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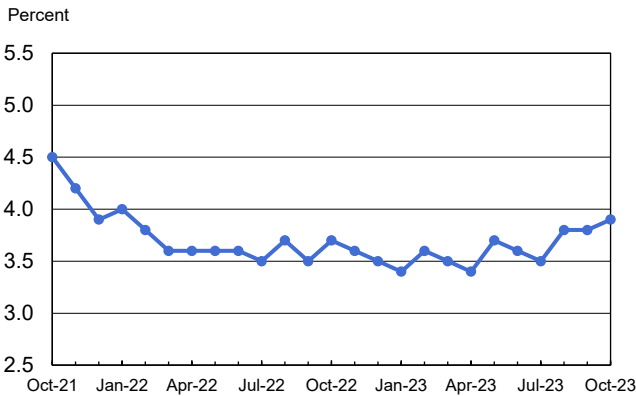
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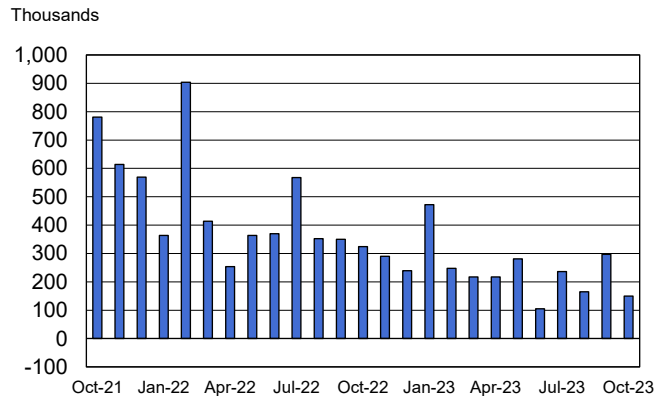
**THE EMPLOYMENT SITUATION — OCTOBER 2023**

Total **nonfarm payroll employment** increased by 150,000 in October, and the **unemployment rate** changed little at 3.9 percent, the U.S. Bureau of Labor Statistics reported today. Job gains occurred in health care, government, and social assistance. Employment declined in manufacturing due to strike activity.

**Chart 1. Unemployment rate, seasonally adjusted, October 2021 – October 2023**



**Chart 2. Nonfarm payroll employment over-the-month change, seasonally adjusted, October 2021 – October 2023**



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

**Household Survey Data**

Both the **unemployment rate**, at 3.9 percent, and the number of **unemployed persons**, at 6.5 million, changed little in October. However, since their recent lows in April, these measures are up by 0.5 percentage point and 849,000, respectively. (See table A-1.)

Among the **major worker groups**, the unemployment rates for adult men (3.7 percent), adult women (3.3 percent), teenagers (13.2 percent), Whites (3.5 percent), Blacks (5.8 percent), Asians (3.1 percent), and Hispanics (4.8 percent) showed little change in October. (See tables A-1, A-2, and A-3.)

Among the unemployed, the number of **permanent job losers** increased by 164,000 over the month to 1.6 million. The number of persons on **temporary layoff** changed little at 873,000. (See table A-11.)

In October, the number of **long-term unemployed** (those jobless for 27 weeks or more) was little changed at 1.3 million. The long-term unemployed accounted for 19.8 percent of all unemployed persons. (See table A-12.)

Both the **labor force participation rate**, at 62.7 percent, and the **employment-population ratio**, at 60.2 percent, changed little in October. (See table A-1.)

The number of persons employed **part time for economic reasons**, at 4.3 million, changed little in October. 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.)

In October, the number of persons **not in the labor force who currently want a job** was 5.4 million, little different from the prior month. 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** changed little at 1.4 million in October. 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, also changed little over the month at 416,000. (See Summary table A.)

### **Establishment Survey Data**

Total **nonfarm payroll employment** increased by 150,000 in October, below the average monthly gain of 258,000 over the prior 12 months. In October, job gains occurred in health care, government, and social assistance. Employment in manufacturing declined due to strike activity. (See table B-1.)

**Health care** added 58,000 jobs in October, in line with the average monthly gain of 53,000 over the prior 12 months. Over the month, employment continued to trend up in ambulatory health care services (+32,000), hospitals (+18,000), and nursing and residential care facilities (+8,000).

Employment in **government** increased by 51,000 in October and has returned to its pre-pandemic February 2020 level. Monthly job growth in government had averaged 50,000 in the prior 12 months. In October, employment continued to trend up in local government (+38,000).

**Social assistance** added 19,000 jobs in October, compared with the average monthly gain of 23,000 over the prior 12 months. Over the month, employment continued to trend up in individual and family services (+14,000).

In October, **construction** employment continued to trend up (+23,000), about in line with the average monthly gain of 18,000 over the prior 12 months. Employment continued to trend up over the month in specialty trade contractors (+14,000) and construction of buildings (+6,000).

Employment in **manufacturing** decreased by 35,000 in October, reflecting a decline of 33,000 in motor vehicles and parts that was largely due to strike activity.

In October, employment in **leisure and hospitality** changed little (+19,000). The industry had added an average of 52,000 jobs per month over the prior 12 months.

Employment in **professional and business services** was little changed in October (+15,000) and has shown little net change since May. Employment in temporary help services changed little over the month (+7,000) but is 229,000 below its peak in March 2022.

In October, employment in **transportation and warehousing** was little changed (-12,000) and has shown little net change over the year. Over the month, warehousing and storage lost 11,000 jobs, while air transportation added 4,000 jobs.

**Information** employment changed little in October (-9,000). Employment in motion picture and sound recording continued to trend down (-5,000); the industry has lost 44,000 jobs since May, at least partially reflecting the impact of an ongoing labor dispute.

Over the month, employment showed little change in other major industries, including **mining, quarrying, and oil and gas extraction; wholesale trade; retail trade; financial activities; and other services.**

In October, **average hourly earnings for all employees** on private nonfarm payrolls rose by 7 cents, or 0.2 percent, to \$34.00. Over the past 12 months, average hourly earnings have increased by 4.1 percent. In October, average hourly earnings of private-sector **production and nonsupervisory employees** rose by 10 cents, or 0.3 percent, to \$29.19. (See tables B-3 and B-8.)

The **average workweek for all employees** on private nonfarm payrolls edged down by 0.1 hour to 34.3 hours in October. In manufacturing, the average workweek was little changed at 40.0 hours, and overtime edged down by 0.1 hour to 2.9 hours. The average workweek for **production and nonsupervisory employees** on private nonfarm payrolls edged down by 0.1 hour to 33.7 hours. (See tables B-2 and B-7.)

The change in total nonfarm payroll employment for August was revised down by 62,000, from +227,000 to +165,000, and the change for September was revised down by 39,000, from +336,000 to +297,000. With these revisions, employment in August and September combined is 101,000 lower 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.)

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**The Employment Situation for November is scheduled to be released on Friday, December 8, 2023, at 8:30 a.m. (ET).**

# HOUSEHOLD DATA

## Summary table A. Household data, seasonally adjusted

[Numbers in thousands]

Category	Oct. 2022	Aug. 2023	Sept. 2023	Oct. 2023	Change from: Sept. 2023- Oct. 2023
<b>Employment status</b>					
Civilian noninstitutional population.....	264,535	267,213	267,428	267,642	214
Civilian labor force.....	164,646	167,839	167,929	167,728	-201
Participation rate.....	62.2	62.8	62.8	62.7	-0.1
Employed.....	158,593	161,484	161,570	161,222	-348
Employment-population ratio.....	60.0	60.4	60.4	60.2	-0.2
Unemployed.....	6,053	6,355	6,360	6,506	146
Unemployment rate.....	3.7	3.8	3.8	3.9	0.1
Not in labor force.....	99,890	99,374	99,498	99,914	416
<b>Unemployment rates</b>					
Total, 16 years and over.....	3.7	3.8	3.8	3.9	0.1
Adult men (20 years and over).....	3.3	3.7	3.8	3.7	-0.1
Adult women (20 years and over).....	3.4	3.2	3.1	3.3	0.2
Teenagers (16 to 19 years).....	11.0	12.2	11.6	13.2	1.6
White.....	3.3	3.4	3.4	3.5	0.1
Black or African American.....	5.9	5.3	5.7	5.8	0.1
Asian.....	2.9	3.1	2.8	3.1	0.3
Hispanic or Latino ethnicity.....	4.2	4.9	4.6	4.8	0.2
Total, 25 years and over.....	3.0	3.0	3.1	3.1	0.0
Less than a high school diploma.....	6.2	5.4	5.5	5.8	0.3
High school graduates, no college.....	3.9	3.8	4.1	4.0	-0.1
Some college or associate degree.....	3.0	3.0	3.0	3.1	0.1
Bachelor's degree and higher.....	1.9	2.2	2.1	2.1	0.0
<b>Reason for unemployment</b>					
Job losers and persons who completed temporary jobs.....	2,695	2,914	2,858	3,059	201
Job leavers.....	861	801	797	800	3
Reentrants.....	1,873	1,930	2,043	1,884	-159
New entrants.....	494	597	568	612	44
<b>Duration of unemployment</b>					
Less than 5 weeks.....	2,215	2,221	2,051	2,268	217
5 to 14 weeks.....	1,774	1,877	2,044	1,836	-208
15 to 26 weeks.....	817	1,002	1,072	1,081	9
27 weeks and over.....	1,169	1,296	1,216	1,282	66
<b>Employed persons at work part time</b>					
Part time for economic reasons.....	3,664	4,221	4,065	4,283	218
Slack work or business conditions.....	2,535	2,799	2,793	2,982	189
Could only find part-time work.....	867	1,021	938	1,002	64
Part time for noneconomic reasons.....	21,297	21,975	22,152	21,539	-613
<b>Persons not in the labor force</b>					
Marginally attached to the labor force.....	1,493	1,505	1,457	1,417	-40
Discouraged workers.....	373	386	367	416	49

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	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>
<b>EMPLOYMENT BY SELECTED INDUSTRY</b> (Over-the-month change, in thousands)				
Total nonfarm.....	324	165	297	150
Total private.....	299	114	246	99
Goods-producing.....	57	28	28	-11
Mining and logging.....	3	0	1	1
Construction.....	17	30	13	23
Manufacturing.....	37	-2	14	-35
Durable goods <sup>1</sup> .....	27	0	10	-36
Motor vehicles and parts.....	3.4	-3.7	8.9	-33.2
Nondurable goods.....	10	-2	4	1
Private service-providing.....	242	86	218	110
Wholesale trade.....	15.8	2.5	16.0	9.4
Retail trade.....	-5.6	-5.9	13.3	0.7
Transportation and warehousing.....	19.9	-26.9	12.5	-12.1
Utilities.....	1.3	2.4	1.5	0.8
Information.....	3	-22	-4	-9
Financial activities.....	18	1	2	-2
Professional and business services <sup>1</sup> .....	36	8	17	15
Temporary help services.....	10.2	-10.1	-8.9	6.6
Private education and health services <sup>1</sup> .....	85	105	78	89
Health care and social assistance.....	74.0	96.1	69.3	77.2
Leisure and hospitality.....	61	8	74	19
Other services.....	8	14	8	-1
Government.....	25	51	51	51
<b>(3-month average change, in thousands)</b>				
Total nonfarm.....	342	169	233	204
Total private.....	316	115	168	153
<b>WOMEN AND PRODUCTION AND NONSUPERVISORY EMPLOYEES</b> AS A PERCENT OF ALL EMPLOYEES <sup>2</sup>				
Total nonfarm women employees.....	49.8	49.8	49.8	49.9
Total private women employees.....	48.4	48.4	48.4	48.4
Total private production and nonsupervisory employees.....	81.4	81.4	81.3	81.3
<b>HOURS AND EARNINGS</b> <b>ALL EMPLOYEES</b> <b>Total private</b>				
Average weekly hours.....	34.6	34.4	34.4	34.3
Average hourly earnings.....	\$32.66	\$33.82	\$33.93	\$34.00
Average weekly earnings.....	\$1,130.04	\$1,163.41	\$1,167.19	\$1,166.20
Index of aggregate weekly hours (2007=100) <sup>3</sup> .....	114.4	115.4	115.7	115.4
Over-the-month percent change.....	0.2	0.3	0.3	-0.3
Index of aggregate weekly payrolls (2007=100) <sup>4</sup> .....	178.7	186.7	187.6	187.6
Over-the-month percent change.....	0.6	0.6	0.5	0.0
<b>DIFFUSION INDEX</b> (Over 1-month span) <sup>5</sup>				
Total private (250 industries).....	65.2	60.0	61.4	52.0
Manufacturing (72 industries).....	62.5	50.7	47.9	42.4

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

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

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

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

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

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NOTE: Data have been revised to reflect March 2022 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 130,000 is statistically significant in the establishment survey, while the threshold for a statistically significant change in the household survey is about 600,000. 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](http://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](http://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](http://www.bls.gov/web/empsit/cesbmart.htm).

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

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

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

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

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

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

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

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

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

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

Typically, it is not possible to precisely quantify the effect of extreme weather on payroll employment estimates. In order for severe weather conditions to reduce employment estimates, employees have to be off work without pay for the entire pay period. Employees who receive pay for any part of the pay period, even 1 hour, are counted in the payroll employment figures. For more information on how often employees are paid, please visit [www.bls.gov/ces/publications/length-pay-period.htm](http://www.bls.gov/ces/publications/length-pay-period.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](http://data.bls.gov/cgi-bin/surveymost?ln).

# Technical Note

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

The establishment survey provides information on employment, hours, and earnings of employees on nonfarm payrolls; the data appear in the "B" tables, marked ESTABLISHMENT DATA. BLS collects these data each month from the payroll records of a sample of nonagricultural business establishments. Each month the CES program surveys about 122,000 businesses and government agencies, representing approximately 666,000 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](http://www.bls.gov/cps/documentation.htm).

**Establishment survey.** The sample establishments are drawn from private nonfarm businesses such as factories, offices, and stores, as well as from federal, state, and local government entities. *Employees on nonfarm payrolls* are those who 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 2022 version of the North American Industry Classification System. Additional information about the establishment survey can be found at [www.bls.gov/ces/](http://www.bls.gov/ces/).

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

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



## Seasonal adjustment

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

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

Many seasonally adjusted series are independently adjusted in both the household and establishment surveys. However, the adjusted series for many major estimates, such as total payroll employment, employment in most major sectors, total employment, and unemployment are computed by aggregating independently adjusted component series. For example, total unemployment is derived by summing the adjusted series for four major age-sex components; this differs from the unemployment estimate that would be obtained by directly adjusting the total or by combining the duration, reasons, or more detailed age categories. 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](http://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 130,000. 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 -80,000 to +180,000 (50,000 +/- 130,000). 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 <sup>1</sup>					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
<b>TOTAL</b>									
Civilian noninstitutional population.....	264,535	267,428	267,642	264,535	266,801	267,002	267,213	267,428	267,642
Civilian labor force.....	164,753	167,718	167,774	164,646	166,951	167,103	167,839	167,929	167,728
Participation rate.....	62.3	62.7	62.7	62.2	62.6	62.6	62.8	62.8	62.7
Employed.....	159,144	161,669	161,676	158,593	160,994	161,262	161,484	161,570	161,222
Employment-population ratio.....	60.2	60.5	60.4	60.0	60.3	60.4	60.4	60.4	60.2
Unemployed.....	5,609	6,049	6,098	6,053	5,957	5,841	6,355	6,360	6,506
Unemployment rate.....	3.4	3.6	3.6	3.7	3.6	3.5	3.8	3.8	3.9
Not in labor force.....	99,782	99,710	99,868	99,890	99,850	99,899	99,374	99,498	99,914
Persons who currently want a job.....	5,341	5,299	5,037	5,681	5,389	5,247	5,370	5,450	5,373
<b>Men, 16 years and over</b>									
Civilian noninstitutional population.....	128,897	130,713	130,816	128,897	130,408	130,507	130,608	130,713	130,816
Civilian labor force.....	87,685	89,159	88,730	87,772	88,836	88,695	89,082	89,331	88,871
Participation rate.....	68.0	68.2	67.8	68.1	68.1	68.0	68.2	68.3	67.9
Employed.....	84,799	85,745	85,384	84,559	85,547	85,492	85,493	85,633	85,217
Employment-population ratio.....	65.8	65.6	65.3	65.6	65.6	65.5	65.5	65.5	65.1
Unemployed.....	2,886	3,414	3,345	3,212	3,289	3,203	3,589	3,697	3,654
Unemployment rate.....	3.3	3.8	3.8	3.7	3.7	3.6	4.0	4.1	4.1
Not in labor force.....	41,212	41,553	42,087	41,126	41,572	41,811	41,527	41,382	41,945
<b>Men, 20 years and over</b>									
Civilian noninstitutional population.....	120,225	121,931	122,029	120,225	121,646	121,735	121,832	121,931	122,029
Civilian labor force.....	84,623	86,086	85,542	84,606	85,774	85,739	85,934	86,130	85,597
Participation rate.....	70.4	70.6	70.1	70.4	70.5	70.4	70.5	70.6	70.1
Employed.....	82,093	83,057	82,663	81,776	82,868	82,922	82,777	82,837	82,423
Employment-population ratio.....	68.3	68.1	67.7	68.0	68.1	68.1	67.9	67.9	67.5
Unemployed.....	2,530	3,029	2,879	2,829	2,906	2,817	3,157	3,293	3,174
Unemployment rate.....	3.0	3.5	3.4	3.3	3.4	3.3	3.7	3.8	3.7
Not in labor force.....	35,601	35,845	36,487	35,619	35,871	35,997	35,898	35,801	36,432
<b>Women, 16 years and over</b>									
Civilian noninstitutional population.....	135,638	136,715	136,826	135,638	136,393	136,496	136,605	136,715	136,826
Civilian labor force.....	77,068	78,559	79,045	76,874	78,115	78,408	78,757	78,599	78,857
Participation rate.....	56.8	57.5	57.8	56.7	57.3	57.4	57.7	57.5	57.6
Employed.....	74,345	75,924	76,292	74,033	75,448	75,769	75,991	75,936	76,005
Employment-population ratio.....	54.8	55.5	55.8	54.6	55.3	55.5	55.6	55.5	55.5
Unemployed.....	2,723	2,634	2,753	2,841	2,668	2,638	2,766	2,662	2,852
Unemployment rate.....	3.5	3.4	3.5	3.7	3.4	3.4	3.5	3.4	3.6
Not in labor force.....	58,570	58,156	57,781	58,764	58,277	58,088	57,847	58,116	57,969
<b>Women, 20 years and over</b>									
Civilian noninstitutional population.....	127,204	128,237	128,342	127,204	127,932	128,028	128,132	128,237	128,342
Civilian labor force.....	74,069	75,602	75,888	73,752	74,927	75,205	75,541	75,497	75,584
Participation rate.....	58.2	59.0	59.1	58.0	58.6	58.7	59.0	58.9	58.9
Employed.....	71,628	73,292	73,499	71,218	72,567	72,877	73,121	73,163	73,115
Employment-population ratio.....	56.3	57.2	57.3	56.0	56.7	56.9	57.1	57.1	57.0
Unemployed.....	2,441	2,310	2,390	2,534	2,360	2,328	2,419	2,334	2,469
Unemployment rate.....	3.3	3.1	3.1	3.4	3.1	3.1	3.2	3.1	3.3
Not in labor force.....	53,135	52,635	52,454	53,452	53,005	52,822	52,591	52,740	52,759
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population.....	17,107	17,260	17,270	17,107	17,223	17,239	17,249	17,260	17,270
Civilian labor force.....	6,061	6,030	6,344	6,288	6,250	6,159	6,365	6,303	6,547
Participation rate.....	35.4	34.9	36.7	36.8	36.3	35.7	36.9	36.5	37.9
Employed.....	5,422	5,321	5,514	5,598	5,559	5,462	5,586	5,570	5,685
Employment-population ratio.....	31.7	30.8	31.9	32.7	32.3	31.7	32.4	32.3	32.9
Unemployed.....	638	710	830	690	691	696	779	733	863
Unemployment rate.....	10.5	11.8	13.1	11.0	11.0	11.3	12.2	11.6	13.2
Not in labor force.....	11,046	11,230	10,927	10,819	10,973	11,080	10,885	10,957	10,723

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

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Employment status, race, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
<b>WHITE</b>									
Civilian noninstitutional population.....	203,522	204,756	204,867	203,522	204,433	204,536	204,645	204,756	204,867
Civilian labor force.....	126,215	127,706	127,686	126,180	127,306	127,329	127,976	127,829	127,651
Participation rate.....	62.0	62.4	62.3	62.0	62.3	62.3	62.5	62.4	62.3
Employed.....	122,490	123,547	123,623	122,063	123,389	123,393	123,571	123,456	123,220
Employment-population ratio.....	60.2	60.3	60.3	60.0	60.4	60.3	60.4	60.3	60.1
Unemployed.....	3,725	4,160	4,063	4,117	3,917	3,936	4,405	4,373	4,431
Unemployment rate.....	3.0	3.3	3.2	3.3	3.1	3.1	3.4	3.4	3.5
Not in labor force.....	77,308	77,049	77,181	77,342	77,127	77,207	76,669	76,926	77,216
<b>Men, 20 years and over</b>									
Civilian labor force.....	66,025	66,622	66,334	66,032	66,543	66,414	66,565	66,643	66,360
Participation rate.....	70.3	70.3	70.0	70.3	70.3	70.2	70.3	70.3	70.0
Employed.....	64,276	64,514	64,359	64,026	64,545	64,423	64,324	64,321	64,135
Employment-population ratio.....	68.4	68.1	67.9	68.2	68.2	68.0	67.9	67.9	67.6
Unemployed.....	1,749	2,108	1,975	2,006	1,998	1,991	2,241	2,322	2,225
Unemployment rate.....	2.6	3.2	3.0	3.0	3.0	3.0	3.4	3.5	3.4
<b>Women, 20 years and over</b>									
Civilian labor force.....	55,592	56,503	56,501	55,340	55,994	56,188	56,451	56,401	56,255
Participation rate.....	57.2	58.0	57.9	57.0	57.6	57.7	58.0	57.9	57.7
Employed.....	54,043	54,912	55,002	53,691	54,536	54,690	54,826	54,810	54,662
Employment-population ratio.....	55.6	56.3	56.4	55.3	56.1	56.2	56.3	56.2	56.1
Unemployed.....	1,550	1,592	1,498	1,649	1,458	1,498	1,625	1,591	1,593
Unemployment rate.....	2.8	2.8	2.7	3.0	2.6	2.7	2.9	2.8	2.8
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	4,597	4,581	4,851	4,807	4,769	4,727	4,960	4,785	5,036
Participation rate.....	36.8	36.6	38.7	38.5	38.1	37.8	39.6	38.2	40.2
Employed.....	4,171	4,121	4,262	4,346	4,308	4,281	4,421	4,324	4,423
Employment-population ratio.....	33.4	32.9	34.0	34.8	34.4	34.2	35.3	34.5	35.3
Unemployed.....	426	460	589	462	461	447	539	460	613
Unemployment rate.....	9.3	10.0	12.1	9.6	9.7	9.5	10.9	9.6	12.2
<b>BLACK OR AFRICAN AMERICAN</b>									
Civilian noninstitutional population.....	34,237	34,751	34,788	34,237	34,644	34,678	34,714	34,751	34,788
Civilian labor force.....	21,368	21,808	21,996	21,247	21,695	21,751	21,746	21,868	21,871
Participation rate.....	62.4	62.8	63.2	62.1	62.6	62.7	62.6	62.9	62.9
Employed.....	20,124	20,622	20,716	19,988	20,402	20,496	20,596	20,616	20,601
Employment-population ratio.....	58.8	59.3	59.5	58.4	58.9	59.1	59.3	59.3	59.2
Unemployed.....	1,244	1,186	1,281	1,259	1,292	1,255	1,150	1,253	1,270
Unemployment rate.....	5.8	5.4	5.8	5.9	6.0	5.8	5.3	5.7	5.8
Not in labor force.....	12,869	12,943	12,792	12,990	12,949	12,927	12,969	12,883	12,918
<b>Men, 20 years and over</b>									
Civilian labor force.....	9,836	10,197	10,063	9,783	10,053	10,114	10,131	10,185	10,025
Participation rate.....	67.6	68.7	67.8	67.2	68.0	68.3	68.4	68.6	67.5
Employed.....	9,335	9,650	9,547	9,269	9,465	9,576	9,620	9,611	9,494
Employment-population ratio.....	64.1	65.0	64.3	63.7	64.0	64.7	64.9	64.8	63.9
Unemployed.....	500	547	516	514	588	538	511	574	531
Unemployment rate.....	5.1	5.4	5.1	5.3	5.9	5.3	5.0	5.6	5.3
<b>Women, 20 years and over</b>									
Civilian labor force.....	10,770	10,861	11,148	10,696	10,886	10,922	10,872	10,873	11,055
Participation rate.....	62.6	62.5	64.1	62.2	62.9	63.0	62.7	62.6	63.6
Employed.....	10,140	10,394	10,517	10,080	10,300	10,353	10,359	10,389	10,464
Employment-population ratio.....	59.0	59.8	60.5	58.6	59.5	59.7	59.7	59.8	60.2
Unemployed.....	630	467	630	616	586	569	514	485	590
Unemployment rate.....	5.8	4.3	5.7	5.8	5.4	5.2	4.7	4.5	5.3
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	762	750	786	768	756	715	742	810	791
Participation rate.....	30.6	29.5	30.8	30.8	29.8	28.2	29.2	31.8	31.0
Employed.....	648	579	651	639	638	568	617	616	642
Employment-population ratio.....	26.0	22.7	25.5	25.7	25.1	22.3	24.3	24.2	25.2
Unemployed.....	114	172	135	128	118	148	125	194	148
Unemployment rate.....	15.0	22.9	17.2	16.7	15.6	20.7	16.9	24.0	18.8

See footnotes at end of table.

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Employment status, race, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
<b>ASIAN</b>									
Civilian noninstitutional population.....	17,129	17,633	17,593	17,129	17,491	17,600	17,515	17,633	17,593
Civilian labor force.....	11,100	11,611	11,443	11,106	11,435	11,556	11,486	11,580	11,480
Participation rate.....	64.8	65.8	65.0	64.8	65.4	65.7	65.6	65.7	65.3
Employed.....	10,776	11,288	11,094	10,781	11,073	11,288	11,131	11,250	11,129
Employment-population ratio.....	62.9	64.0	63.1	62.9	63.3	64.1	63.6	63.8	63.3
Unemployed.....	323	323	349	325	363	267	355	330	351
Unemployment rate.....	2.9	2.8	3.1	2.9	3.2	2.3	3.1	2.8	3.1
Not in labor force.....	6,029	6,023	6,150	6,023	6,056	6,044	6,029	6,053	6,112

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

NOTE: Estimates for the above race groups will not sum to totals shown in table A-1 because data are not presented for all races. Updated population controls are introduced annually with the release of January data.

**HOUSEHOLD DATA**

**Table A-3. Employment status of the Hispanic or Latino population by sex and age**

[Numbers in thousands]

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
<b>HISPANIC OR LATINO ETHNICITY</b>									
Civilian noninstitutional population.....	46,459	47,774	47,877	46,459	47,473	47,569	47,671	47,774	47,877
Civilian labor force.....	30,796	32,099	32,071	30,725	31,943	32,052	31,977	32,144	32,028
Participation rate.....	66.3	67.2	67.0	66.1	67.3	67.4	67.1	67.3	66.9
Employed.....	29,595	30,706	30,641	29,430	30,571	30,637	30,420	30,660	30,498
Employment-population ratio.....	63.7	64.3	64.0	63.3	64.4	64.4	63.8	64.2	63.7
Unemployed.....	1,202	1,393	1,429	1,295	1,372	1,416	1,557	1,484	1,529
Unemployment rate.....	3.9	4.3	4.5	4.2	4.3	4.4	4.9	4.6	4.8
Not in labor force.....	15,663	15,675	15,807	15,734	15,530	15,517	15,694	15,630	15,850
<b>Men, 20 years and over</b>									
Civilian labor force.....	16,674	17,246	17,124	16,653	17,224	17,290	17,164	17,262	17,120
Participation rate.....	79.2	79.5	78.7	79.1	79.8	80.0	79.2	79.5	78.7
Employed.....	16,068	16,586	16,464	16,000	16,576	16,599	16,433	16,523	16,407
Employment-population ratio.....	76.3	76.4	75.7	76.0	76.8	76.8	75.9	76.1	75.4
Unemployed.....	606	660	660	653	649	691	731	739	714
Unemployment rate.....	3.6	3.8	3.9	3.9	3.8	4.0	4.3	4.3	4.2
<b>Women, 20 years and over</b>									
Civilian labor force.....	12,717	13,395	13,285	12,655	13,182	13,271	13,343	13,379	13,239
Participation rate.....	60.2	61.9	61.2	59.9	61.3	61.6	61.8	61.8	61.0
Employed.....	12,294	12,826	12,794	12,185	12,638	12,745	12,752	12,805	12,700
Employment-population ratio.....	58.2	59.2	59.0	57.7	58.7	59.1	59.0	59.1	58.5
Unemployed.....	424	569	491	469	544	525	591	573	539
Unemployment rate.....	3.3	4.2	3.7	3.7	4.1	4.0	4.4	4.3	4.1
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force.....	1,405	1,457	1,661	1,417	1,537	1,492	1,470	1,503	1,668
Participation rate.....	32.7	33.0	37.5	33.0	35.0	33.9	33.4	34.0	37.7
Employed.....	1,233	1,293	1,382	1,245	1,357	1,292	1,236	1,331	1,391
Employment-population ratio.....	28.7	29.3	31.2	29.0	31.0	29.4	28.0	30.1	31.4
Unemployed.....	172	164	279	173	180	200	235	172	277
Unemployment rate.....	12.2	11.3	16.8	12.2	11.7	13.4	16.0	11.4	16.6

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

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Educational attainment	Not seasonally adjusted			Seasonally adjusted					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
<b>Less than a high school diploma</b>									
Civilian labor force.....	9,016	9,287	9,176	9,141	9,184	8,926	9,239	9,185	9,299
Participation rate.....	46.0	47.5	47.3	46.6	46.6	47.7	47.6	46.9	47.9
Employed.....	8,534	8,865	8,725	8,574	8,632	8,459	8,743	8,683	8,764
Employment-population ratio.....	43.5	45.3	45.0	43.7	43.8	45.2	45.0	44.4	45.2
Unemployed.....	481	422	451	567	552	467	496	501	535
Unemployment rate.....	5.3	4.5	4.9	6.2	6.0	5.2	5.4	5.5	5.8
<b>High school graduates, no college<sup>1</sup></b>									
Civilian labor force.....	35,243	36,416	35,758	35,070	36,038	35,980	36,243	36,205	35,624
Participation rate.....	56.2	57.2	57.1	55.9	57.0	56.5	56.5	56.8	56.9
Employed.....	33,915	34,993	34,377	33,692	34,638	34,763	34,851	34,722	34,197
Employment-population ratio.....	54.1	54.9	54.9	53.7	54.7	54.6	54.4	54.5	54.6
Unemployed.....	1,328	1,423	1,381	1,378	1,400	1,217	1,391	1,484	1,427
Unemployment rate.....	3.8	3.9	3.9	3.9	3.9	3.4	3.8	4.1	4.0
<b>Some college or associate degree</b>									
Civilian labor force.....	36,169	36,016	36,188	35,806	35,564	35,730	35,867	35,960	35,826
Participation rate.....	63.3	62.9	62.9	62.7	62.5	62.7	63.3	62.8	62.3
Employed.....	35,132	34,976	35,098	34,734	34,472	34,612	34,780	34,886	34,703
Employment-population ratio.....	61.5	61.1	61.0	60.8	60.5	60.7	61.4	60.9	60.3
Unemployed.....	1,037	1,041	1,090	1,071	1,092	1,118	1,087	1,074	1,123
Unemployment rate.....	2.9	2.9	3.0	3.0	3.1	3.1	3.0	3.0	3.1
<b>Bachelor's degree and higher<sup>2</sup></b>									
Civilian labor force.....	63,458	64,285	64,670	63,312	64,274	64,817	64,398	64,277	64,535
Participation rate.....	72.9	73.5	72.9	72.7	73.4	73.4	73.5	73.5	72.8
Employed.....	62,292	62,946	63,362	62,089	63,010	63,522	62,986	62,907	63,172
Employment-population ratio.....	71.6	71.9	71.5	71.3	72.0	71.9	71.9	71.9	71.3
Unemployed.....	1,166	1,340	1,308	1,223	1,264	1,295	1,412	1,370	1,363
Unemployment rate.....	1.8	2.1	2.0	1.9	2.0	2.0	2.2	2.1	2.1

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

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

NOTE: 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	
	Oct. 2022	Oct. 2023	Oct. 2022	Oct. 2023	Oct. 2022	Oct. 2023
<b>VETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	18,291	17,836	16,259	15,790	2,032	2,046
Civilian labor force.....	8,833	8,485	7,613	7,295	1,221	1,189
Participation rate.....	48.3	47.6	46.8	46.2	60.1	58.1
Employed.....	8,610	8,256	7,417	7,095	1,192	1,160
Employment-population ratio.....	47.1	46.3	45.6	44.9	58.7	56.7
Unemployed.....	224	229	195	200	28	29
Unemployment rate.....	2.5	2.7	2.6	2.7	2.3	2.4
Not in labor force.....	9,458	9,351	8,646	8,495	811	857
<b>  Gulf War-era II veterans</b>						
Civilian noninstitutional population.....	4,949	5,167	4,076	4,218	873	949
Civilian labor force.....	4,044	3,987	3,369	3,286	675	701
Participation rate.....	81.7	77.2	82.7	77.9	77.3	73.9
Employed.....	3,931	3,826	3,278	3,149	654	678
Employment-population ratio.....	79.4	74.1	80.4	74.7	74.9	71.4
Unemployed.....	113	161	92	137	21	24
Unemployment rate.....	2.8	4.0	2.7	4.2	3.1	3.4
Not in labor force.....	905	1,180	706	932	198	248
<b>  Gulf War-era I veterans</b>						
Civilian noninstitutional population.....	3,234	2,877	2,728	2,448	506	429
Civilian labor force.....	2,276	2,063	1,955	1,766	321	297
Participation rate.....	70.4	71.7	71.7	72.1	63.5	69.3
Employed.....	2,222	2,026	1,904	1,729	318	297
Employment-population ratio.....	68.7	70.4	69.8	70.6	62.9	69.3
Unemployed.....	54	37	51	37	3	0
Unemployment rate.....	2.4	1.8	2.6	2.1	0.9	0.0
Not in labor force.....	958	814	773	682	184	132
<b>  World War II, Korean War, and Vietnam-era veterans</b>						
Civilian noninstitutional population.....	6,154	5,895	5,909	5,645	245	250
Civilian labor force.....	886	804	837	781	49	23
Participation rate.....	14.4	13.6	14.2	13.8	20.2	9.2
Employed.....	867	795	817	773	49	22
Employment-population ratio.....	14.1	13.5	13.8	13.7	20.2	8.7
Unemployed.....	19	9	19	8	0	1
Unemployment rate.....	2.2	1.1	2.3	1.0	-	-
Not in labor force.....	5,268	5,091	5,072	4,864	196	227
<b>  Veterans of other service periods</b>						
Civilian noninstitutional population.....	3,954	3,897	3,546	3,479	408	418
Civilian labor force.....	1,627	1,630	1,452	1,463	175	168
Participation rate.....	41.1	41.8	40.9	42.0	42.9	40.2
Employed.....	1,589	1,608	1,418	1,444	171	164
Employment-population ratio.....	40.2	41.3	40.0	41.5	41.9	39.2
Unemployed.....	38	22	34	18	4	4
Unemployment rate.....	2.3	1.4	2.3	1.2	2.4	2.4
Not in labor force.....	2,327	2,267	2,094	2,016	233	250
<b>NONVETERANS, 18 years and over</b>						
Civilian noninstitutional population.....	236,800	240,471	107,887	110,232	128,913	130,239
Civilian labor force.....	153,525	156,796	78,943	80,195	74,582	76,601
Participation rate.....	64.8	65.2	73.2	72.8	57.9	58.8
Employed.....	148,341	151,258	76,371	77,235	71,970	74,024
Employment-population ratio.....	62.6	62.9	70.8	70.1	55.8	56.8
Unemployed.....	5,184	5,537	2,572	2,960	2,611	2,577
Unemployment rate.....	3.4	3.5	3.3	3.7	3.5	3.4
Not in labor force.....	83,275	83,675	28,943	30,037	54,332	53,638

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	
	Oct. 2022	Oct. 2023	Oct. 2022	Oct. 2023
<b>TOTAL, 16 years and over</b>				
Civilian noninstitutional population.....	32,819	33,623	231,716	234,019
Civilian labor force.....	7,797	8,197	156,956	159,577
Participation rate.....	23.8	24.4	67.7	68.2
Employed.....	7,224	7,590	151,920	154,086
Employment-population ratio.....	22.0	22.6	65.6	65.8
Unemployed.....	573	607	5,036	5,491
Unemployment rate.....	7.4	7.4	3.2	3.4
Not in labor force.....	25,022	25,425	74,760	74,442
<b>Men, 16 to 64 years</b>				
Civilian labor force.....	3,318	3,562	78,017	78,993
Participation rate.....	39.7	42.0	82.6	82.6
Employed.....	3,035	3,255	75,544	76,096
Employment-population ratio.....	36.3	38.4	80.0	79.6
Unemployed.....	283	306	2,473	2,897
Unemployment rate.....	8.5	8.6	3.2	3.7
Not in labor force.....	5,037	4,925	16,397	16,654
<b>Women, 16 to 64 years</b>				
Civilian labor force.....	3,092	3,265	68,970	70,621
Participation rate.....	37.6	38.7	71.7	73.4
Employed.....	2,848	3,035	66,604	68,245
Employment-population ratio.....	34.7	36.0	69.2	70.9
Unemployed.....	244	229	2,366	2,376
Unemployment rate.....	7.9	7.0	3.4	3.4
Not in labor force.....	5,122	5,164	27,276	25,654
<b>Both sexes, 65 years and over</b>				
Civilian labor force.....	1,387	1,371	9,968	9,963
Participation rate.....	8.5	8.2	24.3	23.7
Employed.....	1,341	1,299	9,772	9,746
Employment-population ratio.....	8.3	7.8	23.8	23.1
Unemployed.....	46	72	196	217
Unemployment rate.....	3.3	5.2	2.0	2.2
Not in labor force.....	14,864	15,337	31,087	32,135

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	
	Oct. 2022	Oct. 2023	Oct. 2022	Oct. 2023	Oct. 2022	Oct. 2023
<b>Foreign born, 16 years and over</b>						
Civilian noninstitutional population.....	45,908	46,936	22,506	22,873	23,402	24,063
Civilian labor force.....	30,459	31,237	17,657	17,628	12,802	13,610
Participation rate.....	66.3	66.6	78.5	77.1	54.7	56.6
Employed.....	29,451	30,056	17,110	16,953	12,340	13,103
Employment-population ratio.....	64.2	64.0	76.0	74.1	52.7	54.5
Unemployed.....	1,008	1,182	547	675	461	507
Unemployment rate.....	3.3	3.8	3.1	3.8	3.6	3.7
Not in labor force.....	15,450	15,698	4,849	5,245	10,600	10,453
<b>Native born, 16 years and over</b>						
Civilian noninstitutional population.....	218,627	220,706	106,391	107,943	112,236	112,763
Civilian labor force.....	134,294	136,537	70,028	71,102	64,267	65,435
Participation rate.....	61.4	61.9	65.8	65.9	57.3	58.0
Employed.....	129,693	131,621	67,688	68,431	62,005	63,190
Employment-population ratio.....	59.3	59.6	63.6	63.4	55.2	56.0
Unemployed.....	4,601	4,916	2,340	2,671	2,261	2,245
Unemployment rate.....	3.4	3.6	3.3	3.8	3.5	3.4
Not in labor force.....	84,333	84,169	36,363	36,841	47,970	47,328

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					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
<b>CLASS OF WORKER</b>									
Agriculture and related industries.....	2,300	2,288	2,283	2,206	2,311	2,261	2,296	2,303	2,207
Wage and salary workers <sup>1</sup> .....	1,577	1,551	1,519	1,495	1,591	1,519	1,559	1,571	1,463
Self-employed workers, unincorporated.....	701	699	719	692	674	688	695	693	707
Unpaid family workers.....	22	39	45	-	-	-	-	-	-
Nonagricultural industries.....	156,845	159,381	159,393	156,570	158,853	159,099	159,321	159,388	159,299
Wage and salary workers <sup>1</sup> .....	147,397	150,233	150,305	147,109	149,632	149,974	150,217	150,090	150,154
Government.....	21,258	21,480	21,741	21,211	21,552	21,161	21,199	21,601	21,655
Private industries.....	126,139	128,753	128,564	126,102	128,110	128,778	128,891	128,821	128,699
Private households.....	743	665	768	-	-	-	-	-	-
Other industries.....	125,397	128,089	127,796	125,460	127,470	128,166	128,282	128,209	128,076
Self-employed workers, unincorporated.....	9,394	9,114	9,054	9,261	8,917	8,814	8,809	9,033	8,943
Unpaid family workers.....	54	33	34	-	-	-	-	-	-
<b>PERSONS AT WORK PART TIME<sup>2</sup></b>									
<b>  All industries</b>									
Part time for economic reasons <sup>3</sup> .....	3,356	3,742	3,973	3,664	4,191	4,000	4,221	4,065	4,283
Slack work or business conditions.....	2,335	2,608	2,790	2,535	2,890	2,717	2,799	2,793	2,982
Could only find part-time work.....	817	940	964	867	948	1,014	1,021	938	1,002
Part time for noneconomic reasons <sup>4</sup> .....	21,901	22,309	22,008	21,297	21,267	21,971	21,975	22,152	21,539
<b>    Nonagricultural industries</b>									
Part time for economic reasons <sup>3</sup> .....	3,301	3,698	3,923	3,578	4,095	3,913	4,110	3,991	4,182
Slack work or business conditions.....	2,288	2,579	2,754	2,487	2,835	2,657	2,757	2,752	2,944
Could only find part-time work.....	813	930	958	862	943	1,012	1,021	929	995
Part time for noneconomic reasons <sup>4</sup> .....	21,555	21,883	21,649	20,950	20,913	21,539	21,522	21,723	21,175

<sup>1</sup> Includes self-employed workers whose businesses are incorporated.

<sup>2</sup> Refers to those who worked 1 to 34 hours during the survey reference week and excludes employed persons who were absent from their jobs for the entire week.

<sup>3</sup> Refers to those who worked 1 to 34 hours during the reference week for an economic reason such as slack work or unfavorable business conditions, inability to find full-time work, or seasonal declines in demand.

<sup>4</sup> Refers to persons who usually work part time for noneconomic reasons such as childcare problems, family or personal obligations, school or training, retirement or Social Security limits on earnings, and other reasons. This excludes persons who usually work full time but worked only 1 to 34 hours during the reference week for reasons such as vacations, holidays, illness, and bad weather.

- Data not available.

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

# HOUSEHOLD DATA

## Table A-9. Selected employment indicators

[Numbers in thousands]

Characteristic	Not seasonally adjusted			Seasonally adjusted					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
<b>AGE AND SEX</b>									
Total, 16 years and over.....	159,144	161,669	161,676	158,593	160,994	161,262	161,484	161,570	161,222
16 to 19 years.....	5,422	5,321	5,514	5,598	5,559	5,462	5,586	5,570	5,685
16 to 17 years.....	2,193	2,134	2,162	2,200	2,177	2,083	2,098	2,119	2,161
18 to 19 years.....	3,229	3,186	3,352	3,387	3,372	3,353	3,461	3,427	3,517
20 years and over.....	153,722	156,349	156,162	152,994	155,435	155,799	155,898	156,000	155,537
20 to 24 years.....	13,849	14,569	14,600	13,780	14,741	14,559	14,606	14,676	14,550
25 years and over.....	139,873	141,780	141,562	139,160	140,612	141,160	141,194	141,293	140,911
25 to 54 years.....	102,028	103,831	103,741	101,509	103,384	103,539	103,531	103,537	103,299
25 to 34 years.....	35,527	36,008	35,939	35,296	35,755	36,168	35,974	35,940	35,778
35 to 44 years.....	34,760	35,625	35,625	34,611	35,391	35,379	35,478	35,518	35,491
45 to 54 years.....	31,742	32,199	32,177	31,601	32,238	31,992	32,080	32,079	32,030
55 years and over.....	37,844	37,949	37,821	37,651	37,228	37,620	37,663	37,756	37,612
Men, 16 years and over.....	84,799	85,745	85,384	84,559	85,547	85,492	85,493	85,633	85,217
16 to 19 years.....	2,705	2,688	2,721	2,783	2,679	2,570	2,716	2,797	2,794
16 to 17 years.....	1,010	1,064	1,054	1,034	972	943	1,009	1,060	1,069
18 to 19 years.....	1,695	1,624	1,667	1,752	1,695	1,606	1,668	1,720	1,725
20 years and over.....	82,093	83,057	82,663	81,776	82,868	82,922	82,777	82,837	82,423
20 to 24 years.....	7,150	7,248	7,238	7,144	7,541	7,435	7,369	7,310	7,252
25 years and over.....	74,943	75,809	75,426	74,548	75,233	75,462	75,297	75,466	75,100
25 to 54 years.....	54,379	55,489	55,191	54,106	55,263	55,358	55,300	55,291	54,997
25 to 34 years.....	18,845	19,175	19,037	18,701	19,130	19,338	19,215	19,114	18,956
35 to 44 years.....	18,721	19,188	19,099	18,649	19,143	19,103	19,053	19,120	19,045
45 to 54 years.....	16,813	17,126	17,055	16,756	16,990	16,917	17,032	17,057	16,997
55 years and over.....	20,564	20,319	20,235	20,442	19,971	20,104	19,997	20,175	20,103
Women, 16 years and over.....	74,345	75,924	76,292	74,033	75,448	75,769	75,991	75,936	76,005
16 to 19 years.....	2,717	2,633	2,793	2,815	2,880	2,892	2,870	2,773	2,890
16 to 17 years.....	1,183	1,071	1,108	1,167	1,205	1,140	1,089	1,059	1,092
18 to 19 years.....	1,534	1,562	1,685	1,635	1,677	1,746	1,793	1,708	1,792
20 years and over.....	71,628	73,292	73,499	71,218	72,567	72,877	73,121	73,163	73,115
20 to 24 years.....	6,699	7,321	7,363	6,636	7,201	7,125	7,237	7,366	7,298
25 years and over.....	64,929	65,971	66,136	64,612	65,378	65,697	65,897	65,827	65,811
25 to 54 years.....	47,649	48,342	48,550	47,403	48,121	48,181	48,232	48,245	48,302
25 to 34 years.....	16,682	16,832	16,902	16,596	16,625	16,830	16,759	16,826	16,822
35 to 44 years.....	16,039	16,437	16,526	15,963	16,248	16,276	16,425	16,398	16,447
45 to 54 years.....	14,928	15,073	15,122	14,845	15,248	15,075	15,048	15,022	15,033
55 years and over.....	17,280	17,629	17,586	17,209	17,258	17,516	17,665	17,582	17,509
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	45,631	46,588	45,960	45,624	45,844	45,886	45,911	46,357	45,990
Married women, spouse present <sup>1</sup> .....	36,309	37,300	37,130	36,179	36,847	37,413	37,430	37,279	37,077
Women who maintain families <sup>2</sup> .....	9,629	9,882	9,963	-	-	-	-	-	-
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	132,544	134,560	134,824	132,179	134,859	134,274	134,189	134,167	134,493
Part-time workers <sup>4</sup> .....	26,600	27,109	26,853	26,413	26,181	27,153	27,185	27,336	26,666
<b>MULTIPLE JOBHOLDERS</b>									
Total multiple jobholders.....	7,676	8,146	8,542	7,519	7,995	8,113	8,028	8,151	8,356
Percent of total employed.....	4.8	5.0	5.3	4.7	5.0	5.0	5.0	5.0	5.2
<b>SELF-EMPLOYMENT</b>									
Self-employed workers, incorporated.....	6,851	6,684	6,626	-	-	-	-	-	-
Self-employed workers, unincorporated.....	10,095	9,813	9,773	9,953	9,591	9,502	9,504	9,726	9,650

<sup>1</sup> 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.

<sup>2</sup> 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.

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

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

- Data not available.

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

# HOUSEHOLD DATA

## Table A-10. Selected unemployment indicators, seasonally adjusted

Characteristic	Number of unemployed persons (in thousands)			Unemployment rates					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
<b>AGE AND SEX</b>									
Total, 16 years and over.....	6,053	6,360	6,506	3.7	3.6	3.5	3.8	3.8	3.9
16 to 19 years.....	690	733	863	11.0	11.0	11.3	12.2	11.6	13.2
16 to 17 years.....	238	307	370	9.8	11.2	11.2	11.8	12.7	14.6
18 to 19 years.....	457	429	505	11.9	10.5	11.4	12.7	11.1	12.6
20 years and over.....	5,363	5,627	5,643	3.4	3.3	3.2	3.5	3.5	3.5
20 to 24 years.....	1,021	1,115	1,103	6.9	6.1	6.7	7.2	7.1	7.0
25 years and over.....	4,295	4,453	4,508	3.0	3.0	2.8	3.0	3.1	3.1
25 to 54 years.....	3,376	3,438	3,457	3.2	3.1	3.0	3.1	3.2	3.2
25 to 34 years.....	1,456	1,505	1,589	4.0	3.9	3.6	3.9	4.0	4.3
35 to 44 years.....	1,020	1,012	1,077	2.9	2.9	3.0	3.0	2.8	2.9
45 to 54 years.....	899	921	791	2.8	2.4	2.3	2.5	2.8	2.4
55 years and over.....	938	1,029	1,059	2.4	2.6	2.3	2.7	2.7	2.7
Men, 16 years and over.....	3,212	3,697	3,654	3.7	3.7	3.6	4.0	4.1	4.1
16 to 19 years.....	383	404	480	12.1	12.5	13.0	13.7	12.6	14.7
16 to 17 years.....	137	190	206	11.7	14.1	13.2	12.0	15.2	16.2
18 to 19 years.....	254	222	289	12.6	10.5	12.9	15.3	11.4	14.3
20 years and over.....	2,829	3,293	3,174	3.3	3.4	3.3	3.7	3.8	3.7
20 to 24 years.....	551	673	621	7.2	6.7	7.2	8.4	8.4	7.9
25 years and over.....	2,248	2,583	2,533	2.9	3.0	2.9	3.1	3.3	3.3
25 to 54 years.....	1,758	2,064	1,973	3.1	3.0	3.1	3.2	3.6	3.5
25 to 34 years.....	768	925	938	3.9	4.0	3.8	3.9	4.6	4.7
35 to 44 years.....	499	587	584	2.6	2.5	2.8	3.0	3.0	3.0
45 to 54 years.....	490	552	450	2.8	2.5	2.6	2.7	3.1	2.6
55 years and over.....	490	518	560	2.3	3.0	2.2	2.8	2.5	2.7
Women, 16 years and over.....	2,841	2,662	2,852	3.7	3.4	3.4	3.5	3.4	3.6
16 to 19 years.....	307	329	383	9.8	9.7	9.7	10.8	10.6	11.7
16 to 17 years.....	101	117	164	8.0	8.7	9.4	11.6	9.9	13.1
18 to 19 years.....	203	207	217	11.1	10.4	10.0	10.2	10.8	10.8
20 years and over.....	2,534	2,334	2,469	3.4	3.1	3.1	3.2	3.1	3.3
20 to 24 years.....	471	441	482	6.6	5.3	6.2	5.8	5.7	6.2
25 years and over.....	2,047	1,870	1,975	3.1	3.0	2.7	2.9	2.8	2.9
25 to 54 years.....	1,618	1,374	1,484	3.3	3.2	2.8	3.0	2.8	3.0
25 to 34 years.....	688	579	651	4.0	3.9	3.3	3.8	3.3	3.7
35 to 44 years.....	521	426	493	3.2	3.5	3.2	2.9	2.5	2.9
45 to 54 years.....	409	369	341	2.7	2.3	1.9	2.2	2.4	2.2
55 years and over.....	446	492	502	2.5	2.1	2.3	2.5	2.7	2.8
<b>MARITAL STATUS</b>									
Married men, spouse present <sup>1</sup> .....	891	989	942	1.9	1.8	1.7	2.0	2.1	2.0
Married women, spouse present <sup>1</sup> .....	801	821	798	2.2	2.2	2.0	2.1	2.2	2.1
Women who maintain families <sup>2</sup> .....	577	415	485	5.7	4.8	4.5	4.9	4.0	4.6
<b>FULL- OR PART-TIME STATUS</b>									
Full-time workers <sup>3</sup> .....	5,012	5,099	5,236	3.7	3.5	3.4	3.7	3.7	3.7
Part-time workers <sup>4</sup> .....	1,073	1,239	1,286	3.9	4.0	4.1	4.4	4.3	4.6

<sup>1</sup> 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.

<sup>2</sup> 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.

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

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

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

**HOUSEHOLD DATA**

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

[Numbers in thousands]

Reason	Not seasonally adjusted			Seasonally adjusted					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
<b>NUMBER OF UNEMPLOYED</b>									
Job losers and persons who completed temporary jobs.....	2,335	2,522	2,744	2,695	2,900	2,620	2,914	2,858	3,059
On temporary layoff.....	526	478	572	853	842	667	789	781	873
Not on temporary layoff.....	1,809	2,044	2,172	1,842	2,058	1,953	2,125	2,077	2,186
Permanent job losers.....	1,260	1,409	1,617	1,267	1,493	1,372	1,538	1,441	1,605
Persons who completed temporary jobs....	549	634	555	575	565	581	587	636	581
Job leavers.....	887	859	823	861	794	852	801	797	800
Reentrants.....	1,887	2,114	1,895	1,873	1,745	1,853	1,930	2,043	1,884
New entrants.....	501	553	636	494	558	503	597	568	612
<b>PERCENT DISTRIBUTION</b>									
Job losers and persons who completed temporary jobs.....	41.6	41.7	45.0	45.5	48.4	44.9	46.7	45.6	48.1
On temporary layoff.....	9.4	7.9	9.4	14.4	14.0	11.4	12.6	12.5	13.7
Not on temporary layoff.....	32.2	33.8	35.6	31.1	34.3	33.5	34.0	33.2	34.4
Job leavers.....	15.8	14.2	13.5	14.5	13.2	14.6	12.8	12.7	12.6
Reentrants.....	33.6	34.9	31.1	31.6	29.1	31.8	30.9	32.6	29.6
New entrants.....	8.9	9.1	10.4	8.3	9.3	8.6	9.6	9.1	9.6
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers and persons who completed temporary jobs.....	1.4	1.5	1.6	1.6	1.7	1.6	1.7	1.7	1.8
Job leavers.....	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Reentrants.....	1.1	1.3	1.1	1.1	1.0	1.1	1.2	1.2	1.1
New entrants.....	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3	0.4

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					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
<b>NUMBER OF UNEMPLOYED</b>									
Less than 5 weeks.....	2,023	2,023	2,104	2,215	2,068	2,004	2,221	2,051	2,268
5 to 14 weeks.....	1,696	1,865	1,726	1,774	1,889	1,698	1,877	2,044	1,836
15 weeks and over.....	1,889	2,161	2,268	1,987	2,021	2,161	2,298	2,288	2,363
15 to 26 weeks.....	714	928	975	817	917	997	1,002	1,072	1,081
27 weeks and over.....	1,175	1,233	1,292	1,169	1,105	1,164	1,296	1,216	1,282
Average (mean) duration, in weeks.....	21.5	21.9	22.2	20.8	20.7	20.6	20.4	21.5	21.6
Median duration, in weeks.....	8.6	9.7	9.1	8.4	8.7	8.7	8.7	9.2	8.9
<b>PERCENT DISTRIBUTION</b>									
Less than 5 weeks.....	36.1	33.4	34.5	37.1	34.6	34.2	34.7	32.1	35.1
5 to 14 weeks.....	30.2	30.8	28.3	29.7	31.6	29.0	29.3	32.0	28.4
15 weeks and over.....	33.7	35.7	37.2	33.2	33.8	36.9	35.9	35.8	36.5
15 to 26 weeks.....	12.7	15.3	16.0	13.7	15.3	17.0	15.7	16.8	16.7
27 weeks and over.....	21.0	20.4	21.2	19.6	18.5	19.9	20.3	19.1	19.8

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	
	Oct. 2022	Oct. 2023	Oct. 2022	Oct. 2023	Oct. 2022	Oct. 2023
Total, 16 years and over <sup>1</sup> .....	159,144	161,676	5,609	6,098	3.4	3.6
Management, professional, and related occupations.....	68,918	71,387	1,398	1,415	2.0	1.9
Management, business, and financial operations occupations.....	29,433	30,812	639	550	2.1	1.8
Professional and related occupations.....	39,485	40,575	759	865	1.9	2.1
Service occupations.....	25,749	26,349	1,134	1,224	4.2	4.4
Sales and office occupations.....	29,886	29,893	1,060	1,152	3.4	3.7
Sales and related occupations.....	14,242	14,228	497	577	3.4	3.9
Office and administrative support occupations.....	15,644	15,665	563	575	3.5	3.5
Natural resources, construction, and maintenance occupations.....	14,463	14,308	606	678	4.0	4.5
Farming, fishing, and forestry occupations.....	938	975	77	123	7.6	11.2
Construction and extraction occupations.....	8,658	8,361	413	458	4.6	5.2
Installation, maintenance, and repair occupations.....	4,867	4,972	116	97	2.3	1.9
Production, transportation, and material moving occupations.....	20,128	19,739	886	971	4.2	4.7
Production occupations.....	8,184	8,072	295	313	3.5	3.7
Transportation and material moving occupations.....	11,944	11,668	591	657	4.7	5.3

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

NOTE: Updated population controls are introduced annually with the release of January data. 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	
	Oct. 2022	Oct. 2023	Oct. 2022	Oct. 2023
Total, 16 years and over <sup>1</sup> .....	5,609	6,098	3.4	3.6
Nonagricultural private wage and salary workers.....	4,381	4,636	3.4	3.5
Mining, quarrying, and oil and gas extraction.....	4	39	0.8	6.1
Construction.....	419	414	4.1	4.0
Manufacturing.....	463	478	3.1	3.1
Durable goods.....	319	318	3.3	3.3
Nondurable goods.....	144	160	2.7	2.8
Wholesale and retail trade.....	699	789	3.6	4.0
Transportation and utilities.....	273	361	3.3	4.5
Information.....	94	106	3.3	3.7
Financial activities.....	195	222	1.9	2.2
Professional and business services.....	645	611	3.5	3.2
Education and health services.....	677	593	2.7	2.3
Leisure and hospitality.....	738	757	5.5	5.5
Other services.....	174	264	2.5	3.8
Agriculture and related private wage and salary workers.....	81	106	5.1	6.7
Government workers.....	321	354	1.5	1.6
Self-employed workers, unincorporated, and unpaid family workers.....	325	367	3.1	3.6

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

NOTE: Updated population controls are introduced annually with the release of January data. 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					
	Oct. 2022	Sept. 2023	Oct. 2023	Oct. 2022	June 2023	July 2023	Aug. 2023	Sept. 2023	Oct. 2023
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force.....	1.1	1.3	1.4	1.2	1.2	1.3	1.4	1.4	1.4
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.....	1.4	1.5	1.6	1.6	1.7	1.6	1.7	1.7	1.8
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate).....	3.4	3.6	3.6	3.7	3.6	3.5	3.8	3.8	3.9
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers.....	3.6	3.8	3.9	3.9	3.7	3.7	4.0	4.0	4.1
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.....	4.3	4.5	4.4	4.5	4.4	4.3	4.6	4.6	4.7
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.....	6.3	6.7	6.8	6.7	6.9	6.7	7.1	7.0	7.2

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	
	Oct. 2022	Oct. 2023	Oct. 2022	Oct. 2023	Oct. 2022	Oct. 2023
<b>NOT IN THE LABOR FORCE</b>						
Total not in the labor force.....	99,782	99,868	41,212	42,087	58,570	57,781
Persons who currently want a job.....	5,341	5,037	2,618	2,449	2,723	2,588
Marginally attached to the labor force <sup>1</sup> .....	1,469	1,391	786	724	683	667
Discouraged workers <sup>2</sup> .....	373	428	261	238	112	190
Other persons marginally attached to the labor force <sup>3</sup> ..	1,096	963	525	486	571	477
<b>MULTIPLE JOBHOLDERS</b>						
Total multiple jobholders <sup>4</sup> .....	7,676	8,542	3,846	4,043	3,830	4,499
Percent of total employed.....	4.8	5.3	4.5	4.7	5.2	5.9
Primary job full time, secondary job part time.....	4,449	4,978	2,449	2,510	1,999	2,468
Primary and secondary jobs both part time.....	1,733	1,978	612	699	1,122	1,280
Primary and secondary jobs both full time.....	347	394	194	203	154	191
Hours vary on primary or secondary job.....	1,095	1,137	565	614	530	523

<sup>1</sup> Data refer to persons who want a job, have searched for work during the prior 12 months, and were available to take a job during the reference week, but had not looked for work in the past 4 weeks.

<sup>2</sup> Includes those who did not actively look for work in the prior 4 weeks for reasons such as thinks no work available, could not find work, lacks schooling or training, employer thinks too young or old, and other types of discrimination.

<sup>3</sup> Includes those who did not actively look for work in the prior 4 weeks for such reasons as school or family responsibilities, ill health, and transportation problems, as well as a number for whom reason for nonparticipation was not determined.

<sup>4</sup> Includes a small number of persons who work part time on their primary job and full time on their secondary job(s), not shown separately.

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

**ESTABLISHMENT DATA**

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

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Sept.2023 - Oct.2023 <sup>P</sup>
	Oct. 2022	Aug. 2023	Sept. 2023 <sup>P</sup>	Oct. 2023 <sup>P</sup>	Oct. 2022	Aug. 2023	Sept. 2023 <sup>P</sup>	Oct. 2023 <sup>P</sup>	
Total nonfarm.....	155,041	156,392	156,918	157,984	154,006	156,476	156,773	156,923	150
Total private.....	132,422	134,415	134,002	134,741	131,744	133,686	133,932	134,031	99
Goods-producing.....	21,553	21,901	21,810	21,805	21,384	21,622	21,650	21,639	-11
Mining and logging.....	622	652	650	651	616	644	645	646	1
Logging.....	45.6	48.1	48.2	48.1	45.1	46.7	47.5	47.4	-0.1
Mining, quarrying, and oil and gas extraction..	576.7	604.0	601.5	602.6	571.1	597.6	597.9	598.4	0.5
Oil and gas extraction.....	116.9	119.8	119.2	119.5	116.6	118.7	118.8	119.1	0.3
Mining (except oil and gas).....	186.8	190.5	189.3	187.6	184.8	186.9	186.8	185.8	-1.0
Coal mining.....	41.0	41.6	41.3	40.9	40.9	41.5	41.3	40.8	-0.5
Metal ore mining.....	43.1	44.2	44.2	43.6	43.2	43.9	44.2	43.7	-0.5
Nonmetallic mineral mining and quarrying.....	102.7	104.7	103.8	103.1	100.7	101.5	101.3	101.3	0.0
Support activities for mining.....	273.0	293.7	293.0	295.5	269.7	292.0	292.3	293.5	1.2
Construction.....	7,976	8,207	8,164	8,193	7,814	7,997	8,010	8,033	23
Construction of buildings.....	1,788.8	1,835.6	1,825.3	1,839.3	1,763.8	1,802.6	1,809.5	1,815.8	6.3
Residential building construction.....	942.1	941.1	936.6	949.0	929.5	925.9	931.8	935.5	3.7
Nonresidential building construction.....	846.7	894.5	888.7	890.3	834.3	876.7	877.7	880.3	2.6
Heavy and civil engineering construction.....	1,125.4	1,179.7	1,181.1	1,180.7	1,073.8	1,126.6	1,129.4	1,131.0	1.6
Specialty trade contractors.....	5,062.0	5,191.8	5,157.4	5,173.0	4,976.0	5,067.6	5,071.5	5,085.7	14.2
Residential specialty trade contractors.....	2,353.3	2,405.9	2,393.9	2,407.7	2,323.2	2,356.0	2,362.8	2,372.8	10.0
Nonresidential specialty trade contractors...	2,708.7	2,785.9	2,763.5	2,765.3	2,652.8	2,711.6	2,708.7	2,712.9	4.2
Manufacturing.....	12,955	13,042	12,996	12,961	12,954	12,981	12,995	12,960	-35
Durable goods.....	8,053	8,168	8,139	8,104	8,059	8,137	8,147	8,111	-36
Wood product manufacturing.....	428.6	424.6	421.4	421.8	428.8	422.7	422.3	422.1	-0.2
Nonmetallic mineral product manufacturing.....	431.0	437.8	437.3	437.6	426.2	432.4	433.8	433.8	0.0
Primary metal manufacturing.....	366.0	372.0	369.3	368.2	368.0	371.5	370.6	369.7	-0.9
Fabricated metal product manufacturing...	1,444.7	1,455.7	1,453.6	1,456.4	1,446.7	1,454.1	1,456.3	1,457.1	0.8
Machinery manufacturing.....	1,107.9	1,138.2	1,130.5	1,128.1	1,113.3	1,134.7	1,135.7	1,134.0	-1.7
Computer and electronic product manufacturing.....	1,096.6	1,107.5	1,096.7	1,096.0	1,097.5	1,101.6	1,099.0	1,097.3	-1.7
Computer and peripheral equipment manufacturing.....	166.7	168.3	166.9	166.3	166.3	167.5	166.9	166.1	-0.8
Communications equipment manufacturing.....	84.9	85.4	85.6	86.6	85.3	85.5	86.0	86.6	0.6
Semiconductor and other electronic component manufacturing.....	391.3	388.3	382.8	382.6	392.4	386.0	384.4	383.5	-0.9
Navigational, measuring, electromedical, and control instruments manufacturing.....	421.5	431.8	428.1	427.8	421.6	429.5	428.5	428.3	-0.2
Manufacturing and reproducing magnetic and optical media and audio and video equipment manufacturing.....	32.2	33.7	33.3	32.7	31.9	33.1	33.2	32.8	-0.4
Electrical equipment, appliance, and component manufacturing.....	404.5	407.4	406.0	405.7	406.0	406.6	406.5	406.9	0.4
Transportation equipment manufacturing <sup>1</sup> ...	1,762.5	1,831.4	1,840.1	1,807.8	1,758.9	1,824.2	1,835.1	1,805.2	-29.9
Motor vehicles and parts <sup>2</sup> .....	1,037.8	1,074.0	1,083.2	1,047.5	1,032.9	1,069.5	1,078.4	1,045.2	-33.2
Furniture and related product manufacturing.....	378.0	360.6	355.0	354.4	380.8	359.4	357.5	356.0	-1.5
Miscellaneous manufacturing.....	633.3	632.7	629.0	628.4	632.8	629.3	630.1	628.4	-1.7
Nondurable goods.....	4,902	4,874	4,857	4,857	4,895	4,844	4,848	4,849	1
Food manufacturing.....	1,716.7	1,731.6	1,726.7	1,733.2	1,707.6	1,718.0	1,721.2	1,727.4	6.2
Textile mills.....	97.3	93.6	93.0	93.1	97.2	93.2	92.9	93.0	0.1
Textile product mills.....	102.3	98.9	98.4	97.0	102.4	99.2	98.7	97.5	-1.2
Apparel manufacturing.....	93.5	91.7	91.1	90.6	93.3	91.6	91.3	90.8	-0.5
Paper manufacturing.....	361.3	346.2	347.3	348.1	362.7	347.4	348.1	348.7	0.6
Printing and related support activities.....	382.4	375.5	370.5	373.5	380.9	374.8	371.7	372.8	1.1
Petroleum and coal products manufacturing.....	106.9	108.2	106.4	106.5	105.0	105.8	105.2	104.8	-0.4
Chemical manufacturing.....	913.8	917.1	913.2	910.6	916.9	915.0	916.6	914.0	-2.6
Plastics and rubber products manufacturing.....	762.1	741.0	742.2	738.3	768.8	739.5	743.2	740.1	-3.1

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: Sept. 2023 - Oct. 2023 <sup>P</sup>
	Oct. 2022	Aug. 2023	Sept. 2023 <sup>P</sup>	Oct. 2023 <sup>P</sup>	Oct. 2022	Aug. 2023	Sept. 2023 <sup>P</sup>	Oct. 2023 <sup>P</sup>	
Nondurable goods - Continued									
Beverage, tobacco, and leather and allied product manufacturing.....	365.8	370.3	367.9	366.2	360.0	359.8	359.0	360.2	1.2
Private service-providing.....	110,869	112,514	112,192	112,936	110,360	112,064	112,282	112,392	110
Trade, transportation, and utilities.....	28,843	28,714	28,721	28,958	28,815	28,842	28,885	28,884	-1
Wholesale trade.....	6,024.1	6,082.0	6,076.2	6,099.4	6,019.6	6,065.3	6,081.3	6,090.7	9.4
Merchant wholesalers, durable goods.....	3,317.5	3,359.6	3,362.7	3,369.9	3,321.8	3,352.2	3,367.6	3,371.2	3.6
Merchant wholesalers, nondurable goods....	2,180.3	2,189.6	2,184.6	2,195.1	2,173.1	2,182.2	2,184.7	2,187.6	2.9
Wholesale trade agents and brokers.....	526.3	532.8	528.9	534.4	524.7	530.9	529.0	531.9	2.9
Retail trade.....	15,502.5	15,503.8	15,415.1	15,562.9	15,496.7	15,532.1	15,545.4	15,546.1	0.7
Motor vehicle and parts dealers.....	2,016.9	2,056.6	2,058.5	2,063.6	2,015.2	2,045.8	2,054.1	2,060.0	5.9
Automobile dealers.....	1,253.5	1,265.5	1,267.6	1,273.3	1,255.0	1,262.0	1,267.2	1,273.1	5.9
Other motor vehicle dealers.....	178.4	183.7	177.3	174.2	177.8	176.6	175.6	173.7	-1.9
Automotive parts, accessories, and tire retailers.....	585.0	607.4	613.6	616.1	582.4	607.2	611.3	613.1	1.8
Building material and garden equipment and supplies dealers.....	1,393.0	1,380.4	1,356.3	1,348.4	1,420.4	1,373.3	1,372.2	1,369.1	-3.1
Food and beverage retailers.....	3,212.2	3,257.0	3,229.5	3,249.3	3,210.4	3,248.2	3,249.2	3,252.6	3.4
Furniture, home furnishings, electronics, and appliance retailers.....	893.2	835.3	837.6	847.3	896.7	847.5	845.0	841.6	-3.4
Furniture and home furnishings retailers...	451.8	428.3	428.9	439.5	452.7	435.2	436.4	438.3	1.9
Electronics and appliance retailers.....	441.4	407.0	408.7	407.8	431.1	411.1	408.4	403.1	-5.3
General merchandise retailers.....	3,117.6	3,125.3	3,124.7	3,193.5	3,105.9	3,176.7	3,179.4	3,180.1	0.7
Department stores.....	949.1	929.1	927.7	958.6	945.4	954.2	955.1	953.5	-1.6
Warehouse clubs, supercenters, and other general merchandise retailers....	2,168.5	2,196.2	2,197.0	2,234.9	2,160.5	2,222.5	2,224.4	2,226.6	2.2
Health and personal care retailers.....	1,114.0	1,086.4	1,090.6	1,106.4	1,108.8	1,099.4	1,101.2	1,100.9	-0.3
Gasoline stations and fuel dealers.....	1,052.6	1,087.2	1,082.8	1,078.7	1,049.2	1,072.8	1,078.5	1,076.3	-2.2
Clothing, clothing accessories, shoe, and jewelry retailers.....	1,155.2	1,139.1	1,112.4	1,142.0	1,153.2	1,138.6	1,135.7	1,138.4	2.7
Sporting goods, hobby, musical instrument, book, and miscellaneous retailers.....	1,547.8	1,536.5	1,522.7	1,533.7	1,536.9	1,529.8	1,530.1	1,527.1	-3.0
Transportation and warehousing.....	6,759.9	6,568.6	6,671.0	6,734.6	6,741.7	6,685.8	6,698.3	6,686.2	-12.1
Air transportation.....	517.3	550.1	552.7	556.2	516.8	547.1	551.6	555.1	3.5
Rail transportation.....	147.8	150.5	150.3	150.3	147.6	150.2	150.2	150.2	0.0
Water transportation.....	65.9	71.5	70.7	71.1	66.2	69.0	69.1	70.3	1.2
Truck transportation.....	1,619.7	1,588.8	1,589.6	1,589.7	1,605.4	1,570.2	1,583.6	1,578.6	-5.0
Transit and ground passenger transportation.....	439.4	380.9	450.7	453.0	417.0	438.5	434.9	434.2	-0.7
Pipeline transportation.....	48.0	48.2	48.3	47.9	48.1	48.0	48.5	48.0	-0.5
Scenic and sightseeing transportation.....	35.6	43.9	41.6	37.7	34.0	36.5	36.4	36.0	-0.4
Support activities for transportation.....	806.8	816.5	817.6	818.8	801.3	815.3	816.4	815.0	-1.4
Couriers and messengers.....	1,102.9	1,060.4	1,079.9	1,107.9	1,156.1	1,123.6	1,125.2	1,127.8	2.6
Warehousing and storage.....	1,976.5	1,857.8	1,869.6	1,902.0	1,949.2	1,887.4	1,882.4	1,871.0	-11.4
Utilities.....	556.5	559.9	558.6	561.1	556.9	558.4	559.9	560.7	0.8
Information.....	3,124	3,057	3,037	3,037	3,116	3,040	3,036	3,027	-9
Motion picture and sound recording industries.....	473.3	451.7	431.4	436.0	463.5	437.4	433.6	428.2	-5.4
Publishing industries.....	947.3	929.2	935.8	924.4	950.3	926.1	929.8	925.3	-4.5
Broadcasting and content providers.....	358.2	346.9	346.4	348.0	357.0	347.5	347.4	347.7	0.3
Telecommunications.....	663.2	638.9	638.2	641.1	663.9	639.9	639.1	640.5	1.4
Computing infrastructure providers, data processing, web hosting, and related services.....	481.2	498.7	495.8	495.6	480.4	499.2	495.6	494.6	-1.0
Web search portals, libraries, archives, and other information services.....	200.5	191.1	189.8	191.6	200.5	189.9	190.3	190.2	-0.1
Financial activities.....	9,111	9,208	9,154	9,178	9,086	9,153	9,155	9,153	-2
Finance and insurance.....	6,705.3	6,741.9	6,702.5	6,716.3	6,700.0	6,720.1	6,716.6	6,708.8	-7.8
Monetary authorities-central bank.....	21.6	22.1	22.0	21.9	21.6	22.0	22.0	21.9	-0.1

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Sept. 2023 - Oct. 2023 <sup>P</sup>
	Oct. 2022	Aug. 2023	Sept. 2023 <sup>P</sup>	Oct. 2023 <sup>P</sup>	Oct. 2022	Aug. 2023	Sept. 2023 <sup>P</sup>	Oct. 2023 <sup>P</sup>	
Finance and insurance - Continued									
Credit intermediation and related activities.....	2,690.5	2,667.3	2,643.9	2,637.3	2,694.4	2,657.7	2,649.8	2,639.8	-10.0
Depository credit intermediation <sup>1</sup> .....	1,772.9	1,787.8	1,772.2	1,768.2	1,777.8	1,781.7	1,778.7	1,773.3	-5.4
Commercial banking.....	1,369.6	1,375.0	1,361.4	1,355.9	1,374.3	1,369.8	1,366.8	1,361.0	-5.8
Nondepository credit intermediation.....	592.2	566.5	561.0	559.9	590.4	564.1	560.6	557.6	-3.0
Activities related to credit intermediation...	325.4	313.0	310.7	309.2	326.2	311.8	310.5	308.9	-1.6
Securities, commodity contracts, funds, trusts, and other financial vehicles, investments, and related activities.....	1,066.7	1,098.9	1,084.6	1,092.8	1,063.3	1,088.2	1,088.6	1,089.8	1.2
Insurance carriers and related activities.....	2,926.5	2,953.6	2,952.0	2,964.3	2,920.7	2,952.2	2,956.2	2,957.3	1.1
Real estate and rental and leasing.....	2,405.6	2,466.5	2,451.3	2,462.1	2,385.8	2,432.5	2,438.7	2,443.8	5.1
Real estate.....	1,852.6	1,865.6	1,855.7	1,872.5	1,835.5	1,850.7	1,853.3	1,856.6	3.3
Rental and leasing services.....	530.3	578.1	573.0	566.8	527.7	559.3	562.7	564.5	1.8
Lessors of nonfinancial intangible assets (except copyrighted works).....	22.7	22.8	22.6	22.8	22.6	22.5	22.7	22.7	0.0
Professional and business services.....	23,044	23,086	23,060	23,287	22,791	22,995	23,012	23,027	15
Professional, scientific, and technical services.....	10,683.4	10,925.0	10,853.7	10,972.2	10,664.8	10,916.7	10,935.6	10,952.6	17.0
Legal services.....	1,184.9	1,177.3	1,175.6	1,188.2	1,179.0	1,178.3	1,181.9	1,181.9	0.0
Accounting, tax preparation, bookkeeping, and payroll services.....	1,095.0	1,114.4	1,105.4	1,119.6	1,134.6	1,158.8	1,158.4	1,158.7	0.3
Architectural, engineering, and related services.....	1,645.3	1,707.1	1,688.3	1,697.4	1,633.5	1,685.2	1,684.6	1,687.2	2.6
Specialized design services.....	155.1	161.2	158.8	160.9	153.7	160.5	159.7	160.2	0.5
Computer systems design and related services.....	2,496.1	2,528.8	2,501.3	2,535.1	2,488.7	2,518.1	2,518.0	2,524.7	6.7
Management, scientific, and technical consulting services.....	1,835.9	1,885.4	1,886.4	1,914.8	1,813.4	1,882.9	1,891.0	1,893.6	2.6
Scientific research and development services.....	909.3	955.1	945.7	947.2	909.9	943.7	948.4	947.3	-1.1
Advertising, public relations, and related services.....	496.7	500.5	501.1	506.7	495.5	498.9	501.7	504.0	2.3
Other professional, scientific, and technical services.....	865.1	895.2	891.1	902.3	856.5	890.2	891.9	895.0	3.1
Management of companies and enterprises... ..	2,504.7	2,537.1	2,524.9	2,523.3	2,505.9	2,525.7	2,526.9	2,524.4	-2.5
Administrative and support and waste management and remediation services... ..	9,855.4	9,623.5	9,681.0	9,791.0	9,620.0	9,553.0	9,549.5	9,549.9	0.4
Administrative and support services.....	9,367.0	9,120.4	9,179.3	9,291.3	9,136.6	9,056.7	9,052.8	9,054.6	1.8
Office administrative services.....	610.7	626.7	631.0	640.3	607.2	622.7	629.4	635.4	6.0
Facilities support services.....	159.0	167.5	166.7	166.4	157.1	165.1	165.1	164.8	-0.3
Employment services <sup>1</sup> .....	4,038.5	3,679.1	3,757.2	3,864.8	3,897.4	3,728.3	3,712.0	3,709.4	-2.6
Temporary help services.....	3,240.9	2,906.1	2,981.3	3,078.6	3,141.4	2,950.8	2,941.9	2,948.5	6.6
Business support services.....	783.6	742.0	741.8	744.1	779.3	750.7	746.7	739.2	-7.5
Travel arrangement and reservation services.....	176.2	187.2	187.1	190.6	174.5	184.9	186.2	189.0	2.8
Investigation and security services.....	971.3	982.0	986.0	987.0	966.1	980.4	982.7	982.8	0.1
Services to buildings and dwellings.....	2,283.5	2,391.1	2,361.4	2,344.0	2,217.3	2,283.2	2,287.3	2,287.0	-0.3
Other support services.....	344.2	344.8	348.1	354.1	337.6	341.4	343.2	347.1	3.9
Waste management and remediation services.....	488.4	503.1	501.7	499.7	483.4	496.3	496.7	495.3	-1.4
Private education and health services.....	24,872	25,243	25,564	25,909	24,661	25,525	25,603	25,692	89
Private educational services.....	3,995.9	3,669.6	3,948.0	4,111.2	3,846.5	3,942.2	3,951.3	3,962.8	11.5
Health care and social assistance.....	20,875.6	21,573.2	21,615.5	21,797.5	20,814.5	21,582.5	21,651.8	21,729.0	77.2
Health care <sup>3</sup> .....	16,532.2	17,024.4	17,060.5	17,175.4	16,487.1	17,017.2	17,065.2	17,123.6	58.4
Ambulatory health care services.....	8,244.6	8,468.7	8,492.0	8,572.7	8,217.0	8,479.4	8,509.3	8,541.7	32.4
Offices of physicians.....	2,847.1	2,919.3	2,928.6	2,960.1	2,836.0	2,923.4	2,933.3	2,945.9	12.6
Offices of dentists.....	1,027.3	1,042.5	1,038.7	1,039.0	1,026.7	1,040.7	1,042.1	1,038.5	-3.6
Offices of other health practitioners.....	1,113.6	1,144.1	1,144.9	1,158.3	1,109.0	1,143.5	1,148.2	1,152.6	4.4
Outpatient care centers.....	1,046.6	1,062.8	1,063.6	1,075.3	1,045.7	1,065.0	1,066.7	1,074.8	8.1
Medical and diagnostic laboratories... ..	318.4	325.7	325.4	325.4	317.4	325.4	326.4	325.3	-1.1
Home health care services.....	1,560.7	1,633.0	1,647.7	1,668.6	1,550.8	1,638.5	1,649.4	1,658.9	9.5

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

— Continued

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted				Change from: Sept. 2023 - Oct. 2023 <sup>p</sup>
	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>	
Ambulatory health care services - Continued									
Other ambulatory health care services.....	330.9	341.3	343.1	346.0	331.6	342.8	343.2	345.8	2.6
Hospitals.....	5,226.8	5,358.0	5,373.9	5,395.1	5,219.6	5,351.0	5,364.6	5,382.7	18.1
Nursing and residential care facilities.....	3,060.8	3,197.7	3,194.6	3,207.6	3,050.5	3,186.8	3,191.3	3,199.2	7.9
Skilled nursing care facilities.....	1,373.5	1,433.4	1,431.2	1,441.1	1,364.7	1,429.0	1,428.6	1,433.0	4.4
Residential intellectual and developmental disability, mental health, and substance abuse facilities.....	619.5	641.4	644.9	646.1	619.3	639.6	643.9	645.2	1.3
Continuing care retirement communities and assisted living facilities for the elderly.....	914.3	966.1	962.1	963.3	913.3	961.7	962.2	964.0	1.8
Other residential care facilities.....	153.5	156.8	156.4	157.1	153.2	156.5	156.7	157.0	0.3
Social assistance.....	4,343.4	4,548.8	4,555.0	4,622.1	4,327.4	4,565.3	4,586.6	4,605.4	18.8
Individual and family services.....	2,882.4	3,055.8	3,054.0	3,096.7	2,875.1	3,055.9	3,074.4	3,088.7	14.3
Community food and housing, and emergency and other relief services....	206.2	217.5	217.6	221.1	207.1	219.3	220.3	221.6	1.3
Vocational rehabilitation services.....	271.8	282.9	282.3	285.1	269.4	280.5	283.1	283.5	0.4
Child care services.....	983.0	992.6	1,001.1	1,019.2	975.8	1,009.6	1,008.8	1,011.6	2.8
Leisure and hospitality.....	16,107	17,278	16,784	16,677	16,135	16,629	16,703	16,722	19
Arts, entertainment, and recreation.....	2,329.2	2,731.4	2,519.7	2,475.0	2,360.2	2,471.5	2,485.2	2,505.6	20.4
Performing arts, spectator sports, and related industries.....	524.3	569.2	581.1	577.0	520.0	544.4	554.2	564.5	10.3
Museums, historical sites, and similar institutions.....	163.4	183.0	176.2	175.8	162.0	173.0	174.5	175.1	0.6
Amusement, gambling, and recreation industries.....	1,641.5	1,979.2	1,762.4	1,722.2	1,678.2	1,754.1	1,756.5	1,766.0	9.5
Accommodation and food services.....	13,777.8	14,546.2	14,264.0	14,201.6	13,775.0	14,157.6	14,217.6	14,216.8	-0.8
Accommodation.....	1,802.8	1,990.1	1,905.4	1,875.1	1,819.1	1,873.6	1,885.3	1,892.0	6.7
Food services and drinking places.....	11,975.0	12,556.1	12,358.6	12,326.5	11,955.9	12,284.0	12,332.3	12,324.8	-7.5
Other services.....	5,768	5,928	5,872	5,890	5,756	5,880	5,888	5,887	-1
Repair and maintenance.....	1,417.4	1,460.7	1,456.4	1,464.0	1,410.5	1,453.2	1,457.0	1,458.0	1.0
Personal and laundry services.....	1,511.2	1,549.0	1,547.9	1,554.4	1,505.4	1,545.3	1,554.6	1,551.1	-3.5
Religious, grantmaking, civic, professional, and similar organizations.....	2,839.7	2,918.5	2,867.5	2,872.0	2,839.9	2,881.9	2,876.7	2,877.8	1.1
Government.....	22,619	21,977	22,916	23,243	22,262	22,790	22,841	22,892	51
Federal.....	2,877	2,952	2,960	2,958	2,871	2,944	2,948	2,951	3
Federal, except U.S. Postal Service.....	2,279.3	2,349.4	2,357.5	2,352.4	2,269.6	2,335.0	2,340.7	2,343.1	2.4
U.S. Postal Service.....	598.1	602.4	602.5	605.4	601.7	608.7	607.2	608.0	0.8
State government.....	5,263	5,014	5,362	5,440	5,104	5,261	5,271	5,281	10
State government education.....	2,605.5	2,275.6	2,630.3	2,707.2	2,446.0	2,539.5	2,546.0	2,548.5	2.5
State government, excluding education.....	2,657.8	2,738.1	2,731.6	2,732.9	2,658.4	2,721.6	2,725.3	2,732.7	7.4
Local government.....	14,479	14,011	14,594	14,845	14,287	14,585	14,622	14,660	38
Local government education.....	8,045.8	7,208.7	7,954.6	8,221.8	7,826.8	7,965.5	7,976.4	8,002.8	26.4
Local government, excluding education.....	6,432.9	6,802.4	6,639.8	6,623.4	6,460.4	6,619.4	6,645.3	6,657.2	11.9

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

<sup>2</sup> Includes motor vehicle manufacturing, motor vehicle body and trailer manufacturing, and motor vehicle parts manufacturing.

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

p Preliminary

NOTE: Data have been revised to reflect March 2022 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	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	34.6	34.4	34.4	34.3
Goods-producing.....	40.0	39.9	39.9	39.8
Mining and logging.....	46.3	45.2	44.8	44.5
Construction.....	38.9	39.1	39.1	39.1
Manufacturing.....	40.4	40.1	40.1	40.0
Durable goods.....	40.8	40.7	40.6	40.4
Nondurable goods.....	39.7	39.1	39.2	39.3
Private service-providing.....	33.5	33.3	33.3	33.2
Trade, transportation, and utilities.....	34.2	34.0	33.9	33.8
Wholesale trade.....	38.8	38.8	38.7	38.5
Retail trade.....	30.2	29.9	29.8	29.7
Transportation and warehousing.....	38.6	38.4	38.3	38.2
Utilities.....	42.7	41.8	41.7	41.7
Information.....	36.5	36.4	36.3	36.4
Financial activities.....	37.5	37.4	37.4	37.3
Professional and business services.....	36.7	36.4	36.5	36.3
Private education and health services.....	33.4	33.4	33.3	33.2
Leisure and hospitality.....	25.5	25.3	25.5	25.5
Other services.....	32.3	32.2	32.3	32.2
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	3.1	3.0	3.0	2.9
Durable goods.....	3.3	3.2	3.1	3.0
Nondurable goods.....	2.9	2.7	2.7	2.7

p Preliminary

NOTE: Data have been revised to reflect March 2022 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			
	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>
Total private.....	\$32.66	\$33.82	\$33.93	\$34.00	\$1,130.04	\$1,163.41	\$1,167.19	\$1,166.20
Goods-producing.....	32.86	34.31	34.43	34.51	1,314.40	1,368.97	1,373.76	1,373.50
Mining and logging.....	36.24	38.21	38.69	38.42	1,677.91	1,727.09	1,733.31	1,709.69
Construction.....	35.25	36.75	36.83	37.00	1,371.23	1,436.93	1,440.05	1,446.70
Manufacturing.....	31.29	32.63	32.76	32.79	1,264.12	1,308.46	1,313.68	1,311.60
Durable goods.....	32.91	34.16	34.31	34.39	1,342.73	1,390.31	1,392.99	1,389.36
Nondurable goods.....	28.57	29.96	30.07	30.03	1,134.23	1,171.44	1,178.74	1,180.18
Private service-providing.....	32.62	33.71	33.81	33.88	1,092.77	1,122.54	1,125.87	1,124.82
Trade, transportation, and utilities.....	28.04	29.14	29.26	29.26	958.97	990.76	991.91	988.99
Wholesale trade.....	35.56	37.08	37.22	37.09	1,379.73	1,438.70	1,440.41	1,427.97
Retail trade.....	23.21	23.99	24.06	24.05	700.94	717.30	716.99	714.29
Transportation and warehousing.....	28.14	29.28	29.46	29.58	1,086.20	1,124.35	1,128.32	1,129.96
Utilities.....	48.19	49.88	50.03	50.19	2,057.71	2,084.98	2,086.25	2,092.92
Information.....	47.66	48.26	48.32	48.32	1,739.59	1,756.66	1,754.02	1,758.85
Financial activities.....	42.06	43.96	44.15	44.21	1,577.25	1,644.10	1,651.21	1,649.03
Professional and business services.....	39.19	40.62	40.80	40.94	1,438.27	1,478.57	1,489.20	1,486.12
Private education and health services.....	32.30	33.11	33.19	33.27	1,078.82	1,105.87	1,105.23	1,104.56
Leisure and hospitality.....	20.44	21.28	21.29	21.36	521.22	538.38	542.90	544.68
Other services.....	29.17	30.08	30.17	30.33	942.19	968.58	974.49	976.63

p Preliminary

NOTE: Data have been revised to reflect March 2022 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

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

[2007=100]

Industry	Index of aggregate weekly hours <sup>1</sup>					Index of aggregate weekly payrolls <sup>2</sup>				
	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>	Percent change from: Sept. 2023 - Oct. 2023 <sup>p</sup>	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>	Percent change from: Sept. 2023 - Oct. 2023 <sup>p</sup>
Total private.....	114.4	115.4	115.7	115.4	-0.3	178.7	186.7	187.6	187.6	0.0
Goods-producing.....	97.5	98.3	98.4	98.1	-0.3	144.7	152.4	153.2	153.0	-0.1
Mining and logging.....	89.6	91.5	90.8	90.3	-0.6	130.4	140.3	141.0	139.3	-1.2
Construction.....	104.8	107.8	108.0	108.3	0.3	160.5	172.1	172.8	174.1	0.8
Manufacturing.....	94.2	93.6	93.7	93.3	-0.4	137.0	142.1	142.8	142.2	-0.4
Durable goods.....	92.6	93.2	93.1	92.3	-0.9	135.3	141.5	141.9	140.9	-0.7
Nondurable goods.....	97.0	94.5	94.9	95.1	0.2	140.6	143.7	144.7	144.9	0.1
Private service-providing.....	119.0	120.1	120.4	120.1	-0.2	188.7	196.9	197.8	197.8	0.0
Trade, transportation, and utilities.....	107.7	107.1	107.0	106.7	-0.3	162.8	168.4	168.8	168.3	-0.3
Wholesale trade.....	103.0	103.8	103.8	103.4	-0.4	153.2	161.0	161.6	160.5	-0.7
Retail trade.....	95.3	94.5	94.3	94.0	-0.3	146.2	149.9	150.0	149.4	-0.4
Transportation and warehousing.....	149.5	147.5	147.4	146.8	-0.4	214.1	219.7	220.9	220.8	0.0
Utilities.....	102.9	101.0	101.0	101.2	0.2	163.8	166.4	167.0	167.8	0.5
Information.....	103.9	101.1	100.7	100.6	-0.1	176.3	173.7	173.2	173.2	0.0
Financial activities.....	111.6	112.1	112.2	111.8	-0.4	183.1	192.3	193.1	192.9	-0.1
Professional and business services.....	130.9	130.9	131.4	130.8	-0.5	207.7	215.5	217.2	216.9	-0.1
Private education and health services..	134.5	139.2	139.2	139.3	0.1	209.0	221.7	222.3	222.9	0.3
Leisure and hospitality.....	117.4	120.0	121.5	121.7	0.2	193.6	206.1	208.7	209.7	0.5
Other services.....	107.2	109.2	109.7	109.3	-0.4	171.4	180.0	181.3	181.7	0.2

<sup>1</sup> The indexes of aggregate weekly hours are calculated by dividing the current month's estimates of aggregate hours by the corresponding 2007 annual average aggregate hours. Aggregate hours estimates are the product of estimates of average weekly hours and employment.

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

p Preliminary

NOTE: Data have been revised to reflect March 2022 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			
	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>
Total nonfarm.....	76,689	77,984	78,128	78,248	49.8	49.8	49.8	49.9
Total private.....	63,731	64,690	64,817	64,898	48.4	48.4	48.4	48.4
Goods-producing.....	4,933	4,991	4,998	4,998	23.1	23.1	23.1	23.1
Mining and logging.....	79	83	84	84	12.8	12.9	13.0	13.0
Construction.....	1,099	1,137	1,139	1,149	14.1	14.2	14.2	14.3
Manufacturing.....	3,755	3,771	3,775	3,765	29.0	29.1	29.0	29.1
Durable goods.....	2,002	2,025	2,026	2,020	24.8	24.9	24.9	24.9
Nondurable goods.....	1,753	1,746	1,749	1,745	35.8	36.0	36.1	36.0
Private service-providing.....	58,798	59,699	59,819	59,900	53.3	53.3	53.3	53.3
Trade, transportation, and utilities.....	11,351	11,297	11,291	11,292	39.4	39.2	39.1	39.1
Wholesale trade.....	1,841.5	1,869.0	1,863.8	1,868.4	30.6	30.8	30.6	30.7
Retail trade.....	7,543.1	7,491.8	7,491.2	7,495.8	48.7	48.2	48.2	48.2
Transportation and warehousing.....	1,824.0	1,788.3	1,787.8	1,778.6	27.1	26.7	26.7	26.6
Utilities.....	142.5	147.5	147.8	148.9	25.6	26.4	26.4	26.6
Information.....	1,261	1,238	1,237	1,230	40.5	40.7	40.7	40.6
Financial activities.....	5,065	5,091	5,098	5,108	55.7	55.6	55.7	55.8
Professional and business services.....	10,519	10,588	10,599	10,600	46.2	46.0	46.1	46.0
Private education and health services.....	19,015	19,616	19,677	19,771	77.1	76.9	76.9	77.0
Leisure and hospitality.....	8,523	8,726	8,766	8,745	52.8	52.5	52.5	52.3
Other services.....	3,064	3,143	3,151	3,154	53.2	53.5	53.5	53.6
Government.....	12,958	13,294	13,311	13,350	58.2	58.3	58.3	58.3

p Preliminary

NOTE: Data have been revised to reflect March 2022 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

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

[In thousands]

Industry	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>
Total private.....	107,231	108,764	108,951	108,968
Goods-producing.....	15,348	15,473	15,481	15,451
Mining and logging.....	460	496	499	499
Construction.....	5,785	5,872	5,872	5,877
Manufacturing.....	9,103	9,105	9,110	9,075
Durable goods.....	5,592	5,615	5,616	5,577
Nondurable goods.....	3,511	3,490	3,494	3,498
Private service-providing.....	91,883	93,291	93,470	93,517
Trade, transportation, and utilities.....	24,276	24,313	24,361	24,357
Wholesale trade.....	4,784.3	4,786.4	4,798.1	4,799.1
Retail trade.....	13,182.8	13,236.1	13,266.0	13,262.3
Transportation and warehousing.....	5,865.4	5,846.6	5,851.2	5,847.3
Utilities.....	443.2	443.9	445.6	448.5
Information.....	2,473	2,426	2,427	2,433
Financial activities.....	6,846	6,853	6,863	6,871
Professional and business services.....	18,159	18,177	18,174	18,152
Private education and health services.....	21,431	22,196	22,287	22,365
Leisure and hospitality.....	14,017	14,522	14,556	14,538
Other services.....	4,681	4,804	4,802	4,801

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

p Preliminary

NOTE: Data have been revised to reflect March 2022 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

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

Industry	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>
<b>AVERAGE WEEKLY HOURS</b>				
Total private.....	34.0	33.8	33.8	33.7
Goods-producing.....	40.8	40.6	40.6	40.6
Mining and logging.....	48.0	47.8	47.9	47.9
Construction.....	39.8	39.7	39.7	39.8
Manufacturing.....	41.0	40.8	40.7	40.7
Durable goods.....	41.4	41.0	40.9	41.0
Nondurable goods.....	40.3	40.3	40.4	40.3
Private service-providing.....	32.9	32.7	32.7	32.6
Trade, transportation, and utilities.....	34.1	34.0	34.0	33.9
Wholesale trade.....	38.9	38.8	38.9	38.6
Retail trade.....	30.5	30.4	30.5	30.3
Transportation and warehousing.....	37.8	37.6	37.5	37.6
Utilities.....	42.4	42.3	42.2	42.2
Information.....	36.2	36.0	36.0	36.1
Financial activities.....	37.2	37.0	36.9	36.6
Professional and business services.....	36.4	36.3	36.2	36.1
Private education and health services.....	32.6	32.5	32.4	32.5
Leisure and hospitality.....	24.5	24.1	24.4	24.2
Other services.....	31.3	31.2	31.4	31.2
<b>AVERAGE OVERTIME HOURS</b>				
Manufacturing.....	3.9	3.6	3.6	3.5
Durable goods.....	4.1	3.7	3.7	3.6
Nondurable goods.....	3.5	3.5	3.4	3.4

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

<sup>p</sup> Preliminary

NOTE: Data have been revised to reflect March 2022 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

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

Industry	Average hourly earnings				Average weekly earnings			
	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>
Total private.....	\$27.96	\$29.00	\$29.09	\$29.19	\$950.64	\$980.20	\$983.24	\$983.70
Goods-producing.....	28.41	29.74	29.87	29.95	1,159.13	1,207.44	1,212.72	1,215.97
Mining and logging.....	32.94	34.01	35.09	34.72	1,581.12	1,625.68	1,680.81	1,663.09
Construction.....	32.88	34.45	34.51	34.64	1,308.62	1,367.67	1,370.05	1,378.67
Manufacturing.....	25.38	26.50	26.63	26.68	1,040.58	1,081.20	1,083.84	1,085.88
Durable goods.....	26.58	27.62	27.79	27.92	1,100.41	1,132.42	1,136.61	1,144.72
Nondurable goods.....	23.42	24.68	24.73	24.67	943.83	994.60	999.09	994.20
Private service-providing.....	27.87	28.85	28.92	29.03	916.92	943.40	945.68	946.38
Trade, transportation, and utilities.....	24.41	25.37	25.42	25.48	832.38	862.58	864.28	863.77
Wholesale trade.....	29.74	30.65	30.62	30.68	1,156.89	1,189.22	1,191.12	1,184.25
Retail trade.....	19.97	20.58	20.63	20.62	609.09	625.63	629.22	624.79
Transportation and warehousing.....	26.41	28.04	28.17	28.31	998.30	1,054.30	1,056.38	1,064.46
Utilities.....	42.93	44.44	44.60	44.84	1,820.23	1,879.81	1,882.12	1,892.25
Information.....	38.58	39.62	39.70	39.21	1,396.60	1,426.32	1,429.20	1,415.48
Financial activities.....	32.65	34.07	34.30	34.55	1,214.58	1,260.59	1,265.67	1,264.53
Professional and business services.....	32.92	34.34	34.42	34.54	1,198.29	1,246.54	1,246.00	1,246.89
Private education and health services.....	29.43	30.13	30.31	30.42	959.42	979.23	982.04	988.65
Leisure and hospitality.....	18.18	18.86	18.89	19.00	445.41	454.53	460.92	459.80
Other services.....	25.14	25.92	25.96	26.09	786.88	808.70	815.14	814.01

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

p Preliminary

NOTE: Data have been revised to reflect March 2022 benchmark levels and updated seasonal adjustment factors.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>	Percent change from: Sept. 2023 - Oct. 2023 <sup>p</sup>	Oct. 2022	Aug. 2023	Sept. 2023 <sup>p</sup>	Oct. 2023 <sup>p</sup>	Percent change from: Sept. 2023 - Oct. 2023 <sup>p</sup>
Total private.....	121.5	122.5	122.7	122.4	-0.2	227.0	237.4	238.6	238.7	0.0
Goods-producing.....	95.7	96.0	96.0	95.9	-0.1	166.5	174.8	175.7	175.8	0.1
Mining and logging.....	117.3	126.0	127.0	127.0	0.0	224.8	249.2	259.2	256.5	-1.0
Construction.....	115.3	116.7	116.7	117.1	0.3	204.7	217.1	217.5	219.1	0.7
Manufacturing.....	85.7	85.3	85.1	84.8	-0.4	142.2	147.8	148.2	147.9	-0.2
Durable goods.....	87.0	86.5	86.3	85.9	-0.5	144.3	149.1	149.7	149.7	0.0
Nondurable goods.....	83.4	82.9	83.2	83.1	-0.1	138.0	144.5	145.3	144.8	-0.3
Private service-providing.....	128.8	130.0	130.2	129.9	-0.2	246.2	257.2	258.3	258.6	0.1
Trade, transportation, and utilities.....	115.9	115.7	115.9	115.6	-0.3	202.2	209.8	210.6	210.5	0.0
Wholesale trade.....	110.5	110.2	110.8	109.9	-0.8	193.9	199.4	200.2	199.1	-0.5
Retail trade.....	101.9	102.0	102.6	101.9	-0.7	174.6	180.0	181.5	180.1	-0.8
Transportation and warehousing.....	167.8	166.4	166.1	166.4	0.2	282.1	296.9	297.8	299.8	0.7
Utilities.....	96.1	96.0	96.2	96.8	0.6	172.2	178.1	179.0	181.2	1.2
Information.....	102.2	99.7	99.7	100.2	0.5	195.2	195.5	196.0	194.6	-0.7
Financial activities.....	119.9	119.3	119.2	118.4	-0.7	240.8	250.1	251.5	251.6	0.0
Professional and business services.....	147.6	147.3	146.9	146.3	-0.4	288.9	300.9	300.7	300.5	-0.1
Private education and health services..	149.0	153.8	154.0	155.0	0.6	289.4	305.9	308.0	311.2	1.0
Leisure and hospitality.....	125.8	128.2	130.1	128.9	-0.9	259.7	274.6	279.1	278.1	-0.4
Other services.....	102.8	105.1	105.7	105.1	-0.6	188.2	198.5	200.0	199.7	-0.2

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

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

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

p Preliminary

NOTE: Data have been revised to reflect March 2022 benchmark levels and updated seasonal adjustment factors.