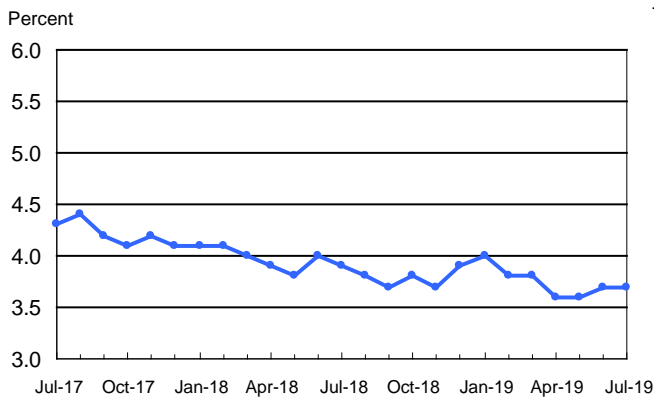
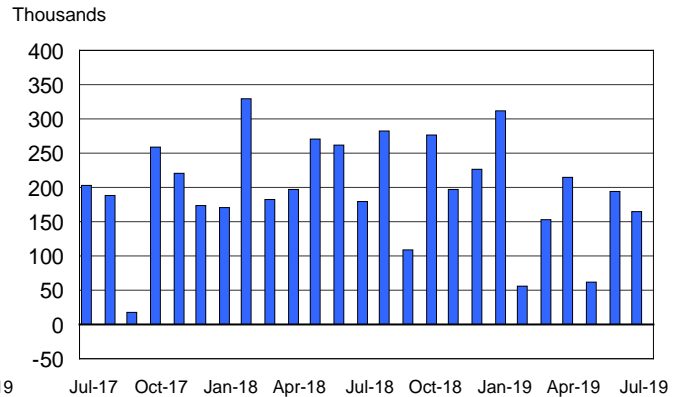


Chart 2. Nonfarm payroll employment over-the-month change, seasonally adjusted, July 2017 – July 2019



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

Household Survey Data

The **unemployment rate** held at 3.7 percent in July, and the number of **unemployed persons** was little changed at 6.1 million. (See table A-1.)

Among the **major worker groups**, the unemployment rate for Asians increased to 2.8 percent in July. The jobless rates for adult men (3.4 percent), adult women (3.4 percent), teenagers (12.8 percent),

Whites (3.3 percent), Blacks (6.0 percent), and Hispanics (4.5 percent) showed little or no change over the month. (See tables A-1, A-2, and A-3.)

In July, the number of persons **unemployed less than 5 weeks** increased by 240,000 to 2.2 million, while the number of **long-term unemployed** (those jobless for 27 weeks or more) declined by 248,000 to 1.2 million. The long-term unemployed accounted for 19.2 percent of the unemployed. (See table A-12.)

In July, the **labor force participation rate** was 63.0 percent, and the **employment-population ratio** was 60.7 percent. Both measures were little changed over the month and over the year. (See table A-1.)

The number of persons employed **part time for economic reasons** (sometimes referred to as involuntary part-time workers) declined by 363,000 in July to 4.0 million. 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. Over the past 12 months, the number of involuntary part-time workers has declined by 604,000. (See table A-8.)

In July, 1.5 million persons were **marginally attached to the labor force**, essentially unchanged from a year earlier. (Data are not seasonally adjusted.) These individuals were not in the labor force, wanted and were available for work, and had looked for a job sometime in the prior 12 months. They were not counted as unemployed because they had not searched for work in the 4 weeks preceding the survey. (See table A-16.)

Among the marginally attached, there were 368,000 **discouraged workers** in July, down by 144,000 from a year earlier. (Data are not seasonally adjusted.) Discouraged workers are persons not currently looking for work because they believe no jobs are available for them. The remaining 1.1 million persons marginally attached to the labor force in July 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 164,000 in July, in line with average employment growth in the first 6 months of the year. In 2018, employment gains had averaged 223,000 per month. In July, notable job gains occurred in professional and technical services (+31,000), health care (+30,000), social assistance (+20,000), and financial activities (+18,000). (See table B-1.)

Professional and technical services added 31,000 jobs in July, bringing the 12-month job gain to 300,000. In July, employment increased by 11,000 in computer systems design and related services; this industry accounted for about one-third of employment growth in professional and technical services both over the month and over the year.

Employment in **health care** rose by 30,000 over the month, reflecting a gain in ambulatory health care services (+29,000). Health care employment has increased by 405,000 over the year, with ambulatory health care services accounting for about two-thirds of the gain.

Social assistance added 20,000 jobs in July. Employment in this industry has increased by 143,000 over the year.

In July, **financial activities** employment rose by 18,000, with most of the gain occurring in insurance carriers and related activities (+11,000).

Mining employment declined by 5,000 in July, after showing little net change in recent months.

Manufacturing employment changed little in July (+16,000) and thus far in 2019. Job gains in the industry had averaged 22,000 per month in 2018.

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

In July, **average hourly earnings for all employees** on private nonfarm payrolls rose by 8 cents to \$27.98, following an 8-cent gain in June. Over the past 12 months, average hourly earnings have increased by 3.2 percent. In July, average hourly earnings of private-sector **production and nonsupervisory employees** rose by 4 cents to \$23.46. (See tables B-3 and B-8.)

The **average workweek for all employees** on private nonfarm payrolls decreased by 0.1 hour to 34.3 hours in July. In manufacturing, the average workweek decreased by 0.3 hour to 40.4 hours, and overtime declined by 0.2 hour to 3.2 hours. The average workweek of private-sector **production and nonsupervisory employees** declined by 0.1 hour to 33.5 hours. (See tables B-2 and B-7.)

The change in total nonfarm payroll employment for May was revised down by 10,000 from +72,000 to +62,000, and the change for June was revised down by 31,000 from +224,000 to +193,000. With these revisions, employment gains in May and June combined were 41,000 less 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 +140,000 per month over the last 3 months.

The Employment Situation for August is scheduled to be released on Friday, September 6, 2019, at 8:30 a.m. (EDT).

**2019 Preliminary Benchmark Revision to Establishment Survey Data
to be released on August 21, 2019**

Each year, the establishment survey estimates are benchmarked to comprehensive counts of employment from the Quarterly Census of Employment and Wages (QCEW) for the month of March. These counts are derived from state unemployment insurance (UI) tax records that nearly all employers are required to file. On August 21, 2019, at 10:00 a.m. (EDT), the Bureau of Labor Statistics (BLS) will release the preliminary estimate of the upcoming annual benchmark revision. This is the same day the first-quarter 2019 data from QCEW will be issued. Preliminary benchmark revisions for all major industry sectors, as well as total nonfarm and total private employment, will be available on the BLS website at www.bls.gov/web/empstat/cesprelbnk.htm.

The final benchmark revision will be issued with the publication of the January 2020 Employment Situation news release in February 2020.

HOUSEHOLD DATA

Summary table A. Household data, seasonally adjusted

[Numbers in thousands]

Category	July 2018	May 2019	June 2019	July 2019	Change from: June 2019-July 2019
Employment status					
Civilian noninstitutional population.....	257,843	258,861	259,037	259,225	188
Civilian labor force.....	162,209	162,646	162,981	163,351	370
Participation rate.....	62.9	62.8	62.9	63.0	0.1
Employed.....	155,964	156,758	157,005	157,288	283
Employment-population ratio.....	60.5	60.6	60.6	60.7	0.1
Unemployed.....	6,245	5,888	5,975	6,063	88
Unemployment rate.....	3.9	3.6	3.7	3.7	0.0
Not in labor force.....	95,633	96,215	96,057	95,874	-183
Unemployment rates					
Total, 16 years and over.....	3.9	3.6	3.7	3.7	0.0
Adult men (20 years and over).....	3.4	3.3	3.3	3.4	0.1
Adult women (20 years and over).....	3.6	3.2	3.3	3.4	0.1
Teenagers (16 to 19 years).....	13.1	12.7	12.7	12.8	0.1
White.....	3.3	3.3	3.3	3.3	0.0
Black or African American.....	6.6	6.2	6.0	6.0	0.0
Asian.....	3.1	2.5	2.1	2.8	0.7
Hispanic or Latino ethnicity.....	4.5	4.2	4.3	4.5	0.2
Total, 25 years and over.....	3.1	2.9	3.0	3.0	0.0
Less than a high school diploma.....	5.0	5.4	5.3	5.1	-0.2
High school graduates, no college.....	4.0	3.5	3.9	3.6	-0.3
Some college or associate degree.....	3.2	2.8	3.0	3.2	0.2
Bachelor's degree and higher.....	2.2	2.1	2.1	2.2	0.1
Reason for unemployment					
Job losers and persons who completed temporary jobs.....	2,996	2,664	2,736	2,798	62
Job leavers.....	835	803	888	833	-55
Reentrants.....	1,804	1,870	1,868	1,810	-58
New entrants.....	592	599	541	595	54
Duration of unemployment					
Less than 5 weeks.....	2,092	2,147	1,961	2,201	240
5 to 14 weeks.....	1,818	1,559	1,830	1,797	-33
15 to 26 weeks.....	959	799	769	905	136
27 weeks and over.....	1,418	1,298	1,414	1,166	-248
Employed persons at work part time					
Part time for economic reasons.....	4,588	4,355	4,347	3,984	-363
Slack work or business conditions.....	2,870	2,646	2,707	2,385	-322
Could only find part-time work.....	1,445	1,339	1,337	1,364	27
Part time for noneconomic reasons.....	21,525	21,366	21,524	21,437	-87
Persons not in the labor force (not seasonally adjusted)					
Marginally attached to the labor force.....	1,498	1,395	1,571	1,478	-
Discouraged workers.....	512	338	425	368	-

- 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	July 2018	May 2019	June 2019 ^p	July 2019 ^p
EMPLOYMENT BY SELECTED INDUSTRY (Over-the-month change, in thousands)				
Total nonfarm.....	178	62	193	164
Total private.....	173	81	179	148
Goods-producing.....	38	5	29	15
Mining and logging.....	-1	2	-1	-5
Construction.....	19	1	18	4
Manufacturing.....	20	2	12	16
Durable goods ¹	17	3	11	12
Motor vehicles and parts.....	-1.9	2.0	-0.1	7.2
Nondurable goods.....	3	-1	1	4
Private service-providing.....	135	76	150	133
Wholesale trade.....	14.4	5.4	-1.3	6.7
Retail trade.....	2.3	-12.2	-6.7	-3.6
Transportation and warehousing.....	8.0	3.4	20.5	0.3
Utilities.....	-2.9	1.1	1.4	-0.4
Information.....	1	9	14	-10
Financial activities.....	5	5	3	18
Professional and business services ¹	37	21	38	38
Temporary help services.....	5.1	-2.0	-0.9	2.2
Education and health services ¹	48	34	57	66
Health care and social assistance.....	37.2	28.2	44.8	50.4
Leisure and hospitality.....	35	12	7	10
Other services.....	-12	-3	17	8
Government.....	5	-19	14	16
(3-month average change, in thousands)				
Total nonfarm.....	237	144	157	140
Total private.....	224	143	152	136
WOMEN AND PRODUCTION AND NONSUPERVISORY EMPLOYEES AS A PERCENT OF ALL EMPLOYEES ²				
Total nonfarm women employees.....	49.7	49.9	49.8	49.9
Total private women employees.....	48.3	48.5	48.5	48.5
Total private production and nonsupervisory employees.....	82.4	82.4	82.3	82.3
HOURS AND EARNINGS ALL EMPLOYEES				
Total private				
Average weekly hours.....	34.5	34.4	34.4	34.3
Average hourly earnings.....	\$27.11	\$27.82	\$27.90	\$27.98
Average weekly earnings.....	\$935.30	\$957.01	\$959.76	\$959.71
Index of aggregate weekly hours (2007=100) ³	109.7	111.0	111.2	111.0
Over-the-month percent change.....	0.1	0.1	0.2	-0.2
Index of aggregate weekly payrolls (2007=100) ⁴	142.2	147.6	148.3	148.4
Over-the-month percent change.....	0.4	0.3	0.5	0.1
DIFFUSION INDEX (Over 1-month span) ⁵				
Total private (258 industries).....	61.8	54.8	58.1	59.9
Manufacturing (76 industries).....	63.2	50.0	57.2	56.6

¹ Includes other industries, not shown separately.

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

³ 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.

⁴ 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.

⁵ 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.

p Preliminary

NOTE: Data have been revised to reflect March 2018 benchmark levels and updated seasonal adjustment factors.

Frequently Asked Questions about Employment and Unemployment Estimates

1. Why are there two monthly measures of employment?

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

2. Are undocumented immigrants counted in the surveys?

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

3. Why does the establishment survey have revisions?

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

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

4. Does the establishment survey sample include small firms?

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

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

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

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

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

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

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

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

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

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

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

Technical Note

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

The establishment survey provides information on employment, hours, and earnings of employees on nonfarm payrolls; the data appear in the "B" tables, marked ESTABLISHMENT DATA. BLS collects these data each month from the payroll records of a sample of nonagricultural business establishments. Each month the CES program surveys about 142,000 businesses and government agencies, representing approximately 689,000 individual worksites, in order to provide detailed industry data on employment, hours, and earnings of workers on nonfarm payrolls. The active sample includes approximately one-third of all nonfarm payroll employees.

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

Coverage, definitions, and differences between surveys

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

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

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

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

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

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

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

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

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

Seasonal adjustment

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

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

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

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

Reliability of the estimates

Statistics based on the household and establishment surveys are subject to both sampling and nonsampling error.

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

For example, the confidence interval for the monthly change in total nonfarm employment from the establishment survey is on the order of plus or minus 110,000. Suppose the estimate of nonfarm employment increases by 50,000 from one month to the next. The 90-percent confidence interval on the monthly change would range from -60,000 to +160,000 (50,000 +/- 110,000). These figures do not mean that the sample results are off by these magnitudes, but rather that there is about a 90-percent chance that the true over-the-month change lies within this interval. Since this range includes values of less than zero, we could not say with confidence that nonfarm employment had, in fact, increased that month. If, however, the reported nonfarm employment rise was 250,000, then all of the values within the 90-percent confidence interval would be greater than zero. In this case, it is likely (at least a 90-percent chance) that nonfarm employment had, in fact, risen that month. At an unemployment rate of around 6.0 percent, the 90-percent confidence interval for the monthly change in unemployment as measured by the household survey is about +/- 300,000, and for the monthly change in the unemployment rate it is about +/- 0.2 percentage point.

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

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

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

Another major source of nonsampling error in the establishment survey is the inability to capture, on a timely basis, employment generated by new firms. To correct for this systematic underestimation of employment growth, an estimation procedure with two components is used to account for business births. The first component excludes employment losses from business deaths from sample-based estimation in order to offset the missing employment gains from business births. This is incorporated into the sample-based estimation procedure by simply not reflecting sample units going out of business, but imputing to them the same employment trend as the other firms in the sample. This procedure accounts for most of the net birth/death employment.

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

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

Other information

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

HOUSEHOLD DATA

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

[Numbers in thousands]

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted ¹					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
TOTAL									
Civilian noninstitutional population.....	257,843	259,037	259,225	257,843	258,537	258,693	258,861	259,037	259,225
Civilian labor force.....	163,734	164,120	164,941	162,209	162,960	162,470	162,646	162,981	163,351
Participation rate.....	63.5	63.4	63.6	62.9	63.0	62.8	62.8	62.9	63.0
Employed.....	157,004	157,828	158,385	155,964	156,748	156,645	156,758	157,005	157,288
Employment-population ratio.....	60.9	60.9	61.1	60.5	60.6	60.6	60.6	60.6	60.7
Unemployed.....	6,730	6,292	6,556	6,245	6,211	5,824	5,888	5,975	6,063
Unemployment rate.....	4.1	3.8	4.0	3.9	3.8	3.6	3.6	3.7	3.7
Not in labor force.....	94,109	94,917	94,284	95,633	95,577	96,223	96,215	96,057	95,874
Persons who currently want a job.....	5,483	5,725	5,289	5,192	5,227	5,121	5,045	5,322	5,043
Men, 16 years and over									
Civilian noninstitutional population.....	124,704	125,285	125,378	124,704	125,037	125,114	125,197	125,285	125,378
Civilian labor force.....	87,102	87,415	88,025	85,904	86,442	86,179	86,377	86,479	86,805
Participation rate.....	69.8	69.8	70.2	68.9	69.1	68.9	69.0	69.0	69.2
Employed.....	83,828	84,189	84,798	82,662	83,034	82,959	83,192	83,293	83,584
Employment-population ratio.....	67.2	67.2	67.6	66.3	66.4	66.3	66.4	66.5	66.7
Unemployed.....	3,274	3,226	3,227	3,242	3,408	3,221	3,185	3,185	3,221
Unemployment rate.....	3.8	3.7	3.7	3.8	3.9	3.7	3.7	3.7	3.7
Not in labor force.....	37,602	37,870	37,353	38,800	38,595	38,935	38,820	38,806	38,573
Men, 20 years and over									
Civilian noninstitutional population.....	116,220	116,843	116,939	116,220	116,586	116,665	116,752	116,843	116,939
Civilian labor force.....	83,534	83,837	84,284	83,019	83,573	83,373	83,561	83,501	83,794
Participation rate.....	71.9	71.8	72.1	71.4	71.7	71.5	71.6	71.5	71.7
Employed.....	80,800	81,173	81,561	80,217	80,564	80,576	80,766	80,718	80,981
Employment-population ratio.....	69.5	69.5	69.7	69.0	69.1	69.1	69.2	69.1	69.3
Unemployed.....	2,734	2,663	2,723	2,801	3,009	2,797	2,795	2,783	2,814
Unemployment rate.....	3.3	3.2	3.2	3.4	3.6	3.4	3.3	3.3	3.4
Not in labor force.....	32,685	33,006	32,655	33,201	33,013	33,292	33,191	33,341	33,144
Women, 16 years and over									
Civilian noninstitutional population.....	133,139	133,753	133,847	133,139	133,500	133,579	133,664	133,753	133,847
Civilian labor force.....	76,632	76,705	76,916	76,305	76,518	76,291	76,269	76,502	76,546
Participation rate.....	57.6	57.3	57.5	57.3	57.3	57.1	57.1	57.2	57.2
Employed.....	73,176	73,639	73,587	73,302	73,715	73,687	73,566	73,712	73,705
Employment-population ratio.....	55.0	55.1	55.0	55.1	55.2	55.2	55.0	55.1	55.1
Unemployed.....	3,456	3,066	3,329	3,003	2,803	2,604	2,703	2,790	2,841
Unemployment rate.....	4.5	4.0	4.3	3.9	3.7	3.4	3.5	3.6	3.7
Not in labor force.....	56,507	57,048	56,931	56,834	56,982	57,288	57,395	57,251	57,301
Women, 20 years and over									
Civilian noninstitutional population.....	124,875	125,509	125,604	124,875	125,252	125,332	125,419	125,509	125,604
Civilian labor force.....	73,004	73,297	73,269	73,295	73,525	73,419	73,347	73,579	73,548
Participation rate.....	58.5	58.4	58.3	58.7	58.7	58.6	58.5	58.6	58.6
Employed.....	69,975	70,714	70,415	70,622	71,072	71,131	70,981	71,139	71,069
Employment-population ratio.....	56.0	56.3	56.1	56.6	56.7	56.8	56.6	56.7	56.6
Unemployed.....	3,028	2,583	2,853	2,673	2,453	2,288	2,366	2,441	2,479
Unemployment rate.....	4.1	3.5	3.9	3.6	3.3	3.1	3.2	3.3	3.4
Not in labor force.....	51,871	52,212	52,336	51,580	51,727	51,913	52,071	51,929	52,057
Both sexes, 16 to 19 years									
Civilian noninstitutional population.....	16,748	16,686	16,682	16,748	16,698	16,696	16,690	16,686	16,682
Civilian labor force.....	7,196	6,986	7,389	5,896	5,862	5,678	5,738	5,900	6,009
Participation rate.....	43.0	41.9	44.3	35.2	35.1	34.0	34.4	35.4	36.0
Employed.....	6,228	5,941	6,409	5,125	5,113	4,938	5,011	5,148	5,239
Employment-population ratio.....	37.2	35.6	38.4	30.6	30.6	29.6	30.0	30.9	31.4
Unemployed.....	967	1,046	980	771	748	740	726	751	770
Unemployment rate.....	13.4	15.0	13.3	13.1	12.8	13.0	12.7	12.7	12.8
Not in labor force.....	9,552	9,700	9,293	10,852	10,837	11,018	10,953	10,786	10,673

¹ 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 ¹					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
WHITE									
Civilian noninstitutional population.....	200,236	200,746	200,843	200,236	200,508	200,576	200,658	200,746	200,843
Civilian labor force.....	126,927	127,131	127,549	125,716	126,404	125,900	125,980	126,244	126,345
Participation rate.....	63.4	63.3	63.5	62.8	63.0	62.8	62.8	62.9	62.9
Employed.....	122,332	122,708	122,968	121,507	122,143	121,944	121,883	122,125	122,144
Employment-population ratio.....	61.1	61.1	61.2	60.7	60.9	60.8	60.7	60.8	60.8
Unemployed.....	4,595	4,422	4,580	4,209	4,261	3,957	4,097	4,119	4,201
Unemployment rate.....	3.6	3.5	3.6	3.3	3.4	3.1	3.3	3.3	3.3
Not in labor force.....	73,309	73,615	73,294	74,521	74,104	74,676	74,678	74,502	74,498
Men, 20 years and over									
Civilian labor force.....	65,957	66,203	66,301	65,614	66,014	65,802	65,973	65,928	65,994
Participation rate.....	71.9	72.0	72.1	71.6	71.9	71.6	71.8	71.7	71.7
Employed.....	64,110	64,343	64,399	63,681	63,936	63,896	64,042	64,009	64,005
Employment-population ratio.....	69.9	70.0	70.0	69.5	69.6	69.6	69.7	69.6	69.6
Unemployed.....	1,847	1,860	1,902	1,933	2,078	1,906	1,931	1,919	1,989
Unemployment rate.....	2.8	2.8	2.9	2.9	3.1	2.9	2.9	2.9	3.0
Women, 20 years and over									
Civilian labor force.....	55,382	55,430	55,479	55,537	55,806	55,671	55,526	55,704	55,663
Participation rate.....	57.5	57.4	57.4	57.7	57.9	57.7	57.5	57.7	57.6
Employed.....	53,272	53,586	53,481	53,764	54,140	54,133	53,869	53,993	53,988
Employment-population ratio.....	55.3	55.5	55.4	55.9	56.1	56.1	55.8	55.9	55.9
Unemployed.....	2,110	1,844	1,998	1,774	1,666	1,538	1,657	1,711	1,675
Unemployment rate.....	3.8	3.3	3.6	3.2	3.0	2.8	3.0	3.1	3.0
Both sexes, 16 to 19 years									
Civilian labor force.....	5,588	5,498	5,768	4,565	4,585	4,427	4,482	4,612	4,687
Participation rate.....	45.4	44.9	47.1	37.1	37.4	36.1	36.6	37.7	38.3
Employed.....	4,950	4,780	5,088	4,063	4,067	3,915	3,972	4,123	4,151
Employment-population ratio.....	40.2	39.0	41.6	33.0	33.2	31.9	32.4	33.7	33.9
Unemployed.....	638	718	680	502	517	512	510	489	536
Unemployment rate.....	11.4	13.1	11.8	11.0	11.3	11.6	11.4	10.6	11.4
BLACK OR AFRICAN AMERICAN									
Civilian noninstitutional population.....	32,771	33,014	33,045	32,771	32,925	32,955	32,984	33,014	33,045
Civilian labor force.....	20,708	20,581	20,942	20,496	20,432	20,589	20,562	20,430	20,714
Participation rate.....	63.2	62.3	63.4	62.5	62.1	62.5	62.3	61.9	62.7
Employed.....	19,255	19,319	19,622	19,151	19,073	19,219	19,280	19,199	19,481
Employment-population ratio.....	58.8	58.5	59.4	58.4	57.9	58.3	58.5	58.2	59.0
Unemployed.....	1,453	1,262	1,319	1,345	1,359	1,370	1,282	1,231	1,233
Unemployment rate.....	7.0	6.1	6.3	6.6	6.7	6.7	6.2	6.0	6.0
Not in labor force.....	12,063	12,432	12,103	12,275	12,493	12,366	12,421	12,584	12,331
Men, 20 years and over									
Civilian labor force.....	9,410	9,378	9,600	9,325	9,399	9,456	9,422	9,303	9,502
Participation rate.....	68.5	67.6	69.1	67.9	68.0	68.3	68.0	67.1	68.4
Employed.....	8,841	8,878	9,061	8,756	8,753	8,811	8,833	8,768	8,953
Employment-population ratio.....	64.4	64.0	65.3	63.8	63.3	63.7	63.8	63.2	64.5
Unemployed.....	570	500	540	569	646	645	589	535	549
Unemployment rate.....	6.1	5.3	5.6	6.1	6.9	6.8	6.3	5.8	5.8
Women, 20 years and over									
Civilian labor force.....	10,391	10,359	10,388	10,424	10,316	10,411	10,469	10,396	10,421
Participation rate.....	62.8	62.1	62.2	63.0	62.0	62.5	62.8	62.3	62.4
Employed.....	9,709	9,813	9,800	9,793	9,777	9,859	9,934	9,846	9,877
Employment-population ratio.....	58.7	58.8	58.7	59.2	58.8	59.2	59.6	59.0	59.2
Unemployed.....	682	546	588	631	539	552	535	550	544
Unemployment rate.....	6.6	5.3	5.7	6.1	5.2	5.3	5.1	5.3	5.2
Both sexes, 16 to 19 years									
Civilian labor force.....	906	844	954	748	717	722	671	731	790
Participation rate.....	36.3	34.3	38.8	30.0	29.0	29.2	27.2	29.7	32.1
Employed.....	705	628	762	602	542	549	513	586	650
Employment-population ratio.....	28.2	25.5	31.0	24.1	21.9	22.2	20.8	23.8	26.4
Unemployed.....	201	216	192	145	174	173	158	145	140
Unemployment rate.....	22.2	25.6	20.1	19.4	24.3	24.0	23.5	19.9	17.7

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 ¹					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
ASIAN									
Civilian noninstitutional population.....	15,922	16,557	16,399	15,922	16,245	16,290	16,361	16,557	16,399
Civilian labor force.....	10,227	10,600	10,519	10,156	10,402	10,180	10,304	10,526	10,449
Participation rate.....	64.2	64.0	64.1	63.8	64.0	62.5	63.0	63.6	63.7
Employed.....	9,889	10,361	10,205	9,842	10,082	9,957	10,046	10,303	10,160
Employment-population ratio.....	62.1	62.6	62.2	61.8	62.1	61.1	61.4	62.2	62.0
Unemployed.....	338	239	314	314	320	223	258	222	289
Unemployment rate.....	3.3	2.3	3.0	3.1	3.1	2.2	2.5	2.1	2.8
Not in labor force.....	5,695	5,958	5,881	5,766	5,843	6,110	6,058	6,032	5,950

¹ 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 ¹					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
HISPANIC OR LATINO ETHNICITY									
Civilian noninstitutional population.....	42,767	43,453	43,537	42,767	43,205	43,289	43,370	43,453	43,537
Civilian labor force.....	28,701	28,989	29,097	28,502	28,929	28,546	28,689	28,855	28,896
Participation rate.....	67.1	66.7	66.8	66.6	67.0	65.9	66.2	66.4	66.4
Employed.....	27,380	27,721	27,733	27,223	27,566	27,348	27,493	27,602	27,581
Employment-population ratio.....	64.0	63.8	63.7	63.7	63.8	63.2	63.4	63.5	63.4
Unemployed.....	1,322	1,268	1,365	1,279	1,363	1,198	1,196	1,253	1,314
Unemployment rate.....	4.6	4.4	4.7	4.5	4.7	4.2	4.2	4.3	4.5
Not in labor force.....	14,066	14,464	14,440	14,265	14,277	14,743	14,681	14,599	14,642
Men, 20 years and over									
Civilian labor force.....	15,578	15,677	15,702	15,513	15,832	15,611	15,731	15,659	15,651
Participation rate.....	80.7	79.9	79.9	80.4	81.2	79.9	80.4	79.8	79.6
Employed.....	15,141	15,162	15,133	15,006	15,187	15,028	15,188	15,093	15,017
Employment-population ratio.....	78.4	77.3	77.0	77.7	77.9	76.9	77.6	76.9	76.4
Unemployed.....	436	515	569	508	646	583	543	566	634
Unemployment rate.....	2.8	3.3	3.6	3.3	4.1	3.7	3.4	3.6	4.0
Women, 20 years and over									
Civilian labor force.....	11,630	11,870	11,869	11,689	11,839	11,762	11,810	11,885	11,929
Participation rate.....	59.6	59.8	59.7	59.9	60.0	59.5	59.6	59.9	60.0
Employed.....	11,038	11,365	11,382	11,137	11,321	11,330	11,330	11,382	11,480
Employment-population ratio.....	56.5	57.2	57.2	57.0	57.4	57.3	57.2	57.3	57.7
Unemployed.....	592	506	487	552	518	432	480	503	449
Unemployment rate.....	5.1	4.3	4.1	4.7	4.4	3.7	4.1	4.2	3.8
Both sexes, 16 to 19 years									
Civilian labor force.....	1,494	1,442	1,527	1,299	1,257	1,172	1,149	1,310	1,316
Participation rate.....	37.9	36.2	38.3	33.0	31.7	29.5	28.9	32.9	33.0
Employed.....	1,200	1,195	1,218	1,080	1,058	989	975	1,126	1,084
Employment-population ratio.....	30.5	30.0	30.5	27.4	26.6	24.9	24.5	28.3	27.2
Unemployed.....	294	247	309	219	199	183	174	184	232
Unemployment rate.....	19.7	17.1	20.2	16.9	15.9	15.6	15.1	14.0	17.6

¹ 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					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
Less than a high school diploma									
Civilian labor force.....	10,047	10,181	9,812	10,205	10,142	9,996	9,915	10,025	9,975
Participation rate.....	46.1	46.1	46.3	46.9	46.1	45.3	44.6	45.4	47.1
Employed.....	9,573	9,713	9,358	9,691	9,548	9,460	9,383	9,489	9,466
Employment-population ratio.....	44.0	44.0	44.2	44.5	43.4	42.8	42.2	43.0	44.7
Unemployed.....	474	467	455	514	594	536	533	536	509
Unemployment rate.....	4.7	4.6	4.6	5.0	5.9	5.4	5.4	5.3	5.1
High school graduates, no college¹									
Civilian labor force.....	36,368	35,906	36,303	36,511	35,983	35,901	35,781	36,120	36,286
Participation rate.....	57.6	57.5	57.5	57.8	57.9	57.9	57.4	57.8	57.5
Employed.....	34,900	34,586	35,005	35,041	34,654	34,662	34,522	34,715	34,982
Employment-population ratio.....	55.3	55.4	55.5	55.5	55.8	55.9	55.4	55.6	55.4
Unemployed.....	1,468	1,319	1,297	1,470	1,329	1,239	1,259	1,404	1,304
Unemployment rate.....	4.0	3.7	3.6	4.0	3.7	3.5	3.5	3.9	3.6
Some college or associate degree									
Civilian labor force.....	37,533	37,216	37,213	37,502	37,268	37,290	37,614	37,200	37,222
Participation rate.....	65.4	64.7	65.0	65.3	65.2	64.6	65.3	64.7	65.0
Employed.....	36,305	36,109	35,982	36,306	36,012	36,141	36,569	36,069	36,028
Employment-population ratio.....	63.2	62.8	62.8	63.2	63.0	62.6	63.5	62.7	62.9
Unemployed.....	1,229	1,107	1,230	1,196	1,256	1,149	1,045	1,132	1,194
Unemployment rate.....	3.3	3.0	3.3	3.2	3.4	3.1	2.8	3.0	3.2
Bachelor's degree and higher²									
Civilian labor force.....	56,771	58,066	58,303	57,041	58,593	58,381	58,217	58,510	58,664
Participation rate.....	73.2	73.3	73.0	73.6	73.7	73.9	73.8	73.8	73.4
Employed.....	55,330	56,780	56,844	55,776	57,409	57,179	56,980	57,275	57,399
Employment-population ratio.....	71.4	71.7	71.1	71.9	72.2	72.3	72.2	72.3	71.8
Unemployed.....	1,441	1,286	1,459	1,266	1,184	1,202	1,237	1,235	1,265
Unemployment rate.....	2.5	2.2	2.5	2.2	2.0	2.1	2.1	2.1	2.2

¹ Includes persons with a high school diploma or equivalent.

² Includes persons with bachelor's, master's, professional, and doctoral degrees.

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

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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	
	July 2018	July 2019	July 2018	July 2019	July 2018	July 2019
VETERANS, 18 years and over						
Civilian noninstitutional population.....	19,183	18,805	17,317	16,920	1,866	1,885
Civilian labor force.....	9,428	9,287	8,294	8,210	1,134	1,077
Participation rate.....	49.1	49.4	47.9	48.5	60.8	57.1
Employed.....	9,145	8,970	8,038	7,948	1,107	1,022
Employment-population ratio.....	47.7	47.7	46.4	47.0	59.3	54.2
Unemployed.....	283	316	255	262	27	54
Unemployment rate.....	3.0	3.4	3.1	3.2	2.4	5.0
Not in labor force.....	9,755	9,518	9,023	8,710	732	808
Gulf War-era II veterans						
Civilian noninstitutional population.....	4,182	4,374	3,485	3,656	697	718
Civilian labor force.....	3,325	3,536	2,815	3,040	511	495
Participation rate.....	79.5	80.8	80.8	83.2	73.2	69.0
Employed.....	3,227	3,407	2,729	2,928	498	479
Employment-population ratio.....	77.2	77.9	78.3	80.1	71.5	66.8
Unemployed.....	99	128	86	112	12	16
Unemployment rate.....	3.0	3.6	3.1	3.7	2.4	3.2
Not in labor force.....	857	838	670	616	187	222
Gulf War-era I veterans						
Civilian noninstitutional population.....	3,063	3,030	2,564	2,518	499	512
Civilian labor force.....	2,440	2,309	2,067	1,973	372	336
Participation rate.....	79.7	76.2	80.6	78.4	74.7	65.5
Employed.....	2,381	2,234	2,014	1,913	367	321
Employment-population ratio.....	77.7	73.7	78.6	76.0	73.5	62.7
Unemployed.....	59	75	53	60	6	14
Unemployment rate.....	2.4	3.2	2.6	3.1	1.6	4.3
Not in labor force.....	623	721	497	545	126	177
World War II, Korean War, and Vietnam-era veterans						
Civilian noninstitutional population.....	7,608	7,196	7,349	6,948	259	248
Civilian labor force.....	1,604	1,479	1,573	1,439	31	41
Participation rate.....	21.1	20.6	21.4	20.7	12.1	16.3
Employed.....	1,526	1,425	1,497	1,391	30	34
Employment-population ratio.....	20.1	19.8	20.4	20.0	11.6	13.9
Unemployed.....	78	54	77	48	1	6
Unemployment rate.....	4.9	3.7	4.9	3.4	-	-
Not in labor force.....	6,004	5,717	5,776	5,509	228	207
Veterans of other service periods						
Civilian noninstitutional population.....	4,330	4,205	3,919	3,798	411	407
Civilian labor force.....	2,058	1,963	1,839	1,758	220	205
Participation rate.....	47.5	46.7	46.9	46.3	53.5	50.4
Employed.....	2,011	1,904	1,799	1,717	212	187
Employment-population ratio.....	46.4	45.3	45.9	45.2	51.6	46.0
Unemployed.....	47	59	40	41	8	18
Unemployment rate.....	2.3	3.0	2.2	2.3	3.6	8.7
Not in labor force.....	2,272	2,242	2,080	2,040	191	202
NONVETERANS, 18 years and over						
Civilian noninstitutional population.....	230,008	231,909	103,000	104,120	127,008	127,789
Civilian labor force.....	151,617	153,054	77,532	78,490	74,086	74,564
Participation rate.....	65.9	66.0	75.3	75.4	58.3	58.3
Employed.....	145,563	147,260	74,718	75,735	70,845	71,525
Employment-population ratio.....	63.3	63.5	72.5	72.7	55.8	56.0
Unemployed.....	6,054	5,794	2,814	2,755	3,241	3,040
Unemployment rate.....	4.0	3.8	3.6	3.5	4.4	4.1
Not in labor force.....	78,390	78,855	25,468	25,630	52,922	53,225

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	
	July 2018	July 2019	July 2018	July 2019
TOTAL, 16 years and over				
Civilian noninstitutional population.....	29,886	29,847	227,957	229,378
Civilian labor force.....	6,049	6,218	157,685	158,724
Participation rate.....	20.2	20.8	69.2	69.2
Employed.....	5,538	5,744	151,466	152,641
Employment-population ratio.....	18.5	19.2	66.4	66.5
Unemployed.....	511	474	6,219	6,082
Unemployment rate.....	8.5	7.6	3.9	3.8
Not in labor force.....	23,837	23,629	70,272	70,655
Men, 16 to 64 years				
Civilian labor force.....	2,580	2,610	78,914	79,382
Participation rate.....	34.8	36.5	83.7	84.0
Employed.....	2,343	2,402	76,101	76,526
Employment-population ratio.....	31.6	33.6	80.7	81.0
Unemployed.....	236	208	2,814	2,856
Unemployment rate.....	9.2	8.0	3.6	3.6
Not in labor force.....	4,834	4,532	15,347	15,078
Women, 16 to 64 years				
Civilian labor force.....	2,301	2,455	69,908	69,725
Participation rate.....	30.0	31.8	71.9	71.9
Employed.....	2,081	2,232	66,829	66,764
Employment-population ratio.....	27.1	28.9	68.8	68.9
Unemployed.....	220	223	3,079	2,962
Unemployment rate.....	9.5	9.1	4.4	4.2
Not in labor force.....	5,369	5,276	27,264	27,203
Both sexes, 65 years and over				
Civilian labor force.....	1,169	1,152	8,862	9,616
Participation rate.....	7.9	7.7	24.3	25.3
Employed.....	1,113	1,110	8,536	9,351
Employment-population ratio.....	7.5	7.4	23.4	24.6
Unemployed.....	56	43	326	265
Unemployment rate.....	4.8	3.7	3.7	2.8
Not in labor force.....	13,633	13,820	27,661	28,373

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	
	July 2018	July 2019	July 2018	July 2019	July 2018	July 2019
Foreign born, 16 years and over						
Civilian noninstitutional population.....	42,279	42,715	20,486	20,687	21,792	22,028
Civilian labor force.....	27,858	27,982	16,209	16,153	11,649	11,829
Participation rate.....	65.9	65.5	79.1	78.1	53.5	53.7
Employed.....	26,942	27,140	15,769	15,757	11,173	11,383
Employment-population ratio.....	63.7	63.5	77.0	76.2	51.3	51.7
Unemployed.....	916	842	440	397	476	445
Unemployment rate.....	3.3	3.0	2.7	2.5	4.1	3.8
Not in labor force.....	14,420	14,733	4,277	4,534	10,143	10,199
Native born, 16 years and over						
Civilian noninstitutional population.....	215,564	216,509	104,218	104,690	111,346	111,819
Civilian labor force.....	135,876	136,959	70,893	71,872	64,983	65,087
Participation rate.....	63.0	63.3	68.0	68.7	58.4	58.2
Employed.....	130,062	131,245	68,059	69,041	62,003	62,204
Employment-population ratio.....	60.3	60.6	65.3	65.9	55.7	55.6
Unemployed.....	5,814	5,714	2,834	2,831	2,980	2,884
Unemployment rate.....	4.3	4.2	4.0	3.9	4.6	4.4
Not in labor force.....	79,688	79,550	33,325	32,819	46,363	46,732

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					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
CLASS OF WORKER									
Agriculture and related industries.....	2,656	2,422	2,569	2,493	2,332	2,394	2,432	2,320	2,402
Wage and salary workers ¹	1,822	1,551	1,707	1,681	1,687	1,687	1,724	1,482	1,577
Self-employed workers, unincorporated.....	806	821	821	781	644	690	690	778	779
Unpaid family workers.....	28	51	42	-	-	-	-	-	-
Nonagricultural industries.....	154,348	155,406	155,816	153,425	154,358	154,271	154,314	154,725	154,904
Wage and salary workers ¹	145,370	146,537	146,774	144,411	145,609	145,675	145,590	145,906	145,880
Government.....	20,036	20,588	20,006	20,876	20,677	20,831	20,730	20,952	20,823
Private industries.....	125,335	125,949	126,768	123,496	124,948	124,892	124,870	124,901	125,012
Private households.....	800	849	808	-	-	-	-	-	-
Other industries.....	124,534	125,101	125,960	122,722	124,153	124,075	124,064	124,115	124,224
Self-employed workers, unincorporated.....	8,911	8,850	8,995	8,898	8,727	8,569	8,711	8,766	8,945
Unpaid family workers.....	66	19	46	-	-	-	-	-	-
PERSONS AT WORK PART TIME²									
 All industries									
Part time for economic reasons ³	4,766	4,602	4,102	4,588	4,499	4,654	4,355	4,347	3,984
Slack work or business conditions.....	2,922	2,837	2,387	2,870	2,909	2,891	2,646	2,707	2,385
Could only find part-time work.....	1,445	1,360	1,374	1,445	1,329	1,446	1,339	1,337	1,364
Part time for noneconomic reasons ⁴	20,059	20,555	20,038	21,525	21,297	21,322	21,366	21,524	21,437
 Nonagricultural industries									
Part time for economic reasons ³	4,701	4,529	4,017	4,510	4,439	4,589	4,241	4,258	3,878
Slack work or business conditions.....	2,891	2,787	2,329	2,831	2,854	2,865	2,565	2,669	2,323
Could only find part-time work.....	1,425	1,347	1,354	1,429	1,327	1,437	1,333	1,326	1,350
Part time for noneconomic reasons ⁴	19,694	20,213	19,656	21,154	20,995	20,985	21,038	21,188	21,049

¹ Includes self-employed workers whose businesses are incorporated.

² 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.

³ 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.

⁴ 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					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
AGE AND SEX									
Total, 16 years and over.....	157,004	157,828	158,385	155,964	156,748	156,645	156,758	157,005	157,288
16 to 19 years.....	6,228	5,941	6,409	5,125	5,113	4,938	5,011	5,148	5,239
16 to 17 years.....	2,296	2,035	2,154	1,813	1,759	1,723	1,704	1,756	1,704
18 to 19 years.....	3,933	3,906	4,254	3,316	3,356	3,198	3,294	3,398	3,559
20 years and over.....	150,775	151,888	151,976	150,839	151,635	151,707	151,747	151,857	152,050
20 to 24 years.....	14,668	14,699	14,787	14,122	14,064	14,192	14,303	14,291	14,233
25 years and over.....	136,107	137,189	137,189	136,766	137,685	137,481	137,369	137,547	137,837
25 to 54 years.....	100,005	100,449	99,911	100,420	100,792	100,687	100,636	100,665	100,373
25 to 34 years.....	35,353	35,699	35,369	35,440	35,695	35,582	35,616	35,708	35,486
35 to 44 years.....	32,546	32,933	32,904	32,695	32,855	32,918	32,961	32,973	33,044
45 to 54 years.....	32,107	31,816	31,638	32,285	32,241	32,187	32,059	31,985	31,842
55 years and over.....	36,102	36,740	37,278	36,346	36,893	36,794	36,733	36,882	37,464
Men, 16 years and over.....	83,828	84,189	84,798	82,662	83,034	82,959	83,192	83,293	83,584
16 to 19 years.....	3,028	3,016	3,237	2,445	2,470	2,383	2,426	2,575	2,603
16 to 17 years.....	1,072	1,082	1,115	813	882	893	841	896	855
18 to 19 years.....	1,956	1,934	2,123	1,630	1,594	1,486	1,590	1,681	1,762
20 years and over.....	80,800	81,173	81,561	80,217	80,564	80,576	80,766	80,718	80,981
20 to 24 years.....	7,522	7,533	7,620	7,137	7,120	7,203	7,285	7,279	7,228
25 years and over.....	73,278	73,641	73,941	73,124	73,520	73,379	73,477	73,430	73,761
25 to 54 years.....	53,794	53,776	53,775	53,674	53,968	53,813	53,727	53,630	53,688
25 to 34 years.....	19,126	19,123	19,143	19,055	19,314	19,186	19,181	19,009	19,088
35 to 44 years.....	17,737	17,867	17,842	17,686	17,720	17,768	17,753	17,792	17,790
45 to 54 years.....	16,931	16,786	16,789	16,934	16,933	16,859	16,793	16,829	16,810
55 years and over.....	19,484	19,865	20,166	19,450	19,553	19,566	19,750	19,800	20,073
Women, 16 years and over.....	73,176	73,639	73,587	73,302	73,715	73,687	73,566	73,712	73,705
16 to 19 years.....	3,201	2,924	3,172	2,680	2,643	2,555	2,585	2,573	2,636
16 to 17 years.....	1,224	953	1,040	1,000	877	830	863	860	849
18 to 19 years.....	1,977	1,972	2,132	1,686	1,762	1,712	1,704	1,718	1,797
20 years and over.....	69,975	70,714	70,415	70,622	71,072	71,131	70,981	71,139	71,069
20 to 24 years.....	7,146	7,166	7,168	6,985	6,944	6,989	7,018	7,012	7,005
25 years and over.....	62,829	63,548	63,248	63,642	64,164	64,102	63,891	64,117	64,076
25 to 54 years.....	46,211	46,673	46,136	46,746	46,824	46,874	46,908	47,035	46,685
25 to 34 years.....	16,226	16,576	16,225	16,385	16,381	16,396	16,434	16,698	16,398
35 to 44 years.....	14,809	15,067	15,062	15,009	15,135	15,150	15,208	15,181	15,254
45 to 54 years.....	15,176	15,030	14,848	15,352	15,308	15,327	15,266	15,156	15,032
55 years and over.....	16,618	16,875	17,112	16,896	17,340	17,228	16,983	17,082	17,392
MARITAL STATUS									
Married men, spouse present ¹	45,626	45,749	45,868	45,780	45,867	45,734	45,789	45,681	46,005
Married women, spouse present ¹	35,272	35,574	35,338	35,998	36,566	36,206	35,971	36,013	36,110
Women who maintain families ²	9,842	9,695	9,661	-	-	-	-	-	-
FULL- OR PART-TIME STATUS									
Full-time workers ³	130,644	131,542	132,153	128,978	129,969	129,778	129,695	130,148	130,429
Part-time workers ⁴	26,359	26,287	26,232	26,991	26,938	26,915	26,981	26,807	26,861
MULTIPLE JOBHOLDERS									
Total multiple jobholders.....	7,833	7,987	8,310	8,064	7,853	7,798	7,855	8,156	8,389
Percent of total employed.....	5.0	5.1	5.2	5.2	5.0	5.0	5.0	5.2	5.3
SELF-EMPLOYMENT									
Self-employed workers, incorporated.....	5,545	6,195	6,225	-	-	-	-	-	-
Self-employed workers, unincorporated.....	9,718	9,671	9,816	9,679	9,371	9,259	9,401	9,544	9,724

¹ Refers to persons in opposite-sex married couples only.

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

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

⁴ 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					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
AGE AND SEX									
Total, 16 years and over.....	6,245	5,975	6,063	3.9	3.8	3.6	3.6	3.7	3.7
16 to 19 years.....	771	751	770	13.1	12.8	13.0	12.7	12.7	12.8
16 to 17 years.....	279	300	312	13.4	12.6	13.7	14.1	14.6	15.5
18 to 19 years.....	476	442	438	12.6	12.7	12.4	11.9	11.5	10.9
20 years and over.....	5,474	5,224	5,293	3.5	3.5	3.2	3.3	3.3	3.4
20 to 24 years.....	1,040	967	1,032	6.9	7.2	6.5	7.0	6.3	6.8
25 years and over.....	4,445	4,268	4,268	3.1	3.1	2.9	2.9	3.0	3.0
25 to 54 years.....	3,286	3,154	3,225	3.2	3.2	3.0	2.9	3.0	3.1
25 to 34 years.....	1,296	1,324	1,377	3.5	4.0	3.9	3.5	3.6	3.7
35 to 44 years.....	1,029	956	963	3.1	2.8	2.7	2.6	2.8	2.8
45 to 54 years.....	961	873	885	2.9	2.9	2.5	2.5	2.7	2.7
55 years and over.....	1,151	1,150	1,052	3.1	2.7	2.6	2.7	3.0	2.7
Men, 16 years and over.....	3,242	3,185	3,221	3.8	3.9	3.7	3.7	3.7	3.7
16 to 19 years.....	440	402	407	15.3	13.9	15.1	13.9	13.5	13.5
16 to 17 years.....	151	145	155	15.7	11.7	12.5	15.5	14.0	15.3
18 to 19 years.....	274	248	235	14.4	14.7	16.6	12.8	12.9	11.8
20 years and over.....	2,801	2,783	2,814	3.4	3.6	3.4	3.3	3.3	3.4
20 to 24 years.....	573	585	591	7.4	8.8	7.7	8.3	7.4	7.6
25 years and over.....	2,242	2,192	2,221	3.0	3.1	2.9	2.8	2.9	2.9
25 to 54 years.....	1,634	1,646	1,705	3.0	3.2	3.1	2.9	3.0	3.1
25 to 34 years.....	685	718	737	3.5	3.7	3.6	3.4	3.6	3.7
35 to 44 years.....	469	445	484	2.6	2.8	2.7	2.6	2.4	2.6
45 to 54 years.....	480	482	483	2.8	2.9	2.8	2.6	2.8	2.8
55 years and over.....	608	546	517	3.0	2.8	2.6	2.6	2.7	2.5
Women, 16 years and over.....	3,003	2,790	2,841	3.9	3.7	3.4	3.5	3.6	3.7
16 to 19 years.....	330	349	363	11.0	11.7	11.0	11.5	12.0	12.1
16 to 17 years.....	128	155	157	11.4	13.5	15.0	12.6	15.2	15.7
18 to 19 years.....	203	193	203	10.7	10.7	8.3	11.0	10.1	10.1
20 years and over.....	2,673	2,441	2,479	3.6	3.3	3.1	3.2	3.3	3.4
20 to 24 years.....	467	382	440	6.3	5.5	5.3	5.6	5.2	5.9
25 years and over.....	2,203	2,077	2,047	3.3	3.1	2.9	2.9	3.1	3.1
25 to 54 years.....	1,653	1,508	1,521	3.4	3.3	3.0	2.9	3.1	3.2
25 to 34 years.....	612	607	639	3.6	4.3	4.2	3.6	3.5	3.8
35 to 44 years.....	560	511	480	3.6	2.7	2.6	2.7	3.3	3.0
45 to 54 years.....	481	391	402	3.0	2.8	2.2	2.4	2.5	2.6
55 years and over.....	528	580	513	3.0	2.6	2.6	3.1	3.3	2.9
MARITAL STATUS									
Married men, spouse present ¹	937	839	869	2.0	1.9	1.8	1.7	1.8	1.9
Married women, spouse present ¹	928	859	816	2.5	2.4	1.8	2.4	2.3	2.2
Women who maintain families ²	588	521	622	5.6	4.7	4.9	4.7	5.1	6.0
FULL- OR PART-TIME STATUS									
Full-time workers ³	5,037	4,733	4,872	3.8	3.7	3.5	3.5	3.5	3.6
Part-time workers ⁴	1,251	1,224	1,210	4.4	4.3	4.1	4.2	4.4	4.3

¹ Refers to persons in opposite-sex couples only.

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

³ 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.

⁴ 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					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
NUMBER OF UNEMPLOYED									
Job losers and persons who completed temporary jobs.....	3,164	2,703	2,986	2,996	2,837	2,651	2,664	2,736	2,798
On temporary layoff.....	1,080	841	1,050	879	878	717	869	801	836
Not on temporary layoff.....	2,084	1,862	1,935	2,117	1,960	1,934	1,795	1,935	1,963
Permanent job losers.....	1,438	1,315	1,362	1,437	1,379	1,302	1,289	1,358	1,361
Persons who completed temporary jobs....	646	547	573	680	580	632	506	577	602
Job leavers.....	869	871	877	835	779	737	803	888	833
Reentrants.....	1,893	1,963	1,881	1,804	2,007	1,926	1,870	1,868	1,810
New entrants.....	803	754	813	592	614	530	599	541	595
PERCENT DISTRIBUTION									
Job losers and persons who completed temporary jobs.....	47.0	43.0	45.5	48.1	45.5	45.4	44.9	45.3	46.4
On temporary layoff.....	16.0	13.4	16.0	14.1	14.1	12.3	14.6	13.3	13.8
Not on temporary layoff.....	31.0	29.6	29.5	34.0	31.4	33.1	30.2	32.1	32.5
Job leavers.....	12.9	13.8	13.4	13.4	12.5	12.6	13.5	14.7	13.8
Reentrants.....	28.1	31.2	28.7	29.0	32.2	33.0	31.5	31.0	30.0
New entrants.....	11.9	12.0	12.4	9.5	9.8	9.1	10.1	9.0	9.9
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE									
Job losers and persons who completed temporary jobs.....	1.9	1.6	1.8	1.8	1.7	1.6	1.6	1.7	1.7
Job leavers.....	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Reentrants.....	1.2	1.2	1.1	1.1	1.2	1.2	1.1	1.1	1.1
New entrants.....	0.5	0.5	0.5	0.4	0.4	0.3	0.4	0.3	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					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
NUMBER OF UNEMPLOYED									
Less than 5 weeks.....	2,248	2,615	2,387	2,092	2,126	1,904	2,147	1,961	2,201
5 to 14 weeks.....	2,185	1,635	2,164	1,818	1,815	1,842	1,559	1,830	1,797
15 weeks and over.....	2,297	2,042	2,005	2,377	2,256	2,084	2,097	2,182	2,071
15 to 26 weeks.....	818	737	773	959	950	854	799	769	905
27 weeks and over.....	1,480	1,304	1,232	1,418	1,305	1,230	1,298	1,414	1,166
Average (mean) duration, in weeks.....	22.0	20.2	18.7	23.1	22.2	22.9	24.1	22.2	19.6
Median duration, in weeks.....	8.8	7.3	7.9	9.6	9.6	9.4	9.1	9.6	8.9
PERCENT DISTRIBUTION									
Less than 5 weeks.....	33.4	41.6	36.4	33.3	34.3	32.7	37.0	32.8	36.3
5 to 14 weeks.....	32.5	26.0	33.0	28.9	29.3	31.6	26.9	30.6	29.6
15 weeks and over.....	34.1	32.5	30.6	37.8	36.4	35.7	36.1	36.5	34.1
15 to 26 weeks.....	12.2	11.7	11.8	15.2	15.3	14.6	13.8	12.9	14.9
27 weeks and over.....	22.0	20.7	18.8	22.6	21.1	21.1	22.4	23.7	19.2

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	
	July 2018	July 2019	July 2018	July 2019	July 2018	July 2019
Total, 16 years and over ¹	157,004	158,385	6,730	6,556	4.1	4.0
Management, professional, and related occupations.....	61,433	63,394	1,539	1,591	2.4	2.4
Management, business, and financial operations occupations.....	25,739	26,877	511	492	1.9	1.8
Professional and related occupations.....	35,694	36,517	1,028	1,099	2.8	2.9
Service occupations.....	27,887	27,975	1,508	1,319	5.1	4.5
Sales and office occupations.....	34,025	33,686	1,431	1,274	4.0	3.6
Sales and related occupations.....	16,023	15,998	662	523	4.0	3.2
Office and administrative support occupations.....	18,003	17,688	769	751	4.1	4.1
Natural resources, construction, and maintenance occupations.....	15,005	14,705	589	640	3.8	4.2
Farming, fishing, and forestry occupations.....	1,285	1,211	97	61	7.0	4.8
Construction and extraction occupations.....	8,527	8,545	373	406	4.2	4.5
Installation, maintenance, and repair occupations.....	5,193	4,948	119	174	2.2	3.4
Production, transportation, and material moving occupations.....	18,654	18,625	850	903	4.4	4.6
Production occupations.....	8,466	8,415	366	362	4.1	4.1
Transportation and material moving occupations.....	10,188	10,209	484	541	4.5	5.0

¹ 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	
	July 2018	July 2019	July 2018	July 2019
Total, 16 years and over ¹	6,730	6,556	4.1	4.0
Nonagricultural private wage and salary workers.....	4,819	4,633	3.7	3.5
Mining, quarrying, and oil and gas extraction.....	29	18	3.4	2.3
Construction.....	333	386	3.4	3.8
Manufacturing.....	596	472	3.8	3.0
Durable goods.....	339	295	3.5	3.0
Nondurable goods.....	257	178	4.4	3.1
Wholesale and retail trade.....	841	779	4.1	3.9
Transportation and utilities.....	254	277	3.6	3.7
Information.....	114	103	4.2	3.9
Financial activities.....	233	169	2.3	1.7
Professional and business services.....	632	635	3.6	3.4
Education and health services.....	767	757	3.2	3.1
Leisure and hospitality.....	779	805	5.2	5.3
Other services.....	242	233	3.5	3.4
Agriculture and related private wage and salary workers.....	112	77	5.9	4.4
Government workers.....	744	816	3.6	3.9
Self-employed workers, unincorporated, and unpaid family workers.....	253	216	2.5	2.1

¹ 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					
	July 2018	June 2019	July 2019	July 2018	Mar. 2019	Apr. 2019	May 2019	June 2019	July 2019
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	1.4	1.2	1.2	1.5	1.4	1.3	1.3	1.3	1.3
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.....	1.9	1.6	1.8	1.8	1.7	1.6	1.6	1.7	1.7
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	4.1	3.8	4.0	3.9	3.8	3.6	3.6	3.7	3.7
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	4.4	4.1	4.2	4.2	4.1	3.9	3.8	3.9	3.9
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	4.7	4.8	4.7	4.6	4.4	4.4	4.6	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.....	7.9	7.5	7.3	7.5	7.3	7.3	7.1	7.2	7.0

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

HOUSEHOLD DATA

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

[Numbers in thousands]

Category	Total		Men		Women	
	July 2018	July 2019	July 2018	July 2019	July 2018	July 2019
NOT IN THE LABOR FORCE						
Total not in the labor force.....	94,109	94,284	37,602	37,353	56,507	56,931
Persons who currently want a job.....	5,483	5,289	2,529	2,465	2,953	2,824
Marginally attached to the labor force ¹	1,498	1,478	727	795	771	683
Discouraged workers ²	512	368	327	212	184	156
Other persons marginally attached to the labor force ³ ..	986	1,110	400	583	587	527
MULTIPLE JOBHOLDERS						
Total multiple jobholders ⁴	7,833	8,310	3,715	4,080	4,118	4,230
Percent of total employed.....	5.0	5.2	4.4	4.8	5.6	5.7
Primary job full time, secondary job part time.....	4,255	4,503	2,222	2,387	2,034	2,116
Primary and secondary jobs both part time.....	2,030	2,091	685	725	1,346	1,367
Primary and secondary jobs both full time.....	416	376	234	268	182	108
Hours vary on primary or secondary job.....	1,085	1,277	551	678	534	599

¹ 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.

² 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.

³ 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.

⁴ 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: June 2019 - July 2019 ^P
	July 2018	May 2019	June 2019 ^P	July 2019 ^P	July 2018	May 2019	June 2019 ^P	July 2019 ^P	
Total nonfarm.....	148,948	151,610	152,242	151,183	149,185	151,074	151,267	151,431	164
Total private.....	127,775	128,771	129,796	129,926	126,727	128,562	128,741	128,889	148
Goods-producing.....	21,083	21,108	21,387	21,453	20,744	21,077	21,106	21,121	15
Mining and logging.....	745	754	762	762	734	758	757	752	-5
Logging.....	49.9	45.5	47.7	48.8	48.4	46.6	47.0	47.4	0.4
Mining.....	694.6	708.7	714.3	712.9	685.9	711.0	709.5	704.4	-5.1
Oil and gas extraction.....	148.0	156.6	160.1	159.2	146.0	156.6	158.3	157.1	-1.2
Mining, except oil and gas.....	196.9	196.9	199.3	197.1	193.1	195.2	195.1	193.7	-1.4
Coal mining.....	51.9	52.9	53.0	52.0	52.0	52.8	52.9	52.1	-0.8
Metal ore mining.....	42.5	41.3	41.9	42.1	41.9	41.2	41.4	41.5	0.1
Nonmetallic mineral mining and quarrying.....	102.5	102.7	104.4	103.0	99.2	101.1	100.8	100.2	-0.6
Support activities for mining.....	349.7	355.2	354.9	356.6	346.8	359.2	356.1	353.6	-2.5
Construction.....	7,555	7,543	7,700	7,756	7,303	7,483	7,501	7,505	4
Construction of buildings.....	1,675.9	1,647.1	1,684.7	1,696.5	1,631.7	1,650.3	1,653.6	1,655.1	1.5
Residential building.....	829.8	829.2	849.6	853.8	805.9	828.6	831.1	832.5	1.4
Nonresidential building.....	846.1	817.9	835.1	842.7	825.8	821.7	822.5	822.6	0.1
Heavy and civil engineering construction.....	1,121.1	1,113.0	1,133.8	1,136.8	1,058.9	1,079.0	1,079.4	1,075.1	-4.3
Specialty trade contractors.....	4,757.9	4,782.5	4,881.1	4,922.3	4,612.0	4,753.2	4,767.7	4,775.1	7.4
Residential specialty trade contractors.....	2,091.6	2,087.2	2,128.6	2,146.1	2,026.3	2,071.6	2,074.1	2,080.1	6.0
Nonresidential specialty trade contractors.....	2,666.3	2,695.3	2,752.5	2,776.2	2,585.7	2,681.6	2,693.6	2,695.0	1.4
Manufacturing.....	12,783	12,811	12,925	12,935	12,707	12,836	12,848	12,864	16
Durable goods.....	7,987	8,050	8,115	8,105	7,961	8,058	8,069	8,081	12
Wood products.....	411.0	407.1	412.0	413.6	407.4	408.8	409.4	409.9	0.5
Nonmetallic mineral products.....	421.2	418.7	422.2	422.1	414.3	414.9	415.6	415.9	0.3
Primary metals.....	377.5	381.4	381.9	378.9	377.4	380.9	380.6	379.3	-1.3
Fabricated metal products.....	1,478.8	1,482.8	1,493.4	1,491.2	1,471.3	1,482.8	1,483.5	1,484.0	0.5
Machinery.....	1,133.1	1,137.8	1,147.8	1,144.7	1,126.5	1,138.6	1,141.9	1,138.3	-3.6
Computer and electronic products.....	1,064.3	1,074.5	1,088.7	1,093.9	1,057.7	1,078.8	1,084.2	1,086.8	2.6
Computer and peripheral equipment.....	157.2	159.8	161.5	162.6	156.2	160.7	161.2	161.3	0.1
Communications equipment.....	85.8	85.2	86.1	86.2	85.2	85.8	85.6	85.8	0.2
Semiconductors and electronic components.....	373.6	375.4	380.0	381.7	371.1	376.7	378.1	379.1	1.0
Electronic instruments.....	414.1	420.5	427.0	429.5	411.7	421.8	425.4	426.8	1.4
Miscellaneous computer and electronic products.....	33.6	33.6	34.1	33.9	33.5	33.7	33.9	33.8	-0.1
Electrical equipment and appliances.....	402.9	400.7	403.3	406.3	399.9	402.6	402.6	403.3	0.7
Transportation equipment ¹	1,689.3	1,735.5	1,748.3	1,737.2	1,703.2	1,739.6	1,741.6	1,751.1	9.5
Motor vehicles and parts ²	976.5	995.6	1,001.6	987.7	993.6	998.4	998.3	1,005.5	7.2
Furniture and related products.....	397.5	394.0	395.5	396.7	394.9	394.0	392.1	394.1	2.0
Miscellaneous durable goods manufacturing.....	611.1	617.2	621.9	620.3	608.8	616.6	617.9	618.2	0.3
Nondurable goods.....	4,796	4,761	4,810	4,830	4,746	4,778	4,779	4,783	4
Food manufacturing.....	1,650.6	1,615.5	1,644.8	1,663.0	1,621.7	1,633.6	1,634.2	1,635.4	1.2
Textile mills.....	112.9	112.5	112.3	112.0	112.8	113.2	112.1	112.1	0.0
Textile product mills.....	116.4	113.4	113.5	115.0	115.9	114.2	114.0	114.5	0.5
Apparel.....	111.9	108.2	108.7	106.9	113.2	108.0	108.0	107.7	-0.3
Paper and paper products.....	368.2	371.1	371.2	371.4	366.8	370.3	369.5	370.2	0.7
Printing and related support activities.....	432.1	419.7	422.3	422.2	430.6	421.3	421.3	420.6	-0.7
Petroleum and coal products.....	119.7	118.2	119.0	118.9	116.2	117.0	116.0	115.8	-0.2
Chemicals.....	841.4	857.1	860.9	863.8	836.7	857.0	857.6	859.5	1.9
Plastics and rubber products.....	734.7	738.2	743.8	741.9	731.5	736.6	738.8	739.1	0.3
Miscellaneous nondurable goods manufacturing.....	308.1	306.8	313.1	315.3	300.2	306.6	307.7	307.6	-0.1
Private service-providing.....	106,692	107,663	108,409	108,473	105,983	107,485	107,635	107,768	133
Trade, transportation, and utilities.....	27,636	27,687	27,829	27,794	27,643	27,807	27,821	27,824	3
Wholesale trade.....	5,879.4	5,938.0	5,961.9	5,969.0	5,849.4	5,935.2	5,933.9	5,940.6	6.7
Durable goods.....	3,165.9	3,210.7	3,224.0	3,232.3	3,150.4	3,213.1	3,213.2	3,217.9	4.7
Nondurable goods.....	2,160.5	2,175.6	2,184.8	2,182.1	2,149.0	2,169.5	2,169.8	2,171.0	1.2

See footnotes at end of table.

ESTABLISHMENT DATA

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: June 2019 - July 2019 ^P
	July 2018	May 2019	June 2019 ^P	July 2019 ^P	July 2018	May 2019	June 2019 ^P	July 2019 ^P	
Wholesale trade - Continued									
Electronic markets and agents and brokers.....	553.0	551.7	553.1	554.6	550.0	552.6	550.9	551.7	0.8
Retail trade.....	15,854.5	15,691.6	15,776.1	15,781.3	15,824.4	15,774.8	15,768.1	15,764.5	-3.6
Motor vehicle and parts dealers.....	2,037.7	2,053.2	2,063.4	2,065.0	2,022.4	2,048.9	2,049.7	2,049.6	-0.1
Automobile dealers.....	1,303.9	1,309.2	1,311.5	1,314.1	1,299.2	1,310.0	1,308.5	1,309.4	0.9
Other motor vehicle dealers.....	166.5	166.1	168.3	166.6	157.3	159.5	159.0	157.9	-1.1
Auto parts, accessories, and tire stores...	567.3	577.9	583.6	584.3	566.0	579.3	582.2	582.3	0.1
Furniture and home furnishings stores.....	474.4	481.5	481.3	478.3	480.3	486.9	486.2	485.2	-1.0
Electronics and appliance stores.....	487.5	464.0	462.7	457.7	493.0	469.7	468.3	462.6	-5.7
Building material and garden supply stores.....	1,345.2	1,367.6	1,364.9	1,343.1	1,309.0	1,301.9	1,304.8	1,306.3	1.5
Food and beverage stores.....	3,107.4	3,104.6	3,138.4	3,145.7	3,082.9	3,117.4	3,116.8	3,122.1	5.3
Health and personal care stores.....	1,050.6	1,038.0	1,039.4	1,035.9	1,056.0	1,043.5	1,042.1	1,043.3	1.2
Gasoline stations.....	944.4	948.2	962.9	966.4	932.6	948.0	951.9	954.7	2.8
Clothing and clothing accessories stores...	1,377.3	1,284.3	1,301.0	1,316.1	1,381.1	1,328.3	1,325.4	1,324.8	-0.6
Sporting goods, hobby, book, and music stores.....	552.3	538.4	543.8	543.5	565.7	554.3	555.4	554.3	-1.1
General merchandise stores.....	3,060.3	2,997.2	2,998.2	3,011.8	3,093.4	3,056.5	3,052.8	3,050.6	-2.2
Department stores.....	1,122.8	1,078.1	1,079.9	1,088.9	1,146.9	1,120.3	1,117.6	1,113.9	-3.7
General merchandise stores, including warehouse clubs and supercenters.....	1,937.5	1,919.1	1,918.3	1,922.9	1,946.5	1,936.2	1,935.2	1,936.7	1.5
Miscellaneous store retailers.....	847.7	840.8	844.0	845.4	833.9	837.6	835.7	833.7	-2.0
Nonstore retailers.....	569.7	573.8	576.1	572.4	574.1	581.8	579.0	577.3	-1.7
Transportation and warehousing.....	5,344.7	5,504.6	5,532.4	5,484.6	5,417.2	5,543.4	5,563.9	5,564.2	0.3
Air transportation.....	506.1	515.3	522.0	523.4	501.7	514.6	518.4	519.3	0.9
Rail transportation.....	214.8	208.3	206.0	206.0	214.5	207.9	206.3	206.2	-0.1
Water transportation.....	67.6	66.2	66.4	67.2	64.7	64.9	64.3	64.4	0.1
Truck transportation.....	1,504.4	1,519.9	1,534.0	1,539.9	1,487.7	1,518.7	1,522.0	1,524.0	2.0
Transit and ground passenger transportation.....	425.4	507.4	486.5	422.5	486.0	490.2	491.9	483.7	-8.2
Pipeline transportation.....	49.1	48.1	48.1	48.4	49.0	47.9	48.1	48.1	0.0
Scenic and sightseeing transportation.....	44.6	36.7	44.2	45.4	33.7	34.3	34.9	34.4	-0.5
Support activities for transportation.....	712.1	717.0	723.7	720.5	711.0	719.4	723.8	720.0	-3.8
Couriers and messengers.....	690.4	709.0	722.1	728.3	729.2	756.2	762.9	769.6	6.7
Warehousing and storage.....	1,130.2	1,176.7	1,179.4	1,183.0	1,139.7	1,189.3	1,191.3	1,194.5	3.2
Utilities.....	557.0	552.3	558.4	559.0	552.4	553.4	554.8	554.4	-0.4
Information.....	2,850	2,806	2,839	2,837	2,832	2,815	2,829	2,819	-10
Publishing industries, except Internet.....	736.5	733.0	743.1	745.1	732.9	738.2	742.3	741.2	-1.1
Motion picture and sound recording industries.....	447.3	427.8	441.7	438.6	438.2	423.9	434.3	428.4	-5.9
Broadcasting, except Internet.....	268.6	267.9	268.7	267.1	270.1	269.9	269.1	268.7	-0.4
Telecommunications.....	752.9	717.0	717.5	713.2	751.0	720.6	717.8	712.7	-5.1
Data processing, hosting and related services.....	331.7	330.3	332.5	335.0	330.1	331.4	332.0	333.3	1.3
Other information services.....	312.5	330.2	335.2	338.0	309.6	331.4	333.1	335.1	2.0
Financial activities.....	8,653	8,636	8,714	8,761	8,572	8,656	8,659	8,677	18
Finance and insurance.....	6,348.3	6,317.5	6,353.2	6,386.1	6,315.5	6,336.7	6,337.1	6,351.0	13.9
Monetary authorities - central bank.....	19.9	19.6	19.4	19.7	19.6	19.6	19.4	19.4	0.0
Credit intermediation and related activities.....	2,666.6	2,624.0	2,639.6	2,649.1	2,649.9	2,631.7	2,630.6	2,631.4	0.8
Depository credit intermediation ¹	1,727.9	1,707.0	1,717.7	1,719.3	1,716.9	1,709.2	1,708.5	1,707.7	-0.8
Commercial banking.....	1,329.8	1,306.1	1,312.7	1,314.5	1,321.9	1,307.6	1,306.9	1,306.0	-0.9
Nondepository credit intermediation.....	629.1	613.0	618.0	623.9	625.8	616.9	618.0	619.5	1.5
Activities related to credit intermediation...	309.6	304.0	303.9	305.9	307.3	305.6	304.1	304.3	0.2
Securities, commodity contracts, investments, and funds and trusts.....	964.8	966.6	977.1	985.9	955.8	971.8	974.4	976.1	1.7
Insurance carriers and related activities.....	2,697.0	2,707.3	2,717.1	2,731.4	2,690.2	2,713.6	2,712.7	2,724.1	11.4
Real estate and rental and leasing.....	2,304.7	2,318.1	2,360.5	2,374.4	2,256.6	2,319.3	2,321.9	2,326.2	4.3
Real estate.....	1,688.8	1,699.4	1,725.9	1,735.7	1,664.0	1,704.3	1,707.6	1,710.8	3.2

See footnotes at end of table.

ESTABLISHMENT DATA

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: June 2019 - July 2019 ^P
	July 2018	May 2019	June 2019 ^P	July 2019 ^P	July 2018	May 2019	June 2019 ^P	July 2019 ^P	
Real estate and rental and leasing - Continued									
Rental and leasing services.....	591.7	595.7	610.9	615.2	569.0	592.0	591.3	592.5	1.2
Lessors of nonfinancial intangible assets....	24.2	23.0	23.7	23.5	23.6	23.0	23.0	22.9	-0.1
Professional and business services.....	21,139	21,399	21,577	21,605	21,017	21,408	21,446	21,484	38
Professional and technical services.....	9,326.2	9,494.8	9,568.3	9,632.4	9,313.9	9,553.0	9,582.9	9,613.7	30.8
Legal services.....	1,152.2	1,139.5	1,155.5	1,154.9	1,141.8	1,143.5	1,144.1	1,144.2	0.1
Accounting and bookkeeping services.....	959.4	1,004.4	1,000.2	1,006.5	1,016.7	1,051.0	1,056.0	1,059.6	3.6
Architectural and engineering services.....	1,499.9	1,513.5	1,535.1	1,544.6	1,477.2	1,514.8	1,517.5	1,521.3	3.8
Specialized design services.....	143.3	150.1	150.0	148.3	143.1	148.8	148.8	148.6	-0.2
Computer systems design and related services.....	2,139.7	2,202.1	2,210.3	2,236.4	2,127.0	2,202.8	2,212.0	2,222.6	10.6
Management and technical consulting services.....	1,490.6	1,518.1	1,531.1	1,540.9	1,483.1	1,522.6	1,527.5	1,533.3	5.8
Scientific research and development services.....	707.3	722.1	733.5	741.3	696.8	722.8	726.6	730.2	3.6
Advertising and related services.....	491.9	490.4	492.8	495.7	489.3	490.0	491.1	492.8	1.7
Other professional and technical services....	741.9	754.6	759.8	763.8	739.0	756.6	759.2	761.3	2.1
Management of companies and enterprises....	2,395.9	2,411.5	2,430.1	2,435.4	2,375.3	2,412.6	2,414.1	2,415.0	0.9
Administrative and waste services.....	9,416.5	9,492.2	9,579.0	9,537.2	9,327.7	9,442.6	9,449.3	9,455.0	5.7
Administrative and support services.....	8,968.5	9,038.3	9,117.0	9,072.0	8,888.6	8,989.0	8,993.8	8,998.5	4.7
Office administrative services.....	516.9	529.8	533.8	534.5	515.9	529.2	530.5	532.4	1.9
Facilities support services.....	152.9	155.4	155.9	156.6	153.3	156.0	156.7	156.9	0.2
Employment services ¹	3,633.9	3,686.1	3,710.7	3,670.4	3,674.0	3,710.4	3,709.5	3,715.0	5.5
Temporary help services.....	2,960.6	3,009.5	3,026.8	2,985.5	3,004.1	3,032.3	3,031.4	3,033.6	2.2
Business support services.....	883.0	879.4	878.6	880.9	897.5	895.0	894.9	895.3	0.4
Travel arrangement and reservation services.....	221.7	217.9	218.8	217.2	218.4	215.4	215.0	214.3	-0.7
Investigation and security services.....	948.5	953.6	953.5	951.1	948.2	953.7	953.3	952.3	-1.0
Services to buildings and dwellings.....	2,283.6	2,275.4	2,322.5	2,325.2	2,155.0	2,194.1	2,197.3	2,197.6	0.3
Other support services.....	328.0	340.7	343.2	336.1	326.3	335.2	336.6	334.7	-1.9
Waste management and remediation services.....	448.0	453.9	462.0	465.2	439.1	453.6	455.5	456.5	1.0
Education and health services.....	23,333	24,218	24,038	23,951	23,694	24,176	24,233	24,299	66
Educational services.....	3,423.5	3,808.3	3,586.1	3,483.8	3,749.7	3,779.8	3,791.3	3,807.0	15.7
Health care and social assistance.....	19,909.4	20,410.0	20,452.3	20,467.1	19,943.9	20,396.6	20,441.4	20,491.8	50.4
Health care ³	16,024.4	16,336.4	16,399.6	16,430.2	16,006.8	16,350.8	16,381.7	16,412.1	30.4
Ambulatory health care services.....	7,502.8	7,735.0	7,755.9	7,776.8	7,503.0	7,730.5	7,747.0	7,775.9	28.9
Offices of physicians.....	2,621.0	2,675.9	2,684.8	2,690.7	2,618.6	2,678.9	2,685.5	2,688.5	3.0
Offices of dentists.....	955.9	983.0	984.0	984.9	955.7	983.5	981.7	985.5	3.8
Offices of other health practitioners....	930.3	968.5	968.4	972.7	930.6	964.7	965.7	973.0	7.3
Outpatient care centers.....	935.2	968.4	970.3	972.6	934.9	967.4	970.5	972.9	2.4
Medical and diagnostic laboratories....	280.0	289.3	291.4	293.1	279.6	290.3	290.6	292.1	1.5
Home health care services.....	1,471.7	1,537.5	1,544.4	1,551.0	1,474.8	1,534.7	1,541.9	1,552.6	10.7
Other ambulatory health care services.....	308.7	312.4	312.6	311.8	308.9	311.1	311.0	311.3	0.3
Hospitals.....	5,151.4	5,217.0	5,241.6	5,242.5	5,145.8	5,231.6	5,241.0	5,238.9	-2.1
Nursing and residential care facilities....	3,370.2	3,384.4	3,402.1	3,410.9	3,358.0	3,388.7	3,393.7	3,397.3	3.6
Nursing care facilities.....	1,609.0	1,601.9	1,609.7	1,613.6	1,604.1	1,605.6	1,607.8	1,608.6	0.8
Residential mental health facilities....	644.8	651.8	655.7	657.9	642.9	651.2	653.5	655.2	1.7
Community care facilities for the elderly.....	949.5	961.6	967.1	968.3	946.5	962.9	964.0	964.5	0.5
Other residential care facilities.....	166.9	169.1	169.6	171.1	164.4	169.0	168.5	169.0	0.5
Social assistance.....	3,885.0	4,073.6	4,052.7	4,036.9	3,937.1	4,045.8	4,059.7	4,079.7	20.0
Individual and family services.....	2,476.6	2,559.4	2,565.3	2,578.0	2,471.0	2,550.6	2,557.7	2,570.3	12.6
Emergency and other relief services....	173.2	176.4	178.8	178.8	173.5	177.2	178.8	178.9	0.1
Vocational rehabilitation services....	336.6	329.6	330.6	332.7	330.4	328.7	327.3	326.4	-0.9
Child day care services.....	898.6	1,008.2	978.0	947.4	962.1	989.3	995.9	1,004.0	8.1
Leisure and hospitality.....	17,164	16,961	17,396	17,504	16,378	16,699	16,706	16,716	10
Arts, entertainment, and recreation.....	2,762.4	2,534.7	2,753.8	2,821.9	2,389.6	2,453.5	2,449.5	2,449.4	-0.1
Performing arts and spectator sports.....	529.2	552.2	552.8	544.2	500.6	518.8	519.1	515.6	-3.5

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: June 2019 - July 2019 ^p
	July 2018	May 2019	June 2019 ^p	July 2019 ^p	July 2018	May 2019	June 2019 ^p	July 2019 ^p	
Arts, entertainment, and recreation - Continued									
Museums, historical sites, and similar institutions.....	188.7	181.2	190.7	193.7	170.2	174.7	175.0	175.0	0.0
Amusements, gambling, and recreation.....	2,044.5	1,801.3	2,010.3	2,084.0	1,718.8	1,760.0	1,755.4	1,758.8	3.4
Accommodation and food services.....	14,401.2	14,426.2	14,641.7	14,682.0	13,988.2	14,245.2	14,256.0	14,266.2	10.2
Accommodation.....	2,195.8	2,064.5	2,171.8	2,222.2	2,035.7	2,057.9	2,066.1	2,060.9	-5.2
Food services and drinking places.....	12,205.4	12,361.7	12,469.9	12,459.8	11,952.5	12,187.3	12,189.9	12,205.3	15.4
Other services.....	5,917	5,956	6,016	6,021	5,847	5,924	5,941	5,949	8
Repair and maintenance.....	1,335.0	1,362.6	1,368.2	1,370.9	1,329.5	1,353.2	1,359.1	1,364.4	5.3
Personal and laundry services.....	1,517.9	1,554.1	1,551.1	1,543.6	1,508.0	1,535.3	1,534.2	1,534.4	0.2
Membership associations and organizations...	3,063.8	3,039.0	3,096.7	3,106.9	3,009.2	3,035.4	3,047.9	3,049.7	1.8
Government.....	21,173	22,839	22,446	21,257	22,458	22,512	22,526	22,542	16
Federal.....	2,810.0	2,814.0	2,832.0	2,834.0	2,796.0	2,815.0	2,818.0	2,820.0	2.0
Federal, except U.S. Postal Service.....	2,204.8	2,206.4	2,225.2	2,226.8	2,189.6	2,205.7	2,207.9	2,210.4	2.5
U.S. Postal Service.....	605.3	607.4	606.4	607.3	606.6	608.9	609.9	609.7	-0.2
State government.....	4,850.0	5,166.0	4,901.0	4,820.0	5,179.0	5,159.0	5,156.0	5,156.0	0.0
State government education.....	2,136.9	2,464.4	2,184.4	2,099.7	2,484.1	2,464.0	2,457.5	2,454.1	-3.4
State government, excluding education.....	2,712.7	2,701.9	2,716.5	2,719.8	2,695.1	2,695.4	2,698.0	2,701.4	3.4
Local government.....	13,513.0	14,859.0	14,713.0	13,603.0	14,483.0	14,538.0	14,552.0	14,566.0	14.0
Local government education.....	6,757.0	8,302.8	7,946.5	6,778.8	7,972.7	7,981.9	7,979.5	7,991.2	11.7
Local government, excluding education.....	6,756.2	6,555.8	6,766.5	6,823.9	6,510.4	6,556.0	6,572.8	6,574.6	1.8

¹ Includes other industries, not shown separately.

² Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

³ Includes ambulatory health care services, hospitals, and nursing and residential care facilities.

p Preliminary

NOTE: Data have been revised to reflect March 2018 benchmark levels and updated seasonal adjustment factors.

ESTABLISHMENT DATA

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

Industry	July 2018	May 2019	June 2019 ^p	July 2019 ^p
AVERAGE WEEKLY HOURS				
Total private.....	34.5	34.4	34.4	34.3
Goods-producing.....	40.6	40.3	40.4	40.2
Mining and logging.....	45.9	46.3	46.5	46.4
Construction.....	39.4	39.1	39.3	39.1
Manufacturing.....	41.0	40.6	40.7	40.4
Durable goods.....	41.4	41.0	41.1	40.8
Nondurable goods.....	40.3	40.0	40.0	39.7
Private service-providing.....	33.3	33.2	33.2	33.2
Trade, transportation, and utilities.....	34.6	34.2	34.2	34.1
Wholesale trade.....	39.0	38.9	38.9	38.8
Retail trade.....	31.1	30.7	30.7	30.7
Transportation and warehousing.....	39.1	38.5	38.4	38.1
Utilities.....	41.9	42.1	42.6	41.9
Information.....	36.0	36.4	36.4	36.1
Financial activities.....	37.5	37.6	37.6	37.6
Professional and business services.....	36.2	36.2	36.2	36.1
Education and health services.....	32.9	33.0	32.9	32.9
Leisure and hospitality.....	26.1	25.9	25.9	25.8
Other services.....	31.8	31.8	31.8	31.8
AVERAGE OVERTIME HOURS				
Manufacturing.....	3.5	3.4	3.4	3.2
Durable goods.....	3.5	3.3	3.3	3.2
Nondurable goods.....	3.5	3.5	3.5	3.3

p Preliminary

NOTE: Data have been revised to reflect March 2018 benchmark levels and updated seasonal adjustment factors.

ESTABLISHMENT DATA

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

Industry	Average hourly earnings				Average weekly earnings			
	July 2018	May 2019	June 2019 ^p	July 2019 ^p	July 2018	May 2019	June 2019 ^p	July 2019 ^p
Total private.....	\$27.11	\$27.82	\$27.90	\$27.98	\$935.30	\$957.01	\$959.76	\$959.71
Goods-producing.....	28.24	28.90	28.97	29.02	1,146.54	1,164.67	1,170.39	1,166.60
Mining and logging.....	32.49	33.57	33.70	34.09	1,491.29	1,554.29	1,567.05	1,581.78
Construction.....	29.92	30.68	30.72	30.75	1,178.85	1,199.59	1,207.30	1,202.33
Manufacturing.....	27.03	27.58	27.67	27.70	1,108.23	1,119.75	1,126.17	1,119.08
Durable goods.....	28.41	29.05	29.14	29.13	1,176.17	1,191.05	1,197.65	1,188.50
Nondurable goods.....	24.66	25.04	25.12	25.20	993.80	1,001.60	1,004.80	1,000.44
Private service-providing.....	26.84	27.57	27.65	27.74	893.77	915.32	917.98	920.97
Trade, transportation, and utilities.....	23.32	24.13	24.20	24.28	806.87	825.25	827.64	827.95
Wholesale trade.....	30.47	31.34	31.38	31.34	1,188.33	1,219.13	1,220.68	1,215.99
Retail trade.....	18.76	19.53	19.63	19.76	583.44	599.57	602.64	606.63
Transportation and warehousing.....	24.31	24.84	24.84	25.01	950.52	956.34	953.86	952.88
Utilities.....	40.81	41.83	41.79	41.66	1,709.94	1,761.04	1,780.25	1,745.55
Information.....	39.75	41.84	41.75	42.35	1,431.00	1,522.98	1,519.70	1,528.84
Financial activities.....	34.81	35.85	36.03	36.11	1,305.38	1,347.96	1,354.73	1,357.74
Professional and business services.....	32.61	33.46	33.53	33.63	1,180.48	1,211.25	1,213.79	1,214.04
Education and health services.....	27.05	27.36	27.46	27.52	889.95	902.88	903.43	905.41
Leisure and hospitality.....	16.00	16.51	16.56	16.59	417.60	427.61	428.90	428.02
Other services.....	24.55	24.94	24.96	25.00	780.69	793.09	793.73	795.00

p Preliminary

NOTE: Data have been revised to reflect March 2018 benchmark levels and updated seasonal adjustment factors.

ESTABLISHMENT DATA

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

[2007=100]

Industry	Index of aggregate weekly hours ¹					Index of aggregate weekly payrolls ²				
	July 2018	May 2019	June 2019 ^P	July 2019 ^P	Percent change from: June 2019 - July 2019 ^P	July 2018	May 2019	June 2019 ^P	July 2019 ^P	Percent change from: June 2019 - July 2019 ^P
Total private.....	109.7	111.0	111.2	111.0	-0.2	142.2	147.6	148.3	148.4	0.1
Goods-producing.....	96.0	96.8	97.1	96.7	-0.4	122.5	126.4	127.2	126.9	-0.2
Mining and logging.....	105.9	110.3	110.6	109.6	-0.9	138.1	148.6	149.7	150.1	0.3
Construction.....	99.2	100.9	101.6	101.2	-0.4	128.9	134.4	135.6	135.2	-0.3
Manufacturing.....	93.7	93.8	94.1	93.5	-0.6	117.8	120.3	121.1	120.4	-0.6
Durable goods.....	92.8	93.0	93.4	92.8	-0.6	117.1	120.0	120.8	120.1	-0.6
Nondurable goods.....	95.5	95.4	95.4	94.8	-0.6	119.5	121.2	121.6	121.2	-0.3
Private service-providing.....	113.5	114.8	115.0	115.1	0.1	148.1	153.8	154.5	155.2	0.5
Trade, transportation, and utilities.....	104.3	103.7	103.8	103.5	-0.3	131.1	134.9	135.3	135.4	0.1
Wholesale trade.....	100.6	101.8	101.8	101.7	-0.1	128.2	133.5	133.6	133.3	-0.2
Retail trade.....	99.9	98.3	98.3	98.3	0.0	123.9	126.9	127.5	128.3	0.6
Transportation and warehousing.....	121.1	122.0	122.1	121.2	-0.7	149.3	153.7	153.9	153.7	-0.1
Utilities.....	100.1	100.8	102.3	100.5	-1.8	135.0	139.3	141.2	138.3	-2.1
Information.....	93.1	93.6	94.0	92.9	-1.2	131.8	139.4	139.8	140.1	0.2
Financial activities.....	105.3	106.6	106.6	106.9	0.3	142.9	149.1	149.9	150.5	0.4
Professional and business services.....	119.3	121.5	121.7	121.6	-0.1	157.5	164.6	165.3	165.6	0.2
Education and health services.....	127.3	130.3	130.2	130.5	0.2	165.6	171.5	172.0	172.8	0.5
Leisure and hospitality.....	122.0	123.4	123.5	123.1	-0.3	157.4	164.4	164.9	164.7	-0.1
Other services.....	107.2	108.6	108.9	109.1	0.2	144.2	148.5	149.0	149.5	0.3

¹ 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.

² The indexes of aggregate weekly payrolls are calculated by dividing the current month's estimates of aggregate weekly payrolls by the corresponding 2007 annual average aggregate weekly payrolls. Aggregate payrolls estimates are the product of estimates of average hourly earnings, average weekly hours, and employment.

p Preliminary

NOTE: Data have been revised to reflect March 2018 benchmark levels and updated seasonal adjustment factors.

ESTABLISHMENT DATA

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

Industry	Women employees (in thousands)				Percent of all employees			
	July 2018	May 2019	June 2019 ^p	July 2019 ^p	July 2018	May 2019	June 2019 ^p	July 2019 ^p
Total nonfarm.....	74,091	75,329	75,405	75,584	49.7	49.9	49.8	49.9
Total private.....	61,163	62,329	62,403	62,561	48.3	48.5	48.5	48.5
Goods-producing.....	4,593	4,706	4,712	4,731	22.1	22.3	22.3	22.4
Mining and logging.....	93	98	99	100	12.7	12.9	13.1	13.3
Construction.....	935	971	973	977	12.8	13.0	13.0	13.0
Manufacturing.....	3,565	3,637	3,640	3,654	28.1	28.3	28.3	28.4
Durable goods.....	1,889	1,933	1,937	1,943	23.7	24.0	24.0	24.0
Nondurable goods.....	1,676	1,704	1,703	1,711	35.3	35.7	35.6	35.8
Private service-providing.....	56,570	57,623	57,691	57,830	53.4	53.6	53.6	53.7
Trade, transportation, and utilities.....	11,109	11,154	11,144	11,159	40.2	40.1	40.1	40.1
Wholesale trade.....	1,746.6	1,789.7	1,787.8	1,793.1	29.9	30.2	30.1	30.2
Retail trade.....	7,884.0	7,828.9	7,815.7	7,809.8	49.8	49.6	49.6	49.5
Transportation and warehousing.....	1,348.7	1,402.5	1,406.7	1,422.1	24.9	25.3	25.3	25.6
Utilities.....	129.3	132.6	133.4	134.0	23.4	24.0	24.0	24.2
Information.....	1,117	1,118	1,123	1,126	39.4	39.7	39.7	39.9
Financial activities.....	4,852	4,892	4,890	4,896	56.6	56.5	56.5	56.4
Professional and business services.....	9,505	9,751	9,773	9,803	45.2	45.5	45.6	45.6
Education and health services.....	18,275	18,676	18,723	18,792	77.1	77.3	77.3	77.3
Leisure and hospitality.....	8,603	8,867	8,869	8,882	52.5	53.1	53.1	53.1
Other services.....	3,109	3,165	3,169	3,172	53.2	53.4	53.3	53.3
Government.....	12,928	13,000	13,002	13,023	57.6	57.7	57.7	57.8

p Preliminary

NOTE: Data have been revised to reflect March 2018 benchmark levels and updated seasonal adjustment factors.

ESTABLISHMENT DATA

Table B-6. Employment of production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹

[In thousands]

Industry	July 2018	May 2019	June 2019 ^p	July 2019 ^p
Total private.....	104,418	105,872	105,978	106,105
Goods-producing.....	14,909	15,104	15,112	15,134
Mining and logging.....	546	558	555	549
Construction.....	5,454	5,569	5,585	5,592
Manufacturing.....	8,909	8,977	8,972	8,993
Durable goods.....	5,472	5,547	5,549	5,571
Nondurable goods.....	3,437	3,430	3,423	3,422
Private service-providing.....	89,509	90,768	90,866	90,971
Trade, transportation, and utilities.....	23,389	23,531	23,530	23,529
Wholesale trade.....	4,696.0	4,770.7	4,766.5	4,767.0
Retail trade.....	13,523.9	13,469.7	13,457.8	13,444.3
Transportation and warehousing.....	4,726.9	4,847.2	4,861.0	4,874.0
Utilities.....	442.0	443.2	444.9	444.1
Information.....	2,276	2,266	2,277	2,269
Financial activities.....	6,630	6,704	6,699	6,713
Professional and business services.....	17,153	17,443	17,457	17,482
Education and health services.....	20,807	21,230	21,289	21,346
Leisure and hospitality.....	14,413	14,686	14,693	14,707
Other services.....	4,841	4,908	4,921	4,925

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

^p Preliminary

NOTE: Data have been revised to reflect March 2018 benchmark levels and updated seasonal adjustment factors.

ESTABLISHMENT DATA

Table B-7. Average weekly hours and overtime of production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹

Industry	July 2018	May 2019	June 2019 ^p	July 2019 ^p
AVERAGE WEEKLY HOURS				
Total private.....	33.8	33.6	33.6	33.5
Goods-producing.....	41.6	41.1	41.2	41.0
Mining and logging.....	46.7	46.8	47.3	47.2
Construction.....	40.1	39.7	39.9	39.7
Manufacturing.....	42.2	41.6	41.6	41.5
Durable goods.....	42.5	41.9	42.0	41.8
Nondurable goods.....	41.9	41.1	41.1	41.0
Private service-providing.....	32.5	32.3	32.4	32.3
Trade, transportation, and utilities.....	34.1	33.7	33.8	33.7
Wholesale trade.....	38.9	38.6	38.7	38.6
Retail trade.....	30.5	30.2	30.3	30.2
Transportation and warehousing.....	38.6	37.9	37.8	37.6
Utilities.....	42.5	42.4	42.2	42.0
Information.....	35.6	35.4	35.6	35.0
Financial activities.....	37.1	36.9	36.8	36.8
Professional and business services.....	35.4	35.4	35.4	35.4
Education and health services.....	32.2	32.2	32.2	32.2
Leisure and hospitality.....	24.9	24.6	24.7	24.6
Other services.....	30.7	30.7	30.7	30.7
AVERAGE OVERTIME HOURS				
Manufacturing.....	4.5	4.2	4.2	4.0
Durable goods.....	4.6	4.2	4.2	4.0
Nondurable goods.....	4.4	4.3	4.3	4.1

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

^p Preliminary

NOTE: Data have been revised to reflect March 2018 benchmark levels and updated seasonal adjustment factors.

ESTABLISHMENT DATA

Table B-8. Average hourly and weekly earnings of production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹

Industry	Average hourly earnings				Average weekly earnings			
	July 2018	May 2019	June 2019 ^p	July 2019 ^p	July 2018	May 2019	June 2019 ^p	July 2019 ^p
Total private.....	\$22.71	\$23.38	\$23.42	\$23.46	\$767.60	\$785.57	\$786.91	\$785.91
Goods-producing.....	23.95	24.66	24.71	24.71	996.32	1,013.53	1,018.05	1,013.11
Mining and logging.....	28.22	29.97	29.82	29.69	1,317.87	1,402.60	1,410.49	1,401.37
Construction.....	27.73	28.44	28.45	28.41	1,111.97	1,129.07	1,135.16	1,127.88
Manufacturing.....	21.46	22.04	22.11	22.16	905.61	916.86	919.78	919.64
Durable goods.....	22.47	22.96	23.03	23.09	954.98	962.02	967.26	965.16
Nondurable goods.....	19.83	20.54	20.59	20.62	830.88	844.19	846.25	845.42
Private service-providing.....	22.44	23.11	23.14	23.19	729.30	746.45	749.74	749.04
Trade, transportation, and utilities.....	19.88	20.69	20.66	20.68	677.91	697.25	698.31	696.92
Wholesale trade.....	25.14	26.09	26.14	26.04	977.95	1,007.07	1,011.62	1,005.14
Retail trade.....	15.94	16.64	16.59	16.65	486.17	502.53	502.68	502.83
Transportation and warehousing.....	21.82	22.59	22.53	22.59	842.25	856.16	851.63	849.38
Utilities.....	36.59	37.05	36.71	36.66	1,555.08	1,570.92	1,549.16	1,539.72
Information.....	31.81	33.47	33.55	33.65	1,132.44	1,184.84	1,194.38	1,177.75
Financial activities.....	26.90	27.56	27.71	27.72	997.99	1,016.96	1,019.73	1,020.10
Professional and business services.....	26.85	27.59	27.68	27.74	950.49	976.69	979.87	982.00
Education and health services.....	23.67	24.05	24.11	24.20	762.17	774.41	776.34	779.24
Leisure and hospitality.....	13.89	14.42	14.43	14.46	345.86	354.73	356.42	355.72
Other services.....	20.81	21.16	21.19	21.22	638.87	649.61	650.53	651.45

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

p Preliminary

NOTE: Data have been revised to reflect March 2018 benchmark levels and updated seasonal adjustment factors.

ESTABLISHMENT DATA

Table B-9. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹

[2002=100]

Industry	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
	July 2018	May 2019	June 2019 ^p	July 2019 ^p	Percent change from: June 2019 - July 2019 ^p	July 2018	May 2019	June 2019 ^p	July 2019 ^p	Percent change from: June 2019 - July 2019 ^p
Total private.....	117.6	118.5	118.6	118.4	-0.2	178.5	185.2	185.7	185.7	0.0
Goods-producing.....	94.8	94.9	95.1	94.8	-0.3	139.0	143.2	144.0	143.5	-0.3
Mining and logging.....	135.5	138.8	139.5	137.7	-1.3	222.4	241.9	241.9	237.8	-1.7
Construction.....	109.5	110.7	111.6	111.2	-0.4	164.0	170.0	171.4	170.5	-0.5
Manufacturing.....	86.3	85.7	85.7	85.7	0.0	121.1	123.6	123.9	124.2	0.2
Durable goods.....	87.4	87.3	87.6	87.5	-0.1	122.6	125.2	125.9	126.1	0.2
Nondurable goods.....	84.8	83.1	82.9	82.7	-0.2	118.9	120.6	120.6	120.5	-0.1
Private service-providing.....	123.9	124.9	125.4	125.1	-0.2	190.6	197.9	199.0	199.0	0.0
Trade, transportation, and utilities.....	111.4	110.7	111.1	110.7	-0.4	158.1	163.6	163.8	163.5	-0.2
Wholesale trade.....	108.4	109.3	109.5	109.2	-0.3	160.9	168.3	168.9	167.8	-0.7
Retail trade.....	104.4	102.9	103.2	102.7	-0.5	142.6	146.8	146.7	146.6	-0.1
Transportation and warehousing.....	137.2	138.2	138.2	137.8	-0.3	189.9	198.0	197.5	197.5	0.0
Utilities.....	96.1	96.1	96.0	95.4	-0.6	146.7	148.6	147.1	146.0	-0.7
Information.....	92.5	91.6	92.5	90.6	-2.1	145.6	151.7	153.7	151.0	-1.8
Financial activities.....	115.8	116.5	116.1	116.3	0.2	191.6	197.5	197.8	198.3	0.3
Professional and business services.....	135.8	138.1	138.2	138.4	0.1	216.8	226.5	227.4	228.3	0.4
Education and health services.....	142.8	145.8	146.2	146.5	0.2	223.2	231.4	232.6	234.1	0.6
Leisure and hospitality.....	131.5	132.3	132.9	132.5	-0.3	207.4	216.7	217.8	217.6	-0.1
Other services.....	104.2	105.7	106.0	106.0	0.0	158.0	162.9	163.6	163.9	0.2

¹ 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.

² 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.

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

p Preliminary

NOTE: Data have been revised to reflect March 2018 benchmark levels and updated seasonal adjustment factors.