# NEWS RELEASE 

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## Regional and State Unemployment - 2016 Annual Averages

Annual average unemployment rates decreased in 38 states and the District of Columbia, increased in 9 states, and were unchanged in 3 states in 2016, the U.S. Bureau of Labor Statistics reported today. Employment-population ratios increased in 36 states and the District, decreased in 12 states, and were unchanged in 2 states. The U.S. jobless rate declined by 0.4 percentage point from the prior year to 4.9 percent, and the national employment-population ratio rose by 0.4 point to 59.7 percent.

## Regional Unemployment

All four regions had statistically significant unemployment rate decreases from 2015: the West (-0.6 percentage point), Northeast ( -0.5 point), South ( -0.4 point), and Midwest ( -0.1 point). The Midwest, at 4.7 percent, had the only jobless rate significantly lower than that of the U.S. in 2016, while the West, at 5.1 percent, had the only rate significantly above the national figure. (See table 1.)

Six of the 9 geographic divisions had statistically significant over-the-year unemployment rate changes in 2016, all of which were declines. The largest of these occurred in New England (-0.8 percentage point) and the Pacific and South Atlantic (-0.7 point each). The West North Central had the lowest jobless rate among the divisions, 3.9 percent. New England, at 4.1 percent, and the Mountain division, at 4.6 percent, also had rates significantly below the U.S. average. The East South Central and Pacific, at 5.3 percent each, had unemployment rates that were measurably higher than that of the U.S.

## State Unemployment

Twenty-seven states and the District of Columbia had statistically significant unemployment rate decreases in 2016. The largest declines occurred in Massachusetts and South Carolina (-1.2 percentage points each), closely followed by Arkansas and Nevada (-1.1 points each). Three states had significant over-the-year rate increases: Wyoming ( +1.1 percentage points), Oklahoma ( +0.5 point), and North Dakota ( +0.4 point). The remaining 20 states had annual average jobless rates in 2016 that were not appreciably different from those of the previous year, though some had changes that were at least as large numerically as the significant changes. (See table A and map 1.)

New Hampshire and South Dakota had the lowest unemployment rates, 2.8 percent each in 2016. New Mexico and Alaska had the highest jobless rates, 6.7 percent and 6.6 percent, respectively. Overall, 19 states had unemployment rates that were significantly lower than the U.S. figure of 4.9 percent, while 12 states and the District of Columbia had rates measurably above it. Arkansas had the lowest unemployment rate in its series in 2016, 4.0 percent, while Oregon matched its series low of 4.9 percent, last recorded in 1995. (All region, division, and state series begin in 1976. See table B and map 2.)

## Regional Employment-Population Ratios

In 2016, three regions had statistically significant changes in their employment-population ratios-the proportion of the civilian noninstitutional population 16 years of age and over who are employed-all of which were increases. These occurred in the West (+0.5 percentage point) and the Midwest and South (+0.4 point each). The Midwest had the highest ratio, 62.2 percent, while the South, at 58.3 percent, had the lowest. These two regions had the only ratios that were significantly different from the national figure of 59.7 percent. (See table 2.)

Among the nine geographic divisions, all of the significant changes in employment-population ratios from 2015 to 2016 were increases: the East South Central (+0.7 percentage point) and the East North Central, Pacific, and South Atlantic ( +0.6 point each). The division with the highest employment-population ratio in 2016 was the West North Central, at 65.4 percent, followed by New England, at 62.7 percent. These two divisions, along with the East North Central and Mountain, at 60.8 percent and 60.5 percent, respectively, had employment-population ratios measurably above that of the U.S. The East South Central had the lowest proportion of employed persons, 55.0 percent. The ratios in the South Atlantic ( 58.6 percent), Middle Atlantic (59.0 percent), and Pacific ( 59.2 percent) also were appreciably below the national average.

## State Employment-Population Ratios

In 2016, the largest employment-population ratio increases among the states occurred in Oregon ( +1.5 percentage points) and Georgia ( +1.1 points). Twelve other states also had statistically significant increases in their ratios. Three states had significant over-the-year decreases in their employment-population ratios: Louisiana and Wyoming ( -1.2 percentage points each) and Nebraska (-0.4 point). (See table C.)

North Dakota had the highest proportion of employed persons, 69.2 percent in 2016. Four other states in the West North Central division had the next highest ratios: Nebraska, 67.3 percent; Iowa and South Dakota, 67.0 percent each; and Minnesota, 66.8 percent. West Virginia had the lowest employment-population ratio among the states, 50.0 percent. (West Virginia has had the lowest employment-population ratio each year since the series began in 1976.) Overall, 24 states and the District of Columbia had employment-population ratios that were significantly above the U.S. ratio of 59.7 percent and 16 states had ratios that were appreciably below it. Alaska and New Mexico, at 61.7 percent and 53.7 percent, respectively, had the lowest employmentpopulation ratios in their series in 2016. (See table D and map 3.)

The State Employment and Unemployment news release for January 2017 is scheduled to be released on Monday, March 13, 2017, at 10:00 a.m. (EDT). The Metropolitan Area Employment and Unemployment news release for January 2017 is scheduled to be released on Friday, March 17, 2017, at 10:00 a.m. (EDT).

Table A. States with statistically significant unemployment rate changes, 2015-16 annual averages

| State | Rate |  | Over-the-year rate change |
| :---: | :---: | :---: | :---: |
|  | 2015 | 2016 |  |
| Arizona | 6.0 | 5.3 | -0.7 |
| Arkansas | 5.1 | 4.0 | -1.1 |
| California | 6.2 | 5.4 | -. 8 |
| Colorado | 3.9 | 3.3 | -. 6 |
| Connecticut | 5.7 | 5.1 | -. 6 |
| District of Columbia | 6.9 | 6.0 | -. 9 |
| Florida | 5.4 | 4.9 | -. 5 |
| Georgia | 6.0 | 5.4 | -. 6 |
| Hawaii .. | 3.6 | 3.0 | -. 6 |
| Idaho | 4.2 | 3.8 | -. 4 |
| Maine | 4.4 | 3.9 | -. 5 |
| Maryland | 5.1 | 4.3 | -. 8 |
| Massachusetts | 4.9 | 3.7 | -1.2 |
| Michigan | 5.4 | 4.9 | -. 5 |
| Mississippi | 6.4 | 5.8 | -. 6 |
| Missouri | 5.0 | 4.5 | -. 5 |
| Nevada | 6.8 | 5.7 | -1.1 |
| New Hampshire | 3.4 | 2.8 | -. 6 |
| New Jersey | 5.8 | 5.0 | -. 8 |
| New York | 5.3 | 4.8 | -. 5 |
| North Carolina | 5.8 | 5.1 | -. 7 |
| North Dakota | 2.8 | 3.2 | . 4 |
| Oklahoma . | 4.4 | 4.9 | . 5 |
| Oregon .... | 5.6 | 4.9 | -. 7 |
| Rhode Island | 6.0 | 5.3 | -. 7 |
| South Carolina | 6.0 | 4.8 | -1.2 |
| Tennessee | 5.6 | 4.8 | -. 8 |
| Vermont | 3.6 | 3.3 | -. 3 |
| Virginia | 4.5 | 4.0 | -. 5 |
| West Virginia | 6.8 | 6.0 | -. 8 |
| Wyoming | 4.2 | 5.3 | 1.1 |

Table B. States with unemployment rates significantly different from that of the U.S., 2016 annual averages

| State | Rate |
| :---: | :---: |
| United States ............................................. | 4.9 |
| Alabama | 6.0 |
| Alaska | 6.6 |
| Arkansas | 4.0 |
| California | 5.4 |
| Colorado | 3.3 |
| District of Columbia . | 6.0 |
| Georgia | 5.4 |
| Hawaii | 3.0 |
| Idaho | 3.8 |
| Illinois ....................................................... | 5.9 |
| lowa | 3.7 |
| Kansas | 4.2 |
| Louisiana | 6.1 |
| Maine | 3.9 |
| Maryland | 4.3 |
| Massachusetts | 3.7 |
| Minnesota | 3.9 |
| Mississippi | 5.8 |
| Montana | 4.1 |
| Nebraska | 3.2 |
| Nevada | 5.7 |
| New Hampshire | 2.8 |
| New Mexico | 6.7 |
| North Dakota | 3.2 |
| Pennsylvania | 5.4 |
| South Dakota | 2.8 |
| Utah | 3.4 |
| Vermont | 3.3 |
| Virginia | 4.0 |
| Washington | 5.4 |
| West Virginia | 6.0 |
| Wisconsin ................................................ | 4.1 |

Table C. States with statistically significant employment-population ratio changes, 2015-16 annual averages

| State | Ratio |  | Over-the-year ratio change |
| :---: | :---: | :---: | :---: |
|  | 2015 | 2016 |  |
| Arkansas | 55.1 | 55.8 | 0.7 |
| California | 58.3 | 58.9 | . 6 |
| Florida | 55.8 | 56.3 | . 5 |
| Georgia | 57.9 | 59.0 | 1.1 |
| Hawaii ................................... | 59.8 | 60.8 | 1.0 |
| Indiana ................................ | 60.8 | 61.8 | 1.0 |
| Louisiana | 56.7 | 55.5 | -1.2 |
| Maryland | 63.5 | 64.2 | . 7 |
| Michigan ................................ | 57.2 | 58.2 | 1.0 |
| Nebraska ............................. | 67.7 | 67.3 | -. 4 |
| New Hampshire ..................... | 66.2 | 66.7 | . 5 |
| North Carolina ....................... | 57.7 | 58.7 | 1.0 |
| Oregon .................... | 58.0 | 59.5 | 1.5 |
| South Carolina | 55.8 | 56.3 | . 5 |
| Tennessee | 56.2 | 57.2 | 1.0 |
| Washington ........................... | 59.6 | 60.2 | . 6 |
| Wyoming .............................. | 64.7 | 63.5 | -1.2 |

Table D. States with employment-population ratios significantly different from that of the U.S., 2016 annual averages

| State | Ratio |
| :---: | :---: |
| United States ......... | 59.7 |
| Alabama | 53.4 |
| Alaska | 61.7 |
| Arizona | 57.1 |
| Arkansas | 55.8 |
| California | 58.9 |
| Colorado | 64.7 |
| Connecticut | 62.6 |
| District of Columbia | 65.9 |
| Florida | 56.3 |
| Idaho | 61.5 |
| Illinois | 61.4 |
| Indiana | 61.8 |
| lowa | 67.0 |
| Kansas | 64.3 |
| Kentucky | 54.7 |
| Louisiana | 55.5 |
| Maryland | 64.2 |
| Massachusetts | 62.5 |
| Michigan . | 58.2 |
| Minnesota | 66.8 |
| Mississippi | 52.8 |
| Missouri | 62.4 |
| Montana | 61.2 |
| Nebraska | 67.3 |
| New Hampshire | 66.7 |
| New Mexico | 53.7 |
| New York | 57.7 |
| North Carolina | 58.7 |
| North Dakota | 69.2 |
| Oklahoma | 58.2 |
| Rhode Island | 61.0 |
| South Carolina | 56.3 |
| South Dakota | 67.0 |
| Tennessee | 57.2 |
| Texas | 60.7 |
| Utah | 66.4 |
| Vermont | 64.8 |
| Virginia .. | 62.2 |
| West Virginia | 50.0 |
| Wisconsin | 65.4 |
| Wyoming | 63.5 |

## Technical Note

This 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 model-based 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. Estimates for Puerto Rico are derived from a monthly household survey similar to the CPS. 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).

## 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. The introductory section of this release preserves the long-time practice of highlighting the direction of the movements in regional and state unemployment rates and employment-population ratios regardless of their statistical significance. The remainder of the analysis
in the release-other than historical highs and lowstakes statistical significance into consideration. 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 0.4 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 0.6 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, 2015-16 annual averages
(Numbers in thousands)

| Region, division, and state | Population |  | Civilian labor force |  | Employed |  | Unemployed |  | Unemployment rate |  | Error range of rate,$2016^{1}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 | 2016 | 2015 | 2016 | 2015 | 2016 | 2015 | 2016 | 2015 | 2016 |  |  |  |
| United States ...... | 250,801 | 253,538 | 157,130 | 159,187 | 148,834 | 151,436 | 8,296 | 7,751 | 5.3 | 4.9 | 4.8 | - | 4.9 |
| Northeast ................ | 44,981 | 45,097 | 28,342 | 28,397 | 26,850 | 27,041 | 1,493 | 1,357 | 5.3 | 4.8 | 4.6 | - | 4.9 |
| New England . | 11,905 | 11,956 | 7,795 | 7,817 | 7,412 | 7,499 | 383 | 317 | 4.9 | 4.1 | 3.8 | - | 4.3 |
| Connecticut ........ | 2,868 | 2,870 | 1,891 | 1,892 | 1,782 | 1,796 | 108 | 96 | 5.7 | 5.1 | 4.5 | - | 5.7 |
| Maine | 1,092 | 1,095 | 683 | 691 | 653 | 664 | 30 | 27 | 4.4 | 3.9 | 3.3 | - | 4.4 |
| Massachusetts ...... | 5,492 | 5,528 | 3,580 | 3,589 | 3,406 | 3,456 | 174 | 133 | 4.9 | 3.7 | 3.3 | - | 4.1 |
| New Hampshire . | 1,083 | 1,090 | 743 | 749 | 718 | 727 | 25 | 21 | 3.4 | 2.8 | 2.5 | - | 3.2 |
| Rhode Island ................... | 855 | 857 | 554 | 552 | 520 | 523 | 33 | 29 | 6.0 | 5.3 | 4.7 | - | 6.0 |
| Vermont. | 515 | 515 | 345 | 345 | 333 | 334 | 12 | 11 | 3.6 | 3.3 | 2.9 | - | 3.6 |
| Middle Atlantic. | 33,076 | 33,141 | 20,548 | 20,581 | 19,438 | 19,541 | 1,110 | 1,039 | 5.4 | 5.1 | 4.8 | - | 5.3 |
| New Jersey ....... | 7,068 | 7,092 | 4,531 | 4,524 | 4,268 | 4,300 | 263 | 224 | 5.8 | 5.0 | 4.5 | - | 5.4 |
| New York ........... | 15,788 | 15,818 | 9,591 | 9,584 | 9,085 | 9,121 | 507 | 463 | 5.3 | 4.8 | 4.5 | - | 5.1 |
| Pennsylvania ........ | 10,220 | 10,231 | 6,426 | 6,472 | 6,085 | 6,120 | 341 | 352 | 5.3 | 5.4 | 5.1 | - | 5.8 |
| Midwest ....... | 53,020 | 53,207 | 34,460 | 34,714 | 32,790 | 33,093 | 1,671 | 1,621 | 4.8 | 4.7 | 4.5 | - | 4.8 |
| East North Central ..... | 36,689 | 36,783 | 23,323 | 23,536 | 22,101 | 22,356 | 1,222 | 1,180 | 5.2 | 5.0 | 4.8 | - | 5.2 |
| Illinois ......... | 10,035 | 10,031 | 6,507 | 6,539 | 6,121 | 6,155 | 386 | 384 | 5.9 | 5.9 | 5.5 | - | 6.3 |
| Indiana ........ | 5,118 | 5,145 | 3,272 | 3,327 | 3,114 | 3,180 | 158 | 147 | 4.8 | 4.4 | 4.0 | - | 4.9 |
| Michigan ........................ | 7,870 | 7,896 | 4,757 | 4,837 | 4,500 | 4,599 | 257 | 238 | 5.4 | 4.9 | 4.5 | - | 5.4 |
| Ohio ........... | 9,115 | 9,140 | 5,692 | 5,713 | 5,413 | 5,431 | 279 | 282 | 4.9 | 4.9 | 4.5 | - | 5.3 |
| Wisconsin ....................... | 4,551 | 4,571 | 3,095 | 3,120 | 2,954 | 2,991 | 141 | 129 | 4.6 | 4.1 | 3.7 | - | 4.6 |
| West North Central ........ | 16,331 | 16,424 | 11,138 | 11,178 | 10,688 | 10,737 | 449 | 441 | 4.0 | 3.9 | 3.7 | - | 4.2 |
| lowa ............ | 2,432 | 2,445 | 1,703 | 1,701 | 1,638 | 1,638 | 65 | 62 | 3.8 | 3.7 | 3.2 | - | 4.1 |
| Kansas . | 2,203 | 2,211 | 1,489 | 1,484 | 1,427 | 1,422 | 62 | 62 | 4.2 | 4.2 | 3.7 | - | 4.6 |
| Minnesota . | 4,283 | 4,317 | 2,976 | 3,001 | 2,865 | 2,884 | 111 | 117 | 3.7 | 3.9 | 3.5 | - | 4.3 |
| Missouri ............. | 4,736 | 4,758 | 3,097 | 3,112 | 2,942 | 2,971 | 155 | 141 | 5.0 | 4.5 | 4.1 | - | 5.0 |
| Nebraska ........... | 1,443 | 1,454 | 1,008 | 1,011 | 978 | 979 | 31 | 32 | 3.0 | 3.2 | 2.8 | - | 3.6 |
| North Dakota ........ | 581 | 582 | 414 | 416 | 403 | 403 | 12 | 13 | 2.8 | 3.2 | 2.8 | - | 3.5 |
| South Dakota ................. | 651 | 657 | 451 | 453 | 437 | 440 | 14 | 13 | 3.1 | 2.8 | 2.4 | - | 3.2 |
| South ............. | 93,650 | 94,862 | 57,271 | 58,145 | 54,250 | 55,306 | 3,021 | 2,839 | 5.3 | 4.9 | 4.8 | - | 5.0 |
| South Atlantic ............. | 49,652 | 50,338 | 30,441 | 30,992 | 28,774 | 29,493 | 1,667 | 1,499 | 5.5 | 4.8 | 4.7 | - | 5.0 |
| Delaware ........... | 748 | 756 | 467 | 473 | 445 | 452 | 23 | 21 | 4.8 | 4.4 | 3.9 | - | 4.9 |
| District of Columbia .. | 552 | 560 | 387 | 392 | 360 | 369 | 27 | 24 | 6.9 | 6.0 | 5.5 | - | 6.5 |
| Florida .............. | 16,291 | 16,616 | 9,619 | 9,839 | 9,098 | 9,359 | 521 | 480 | 5.4 | 4.9 | 4.6 | - | 5.2 |
| Georgia ........ | 7,774 | 7,886 | 4,787 | 4,920 | 4,502 | 4,656 | 285 | 264 | 6.0 | 5.4 | 4.9 | - | 5.8 |
| Maryland ............ | 4,704 | 4,726 | 3,147 | 3,170 | 2,987 | 3,034 | 161 | 136 | 5.1 | 4.3 | 3.8 | - | 4.7 |
| North Carolina ....... | 7,786 | 7,892 | 4,768 | 4,876 | 4,494 | 4,629 | 274 | 246 | 5.8 | 5.1 | 4.6 | - | 5.5 |
| South Carolina ...... | 3,822 | 3,887 | 2,270 | 2,298 | 2,135 | 2,187 | 136 | 111 | 6.0 | 4.8 | 4.3 | - | 5.3 |
| Virginia .. | 6,497 | 6,542 | 4,212 | 4,240 | 4,024 | 4,070 | 188 | 170 | 4.5 | 4.0 | 3.6 | - | 4.4 |
| West Virginia .................. | 1,478 | 1,472 | 783 | 783 | 730 | 736 | 53 | 47 | 6.8 | 6.0 | 5.5 | - | 6.5 |
| East South Central . | 14,682 | 14,777 | 8,459 | 8,576 | 7,970 | 8,121 | 489 | 455 | 5.8 | 5.3 | 5.0 | - | 5.6 |
| Alabama ..... | 3,800 | 3,816 | 2,152 | 2,169 | 2,021 | 2,039 | 132 | 130 | 6.1 | 6.0 | 5.5 | - | 6.5 |
| Kentucky ... | 3,441 | 3,458 | 1,966 | 1,992 | 1,862 | 1,892 | 104 | 100 | 5.3 | 5.0 | 4.4 | - | 5.6 |
| Mississippi .......... | 2,279 | 2,285 | 1,270 | 1,280 | 1,189 | 1,206 | 81 | 75 | 6.4 | 5.8 | 5.3 | - | 6.4 |
| Tennessee | 5,162 | 5,217 | 3,071 | 3,135 | 2,899 | 2,984 | 172 | 151 | 5.6 | 4.8 | 4.4 | - | 5.3 |
| West South Central ...... | 29,317 | 29,747 | 18,371 | 18,577 | 17,506 | 17,692 | 866 | 885 | 4.7 | 4.8 | 4.6 | - | 5.0 |
| Arkansas.. | 2,298 | 2,311 | 1,333 | 1,343 | 1,265 | 1,289 | 67 | 54 | 5.1 | 4.0 | 3.6 | - | 4.4 |
| Louisiana ..... | 3,570 | 3,587 | 2,161 | 2,121 | 2,024 | 1,992 | 137 | 129 | 6.3 | 6.1 | 5.6 | - | 6.6 |
| Oklahoma .... | 2,970 | 2,988 | 1,834 | 1,828 | 1,753 | 1,739 | 80 | 89 | 4.4 | 4.9 | 4.4 | - | 5.4 |
| Texas ....... | 20,479 | 20,862 | 13,044 | 13,285 | 12,463 | 12,672 | 581 | 613 | 4.5 | 4.6 | 4.4 | - | 4.9 |
| West. | 58,864 | 59,665 | 36,879 | 37,486 | 34,772 | 35,574 | 2,108 | 1,912 | 5.7 | 5.1 | 4.9 | - | 5.3 |
| Mountain | 18,018 | 18,352 | 11,425 | 11,638 | 10,845 | 11,106 | 580 | 532 | 5.1 | 4.6 | 4.3 | - | 4.8 |
| Arizona ....... | 5,267 | 5,374 | 3,165 | 3,238 | 2,974 | 3,066 | 191 | 172 | 6.0 | 5.3 | 4.8 | - | 5.8 |
| Colorado | 4,234 | 4,323 | 2,834 | 2,891 | 2,723 | 2,795 | 111 | 96 | 3.9 | 3.3 | 2.9 | - | 3.7 |
| Idaho ............................. | 1,247 | 1,273 | 797 | 815 | 763 | 783 | 34 | 31 | 4.2 | 3.8 | 3.4 | - | 4.2 |
| Montana ...... | 816 | 824 | 520 | 526 | 498 | 505 | 22 | 22 | 4.2 | 4.1 | 3.8 | - | 4.5 |
| Nevada ....... | 2,249 | 2,297 | 1,415 | 1,427 | 1,318 | 1,346 | 96 | 81 | 6.8 | 5.7 | 5.1 | - | 6.3 |
| New Mexico ..... | 1,604 | 1,610 | 924 | 927 | 863 | 865 | 61 | 62 | 6.6 | 6.7 | 6.2 | - | 7.3 |
| Utah .............................. | 2,148 | 2,200 | 1,466 | 1,511 | 1,413 | 1,460 | 53 | 52 | 3.6 | 3.4 | 3.0 | - | 3.8 |
| Wyoming ....................... | 452 | 451 | 305 | 302 | 292 | 286 | 13 | 16 | 4.2 | 5.3 | 4.8 | - | 5.8 |
| Pacific ............... | 40,846 | 41,313 | 25,454 | 25,848 | 23,926 | 24,467 | 1,528 | 1,380 | 6.0 | 5.3 | 5.1 | - | 5.5 |
| Alaska .. | 542 | 546 | 363 | 360 | 339 | 337 | 23 | 24 | 6.4 | 6.6 | 6.0 | - |  |
| California ..... | 30,379 | 30,669 | 18,893 | 19,103 | 17,723 | 18,065 | 1,170 | 1,038 | 6.2 | 5.4 | 5.2 | - | 5.7 |
| Hawaii | 1,088 | 1,093 | 675 | 685 | 651 | 665 | 24 | 21 | 3.6 | 3.0 | 2.6 | - | 3.4 |
| Oregon ............. | 3,221 | 3,283 | 1,978 | 2,055 | 1,867 | 1,955 | 111 | 100 | 5.6 | 4.9 | 4.4 | - |  |
| Washington .................... | 5,616 | 5,722 | 3,546 | 3,644 | 3,346 | 3,446 | 200 | 198 | 5.6 | 5.4 | 5.0 | - | 5.9 |
| Puerto Rico ......................... | 2,814 | 2,787 | 1,122 | 1,121 | 988 | 989 | 135 | 132 | 12.0 | 11.8 |  | NA |  |

${ }^{1}$ Error ranges are shown at the 90-percent confidence level and are based on unrounded data.
NA = Data not available.
NOTE: Data refer to place of residence. Unemployment rates are in percent and are based on
unrounded levels. Data for subnational areas reflect revised population controls and model re-estimation. As a result, they will not add to U.S. totals. Data for Puerto Rico are derived from a monthly household survey similar to the Current Population Survey.

Table 2. Employment-population ratios of persons 16 years of age and over by region, division, and state, 2015-16 annual averages
(Percent)

| Region, division, and state | Employment-population ratio ${ }^{1}$ |  | Over-the-year change | Error range of ratio,$2016^{2}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 | 2016 |  |  |  |  |
| United States . | 59.3 | 59.7 | 0.4 | 59.5 | - | 59.9 |
| Northeast | 59.7 | 60.0 | . 3 | 59.5 | - | 60.4 |
| New England | 62.3 | 62.7 | . 4 | 62.0 | - | 63.5 |
| Connecticut | 62.1 | 62.6 | . 5 | 61.1 | - | 64.0 |
| Maine .. | 59.8 | 60.7 | . 9 | 59.1 | - | 62.2 |
| Massachusetts .. | 62.0 | 62.5 | . 5 | 61.5 | - | 63.6 |
| New Hampshire | 66.2 | 66.7 | . 5 | 65.7 | - | 67.8 |
| Rhode Island . | 60.9 | 61.0 | . 1 | 59.8 | - | 62.2 |
| Vermont. | 64.7 | 64.8 | . 1 | 63.5 | - | 66.0 |
| Middle Atlantic. | 58.8 | 59.0 | . 2 | 58.4 | - | 59.5 |
| New Jersey . | 60.4 | 60.6 | . 2 | 59.7 | - | 61.5 |
| New York .. | 57.5 | 57.7 | . 2 | 56.9 | - | 58.5 |
| Pennsylvania | 59.5 | 59.8 | . 3 | 59.1 | - | 60.6 |
| Midwest .. | 61.8 | 62.2 | . 4 | 61.8 | - | 62.6 |
| East North Central | 60.2 | 60.8 | . 6 | 60.2 | - | 61.3 |
| Illinois. | 61.0 | 61.4 | . 4 | 60.5 | - | 62.2 |
| Indiana | 60.8 | 61.8 | 1.0 | 60.6 | - | 63.0 |
| Michigan . | 57.2 | 58.2 | 1.0 | 57.2 | - | 59.3 |
| Ohio | 59.4 | 59.4 | . 0 | 58.4 | - | 60.4 |
| Wisconsin | 64.9 | 65.4 | . 5 | 64.1 | - | 66.8 |
| West North Central ..... | 65.4 | 65.4 | . 0 | 64.7 | - | 66.1 |
| lowa. | 67.3 | 67.0 | -. 3 | 65.6 | - | 68.4 |
| Kansas ..... | 64.8 | 64.3 | -. 5 | 63.0 | - | 65.6 |
| Minnesota | 66.9 | 66.8 | -. 1 | 65.7 | - | 67.9 |
| Missouri | 62.1 | 62.4 | . 3 | 61.1 | - | 63.8 |
| Nebraska | 67.7 | 67.3 | -. 4 | 66.3 | - | 68.3 |
| North Dakota | 69.3 | 69.2 | -. 1 | 67.8 | - | 70.6 |
| South Dakota | 67.1 | 67.0 | -. 1 | 65.8 | - | 68.3 |
| South | 57.9 | 58.3 | . 4 | 58.0 | - | 58.6 |
| South Atlantic . | 58.0 | 58.6 | . 6 | 58.2 | - | 59.0 |
| Delaware. | 59.5 | 59.8 | . 3 | 58.5 | - | 61.1 |
| District of Columbia | 65.3 | 65.9 | . 6 | 64.8 | - | 66.9 |
| Florida | 55.8 | 56.3 | . 5 | 55.6 | - | 57.0 |
| Georgia | 57.9 | 59.0 | 1.1 | 58.2 | - | 59.9 |
| Maryland ... | 63.5 | 64.2 | . 7 | 63.2 | - | 65.2 |
| North Carolina | 57.7 | 58.7 | 1.0 | 57.7 | - | 59.6 |
| South Carolina | 55.8 | 56.3 | . 5 | 55.4 | - | 57.1 |
| Virginia . | 61.9 | 62.2 | . 3 | 61.0 | - | 63.4 |
| West Virginia | 49.4 | 50.0 | . 6 | 48.7 | - | 51.3 |
| East South Central .. | 54.3 | 55.0 | . 7 | 54.2 | - | 55.7 |
| Alabama | 53.2 | 53.4 | . 2 | 52.3 | - | 54.5 |
| Kentucky . | 54.1 | 54.7 | . 6 | 53.3 | - | 56.1 |
| Mississippi | 52.2 | 52.8 | . 6 | 51.5 | - | 54.0 |
| Tennessee . | 56.2 | 57.2 | 1.0 | 56.0 | - | 58.4 |
| West South Central . | 59.7 | 59.5 | -. 2 | 58.9 | - | 60.1 |
| Arkansas . | 55.1 | 55.8 | . 7 | 54.7 | - | 56.9 |
| Louisiana | 56.7 | 55.5 | -1.2 | 54.5 | - | 56.5 |
| Oklahoma | 59.0 | 58.2 | -. 8 | 56.9 | - | 59.5 |
| Texas ........ | 60.9 | 60.7 | -. 2 | 60.1 | - | 61.4 |
| West ....... | 59.1 | 59.6 | . 5 | 59.3 | - | 60.0 |
| Mountain | 60.2 | 60.5 | . 3 | 59.9 | - | 61.2 |
| Arizona | 56.5 | 57.1 | . 6 | 55.9 | - | 58.3 |
| Colorado | 64.3 | 64.7 | . 4 | 63.2 | - | 66.1 |
| Idaho ... | 61.2 | 61.5 | . 3 | 60.3 | - | 62.8 |
| Montana | 61.1 | 61.2 | . 1 | 60.1 | - | 62.4 |
| Nevada | 58.6 | 58.6 | . 0 | 57.4 | - | 59.8 |
| New Mexico | 53.8 | 53.7 | -. 1 | 52.6 | - | 54.9 |
| Utah .... | 65.8 | 66.4 | . 6 | 65.2 | - | 67.5 |
| Wyoming .... | 64.7 | 63.5 | -1.2 | 62.0 | - | 64.9 |
| Pacific... | 58.6 | 59.2 | . 6 | 58.8 | - | 59.6 |
| Alaska | 62.6 | 61.7 | -. 9 | 59.8 | - | 63.6 |
| California . | 58.3 | 58.9 | . 6 | 58.4 | - | 59.4 |
| Hawaii. | 59.8 | 60.8 | 1.0 | 59.7 | - | 61.9 |
| Oregon. | 58.0 | 59.5 | 1.5 | 58.4 | - | 60.7 |
| Washington ................................. | 59.6 | 60.2 | . 6 | 59.2 | - | 61.2 |
| Puerto Rico | 35.1 | 35.5 | . 4 |  | NA |  |

${ }^{1}$ 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 are based on unrounded data NA = Data not available

NOTE: Data refer to place of residence. Employment-population NOTE: Data refer to place of residence. Employment-population
ratios are based on unrounded levels. Data for subnational areas ratios are based on unrounded levels. Data for subnational areas
reflect revised population controls and model re-estimation. Data fo reflect revised population controls and model re-estimation. Data for
Puerto Rico are derived from a monthly household survey similar to the Current Population Survey.

## Map 1. Over-the-year change in unemployment rates by state, 2016 annual averages

(U.S. change $=-0.4$ percentage point)


## Map 2. Unemployment rates by state, 2016 annual averages

$$
\text { (U.S. rate = } 4.9 \text { percent) }
$$



## Map 3. Employment-population ratios by state, 2016 annual averages

(U.S. ratio $=59.7$ percent)


