

## December 2018

Bill Haslam Governor

## The Labor Market Repor <br> The Impact of the Government Shutdown

The government's partial shutdown began on December 22, 2018. The shutdown ended and the federal government workers returned on January $28^{\text {th }}$. Government employees, considered essential, worked without pay and nonessential employees were furloughed and not paid. The essential and nonessential employees will be paid during the time of the shutdown. Assuming this is the only government shutdown this year, the following article is an estimate of the costs of this 35 day shutdown.

A budgetary appropriation of $\$ 5.7$ billion dollars for a southern border wall was the major reason for this shutdown. The economic cost of the partial government shutdown will probably be greater than the requested appropriation, according to an analysis from Standard and Poor's (S\&P) Global Ratings.

In 2017, S\&P estimated that a full government shutdown would cost the U.S. economy about $\$ 6.5$ billion per week. This partial shutdown affects only about a quarter of government spending and a little under half of all federal employees. This would be 1.625 billion dollar per week or 11.375 billion dollars during the 35 day shutdown. After January $25^{\text {th }}$, the Office of Management and Budget estimated that 2.7 billion dollars will be permanently lost revenue. Some of the other costs can be recovered.

The White House Council of Economic Advisors says that the shutdown "should not have a long-run effect on GDP growth." The council has offered two estimates of what the short term costs could be.

A rule of thumb is every two weeks of a shutdown cuts 0.1 percent from real GDP. The most recent government figures put the economy at $\$ 20.65$
trillion, which would cause a hit on the economy of about $\$ 4$ million an hour.

The estimate was later updated to a decline of . 26 percent every two weeks. That would raise the short term economic cost to about $\$ 10$ million an hour.

Federal taxes are 17 percent of GDP so that $\$ 10$ million an hour translates into about $\$ 1.7$ million less in taxes for each hour of the shutdown.

To bring the pieces together, between paying for work not done and lost revenues, a conservative estimate is that the shutdown costs Washington at least $\$ 12$ million per hour. This equates to $\$ 3.36$ billion dollars ( $\$ 12$ million x $8 \mathrm{hrs} /$ day x 35 days). An analysis from S\&P released on January 11 reported that the shutdown, at that point, had cost the U.S. economy $\$ 3.6$ billion. The shutdown lasted an additional 10 working days.

There are ripple effects through the wider economy caused by the shutdown. Contractors that do business with the government aren't getting paid and therefore neither are their workers. Contractors may have reduced their workforces. While federal workers will be paid once the shutdown ends, contract workers won't. Some workers who will receive back pay are, for the time being, taking out new loans or struggling to pay their mortgages, credit cards, or rent.

Furloughed employees at the Securities and Exchange Commission caused a slowdown in initial public offerings. This means companies that were expected to go public at the start of the year have had to postpone those stock offerings. Closed national parks, museums, and monuments (Continued on Next Page)

## How Much Did the Shutdown Really Cost

mean canceled vacations. All these decreases affect the income of the employees and their ability to buy food, gas, and other essentials that also effect the economy.

While the amount is not clear, the federal government is likely to owe interest penalties on late payments to states if payments are not distributed in a timely manner. The Prompt Payment Act requires that the government pay its bills within 30 days. The Cash Management Improvement Act requires that grants and funds for financial assistance programs be provided to the states on time.

## Companies that are Helping

The following is a short list of some of the companies helping the unpaid workers.

Delta Air Lines Foundation granted monies to the National Park Service to open MLK National Historical Park from January 19 thru February 3. Additional support to the National Parks Foundation has come from REI ( $\$ 250,000$ for parks recreation); Burt's Bees and North Face (both made a \$50,000 donation); Nestle Waters and Keep America Beautiful are mobilizing volunteers to clean up national parks. Airbnb's has a new 'A Night On Us' program for all Federal executive branch employees who share their home for three nights through March 18, 2019. Kraft opened a grocery store pop-up in Washington, D.C. to support a "Kraft Now Pay Later". This helps federal government workers stock up on food staples.

Banks and financial institutions are helping federal employees. They include Chase and Wells Fargo who are reversing monthly fees and overdraft charges; Toyota is offering extensions on car loans and leases; and PayPal is offering a $\$ 500$ interest-free cash advance. Launch Federal Credit Union, Bank of America, U.S. Bank, Quicken Loans, and Huntington Bank are waiving fees or offering low-interest loans and/or loan modifications. USAA has made a $\$ 15$ million donation to Coast Guard Mutual Assistance to disburse inter-est-free loans to Coast Guard personnel.

Some restaurants and food service companies are helping feed these workers. They include Fazoli's, Twisted Trompo, A.C. Iron Room, C-View Inn (to Coast Guard families), Baked by Yael, and Great Harvest Food Company. Chef Jose Andres is of-
fering free sandwiches for lunch at all of his D.C. restaurants. T-Mobile, AT\&T, and Verizon are offering flexible payments.

## After the Shutdown Ends

According to the Office of Management and Budget (OMB) the U.S. economy will suffer a permanent $\$ 3$ billion hit as a result of the partial government shutdown. That estimate has been reduced as employees returned to work. This in large part is due to lost economic activity by impacted federal employees.

More immediate effects will be much more severe, with the economy seeing $\$ 11$ billion in lost productivity in the fourth quarter of 2018 and the first quarter of 2019. The OMB does not have an estimate for this shutdown's cost to employee morale.

In the end, a malfunctioning unreliable government undermines confidence, pushes citizens and businesses to take costly measures to protect themselves against added uncertainty and risk, and deprives the public sector from obtaining the services of some talented workers who may look elsewhere for employment.

| (Numbers in thousands) |  |  |  |  | MONTHLY DATA NOT SEASONALLY ADJUSTED |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Civilian Labor Force |  |  |  |  |  |  |  |  |
| Year <br> and <br> Month | Total | Employment | Employed |  |  | **Services | Unemployed |  |
|  |  |  | Nonfarm Employment |  |  |  | Number | Rate(\%) |
|  |  |  | Total | **Manu- <br> facturing | **Trade |  |  |  |
| 1988 | 2,345.2 | 2,208.6 | 2,092.1 | 511.9 | 495.6 | 440.3 | 136.6 | 5.8 \% |
| 1989 | 2,367.3 | 2,247.2 | 2,167.2 | 524.5 | 508.4 | 467.2 | 120.2 | 5.1 |
| 1990 | 2,394.7 | 2,266.8 | 2,193.2 | 493.4 | 379.1 | 611.0 | 128.0 | $5 \cdot 3$ |
| 1991 | 2,413.7 | 2,250.6 | 2,183.6 | 480.3 | 373.0 | 626.7 | 163.1 | 6.8 |
| 1992 | 2,457.2 | 2,297.4 | 2,245.0 | 492.8 | 374.1 | 664.8 | 159.8 | 6.5 |
| 1993 | 2,526.9 | 2,380.5 | 2,328.5 | 502.8 | 382.5 | 709.8 | 146.4 | 5.8 |
| 1994 | 2,659.9 | 2,531.1 | 2,423.0 | 513.8 | 398.4 | 751.4 | 128.8 | 4.8 |
| 1995 | 2,732.2 | 2,591.5 | 2,498.9 | 518.0 | 412.6 | 795.0 | 140.7 | 5.2 |
| 1996 | 2,767.0 | 2,623.8 | 2,533.3 | 501.5 | 420.9 | 814.3 | 143.2 | 5.2 |
| 1997 | 2,786.1 | 2,639.2 | 2,584.0 | 498.0 | 430.5 | 849.7 | 146.9 | $5 \cdot 3$ |
| 1998 | 2,812.4 | 2,691.5 | 2,638.4 | 498.6 | 437.1 | 875.7 | 120.9 | 4.3 |
| 1999 | 2,852.4 | 2,739.2 | 2,685.3 | 494.7 | 443.6 | 900.8 | 113.3 | 4.0 |
| 2000 | 2,843.1 | 2,733.3 | 2,728.9 | 488.1 | 447.5 | 930.9 | 109.8 | 3.9 |
| 2001 | 2,861.3 | 2,731.0 | 2,688.3 | 454.2 | 446.6 | 921.5 | 130.4 | 4.6 |
| 2002 | 2,906.6 | 2,756.1 | 2,664.4 | 428.5 | 438.7 | 938.0 | 150.5 | 5.2 |
| 2003 | 2,912.2 | 2,748.1 | 2,667.5 | 414.1 | 440.8 | 950.3 | 164.0 | 5.6 |
| 2004 | 2,878.7 | 2,725.1 | 2,706.1 | 411.8 | 447.5 | 978.7 | 153.6 | $5 \cdot 3$ |
| 2005 | 2,904.8 | 2,743.4 | 2,743.1 | 408.8 | 454.6 | 1,005.6 | 161.4 | 5.6 |
| 2006 | 3,036.0 | 2,878.5 | 2,783.1 | 400.1 | 460.6 | 1,030.4 | 157.6 | 5.2 |
| 2007 | 3,063.7 | 2,920.4 | 2,797.4 | 380.0 | 463.5 | 1,052.8 | 143.3 | 4.7 |
| 2008 | 3,054.8 | 2,853.7 | 2,774.8 | 361.0 | 457.0 | 1,058.2 | 201.0 | 6.6 |
| 2009 | 3,052.7 | 2,733.1 | 2,619.8 | 309.2 | 427.8 | 1,025.3 | 319.6 | 10.5 |
| 2010 | 3,090.8 | 2,792.1 | 2,615.4 | 298.9 | 423.5 | 1,041.2 | 298.7 | 9.7 |
| 2011 | 3,125.3 | 2,844.7 | 2,661.4 | 304.4 | 427.1 | 1,076.8 | 280.6 | 9.0 |
| 2012 | 3,100.7 | 2,857.9 | 2,714.0 | 313.4 | $433 \cdot 3$ | 1,112.2 | 242.7 | 7.8 |
| 2013 | 3,072.5 | 2,832.9 | 2,749.7 | 318.8 | 437.2 | 1,139.2 | 239.6 | 7.8 |
| 2014 | 3,040.1 | 2,841.5 | 2,822.2 | 324.9 | 441.1 | 1,184.4 | 198.6 | 6.5 |
| 2015 | 3,070.9 | 2,899.2 | 2,893.9 | 333.0 | 445.5 | 1,224.0 | 171.8 | 5.6 |
| 2016 | 3,135.1 | 2,984.3 | 2,965.8 | 343.3 | 453.7 | 1260.5 | 150.8 | 4.8 |
| 2017 | 3,198.8 | 3,080.2 | 3,010.0 | 348.8 | 455.9 | 1282.2 | 118.6 | 3.7 |
| 2018 |  |  |  |  |  |  |  |  |
| January | 3,191.1 | 3,070.7 | 2,990.6 | 346.4 | 449.7 | 1,268.5 | 120.4 | 3.8 \% |
| February | 3,231.4 | 3,113.8 | 3,020.3 | 348.5 | 450.1 | 1,287.1 | 117.6 | 3.6 |
| March | 3,234.7 | 3,123.5 | 3,039.1 | 349.6 | 451.8 | 1,299.0 | 111.2 | 3.4 |
| April | 3,250.1 | 3,157.8 | 3,055.2 | 350.5 | 453.7 | 1,309.2 | 92.3 | 2.8 |
| May | 3,247.1 | 3,150.8 | 3,066.0 | 349.5 | 456.9 | 1,318.1 | 96.3 | 3.0 |
| June | 3,297.5 | 3,162.1 | 3,052.1 | 351.3 | 459.9 | 1,322.6 | 135.4 | 4.1 |
| July | 3,296.8 | 3,164.0 | 3,043.6 | 352.8 | 458.1 | 1,322.8 | 132.8 | 4.0 |
| August | 3,238.8 | 3,116.1 | 3,065.1 | 353.9 | 456.8 | 1,328.9 | 123.7 | 3.8 |
| September | 3,234.1 | 3,114.4 | 3,091.0 | 355.9 | 455.7 | 1,330.2 | 119.7 | 3.7 |
| October | 3,251.0 | 3,130.8 | 3,108.0 | 355.1 | 459.0 | 1,337.2 | 120.2 | 3.7 |
| November (r) | 3,261.9 | 3,154.2 | 3,130.6 | 356.7 | 471.9 | 1,337.8 | 107.7 | $3 \cdot 3$ |
| December (p) | 3,253.2 | 3,154.7 | 3,117.4 | 355.6 | 468.5 | 1,331.6 | 98.5 | 3.0 |
| (r)= revised |  |  | ${ }^{* *}$ These industries not comparable to industry employ ment data before |  |  |  |  |  |
| (p)=preliminary |  |  | 1990 because of changes to NAICS coding sy stem. |  |  |  |  |  |
| Trade $=$ Wholesale and Retail Trade |  |  | Services $=$ Professional/Business Services, Educational/Health Services, Leisure/Hospitality, and Other Services. |  |  |  |  |  |


| County | Dec | Dec | County | Dec | Dec |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 | 2018 |  | 2017 | 2018 |
| Anderson | 3.2 | 3.2 | Lauderdale | 5.1 | 5.6 |
| Bedford | 3.1 | 3.1 | Lawrence | 3.9 | 3.5 |
| Benton | 5.0 | 3.8 | Lewis | 4.2 | 3.9 |
| Bledsoe | $5 \cdot 3$ | 5.4 | Lincoln | 2.8 | 2.7 |
| Blount | 3.0 | 2.9 | Loudon | 3.0 | 2.9 |
| Bradley | 2.8 | 2.9 | Macon | 2.7 | 2.7 |
| Campbell | 4.1 | 4.3 | Madison | 3.4 | 3.2 |
| Cannon | 2.8 | 2.7 | Marion | 4.2 | 4.0 |
| Carroll | 4.4 | 4.4 | Marshall | 2.9 | 2.8 |
| Carter | 3.8 | 3.8 | Maury | 3.1 | 2.6 |
| Cheatham | 2.3 | 2.4 | McMinn | 3.8 | 3.6 |
| Chester | $3 \cdot 3$ | 3.1 | McNairy | 4.8 | 5.1 |
| Claiborne | 3.9 | 4.0 | Meigs | 4.2 | 4.1 |
| Clay | 4.6 | 4.5 | Monroe | $3 \cdot 3$ | 3.2 |
| Cocke | 4.2 | 4.0 | Montgomery | 3.4 | 3.3 |
| Coffee | 3.0 | 2.9 | Moore | 2.5 | 2.5 |
| Crockett | 3.4 | $3 \cdot 3$ | Morgan | 4.1 | 3.8 |
| Cumberland | 4.1 | 4.2 | Obion | 4.5 | 4.4 |
| Davidson | 2.3 | 2.3 | Overton | 3.2 | 3.2 |
| Decatur | 4.6 | 4.2 | Perry | 3.9 | 4.5 |
| DeKalb | 3.9 | 3.8 | Pickett | 3.5 | 3.9 |
| Dickson | 2.8 | 2.5 | Polk | 3.9 | 3.5 |
| Dyer | 4.1 | 4.3 | Putnam | 2.9 | 2.9 |
| Fayette | 3.6 | $3 \cdot 3$ | Rhea | 5.6 | 5.1 |
| Fentress | 3.9 | 4.0 | Roane | 3.6 | 3.7 |
| Franklin | 3.1 | 2.8 | Robertson | 2.8 | 2.7 |
| Gibson | 3.8 | 4.0 | Rutherford | 2.3 | 2.3 |
| Giles | 3.2 | 3.1 | Scott | 3.7 | 3.9 |
| Grainger | $3 \cdot 3$ | 3.5 | Sequatchie | 4.4 | 3.7 |
| Greene | 4.0 | 4.4 | Sevier | 2.9 | 2.8 |
| Grundy | 4.2 | 3.7 | Shelby | 3.6 | 3.6 |
| Hamblen | 3.4 | 3.3 | Smith | 2.8 | 2.5 |
| Hamilton | 3.0 | 2.9 | Stewart | 4.4 | 4.3 |
| Hancock | 4.3 | 5.7 | Sullivan | $3 \cdot 3$ | $3 \cdot 3$ |
| Hardeman | 5.0 | 4.9 | Sumner | 2.5 | 2.4 |
| Hardin | 3.9 | 4.0 | Tipton | 3.9 | 3.6 |
| Hawkins | 3.5 | 3.4 | Trousdale | 3.0 | 2.9 |
| Haywood | 4.7 | 4.6 | Unicoi | 4.5 | 4.7 |
| Henderson | 4.4 | 4.3 | Union | 3.7 | 3.6 |
| Henry | 3.9 | 3.7 | Van Buren | 3.6 | 4.1 |
| Hickman | 2.8 | 2.8 | Warren | 3.2 | 3.6 |
| Houston | 5.4 | 4.3 | Washington | 3.2 | 3.1 |
| Humphreys | 3.9 | 3.5 | Wayne | 4.5 | 4.8 |
| Jackson | 4.1 | 4.1 | Weakley | 3.6 | 3.5 |
| Jefferson | 3.2 | 3.2 | White | $3 \cdot 3$ | 3.3 |
| Johnson | $3 \cdot 3$ | 3.1 | Williamson | 2.2 | 2.1 |
| Knox | 2.6 | 2.5 | Wilson | 2.4 | 2.4 |
| Lake | 4.8 | 5.5 | *Data Not Seas | nally A | justed |



## ESTIMATED NONFARM EMPLOYMENT (in thousands)

| Industry | $\begin{gathered} \text { Decem ber } \\ 2017 \end{gathered}$ | RevisedNovember2018 | $\begin{gathered} \hline \text { Preliminary } \\ \text { December } \\ 2018 \end{gathered}$ | Net Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dec. 2017 <br> Dec. 2018 | Nov. 2018 <br> Dec. 2018 |
| Total Nonfarm | 3,061.3 | 3,130.6 | 3,117.4 | 56.1 | -13.2 |
| Total Private | 2,620.0 | 2,683.6 | 2,673.2 | 53.2 | -10.4 |
| Goods-Producing | 474.0 | 487.0 | 484.5 | 10.5 | -2.5 |
| Mining, Logging, \& Construction | 124.4 | 130.3 | 128.9 | 4.5 | -1.4 |
| Mining and Logging | 4.1 | 4.2 | 4.1 | 0.0 | -0.1 |
| Construction | 120.3 | 126.1 | 124.8 | 4.5 | -1.3 |
| Construction of Buildings | 26.0 | 26.4 | 26.8 | 0.8 | 0.4 |
| Heavy and Civil Engineering Construction | 14.7 | 15.8 | 14.8 | 0.1 | -1.0 |
| Specialty Trade Contractors | 79.6 | 83.9 | 83.2 | 3.6 | -0.7 |
| Manufacturing | 349.6 | 356.7 | 355.6 | 6.0 | -1.1 |
| Durable Goods Manufacturing | 222.1 | 227.8 | 226.1 | 4.0 | -1.7 |
| Wood Product Manufacturing | 12.4 | 12.9 | 12.7 | 0.3 | -0.2 |
| Nonmetallic Mineral Product Manufacturing | 13.7 | 14.2 | 14.2 | 0.5 | 0.0 |
| Primary Metal Manufacturing | 10.6 | 10.2 | 10.5 | -0.1 | 0.3 |
| Fabricated Metal Product Manufacturing | 35.9 | 36.5 | 36.1 | 0.2 | -0.4 |
| Machinery Manufacturing | 26.0 | 26.0 | 25.9 | -0.1 | -0.1 |
| Computer \& Electronic Product Manufacturing | 4.8 | 4.9 | 4.9 | 0.1 | 0.0 |
| Electrical Equipment \& Appliance Manufacturing | 19.2 | 19.4 | 19.2 | 0.0 | -0.2 |
| Transportation Equipment Manufacturing | 73.8 | 77.8 | 76.7 | 2.9 | -1.1 |
| Furniture \& Related Product Manufacturing | 9.5 | 9.4 | 9.4 | -0.1 | o.o |
| Miscellaneous Manufacturing Durable Goods | 16.2 | 16.5 | 16.5 | 0.3 | 0.0 |
| Nondurable Goods Manufacturing | 127.5 | 128.9 | 129.5 | 2.0 | 0.6 |
| Food Manufacturing | 35.7 | 36.1 | 36.1 | 0.4 | 0.0 |
| Beverage \& Tobacco Product Manufacturing | 7.2 | 7.8 | 7.8 | 0.6 | 0.0 |
| Paper Manufacturing | 14.5 | 14.6 | 14.5 | 0.0 | -0.1 |
| Printing \& Related Support Activities | 9.0 | 9.0 | 9.0 | 0.0 | 0.0 |
| Chemical Manufacturing | 24.9 | 25.2 | 25.2 | 0.3 | 0.0 |
| Plastics \& Rubber Products Manufacturing | 24.6 | 25.1 | 25.2 | 0.6 | 0.1 |
| Plastics Product Manufacturing | 14.5 | 14.5 | 14.6 | 0.1 | 0.1 |
| Rubber Product Manufacturing | 10.1 | 10.6 | 10.6 | 0.5 | 0.0 |
| Service-Providing | 2,587.3 | 2,643.6 | 2,632.9 | 45.6 | -10.7 |
| Trade, Transportation, \& Utilities | 635.5 | 652.1 | 650.2 | 14.7 | -1.9 |
| Wholesale Trade | 121.6 | 124.6 | 123.2 | 1.6 | -1.4 |
| Merchant Wholesalers, Durable Goods | 63.3 | 65.9 | 65.4 | 2.1 | -0.5 |
| Merchant Wholesalers, Nondurable Goods | 41.6 | 42.3 | 41.2 | -0.4 | -1.1 |
| Wholesale Electronic Markets | 16.7 | 16.4 | 16.6 | -0.1 | 0.2 |
| Retail Trade | 339.5 | 347.3 | 345.3 | 5.8 | -2.0 |
| Motor Vehicle \& Parts Dealers | 46.9 | 47.3 | 46.9 | 0.0 | -0.4 |
| Furniture \& Home Furnishings Stores | 10.0 | 9.9 | 10.2 | 0.2 | 0.3 |
| Building Material, Garden Equipment, \& Supplies | 28.8 | 29.8 | 29.7 | 0.9 | -0.1 |
| Food \& Beverage Stores | 54.5 | 53.1 | 53.4 | -1.1 | 0.3 |
| Health \& Personal Care Stores | 24.9 | 24.7 | 25.1 | 0.2 | 0.4 |
| Gasoline Stations | 22.3 | 23.8 | 22.7 | 0.4 | -1.1 |
| Clothing \& Clothing Accessories Stores | 27.6 | 26.6 | 26.2 | -1.4 | -0.4 |
| Sporting Goods, Hobby, Book, \& Music Stores | 13.5 | 12.7 | 13.1 | -0.4 | 0.4 |
| General Merchandise Stores | 73.9 | 78.0 | 76.9 | 3.0 | -1.1 |
| Miscellaneous Store Retailers | 17.5 | 18.3 | 17.7 | 0.2 | -0.6 |
| Nonstore Retailers | 10.8 | 11.2 | 11.1 | 0.3 | -0.1 |
| Transportation, Warehousing, \& Utilities | 174.4 | 180.2 | 181.7 | 7.3 | 1.5 |
| Utilities | 3.5 | 3.5 | 3.5 | 0.0 | 0.0 |
| Transportation \& Warehousing | 170.9 | 176.7 | 178.2 | 7.3 | 1.5 |
| Truck Transportation | 57.3 | 59.0 | 59.0 | 1.7 | 0.0 |
| Information | 45.7 | 45.6 | 45.1 | -0.6 | -0.5 |
| Financial Activities | 159.6 | 161.1 | 161.8 | 2.2 | 0.7 |
| Finance \& Insurance | 119.4 | 118.9 | 118.9 | -0.5 | 0.0 |
| Real Estate, Rental, \& Leasing | 40.2 | 42.2 | 42.9 | 2.7 | 0.7 |
| Professional \& Business Services | 419.2 | 426.6 | 427.6 | 8.4 | 1.0 |
| Professional, Scientific, \& Technical Services | 139.1 | 140.2 | 141.5 | 2.4 | 1.3 |
| Management of Companies \& Enterprises | 46.5 | 48.2 | 48.6 | 2.1 | 0.4 |
| Administrative, Support, \& Waste Management | 233.6 | 238.2 | 237.5 | 3.9 | -0.7 |
| Educational \& Health Services | 440.2 | 443.9 | 441.8 | 1.6 | -2.1 |
| Educational Services | 63.3 | 65.4 | 64.9 | 1.6 | -0.5 |
| Health Care \& Social Assistance | 376.9 | 378.5 | 376.9 | 0.0 | -1.6 |
| Ambulatory Health Care Services | 152.4 | 152.3 | 151.7 | -0.7 | -0.6 |
| Hospitals | 111.7 | 113.2 | 113.5 | 1.8 | 0. 3 |
| Nursing \& Residential Care Facilities | 62.2 | 62.8 | 62.2 | 0.0 | -0.6 |
| Social Assistance | 50.6 | 50.2 | 49.5 | -1.1 | -0.7 |
| Leisure \& Hospitality | 331.6 | 351.0 | 347.4 | 15.8 | -3.6 |
| Arts, Entertainment, \& Recreation | 35.5 | 38.2 | 34.7 | -0.8 | -3.5 |
| Accommodation \& Food Services | 296.1 | 312.8 | 312.7 | 16.6 | -0.1 |
| Accommodation | 37.0 | 40.2 | 40.2 | 3.2 | 0.0 |
| Food Services \& Drinking Places | 259.1 | 272.6 | 272.5 | 13.4 | -0.1 |
| Other Services | 114.2 | 116.3 | 114.8 | 0.6 | -1.5 |
| Government | 441.3 | 447.0 | 444.2 | 2.9 | -2.8 |
| Federal Government | 49.0 | 49.9 | 50.2 | 1.2 | 0.3 |
| State Government | 100.0 | 103.9 | 100.5 | 0.5 | -3.4 |
| State Government Educational Services | 58.6 | 62.7 | 59.2 | 0.6 | -3.5 |
| Local Government | 292.3 | 293.2 | 293.5 | 1.2 | 0.3 |
| Local Government Educational Services | 146.9 | 146.5 | 147.1 | 0.2 | 0.6 |

## NONFARM EMPLOYMENT \&

 LABOR FORCE NARRATIVETotal nonfarm employment increased by 56,100 jobs from December 2017 to December 2018. There were large increases in accommodation/food services (up 16,600 jobs), which includes increases of 13,400 jobs in food services/drinking places and 3,200 jobs in accommodation; professional/ business services (up 8,400 jobs), which includes increases of 3,900 jobs in administrative/support/waste management and 2,400 jobs in professional/scientific/ technical services; transportation/ warehousing (up 7,300 jobs). There were smaller increases in retail trade (up 5,800 jobs), which includes an increase of 3,000 jobs in general merchandise stores combined with declines of 1,400 jobs in clothing/clothing accessories stores, and 1,100 jobs in food/ beverage stores; construction (up 4,500 jobs), which includes an increase of 3,600 jobs in specialty trade contractors; transportation equipment manufacturing (up 2,900 jobs); real estate/rental/leasing (up 2,700 jobs); and durable goods wholesalers (up 3,000 jobs). These increases were partially offset by a decline of 1,100 jobs in social assistance.

During the past month, nonfarm employment decreased by 13,200 jobs. There were declines in state government educational services and arts/entertainment/recreation (both down 3,500 jobs); education/health care services (down 2,100 jobs), which includes a decline of 1,600 jobs in health care/social assistance; other services (down 1,500 jobs); construction (down 1,300 jobs), which includes a decline of 1,000 jobs in heavy/civil engineering construction; and nondurable goods wholesalers, transportation equipment manufacturing, and general merchandise stores (each down 1,100 jobs). These decreases were partially offset by increases of 1,500 jobs in transportation/warehousing and 1,300 jobs in professional/scientific/technical services.

Tennessee's seasonally adjusted estimated unemployment rate for December 2018 was 3.6 percent, unchanged from the November rate. The United States unemployment rate for December 2018 was 3.9 percent, up from 3.7 percent in from the previous month. In December 2017, the U.S. seasonally adjusted rate was 4.1 percent while the state rate was 3.3 percent.

The not seasonally adjusted unemployment rate decreased in 76 counties, increased in 16 counties, and remained unchanged in three counties. Williamson County had the lowest rate at 2.1 percent, down 0.4 percent from November. The highest rate was Hancock County at 5.7 percent, up from 4.6 percent.

## The data from all the nonfarm employment estimates tables

 include all full- and part-time nonfarm wage and salary employees who worked during or received pay for any part of the pay period that includes the 12 th of the month. This is a count of jobs period that includes the 11 tht of the month. This is a counby place of work. Agricultural workers, proprietors, selfemployed persons, workers in private households, and unpaid family workers are excluded. These numbers may not add due to rounding. Data are based on the 2017 benchmark.

## CIVILIAN LABOR FORGE

## CIVILIAN LABOR FORCE SUMMARY

# December 2017 

November 2018
December 2018

|  | Labor Force | Employment | Unemployed | Rate | Labor Force | Employment | Unemployed | Rate | Labor Force | Employment | Unemployed | Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Seasonally Adjusted |  |  |  |  |  |  |  |  |  |  |  |  |
| U.S. <br> TENNESSEE | $\begin{array}{r} 160,636,000 \\ 3,218,600 \end{array}$ | $\begin{array}{r} 154,065,000 \\ 3,111,800 \end{array}$ | $\begin{array}{r} 6,572,000 \\ 106,700 \end{array}$ | $\begin{aligned} & 4.1 \\ & 3 \cdot 3 \end{aligned}$ | $\begin{gathered} 162,821,00 \\ 3,256,200 \end{gathered}$ | $\begin{array}{r} 156,803,00 \\ 3,137,600 \end{array}$ | $\begin{array}{r} \text { 6,018,000 } \\ 118,600 \end{array}$ | $\begin{aligned} & 3.7 \\ & 3.6 \end{aligned}$ | $\begin{array}{r} 163,240,000 \\ 3,260,000 \end{array}$ | $\begin{array}{r} 156,945,000 \\ 3,143,900 \end{array}$ | $\begin{array}{r} 6,294,000 \\ 116,100 \end{array}$ | $\begin{aligned} & 3.9 \\ & 3.6 \end{aligned}$ |
| Not Seasonally Adjusted |  |  |  |  |  |  |  |  |  |  |  |  |
| U.S. TENNESSEE | $\begin{array}{r} 159,880,000 \\ 3,202,700 \end{array}$ | $\begin{array}{r} 153,602,000 \\ 3,103,700 \end{array}$ | $\begin{array}{r} \text { 6,278,000 } \\ 99,000 \end{array}$ | $\begin{aligned} & 3.9 \\ & 3.1 \end{aligned}$ | $\begin{array}{r} 162,665,000 \\ 3,261,900 \end{array}$ | $\begin{array}{r} 157,015,000 \\ 3,154,200 \end{array}$ | $\begin{array}{r} 5,650,000 \\ 107,700 \end{array}$ | $\begin{aligned} & 3 \cdot 5 \\ & 3 \cdot 3 \end{aligned}$ | $\begin{array}{r} 162,510,000 \\ 3,253,200 \end{array}$ | $\begin{array}{r} 156,481,000 \\ 3,154,700 \end{array}$ | $\begin{array}{r} 6,029,000 \\ 98,500 \end{array}$ | $\begin{aligned} & 3.7 \\ & 3.0 \end{aligned}$ |
| Metropolitan Statistical Areas |  |  |  |  |  |  |  |  |  |  |  |  |
| Chattanooga | 268,120 | 259,170 | 8,950 | $3 \cdot 3$ | 272,280 | 263,620 | 8,660 | 3.2 | 271,020 | 262,590 | 8,430 | 3.1 |
| Clarksville | 110,840 | 106,720 | 4,120 | 3.7 | 114,350 | 110,030 | 4,320 | 3.8 | 114,020 | 109,980 | 4,040 | 3.5 |
| Cleveland | 60,260 | 58,470 | 1,790 | 3.0 | 60,040 | 58,020 | 2,020 | 3.4 | 60,870 | 59,040 | 1,820 | 3.0 |
| Jackson | 63,780 | 61,590 | 2,180 | 3.4 | 64,780 | 62,520 | 2,270 | 3.5 | 64,770 | 62,700 | 2,070 | 3.2 |
| Johnson City | 89,950 | 86,850 | 3,110 | 3.5 | 90,690 | 87,380 | 3,310 | 3.6 | 90,730 | 87,640 | 3,090 | $3 \cdot 4$ |
| Kingsport | 136,440 | 131,760 | 4,680 | 3.4 | 139,430 | 134,750 | 4,680 | 3.4 | 139,210 | 134,580 | 4,630 | $3 \cdot 3$ |
| Knoxville | 416,710 | 404,700 | 12,020 | 2.9 | 421,820 | 408,510 | 13,310 | 3.2 | 420,600 | 408,670 | 11,940 | 2.8 |
| Memphis | 635,160 | 611,940 | 23,230 | 3.7 | 645,690 | 621,130 | 24,560 | 3.8 | 643,210 | 619,590 | 23,620 | 3.7 |
| Morristown | 51,150 | 49,450 | 1,700 | 3.3 | 52,480 | 50,620 | 1,860 | 3.5 | 52,420 | 50,730 | 1,690 | 3.2 |
| Nashville | 1,015,900 | 991,650 | 24,250 | 2.4 | 1,040,570 | 1,013,050 | 27,520 | 2.6 | 1,037,450 | 1,013,220 | 24,230 | 2.3 |
| Micropolitan Statistical Areas |  |  |  |  |  |  |  |  |  |  |  |  |
| Athens | 22,540 | 21,690 | 860 | 3.8 | 22,760 | 21,880 | 890 | 3.9 | 22,750 | 21,930 | 820 | 3.6 |
| *Brownsville | 7,910 | 7,540 | 380 | 4.7 | 7,960 | 7,580 | 380 | 4.8 | 7,890 | 7,530 | 360 | 4.6 |
| Cookeville | 48,570 | 47,070 | 1,490 | 3.1 | 49,290 | 47,550 | 1,740 | 3.5 | 49,230 | 47,700 | 1,540 | 3.1 |
| Crossville | 23,540 | 22,560 | 970 | 4.1 | 24,150 | 23,210 | 930 | 3.9 | 24,150 | 23,130 | 1,020 | 4.2 |
| *Dayton | 13,070 | 12,350 | 730 | 5.6 | 13,090 | 12,480 | 610 | 4.6 | 13,140 | 12,470 | 670 | 5.1 |
| Dyersburg | 16,08o | 15,420 | 660 | 4.1 | 16,340 | 15,590 | 750 | 4.6 | 16,260 | 15,550 | 710 | 4.3 |
| Greeneville | 30,760 | 29,530 | 1,230 | 4.0 | 31,010 | 29,780 | 1,230 | 4.0 | 31,160 | 29,800 | 1,360 | 4.4 |
| Lawrenceburg | 17,870 | 17,180 | 690 | 3.9 | 18,090 | 17,400 | 700 | 3.8 | 18,100 | 17,460 | 640 | 3.5 |
| Lewisburg | 15,650 | 15,190 | 460 | 2.9 | 15,940 | 15,430 | 510 | 3.2 | 15,940 | 15,490 | 450 | 2.8 |
| Martin | 15,780 | 15,210 | 570 | 3.6 | 16,210 | 15,580 | 630 | 3.9 | 15,980 | 15,420 | 560 | 3.5 |
| McMinnville | 16,740 | 16,200 | 540 | 3.2 | 16,700 | 16,060 | 640 | 3.8 | 16,530 | 15,950 | 590 | 3.6 |
| Newport | 14,270 | 13,670 | 600 | 4.2 | 14,460 | 13,860 | 600 | 4.1 | 14,400 | 13,830 | 570 | 4.0 |
| Paris | 14,020 | 13,480 | 550 | 3.9 | 14,150 | 13,600 | 560 | 3.9 | 14,160 | 13,630 | 530 | 3.7 |
| Sevierville | 51,400 | 49,910 | 1,490 | 2.9 | 52,470 | 50,990 | 1,480 | 2.8 | 52,360 | 50,920 | 1,440 | 2.8 |
| Shelbyville | 20,480 | 19,840 | 640 | 3.1 | 21,000 | 20,270 | 730 | 3.5 | 20,840 | 20,190 | 650 | 3.1 |
| Tullahoma | 48,330 | 46,880 | 1,450 | 3.0 | 49,400 | 47,810 | 1,590 | 3.2 | 49,120 | 47,720 | 1,410 | 2.9 |
| Cities |  |  |  |  |  |  |  |  |  |  |  |  |
| Bartlett | 31,000 | 30,230 | 770 | 2.5 | 31,650 | 30,720 | 940 | 3.0 | 31,550 | 30,710 | 830 | 2.6 |
| Brentwood | 21,760 | 21,310 | 460 | 2.1 | 22,340 | 21,780 | 560 | 2.5 | 22,260 | 21,790 | 470 | 2.1 |
| Bristol | 11,740 | 11,380 | 360 | 3.1 | 12,020 | 11,610 | 420 | 3.5 | 11,990 | 11,600 | 390 | 3.3 |
| Chattanooga | 83,770 | 81,040 | 2,730 | 3.3 | 85,380 | 82,480 | 2,900 | 3.4 | 84,890 | 82,270 | 2,620 | 3.1 |
| Clarksville | 59,590 | 57,440 | 2,150 | 3.6 | 61,400 | 59,050 | 2,360 | 3.8 | 61,310 | 59,230 | 2,080 | 3.4 |
| Cleveland | 21,630 | 21,010 | 630 | 2.9 | 21,600 | 20,840 | 760 | 3.5 | 21,890 | 21,210 | 680 | 3.1 |
| Collierville | 25,470 | 24,840 | 630 | 2.5 | 25,940 | 25,230 | 700 | 2.7 | 25,840 | 25,230 | 610 | 2.4 |
| Columbia | 17,730 | 17,100 | 630 | 3.6 | 18,070 | 17,470 | 600 | 3.3 | 17,990 | 17,460 | 530 | 2.9 |
| Cookeville | 13,950 | 13,500 | 450 | 3.2 | 14,150 | 13,630 | 520 | 3.6 | 14,130 | 13,700 | 430 | 3.1 |
| Franklin | 42,790 | 41,900 | 890 | 2.1 | 43,870 | 42,830 | 1,040 | 2.4 | 43,760 | 42,850 | 910 | 2.1 |
| Gallatin | 18,580 | 18,080 | 500 | 2.7 | 19,010 | 18,470 | 550 | 2.9 | 18,960 | 18,480 | 480 | 2.5 |
| Germantown | 19,990 | 19,520 | 470 | 2.4 | 20,390 | 19,830 | 560 | 2.7 | 20,320 | 19,830 | 490 | 2.4 |
| Hendersonville | 32,010 | 31,250 | 760 | 2.4 | 32,780 | 31,920 | 860 | 2.6 | 32,710 | 31,950 | 760 | 2.3 |
| Jackson | 31,800 | 30,660 | 1,140 | 3.6 | 32,310 | 31,090 | 1,220 | 3.8 | 32,360 | 31,240 | 1,130 | 3.5 |
| Johnson City | 31,260 | 30,320 | 930 | 3.0 | 31,580 | 30,490 | 1,090 | 3.5 | 31,540 | 30,590 | 950 | 3.0 |
| Kingsport | 22,480 | 21,690 | 790 | 3.5 | 22,950 | 22,120 | 840 | 3.6 | 22,920 | 22,090 | 820 | 3.6 |
| Knoxville | 95,310 | 92,660 | 2,640 | 2.8 | 96,480 | 93,490 | 2,990 | 3.1 | 96,170 | 93,580 | 2,580 | 2.7 |
| LaVergne | 18,850 | 18,390 | 460 | 2.4 | 19,290 | 18,770 | 520 | 2.7 | 19,220 | 18,780 | 450 | 2.3 |
| Lebanon | 14,830 | 14,410 | 420 | 2.8 | 15,210 | 14,720 | 490 | 3.2 | 15,150 | 14,710 | 440 | 2.9 |
| Maryville | 13,570 | 13,200 | 370 | 2.7 | 13,740 | 13,340 | 410 | 2.9 | 13,680 | 13,340 | 340 | 2.5 |
| Memphis | 294,810 | 282,880 | 11,930 | 4.0 | 300,240 | 287,380 | 12,870 | 4.3 | 299,270 | 287,370 | 11,890 | 4.0 |
| Morristown | 11,450 | 11,040 | 420 | 3.6 | 11,750 | 11,300 | 460 | 3.9 | 11,720 | 11,320 | 400 | 3.4 |
| *Mount Juliet | 18,030 | 17,620 | 410 | 2.2 | 18,500 | 18,010 | 490 | 2.6 | 18,430 | 17,990 | 440 | 2.4 |
| Murfreesboro | 74,290 | 72,600 | 1,690 | 2.3 | 76,210 | 74,110 | 2,090 | 2.7 | 75,930 | 74,140 | 1,790 | 2.4 |
| Nashville | 389,870 | 381,000 | 8,870 | 2.3 | 399,280 | 389,030 | 10,250 | 2.6 | 398,500 | 389,440 | 9,070 | 2.3 |
| Oak Ridge | 14,160 | 13,730 | 420 | 3.0 | 14,330 | 13,860 | 470 | 3.3 | 14,310 | 13,870 | 430 | 3.0 |
| Smyrna | 26,760 | 26,160 | 600 | 2.3 | 27,380 | 26,710 | 670 | 2.5 | 27,300 | 26,720 | 590 | 2.1 |
| Spring Hill | 20,690 | 20,160 | 540 | 2.6 | 21,170 | 20,600 | 570 | 2.7 | 21,130 | 20,610 | 520 | 2.5 |

[^0]Total nonfarm employment in the Chattanooga MSA decreased by 2,000 jobs from November 2018 to December 2018. There were declines of 600 jobs state government; 400 jobs in professional/business services; 300 jobs in both retail trade and leisure/ hospitality; and 200 jobs in educational/ health services. These were no large increases to offset these declines.

During the past 12 months, nonfarm employment increased by 3,400 jobs. During the year, goods-producing jobs increased by 1,600 while serviceproviding jobs increased by 1,800 .

CHATTANOOGA MSA
UNEMPLOYMENTRATES
(not seasonally adjusted)
 ESTIMATED NONFARM EMPLOYMENT (in thousands)

| Industry | $\begin{gathered} \text { December } \\ 2017 \end{gathered}$ | Revised November 2018 | Preliminary <br> December 2018 | Net Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dec. 2017 <br> Dec. 2018 | Nov. 2018 <br> Dec. 2018 |
| Total Nonfarm | 261.7 | 267.1 | 265.1 | 3.4 | -2.0 |
| Total Private | 223.8 | 228.0 | 226.7 | 2.9 | -1.3 |
| Goods-Producing | 44.1 | 45.8 | 45.7 | 1.6 | -0.1 |
| Mining, Logging, \& Construction | 10.4 | 11.0 | 11.0 | 0.6 | 0.0 |
| Manufacturing | 33.7 | 34.8 | 34.7 | 1.0 | -0.1 |
| Durable Goods Manufacturing | 18.4 | 19.2 | 19.1 | 0.7 | -0.1 |
| Nondurable Goods Manufacturing | 15.3 | 15.6 | 15.6 | 0.3 | 0.0 |
| Service-Providing | 217.6 | 221.3 | 219.4 | 1.8 | -1.9 |
| Trade, Transportation, \& Utilities | 52.9 | 54.6 | 54.3 | 1.4 | -0.3 |
| Wholesale Trade | 8.8 | 8.9 | 8.9 | 0.1 | 0.0 |
| Retail Trade | 27.4 | 28.2 | 27.9 | 0.5 | -0.3 |
| Transportation, Warehousing, \& Utilities | 16.7 | 17.5 | 17.5 | 0.8 | 0.0 |
| Information | 3.4 | 3.3 | 3.3 | -0.1 | 0.0 |
| Financial Activities | 16.6 | 16.8 | 16.9 | 0.3 | 0.1 |
| Professional \& Business Services | 31.0 | 31.7 | 31.3 | 0.3 | -0.4 |
| Educational \& Health Services | 34.2 | 33.9 | 33.7 | -0.5 | -0.2 |
| Leisure \& Hospitality | 29.8 | 29.9 | 29.6 | -0.2 | -0.3 |
| Other Services | 11.8 | 12.0 | 11.9 | 0.1 | -0.1 |
| Government | 37.9 | 39.1 | 38.4 | 0.5 | -0.7 |
| Federal Government | 5.4 | 5.5 | 5.5 | 0.1 | 0.0 |
| State Government | 6.7 | 7.3 | 6.7 | 0.0 | -0.6 |
| Local Government | 25.8 | 26.3 | 26.2 | 0.4 | -0.1 |

Total nonfarm employment in Knoxville decreased by 1,300 jobs from November 2018 to December 2018. There were declines in state government (down 1,600 jobs), local government (down 600 jobs), leisure/hospitality (down 400 jobs), and wholesale trade (down 200 jobs). These decreases were partially offset by increases of 500 jobs in mining/logging/ construction, 400 jobs in professional/ business services, 300 jobs in transportation/warehousing/utilities, and 200 jobs in financial activities.

During the past 12 months, nonfarm employment increased by 3,200 jobs. During the year, goods-producing jobs increased by 2,800 while serviceproviding jobs increased by 400 .

KNOXVILLEMSA
UNEMPLOYMENTRATES (NOT SEASONALLY ADJUSTED)


ESTIMATED NONFARM EMPLOYMENT (in thousands)

| Industry | December <br> 2017 | Revised <br> November <br> 2018 | Preliminary <br> December <br> 2018 | Net Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dec. 2017 |  |
|  |  |  |  | Dec. 2018 | Dec. 2018 |
| Total Nonfarm | 400.1 | 404.6 | 403.3 | 3.2 | -1.3 |
| Total Private | 340.2 | 342.5 | 343.3 | 3.1 | 0.8 |
| Goods-Producing | 58.5 | 60.9 | 61.3 | 2.8 | 0.4 |
| Mining, Logging, \& Construction | 19.3 | 19.7 | 20.2 | 0.9 | 0.5 |
| Manufacturing | 39.2 | 41.2 | 41.1 | 1.9 | -0.1 |
| Durable Goods Manufacturing | 28.7 | 30.1 | 30.0 | 1.3 | -0.1 |
| Nondurable Goods Manufacturing | 10.5 | 11.1 | 11.1 | 0.6 | 0.0 |
| Service-Providing | 341.6 | 343.7 | 342.0 | 0.4 | -1.7 |
| Trade, Transportation, \& Utilities | 79.5 | 81.5 | 81.7 | 2.2 | 0.2 |
| Wholesale Trade | 16.9 | 17.9 | 17.7 | 0.8 | -0.2 |
| Retail Trade | 48.4 | 49.2 | 49.3 | 0.9 | 0.1 |
| Transportation, Warehousing, \& Utilities | 14.2 | 14.4 | 14.7 | 0.5 | 0.3 |
| Information | 5.7 | 5.6 | 5.5 | -0.2 | -0.1 |
| Financial Activities | 19.5 | 18.6 | 18.8 | -0.7 | 0.2 |
| Professional \& Business Services | 65.8 | 65.3 | 65.7 | -0.1 | 0.4 |
| Educational \& Health Services | 53.5 | 51.9 | 52.0 | -1.5 | 0.1 |
| Leisure \& Hospitality | 42.7 | 43.6 | 43.2 | 0.5 | -0.4 |
| Other Services | 15.0 | 15.1 | 15.1 | 0.1 | 0.0 |
| Government | 59.9 | 62.1 | 60.0 | 0.1 | -2.1 |
| Federal Government | 5.5 | 5.6 | 5.7 | 0.2 | 0.1 |
| State Government | 19.4 | 21.2 | 19.6 | 0.2 | -1.6 |
| Local Government | 35.0 | 35.3 | 34.7 | -0.3 | -0.6 |

Total nonfarm employment decreased by 2,800 jobs from November 2018 to December 2018. There were declines in state government (down 1,500 jobs), leisure/hospitality (down 1,300 jobs), retail trade (down 1,100 jobs), educational/health services (down 600 jobs); and other services and mining/ logging/construction (both down 500 jobs).

This was partially offset by an increase of 2,800 jobs in administrative/ support/waste management.

During the past 12 months, nonfarm employment increased by 9,900 jobs. During that time, goods-producing jobs increased by 1,500 , while serviceproviding jobs increased by 8,400 jobs.

MEMPHISMSA
UNEMPLOYMENTRATES
(NOT SEASONALLY ADJUSTED)


ESTIMATED NONFARM EMPLOYMENT (in thousands)

| stry | December 2017 | Revised November 2018 | ```Preliminary December 2018``` | Net Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dec. 2017 | Nov. 2018 |
|  |  |  |  | Dec. 2018 | Dec. 2018 |
| Total Nonfarm | 657.6 | 670.3 | 667.5 | 9.9 | -2.8 |
| Total Private | 573.1 | 582.7 | 581.4 | 8.3 | -1.3 |
| Goods-Producing | 67.9 | 69.9 | 69.4 | 1.5 | -0.5 |
| Mining, Logging, \& Construction | 22.7 | 23.8 | 23.3 | 0.6 | -0.5 |
| Manufacturing | 45.2 | 46.1 | 46.1 | 0.9 | 0.0 |
| Durable Goods Manufacturing | 24.6 | 25.3 | 25.2 | 0.6 | -0.1 |
| Nondurable Goods Manufacturing | 20.6 | 20.8 | 20.9 | 0.3 | 0.1 |
| Service-Providing | 589.7 | 600.4 | 598.1 | 8.4 | -2.3 |
| Trade, Transportation, \& Utilities | 183.0 | 185.0 | 183.8 | 0.8 | -1.2 |
| Wholesale Trade | 37.0 | 37.8 | 37.8 | 0.8 | 0.0 |
| Retail Trade | 70.7 | 70.2 | 69.1 | -1.6 | -1.1 |
| Transportation, Warehousing, \& Utilities | 75.3 | 77.0 | 76.9 | 1.6 | -0.1 |
| Information | 5.6 | 5.5 | 5.5 | -0.1 | 0.0 |
| Financial Activities | 29.1 | 30.1 | 30.2 | 1.1 | 0.1 |
| Professional \& Business Services | 97.0 | 100.1 | 102.8 | 5.8 | 2.7 |
| Professional, Scientific, \& Technical Services | 24.7 | 23.7 | 23.6 | -1.1 | -0.1 |
| Management of Companies \& Enterprises | 7.2 | 7.4 | 7.4 | 0.2 | 0.0 |
| Administrative, Support, \& Waste Management | 65.1 | 69.0 | 71.8 | 6.7 | 2.8 |
| Educational \& Health Services | 96.3 | 95.7 | 95.1 | -1.2 | -0.6 |
| Leisure \& Hospitality | 68.9 | 70.6 | 69.3 | 0.4 | -1.3 |
| Other Services | 25.3 | 25.8 | 25.3 | 0.0 | -0.5 |
| Government | 84.5 | 87.6 | 86.1 | 1.6 | -1.5 |
| Federal Government | 13.4 | 13.9 | 14.0 | 0.6 | 0.1 |
| State Government | 15.9 | 17.3 | 15.8 | -0.1 | -1.5 |
| Local Government | 55.2 | 56.4 | 56.3 | 1.1 | -0.1 |

Nashville MSA - Cannon, Cheatham, Davidson, Dickson, Hickman, Macon, Maury, Robertson, Rutherford, Smith, Sumner, Trousdale, Williamson, Wilson

Total nonfarm employment decreased by 3,700 jobs from November 2018 to December 2018. There were declines in leisure/hospitality (down 2,500 jobs), mining/logging/construction (down 1,400 jobs), wholesale trade (down 500 jobs), educational services (down 400 jobs), retail trade (down 300 jobs), and information and durable goods manufacturing (both down 200 jobs).

These were partially offset by increases in professional/business services (up 600 jobs, which includes increases of 300 jobs in professional/ scientific technical services and 200 jobs in management of companies/enterprises; transportation/warehousing/utilities (up 400 jobs); and local government (up 200 jobs).

During the past 12 months, nonfarm employment increased by 20,400 jobs. During that time, goods-producing jobs decreased by 1,100 , while service-providing jobs increased by 21,500 .

NASHVILLEMSA UNEMPLOYMENTRATES
(NOT SEASONALLY ADJUSTED)


## ESTIMATED NONFARM EMPLOYMENT (in thousands)

| In | $\begin{gathered} \text { December } \\ 2017 \end{gathered}$ | Revised November 2018 | Preliminary December 2018 | Net Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dec. 2017 | Nov. 2018 |
|  |  |  |  | Dec. 2018 | Dec. 2018 |
| Total Nonfarm | 999.1 | 1,023.2 | 1,019.5 | 20.4 | -3.7 |
| Total Private | 878.6 | 901.5 | 897.4 | 18.8 | -4.1 |
| Goods-Producing | 124.9 | 125.3 | 123.8 | -1.1 | -1.5 |
| Mining, Logging, \& Construction | 41.7 | 43.3 | 41.9 | 0.2 | -1.4 |
| Manufacturing | 83.2 | 82.0 | 81.9 | -1.3 | -0.1 |
| Durable Goods Manufacturing | 58.9 | 57.6 | 57.4 | -1.5 | -0.2 |
| Nondurable Goods Manufacturing | 24.3 | 24.4 | 24.5 | 0.2 | 0.1 |
| Service-Providing | 874.2 | 897.9 | 895.7 | 21.5 | -2.2 |
| Trade, Transportation, \& Utilities | 193.2 | 200.6 | 200.2 | 7.0 | -0.4 |
| Wholesale Trade | 40.6 | 41.0 | 40.5 | -0.1 | -0.5 |
| Retail Trade | 101.3 | 105.0 | 104.7 | 3.4 | -0.3 |
| Transportation, Warehousing, \& Utilities | 51.3 | 54.6 | 55.0 | 3.7 | 0.4 |
| Information | 23.0 | 23.4 | 23.2 | 0.2 | -0.2 |
| Financial Activities | 66.6 | 66.2 | 66.3 | -0.3 | 0.1 |
| Professional \& Business Services | 165.3 | 173.1 | 173.7 | 8.4 | 0.6 |
| Professional, Scientific, \& Technical Services | 65.2 | 68.4 | 68.7 | 3.5 | 0.3 |
| Management of Companies \& Enterprises | 21.8 | 22.2 | 22.4 | 0.6 | 0.2 |
| Administrative, Support, \& Waste Management | 78.3 | 82.5 | 82.6 | 4.3 | 0.1 |
| Educational \& Health Services | 151.4 | 154.3 | 154.0 | 2.6 | -0.3 |
| Educational Services | 29.1 | 30.0 | 29.6 | 0.5 | -0.4 |
| Health Care \& Social Assistance | 122.3 | 124.3 | 124.4 | 2.1 | 0.1 |
| Leisure \& Hospitality | 113.5 | 115.1 | 112.6 | -0.9 | -2.5 |
| Other Services | 40.7 | 43.5 | 43.6 | 2.9 | 0.1 |
| Government | 120.5 | 121.7 | 122.1 | 1.6 | 0.4 |
| Federal Government | 13.9 | 14.0 | 14.1 | 0.2 | 0.1 |
| State Government | 31.3 | 31.5 | 31.6 | 0.3 | 0.1 |
| Local Government | 75.3 | 76.2 | 76.4 | 1.1 | 0.2 |

Total Nonfarm
Total Private
Goods-Producing
Mining, Logging, \& Construction
Manufacturing
Service-Providing
Trade, Transportation, \& Utilities
Wholesale Trade
Retail Trade
Transportation, Warehousing, \& Utilities
Information
Financial Activities
Professional \& Business Services
Educational \& Health Services
Leisure \& Hospitality
Other Services
Government
Federal Government
State Government
Local Government

| Clarksville, TN-KY MSA |  | Cleveland, TN MSA |  | Jackson, TN MSA |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Nov. 2018 <br> Revised | Dec. 2018 <br> Prelim. | Nov. 2018 <br> Revised | Dec. 2018 <br> Prelim. | Nov. 2018 <br> Revised | Dec. 2018 <br> Prelim. |
| 93,400 | $\mathbf{9 3 , 3 0 0}$ | 49,800 | $\mathbf{5 0 , 9 0 0}$ | 70,600 | $\mathbf{7 0 , 5 0 0}$ |
| 73,700 | $\mathbf{7 3 , 7 0 0}$ | 43,900 | $\mathbf{4 5 , 0 0 0}$ | 56,200 | $\mathbf{5 6 , 1 0 0}$ |
| 16,400 | $\mathbf{1 6 , 6 0 0}$ | 11,400 | $\mathbf{1 1 , 5 0 0}$ | 13,600 | $\mathbf{1 3 , 5 0 0}$ |
| 3,200 | $\mathbf{3 , 2 0 0}$ | 1,900 | $\mathbf{1 , 9 0 0}$ | 2,900 | $\mathbf{2 , 8 0 0}$ |
| 13,200 | $\mathbf{1 3 , 4 0 0}$ | 9,500 | $\mathbf{9 , 6 0 0}$ | 10,700 | $\mathbf{1 0 , 7 0 0}$ |
| 77,000 | $\mathbf{7 6 , 7 0 0}$ | 38,400 | $\mathbf{3 9 , 4 0 0}$ | 57,000 | $\mathbf{5 7 , 0 0 0}$ |
| 18,400 | $\mathbf{1 8 , 1 0 0}$ | 8,700 | $\mathbf{8 , 6 0 0}$ | 13,400 | $\mathbf{1 3 , 4 0 0}$ |
| N.A. | N.A. | 800 | $\mathbf{8 0 0}$ | 2,700 | $\mathbf{2 , 7 0 0}$ |
| 12,900 | $\mathbf{1 2 , 6 0 0}$ | 4,900 | $\mathbf{4 , 8 0 0}$ | 8,800 | $\mathbf{8 , 8 0 0}$ |
| 2,800 | $\mathbf{2 , 8 0 0}$ | 3,000 | $\mathbf{3 , 0 0 0}$ | 1,900 | $\mathbf{1 , 9 0 0}$ |
| 1,100 | $\mathbf{1 , 1 0 0}$ | 300 | $\mathbf{3 0 0}$ | 500 | $\mathbf{5 0 0}$ |
| 3,400 | $\mathbf{3 , 4 0 0}$ | 1,400 | $\mathbf{1 , 4 0 0}$ | 2,100 | $\mathbf{2 , 1 0 0}$ |
| 8,400 | $\mathbf{8 , 5 0 0}$ | 9,100 | $\mathbf{1 0 , 2 0 0}$ | 7,400 | $\mathbf{7 , 4 0 0}$ |
| 12,000 | $\mathbf{1 2 , 1 0 0}$ | 5,500 | $\mathbf{5 , 6 0 0}$ | 11,200 | $\mathbf{1 1 , 3 0 0}$ |
| 10,900 | $\mathbf{1 0 , 8 0 0}$ | 5,100 | $\mathbf{5 , 0 0 0}$ | 6,200 | $\mathbf{6 , 1 0 0}$ |
| 3,100 | $\mathbf{3 , 1 0 0}$ | 2,400 | $\mathbf{2 , 4 0 0}$ | 1,800 | $\mathbf{1 , 8 0 0}$ |
| 19,700 | $\mathbf{1 9 , 6 0 0}$ | 5,900 | $\mathbf{5 , 9 0 0}$ | 14,400 | $\mathbf{1 4 , 4 0 0}$ |
| 1,800 | $\mathbf{5 , 7 0 0}$ | 300 | $\mathbf{3 0 0}$ | 500 | $\mathbf{5 0 0}$ |
| 3,600 | $\mathbf{3 , 5 0 0}$ | 900 | $\mathbf{9 0 0}$ | 2,100 | $\mathbf{2 , 1 0 0}$ |
| 10,300 | $\mathbf{1 0 , 4 0 0}$ | 4,700 | $\mathbf{4 , 7 0 0}$ | 11,800 | $\mathbf{1 1 , 8 0 0}$ |


|  | Johnson City, TN MSA |  | Kingsport-Bristol, TN-VA MSA |  | Morristown, TN MSA |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nov. 2018 <br> Revised | Dec. 2018 Prelim. | Nov. 2018 Revised | Dec. 2018 <br> Prelim. | Nov. 2018 Revised | Dec. 2018 <br> Prelim. |
| Total Nonfarm | 81,000 | 81,100 | 125,000 | 124,500 | 47,900 | 48,000 |
| Total Private | 64,100 | 63,900 | 108,100 | 107,500 | 41,100 | 41,200 |
| Goods-Producing | 10,000 | 10,000 | 28,200 | 28,200 | 13,700 | 13,900 |
| Mining, Logging, \& Construction | 2,300 | 2,300 | 7,000 | 7,000 | 2,000 | 2,000 |
| Manufacturing | 7,700 | 7,700 | 21,200 | 21,200 | 11,700 | 11,900 |
| Service-Providing | 71,000 | 71,100 | 96,800 | 96,300 | 34,200 | 34,100 |
| Trade, Transportation, \& Utilities | 13,800 | 13,800 | 25,600 | 25,600 | 10,200 | 10,200 |
| Wholesale Trade | 2,200 | 2,200 | 4,300 | 4,400 | 1,700 | 1,700 |
| Retail Trade | 10,600 | 10,600 | 16,000 | 15,900 | 5,900 | 5,900 |
| Transportation, Warehousing, \& Utilities | 1,000 | 1,000 | 5,300 | 5,300 | 2,600 | 2,600 |
| Information | 1,300 | 1,300 | 1,200 | 1,200 | 300 | 300 |
| Financial Activities | 4,300 | 4,300 | 3,700 | 3,600 | 1,000 | 1,000 |
| Professional \& Business Services | 8,600 | 8,500 | 10,700 | 10,700 | 4,200 | 4,200 |
| Educational \& Health Services | 13,900 | 13,900 | 18,600 | 18,500 | 6,500 | 6,500 |
| Leisure \& Hospitality | 9,900 | 9,800 | 14,000 | 13,600 | 3,900 | 3,800 |
| Other Services | 2,300 | 2,300 | 6,100 | 6,100 | 1,300 | 1,300 |
| Government | 16,900 | 17,200 | 16,900 | 17,000 | 6,800 | 6,800 |
| Federal Government | 3,000 | 3,000 | 900 | 900 | 300 | 300 |
| State Government | 6,300 | 6,400 | 2,700 | 2,700 | 1,400 | 1,400 |
| Local Government | 7,600 | 7,800 | 13,300 | 13,400 | 5,100 | 5,100 |

[^1]
## U.S. Consumer Price Index - December 2018



HOURS AND EARNINGS OF PRODUCTION WORKERS

|  | AVERAGE WEEKLY EARNINGS |  |  | AVG. HOURLY EARNINGS |  |  | AVG. WEEKLY HOURS |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dec. $2017$ | $\begin{aligned} & \text { Nov. } \\ & 2018 \end{aligned}$ | $\begin{gathered} \text { Dec. } \\ 2018 \end{gathered}$ | Dec. 2017 | Nov. 2018 | Dec. 2018 | Dec. 2017 | Nov . $2018$ | Dec. $2018$ |
| Manufacturing | \$870.10 | \$860.71 | \$857.00 | \$19.82 | \$19.97 | \$20.26 | 43.9 | 43.1 | 42.3 |
| Durable Goods Manufacturing | \$901.94 | \$895.88 | \$891.26 | \$20.83 | \$21.03 | \$21.12 | 43.3 | 42.6 | 42.2 |
| Non-Durable Goods Manufacturing | \$817.18 | \$801.68 | \$797.97 | \$18.20 | \$18.22 | \$18.82 | 44.9 | 44.0 | 42.4 |

## ALL EMPLOYEE HOURS AND EARNINGS

Total Private
Goods-Producing
Mining, Logging and Construction
Manufacturing
Private Service-Providing
Trade, Transportation, and Utilities
Information
Financial Activities
Professional and Business Services
Education and Health Services
Leisure and Hospitality
Other Services

| AVERAGE WEEKLY EARNINGS |  |  | AVG. HOURLY EARNINGS |  |  | AVG. WEEKLY HOURS |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dec. $2017$ | $\begin{aligned} & \text { Nov. } \\ & 2018 \\ & \hline \end{aligned}$ | Dec. $2018$ | Dec. $2017$ | Nov . $2018$ | Dec. $2018$ | Dec. $2017$ | Nov . $2018$ | Dec. $2018$ |
| \$813.66 | \$844.02 | \$860.10 | \$22.92 | \$23.91 | \$24.16 | 35.5 | 35.3 | 35.6 |
| \$1,027.65 | \$1,037.50 | \$ 1,046.25 | \$24.18 | \$24.94 | \$25.09 | 42.5 | 41.6 | 41.7 |
| \$1,032.04 | \$1,044.34 | \$ 1,050.01 | \$24.69 | \$25.85 | \$25.61 | 41.8 | 40.4 | 41.0 |
| \$1,024.80 | \$1,036.50 | \$ 1,043.73 | \$24.00 | \$24.62 | \$24.91 | 42.7 | 42.1 | 41.9 |
| \$767.38 | \$801.06 | \$ 817.72 | \$22.57 | \$23.63 | \$23.91 | 34.0 | 33.9 | 34.2 |
| \$711.31 | \$729.98 | \$730.51 | \$20.44 | \$21.47 | \$21.36 | 34.8 | 34.0 | 34.2 |
| \$1,153.86 | \$1,176.91 | \$1,205.13 | \$31.27 | \$30.89 | \$31.06 | 36.9 | 38.1 | 38.8 |
| \$1,078.23 | \$1,230.85 | \$ 1,269.86 | \$28.30 | \$31.97 | \$32.23 | 38.1 | 38.5 | 39.4 |
| \$998.98 | \$1,034.86 | \$ 1,073.86 | \$27.52 | \$27.67 | \$28.56 | 36.3 | 37.4 | 37.6 |
| \$785.35 | \$809.51 | \$ 830.97 | \$22.83 | \$23.67 | \$23.81 | 34.4 | 34.2 | 34.9 |
| \$374.45 | \$425.02 | \$ 425.47 | \$14.13 | \$15.80 | \$15.70 | 26.5 | 26.9 | 27,1 |
| \$700.71 | \$690.32 | \$714.52 | \$20.67 | \$21.64 | \$22.54 | 33.9 | 31.9 | 31.7 |


 (Seasonally Adjusted/ TNSolidLine)



[^0]:    *2016 Census changes: Micropolitan Areas-Dayton and Brownsville added, Columbia, Harriman, Humboldt, LaFollette deleted. Cities: Mount Juliet added and Union City deleted..

[^1]:    Clarksville MSA is Montgomery County, Christian County, KY, \& Trigg County, KY. Cleveland MSA is Bradley \& Polk counties. Jackson MSA is Chester, Crockett, \& Madison counties. Johnson City MSA is Carter, Unicoi, \& Washington counties. Kingsport-Bristol MSA is Hawkins County, Sullivan County, Scott County, VA, Washington County, VA, \& Bristol City, VA. Morristown MSA is Hamblen \& Jefferson counties.

