



Transmission of material in this news release is embargoed until 8:30 a.m. (ET) Friday, October 7, 2022

USDL-22-1967

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THE EMPLOYMENT SITUATION — SEPTEMBER 2022

Total **nonfarm payroll employment** increased by 263,000 in September, and the **unemployment rate** edged down to 3.5 percent, the U.S. Bureau of Labor Statistics reported today. Notable job gains occurred in leisure and hospitality and in health care.

Chart 1. Unemployment rate, seasonally adjusted, September 2019 – September 2022

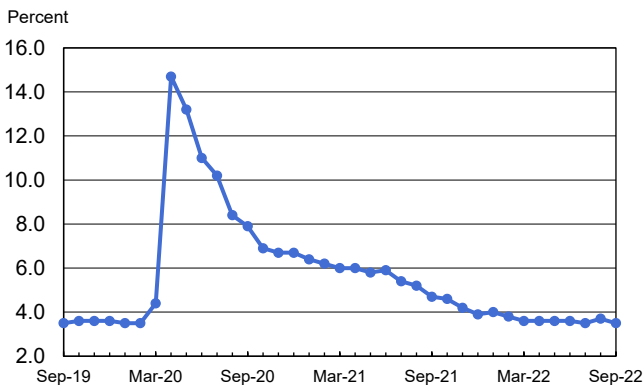
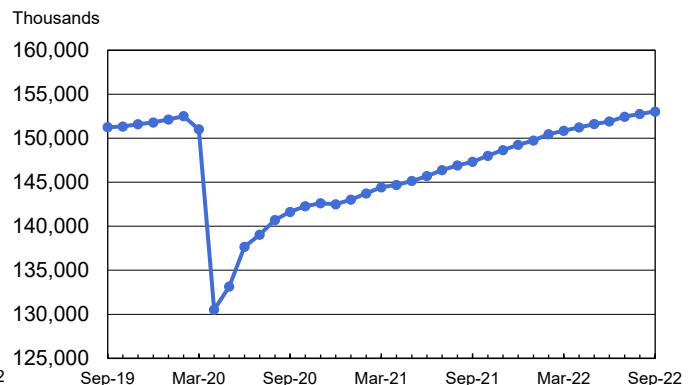


Chart 2. Nonfarm payroll employment, seasonally adjusted, September 2019 – September 2022



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.

Hurricane Ian

Hurricane Ian had no discernible effect on the employment and unemployment data for September. Household survey data collection was completed before the storm made landfall in Florida, and establishment survey data collection rates were within normal ranges nationally and for the affected areas. For information on how unusually severe weather can affect the employment and hours estimates, see the Frequently Asked Questions section of this news release.

Household Survey Data

The unemployment rate edged down to 3.5 percent in September, returning to its July level. The number of **unemployed persons** edged down to 5.8 million in September. (See table A-1.)

Among the **major worker groups**, the unemployment rate for Hispanics decreased to 3.8 percent in September. The jobless rates for adult men (3.3 percent), adult women (3.1 percent), teenagers (11.4 percent), Whites (3.1 percent), Blacks (5.8 percent), and Asians (2.5 percent) showed little change over the month. (See tables A-1, A-2, and A-3.)

Among the unemployed, the number of **permanent job losers** decreased by 173,000 to 1.2 million in September. The number of persons on **temporary layoff** changed little at 758,000. (See table A-11.)

The number of **long-term unemployed** (those jobless for 27 weeks or more) was little changed at 1.1 million in September. The long-term unemployed accounted for 18.5 percent of all unemployed persons. (See table A-12.)

The **labor force participation rate** was little changed at 62.3 percent in September, and the **employment-population ratio** was unchanged at 60.1 percent. Both measures are 1.1 percentage points below their values in February 2020, prior to the coronavirus (COVID-19) pandemic. (See table A-1.)

The number of persons employed **part time for economic reasons** decreased by 306,000 to 3.8 million in September. These individuals, who would have preferred full-time employment, were working part time because their hours had been reduced or they were unable to find full-time jobs. (See table A-8.)

The number of persons **not in the labor force who currently want a job** was little changed at 5.8 million in September and remains above its February 2020 level of 5.0 million. These individuals were not counted as unemployed because they were not actively looking for work during the 4 weeks preceding the survey or were unavailable to take a job. (See table A-1.)

Among those not in the labor force who wanted a job, the number of persons **marginally attached to the labor force** was little changed in September at 1.6 million. These individuals wanted and were available for work and had looked for a job sometime in the prior 12 months but had not looked for work in the 4 weeks preceding the survey. The number of **discouraged workers**, a subset of the marginally attached who believed that no jobs were available for them, increased by 119,000 to 485,000 in September. (See Summary table A.)

Household Survey Supplemental Data

In September, 5.2 percent of employed persons **teleworked because of the coronavirus pandemic**, down from 6.5 percent in the prior month. In May 2020, the first month these data were collected, 35.4 percent of employed persons teleworked because of the coronavirus pandemic. These data refer to employed persons who teleworked or worked at home for pay at some point in the 4 weeks preceding the survey specifically because of the pandemic.

In September, 1.4 million persons reported they had been **unable to work because their employer closed or lost business due to the pandemic**—that is, they did not work at all or worked fewer hours at some point in the 4 weeks preceding the survey due to the pandemic. This measure is down from 1.9 million in the previous month and from 49.8 million in May 2020. Among those who reported in

September that they were unable to work because of pandemic-related closures or lost business, 21.4 percent **received at least some pay from their employer** for the hours not worked, essentially the same as in August.

Among those not in the labor force in September, 452,000 persons were **prevented from looking for work due to the pandemic**, little changed from the prior month. In May 2020, 9.7 million persons were prevented from looking for work due to the pandemic. (To be counted as unemployed, by definition, individuals must be either actively looking for work or on temporary layoff.)

These supplemental data come from questions added to the household survey from May 2020 through September 2022 to help gauge the effects of the pandemic on the labor market. The data are not seasonally adjusted. Tables with estimates from the supplemental questions for all months are available online at www.bls.gov/cps/effects-of-the-coronavirus-covid-19-pandemic.htm. For information about the new supplemental questions being introduced in October 2022, see the box note on page 5.

Establishment Survey Data

Total **nonfarm payroll employment** increased by 263,000 in September. Monthly job growth has averaged 420,000 thus far in 2022, compared with 562,000 per month in 2021. In September, notable job gains occurred in leisure and hospitality and in health care. (See table B-1.)

Leisure and hospitality added 83,000 jobs in September, in line with the average monthly job gain over the first 8 months of the year. Within the industry, employment in food services and drinking places rose by 60,000 in September. Employment in leisure and hospitality is below its pre-pandemic February 2020 level by 1.1 million, or 6.7 percent.

In September, employment in **health care** rose by 60,000 and has returned to its February 2020 level. Over the month, ambulatory health care services and hospitals each added 28,000 jobs.

Employment in **professional and business services** continued its upward trend in September (+46,000). Thus far in 2022, job growth in the industry has averaged 72,000 per month. Employment in temporary help services continued to trend up (+27,000) in September. Job gains occurred in investigation and security services (+9,000) and in scientific research and development services (+5,000). Job losses occurred in business support services (-12,000), legal services (-5,000), and advertising and related services (-5,000).

Manufacturing employment continued to trend up in September (+22,000). Job gains occurred in motor vehicles and parts (+8,000), fabricated metal products (+6,000), and electrical equipment and appliances (+3,000). Printing and related support activities lost 4,000 jobs over the month. Manufacturing has added an average of 36,000 jobs per month thus far in 2022.

In September, employment in **construction** continued to trend up (+19,000), in line with average monthly job growth in the first 8 months of this year. Specialty trade contractors added 18,000 jobs in September.

Employment in **wholesale trade** continued its upward trend in September (+11,000). Wholesale trade has added an average of 18,000 jobs per month thus far in 2022.

In September, employment in **financial activities** changed little (-8,000), as declines in insurance carriers and related activities (-9,000) and nondepository credit intermediation (-7,000) were partially offset by a job gain in depository credit intermediation (+5,000).

Employment in **transportation and warehousing** was little changed in September (-8,000). A loss of 11,000 jobs in truck transportation was partially offset by a gain of 3,000 jobs in air transportation.

Employment showed little change over the month in other major industries, including **mining, retail trade, information, other services, and government**.

In September, **average hourly earnings for all employees** on private nonfarm payrolls rose by 10 cents, or 0.3 percent, to \$32.46. Over the past 12 months, average hourly earnings have increased by 5.0 percent. In September, average hourly earnings of private-sector **production and nonsupervisory employees** rose by 10 cents, or 0.4 percent, to \$27.77. (See tables B-3 and B-8.)

In September, the **average workweek for all employees** on private nonfarm payrolls was 34.5 hours for the fourth month in a row. In manufacturing, the average workweek for all employees was unchanged at 40.3 hours, and overtime held at 3.2 hours. The average workweek for **production and nonsupervisory employees** on private nonfarm payrolls increased by 0.1 hour to 34.0 hours. (See tables B-2 and B-7.)

The change in total nonfarm payroll employment for July was revised up by 11,000, from +526,000 to +537,000, and the change for August remained at +315,000. After revision, employment gains in July and August combined were 11,000 higher 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.)

The Employment Situation for October is scheduled to be released on Friday, November 4, 2022, at 8:30 a.m. (ET).

Upcoming Changes to Household Survey Supplemental Data

The supplemental questions that BLS added to the household survey in May 2020 to examine the effects of the coronavirus (COVID-19) pandemic on the labor market were asked for the last time in September 2022. These questions asked whether people teleworked or worked from home because of the pandemic, whether people were unable to work because their employers closed or lost business due to the pandemic, whether they were paid for that missed work, and whether the pandemic prevented job-seeking activities. These questions had become less relevant than they were earlier in the pandemic. This Employment Situation news release is the last one to contain data from these questions.

To improve the relevancy of the supplemental pandemic-related questions, four new questions that focus on telework will be asked starting in October 2022. These new questions will ask whether people teleworked or worked from home during the survey reference week; how many hours they teleworked; whether they teleworked prior to the pandemic; and whether they teleworked more, less, or about the same as before the pandemic.

Because data from the new questions will take time to process and review, the Household Survey Supplemental Data section of the Employment Situation news release will be temporarily discontinued with the release of October data on November 4, 2022. More information about the new questions, including future announcements about the availability of data from these questions, will be available at www.bls.gov/cps/effects-of-the-coronavirus-covid-19-pandemic.htm.

HOUSEHOLD DATA

Summary table A. Household data, seasonally adjusted

[Numbers in thousands]

Category	Sept. 2021	July 2022	Aug. 2022	Sept. 2022	Change from: Aug. 2022-Sept. 2022
Employment status					
Civilian noninstitutional population.....	261,766	264,012	264,184	264,356	172
Civilian labor force.....	161,471	163,960	164,746	164,689	-57
Participation rate.....	61.7	62.1	62.4	62.3	-0.1
Employed.....	153,806	158,290	158,732	158,936	204
Employment-population ratio.....	58.8	60.0	60.1	60.1	0.0
Unemployed.....	7,666	5,670	6,014	5,753	-261
Unemployment rate.....	4.7	3.5	3.7	3.5	-0.2
Not in labor force.....	100,294	100,051	99,438	99,667	229
Unemployment rates					
Total, 16 years and over.....	4.7	3.5	3.7	3.5	-0.2
Adult men (20 years and over).....	4.7	3.2	3.5	3.3	-0.2
Adult women (20 years and over).....	4.3	3.1	3.3	3.1	-0.2
Teenagers (16 to 19 years).....	11.3	11.5	10.4	11.4	1.0
White.....	4.2	3.1	3.2	3.1	-0.1
Black or African American.....	7.8	6.0	6.4	5.8	-0.6
Asian.....	4.2	2.6	2.8	2.5	-0.3
Hispanic or Latino ethnicity.....	6.1	3.9	4.5	3.8	-0.7
Total, 25 years and over.....	4.1	2.8	3.0	2.8	-0.2
Less than a high school diploma.....	7.7	5.9	6.2	5.6	-0.6
High school graduates, no college.....	5.7	3.6	4.2	3.7	-0.5
Some college or associate degree.....	4.5	2.8	2.9	2.9	0.0
Bachelor's degree and higher.....	2.5	2.0	1.9	1.8	-0.1
Reason for unemployment					
Job losers and persons who completed temporary jobs.....	4,002	2,547	2,720	2,495	-225
Job leavers.....	792	842	898	905	7
Reentrants.....	2,275	1,826	1,836	1,840	4
New entrants.....	491	460	440	447	7
Duration of unemployment					
Less than 5 weeks.....	2,227	2,080	2,223	2,154	-69
5 to 14 weeks.....	1,727	1,772	1,807	1,645	-162
15 to 26 weeks.....	1,047	718	885	899	14
27 weeks and over.....	2,664	1,067	1,137	1,067	-70
Employed persons at work part time					
Part time for economic reasons.....	4,450	3,924	4,149	3,843	-306
Slack work or business conditions.....	3,142	2,697	2,769	2,577	-192
Could only find part-time work.....	988	910	979	952	-27
Part time for noneconomic reasons.....	20,335	21,103	21,044	21,233	189
Persons not in the labor force					
Marginally attached to the labor force.....	1,745	1,545	1,434	1,600	166
Discouraged workers.....	450	424	366	485	119

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	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p
EMPLOYMENT BY SELECTED INDUSTRY (Over-the-month change, in thousands)				
Total nonfarm.....	424	537	315	263
Total private.....	409	448	275	288
Goods-producing.....	54	63	35	44
Mining and logging.....	2	5	-3	3
Construction.....	30	21	11	19
Manufacturing.....	22	37	27	22
Durable goods ¹	15	30	25	16
Motor vehicles and parts.....	3.2	8.4	4.0	8.3
Nondurable goods.....	7	7	2	6
Private service-providing.....	355	385	240	244
Wholesale trade.....	4.7	15.8	16.1	11.3
Retail trade.....	58.9	16.3	42.6	-1.1
Transportation and warehousing.....	36.4	17.6	5.4	-7.9
Utilities.....	-0.1	1.1	0.6	0.2
Information.....	8	16	5	13
Financial activities.....	13	7	7	-8
Professional and business services ¹	74	84	54	46
Temporary help services.....	8.2	13.4	13.2	27.2
Education and health services ¹	9	122	75	90
Health care and social assistance.....	0.5	88.7	60.2	75.4
Leisure and hospitality.....	134	89	31	83
Other services.....	17	17	3	17
Government.....	15	89	40	-25
(3-month average change, in thousands)				
Total nonfarm.....	543	405	382	372
Total private.....	515	375	356	337
WOMEN AND PRODUCTION AND NONSUPERVISORY EMPLOYEES AS A PERCENT OF ALL EMPLOYEES ²				
Total nonfarm women employees.....	49.9	49.9	49.8	49.9
Total private women employees.....	48.5	48.4	48.4	48.4
Total private production and nonsupervisory employees.....	81.6	81.5	81.5	81.5
HOURS AND EARNINGS ALL EMPLOYEES Total private				
Average weekly hours.....	34.8	34.5	34.5	34.5
Average hourly earnings.....	\$30.92	\$32.27	\$32.36	\$32.46
Average weekly earnings.....	\$1,076.02	\$1,113.32	\$1,116.42	\$1,119.87
Index of aggregate weekly hours (2007=100) ³	109.4	112.7	113.0	113.2
Over-the-month percent change.....	0.6	0.3	0.3	0.2
Index of aggregate weekly payrolls (2007=100) ⁴	161.7	173.9	174.8	175.7
Over-the-month percent change.....	1.1	0.8	0.5	0.5
DIFFUSION INDEX (Over 1-month span) ⁵				
Total private (256 industries).....	67.8	70.7	61.5	61.9
Manufacturing (74 industries).....	62.2	60.1	55.4	56.1

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.

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NOTE: Data have been revised to reflect March 2021 benchmark levels and updated seasonal adjustment factors.

Frequently Asked Questions about Employment and Unemployment Estimates

1. Why are there two monthly measures of employment?

The household survey and establishment survey both produce sample-based estimates of employment, and both have strengths and limitations. The establishment survey employment series has a smaller margin of error on the measurement of month-to-month change than the household survey because of its much larger sample size. An over-the-month employment change of about 100,000 is statistically significant in the establishment survey, while the threshold for a statistically significant change in the household survey is about 500,000. However, the household survey has a more expansive scope than the establishment survey because it includes self-employed workers whose businesses are unincorporated, unpaid family workers, agricultural workers, and private household workers, who are excluded by the establishment survey. The household survey also provides estimates of employment for demographic groups. For more information on the differences between the two surveys, please visit www.bls.gov/web/empsit/ces_cps_trends.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 www.bls.gov/web/empsit/cestn.htm#section7.

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

4. Does the establishment survey sample include small firms?

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

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

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

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

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

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

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

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

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

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

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 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 131,000 businesses and government agencies, representing approximately 670,000 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 jobs.

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 active efforts to find employment sometime during the 4-week period ending with the reference week. Persons laid off from a job and expecting recall need not be looking for work to be counted as unemployed. The unemployment data derived from the household survey in no way depend upon the eligibility for or receipt of unemployment insurance benefits.

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

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

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 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. Percentage distributions of unemployment by reason and duration are derived from the sum of the independently seasonally adjusted component series, and will not necessarily match calculations made using the seasonally adjusted total unemployment level. Additional information about seasonal adjustment in the household survey can be found at www.bls.gov/cps/documentation.htm#sa.

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

Reliability of the estimates

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

For example, the confidence interval for the monthly change in total nonfarm employment from the establishment survey is on the order of plus or minus 120,000. Suppose the estimate of nonfarm employment increases by 50,000 from one month to the next. The 90-percent confidence interval on the monthly change would range from -70,000 to +170,000 (50,000 +/- 120,000). These figures do not mean that the sample results are off by these magnitudes, but rather that there is about a 90-percent chance that the true over-the-month change lies within this interval. Since this range includes values of less than zero, we could not say with confidence that nonfarm employment had, in fact, increased that month. If, however, the reported nonfarm employment rise was 250,000, then all of the values within the 90-percent confidence interval would be greater than zero. In this case, it is likely (at least a 90-percent chance) that nonfarm employment had, in fact, risen that month. At an unemployment rate of around 6.0 percent, the 90-percent confidence interval for the monthly change in unemployment as measured by the household survey is about +/- 300,000, and for the monthly change in the unemployment rate it is about +/- 0.2 percentage point.

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

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

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

Another major source of nonsampling error in the establishment survey is the inability to capture, on a timely

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

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

The sample-based estimates from the establishment survey are adjusted once a year (on a lagged basis) to universe counts of payroll employment obtained from administrative records of the unemployment insurance program. The difference between the March sample-based employment estimates and the March universe counts is known as a benchmark revision, and serves as a rough proxy for total survey error. The new benchmarks also incorporate changes in the classification of industries. Over the past decade, absolute benchmark revisions for total nonfarm employment have averaged 0.1 percent, with a range from -0.3 percent to 0.3 percent.

Other information

If you are deaf, hard of hearing, or have a speech disability, please dial 7-1-1 to access telecommunications relay services.

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					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
TOTAL									
Civilian noninstitutional population.....	261,766	264,184	264,356	261,766	263,679	263,835	264,012	264,184	264,356
Civilian labor force.....	161,392	164,971	164,463	161,471	164,376	164,023	163,960	164,746	164,689
Participation rate.....	61.7	62.4	62.2	61.7	62.3	62.2	62.1	62.4	62.3
Employed.....	154,026	158,714	159,003	153,806	158,426	158,111	158,290	158,732	158,936
Employment-population ratio.....	58.8	60.1	60.1	58.8	60.1	59.9	60.0	60.1	60.1
Unemployed.....	7,366	6,256	5,460	7,666	5,950	5,912	5,670	6,014	5,753
Unemployment rate.....	4.6	3.8	3.3	4.7	3.6	3.6	3.5	3.7	3.5
Not in labor force.....	100,373	99,213	99,893	100,294	99,302	99,812	100,051	99,438	99,667
Persons who currently want a job.....	5,710	5,633	5,650	5,918	5,681	5,656	5,910	5,549	5,834
Men, 16 years and over									
Civilian noninstitutional population.....	126,648	128,722	128,807	126,648	128,470	128,547	128,636	128,722	128,807
Civilian labor force.....	85,715	87,649	87,529	85,801	87,366	87,213	86,936	87,335	87,711
Participation rate.....	67.7	68.1	68.0	67.7	68.0	67.8	67.6	67.8	68.1
Employed.....	81,731	84,504	84,687	81,533	84,218	84,061	83,891	84,045	84,587
Employment-population ratio.....	64.5	65.6	65.7	64.4	65.6	65.4	65.2	65.3	65.7
Unemployed.....	3,984	3,145	2,842	4,268	3,148	3,152	3,046	3,290	3,124
Unemployment rate.....	4.6	3.6	3.2	5.0	3.6	3.6	3.5	3.8	3.6
Not in labor force.....	40,933	41,072	41,278	40,846	41,104	41,334	41,700	41,387	41,097
Men, 20 years and over									
Civilian noninstitutional population.....	118,337	120,058	120,140	118,337	119,831	119,899	119,977	120,058	120,140
Civilian labor force.....	82,865	84,180	84,594	82,851	84,249	84,040	83,857	84,158	84,660
Participation rate.....	70.0	70.1	70.4	70.0	70.3	70.1	69.9	70.1	70.5
Employed.....	79,230	81,401	82,075	78,952	81,422	81,242	81,164	81,225	81,878
Employment-population ratio.....	67.0	67.8	68.3	66.7	67.9	67.8	67.7	67.7	68.2
Unemployed.....	3,635	2,780	2,519	3,899	2,827	2,797	2,692	2,934	2,783
Unemployment rate.....	4.4	3.3	3.0	4.7	3.4	3.3	3.2	3.5	3.3
Not in labor force.....	35,472	35,878	35,545	35,486	35,582	35,859	36,120	35,900	35,479
Women, 16 years and over									
Civilian noninstitutional population.....	135,118	135,462	135,548	135,118	135,209	135,287	135,376	135,462	135,548
Civilian labor force.....	75,677	77,321	76,934	75,670	77,010	76,809	77,024	77,410	76,978
Participation rate.....	56.0	57.1	56.8	56.0	57.0	56.8	56.9	57.1	56.8
Employed.....	72,295	74,210	74,316	72,273	74,208	74,050	74,399	74,687	74,349
Employment-population ratio.....	53.5	54.8	54.8	53.5	54.9	54.7	55.0	55.1	54.9
Unemployed.....	3,382	3,111	2,618	3,398	2,802	2,760	2,625	2,724	2,629
Unemployment rate.....	4.5	4.0	3.4	4.5	3.6	3.6	3.4	3.5	3.4
Not in labor force.....	59,441	58,141	58,615	59,448	58,199	58,478	58,351	58,052	58,570
Women, 20 years and over									
Civilian noninstitutional population.....	126,982	127,034	127,117	126,982	126,802	126,872	126,951	127,034	127,117
Civilian labor force.....	72,784	73,850	73,842	72,644	73,911	73,741	73,988	74,140	73,750
Participation rate.....	57.3	58.1	58.1	57.2	58.3	58.1	58.3	58.4	58.0
Employed.....	69,699	71,067	71,590	69,555	71,432	71,311	71,710	71,729	71,493
Employment-population ratio.....	54.9	55.9	56.3	54.8	56.3	56.2	56.5	56.5	56.2
Unemployed.....	3,085	2,783	2,251	3,089	2,479	2,430	2,278	2,411	2,258
Unemployment rate.....	4.2	3.8	3.0	4.3	3.4	3.3	3.1	3.3	3.1
Not in labor force.....	54,198	53,185	53,276	54,337	52,891	53,131	52,963	52,895	53,367
Both sexes, 16 to 19 years									
Civilian noninstitutional population.....	16,447	17,091	17,099	16,447	17,046	17,064	17,084	17,091	17,099
Civilian labor force.....	5,743	6,940	6,027	5,976	6,216	6,242	6,116	6,447	6,278
Participation rate.....	34.9	40.6	35.2	36.3	36.5	36.6	35.8	37.7	36.7
Employed.....	5,097	6,247	5,337	5,298	5,571	5,558	5,415	5,778	5,565
Employment-population ratio.....	31.0	36.5	31.2	32.2	32.7	32.6	31.7	33.8	32.5
Unemployed.....	647	694	689	678	645	685	700	669	713
Unemployment rate.....	11.3	10.0	11.4	11.3	10.4	11.0	11.5	10.4	11.4
Not in labor force.....	10,704	10,151	11,072	10,471	10,830	10,822	10,968	10,644	10,821

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					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
WHITE									
Civilian noninstitutional population.....	202,057	203,324	203,420	202,057	203,039	203,125	203,229	203,324	203,420
Civilian labor force.....	124,134	126,264	126,036	124,204	125,772	125,706	125,705	126,172	126,183
Participation rate.....	61.4	62.1	62.0	61.5	61.9	61.9	61.9	62.1	62.0
Employed.....	119,154	122,115	122,403	119,009	121,724	121,587	121,822	122,129	122,329
Employment-population ratio.....	59.0	60.1	60.2	58.9	60.0	59.9	59.9	60.1	60.1
Unemployed.....	4,980	4,148	3,633	5,194	4,048	4,119	3,884	4,043	3,855
Unemployment rate.....	4.0	3.3	2.9	4.2	3.2	3.3	3.1	3.2	3.1
Not in labor force.....	77,923	77,061	77,383	77,853	77,267	77,419	77,524	77,152	77,237
Men, 20 years and over									
Civilian labor force.....	64,939	65,545	65,872	64,957	65,653	65,556	65,430	65,600	65,940
Participation rate.....	70.0	69.9	70.2	70.1	70.1	70.0	69.8	69.9	70.3
Employed.....	62,471	63,660	64,221	62,257	63,620	63,529	63,464	63,553	64,048
Employment-population ratio.....	67.4	67.9	68.4	67.2	67.9	67.8	67.7	67.7	68.2
Unemployed.....	2,467	1,885	1,651	2,699	2,033	2,027	1,966	2,048	1,892
Unemployment rate.....	3.8	2.9	2.5	4.2	3.1	3.1	3.0	3.1	2.9
Women, 20 years and over									
Civilian labor force.....	54,690	55,399	55,435	54,574	55,315	55,318	55,565	55,661	55,351
Participation rate.....	56.2	57.1	57.1	56.1	57.1	57.1	57.3	57.4	57.0
Employed.....	52,666	53,608	53,979	52,574	53,731	53,727	54,123	54,125	53,914
Employment-population ratio.....	54.1	55.3	55.6	54.0	55.5	55.4	55.8	55.8	55.5
Unemployed.....	2,024	1,791	1,456	2,000	1,583	1,591	1,442	1,535	1,437
Unemployment rate.....	3.7	3.2	2.6	3.7	2.9	2.9	2.6	2.8	2.6
Both sexes, 16 to 19 years									
Civilian labor force.....	4,505	5,320	4,730	4,673	4,804	4,832	4,711	4,911	4,892
Participation rate.....	37.4	42.6	37.8	38.7	38.5	38.7	37.7	39.3	39.1
Employed.....	4,016	4,848	4,203	4,178	4,373	4,331	4,235	4,451	4,366
Employment-population ratio.....	33.3	38.8	33.6	34.6	35.1	34.7	33.9	35.6	34.9
Unemployed.....	489	472	527	495	431	501	476	460	526
Unemployment rate.....	10.9	8.9	11.1	10.6	9.0	10.4	10.1	9.4	10.8
BLACK OR AFRICAN AMERICAN									
Civilian noninstitutional population.....	33,673	34,171	34,204	33,673	34,079	34,107	34,138	34,171	34,204
Civilian labor force.....	20,588	21,259	21,218	20,626	21,475	21,213	21,174	21,123	21,258
Participation rate.....	61.1	62.2	62.0	61.3	63.0	62.2	62.0	61.8	62.1
Employed.....	19,063	19,824	20,041	19,017	20,141	19,975	19,907	19,776	20,014
Employment-population ratio.....	56.6	58.0	58.6	56.5	59.1	58.6	58.3	57.9	58.5
Unemployed.....	1,524	1,436	1,177	1,608	1,335	1,238	1,268	1,347	1,243
Unemployment rate.....	7.4	6.8	5.5	7.8	6.2	5.8	6.0	6.4	5.8
Not in labor force.....	13,086	12,912	12,986	13,047	12,604	12,895	12,964	13,048	12,946
Men, 20 years and over									
Civilian labor force.....	9,394	9,777	9,907	9,389	9,983	9,866	9,764	9,707	9,894
Participation rate.....	66.0	67.3	68.1	65.9	68.9	68.1	67.3	66.8	68.0
Employed.....	8,696	9,199	9,368	8,644	9,416	9,342	9,212	9,125	9,321
Employment-population ratio.....	61.1	63.3	64.4	60.7	65.0	64.4	63.5	62.8	64.1
Unemployed.....	698	578	540	745	566	524	552	582	573
Unemployment rate.....	7.4	5.9	5.4	7.9	5.7	5.3	5.7	6.0	5.8
Women, 20 years and over									
Civilian labor force.....	10,451	10,654	10,638	10,450	10,731	10,628	10,688	10,643	10,636
Participation rate.....	61.3	62.1	61.9	61.3	62.7	62.0	62.3	62.0	61.9
Employed.....	9,725	9,947	10,072	9,702	10,102	10,030	10,119	10,018	10,058
Employment-population ratio.....	57.0	58.0	58.6	56.9	59.0	58.6	59.0	58.4	58.6
Unemployed.....	726	707	565	748	629	598	569	625	578
Unemployment rate.....	6.9	6.6	5.3	7.2	5.9	5.6	5.3	5.9	5.4
Both sexes, 16 to 19 years									
Civilian labor force.....	743	829	673	787	762	719	722	773	728
Participation rate.....	31.1	33.3	27.1	33.0	30.8	29.0	29.1	31.1	29.3
Employed.....	642	678	601	671	622	603	576	634	635
Employment-population ratio.....	26.9	27.3	24.2	28.1	25.1	24.3	23.2	25.5	25.5
Unemployed.....	101	151	72	115	140	116	146	140	92
Unemployment rate.....	13.5	18.2	10.7	14.6	18.3	16.1	20.3	18.1	12.7

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					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
ASIAN									
Civilian noninstitutional population.....	16,540	16,989	17,132	16,540	16,815	16,910	16,920	16,989	17,132
Civilian labor force.....	10,683	11,166	11,151	10,652	10,912	10,894	10,980	11,096	11,122
Participation rate.....	64.6	65.7	65.1	64.4	64.9	64.4	64.9	65.3	64.9
Employed.....	10,245	10,841	10,882	10,207	10,651	10,565	10,693	10,790	10,848
Employment-population ratio.....	61.9	63.8	63.5	61.7	63.3	62.5	63.2	63.5	63.3
Unemployed.....	438	326	269	445	261	330	287	307	274
Unemployment rate.....	4.1	2.9	2.4	4.2	2.4	3.0	2.6	2.8	2.5
Not in labor force.....	5,857	5,823	5,981	5,889	5,903	6,016	5,940	5,893	6,009

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					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
HISPANIC OR LATINO ETHNICITY									
Civilian noninstitutional population.....	45,083	46,287	46,373	45,083	46,039	46,119	46,200	46,287	46,373
Civilian labor force.....	29,577	30,920	30,641	29,566	30,610	30,670	30,363	30,918	30,650
Participation rate.....	65.6	66.8	66.1	65.6	66.5	66.5	65.7	66.8	66.1
Employed.....	27,813	29,498	29,515	27,758	29,279	29,364	29,170	29,539	29,470
Employment-population ratio.....	61.7	63.7	63.6	61.6	63.6	63.7	63.1	63.8	63.5
Unemployed.....	1,764	1,422	1,126	1,808	1,331	1,306	1,193	1,379	1,180
Unemployment rate.....	6.0	4.6	3.7	6.1	4.3	4.3	3.9	4.5	3.8
Not in labor force.....	15,506	15,367	15,732	15,518	15,429	15,449	15,837	15,369	15,724
Men, 20 years and over									
Civilian labor force.....	16,369	16,651	16,523	16,326	16,717	16,743	16,452	16,625	16,506
Participation rate.....	80.3	79.4	78.7	80.1	80.1	80.1	78.6	79.3	78.6
Employed.....	15,488	15,998	16,031	15,408	16,152	16,170	15,870	15,976	15,971
Employment-population ratio.....	76.0	76.3	76.3	75.6	77.4	77.4	75.8	76.2	76.0
Unemployed.....	881	653	493	918	566	573	581	649	535
Unemployment rate.....	5.4	3.9	3.0	5.6	3.4	3.4	3.5	3.9	3.2
Women, 20 years and over									
Civilian labor force.....	11,938	12,746	12,792	11,932	12,466	12,486	12,515	12,812	12,778
Participation rate.....	57.8	60.6	60.7	57.8	59.6	59.6	59.6	60.9	60.6
Employed.....	11,277	12,177	12,339	11,272	11,876	11,926	12,113	12,264	12,321
Employment-population ratio.....	54.6	57.9	58.6	54.6	56.8	56.9	57.7	58.3	58.5
Unemployed.....	661	569	452	661	591	560	402	547	457
Unemployment rate.....	5.5	4.5	3.5	5.5	4.7	4.5	3.2	4.3	3.6
Both sexes, 16 to 19 years									
Civilian labor force.....	1,270	1,524	1,326	1,307	1,427	1,441	1,397	1,482	1,365
Participation rate.....	31.3	35.6	30.9	32.2	33.5	33.8	32.7	34.6	31.8
Employed.....	1,048	1,323	1,145	1,078	1,252	1,268	1,187	1,299	1,178
Employment-population ratio.....	25.8	30.9	26.7	26.5	29.4	29.7	27.8	30.3	27.5
Unemployed.....	222	201	181	229	175	173	210	183	187
Unemployment rate.....	17.5	13.2	13.6	17.5	12.2	12.0	15.0	12.3	13.7

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					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
Less than a high school diploma									
Civilian labor force.....	9,263	8,623	9,094	9,128	9,194	9,210	8,924	8,646	8,992
Participation rate.....	45.9	45.2	46.2	45.3	44.0	44.7	46.2	45.4	45.7
Employed.....	8,644	8,153	8,674	8,428	8,719	8,680	8,398	8,110	8,491
Employment-population ratio.....	42.9	42.8	44.1	41.8	41.8	42.2	43.5	42.5	43.1
Unemployed.....	619	469	420	700	475	530	526	536	501
Unemployment rate.....	6.7	5.4	4.6	7.7	5.2	5.8	5.9	6.2	5.6
High school graduates, no college¹									
Civilian labor force.....	35,261	35,903	35,488	34,994	36,118	35,985	35,386	35,798	35,278
Participation rate.....	55.7	56.6	56.5	55.3	56.8	56.8	56.1	56.4	56.1
Employed.....	33,351	34,354	34,244	32,991	34,760	34,679	34,113	34,284	33,973
Employment-population ratio.....	52.7	54.1	54.5	52.1	54.7	54.8	54.1	54.0	54.1
Unemployed.....	1,910	1,549	1,244	2,004	1,358	1,305	1,273	1,514	1,306
Unemployment rate.....	5.4	4.3	3.5	5.7	3.8	3.6	3.6	4.2	3.7
Some college or associate degree									
Civilian labor force.....	35,840	35,262	35,597	35,794	35,787	35,707	35,575	35,586	35,544
Participation rate.....	63.1	62.4	62.8	63.0	63.5	62.6	62.6	63.0	62.7
Employed.....	34,273	34,147	34,609	34,196	34,565	34,585	34,563	34,538	34,530
Employment-population ratio.....	60.3	60.5	61.0	60.2	61.3	60.6	60.8	61.2	60.9
Unemployed.....	1,567	1,115	989	1,598	1,222	1,122	1,012	1,048	1,014
Unemployment rate.....	4.4	3.2	2.8	4.5	3.4	3.1	2.8	2.9	2.9
Bachelor's degree and higher²									
Civilian labor force.....	60,710	63,343	63,574	60,772	62,295	62,098	63,380	63,701	63,610
Participation rate.....	72.0	72.6	73.0	72.1	73.3	73.1	73.0	73.1	73.0
Employed.....	59,213	61,949	62,473	59,258	61,078	60,800	62,094	62,519	62,478
Employment-population ratio.....	70.3	71.0	71.7	70.3	71.9	71.6	71.5	71.7	71.7
Unemployed.....	1,497	1,394	1,100	1,514	1,217	1,297	1,286	1,182	1,132
Unemployment rate.....	2.5	2.2	1.7	2.5	2.0	2.1	2.0	1.9	1.8

¹ Includes persons with a high school diploma or equivalent.

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

NOTE: Detail for the seasonally adjusted data shown in this table will not necessarily add to totals for those 25 years and over 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-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	
	Sept. 2021	Sept. 2022	Sept. 2021	Sept. 2022	Sept. 2021	Sept. 2022
VETERANS, 18 years and over						
Civilian noninstitutional population.....	18,011	18,313	16,091	16,283	1,920	2,030
Civilian labor force.....	8,485	8,807	7,345	7,621	1,141	1,187
Participation rate.....	47.1	48.1	45.6	46.8	59.4	58.5
Employed.....	8,181	8,579	7,078	7,436	1,103	1,143
Employment-population ratio.....	45.4	46.8	44.0	45.7	57.5	56.3
Unemployed.....	304	229	266	185	37	44
Unemployment rate.....	3.6	2.6	3.6	2.4	3.3	3.7
Not in labor force.....	9,526	9,506	8,746	8,662	779	843
Gulf War-era II veterans						
Civilian noninstitutional population.....	4,641	4,922	3,876	4,041	765	881
Civilian labor force.....	3,651	3,973	3,084	3,289	567	684
Participation rate.....	78.7	80.7	79.6	81.4	74.1	77.6
Employed.....	3,522	3,880	2,966	3,210	555	671
Employment-population ratio.....	75.9	78.8	76.5	79.4	72.6	76.1
Unemployed.....	129	92	117	79	12	13
Unemployment rate.....	3.5	2.3	3.8	2.4	2.1	1.9
Not in labor force.....	990	949	792	752	198	197
Gulf War-era I veterans						
Civilian noninstitutional population.....	3,085	3,248	2,548	2,753	537	495
Civilian labor force.....	2,200	2,280	1,855	1,986	345	294
Participation rate.....	71.3	70.2	72.8	72.1	64.3	59.4
Employed.....	2,135	2,207	1,804	1,931	331	276
Employment-population ratio.....	69.2	67.9	70.8	70.1	61.7	55.8
Unemployed.....	65	73	50	55	14	18
Unemployment rate.....	2.9	3.2	2.7	2.8	4.1	6.1
Not in labor force.....	885	968	693	768	192	201
World War II, Korean War, and Vietnam-era veterans						
Civilian noninstitutional population.....	6,360	6,178	6,136	5,932	224	246
Civilian labor force.....	1,016	904	961	877	55	27
Participation rate.....	16.0	14.6	15.7	14.8	24.5	11.1
Employed.....	977	878	923	850	55	27
Employment-population ratio.....	15.4	14.2	15.0	14.3	24.5	11.1
Unemployed.....	39	27	39	27	0	0
Unemployment rate.....	3.8	2.9	4.0	3.0	-	-
Not in labor force.....	5,344	5,274	5,175	5,055	169	219
Veterans of other service periods						
Civilian noninstitutional population.....	3,925	3,965	3,531	3,557	394	408
Civilian labor force.....	1,618	1,650	1,445	1,469	173	182
Participation rate.....	41.2	41.6	40.9	41.3	44.0	44.5
Employed.....	1,547	1,613	1,385	1,444	162	169
Employment-population ratio.....	39.4	40.7	39.2	40.6	41.1	41.4
Unemployed.....	71	37	60	25	11	12
Unemployment rate.....	4.4	2.2	4.1	1.7	6.6	6.8
Not in labor force.....	2,307	2,315	2,086	2,088	221	226
NONVETERANS, 18 years and over						
Civilian noninstitutional population.....	234,883	236,598	106,108	107,682	128,776	128,916
Civilian labor force.....	150,627	153,284	77,266	78,826	73,361	74,458
Participation rate.....	64.1	64.8	72.8	73.2	57.0	57.8
Employed.....	143,774	148,309	73,655	76,293	70,119	72,016
Employment-population ratio.....	61.2	62.7	69.4	70.9	54.5	55.9
Unemployed.....	6,853	4,975	3,611	2,533	3,243	2,443
Unemployment rate.....	4.5	3.2	4.7	3.2	4.4	3.3
Not in labor force.....	84,256	83,314	28,842	28,857	55,414	54,458

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	
	Sept. 2021	Sept. 2022	Sept. 2021	Sept. 2022
TOTAL, 16 years and over				
Civilian noninstitutional population.....	31,569	33,223	230,196	231,132
Civilian labor force.....	7,051	7,710	154,341	156,753
Participation rate.....	22.3	23.2	67.0	67.8
Employed.....	6,417	7,145	147,609	151,858
Employment-population ratio.....	20.3	21.5	64.1	65.7
Unemployed.....	634	565	6,732	4,894
Unemployment rate.....	9.0	7.3	4.4	3.1
Not in labor force.....	24,518	25,513	75,855	74,380
Men, 16 to 64 years				
Civilian labor force.....	2,965	3,126	76,646	78,109
Participation rate.....	38.0	37.9	82.1	82.7
Employed.....	2,710	2,868	73,102	75,652
Employment-population ratio.....	34.7	34.8	78.3	80.1
Unemployed.....	255	259	3,544	2,457
Unemployment rate.....	8.6	8.3	4.6	3.1
Not in labor force.....	4,837	5,124	16,718	16,395
Women, 16 to 64 years				
Civilian labor force.....	2,841	3,243	68,100	68,733
Participation rate.....	34.8	38.2	71.1	71.6
Employed.....	2,534	2,974	65,190	66,506
Employment-population ratio.....	31.1	35.0	68.0	69.3
Unemployed.....	307	269	2,910	2,227
Unemployment rate.....	10.8	8.3	4.3	3.2
Not in labor force.....	5,320	5,249	27,733	27,228
Both sexes, 65 years and over				
Civilian labor force.....	1,244	1,341	9,596	9,910
Participation rate.....	8.0	8.1	23.4	24.4
Employed.....	1,173	1,303	9,317	9,700
Employment-population ratio.....	7.5	7.9	22.7	23.9
Unemployed.....	72	37	279	210
Unemployment rate.....	5.8	2.8	2.9	2.1
Not in labor force.....	14,362	15,140	31,404	30,757

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	
	Sept. 2021	Sept. 2022	Sept. 2021	Sept. 2022	Sept. 2021	Sept. 2022
Foreign born, 16 years and over						
Civilian noninstitutional population.....	43,111	45,351	20,904	22,003	22,207	23,348
Civilian labor force.....	28,100	30,213	16,212	17,219	11,887	12,994
Participation rate.....	65.2	66.6	77.6	78.3	53.5	55.7
Employed.....	26,816	29,349	15,540	16,750	11,276	12,599
Employment-population ratio.....	62.2	64.7	74.3	76.1	50.8	54.0
Unemployed.....	1,284	864	672	469	611	395
Unemployment rate.....	4.6	2.9	4.1	2.7	5.1	3.0
Not in labor force.....	15,012	15,138	4,692	4,784	10,320	10,354
Native born, 16 years and over						
Civilian noninstitutional population.....	218,654	219,005	105,743	106,805	112,911	112,200
Civilian labor force.....	133,293	134,250	69,503	70,310	63,790	63,939
Participation rate.....	61.0	61.3	65.7	65.8	56.5	57.0
Employed.....	127,210	129,654	66,191	67,938	61,019	61,717
Employment-population ratio.....	58.2	59.2	62.6	63.6	54.0	55.0
Unemployed.....	6,083	4,596	3,312	2,373	2,771	2,223
Unemployment rate.....	4.6	3.4	4.8	3.4	4.3	3.5
Not in labor force.....	85,362	84,755	36,240	36,494	49,121	48,261

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					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
CLASS OF WORKER									
Agriculture and related industries.....	2,272	2,207	2,165	2,247	2,355	2,308	2,429	2,178	2,178
Wage and salary workers ¹	1,504	1,503	1,448	1,508	1,553	1,520	1,621	1,491	1,474
Self-employed workers, unincorporated.....	743	671	700	733	776	747	752	645	696
Unpaid family workers.....	26	32	18	-	-	-	-	-	-
Nonagricultural industries.....	151,754	156,507	156,838	151,686	156,183	156,114	156,002	156,931	156,956
Wage and salary workers ¹	142,210	147,362	147,538	141,756	146,455	146,346	146,627	147,397	147,268
Government.....	20,343	20,744	21,166	20,514	20,885	20,601	21,272	21,220	21,313
Private industries.....	121,866	126,618	126,372	121,909	125,619	125,767	125,421	126,111	126,494
Private households.....	768	777	705	-	-	-	-	-	-
Other industries.....	121,099	125,840	125,667	121,226	124,955	125,210	124,799	125,441	125,902
Self-employed workers, unincorporated.....	9,491	9,081	9,235	9,424	9,291	9,255	8,971	8,985	9,161
Unpaid family workers.....	53	64	65	-	-	-	-	-	-
PERSONS AT WORK PART TIME²									
 All industries									
Part time for economic reasons ³	4,130	4,060	3,523	4,450	4,328	3,621	3,924	4,149	3,843
Slack work or business conditions.....	2,960	2,673	2,393	3,142	2,996	2,366	2,697	2,769	2,577
Could only find part-time work.....	982	932	945	988	999	914	910	979	952
Part time for noneconomic reasons ⁴	20,432	19,618	21,389	20,335	20,806	20,602	21,103	21,044	21,233
 Nonagricultural industries									
Part time for economic reasons ³	4,077	3,996	3,479	4,360	4,235	3,694	3,888	4,075	3,763
Slack work or business conditions.....	2,924	2,630	2,353	3,094	2,927	2,345	2,676	2,727	2,527
Could only find part-time work.....	967	914	945	976	988	912	909	966	952
Part time for noneconomic reasons ⁴	20,037	19,333	21,047	19,952	20,438	20,180	20,675	20,710	20,887

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					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
AGE AND SEX									
Total, 16 years and over.....	154,026	158,714	159,003	153,806	158,426	158,111	158,290	158,732	158,936
16 to 19 years.....	5,097	6,247	5,337	5,298	5,571	5,558	5,415	5,778	5,565
16 to 17 years.....	2,071	2,546	2,115	2,021	2,194	2,114	2,076	2,255	2,087
18 to 19 years.....	3,026	3,701	3,222	3,261	3,396	3,443	3,343	3,485	3,464
20 years and over.....	148,929	152,468	153,666	148,508	152,855	152,554	152,875	152,953	153,371
20 to 24 years.....	13,448	13,864	13,666	13,529	13,768	13,852	13,902	13,670	13,755
25 years and over.....	135,481	138,604	140,000	135,072	139,047	138,603	138,969	139,259	139,598
25 to 54 years.....	98,702	101,645	102,291	98,460	101,734	101,495	101,686	102,053	102,037
25 to 34 years.....	34,780	35,362	35,451	34,713	35,569	35,437	35,436	35,555	35,392
35 to 44 years.....	33,085	34,592	34,735	32,945	34,675	34,508	34,616	34,694	34,618
45 to 54 years.....	30,837	31,691	32,105	30,802	31,490	31,550	31,634	31,804	32,027
55 years and over.....	36,778	36,959	37,709	36,612	37,313	37,108	37,283	37,206	37,561
Men, 16 years and over.....	81,731	84,504	84,687	81,533	84,218	84,061	83,891	84,045	84,587
16 to 19 years.....	2,501	3,103	2,612	2,581	2,795	2,819	2,726	2,820	2,709
16 to 17 years.....	997	1,188	958	974	1,054	1,046	988	1,036	954
18 to 19 years.....	1,503	1,915	1,653	1,590	1,748	1,769	1,742	1,761	1,749
20 years and over.....	79,230	81,401	82,075	78,952	81,422	81,242	81,164	81,225	81,878
20 to 24 years.....	6,846	7,096	7,003	6,882	7,009	7,081	7,022	6,900	7,038
25 years and over.....	72,384	74,305	75,072	72,081	74,406	74,052	74,151	74,233	74,762
25 to 54 years.....	52,634	54,246	54,560	52,462	54,258	54,161	54,190	54,193	54,381
25 to 34 years.....	18,598	18,731	18,926	18,540	18,830	18,842	18,740	18,767	18,866
35 to 44 years.....	17,891	18,700	18,656	17,802	18,628	18,492	18,631	18,651	18,579
45 to 54 years.....	16,145	16,816	16,979	16,120	16,800	16,828	16,819	16,776	16,936
55 years and over.....	19,751	20,059	20,512	19,619	20,147	19,890	19,961	20,040	20,381
Women, 16 years and over.....	72,295	74,210	74,316	72,273	74,208	74,050	74,399	74,687	74,349
16 to 19 years.....	2,596	3,143	2,726	2,717	2,776	2,739	2,689	2,958	2,856
16 to 17 years.....	1,073	1,358	1,157	1,046	1,140	1,067	1,088	1,219	1,133
18 to 19 years.....	1,523	1,786	1,568	1,671	1,648	1,674	1,601	1,724	1,715
20 years and over.....	69,699	71,067	71,590	69,555	71,432	71,311	71,710	71,729	71,493
20 to 24 years.....	6,602	6,768	6,663	6,646	6,759	6,771	6,880	6,770	6,717
25 years and over.....	63,097	64,299	64,928	62,991	64,641	64,551	64,818	65,026	64,836
25 to 54 years.....	46,069	47,399	47,731	45,998	47,475	47,334	47,496	47,860	47,656
25 to 34 years.....	16,182	16,631	16,525	16,174	16,739	16,595	16,696	16,789	16,526
35 to 44 years.....	15,194	15,892	16,079	15,143	16,047	16,016	15,986	16,044	16,039
45 to 54 years.....	14,692	14,876	15,127	14,681	14,690	14,722	14,814	15,028	15,091
55 years and over.....	17,028	16,900	17,197	16,993	17,165	17,218	17,322	17,165	17,180
MARITAL STATUS									
Married men, spouse present ¹	43,821	45,365	46,100	43,671	45,306	45,222	45,449	45,422	45,912
Married women, spouse present ¹	35,044	36,249	36,616	35,029	36,356	36,526	36,954	36,828	36,615
Women who maintain families ²	9,618	9,918	9,813	-	-	-	-	-	-
FULL- OR PART-TIME STATUS									
Full-time workers ³	128,484	133,630	133,027	128,076	132,800	132,648	132,577	132,335	132,661
Part-time workers ⁴	25,542	25,085	25,976	25,772	25,766	25,440	25,824	26,237	26,230
MULTIPLE JOBHOLDERS									
Total multiple jobholders.....	7,032	7,485	7,739	7,038	7,302	7,541	7,633	7,747	7,746
Percent of total employed.....	4.6	4.7	4.9	4.6	4.6	4.8	4.8	4.9	4.9
SELF-EMPLOYMENT									
Self-employed workers, incorporated.....	6,146	6,672	6,710	-	-	-	-	-	-
Self-employed workers, unincorporated.....	10,234	9,752	9,935	10,157	10,067	10,002	9,723	9,629	9,858

¹ Beginning with data for January 2020, refers to persons in both opposite-sex and same-sex married couples. Prior to January 2020, referred to persons in opposite-sex married couples only.

² Beginning with data for January 2020, refers to female householders residing with one or more family members, but not a spouse of either sex. Prior to January 2020, referred 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					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
AGE AND SEX									
Total, 16 years and over.....	7,666	6,014	5,753	4.7	3.6	3.6	3.5	3.7	3.5
16 to 19 years.....	678	669	713	11.3	10.4	11.0	11.5	10.4	11.4
16 to 17 years.....	244	243	294	10.8	10.2	11.2	10.3	9.7	12.4
18 to 19 years.....	432	426	424	11.7	10.4	10.2	12.1	10.9	10.9
20 years and over.....	6,988	5,345	5,040	4.5	3.4	3.3	3.1	3.4	3.2
20 to 24 years.....	1,146	1,021	1,030	7.8	6.7	6.8	6.4	6.9	7.0
25 years and over.....	5,825	4,301	3,980	4.1	3.0	3.0	2.8	3.0	2.8
25 to 54 years.....	4,507	3,280	3,074	4.4	3.1	3.0	2.9	3.1	2.9
25 to 34 years.....	1,919	1,377	1,313	5.2	3.9	3.4	3.5	3.7	3.6
35 to 44 years.....	1,350	1,036	1,072	3.9	2.9	3.2	2.7	2.9	3.0
45 to 54 years.....	1,238	867	689	3.9	2.3	2.4	2.4	2.7	2.1
55 years and over.....	1,338	1,015	926	3.5	2.7	2.7	2.5	2.7	2.4
Men, 16 years and over.....	4,268	3,290	3,124	5.0	3.6	3.6	3.5	3.8	3.6
16 to 19 years.....	370	356	341	12.5	10.3	11.2	11.5	11.2	11.2
16 to 17 years.....	126	134	145	11.5	8.8	11.2	8.7	11.5	13.2
18 to 19 years.....	242	223	200	13.2	11.4	9.8	12.8	11.2	10.3
20 years and over.....	3,899	2,934	2,783	4.7	3.4	3.3	3.2	3.5	3.3
20 to 24 years.....	690	608	606	9.1	7.0	7.6	7.3	8.1	7.9
25 years and over.....	3,213	2,296	2,165	4.3	2.9	2.9	2.8	3.0	2.8
25 to 54 years.....	2,486	1,743	1,675	4.5	3.0	2.9	2.9	3.1	3.0
25 to 34 years.....	1,107	712	706	5.6	3.9	3.5	3.3	3.7	3.6
35 to 44 years.....	760	574	564	4.1	2.8	2.9	2.9	3.0	2.9
45 to 54 years.....	618	457	405	3.7	2.2	2.3	2.5	2.7	2.3
55 years and over.....	727	553	490	3.6	2.6	2.8	2.5	2.7	2.3
Women, 16 years and over.....	3,398	2,724	2,629	4.5	3.6	3.6	3.4	3.5	3.4
16 to 19 years.....	309	313	372	10.2	10.4	10.8	11.4	9.6	11.5
16 to 17 years.....	118	109	149	10.1	11.4	11.1	11.6	8.2	11.6
18 to 19 years.....	189	203	224	10.2	9.4	10.6	11.3	10.5	11.6
20 years and over.....	3,089	2,411	2,258	4.3	3.4	3.3	3.1	3.3	3.1
20 to 24 years.....	456	412	424	6.4	6.4	6.0	5.4	5.7	5.9
25 years and over.....	2,611	2,004	1,815	4.0	3.0	3.1	2.8	3.0	2.7
25 to 54 years.....	2,021	1,537	1,399	4.2	3.2	3.2	2.9	3.1	2.9
25 to 34 years.....	812	665	607	4.8	3.9	3.4	3.6	3.8	3.5
35 to 44 years.....	590	462	507	3.7	3.0	3.6	2.6	2.8	3.1
45 to 54 years.....	620	410	284	4.0	2.5	2.6	2.4	2.7	1.8
55 years and over.....	594	450	420	3.4	2.7	2.7	2.3	2.6	2.4
MARITAL STATUS									
Married men, spouse present ¹	1,257	934	840	2.8	2.0	2.0	1.8	2.0	1.8
Married women, spouse present ¹	1,023	796	708	2.8	2.3	2.3	2.1	2.1	1.9
Women who maintain families ²	698	533	488	6.8	5.0	4.5	4.7	5.1	4.7
FULL- OR PART-TIME STATUS									
Full-time workers ³	6,525	4,938	4,751	4.8	3.4	3.5	3.3	3.6	3.5
Part-time workers ⁴	1,135	1,112	1,010	4.2	4.3	3.9	4.2	4.1	3.7

¹ Beginning with data for January 2020, refers to persons in both opposite-sex and same-sex married couples. Prior to January 2020, referred to persons in opposite-sex married couples only.

² Data are not seasonally adjusted. Beginning with data for January 2020, refers to female householders residing with one or more family members, but not a spouse of either sex. Prior to January 2020, referred 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					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
NUMBER OF UNEMPLOYED									
Job losers and persons who completed temporary jobs.....	3,728	2,871	2,176	4,002	2,736	2,645	2,547	2,720	2,495
On temporary layoff.....	786	866	463	1,083	810	827	791	782	758
Not on temporary layoff.....	2,943	2,005	1,713	2,919	1,927	1,818	1,756	1,938	1,737
Permanent job losers.....	2,270	1,427	1,161	2,243	1,386	1,273	1,166	1,354	1,181
Persons who completed temporary jobs....	672	578	552	676	541	545	589	584	556
Job leavers.....	852	983	976	792	764	832	842	898	905
Reentrants.....	2,301	1,891	1,867	2,275	1,943	1,990	1,826	1,836	1,840
New entrants.....	486	511	441	491	535	464	460	440	447
PERCENT DISTRIBUTION									
Job losers and persons who completed temporary jobs.....	50.6	45.9	39.9	52.9	45.8	44.6	44.9	46.2	43.9
On temporary layoff.....	10.7	13.8	8.5	14.3	13.5	13.9	13.9	13.3	13.3
Not on temporary layoff.....	39.9	32.0	31.4	38.6	32.2	30.7	30.9	32.9	30.5
Job leavers.....	11.6	15.7	17.9	10.5	12.8	14.0	14.8	15.2	15.9
Reentrants.....	31.2	30.2	34.2	30.1	32.5	33.6	32.2	31.2	32.4
New entrants.....	6.6	8.2	8.1	6.5	8.9	7.8	8.1	7.5	7.9
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE									
Job losers and persons who completed temporary jobs.....	2.3	1.7	1.3	2.5	1.7	1.6	1.6	1.7	1.5
Job leavers.....	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
Reentrants.....	1.4	1.1	1.1	1.4	1.2	1.2	1.1	1.1	1.1
New entrants.....	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

NOTE: Detail for the seasonally adjusted data shown in this table will not necessarily add to total unemployed in table A-1 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-12. Unemployed persons by duration of unemployment

[Numbers in thousands]

Duration	Not seasonally adjusted			Seasonally adjusted					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
NUMBER OF UNEMPLOYED									
Less than 5 weeks.....	2,209	2,162	2,127	2,227	2,066	2,262	2,080	2,223	2,154
5 to 14 weeks.....	1,565	2,175	1,474	1,727	1,767	1,552	1,772	1,807	1,645
15 weeks and over.....	3,593	1,919	1,859	3,711	2,017	2,089	1,785	2,022	1,966
15 to 26 weeks.....	889	683	751	1,047	661	753	718	885	899
27 weeks and over.....	2,704	1,236	1,109	2,664	1,356	1,336	1,067	1,137	1,067
Average (mean) duration, in weeks.....	29.2	22.1	20.7	28.3	22.5	22.3	22.1	22.3	20.2
Median duration, in weeks.....	13.9	8.6	8.8	13.7	9.6	8.5	8.5	8.5	8.3
PERCENT DISTRIBUTION									
Less than 5 weeks.....	30.0	34.6	39.0	29.1	35.3	38.3	36.9	36.7	37.4
5 to 14 weeks.....	21.2	34.8	27.0	22.5	30.2	26.3	31.4	29.9	28.5
15 weeks and over.....	48.8	30.7	34.1	48.4	34.5	35.4	31.7	33.4	34.1
15 to 26 weeks.....	12.1	10.9	13.7	13.7	11.3	12.8	12.7	14.6	15.6
27 weeks and over.....	36.7	19.8	20.3	34.8	23.2	22.6	18.9	18.8	18.5

NOTE: Detail for the seasonally adjusted data shown in this table will not necessarily add to total unemployed in table A-1 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-13. Employed and unemployed persons by occupation, not seasonally adjusted

[Numbers in thousands]

Occupation	Employed		Unemployed		Unemployment rates	
	Sept. 2021	Sept. 2022	Sept. 2021	Sept. 2022	Sept. 2021	Sept. 2022
Total, 16 years and over ¹	154,026	159,003	7,366	5,460	4.6	3.3
Management, professional, and related occupations.....	65,163	69,056	1,580	1,291	2.4	1.8
Management, business, and financial operations occupations.....	27,952	29,780	669	537	2.3	1.8
Professional and related occupations.....	37,211	39,276	911	754	2.4	1.9
Service occupations.....	25,674	25,738	1,758	1,178	6.4	4.4
Sales and office occupations.....	29,593	29,602	1,525	1,154	4.9	3.8
Sales and related occupations.....	14,225	13,878	782	553	5.2	3.8
Office and administrative support occupations.....	15,368	15,725	743	601	4.6	3.7
Natural resources, construction, and maintenance occupations.....	14,295	14,518	700	477	4.7	3.2
Farming, fishing, and forestry occupations.....	1,024	934	71	42	6.5	4.3
Construction and extraction occupations.....	8,332	8,628	427	343	4.9	3.8
Installation, maintenance, and repair occupations.....	4,939	4,956	202	92	3.9	1.8
Production, transportation, and material moving occupations.....	19,301	20,088	1,298	904	6.3	4.3
Production occupations.....	7,967	8,222	463	304	5.5	3.6
Transportation and material moving occupations.....	11,335	11,866	835	600	6.9	4.8

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. Effective with January 2020 data, occupations reflect the introduction of the 2018 Census occupational classification system into the Current Population Survey, or household survey. This classification system is derived from the 2018 Standard Occupational Classification (SOC). No historical data have been revised. Data for 2020 are not strictly comparable with earlier years.

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	
	Sept. 2021	Sept. 2022	Sept. 2021	Sept. 2022
Total, 16 years and over ¹	7,366	5,460	4.6	3.3
Nonagricultural private wage and salary workers.....	5,868	4,297	4.6	3.3
Mining, quarrying, and oil and gas extraction.....	48	16	7.3	2.5
Construction.....	444	346	4.5	3.4
Manufacturing.....	580	416	3.9	2.8
Durable goods.....	370	236	3.9	2.5
Nondurable goods.....	210	181	3.8	3.3
Wholesale and retail trade.....	1,102	768	5.7	4.0
Transportation and utilities.....	447	337	5.4	4.0
Information.....	97	85	4.0	3.2
Financial activities.....	246	136	2.5	1.3
Professional and business services.....	802	544	4.4	2.9
Education and health services.....	805	659	3.3	2.6
Leisure and hospitality.....	1,019	802	7.7	5.9
Other services.....	278	189	4.2	2.8
Agriculture and related private wage and salary workers.....	77	46	5.0	3.2
Government workers.....	497	388	2.4	1.8
Self-employed workers, unincorporated, and unpaid family workers.....	438	288	4.1	2.8

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. Effective with January 2020 data, industries reflect the introduction of the 2017 Census industry classification system into the Current Population Survey. This industry classification system is derived from the 2017 North American Industry Classification System (NAICS). No historical data have been revised.

HOUSEHOLD DATA

Table A-15. Alternative measures of labor underutilization

[Percent]

Measure	Not seasonally adjusted			Seasonally adjusted					
	Sept. 2021	Aug. 2022	Sept. 2022	Sept. 2021	May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	2.2	1.2	1.1	2.3	1.2	1.3	1.1	1.2	1.2
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.....	2.3	1.7	1.3	2.5	1.7	1.6	1.6	1.7	1.5
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	4.6	3.8	3.3	4.7	3.6	3.6	3.5	3.7	3.5
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	4.8	4.0	3.6	5.0	3.9	3.8	3.7	3.9	3.8
U-5 Total unemployed, plus discouraged workers, plus all other persons marginally attached to the labor force, as a percent of the civilian labor force plus all persons marginally attached to the labor force.....	5.6	4.6	4.3	5.8	4.5	4.5	4.4	4.5	4.4
U-6 Total unemployed, plus all persons marginally attached to the labor force, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all persons marginally attached to the labor force.....	8.1	7.0	6.4	8.5	7.1	6.7	6.7	7.0	6.7

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

HOUSEHOLD DATA

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

[Numbers in thousands]

Category	Total		Men		Women	
	Sept. 2021	Sept. 2022	Sept. 2021	Sept. 2022	Sept. 2021	Sept. 2022
NOT IN THE LABOR FORCE						
Total not in the labor force.....	100,373	99,893	40,933	41,278	59,441	58,615
Persons who currently want a job.....	5,710	5,650	2,479	2,627	3,232	3,024
Marginally attached to the labor force ¹	1,732	1,619	887	817	844	802
Discouraged workers ²	409	462	246	286	163	176
Other persons marginally attached to the labor force ³ ..	1,323	1,157	642	531	682	626
MULTIPLE JOBHOLDERS						
Total multiple jobholders ⁴	7,032	7,739	3,530	3,753	3,502	3,986
Percent of total employed.....	4.6	4.9	4.3	4.4	4.8	5.4
Primary job full time, secondary job part time.....	3,904	4,307	2,148	2,300	1,757	2,007
Primary and secondary jobs both part time.....	1,690	1,925	636	664	1,054	1,261
Primary and secondary jobs both full time.....	352	420	222	251	130	169
Hours vary on primary or secondary job.....	1,055	1,042	510	518	545	525

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: Aug.2022 - Sept.2022 ^P
	Sept. 2021	July 2022	Aug. 2022 ^P	Sept. 2022 ^P	Sept. 2021	July 2022	Aug. 2022 ^P	Sept. 2022 ^P	
Total nonfarm.....	147,651	152,258	152,642	153,073	147,328	152,440	152,755	153,018	263
Total private.....	125,444	131,111	131,156	130,708	125,217	130,173	130,448	130,736	288
Goods-producing.....	20,601	21,450	21,470	21,402	20,416	21,153	21,188	21,232	44
Mining and logging.....	579	642	637	636	576	633	630	633	3
Logging.....	46.0	46.0	47.0	46.3	45.5	45.1	45.3	45.6	0.3
Mining.....	532.7	595.6	590.0	590.0	530.2	587.4	585.1	587.7	2.6
Oil and gas extraction.....	120.3	143.5	133.9	133.6	119.9	140.5	133.4	133.8	0.4
Mining, except oil and gas.....	177.7	183.8	183.2	181.9	175.7	179.9	179.6	179.6	0.0
Coal mining.....	36.2	38.1	37.8	37.8	36.5	38.2	38.0	38.0	0.0
Metal ore mining.....	41.2	44.0	43.9	43.6	41.5	43.3	43.6	43.9	0.3
Nonmetallic mineral mining and quarrying.....	100.3	101.7	101.5	100.5	97.7	98.3	98.0	97.7	-0.3
Support activities for mining.....	234.7	268.3	272.9	274.5	234.6	267.0	272.1	274.3	2.2
Construction.....	7,595	7,909	7,910	7,877	7,427	7,689	7,700	7,719	19
Construction of buildings.....	1,678.3	1,749.9	1,746.4	1,733.6	1,652.7	1,709.7	1,710.4	1,712.7	2.3
Residential building.....	876.4	921.9	918.9	906.9	867.8	900.5	900.9	900.8	-0.1
Nonresidential building.....	801.9	828.0	827.5	826.7	784.9	809.2	809.5	811.9	2.4
Heavy and civil engineering construction.....	1,089.4	1,126.6	1,126.4	1,126.0	1,035.4	1,077.8	1,075.7	1,075.2	-0.5
Specialty trade contractors.....	4,827.7	5,032.8	5,037.6	5,017.0	4,739.3	4,901.8	4,913.8	4,931.5	17.7
Residential specialty trade contractors.....	2,226.2	2,316.9	2,316.5	2,303.8	2,196.9	2,262.9	2,267.9	2,274.4	6.5
Nonresidential specialty trade contractors.....	2,601.5	2,715.9	2,721.1	2,713.2	2,542.4	2,638.9	2,645.9	2,657.1	11.2
Manufacturing.....	12,427	12,899	12,923	12,889	12,413	12,831	12,858	12,880	22
Durable goods.....	7,721	7,993	8,018	8,002	7,725	7,967	7,992	8,008	16
Wood products.....	413.2	433.6	432.8	432.5	414.1	433.0	432.4	434.6	2.2
Nonmetallic mineral products.....	408.4	419.7	422.7	419.6	402.6	412.5	415.9	414.4	-1.5
Primary metals.....	351.0	362.6	363.4	360.8	352.9	362.7	363.3	362.9	-0.4
Fabricated metal products.....	1,391.6	1,449.4	1,445.0	1,448.0	1,392.3	1,440.5	1,443.3	1,449.6	6.3
Machinery.....	1,061.4	1,105.4	1,102.0	1,095.6	1,063.1	1,096.5	1,098.7	1,097.0	-1.7
Computer and electronic products.....	1,060.1	1,093.8	1,096.3	1,089.5	1,062.8	1,087.5	1,091.1	1,091.5	0.4
Computer and peripheral equipment.....	158.9	163.9	164.8	164.6	158.8	163.1	163.9	164.3	0.4
Communications equipment.....	85.0	85.8	83.9	83.2	85.4	85.0	84.0	83.7	-0.3
Semiconductors and electronic components.....	369.2	389.5	390.4	387.2	370.7	385.9	388.4	388.3	-0.1
Electronic instruments.....	416.7	422.4	424.6	422.3	417.7	421.6	423.0	423.2	0.2
Miscellaneous computer and electronic products.....	30.3	32.2	32.6	32.2	30.2	31.9	31.9	32.0	0.1
Electrical equipment and appliances.....	395.8	412.4	411.2	412.9	397.1	409.6	411.3	414.3	3.0
Transportation equipment ¹	1,649.6	1,687.4	1,718.1	1,724.2	1,648.4	1,702.1	1,712.6	1,721.0	8.4
Motor vehicles and parts ²	966.8	983.8	1,011.0	1,016.8	964.2	999.0	1,003.0	1,011.3	8.3
Furniture and related products.....	378.1	384.6	382.3	379.4	379.0	382.8	382.0	381.7	-0.3
Miscellaneous durable goods manufacturing.....	612.1	644.1	644.6	639.1	612.7	640.0	641.2	640.7	-0.5
Nondurable goods.....	4,706	4,906	4,905	4,887	4,688	4,864	4,866	4,872	6
Food manufacturing.....	1,649.9	1,720.9	1,724.9	1,720.8	1,638.1	1,704.0	1,703.0	1,710.8	7.8
Textile mills.....	99.1	100.4	100.1	99.1	99.0	100.1	99.7	99.2	-0.5
Textile product mills.....	103.5	105.0	103.5	103.0	103.3	105.0	104.2	103.5	-0.7
Apparel.....	92.2	95.8	95.2	94.4	91.3	95.3	94.8	94.3	-0.5
Paper and paper products.....	347.6	359.4	358.2	358.0	347.5	359.4	358.9	359.0	0.1
Printing and related support activities.....	369.7	378.8	378.4	373.3	368.8	377.0	377.7	373.7	-4.0
Petroleum and coal products.....	107.2	110.5	111.4	111.1	105.4	108.1	108.8	109.1	0.3
Chemicals.....	867.1	909.2	909.5	907.5	870.5	903.5	907.4	910.8	3.4
Plastics and rubber products.....	725.1	755.0	754.9	750.5	728.2	753.1	753.2	751.8	-1.4
Miscellaneous nondurable goods manufacturing.....	344.8	370.9	369.3	369.0	336.0	358.4	358.3	359.6	1.3
Private service-providing.....	104,843	109,661	109,686	109,306	104,801	109,020	109,260	109,504	244
Trade, transportation, and utilities.....	27,730	28,644	28,647	28,595	27,907	28,754	28,819	28,822	3
Wholesale trade.....	5,701.9	5,916.2	5,916.0	5,907.4	5,703.9	5,881.8	5,897.9	5,909.2	11.3
Durable goods.....	3,134.1	3,257.9	3,259.5	3,254.5	3,136.1	3,240.4	3,250.2	3,257.2	7.0
Nondurable goods.....	2,086.4	2,155.1	2,153.6	2,148.9	2,084.5	2,139.6	2,145.6	2,147.9	2.3

See footnotes at end of table.

ESTABLISHMENT DATA

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Aug.2022 - Sept.2022 ^P
	Sept. 2021	July 2022	Aug. 2022 ^P	Sept. 2022 ^P	Sept. 2021	July 2022	Aug. 2022 ^P	Sept. 2022 ^P	
Wholesale trade - Continued									
Electronic markets and agents and brokers.....	481.4	503.2	502.9	504.0	483.3	501.8	502.1	504.1	2.0
Retail trade.....	15,353.5	15,793.3	15,777.6	15,667.4	15,493.6	15,800.2	15,842.8	15,841.7	-1.1
Motor vehicle and parts dealers.....	1,952.4	1,983.1	1,988.5	1,978.6	1,947.5	1,970.1	1,974.1	1,973.6	-0.5
Automobile dealers.....	1,228.0	1,236.5	1,240.7	1,234.1	1,226.0	1,233.1	1,234.9	1,233.1	-1.8
Other motor vehicle dealers.....	172.2	180.5	177.6	174.6	171.0	171.3	170.8	172.7	1.9
Auto parts, accessories, and tire stores...	552.2	566.1	570.2	569.9	550.5	565.7	568.4	567.8	-0.6
Furniture and home furnishings stores.....	438.3	430.5	425.9	422.9	444.9	435.5	433.1	431.3	-1.8
Electronics and appliance stores.....	419.5	421.8	422.3	419.5	423.3	432.8	431.4	429.3	-2.1
Building material and garden supply stores.....	1,388.4	1,432.2	1,405.8	1,379.8	1,392.2	1,391.4	1,396.3	1,390.2	-6.1
Food and beverage stores.....	3,085.3	3,203.3	3,209.8	3,180.7	3,115.9	3,188.8	3,202.6	3,205.3	2.7
Health and personal care stores.....	1,027.1	1,048.0	1,059.2	1,063.9	1,037.4	1,059.6	1,069.3	1,072.9	3.6
Gasoline stations.....	949.3	984.8	989.7	981.2	941.5	971.7	973.5	974.3	0.8
Clothing and clothing accessories stores....	1,041.6	1,082.1	1,087.8	1,069.9	1,059.9	1,081.2	1,085.1	1,085.3	0.2
Sporting goods, hobby, book, and music stores.....	532.3	533.1	529.7	520.9	541.8	535.7	531.8	529.5	-2.3
General merchandise stores.....	3,056.8	3,154.4	3,146.7	3,145.6	3,117.3	3,225.2	3,234.1	3,233.8	-0.3
Department stores.....	915.3	938.2	938.5	938.3	948.9	969.3	972.6	973.2	0.6
General merchandise stores, including warehouse clubs and supercenters.....	2,141.5	2,216.2	2,208.2	2,207.3	2,168.4	2,255.9	2,261.6	2,260.6	-1.0
Miscellaneous store retailers.....	815.9	877.4	868.7	858.4	824.1	859.8	862.0	866.9	4.9
Nonstore retailers.....	646.6	642.6	643.5	646.0	647.8	648.4	649.5	649.3	-0.2
Transportation and warehousing.....	6,136.7	6,388.8	6,410.1	6,479.5	6,169.7	6,531.2	6,536.6	6,528.7	-7.9
Air transportation.....	496.5	568.0	567.8	567.4	496.0	562.5	564.3	567.1	2.8
Rail transportation.....	145.8	146.3	146.8	146.8	145.8	146.6	146.7	146.8	0.1
Water transportation.....	57.0	66.0	63.0	62.2	55.7	62.1	61.2	61.2	0.0
Truck transportation.....	1,536.0	1,608.7	1,612.5	1,591.3	1,526.8	1,592.4	1,592.2	1,580.8	-11.4
Transit and ground passenger transportation.....	390.4	355.8	354.4	424.6	373.8	414.6	413.5	409.9	-3.6
Pipeline transportation.....	50.1	49.9	49.7	48.4	50.2	49.6	49.5	48.6	-0.9
Scenic and sightseeing transportation.....	28.1	36.1	35.3	34.1	25.0	29.3	29.5	30.9	1.4
Support activities for transportation.....	731.1	775.4	786.2	788.7	731.9	778.6	785.1	790.0	4.9
Couriers and messengers.....	1,034.7	1,032.3	1,045.2	1,055.3	1,080.6	1,108.4	1,112.6	1,111.2	-1.4
Warehousing and storage.....	1,667.0	1,750.3	1,749.2	1,760.7	1,683.9	1,787.1	1,782.0	1,782.2	0.2
Utilities.....	537.5	545.5	543.3	540.5	539.7	541.1	541.7	541.9	0.2
Information.....	2,872	3,055	3,049	3,044	2,874	3,025	3,030	3,043	13
Publishing industries, except Internet.....	790.1	843.1	845.8	846.0	792.4	837.1	842.6	848.2	5.6
Motion picture and sound recording industries.....	404.4	453.5	451.0	446.6	401.8	439.8	439.2	444.4	5.2
Broadcasting, except Internet.....	235.2	232.5	234.2	234.6	234.5	235.0	235.1	234.1	-1.0
Telecommunications.....	658.5	670.1	665.2	664.4	660.2	667.6	665.6	663.9	-1.7
Data processing, hosting and related services.....	399.1	424.6	420.9	423.4	401.0	421.6	422.2	424.1	1.9
Other information services.....	384.5	431.0	431.9	428.9	383.7	423.9	425.6	427.9	2.3
Financial activities.....	8,800	9,026	9,020	8,956	8,794	8,958	8,965	8,957	-8
Finance and insurance.....	6,506.6	6,628.3	6,622.7	6,576.6	6,517.0	6,601.3	6,603.3	6,590.3	-13.0
Monetary authorities - central bank.....	20.9	21.4	21.1	21.0	20.9	21.1	21.0	21.0	0.0
Credit intermediation and related activities.....	2,701.9	2,712.0	2,708.0	2,687.8	2,708.8	2,703.4	2,699.3	2,695.5	-3.8
Depository credit intermediation ¹	1,728.6	1,747.3	1,747.9	1,740.2	1,735.0	1,738.1	1,741.3	1,745.8	4.5
Commercial banking.....	1,344.9	1,348.6	1,347.7	1,339.8	1,350.6	1,340.7	1,341.9	1,344.1	2.2
Nondepository credit intermediation.....	640.5	632.3	627.2	618.0	639.7	632.1	625.3	618.2	-7.1
Activities related to credit intermediation...	332.8	332.4	332.9	329.6	334.0	333.2	332.7	331.5	-1.2
Securities, commodity contracts, investments, and funds and trusts.....	989.4	1,052.8	1,050.0	1,037.1	991.0	1,038.9	1,039.5	1,039.6	0.1
Insurance carriers and related activities.....	2,794.4	2,842.1	2,843.6	2,830.7	2,796.3	2,837.9	2,843.5	2,834.2	-9.3
Real estate and rental and leasing.....	2,293.3	2,397.5	2,397.2	2,379.5	2,277.2	2,356.4	2,361.8	2,366.8	5.0
Real estate.....	1,767.2	1,824.4	1,822.4	1,816.2	1,761.5	1,803.2	1,805.0	1,812.2	7.2
Rental and leasing services.....	505.8	552.2	554.0	542.7	495.2	532.6	536.3	534.0	-2.3

See footnotes at end of table.

ESTABLISHMENT DATA

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Aug.2022 - Sept.2022 ^P
	Sept. 2021	July 2022	Aug. 2022 ^P	Sept. 2022 ^P	Sept. 2021	July 2022	Aug. 2022 ^P	Sept. 2022 ^P	
Real estate and rental and leasing - Continued									
Lessors of nonfinancial intangible assets....	20.3	20.9	20.8	20.6	20.5	20.6	20.5	20.6	0.1
Professional and business services.....	21,460	22,418	22,475	22,452	21,383	22,373	22,427	22,473	46
Professional and technical services.....	9,933.9	10,526.1	10,526.7	10,447.2	10,012.5	10,490.8	10,522.6	10,533.3	10.7
Legal services.....	1,156.4	1,199.5	1,178.8	1,167.2	1,162.0	1,188.0	1,179.9	1,174.9	-5.0
Accounting and bookkeeping services.....	1,005.9	1,074.9	1,066.6	1,068.0	1,068.2	1,113.0	1,115.7	1,123.0	7.3
Architectural and engineering services.....	1,569.2	1,668.3	1,670.9	1,651.3	1,564.7	1,642.5	1,649.9	1,649.1	-0.8
Specialized design services.....	143.7	154.3	153.3	152.6	144.3	154.1	153.1	153.5	0.4
Computer systems design and related services.....	2,321.0	2,440.6	2,452.4	2,427.5	2,329.7	2,430.1	2,439.0	2,440.9	1.9
Management and technical consulting services.....	1,654.4	1,763.8	1,776.1	1,771.5	1,656.5	1,762.1	1,773.9	1,779.2	5.3
Scientific research and development services.....	832.8	904.6	898.3	890.2	837.3	889.7	889.8	894.4	4.6
Advertising and related services.....	450.9	489.4	492.1	483.4	451.6	486.5	490.1	485.4	-4.7
Other professional and technical services....	799.6	830.7	838.2	835.5	798.1	825.0	831.1	832.8	1.7
Management of companies and enterprises....	2,335.1	2,410.4	2,397.4	2,388.5	2,337.2	2,394.0	2,387.9	2,391.6	3.7
Administrative and waste services.....	9,190.9	9,481.3	9,550.7	9,615.9	9,033.7	9,487.8	9,516.4	9,548.0	31.6
Administrative and support services.....	8,730.1	8,999.3	9,066.2	9,134.2	8,573.7	9,011.1	9,037.4	9,068.5	31.1
Office administrative services.....	556.2	605.3	605.8	606.5	556.7	600.3	602.3	606.1	3.8
Facilities support services.....	154.6	156.2	157.1	158.0	155.2	156.0	156.1	157.3	1.2
Employment services ¹	3,626.4	3,748.2	3,811.1	3,905.6	3,537.0	3,872.0	3,888.4	3,909.5	21.1
Temporary help services.....	2,949.7	3,032.6	3,086.4	3,172.8	2,872.0	3,155.7	3,168.9	3,196.1	27.2
Business support services.....	803.4	764.6	766.9	760.5	804.4	781.2	777.1	765.6	-11.5
Travel arrangement and reservation services.....	146.0	156.9	156.1	155.8	144.1	153.6	153.0	154.1	1.1
Investigation and security services.....	908.3	926.6	934.1	944.8	908.4	928.4	933.1	942.5	9.4
Services to buildings and dwellings.....	2,223.1	2,315.4	2,306.0	2,274.7	2,160.4	2,195.8	2,202.3	2,210.2	7.9
Other support services.....	312.1	326.1	329.1	328.3	307.6	323.8	325.0	323.4	-1.6
Waste management and remediation services.....	460.8	482.0	484.5	481.7	460.0	476.7	479.0	479.5	0.5
Education and health services.....	23,706	24,191	24,289	24,598	23,737	24,480	24,555	24,645	90
Educational services.....	3,618.3	3,548.3	3,580.5	3,834.4	3,620.9	3,830.3	3,845.9	3,860.2	14.3
Health care and social assistance.....	20,087.2	20,642.9	20,708.9	20,763.8	20,115.7	20,649.3	20,709.5	20,784.9	75.4
Health care ³	16,015.6	16,422.7	16,468.6	16,518.3	16,025.8	16,407.9	16,455.5	16,515.6	60.1
Ambulatory health care services.....	7,916.2	8,194.7	8,211.7	8,229.7	7,931.8	8,196.5	8,215.8	8,243.9	28.1
Offices of physicians.....	2,751.0	2,836.5	2,841.5	2,853.5	2,756.0	2,835.2	2,845.3	2,855.5	10.2
Offices of dentists.....	1,002.7	1,045.8	1,046.0	1,037.6	1,004.6	1,041.4	1,040.8	1,042.0	1.2
Offices of other health practitioners.....	1,025.9	1,091.1	1,095.2	1,094.1	1,028.6	1,092.0	1,093.5	1,098.1	4.6
Outpatient care centers.....	1,002.6	1,028.0	1,029.9	1,031.2	1,004.3	1,027.3	1,030.8	1,032.2	1.4
Medical and diagnostic laboratories....	307.3	312.8	313.6	312.2	309.9	314.4	315.3	315.0	-0.3
Home health care services.....	1,513.0	1,563.5	1,567.4	1,581.7	1,515.6	1,569.0	1,571.7	1,582.3	10.6
Other ambulatory health care services.....	313.7	317.0	318.1	319.4	312.8	317.2	318.6	318.8	0.2
Hospitals.....	5,124.5	5,198.1	5,216.7	5,247.7	5,121.5	5,195.8	5,212.9	5,240.4	27.5
Nursing and residential care facilities....	2,974.9	3,029.9	3,040.2	3,040.9	2,972.5	3,015.6	3,026.8	3,031.3	4.5
Nursing care facilities.....	1,349.2	1,363.6	1,364.4	1,367.1	1,346.7	1,358.2	1,359.6	1,361.0	1.4
Residential mental health facilities.....	598.6	610.7	614.6	615.4	599.4	608.3	613.0	615.0	2.0
Community care facilities for the elderly.....	873.2	898.4	902.6	900.8	871.9	893.1	896.5	897.5	1.0
Other residential care facilities.....	153.9	157.2	158.6	157.6	154.4	156.0	157.6	157.8	0.2
Social assistance.....	4,071.6	4,220.2	4,240.3	4,245.5	4,089.9	4,241.4	4,254.0	4,269.3	15.3
Individual and family services.....	2,704.8	2,818.5	2,823.3	2,822.9	2,728.9	2,811.1	2,821.3	2,840.4	19.1
Emergency and other relief services.....	192.3	201.2	202.6	199.7	193.3	201.7	204.2	201.8	-2.4
Vocational rehabilitation services.....	272.9	276.8	277.6	274.8	273.7	272.1	274.7	275.3	0.6
Child day care services.....	901.6	923.7	936.8	948.1	894.0	956.4	953.8	951.8	-2.0
Leisure and hospitality.....	14,758	16,541	16,443	15,950	14,587	15,731	15,762	15,845	83
Arts, entertainment, and recreation.....	2,153.8	2,635.0	2,562.2	2,360.1	2,090.8	2,300.5	2,300.8	2,317.1	16.3
Performing arts and spectator sports.....	447.9	522.3	510.2	515.3	416.5	498.5	490.4	492.9	2.5
Museums, historical sites, and similar institutions.....	144.6	175.5	171.1	163.1	142.8	159.2	160.9	162.0	1.1

See footnotes at end of table.

ESTABLISHMENT DATA

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Aug.2022 - Sept.2022 ^P
	Sept. 2021	July 2022	Aug. 2022 ^P	Sept. 2022 ^P	Sept. 2021	July 2022	Aug. 2022 ^P	Sept. 2022 ^P	
Arts, entertainment, and recreation - Continued									
Amusements, gambling, and recreation.....	1,561.3	1,937.2	1,880.9	1,681.7	1,531.5	1,642.8	1,649.5	1,662.2	12.7
Accommodation and food services.....	12,604.1	13,905.6	13,880.8	13,589.4	12,496.5	13,430.3	13,460.9	13,527.6	66.7
Accommodation.....	1,595.5	1,884.5	1,855.3	1,760.3	1,541.3	1,715.3	1,720.2	1,726.9	6.7
Food services and drinking places.....	11,008.6	12,021.1	12,025.5	11,829.1	10,955.2	11,715.0	11,740.7	11,800.7	60.0
Other services.....	5,517	5,786	5,763	5,711	5,519	5,699	5,702	5,719	17
Repair and maintenance.....	1,367.5	1,436.7	1,437.7	1,435.1	1,366.7	1,425.4	1,427.8	1,435.4	7.6
Personal and laundry services.....	1,388.8	1,479.6	1,472.8	1,468.4	1,390.0	1,463.4	1,462.0	1,470.0	8.0
Membership associations and organizations...	2,760.6	2,869.4	2,852.9	2,807.3	2,762.2	2,809.8	2,812.0	2,813.5	1.5
Government.....	22,207	21,147	21,486	22,365	22,111	22,267	22,307	22,282	-25
Federal.....	2,895	2,878	2,867	2,873	2,885	2,864	2,862	2,864	2
Federal, except U.S. Postal Service.....	2,291.1	2,274.0	2,274.4	2,278.3	2,280.9	2,260.8	2,262.3	2,264.9	2.6
U.S. Postal Service.....	603.7	604.3	592.8	594.8	603.9	603.0	599.6	598.7	-0.9
State government.....	5,297	4,930	4,989	5,300	5,224	5,246	5,247	5,231	-16
State government education.....	2,634.2	2,275.1	2,333.4	2,662.8	2,562.5	2,607.0	2,605.1	2,598.0	-7.1
State government, excluding education.....	2,662.7	2,654.6	2,655.8	2,637.5	2,661.9	2,639.2	2,641.6	2,633.0	-8.6
Local government.....	14,015	13,339	13,630	14,192	14,002	14,157	14,198	14,187	-11
Local government education.....	7,662.0	6,713.4	7,029.6	7,764.2	7,635.5	7,756.6	7,777.1	7,755.4	-21.7
Local government, excluding education.....	6,353.2	6,625.5	6,599.9	6,428.0	6,366.2	6,400.1	6,420.8	6,431.9	11.1

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 2021 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	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p
AVERAGE WEEKLY HOURS				
Total private.....	34.8	34.5	34.5	34.5
Goods-producing.....	40.2	39.9	39.9	39.9
Mining and logging.....	45.4	46.2	46.2	46.2
Construction.....	39.5	38.7	38.7	38.7
Manufacturing.....	40.4	40.4	40.3	40.3
Durable goods.....	40.5	40.8	40.7	40.6
Nondurable goods.....	40.2	39.7	39.7	39.7
Private service-providing.....	33.7	33.5	33.4	33.5
Trade, transportation, and utilities.....	34.4	34.2	34.0	34.0
Wholesale trade.....	39.3	39.1	38.9	38.9
Retail trade.....	30.7	30.3	30.1	30.1
Transportation and warehousing.....	38.6	38.5	38.4	38.5
Utilities.....	42.3	42.2	41.6	41.8
Information.....	36.7	36.7	36.5	36.6
Financial activities.....	37.6	37.4	37.4	37.4
Professional and business services.....	36.7	36.6	36.6	36.8
Education and health services.....	33.3	33.4	33.4	33.4
Leisure and hospitality.....	26.2	25.6	25.6	25.6
Other services.....	32.3	32.3	32.2	32.4
AVERAGE OVERTIME HOURS				
Manufacturing.....	3.3	3.2	3.2	3.2
Durable goods.....	3.2	3.3	3.3	3.3
Nondurable goods.....	3.4	3.1	3.1	3.0

p Preliminary

NOTE: Data have been revised to reflect March 2021 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			
	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p
Total private.....	\$30.92	\$32.27	\$32.36	\$32.46	\$1,076.02	\$1,113.32	\$1,116.42	\$1,119.87
Goods-producing.....	31.33	32.51	32.58	32.70	1,259.47	1,297.15	1,299.94	1,304.73
Mining and logging.....	35.25	36.68	36.57	36.59	1,600.35	1,694.62	1,689.53	1,690.46
Construction.....	33.22	34.78	34.88	35.04	1,312.19	1,345.99	1,349.86	1,356.05
Manufacturing.....	30.02	30.98	31.03	31.13	1,212.81	1,251.59	1,250.51	1,254.54
Durable goods.....	31.52	32.52	32.61	32.70	1,276.56	1,326.82	1,327.23	1,327.62
Nondurable goods.....	27.52	28.37	28.38	28.48	1,106.30	1,126.29	1,126.69	1,130.66
Private service-providing.....	30.83	32.21	32.30	32.41	1,038.97	1,079.04	1,078.82	1,085.74
Trade, transportation, and utilities.....	26.57	27.72	27.78	27.89	914.01	948.02	944.52	948.26
Wholesale trade.....	33.98	35.16	35.27	35.42	1,335.41	1,374.76	1,372.00	1,377.84
Retail trade.....	22.14	23.02	23.02	23.04	679.70	697.51	692.90	693.50
Transportation and warehousing.....	26.66	28.06	28.22	28.41	1,029.08	1,080.31	1,083.65	1,093.79
Utilities.....	45.26	47.45	47.23	47.86	1,914.50	2,002.39	1,964.77	2,000.55
Information.....	44.30	46.38	47.20	47.51	1,625.81	1,702.15	1,722.80	1,738.87
Financial activities.....	40.30	41.68	41.83	42.24	1,515.28	1,558.83	1,564.44	1,579.78
Professional and business services.....	37.01	38.85	38.89	38.93	1,358.27	1,421.91	1,423.37	1,432.62
Education and health services.....	30.55	31.91	31.97	31.96	1,017.32	1,065.79	1,067.80	1,067.46
Leisure and hospitality.....	18.82	20.18	20.25	20.30	493.08	516.61	518.40	519.68
Other services.....	28.03	28.58	28.63	28.79	905.37	923.13	921.89	932.80

p Preliminary

NOTE: Data have been revised to reflect March 2021 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				
	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p	Percent change from: Aug. 2022 - Sept. 2022 ^p	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p	Percent change from: Aug. 2022 - Sept. 2022 ^p
Total private.....	109.4	112.7	113.0	113.2	0.2	161.7	173.9	174.8	175.7	0.5
Goods-producing.....	93.5	96.2	96.3	96.5	0.2	132.4	141.3	141.8	142.6	0.6
Mining and logging.....	82.2	91.9	91.5	91.9	0.4	116.3	135.3	134.3	135.0	0.5
Construction.....	101.1	102.6	102.7	103.0	0.3	146.0	155.0	155.7	156.8	0.7
Manufacturing.....	90.2	93.3	93.2	93.4	0.2	126.0	134.4	134.5	135.2	0.5
Durable goods.....	88.1	91.5	91.6	91.5	-0.1	123.3	132.2	132.6	132.9	0.2
Nondurable goods.....	94.1	96.4	96.4	96.5	0.1	131.4	138.7	138.9	139.5	0.4
Private service-providing.....	113.7	117.6	117.5	118.1	0.5	170.4	184.1	184.5	186.1	0.9
Trade, transportation, and utilities.....	104.7	107.3	106.9	106.9	0.0	150.1	160.4	160.2	160.8	0.4
Wholesale trade.....	98.9	101.4	101.2	101.4	0.2	140.5	149.2	149.3	150.2	0.6
Retail trade.....	96.6	97.2	96.8	96.8	0.0	141.3	147.9	147.3	147.4	0.1
Transportation and warehousing.....	136.8	144.5	144.2	144.4	0.1	185.6	206.2	207.1	208.7	0.8
Utilities.....	98.8	98.8	97.5	98.0	0.5	147.7	154.9	152.1	155.0	1.9
Information.....	96.3	101.4	101.0	101.7	0.7	151.9	167.4	169.7	172.1	1.4
Financial activities.....	108.3	109.8	109.9	109.8	-0.1	170.3	178.5	179.2	180.8	0.9
Professional and business services.....	123.0	128.4	128.7	129.7	0.8	184.4	202.0	202.7	204.4	0.8
Education and health services.....	129.1	133.5	133.9	134.4	0.4	189.7	205.0	206.0	206.7	0.3
Leisure and hospitality.....	109.0	114.9	115.1	115.7	0.5	165.6	187.1	188.1	189.6	0.8
Other services.....	102.8	106.1	105.9	106.8	0.8	157.9	166.2	166.1	168.6	1.5

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 2021 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			
	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p
Total nonfarm.....	73,465	76,005	76,146	76,301	49.9	49.9	49.8	49.9
Total private.....	60,694	63,057	63,182	63,337	48.5	48.4	48.4	48.4
Goods-producing.....	4,656	4,883	4,890	4,908	22.8	23.1	23.1	23.1
Mining and logging.....	73	83	83	85	12.7	13.1	13.2	13.4
Construction.....	1,026	1,080	1,080	1,084	13.8	14.0	14.0	14.0
Manufacturing.....	3,557	3,720	3,727	3,739	28.7	29.0	29.0	29.0
Durable goods.....	1,888	1,980	1,989	2,000	24.4	24.9	24.9	25.0
Nondurable goods.....	1,669	1,740	1,738	1,739	35.6	35.8	35.7	35.7
Private service-providing.....	56,038	58,174	58,292	58,429	53.5	53.4	53.4	53.4
Trade, transportation, and utilities.....	11,032	11,441	11,463	11,463	39.5	39.8	39.8	39.8
Wholesale trade.....	1,720.2	1,800.4	1,800.9	1,801.1	30.2	30.6	30.5	30.5
Retail trade.....	7,560.0	7,736.0	7,746.1	7,753.4	48.8	49.0	48.9	48.9
Transportation and warehousing.....	1,615.6	1,767.3	1,778.2	1,770.8	26.2	27.1	27.2	27.1
Utilities.....	135.8	137.5	138.1	138.1	25.2	25.4	25.5	25.5
Information.....	1,132	1,210	1,217	1,231	39.4	40.0	40.2	40.5
Financial activities.....	4,940	4,997	4,996	4,991	56.2	55.8	55.7	55.7
Professional and business services.....	9,929	10,298	10,306	10,302	46.4	46.0	46.0	45.8
Education and health services.....	18,355	18,876	18,932	19,017	77.3	77.1	77.1	77.2
Leisure and hospitality.....	7,729	8,321	8,344	8,389	53.0	52.9	52.9	52.9
Other services.....	2,921	3,031	3,034	3,036	52.9	53.2	53.2	53.1
Government.....	12,771	12,948	12,964	12,964	57.8	58.1	58.1	58.2

p Preliminary

NOTE: Data have been revised to reflect March 2021 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	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p
Total private.....	102,152	106,064	106,288	106,507
Goods-producing.....	14,551	15,163	15,192	15,222
Mining and logging.....	428	472	471	468
Construction.....	5,482	5,686	5,695	5,708
Manufacturing.....	8,641	9,005	9,026	9,046
Durable goods.....	5,301	5,509	5,533	5,545
Nondurable goods.....	3,340	3,496	3,493	3,501
Private service-providing.....	87,601	90,901	91,096	91,285
Trade, transportation, and utilities.....	23,579	24,261	24,311	24,314
Wholesale trade.....	4,535.1	4,675.4	4,683.7	4,688.9
Retail trade.....	13,237.8	13,470.7	13,494.3	13,492.3
Transportation and warehousing.....	5,376.7	5,680.6	5,699.3	5,699.1
Utilities.....	429.5	434.7	434.0	433.5
Information.....	2,285	2,414	2,416	2,421
Financial activities.....	6,628	6,746	6,747	6,749
Professional and business services.....	17,349	17,886	17,931	17,969
Education and health services.....	20,725	21,299	21,341	21,402
Leisure and hospitality.....	12,538	13,653	13,703	13,766
Other services.....	4,497	4,642	4,647	4,664

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 2021 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	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p
AVERAGE WEEKLY HOURS				
Total private.....	34.3	34.0	33.9	34.0
Goods-producing.....	41.2	40.7	40.6	40.7
Mining and logging.....	47.2	48.1	47.3	47.8
Construction.....	40.4	39.5	39.5	39.5
Manufacturing.....	41.4	41.1	41.0	41.1
Durable goods.....	41.3	41.5	41.3	41.4
Nondurable goods.....	41.4	40.5	40.4	40.5
Private service-providing.....	33.1	32.9	32.8	32.9
Trade, transportation, and utilities.....	34.3	34.0	33.9	34.0
Wholesale trade.....	39.1	39.2	38.9	38.9
Retail trade.....	30.7	30.3	30.2	30.4
Transportation and warehousing.....	38.4	37.8	37.8	37.8
Utilities.....	42.4	42.4	42.4	42.0
Information.....	36.5	36.2	36.1	36.1
Financial activities.....	37.3	37.4	37.3	37.3
Professional and business services.....	36.4	36.4	36.4	36.5
Education and health services.....	32.6	32.6	32.6	32.6
Leisure and hospitality.....	25.0	24.5	24.5	24.6
Other services.....	31.4	31.2	31.2	31.3
AVERAGE OVERTIME HOURS				
Manufacturing.....	4.1	4.0	3.9	3.9
Durable goods.....	4.1	4.2	4.1	4.1
Nondurable goods.....	4.2	3.7	3.7	3.6

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 2021 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			
	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p
Total private.....	\$26.26	\$27.57	\$27.67	\$27.77	\$900.72	\$937.38	\$938.01	\$944.18
Goods-producing.....	26.81	28.02	28.14	28.27	1,104.57	1,140.41	1,142.48	1,150.59
Mining and logging.....	31.37	33.06	33.14	33.02	1,480.66	1,590.19	1,567.52	1,578.36
Construction.....	30.76	32.41	32.62	32.83	1,242.70	1,280.20	1,288.49	1,296.79
Manufacturing.....	24.10	25.05	25.11	25.22	997.74	1,029.56	1,029.51	1,036.54
Durable goods.....	25.11	26.17	26.26	26.36	1,037.04	1,086.06	1,084.54	1,091.30
Nondurable goods.....	22.51	23.24	23.27	23.37	931.91	941.22	940.11	946.49
Private service-providing.....	26.14	27.48	27.57	27.66	865.23	904.09	904.30	910.01
Trade, transportation, and utilities.....	22.71	23.98	24.08	24.17	778.95	815.32	816.31	821.78
Wholesale trade.....	28.08	29.31	29.37	29.54	1,097.93	1,148.95	1,142.49	1,149.11
Retail trade.....	18.70	19.59	19.63	19.66	574.09	593.58	592.83	597.66
Transportation and warehousing.....	24.44	26.19	26.47	26.69	938.50	989.98	1,000.57	1,008.88
Utilities.....	40.18	42.27	42.15	42.25	1,703.63	1,792.25	1,787.16	1,774.50
Information.....	36.65	37.79	38.26	38.77	1,337.73	1,368.00	1,381.19	1,399.60
Financial activities.....	30.54	32.46	32.52	32.84	1,139.14	1,214.00	1,213.00	1,224.93
Professional and business services.....	31.01	32.62	32.66	32.73	1,128.76	1,187.37	1,188.82	1,194.65
Education and health services.....	27.67	28.97	29.07	29.08	902.04	944.42	947.68	948.01
Leisure and hospitality.....	16.65	17.82	17.92	17.97	416.25	436.59	439.04	442.06
Other services.....	23.91	24.64	24.58	24.75	750.77	768.77	766.90	774.68

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 2021 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				
	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p	Percent change from: Aug. 2022 - Sept. 2022 ^p	Sept. 2021	July 2022	Aug. 2022 ^p	Sept. 2022 ^p	Percent change from: Aug. 2022 - Sept. 2022 ^p
Total private.....	116.8	120.2	120.1	120.7	0.5	204.9	221.4	222.1	224.0	0.9
Goods-producing.....	91.6	94.3	94.3	94.7	0.4	150.4	161.8	162.4	163.9	0.9
Mining and logging.....	107.4	120.6	118.4	118.9	0.4	195.9	232.0	228.2	228.3	0.0
Construction.....	110.9	112.5	112.6	112.9	0.3	184.2	196.8	198.4	200.1	0.9
Manufacturing.....	82.1	85.0	85.0	85.3	0.4	129.4	139.2	139.5	140.8	0.9
Durable goods.....	82.2	85.9	85.8	86.2	0.5	128.9	140.3	140.7	141.9	0.9
Nondurable goods.....	81.5	83.4	83.1	83.5	0.5	129.6	137.0	136.7	138.0	1.0
Private service-providing.....	123.5	127.4	127.3	128.0	0.5	221.5	240.2	240.7	242.8	0.9
Trade, transportation, and utilities.....	113.1	115.4	115.3	115.6	0.3	183.6	197.7	198.3	199.7	0.7
Wholesale trade.....	105.2	108.8	108.1	108.3	0.2	174.4	188.2	187.4	188.7	0.7
Retail trade.....	102.8	103.3	103.1	103.8	0.7	164.8	173.4	173.5	174.9	0.8
Transportation and warehousing.....	156.3	162.5	163.0	163.0	0.0	243.1	270.9	274.7	277.0	0.8
Utilities.....	93.1	94.3	94.1	93.1	-1.1	156.2	166.3	165.6	164.2	-0.8
Information.....	95.2	99.7	99.5	99.8	0.3	172.7	186.6	188.5	191.5	1.6
Financial activities.....	116.4	118.7	118.4	118.5	0.1	218.6	237.1	237.0	239.4	1.0
Professional and business services.....	141.2	145.6	145.9	146.6	0.5	260.4	282.4	283.4	285.4	0.7
Education and health services.....	144.1	148.0	148.3	148.8	0.3	263.1	283.1	284.6	285.5	0.3
Leisure and hospitality.....	114.8	122.5	123.0	124.0	0.8	217.1	248.0	250.3	253.1	1.1
Other services.....	99.0	101.6	101.7	102.4	0.7	172.5	182.4	182.1	184.6	1.4

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 2021 benchmark levels and updated seasonal adjustment factors.