

December 2018

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Department of Labor and Workforce Development

The Labor Market Report

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 28th. 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 25th, 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 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 interest-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 offering 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.

Dec Dec

(NUMBERS IN THOUSANDS) MONTHLY DATA NOT SEASONALLY ADJUSTED								
			Civil	ian Labor Foi				
				Employed			Unen	ployed
Year			N	onfarm Empl	oyment			
and		Employ-		**Manu-				Rate
Month	Total	ment	Total	facturing	**Trade	**Services	Number	(%)
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	5.3
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	5.3
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	5.3
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	433.3	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
Mav	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	3.3
December (p)	3,253.2	3,154.7	3,117.4	355.6	468.5	1,331.6	98.5	3.0
						, ,,,,,,		

County	2017	2018
Anderson	3.2	3.2
Bedford	3.1	3.1
Benton	5.0	3.8
Bledsoe	5.3	5.4
Blount	3.0	2.9
Bradley	2.8	2.9
Campbell	4.1	4.3
Cannon	2.8	2.7
Carroll	4.4	4.4
Carter	3.8	3.8
Cheatham	2.3	2.4
Chester	3.3	3.1
Claiborne	3.9	4.0
Clay	4.6	4.5
Cocke	4.2	4.0
Coffee	3.0	2.9
Crockett	3.4	3.3
Cumberland	4.1	4.2
Davidson	2.3	2.3
Decatur	4.6	4.2
DeKalb	3.9	3.8
Dickson	2.8	2.5
Dyer	4.1	4.3
Fayette	3.6	3.3
Fentress	3.9	4.0
Franklin	3.1	2.8
Gibson	3.8	4.0
Giles	3.2	3.1
Grainger	3.3	3.5
Greene	4.0	4.4
Grundy	4.2	3.7
Hamblen	3.4	3.3
Hamilton	3.0	2.9
Hancock	4.3	5.7
Hardeman	5.0	4.9
Hardin	3.9	4.0
Hawkins	3.5	3.4
Haywood	4.7	4.6
Henderson	4.4	4.3
Henry	3.9	3.7
Hickman	2.8	2.8
Houston	5.4	4.3
Humphreys	3.9	3.5
Jackson	4.1	4.1
Jefferson	3.2	3.2
Johnson	3.3	3.1
Knox Lake	2.6	2.5
Lаке	4.8	5.5

	Dec	Dec
County	2017	2018
Lauderdale	5.1	5.6
Lawrence	3.9	3.5
Lewis	4.2	3.9
Lincoln	2.8	2.7
Loudon	3.0	2.9
Macon	2.7	2.7
Madison	3.4	3.2
Marion	4.2	4.0
Marshall	2.9	2.8
Maury	3.1	2.6
McMinn	3.8	3.6
McNairy	4.8	5.1
Meigs	4.2	4.1
Monroe	3.3	3.2
Montgomery	3.4	3.3
Moore	2.5	2.5
Morgan	4.1	3.8
Obion	4.5	4.4
Overton	3.2	3.2
Perry	3.9	4.5
Pickett	3.5	3.9
Polk	3.9	3.5
Putnam	2.9	2.9
Rhea	5.6	5.1
Roane	3.6	3.7
Robertson	2.8	2.7
Rutherford	2.3	2.3
Scott	3.7	3.9
Sequatchie	4.4	3.7
Sevier	2.9	2.8
Shelby	3.6	3.6
Smith	2.8	2.5
Stewart	4.4	4.3
Sullivan	3.3	3.3
Sumner	2.5	2.4
Tipton	3.9	3.6
Trousdale	3.0	2.9
Unicoi	4.5	4.7
Union	3.7	3.6
Van Buren	3.6	4.1
Warren	3.2	3.6
Washington	3.2	3.1
Wayne	4.5	4.8
Weakley	3.6	3.5
White	3.3	3.3
Williamson	2.2	2.1
Wilson	2.4	2.4
*Data Not Seaso	nally A	ljusted

(r)=revised

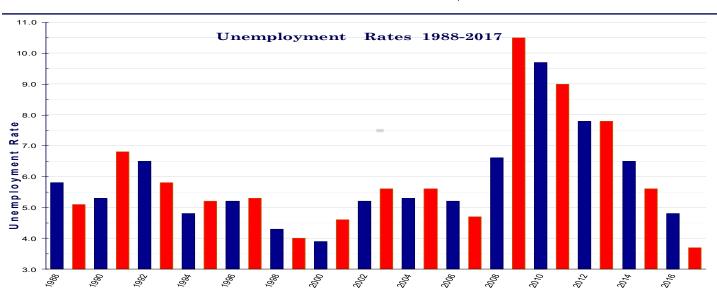
(p)=preliminary

Trade = Wholesale and Retail Trade

**These industries not comparable to industry employment data before

1990 because of changes to NAICS coding system.

Services = Professional/Business Services, Educational/Health Services,
Leisure/Hospitality, and Other Services.



Statewide

ESTIMATED NONFARI	M EMPL						
Industry	December 2017	Revised November 2018	Preliminary December 2018	Net Cha Dec. 2017 Dec. 2018	nge Nov. 2018 Dec. 2018		
Total Nonfarm	3,061.3	3,130.6	3,117.4	56.1	-13.2		
Total Private Goods-Producing	2,620.0	2,683.6	2,673.2	53.2 10.5	-10.4		
Mining, Logging, & Construction	474.0 124.4	487.0 130.3	484.5 128.9	4.5	-2.5 -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 Heavy and Civil Engineering Construction	26.0 14.7	26.4 15.8	26.8 14.8	0.8	0.4 -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 Nonmetallic Mineral Product Manufacturing	12.4 13.7	12.9 14.2	12.7 14.2	0.3 0.5	-0.2 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 Electrical Equipment & Appliance Manufacturing	4.8 19.2	4.9 19.4	4.9 19.2	0.1	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	0.0		
Miscellaneous Manufacturing Durable Goods Nondurable Goods Manufacturing	16.2 127.5	16.5 128.9	16.5 129.5	0.3 2.0	0.0		
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 Plastics & Rubber Products Manufacturing	24.9 24.6	25.2 25.1	25.2 25.2	0.3	0.0		
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 Merchant Wholesalers, Durable Goods	121.6 63.3	124.6 65.9	123.2 65.4	1.6 2.1	-1.4 -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 Furniture & Home Furnishings Stores	46.9 10.0	47.3 9.9	46.9 10.2	0.0	-0.4 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 Gasoline Stations	24.9 22.3	24.7 23.8	25.1 22.7	0.2	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 Nonstore Retailers	17.5 10.8	18.3 11.2	17.7 11.1	0.2	-0.6 -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 Finance & Insurance	159.6 119.4	161.1 118.9	161.8 118.9	2.2 -0.5	0.7		
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 Administrative, Support, & Waste Management	46.5	48.2	48.6	2.1	0.4		
Educational & Health Services	233.6 440.2	238.2 443.9	237.5 441.8	3.9 1.6	-0.7 -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 Hospitals	152.4	152.3	151.7	-0.7 1.8	-0.6		
Nursing & Residential Care Facilities	111.7 62.2	113.2 62.8	113.5 62.2	0.0	0.3 -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 Accommodation & Food Services	35.5 296.1	38.2 312.8	34·7 312.7	-0.8 16.6	-3.5 -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 Federal Government	441.3 49.0	447.0 49.9	444.2 50.2	2.9 1.2	-2.8 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 NARRATIVE

Total 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 12th of the month. This is a count of jobs by place of work. Agricultural workers, proprietors, self-employed 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 FORCE

CIVILIAN LABOR FORCE SUMMARY

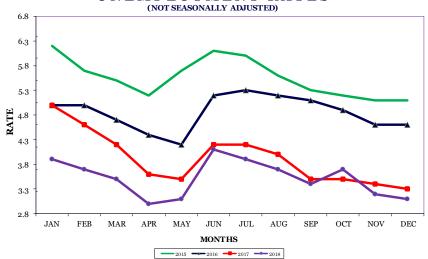
		December	2017		ľ	Vovember	2018			December	2018	
	Labor Force	Employment	Unemployed	Rate	Labor Force	Employment	Unemployed	Rate	Labor Force	Employment	Unemployed	Rate
Seasonally Adj	usted											
U.S.	160,636,000	154,065,000	6,572,000	4.1	162,821,00	156,803,00	6,018,000	3.7	163,240,000	156 045 000	6,294,000	3.9
TENNESSEE	3,218,600	3,111,800	106,700	3.3	3,256,200	3,137,600	118,600	3.6	3,260,000	3,143,900	116,100	3.6
Not Seasonally	Adjusted											
U.S.	159,880,000	153,602,000	6,278,000	3.9	162,665,000	157,015,000	5,650,000	3.5	162,510,000	156,481,000	6,029,000	3.7
TENNESSEE	3,202,700	3,103,700	99,000	3.1	3,261,900	3,154,200	107,700	3.3	3,253,200	3,154,700	98,500	3.0
Metropolitan S	Statistical Area	S										
Chattanooga	268,120	259,170	8,950	3.3	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 Jackson	60,260	58,470	1,790	3.0	60,040	58,020	2,020	3.4	60,870	59,040	1,820	3.0
Johnson City	63,780 89,950	61,590 86,850	2,180 3,110	3.4	64,780 90,690	62,520 87,380	2,270 3,310	3.5 3.6	64,770 90,730	62,700 87,640	2,070 3,090	3.2 3.4
Kingsport	136,440	131,760	4,680	3.5 3.4	139,430	134,750	4,680	3.4	139,210	134,580	4,630	3.3
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 S	Statistical Area	s										
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 *Dayton	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 16,080	12,350 15,420	730 660	5.6 4.1	13,090 16,340	12,480 15,590	610 750	4.6 4.6	13,140 16,260	12,470 15,550	670 710	5.1 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 Martin	15,650	15,190	460	2.9	15,940	15,430	510	3.2	15,940	15,490	450	2.8
McMinnville	15,780 16,740	15,210 16,200	570 540	3.6 3.2	16,210 16,700	15,580 16,060	630 640	3.9 3.8	15,980 16,530	15,420 15,950	560 590	3.5 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 Shelbyville	51,400	49,910	1,490	2.9	52,470	50,990	1,480	2.8	52,360	50,920	1,440	2.8
Tullahoma	20,480 48,330	19,840 46,880	640 1,450	3.1 3.0	21,000 49,400	20,270 47,810	730 1,590	3.5 3.2	20,840 49,120	20,190 47,720	650 1,410	3.1 2.9
Cities	1 - 700 -	1-7-	710-	U -	1971	1//	7,00		127	1777	71 -	
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
Celliamilla	21,630	21,010	630	2.9	21,600	20,840	760 7 00	3.5	21,890	21,210	680	3.1
Collierville Columbia	25,470	24,840 17,100	630 630	2.5 3.6	25,940 18,070	25,230 17,470	700 600	2.7 3.3	25,840 17,990	25,230 17,460	610 530	2.4 2.9
Cookeville	17,730 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 22,480	30,320 21,690	930 790	3.0 3.5	31,580 22,950	30,490 22,120	1,090 840	3.5 3.6	31,540 22,920	30,590 22,090	950 820	3.0 3.6
Kingsport 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 Nashville	74,290 389,870	72,600 381,000	1,690 8,870	2.3 2.3	76,210 399,280	74,110 389,030	2,090 10,250	2.7 2.6	75,930 398,500	74,140 389,440	1,790 9,070	2.4 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
*2016 Census chan	nges: Micropolita r	Areas -Dayton a	nd Brownsville a	dded, Co	lumbia, Harrimar	ı, Humboldt, LaF	ollette deleted. (Cities: M	Iount Juliet added	l and Union City d	eleted	

Chattanooga MSA

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 service-providing jobs increased by 1,800.

CHATTANOOGA MSA UNEMPLOYMENT RATES



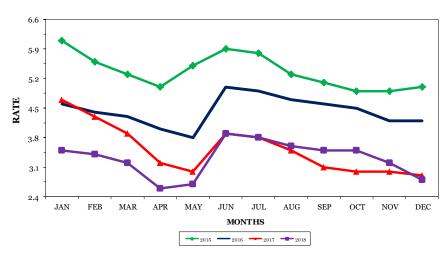
In directors	December	Revised November	Preliminary December		Change Nov. 2018
Industry	December 2017	2018	2018	Dec. 2017 Dec. 2018	Nov. 2018 Dec. 2018
Total Nonfarm	261.7	267.1	265.1	3.4	-2.0
Total Private	223.8	228.0	226. 7	2.9	-1.3
Goods-Producing	44.1	45.8	45· 7	1.6	-0.1
Mining, Logging, & Construction	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 service-providing jobs increased by 400.

KNOXVILLE MSA UNEMPLOYMENT RATES

(NOT SEASONALLY ADJUSTED)



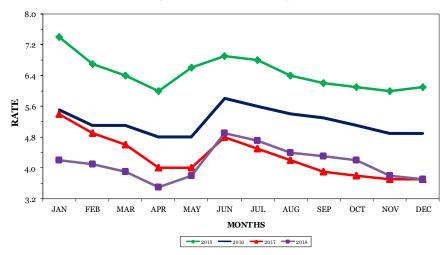
		Revised	Preliminary	Net	Change
Industry	December	November	December	Dec. 2017	Nov. 2018
	2017	2018	2018	Dec. 2018	Dec. 2018
Total Nonfarm	400.1	404.6	403.3	3.2	-1.3
Total Private	340.2	342.5	343.3	3.1	0.8
Goods-Producing	58.5	60.9	61.3	2.8	0.4
Mining, Logging, & Construction	19.3	19.7	20.2	0.9	0.5
Manufacturing	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 7	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.

MEMPHIS MSA UNEMPLOYMENT RATES (NOT SEASONALLY ADJUSTED)



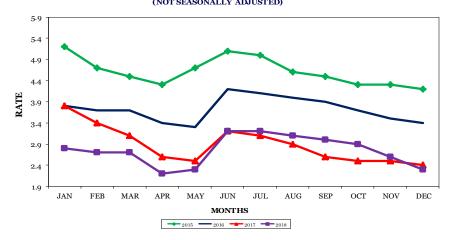
Industry	December	Revised November	Preliminary December	Dec. 2017	Change Nov. 2018
	2017	2018	2018	Dec. 2018	Dec. 2018
Total Nonfarm	657.6	670.3	667.5	9.9	-2.8
Total Private	573.1	582.7	581.4	8.3	-1.3
Goods-Producing	67.9	69.9	69.4	1.5	-0.5
Mining, Logging, & Construction	22.7	23.8	23.3	0.6	-0.5
Manufacturing	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

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.

NASHVILLE MSA UNEMPLOYMENT RATES (NOT SEASONALLY ADJUSTED)



Industry	December	Revised	Preliminary	Net Change	
mustry	December	November	December	Dec. 2017	Nov. 2018
	2017	2018	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



	Clarksville, TN-KY MSA		Cleveland	, TN MSA	Jackson, TN MSA	
	Nov. 2018	Dec. 2018	Nov. 2018	Dec. 2018	Nov. 2018	Dec. 2018
	Revised	Prelim.	Revised	Prelim.	Revised	Prelim.
Total Nonfarm	93,400	93,300	49,800	50,900	70,600	70,500
Total Private	73,700	73,700	43,900	45,000	56,200	56,100
Goods-Producing	16,400	16,600	11,400	11,500	13,600	13,500
Mining, Logging, & Construction	3,200	3,200	1,900	1,900	2,900	2,800
Manufacturing	13,200	13,400	9,500	9,600	10,700	10,700
Service-Providing	77,000	76,700	38,400	39,400	57,000	57,000
Trade, Transportation, & Utilities	18,400	18,100	8,700	8,600	13,400	13,400
Wholesale Trade	N.A.	N.A.	800	800	2,700	2,700
Retail Trade	12,900	12,600	4,900	4,800	8,800	8,800
Transportation, Warehousing, & Utilities	2,800	2,800	3,000	3,000	1,900	1,900
Information	1,100	1,100	300	300	500	500
Financial Activities	3,400	3,400	1,400	1,400	2,100	2,100
Professional & Business Services	8,400	8,500	9,100	10,200	7,400	7,400
Educational & Health Services	12,000	12,100	5,500	5,600	11,200	11,300
Leisure & Hospitality	10,900	10,800	5,100	5,000	6,200	6,100
Other Services	3,100	3,100	2,400	2,400	1,800	1,800
Government	19,700	19,600	5,900	5,900	14,400	14,400
Federal Government	5,800	5,700	300	300	500	500
State Government	3,600	3,500	900	900	2,100	2,100
Local Government	10,300	10,400	4,700	4,700	11,800	11,800

	Johnson Ci	ty, TN MSA	Kingsport-Bristol, TN-VA MSA		Morristown, TN MSA	
	Nov. 2018	Dec. 2018	Nov. 2018	Dec. 2018	Nov. 2018	Dec. 2018
	Revised	Prelim.	Revised	Prelim.	Revised	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

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.

U.S. Consumer	Drice In	ndey — D	ecember	2018
Uidi Uullaulliel	riice III	IUCA — D	CCCIIINCI	2010

	All U	rban Consun	iers	Wage & Clerical Earners				
		Percent	Change	Percent		t Change		
Group	Index	Yearly	Monthly	Index	Yearly	Monthly		
U.S. City Average								
All Items (1982-84=100)	251.233	1.9	-0.3	244.786	1.8	-0.5		
Food and beverages	255.023	1.6	0.3	253.949	1.6	0.3		
Housing	261.360	3.0	0.3	257.605	2.9	0.3		
Apparel	120.526	-0.1	-3.5	120.359	-0.2	-3.5		
Transportation	204.541	0.7	-2.6	203.389	0.7	-2.9		
Medical care	487.409	2.0	0.1	491.376	2.0	0.1		
South								
All Items (1982-84=100)	242.150	1.5	-0.5	237.492	1.3	-0.7		
Food and beverages	252.613	1.5	0.4	251.414	1.4	0.4		
Housing	240.366	26	0.3	240.617	2.5	0.2		
Apparel	129.644	0.7	3.5	127.998	0.0	-4.1		
Transportation	203.286	-0.2	0.7	200.389	-0.3	-3.5		
Medical care	463.428	1.5	-0.1	471.434	1.5	-0.1		

HOURS AND EARNINGS OF PRODUCTION WORKERS

	AVERAGE WEEKLY EARNINGS			AVG. HOURLY EARNINGS			AVG. WEEKLY HOURS		
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
	2017	2018	2018	2017	2018	2018	2017	2018	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

	AVERAGE WEEKLY EARNINGS			AVG. HOURLY EARNINGS			AVG. WEEKLY HOURS		
	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.
	2017	2018	2018	2017	2018	2018	2017	2018	2018
Total Private	\$813.66	\$844.02	\$860.10	\$22.92	\$23.91	\$24.16	35.5	35.3	35.6
Goods-Producing	\$1,027.65	\$1,037.50	\$1,046.25	\$24.18	\$24.94	\$25.09	42.5	41.6	41.7
Mining, Logging and Construction	\$1,032.04	\$1,044.34	\$1,050.01	\$24.69	\$25.85	\$25.61	41.8	40.4	41.0
Manufacturing	\$1,024.80	\$1,036.50	\$1,043.73	\$24.00	\$24.62	\$ 24.91	42.7	42.1	41.9
Private Service-Providing	\$767.38	\$801.06	\$817.72	\$22.57	\$23.63	\$23.91	34.0	33.9	34.2
Trade, Transportation, and Utilities	\$711.31	\$729.98	\$730.51	\$20.44	\$21.47	\$21.36	34.8	34.0	34.2
Information	\$1,153.86	\$1,176.91	\$1,205.13	\$31.27	\$30.89	\$31.06	36.9	38.1	38.8
Financial Activities	\$1,078.23	\$1,230.85	\$1,269.86	\$28.30	\$31.97	\$32.23	38.1	38.5	39.4
Professional and Business Services	\$998.98	\$1,034.86	\$1,073.86	\$27.52	\$27.67	\$28.56	36.3	37.4	37.6
Education and Health Services	\$785.35	\$809.51	\$830.97	\$22.83	\$23.67	\$23.81	34.4	34.2	34.9
Leisure and Hospitality	\$374.45	\$425.02	\$425.47	\$14.13	\$15.80	\$15.70	26.5	26.9	27.1
Other Services	\$700.71	\$690.32	\$714.52	\$20.67	\$21.64	\$22.54	33.9	31.9	31.7

TENNESSEE & UNITED STATES UNEMPLOYMENT RATES (Seasonally Adjusted/TN Solid Line)

