## NEWS RELEASE <br> $B \cup R E A \cup O F L A B O R \quad S T A T|S T| C S$

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## Regional and State Unemployment-2020 Annual Averages

Annual average unemployment rates rose in 2020 in all regions, divisions, and states, the U.S. Bureau of Labor Statistics reported today. Employment-population ratios decreased across all of these geographic areas as well. The U.S. jobless rate increased by 4.4 percentage points from the prior year to 8.1 percent, while the national employment-population ratio fell by 4.0 points to 56.8 percent. The deterioration in the labor market in 2020 reflected the impact of the coronavirus (COVID-19) pandemic and efforts to contain it.

## Regional Unemployment

All four regions posted unemployment rate increases from 2019, from a maximum of 5.5 percentage points in the Northeast to a minimum of 3.7 points in the South. The Northeast, 9.2 percent, and West, 9.0 percent, registered jobless rates higher than the U.S. rate in 2020, while the Midwest and South, 7.6 percent and 7.2 percent, respectively, both had rates below the national figure. (See table 1.)

All nine geographic divisions had over-the-year unemployment rate increases in 2020, with the largest of these occurring in the Middle Atlantic and Pacific ( +5.8 percentage points and +5.6 points, respectively). The divisions with the smallest rate increases were the West North Central ( +2.6 percentage points) and East South Central ( +3.2 points). The highest jobless rates among the divisions were in the Middle Atlantic and Pacific, 9.7 percent each, followed by the East

## Changes to Local Area Unemployment Statistics Data

All subnational estimates presented in this news release were produced using a new generation of time-series models. Information on the changes to model-based estimation is available on the BLS website at www.bls.gov/lau/gen-5-changes-in-2021.htm.

Effective with this news release, data have been re-estimated back to 1976 for regions, divisions, states, and the District of Columbia. The annual average data shown in tables 1 and 2 were affected, as were monthly seasonally adjusted and not seasonally adjusted data.

North Central, 8.5 percent. The divisions with the lowest jobless rates in 2020 were the West North Central, 5.7 percent, and East South Central, 7.0 percent. The Mountain, South Atlantic, and West South Central divisions also had rates below the national figure. The unemployment rate in the Middle Atlantic ( 9.7 percent) was the highest in its annual average series. (All region, division, and state series begin in 1976.)

## State Unemployment

In 2020, all 50 states and the District of Columbia had unemployment rate increases, the largest of which occurred in Hawaii ( +9.1 percentage points) and Nevada ( +8.9 points). Seven additional states recorded rate increases of at least 5.0 percentage points. Nebraska and South Dakota had the smallest rate increases ( +1.2 percentage points and +1.6 points, respectively). (See table A and map 1.)

Four states reported jobless rates of 10.0 percent or more in 2020: Nevada, 12.8 percent; Hawaii, 11.6 percent; California, 10.1 percent; and New York, 10.0 percent. The rate in Hawaii was the highest in its annual average series. Nebraska and South Dakota had the lowest jobless rates among the states, 4.2 percent and 4.6 percent, respectively. Overall, 22 states had unemployment rates lower than the U.S. figure of 8.1 percent, 8 states had higher rates, and 20 states and the District of Columbia had rates that were not appreciably different from that of the nation. (See table B and map 2.)

## Regional Employment-Population Ratios

In 2020, all four census regions had decreases in their employment-population ratios-the proportion of the civilian noninstitutional population 16 years of age and over who are employed. The Northeast ( -4.6 percentage points) and West ( -4.5 points) had the largest ratio decreases. The South, 56.0 percent, and West, 56.3 percent, had the lowest ratios, while the Midwest had the highest ratio, 59.1 percent. The ratios in the South and West were the lowest in their respective series. (See table 2.)

All nine census divisions had decreases in their employment-population ratios from 2019 to 2020, the largest of which were in New England ( -5.2 percentage points) and the Pacific ( -4.9 points). Four divisions had ratios that were lower than the national average of 56.8 percent: the East South Central, 54.2 percent; Pacific, 55.2 percent; Middle Atlantic, 55.3 percent; and South Atlantic, 55.9 percent. Three divisions had ratios notably higher than the U.S. ratio: the West North Central, 63.2 percent; New England, 59.3 percent; and the Mountain, 58.6 percent. The Mountain ( 58.6 percent), Pacific ( 55.2 percent), South Atlantic ( 55.9 percent), and West South Central ( 57.0 percent) each had the lowest employment-population ratios in their respective series.

## State Employment-Population Ratios

In 2020, all 50 states and the District of Columbia had over-the-year decreases in their employment-population ratios. The largest of these declines occurred in Nevada ( -8.1 percentage points), Hawaii ( -7.1 points), and Massachusetts ( -6.1 points). Three additional states recorded
ratio decreases of at least 5.0 percentage points. The smallest over-the-year decrease occurred in Nebraska (-1.5 percentage points), followed by South Dakota and Wyoming (-1.7 points each). (See table C.)

Fifteen states registered the lowest employment-population ratios in their respective series in 2020. West Virginia and Mississippi had the lowest proportions of employed persons among the states, 50.3 percent and 50.6 percent, respectively. Nebraska had the highest employmentpopulation ratio, 66.7 percent, followed by North Dakota, 66.0 percent. Overall, 23 states and the District of Columbia had employment-population ratios higher than the U.S. ratio of 56.8 percent, 15 states had lower ratios, and 12 states had ratios that were not appreciably different from that of the nation. (See tables D and E and map 3.)

The State Employment and Unemployment news release for January 2021 is scheduled to be released on Monday, March 15, 2021, at 10:00 a.m. (ET). The Metropolitan Area Employment and Unemployment news release for January 2021 is scheduled to be released on Friday, March 19, 2021, at 10:00 a.m. (ET).

## Coronavirus (COVID-19) Pandemic Impact on 2020 Household Survey Data

The 2020 annual average estimates of household employment and unemployment presented in this news release were averaged from monthly data that were revised using a new generation of time-series models in conjunction with updated estimation inputs. The changes to the models were designed to allow them to better cope with the unusually large frequency and magnitudes of breaks in the input data attributable to the pandemic and efforts to contain it. More information about the changes to the models is available at www.bls.gov/lau/gen-5-changes-in-2021.htm. For the estimation inputs to the models, BLS continued to implement level-shift outliers based on statistical evaluation of movements in each area's inputs. Both the Current Population Survey inputs, which serve as the primary inputs to the models, and the nonfarm payroll employment and unemployment insurance claims covariates were examined for outliers. The resulting implementation of level shifts preserved movements in the published estimates that the models otherwise would have discounted, without requiring changes to how the models create estimates at other points in the time series.

The "Impact summary" documents associated with the Employment Situation news release listed at www.bls.gov/covid19/effects-of-covid-19-pandemic-and-response-on-the-employment-situation-news-release.htm\#summaries extensively discuss the monthly impacts of a misclassification in the household survey on the national estimates beginning in March 2020. Despite the considerable decline in its degree relative to the initial months of the pandemic, this misclassification continued to be widespread geographically through the end of 2020, with BLS analysis indicating that most states still were affected to at least some extent as of December. However, according to usual practice, the data from the household survey are accepted as recorded. To maintain data integrity, no ad hoc actions are taken to reclassify survey responses. Hence, the household survey estimates of employed and unemployed people that serve as the primary inputs to the state models were affected to varying degrees by the misclassification, which in turn affected the monthly estimates underlying the 2020 annual averages presented in this news release.

Table A. States with statistically significant unemployment rate changes, 2019-20 annual averages

| State | Rate |  | Over-the-year rate change |
| :---: | :---: | :---: | :---: |
|  | 2019 | 2020 |  |
| Alabama | 3.0 | 5.9 | 2.9 |
| Alaska | 5.4 | 7.8 | 2.4 |
| Arizona | 4.9 | 7.9 | 3.0 |
| Arkansas | 3.5 | 6.1 | 2.6 |
| California | 4.2 | 10.1 | 5.9 |
| Colorado | 2.7 | 7.3 | 4.6 |
| Connecticut | 3.6 | 7.9 | 4.3 |
| Delaware | 3.7 | 7.8 | 4.1 |
| District of Columbia ................. | 5.4 | 8.0 | 2.6 |
| Florida | 3.3 | 7.7 | 4.4 |
| Georgia ................................ | 3.5 | 6.5 | 3.0 |
| Hawaii | 2.5 | 11.6 | 9.1 |
| Idaho | 2.8 | 5.4 | 2.6 |
| Illinois | 4.0 | 9.5 | 5.5 |
| Indiana | 3.2 | 7.1 | 3.9 |
| Iowa | 2.8 | 5.3 | 2.5 |
| Kansas | 3.2 | 5.9 | 2.7 |
| Kentucky | 4.1 | 6.6 | 2.5 |
| Louisiana | 4.7 | 8.3 | 3.6 |
| Maine | 2.7 | 5.4 | 2.7 |
| Maryland | 3.5 | 6.8 | 3.3 |
| Massachusetts | 3.0 | 8.9 | 5.9 |
| Michigan | 4.1 | 9.9 | 5.8 |
| Minnesota | 3.2 | 6.2 | 3.0 |
| Mississippi | 5.5 | 8.1 | 2.6 |
| Missouri | 3.3 | 6.1 | 2.8 |
| Montana | 3.6 | 5.9 | 2.3 |
| Nebraska | 3.0 | 4.2 | 1.2 |
| Nevada | 3.9 | 12.8 | 8.9 |
| New Hampshire | 2.6 | 6.7 | 4.1 |
| New Jersey | 3.4 | 9.8 | 6.4 |
| New Mexico | 5.0 | 8.4 | 3.4 |
| New York | 3.8 | 10.0 | 6.2 |
| North Carolina | 3.8 | 7.3 | 3.5 |
| North Dakota | 2.3 | 5.1 | 2.8 |
| Ohio | 4.2 | 8.1 | 3.9 |
| Oklahoma | 3.1 | 6.1 | 3.0 |
| Oregon | 3.7 | 7.6 | 3.9 |
| Pennsylvania | 4.5 | 9.1 | 4.6 |
| Rhode Island | 3.6 | 9.4 | 5.8 |
| South Carolina ........................ | 2.8 | 6.2 | 3.4 |
| South Dakota | 3.0 | 4.6 | 1.6 |
| Tennessee | 3.4 | 7.5 | 4.1 |
| Texas | 3.5 | 7.6 | 4.1 |
| Utah | 2.5 | 4.7 | 2.2 |
| Vermont | 2.3 | 5.6 | 3.3 |
| Virginia .................................. | 2.7 | 6.2 | 3.5 |
| Washington ........................... | 4.1 | 8.4 | 4.3 |
| West Virginia ......................... | 4.9 | 8.3 | 3.4 |
| Wisconsin ............................ | 3.3 | 6.3 | 3.0 |
| Wyoming ............................. | 3.7 | 5.8 | 2.1 |

Table B. States with unemployment rates significantly different from that of the U.S., 2020 annual averages

| State | Rate |
| :---: | :---: |
| United States .............................................. | 8.1 |
| Alabama | 5.9 |
| Arkansas | 6.1 |
| California | 10.1 |
| Georgia ....................................................... | 6.5 |
| Hawaii | 11.6 |
| Idaho | 5.4 |
| Illinois | 9.5 |
| Indiana | 7.1 |
| Iowa | 5.3 |
| Kansas | 5.9 |
| Maine | 5.4 |
| Maryland | 6.8 |
| Michigan | 9.9 |
| Minnesota | 6.2 |
| Missouri | 6.1 |
| Montana | 5.9 |
| Nebraska | 4.2 |
| Nevada | 12.8 |
| New Jersey | 9.8 |
| New York | 10.0 |
| North Dakota ............................................. | 5.1 |
| Oklahoma | 6.1 |
| Pennsylvania | 9.1 |
| South Carolina | 6.2 |
| South Dakota | 4.6 |
| Utah | 4.7 |
| Vermont | 5.6 |
| Virginia ...................................................... | 6.2 |
| Wisconsin ................................................. | 6.3 |
| Wyoming ................................................... | 5.8 |

Table C. States with statistically significant employment-population ratio changes, 2019-20 annual averages

| State | Ratio |  | Over-the-year ratio change |
| :---: | :---: | :---: | :---: |
|  | 2019 | 2020 |  |
| Alabama | 56.1 | 54.1 | -2.0 |
| Alaska | 61.3 | 58.7 | -2.6 |
| Arizona | 58.8 | 56.1 | -2.7 |
| Arkansas | 56.2 | 53.9 | -2.3 |
| California | 59.8 | 54.4 | -5.4 |
| Colorado | 66.9 | 62.8 | -4.1 |
| Connecticut | 64.1 | 59.8 | -4.3 |
| Delaware | 60.2 | 56.5 | -3.7 |
| District of Columbia ............... | 67.6 | 64.6 | -3.0 |
| Florida | 57.4 | 52.9 | -4.5 |
| Georgia ............................... | 60.5 | 57.1 | -3.4 |
| Hawaii .................................. | 59.8 | 52.7 | -7.1 |
| Idaho | 62.4 | 60.0 | -2.4 |
| Illinois | 61.9 | 56.8 | -5.1 |
| Indiana | 62.4 | 58.5 | -3.9 |
| lowa | 68.2 | 63.7 | -4.5 |
| Kansas | 64.9 | 63.1 | -1.8 |
| Kentucky | 56.7 | 53.8 | -2.9 |
| Louisiana ............................. | 56.4 | 53.2 | -3.2 |
| Maine ............................... | 60.9 | 57.2 | -3.7 |
| Maryland ............................. | 66.2 | 62.0 | -4.2 |
| Massachusetts ........................ | 65.1 | 59.0 | -6.1 |
| Michigan | 59.4 | 54.6 | -4.8 |
| Minnesota ............................. | 67.7 | 65.3 | -2.4 |
| Mississippi | 52.9 | 50.6 | -2.3 |
| Missouri | 61.9 | 59.3 | -2.6 |
| Montana | 60.8 | 59.0 | -1.8 |
| Nebraska | 68.2 | 66.7 | -1.5 |
| Nevada | 61.9 | 53.8 | -8.1 |
| New Hampshire ....................... | 67.1 | 62.9 | -4.2 |
| New Jersey ........................... | 61.7 | 57.3 | -4.4 |
| New Mexico ........................... | 55.5 | 52.3 | -3.2 |
| New York ............................... | 58.4 | 53.7 | -4.7 |
| North Carolina | 59.2 | 54.9 | -4.3 |
| North Dakota ......................... | 68.5 | 66.0 | -2.5 |
| Ohio ..................................... | 60.6 | 57.1 | -3.5 |
| Oklahoma ............................. | 59.0 | 56.8 | -2.2 |
| Oregon .................................. | 59.5 | 56.5 | -3.0 |
| Pennsylvania ......................... | 60.4 | 56.5 | -3.9 |
| Rhode Island .......................... | 62.4 | 56.8 | -5.6 |
| South Carolina ....................... | 56.6 | 54.2 | -2.4 |
| South Dakota ......................... | 66.7 | 65.0 | -1.7 |
| Tennessee ............................ | 59.8 | 56.0 | -3.8 |
| Texas | 61.7 | 57.9 | -3.8 |
| Utah . | 66.8 | 64.8 | -2.0 |
| Vermont ................................. | 64.9 | 60.1 | -4.8 |
| Virginia .................................. | 64.5 | 60.6 | -3.9 |
| Washington ........................... | 62.2 | 58.8 | -3.4 |
| West Virginia ......................... | 52.4 | 50.3 | -2.1 |
| Wisconsin ............................ | 64.6 | 61.7 | -2.9 |
| Wyoming .............................. | 63.2 | 61.5 | -1.7 |

Table D. States with new series low employment-population ratios, 2020 annual averages ${ }^{1}$

| State | Ratio |
| :---: | :---: |
| Alaska | 58.7 |
| California | 54.4 |
| Delaware | 56.5 |
| Georgia | 57.1 |
| Hawaii | 52.7 |
| Illinois | 56.8 |
| Kentucky | 53.8 |
| Nevada | 53.8 |
| New Mexico | 52.3 |
| North Carolina | 54.9 |
| Oregon | 56.5 |
| Rhode Island | 56.8 |
| Texas | 57.9 |
| Virginia ...................................................... | 60.6 |
| Wyoming | 61.5 |

[^0]Table E. States with employment-population ratios significantly different from that of the U.S., 2020 annual averages

| State | Ratio |
| :---: | :---: |
| United States ............................................. | 56.8 |
| Alabama ................................................... | 54.1 |
| Alaska | 58.7 |
| Arkansas | 53.9 |
| California | 54.4 |
| Colorado | 62.8 |
| Connecticut | 59.8 |
| District of Columbia | 64.6 |
| Florida | 52.9 |
| Hawaii | 52.7 |
| Idaho ........................................................ | 60.0 |
| Indiana | 58.5 |
| lowa | 63.7 |
| Kansas | 63.1 |
| Kentucky | 53.8 |
| Louisiana | 53.2 |
| Maryland | 62.0 |
| Massachusetts | 59.0 |
| Michigan | 54.6 |
| Minnesota | 65.3 |
| Mississippi ................................................. | 50.6 |
| Missouri | 59.3 |
| Montana | 59.0 |
| Nebraska | 66.7 |
| Nevada | 53.8 |
| New Hampshire | 62.9 |
| New Mexico | 52.3 |
| New York | 53.7 |
| North Carolina | 54.9 |
| North Dakota | 66.0 |
| South Carolina | 54.2 |
| South Dakota | 65.0 |
| Texas | 57.9 |
| Utah | 64.8 |
| Vermont | 60.1 |
| Virginia | 60.6 |
| Washington .................................................. | 58.8 |
| West Virginia | 50.3 |
| Wisconsin ................................................. | 61.7 |
| Wyoming .................................................. | 61.5 |

## Technical Note

Special technical note: All subnational estimates presented in this news release were produced using a new generation of time-series models. Information on the changes to model-based estimation is available on the BLS website at www.bls.gov/lau/gen-5-changes-in-2021.htm.

This news release presents labor force and unemployment data for census regions and divisions and states from the Local Area Unemployment Statistics (LAUS) program. The LAUS program is a federal-state cooperative endeavor.

## Concepts

Definitions. The labor force and unemployment data are based on the same concepts and definitions as those used for the official national estimates obtained from the Current Population Survey (CPS), a sample survey of households that is conducted for the Bureau of Labor Statistics (BLS) by the U.S. Census Bureau. The LAUS program measures employed and unemployed persons on a place-of-residence basis. The universe for each is the civilian noninstitutional population 16 years of age and older. Employed persons are those who did any work at all for pay or profit in the reference week (the week including the 12th of the month) or worked 15 hours or more without pay in a family business or farm, plus those not working who had a job from which they were temporarily absent, whether or not paid, for such reasons as labor management dispute, illness, or vacation. Unemployed persons are those who were not employed during the reference week (based on the definition above), had actively looked for a job sometime in the 4 -week period ending with the reference week, and were currently available for work; persons on layoff expecting recall need not be looking for work to be counted as unemployed. The labor force is the sum of employed and unemployed persons. The unemployment rate is the number of unemployed persons expressed as a percent of the labor force. The employment-population ratio is the proportion of the civilian noninstitutional population 16 years of age and older that is employed.

Method of estimation. Estimates for 48 of the 50 states, the District of Columbia, the Los Angeles-Long Beach-Glendale metropolitan division, New York City, and the balances of California and New York State are produced using estimating equations based on regression techniques. This method uses data from several sources, including the CPS, the Current

Employment Statistics (CES) survey of nonfarm payroll employment, and state unemployment insurance (UI) programs. Estimates for the state of California are derived by summing the estimates for the Los Angeles-Long Beach-Glendale metropolitan division and the balance of California. Similarly, estimates for New York State are derived by summing the estimates for New York City and the balance of New York State. Estimates for all nine census divisions are based on a similar regression approach that does not incorporate CES or UI data. Estimates for census regions are obtained by summing the modelbased estimates for the component divisions and then calculating the unemployment rate. Each month, census division estimates are controlled to national totals; state estimates are then controlled to their respective division totals. A detailed description of the estimation procedures is available from BLS upon request.

Annual revisions. Labor force and unemployment data for prior years reflect adjustments made at the beginning of each year. The adjusted estimates incorporate updated population controls from the U.S. Census Bureau, any revisions in the other data sources, and model re-estimation. The population controls reflect extrapolation from the 2010 Census. In most years, historical data for the most recent 5 years (both seasonally adjusted and not seasonally adjusted) are revised near the beginning of each calendar year, prior to the release of January estimates. Though the labor force estimates typically are updated for 5 years, the population estimates are revised back to the decennial estimates base (April 2010). With the introduction of a new generation of times-series models in 2021, historical data were re-estimated back to January 1976 for regions, divisions, states, the District of Columbia, the Los Angeles-Long Beach-Glendale metropolitan division, New York City, and the balances of California and New York states.

## Reliability of the estimates

The estimates presented in this release are based on sample surveys, administrative data, and modeling and, thus, are subject to sampling and other types of errors. Sampling error is a measure of sampling variability-that is, variation that occurs by chance because a sample rather than the entire population is surveyed. Survey data also are subject to nonsampling errors, such as those which can be introduced into the data collection and processing operations. Estimates not directly derived from sample surveys are subject to additional errors resulting from the specific estimation processes used. In table 1, level estimates for states may not sum to level estimates for regions
and divisions because of rounding. Unemployment rates and employment-population ratios are computed from unrounded levels and, thus, may differ slightly from rates and ratios computed using the rounded level estimates displayed in table 1.

Use of error measures. Changes in unemployment rates and employment-population ratios are cited in the analysis of this release only if they have been determined to be statistically significant. Furthermore, unemployment rates and employment-population ratios for the latest year generally are cited only if they have been determined to be significantly different from the corresponding U.S. measure. The underlying model-based error measures are available online at www.bls.gov/lau/lastderr.htm. BLS uses 90-percent confidence levels in determining whether changes in LAUS unemployment rates and employmentpopulation ratios are statistically significant. The
average magnitude of the over-the-year change in an annual state unemployment rate that is required in order to be statistically significant at the 90-percent confidence level is about 1.0 percentage point. The average magnitude of the over-the-year change in an annual state employment-population ratio that is required in order to be statistically significant at the 90 -percent confidence level is about 0.9 percentage point. Measures of nonsampling error are not available.

## Additional information

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

Table 1. Employment status of the civilian noninstitutional population 16 years of age and over by region, division, and state, 2019-20 annual averages
(Numbers in thousands)

| Region, division, and state | Population |  | Civilian labor force |  | Employed |  | Unemployed |  | Unemployment rate |  | Error range of rate, $2020^{1}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 |  |  |  |
| United States | 259,175 | 260,329 | 163,539 | 160,742 | 157,538 | 147,795 | 6,001 | 12,947 | 3.7 | 8.1 | 8.0 | - | 8.2 |
| Northeast ..... | 45,145 | 45,097 | 28,598 | 28,013 | 27,539 | 25,436 | 1,059 | 2,577 | 3.7 | 9.2 | 8.9 | - | 9.5 |
| New England . | 12,136 | 12,162 | 8,072 | 7,841 | 7,822 | 7,212 | 250 | 629 | 3.1 | 8.0 | 7.7 | - | 8.4 |
| Connecticut ... | 2,885 | 2,883 | 1,917 | 1,873 | 1,848 | 1,725 | 69 | 148 | 3.6 | 7.9 | 6.5 | - | 9.3 |
| Maine ............. | 1,112 | 1,118 | 696 | 677 | 677 | 640 | 19 | 37 | 2.7 | 5.4 | 4.0 | - | 6.9 |
| Massachusetts ........ | 5,636 | 5,648 | 3,782 | 3,658 | 3,668 | 3,334 | 114 | 324 | 3.0 | 8.9 | 7.9 | - | 9.8 |
| New Hampshire. | 1,122 | 1,130 | 773 | 762 | 753 | 711 | 20 | 51 | 2.6 | 6.7 | 5.2 | - | 8.2 |
| Rhode Island ..... | 863 | 864 | 559 | 542 | 539 | 491 | 20 | 51 | 3.6 | 9.4 | 7.8 | - | 11.0 |
| Vermont | 518 | 519 | 344 | 330 | 336 | 312 | 8 | 18 | 2.3 | 5.6 | 4.7 | - | 6.5 |
| Middle Atlantic ... | 33,009 | 32,936 | 20,526 | 20,172 | 19,717 | 18,224 | 809 | 1,948 | 3.9 | 9.7 | 9.3 | - | 10.0 |
| New Jersey . | 7,074 | 7,077 | 4,522 | 4,495 | 4,367 | 4,055 | 155 | 440 | 3.4 | 9.8 | 8.5 | - | 11.0 |
| New York | 15,659 | 15,581 | 9,507 | 9,289 | 9,143 | 8,361 | 364 | 928 | 3.8 | 10.0 | 9.1 | - | 10.9 |
| Pennsylvania . | 10,275 | 10,278 | 6,497 | 6,388 | 6,207 | 5,808 | 290 | 580 | 4.5 | 9.1 | 8.1 | - | 10.1 |
| Midwest | 53,783 | 53,890 | 35,027 | 34,445 | 33,766 | 31,839 | 1,261 | 2,606 | 3.6 | 7.6 | 7.4 | - | 7.8 |
| East North Central .......... | 37,108 | 37,140 | 23,715 | 23,229 | 22,802 | 21,261 | 913 | 1,967 | 3.8 | 8.5 | 8.2 | - | 8.8 |
| Illinois. | 9,997 | 9,960 | 6,446 | 6,249 | 6,189 | 5,658 | 257 | 592 | 4.0 | 9.5 | 8.4 | - | 10.6 |
| Indiana. | 5,244 | 5,273 | 3,382 | 3,319 | 3,273 | 3,083 | 109 | 236 | 3.2 | 7.1 | 6.2 | - | 8.0 |
| Michigan .... | 7,991 | 7,995 | 4,949 | 4,841 | 4,748 | 4,363 | 201 | 478 | 4.1 | 9.9 | 8.6 | - | 11.2 |
| Ohio .......... | 9,243 | 9,258 | 5,842 | 5,754 | 5,599 | 5,285 | 243 | 469 | 4.2 | 8.1 | 6.9 | - | 9.4 |
| Wisconsin | 4,634 | 4,655 | 3,094 | 3,065 | 2,993 | 2,873 | 101 | 193 | 3.3 | 6.3 | 5.4 | - | 7.2 |
| West North Central. | 16,675 | 16,749 | 11,313 | 11,216 | 10,964 | 10,578 | 348 | 638 | 3.1 | 5.7 | 5.4 | - | 6.0 |
| lowa | 2,471 | 2,479 | 1,734 | 1,666 | 1,686 | 1,579 | 48 | 88 | 2.8 | 5.3 | 4.4 | - | 6.1 |
| Kansas .... | 2,228 | 2,234 | 1,494 | 1,497 | 1,446 | 1,409 | 47 | 88 | 3.2 | 5.9 | 4.7 | - | 7.1 |
| Minnesota | 4,424 | 4,449 | 3,093 | 3,095 | 2,995 | 2,904 | 98 | 191 | 3.2 | 6.2 | 4.7 | - | 7.6 |
| Missouri ... | 4,815 | 4,835 | 3,079 | 3,053 | 2,978 | 2,867 | 101 | 186 | 3.3 | 6.1 | 5.2 | - | 7.0 |
| Nebraska ...... | 1,479 | 1,487 | 1,041 | 1,035 | 1,009 | 991 | 31 | 44 | 3.0 | 4.2 | 3.5 | - | 5.0 |
| North Dakota ............ | 584 | 585 | 409 | 407 | 400 | 386 | 10 | 21 | 2.3 | 5.1 | 4.3 | - | 6.0 |
| South Dakota | 674 | 680 | 463 | 463 | 449 | 442 | 14 | 22 | 3.0 | 4.6 | 3.7 | - | 5.6 |
| South . | 98,135 | 99,146 | 60,608 | 59,789 | 58,481 | 55,496 | 2,127 | 4,293 | 3.5 | 7.2 | 7.0 | - | 7.3 |
| South Atlantic | 52,211 | 52,751 | 32,322 | 31,728 | 31,232 | 29,482 | 1,090 | 2,246 | 3.4 | 7.1 | 6.9 | - | 7.3 |
| Delaware .... | 781 | 791 | 488 | 484 | 470 | 446 | 18 | 38 | 3.7 | 7.8 | 6.4 | - | 9.2 |
| District of Columbia . | 581 | 584 | 415 | 410 | 393 | 377 | 22 | 33 | 5.4 | 8.0 | 7.0 | - | 9.0 |
| Florida.. | 17,421 | 17,647 | 10,330 | 10,114 | 9,991 | 9,333 | 339 | 781 | 3.3 | 7.7 | 6.6 | - | 8.9 |
| Georgia ..... | 8,204 | 8,298 | 5,148 | 5,072 | 4,966 | 4,741 | 182 | 331 | 3.5 | 6.5 | 5.7 | - | 7.3 |
| Maryland ............... | 4,766 | 4,773 | 3,270 | 3,173 | 3,156 | 2,958 | 114 | 215 | 3.5 | 6.8 | 5.8 | - | 7.7 |
| North Carolina | 8,255 | 8,360 | 5,077 | 4,951 | 4,886 | 4,587 | 192 | 363 | 3.8 | 7.3 | 6.4 | - | 8.3 |
| South Carolina ..... | 4,069 | 4,131 | 2,368 | 2,385 | 2,303 | 2,237 | 65 | 147 | 2.8 | 6.2 | 5.0 | - | 7.3 |
| Virginia | 6,685 | 6,724 | 4,427 | 4,347 | 4,309 | 4,075 | 119 | 271 | 2.7 | 6.2 | 5.3 | - | 7.2 |
| West Virginia ........ | 1,450 | 1,444 | 798 | 792 | 759 | 726 | 39 | 66 | 4.9 | 8.3 | 7.3 | - | 9.4 |
| East South Central . | 15,031 | 15,114 | 8,917 | 8,799 | 8,580 | 8,186 | 337 | 613 | 3.8 | 7.0 | 6.6 | - | 7.3 |
| Alabama | 3,866 | 3,882 | 2,237 | 2,230 | 2,169 | 2,099 | 68 | 131 | 3.0 | 5.9 | 4.9 | - | 6.9 |
| Kentucky .... | 3,497 | 3,508 | 2,070 | 2,020 | 1,985 | 1,886 | 86 | 134 | 4.1 | 6.6 | 5.2 | - | 8.1 |
| Mississippi ................. | 2,287 | 2,287 | 1,280 | 1,259 | 1,209 | 1,158 | 71 | 102 | 5.5 | 8.1 | 7.0 | - | 9.2 |
| Tennessee .. | 5,381 | 5,438 | 3,329 | 3,289 | 3,217 | 3,044 | 112 | 246 | 3.4 | 7.5 | 6.4 | - | 8.5 |
| West South Central | 30,892 | 31,281 | 19,368 | 19,263 | 18,669 | 17,828 | 700 | 1,435 | 3.6 | 7.4 | 7.2 | - | 7.7 |
| Arkansas ... | 2,346 | 2,358 | 1,365 | 1,354 | 1,317 | 1,272 | 48 | 82 | 3.5 | 6.1 | 5.2 | - | 6.9 |
| Louisiana . | 3,584 | 3,581 | 2,120 | 2,077 | 2,021 | 1,905 | 99 | 171 | 4.7 | 8.3 | 7.2 | - | 9.3 |
| Oklahoma | 3,031 | 3,053 | 1,846 | 1,848 | 1,788 | 1,735 | 57 | 114 | 3.1 | 6.1 | 5.2 | - | 7.1 |
| Texas | 21,931 | 22,289 | 14,038 | 13,983 | 13,542 | 12,915 | 496 | 1,068 | 3.5 | 7.6 | 7.0 | - | 8.3 |
| West ............... | 61,482 | 61,982 | 38,907 | 38,364 | 37,368 | 34,907 | 1,539 | 3,457 | 4.0 | 9.0 | 8.8 | - | 9.2 |
| Mountain . | 19,372 | 19,727 | 12,514 | 12,528 | 12,054 | 11,570 | 460 | 958 | 3.7 | 7.6 | 7.3 | - | 8.0 |
| Arizona ........................ | 5,728 | 5,860 | 3,539 | 3,570 | 3,367 | 3,288 | 172 | 282 | 4.9 | 7.9 | 6.7 | - | 9.1 |
| Colorado | 4,547 | 4,610 | 3,126 | 3,122 | 3,043 | 2,895 | 83 | 227 | 2.7 | 7.3 | 6.1 | - | 8.5 |
| Idaho .. | 1,370 | 1,406 | 879 | 892 | 855 | 844 | 24 | 48 | 2.8 | 5.4 | 4.5 | - | 6.2 |
| Montana . | 852 | 862 | 537 | 540 | 518 | 508 | 19 | 32 | 3.6 | 5.9 | 5.1 | - | 6.7 |
| Nevada . | 2,433 | 2,481 | 1,566 | 1,531 | 1,505 | 1,334 | 61 | 196 | 3.9 | 12.8 | 11.1 | - |  |
| New Mexico | 1,642 | 1,653 | 960 | 943 | 912 | 864 | 48 | 79 | 5.0 | 8.4 | 7.5 | - | 9.3 |
| Utah ............................... | 2,350 | 2,400 | 1,609 | 1,632 | 1,569 | 1,556 | 41 | 76 | 2.5 | 4.7 | 4.0 | - | 5.4 |
| Wyoming .......... | 451 | 454 | 296 | 297 | 285 | 279 | 11 | 17 | 3.7 | 5.8 | 5.0 | - | 6.7 |
| Pacific ............................... | 42,110 | 42,255 | 26,393 | 25,836 | 25,314 | 23,337 | 1,079 | 2,499 | 4.1 | 9.7 | 9.4 | - |  |
| Alaska .. | 546 | 546 | 354 | 347 | 335 | 320 | 19 | 27 | 5.4 | 7.8 | 6.6 | - | 9.1 |
| California ........... | 31,043 | 31,084 | 19,354 | 18,821 | 18,551 | 16,913 | 803 | 1,908 | 4.2 | 10.1 | 9.6 | - | 10.7 |
| Hawaii | 1,091 | 1,086 | 669 | 648 | 653 | 573 | 16 | 75 | 2.5 | 11.6 | 10.1 | - | 13.1 |
| Oregon .................... | 3,409 | 3,441 | 2,107 | 2,105 | 2,029 | 1,945 | 78 | 159 | 3.7 | 7.6 | 6.5 | - | 8.6 |
| Washington ................ | 6,021 | 6,099 | 3,909 | 3,915 | 3,747 | 3,586 | 162 | 329 | 4.1 | 8.4 | 7.4 | - | 9.4 |

${ }^{1}$ Error ranges are shown at the 90 -percent confidence level and are based on unrounded data.
unrounded levels. Data for subnational areas reflect revised population controls and model NOTE: Data refer to place of residence. Unemployment rates are in percent and are based on
re-estimation. As a result, they will not add to U.S. totals.

Table 2. Employment-population ratios of persons 16 years of age and over by region, division, and state, 2019-20 annual averages
(Percent)

| Region, division, and state | Employment-population ratio ${ }^{1}$ |  | Over-the-year change | Error range of ratio, $2020^{2}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2019 | 2020 |  |  |  |  |
| United States | 60.8 | 56.8 | -4.0 | 56.6 | - | 56.9 |
| Northeast. | 61.0 | 56.4 | -4.6 | 56.0 | - | 56.8 |
| New England | 64.5 | 59.3 | -5.2 | 58.6 | - | 60.0 |
| Connecticut | 64.1 | 59.8 | -4.3 | 58.2 | - | 61.4 |
| Maine .. | 60.9 | 57.2 | -3.7 | 55.3 | - | 59.2 |
| Massachusetts ............................................ | 65.1 | 59.0 | -6.1 | 57.9 | - | 60.2 |
| New Hampshire | 67.1 | 62.9 | -4.2 | 61.6 | - | 64.2 |
| Rhode Island | 62.4 | 56.8 | -5.6 | 55.0 | - | 58.6 |
| Vermont ......................................................... | 64.9 | 60.1 | -4.8 | 58.7 | - | 61.5 |
| Middle Atlantic ..................................................... | 59.7 | 55.3 | -4.4 | 54.8 | - | 55.9 |
| New Jersey . | 61.7 | 57.3 | -4.4 | 56.0 | - | 58.6 |
| New York | 58.4 | 53.7 | -4.7 | 52.8 | - | 54.5 |
| Pennsylvania. | 60.4 | 56.5 | -3.9 | 55.4 | - | 57.6 |
| Midwest | 62.8 | 59.1 | -3.7 | 58.7 | - | 59.5 |
| East North Central .............................................. | 61.4 | 57.2 | -4.2 | 56.7 | - | 57.8 |
| Illinois | 61.9 | 56.8 | -5.1 | 55.4 | - | 58.2 |
| Indiana | 62.4 | 58.5 | -3.9 | 57.1 | - | 59.8 |
| Michigan | 59.4 | 54.6 | -4.8 | 53.1 | - | 56.0 |
| Ohio | 60.6 | 57.1 | -3.5 | 55.9 | - | 58.3 |
| Wisconsin | 64.6 | 61.7 | -2.9 | 60.3 | - | 63.2 |
| West North Central .......................................... | 65.8 | 63.2 | -2.6 | 62.5 | - | 63.8 |
| lowa ............................................................ | 68.2 | 63.7 | -4.5 | 62.2 | - | 65.2 |
| Kansas ..... | 64.9 | 63.1 | -1.8 | 61.6 | - | 64.5 |
| Minnesota | 67.7 | 65.3 | -2.4 | 63.7 | - | 66.8 |
| Missouri | 61.9 | 59.3 | -2.6 | 57.7 | - | 60.9 |
| Nebraska | 68.2 | 66.7 | -1.5 | 65.3 | - | 68.0 |
| North Dakota | 68.5 | 66.0 | -2.5 | 64.2 | - | 67.8 |
| South Dakota | 66.7 | 65.0 | -1.7 | 63.0 | - | 66.9 |
| South | 59.6 | 56.0 | -3.6 | 55.7 | - | 56.3 |
| South Atlantic | 59.8 | 55.9 | -3.9 | 55.4 | - | 56.3 |
| Delaware | 60.2 | 56.5 | -3.7 | 54.6 | - | 58.3 |
| District of Columbia ....................................... | 67.6 | 64.6 | -3.0 | 63.1 | - | 66.0 |
| Florida | 57.4 | 52.9 | -4.5 | 51.9 | - | 53.9 |
| Georgia | 60.5 | 57.1 | -3.4 | 55.9 | - | 58.4 |
| Maryland | 66.2 | 62.0 | -4.2 | 60.5 | - | 63.5 |
| North Carolina | 59.2 | 54.9 | -4.3 | 53.7 | - | 56.1 |
| South Carolina | 56.6 | 54.2 | -2.4 | 52.9 | - | 55.5 |
| Virginia ... | 64.5 | 60.6 | -3.9 | 59.3 | - | 61.9 |
| West Virginia | 52.4 | 50.3 | -2.1 | 48.6 | - | 52.0 |
| East South Central | 57.1 | 54.2 | -2.9 | 53.4 | - | 54.9 |
| Alabama | 56.1 | 54.1 | -2.0 | 52.5 | - | 55.7 |
| Kentucky | 56.7 | 53.8 | -2.9 | 52.0 | - | 55.5 |
| Mississippi | 52.9 | 50.6 | -2.3 | 49.2 | - | 52.0 |
| Tennessee | 59.8 | 56.0 | -3.8 | 54.4 | - | 57.5 |
| West South Central. | 60.4 | 57.0 | -3.4 | 56.5 | - | 57.5 |
| Arkansas | 56.2 | 53.9 | -2.3 | 52.5 | - | 55.4 |
| Louisiana .. | 56.4 | 53.2 | -3.2 | 51.8 | - | 54.6 |
| Oklahoma. | 59.0 | 56.8 | -2.2 | 55.4 | - | 58.3 |
| Texas. | 61.7 | 57.9 | -3.8 | 57.1 | - | 58.8 |
| West | 60.8 | 56.3 | -4.5 | 55.9 | - | 56.7 |
| Mountain | 62.2 | 58.6 | -3.6 | 58.0 | - | 59.3 |
| Arizona | 58.8 | 56.1 | -2.7 | 54.7 | - | 57.6 |
| Colorado | 66.9 | 62.8 | -4.1 | 61.2 | - | 64.4 |
| Idaho | 62.4 | 60.0 | -2.4 | 58.6 | - | 61.4 |
| Montana ..... | 60.8 | 59.0 | -1.8 | 57.6 | - | 60.4 |
| Nevada | 61.9 | 53.8 | -8.1 | 52.0 | - | 55.6 |
| New Mexico | 55.5 | 52.3 | -3.2 | 50.8 | - | 53.7 |
| Utah | 66.8 | 64.8 | -2.0 | 63.3 | - | 66.4 |
| Wyoming | 63.2 | 61.5 | -1.7 | 60.0 | - | 63.0 |
| Pacific | 60.1 | 55.2 | -4.9 | 54.8 | - | 55.7 |
| Alaska | 61.3 | 58.7 | -2.6 | 57.0 | - | 60.4 |
| California | 59.8 | 54.4 | -5.4 | 53.7 | - | 55.1 |
| Hawaii . | 59.8 | 52.7 | -7.1 | 51.1 | - | 54.3 |
| Oregon. | 59.5 | 56.5 | -3.0 | 54.9 | - | 58.1 |
| Washington ....................................................... | 62.2 | 58.8 | -3.4 | 57.2 | - | 60.4 |

${ }^{1}$ Employment as a percent of the civilian noninstitutional population 16 years of age and over.
2 Error ranges are shown at the 90-percent confidence level and ar
based on unrounded data.

NOTE: Data refer to place of residence. Employment-population ratios are based on unrounded levels. Data for subnational areas reflect revised population controls and model re-estimation.

## Map 1. Over-the-year change in unemployment rates by state, 2019-20 annual averages



## Map 2. Unemployment rates by state, 2020 annual averages

(U.S. rate $=8.1$ percent)


## Map 3. Employment-population ratios by state, 2020 annual averages

(U.S. ratio $=56.8$ percent)



[^0]:    ${ }^{1}$ All state series begin in 1976.

