# **TENNESSEE ECONOMIC ANALYSIS**

# December 2019

# NOT TO BE RELEASED BEFORE:

TIME: 1:30 PM CT

DAY: Thursday, January 23, 2020

## Prepared by:

**Tennessee Department of Labor and Workforce Development** 

Workforce Insights, Research and Reporting Engine Division

## Table of Contents

| Economic Indicators                                     | Page |
|---|------|
| Briefing Packet Summary                                 | 1    |
| Labor Force Estimates Summary - Household Survey        | 2    |
| Seasonally Adjusted Nonfarm Employment                  | 3    |
| Major Changes in Seasonally Adjusted Nonfarm Employment | 3    |
| Business Survey - Not Seasonally Adjusted               | 4-5  |
|   |      |
| Appendix  |      |
| Unemployment Rates, 2008 - 2019                         | 6    |
| Hours and Earnings of Production Workers                | 7    |
|   |      |
| <u>Graphs</u>   |      |
| Tennessee Unemployment Rates                            | 8    |
| Unemployment Rates - U.S. and Tennessee                 | 8    |
| Goods - Producing Jobs in Tennessee                     | 9    |
| Service - Providing Jobs in Tennessee                   | 9    |

#### **BRIEFING PACKET SUMMARY**

#### December 2019 pre.

#### **Unemployment Rates**

| Tennessee               | December 2018 | November 2019 rev. | December 2019 pre. | Change From: |           |  |
|-------------------------|---------------|--------------------|--------------------|--------------|-----------|--|
|                         |               |                    | •                  | Year Ago     | Month Ago |  |
| Not Seasonally Adjusted | 3.0%          | 3.1%               | 3.1%               | 0.1%         | 0.0%      |  |
| Seasonally Adjusted     | 3.3%          | 3.3%               | 3.3%               | 0.0%         | 0.0%      |  |
| United States           |               |                    |                    |              |           |  |
| Not Seasonally Adjusted | 3.7%          | 3.3%               | 3.4%               | -0.3%        | 0.1%      |  |
| Seasonally Adjusted     | 3.9%          | 3.5%               | 3.5%               | -0.4%        | 0.0%      |  |

#### Hours and Earnings of Production Workers (Manufacturing)

| Tennessee               | November 2019 rev. | December 2019 pre. | Change  |
|-------------------------|--------------------|--------------------|---------|
| Average Weekly Earnings | \$856.24           | \$870.68           | \$14.44 |
| Average Weekly Hours    | 42.2               | 41.9               | -0.3    |
| Average Hourly Earnings | \$20.29            | \$20.78            | \$0.49  |

#### **United States**

| Average Weekly Earnings | \$934.50 | \$947.94 | \$13.44 |
|-------------------------|----------|----------|---------|
| Average Weekly Hours    | 41.7     | 42.0     | 0.3     |
| Average Hourly Earnings | \$22.41  | \$22.57  | \$0.16  |

#### **Summary**

Tennessee's December seasonally adjusted unemployment rate remained the same at 3.3% from the revised November seasonally adjusted unemployment rate.

Over the past year, Tennessee's seasonally adjusted unemployment rate remained the same at 3.3% while the national rate declined from 3.9% to 3.5%.

Total nonfarm employment increased 2,000 jobs from November to December. The largest increases occurred in manufacturing, trade/transportation/utilities, and leisure/hospitality.

Over the year, nonfarm employment increased 49,200 jobs. The largest increases occurred in leisure/hospitality, professional/business services, and trade/transportation/utilities.

### LABOR FORCE ESTIMATES SUMMARY

### HOUSEHOLD SURVEY

| Tennessee*<br>Not Seasonally Adjusted | December<br>2018 | Revised<br>November<br>2019 | Preliminary<br>December<br>2019 | •                     | e from December<br>December 2019 | •     | from November<br>December 2019 |
|---------------------------------------|------------------|-----------------------------|---------------------------------|-----------------------|----------------------------------|-------|--------------------------------|
| Civilian Labor Force                  | 3,245,759        | 3,355,736                   | 3,358,778                       | 113,019               | 3.5%                             | 3,042 | 0.1%                           |
| Employment                            | 3,148,104        | 3,252,828                   | 3,253,788                       | 105,684               | 3.4%                             | 960   | 0.0%                           |
| Unemployment                          | 97,655           | 102,908                     | 104,990                         | 7,335                 | 7.5%                             | 2,082 | 2.0%                           |
| Unemployment Rate                     | 3.0%             | 3.1%                        | 3.1%                            | 0.1 percentage points |                                  | 0.0   | percentage points              |
| Seasonally Adjusted                   |                  |                             |                                 |                       |                                  |       |                                |
| Civilian Labor Force                  | 3,255,650        | 3,363,560                   | 3,368,072                       | 112,422               | 3.5%                             | 4,512 | 0.1%                           |
| Employment                            | 3,147,513        | 3,250,988                   | 3,256,382                       | 108,869               | 3.5%                             | 5,394 | 0.2%                           |
| Unemployment                          | 108,137          | 112,572                     | 111,690                         | 3,553                 | 3.3%                             | -882  | -0.8%                          |
| Unemployment Rate                     | 3.3%             | 3.3%                        | 3.3%                            | 0.0                   | percentage points                | 0.0   | percentage points              |

| United States **<br>Not Seasonally Adjusted | December<br>2018 | Revised<br>November<br>2019 | Preliminary<br>December<br>2019 | •                      | from December<br>December 2019 | Change from November 2019 to December 2019 |                   |  |
|---|------------------|-----------------------------|---------------------------------|------------------------|--------------------------------|--|-------------------|--|
| Civilian Labor Force                        | 162,510,000      | 164,386,000                 | 164,007,000                     | 1,497,000              | 0.9%                           | -379,000                                   | -0.2%             |  |
| Employment                                  | 156,481,000      | 158,945,000                 | 158,504,000                     | 2,023,000              | 1.3%                           | -441,000                                   | -0.3%             |  |
| Unemployment                                | 6,029,000        | 5,441,000                   | 5,503,000                       | -526,000               | -8.7%                          | 62,000                                     | 1.1%              |  |
| Unemployment Rate                           | 3.7%             | 3.3%                        | 3.4%                            | -0.3 percentage points |                                | 0.1  | percentage points |  |
| Seasonally Adjusted                         |                  |                             |                                 | ł                      |                                |  |                   |  |
| Civilian Labor Force                        | 163,111,000      | 164,347,000                 | 164,556,000                     | 1,445,000              | 0.9%                           | 209,000                                    | 0.1%              |  |
| Employment                                  | 156,825,000      | 158,536,000                 | 158,803,000                     | 1,978,000              | 1.3%                           | 267,000                                    | 0.2%              |  |
| Unemployment                                | 6,286,000        | 5,811,000                   | 5,753,000                       | -533,000               | -8.5%                          | -58,000                                    | -1.0%             |  |
| Unemployment Rate                           | 3.9%             | 3.5%                        | 3.5%                            | -0.4                   | percentage points              | 0.0  | percentage points |  |

\* Error range for Tennessee estimates cannot be computed

\*\* Error range for U.S. estimates is +/- 0.2%

#### Seasonally Adjusted Nonfarm Employment

| nally Adjusted Nonfarm Employment                | Annual C                                 | hange   | Monthly Change   |                                   |        |                                   |        |
|--|--|---------|------------------|-----------------------------------|--------|-----------------------------------|--------|
| (numbers in thousands)                           |  |         |                  | December 2018 to<br>December 2019 |        | November 2019 to<br>December 2019 |        |
|  | December November D<br>2018 2019<br>rev. |         | December<br>2019 | Net Chg.                          | % chg. | Net Chg.                          | % chg. |
| otal Non-Farm                                    | 3,087.3                                  | 3,134.5 | 3,136.5          | 49.2                              | 1.6%   | 2.0                               | 0.1%   |
| Mining, Logging, and Construction                | 131.4                                    | 128.6   | 128.6            | -2.8                              | -2.1%  | 0.0                               | 0.0%   |
| Manufacturing                                    | 353.3                                    | 357.0   | 359.3            | 6.0                               | 1.7%   | 2.3                               | 0.6%   |
| Durable Goods Manufacturing                      | 225.9                                    | 227.2   | 228.2            | 2.3                               | 1.0%   | 1.0                               | 0.4%   |
| Non-Durable Goods Manufacturing                  | 127.4                                    | 129.8   | 131.1            | 3.7                               | 2.9%   | 1.3                               | 1.0%   |
| Trade, Transportation, and Utilities             | 633.8                                    | 639.0   | 640.9            | 7.1                               | 1.1%   | 1.9                               | 0.3%   |
| Wholesale Trade                                  | 120.6                                    | 119.4   | 119.8            | -0.8                              | -0.7%  | 0.4                               | 0.3%   |
| Retail Trade                                     | 340.3                                    | 342.1   | 343.2            | 2.9                               | 0.9%   | 1.1                               | 0.3%   |
| Transportation, Warehousing, and Utilities       | 172.9                                    | 177.5   | 177.9            | 5.0                               | 2.9%   | 0.4                               | 0.2%   |
| Information                                      | 45.4                                     | 48.4    | 47.5             | 2.1                               | 4.6%   | -0.9                              | -1.9%  |
| Financial Activities                             | 164.5                                    | 168.7   | 168.2            | 3.7                               | 2.2%   | -0.5                              | -0.3%  |
| Finance and Insurance                            | 122.1                                    | 125.6   | 125.5            | 3.4                               | 2.8%   | -0.1                              | -0.1%  |
| Real Estate, Rental, and Leasing                 | 42.4                                     | 43.1    | 42.7             | 0.3                               | 0.7%   | -0.4                              | -0.9%  |
| Professional and Business Services               | 419.9                                    | 428.0   | 427.3            | 7.4                               | 1.8%   | -0.7                              | -0.2%  |
| Professional, Scientific, and Technical Services | 141.8                                    | 147.4   | 146.9            | 5.1                               | 3.6%   | -0.5                              | -0.3%  |
| Management of Companies and Enterprises          | 51.2                                     | 53.0    | 53.4             | 2.2                               | 4.3%   | 0.4                               | 0.8%   |
| Administrative, Support, and Waste Services      | 226.9                                    | 227.6   | 227.0            | 0.1                               | 0.0%   | -0.6                              | -0.3%  |
| Education and Health Services                    | 435.5                                    | 441.3   | 441.2            | 5.7                               | 1.3%   | -0.1                              | 0.0%   |
| Educational Services                             | 59.3                                     | 60.5    | 59.9             | 0.6                               | 1.0%   | -0.6                              | -1.0%  |
| Health Care and Social Assistance                | 376.2                                    | 380.8   | 381.3            | 5.1                               | 1.4%   | 0.5                               | 0.1%   |
| Leisure and Hospitality                          | 346.9                                    | 362.2   | 362.8            | 15.9                              | 4.6%   | 0.6                               | 0.2%   |
| Arts, Entertainment, and Recreation              | 39.8                                     | 47.4    | 47.3             | 7.5                               | 18.8%  | -0.1                              | -0.2%  |
| Accommodation and Food Services                  | 307.1                                    | 314.8   | 315.5            | 8.4                               | 2.7%   | 0.7                               | 0.2%   |
| Other Services                                   | 120.2                                    | 120.1   | 120.0            | -0.2                              | -0.2%  | -0.1                              | -0.1%  |
| Government                                       | 436.4                                    | 441.2   | 440.7            | 4.3                               | 1.0%   | -0.5                              | -0.1%  |
| Federal Government                               | 49.8                                     | 50.3    | 50.1             | 0.3                               | 0.6%   | -0.2                              | -0.4%  |
| State Government                                 | 98.7                                     | 100.2   | 99.8             | 1.1                               | 1.1%   | -0.4                              | -0.4%  |
| Local Government                                 | 287.9                                    | 290.7   | 290.8            | 2.9                               | 1.0%   | 0.1                               | 0.0%   |

### Major Changes in Seasonally Adjusted Nonfarm Employment (in thousands)

I. Monthly Change (from November 2019 rev. to December 2019 pre.)

| A. Major Employment Increases                                | November 2019<br>rev. | December 2019<br>pre. | <u>Change</u> |
|--|-----------------------|-----------------------|---------------|
| Manufacturing  | 357.0                 | 359.3                 | 2.3           |
| Trade, Transportation, and Utilities                         | 639.0                 | 640.9                 | 1.9           |
| Leisure and Hospitality                                      | 362.2                 | 362.8                 | 0.6           |
| B. Major Employment Decreases                                |                       |                       |               |
| Information  | 48.4                  | 47.5                  | -0.9          |
| Professional and Business Services                           | 428.0                 | 427.3                 | -0.7          |
| Financial Activities   | 168.7                 | 168.2                 | -0.5          |
| II. Yearly Change (from December 2018 to December 2019 pre.) | December 2018         | December 2019         | Change        |
| A. Major Employment Increases                                | December 2010         | pre.                  | <u>Change</u> |
| Leisure and Hospitality                                      | 346.9                 | 362.8                 | 15.9          |
| Professional and Business Services                           | 419.9                 | 427.3                 | 7.4           |
| Trade, Transportation, and Utilities                         | 633.8                 | 640.9                 | 7.1           |
| B. Major Employment Decreases                                |                       |                       |               |
| Wholesale Trade  | 120.6                 | 119.8                 | -0.8          |

# BUSINESS SURVEY - Not Seasonally Adjusted Estimated Nonfarm Employment by Industry\*

Annual Change 

Monthly Change

| Estimated Nonfarm Employment by Industry*  |                |                |                       |                    | Change                 |                      |                         |  |
|--|----------------|----------------|-----------------------|--------------------|------------------------|----------------------|-------------------------|--|
|  | December       |                |                       |                    | er 2018 to<br>ber 2019 |                      | er 2019 to<br>per 2019  |  |
| (numbers in thousands)   | 2018           | 2019<br>rev.   | 2019                  | Net Chg.           | % chg.                 | Net Chg.             | % chg.                  |  |
| al Non-Farm  | 3,117.0        | 3,176.0        | 3,166.6               | 49.6               | 1.6%                   | -9.4                 | -0.3%                   |  |
| al Private   | 2,669.1        | 2,721.0        | 2,716.3               | 47.2               | 1.8%                   | -4.7                 | -0.2%                   |  |
| Goods Producing  | 484.6          | 487.6          | 487.7                 | 3.1                | 0.6%                   | 0.1                  | 0.0%                    |  |
| Mining, Logging, and Construction  | 131.1          | 129.3          | 128.4                 | -2.7               | -2.1%                  | -0.9                 | -0.7%                   |  |
| Manufacturing  | 353.5          | 358.3          | 359.3                 | 5.8                | 1.6%                   | 1.0                  | 0.3%                    |  |
| Durable Goods Manufacturing  | 226.2          | 228.0          | 228.1                 | 1.9                | 0.8%                   | 0.1                  | 0.0%                    |  |
| Wood Products  | 12.5           | 12.5           | 12.4                  | -0.1               | -0.8%                  | -0.1                 | -0.8%                   |  |
| Non-Metallic Mineral Products  | 14.3           | 15.0           | 15.1                  | 0.8                | 5.6%                   | 0.1                  | 0.7%                    |  |
| Primary Metal Products   | 11.2           | 11.8           | 11.9                  | 0.7                | 6.3%                   | 0.1                  | 0.8%                    |  |
| Fabricated Metal Products  | 37.2           | 37.7           | 37.8                  | 0.6                | 1.6%                   | 0.1                  | 0.3%                    |  |
| Machinery Manufacturing  | 25.3           | 25.3           | 25.2                  | -0.1               | -0.4%                  | -0.1                 | -0.4%                   |  |
| Computer and Electronic Products   | 5.3            | 5.4            | 5.5                   | 0.2                | 3.8%                   | 0.1                  | 1.9%                    |  |
| Electrical Equipment and Appliances  | 18.8           | 18.7           | 18.7                  | -0.1               | -0.5%                  | 0.0                  | 0.0%                    |  |
| Transportation Equipment   | 75.2           | 74.7           | 74.4                  | -0.8               | -1.1%                  | -0.3                 | -0.4%                   |  |
| Furniture and Related Products   | 9.4            | 9.6            | 9.8                   | 0.4                | 4.3%                   | 0.2                  | 2.1%                    |  |
| Miscellaneous Durable Manufacturing  | 17.0           | 17.3           | 17.3                  | 0.3                | 1.8%                   | 0.0                  | 0.0%                    |  |
| Non-Durable Goods Manufacturing  | 127.3<br>35.9  | 130.3<br>36.4  | 131.2<br>36.7         | 3.9                | 3.1%<br>2.2%           | 0.9<br>0.3           | 0.7%<br>0.8%            |  |
| Food Manufacturing<br>Beverage and Tobacco Products                                    |                | 30.4<br>8.0    | 8.0                   | 0.8<br>0.4         | 2.2%<br>5.3%           | 0.3                  | 0.8%                    |  |
| Paper Manufacturing  | 11.9           | 12.0           | 11.9                  | 0.4                | 0.0%                   | -0.1                 | -0.8%                   |  |
| Printing and Related Support Activities  | 9.0            | 9.0            | 9.0                   | 0.0                | 0.0%                   | 0.0                  | 0.0%                    |  |
| Chemical Manufacturing   | 25.7           | 25.8           | 25.9                  | 0.2                | 0.8%                   | 0.0                  | 0.4%                    |  |
| Plastics and Rubber Products   | 25.0           | 25.1           | 25.2                  | 0.2                | 0.8%                   | 0.1                  | 0.4%                    |  |
| Service Providing  | 2,632.4        | 2,688.4        | 2,678.9               | 46.5               | 1.8%                   | -9.5                 | -0.4%                   |  |
| Private Service Providing (Service Providing Less                                      | 2,184.5        | 2,233.4        | 2,228.6               | 44.1               | 2.0%                   | -4.8                 | -0.2%                   |  |
| Government)  | 2,101.0        | _,             | _,0.0                 |                    | 2.070                  |                      | 0.270                   |  |
| Trade, Transportation, and Utilities   | 648.2          | 653.8          | 656.4                 | 8.2                | 1.3%                   | 2.6                  | 0.4%                    |  |
| Wholesale Trade  | 121.1          | 120.0          | 120.4                 | -0.7               | -0.6%                  | 0.4                  | 0.3%                    |  |
| Merchant wholesalers, Durable Goods  | 71.5           | 71.7           | 72.7                  | 1.2                | 1.7%                   | 1.0                  | 1.4%                    |  |
| Merchant wholesalers, Non-Durable Goods  | 42.0           | 41.1           | 40.5                  | -1.5               | -3.6%                  | -0.6                 | -1.5%                   |  |
| Wholesale Electronic Markets   | 7.6            | 7.2            | 7.2                   | -0.4               | -5.3%                  | 0.0                  | 0.0%                    |  |
| Retail Trade   | 349.1          | 351.8          | 352.7                 | 3.6                | 1.0%                   | 0.9                  | 0.3%                    |  |
| Motor Vehicle and Parts Dealers  | 46.9           | 47.5           | 47.3                  | 0.4                | 0.9%                   | -0.2                 | -0.4%                   |  |
| Furniture and Home Furnishings Stores  | 10.5           | 10.7           | 11.0                  | 0.5                | 4.8%                   | 0.3                  | 2.8%                    |  |
| Building Material and Garden Supply Stores   | 29.2           | 29.8           | 30.0                  | 0.8                | 2.7%                   | 0.2                  | 0.7%                    |  |
| Food and Beverage Stores   | 55.2           | 54.8           | 54.5                  | -0.7               | -1.3%                  | -0.3                 | -0.5%                   |  |
| Health and Personal Care Stores  | 24.6           | 24.1           | 24.5                  | -0.1               | -0.4%                  | 0.4                  | 1.7%                    |  |
| Gasoline Stations  | 23.4           | 24.8           | 24.5                  | 1.1                | 4.7%                   | -0.3                 | -1.2%                   |  |
| Clothing and Clothing Accessories Stores   | 26.6           | 25.8           | 26.7                  | 0.1                | 0.4%                   | 0.9                  | 3.5%                    |  |
| Sporting Goods, Hobby, Book, and Music Sto   |                | 13.1           | 13.2                  | -0.3               | -2.2%                  | 0.1                  | 0.8%                    |  |
| General Merchandise Stores   | 77.4           | 77.5           | 77.3                  | -0.1               | -0.1%                  | -0.2                 | -0.3%                   |  |
| Miscellaneous Store Retailers  | 17.7           | 17.1           | 17.0                  | -0.7               | -4.0%                  | -0.1                 | -0.6%                   |  |
| Non-Store Retailers  | 11.4           | 11.6           | 11.6                  | 0.2                | 1.8%                   | 0.0                  | 0.0%                    |  |
| Transportation, Warehousing, and Utilities   | 178.0          | 182.0          | 183.3                 | 5.3                | 3.0%                   | 1.3                  | 0.0 <i>%</i><br>0.7%    |  |
| Utilities  | 3.6            | 3.5            | 3.5                   | -0.1               | -2.8%                  | 0.0                  | 0.7%                    |  |
| Transportation and Warehousing   | 3.0<br>174.4   | 3.5<br>178.5   | 3.5<br>179.8          | -0.1<br>5.4        | -2.8%<br>3.1%          | 1.3                  | 0.0%<br>0.7%            |  |
| Information  |                |                |                       |                    |                        |                      |                         |  |
| Financial Activities   | 45.7           | 48.8           | 47.7                  | 2.0                | 4.4%                   | -1.1                 | -2.3%                   |  |
|  | 164.6          | 168.2          | 168.2                 | 3.6                | 2.2%                   | 0.0                  | 0.0%                    |  |
| Finance and Insurance<br>Real Estate, Rental, and Leasing                              | 122.4          | 125.3          | 125.8                 | 3.4                | 2.8%                   | 0.5<br>-0.5          | 0.4%                    |  |
|  | 42.2           | 42.9           | 42.4                  | 0.2                | 0.5%                   |                      | -1.2%                   |  |
| Professional and Business Services   | 427.7          | 435.5          | 435.3                 | 7.6                | 1.8%                   | -0.2<br>0.8          | 0.0%                    |  |
| Professional, Scientific, and Technical Services                                       | 143.2          | 147.4          | 148.2                 | 5.0                | 3.5%                   | 0.8                  | 0.5%                    |  |
| Management of Companies and Enterprises<br>Administrative, Support, and Waste Services | 51.3<br>233.2  | 53.2<br>234.9  | 53.5<br>233.6         | 2.2<br>0.4         | 4.3%<br>0.2%           | -1.3                 | 0.6%<br>-0.6%           |  |
| Education and Health Services  | 439.1          | 446.9          | 444.7                 | 5.6                | 1.3%                   | -1.3                 | -0.6%                   |  |
| Educational Services   | 439.1<br>61.6  | 446.9<br>63.7  | 444.7<br>62.0         | 5.6<br>0.4         | 0.6%                   | -2.2<br>-1.7         | -0.5%<br>-2.7%          |  |
| Health Care and Social Assistance  | 377.5          | 63.7<br>383.2  | 62.0<br>382.7         | 0.4<br>5.2         | 0.6%<br>1.4%           | -1.7                 | -2.7%<br>-0.1%          |  |
| Ambulatory Health Care Services  | 377.5<br>153.2 | 383.2<br>156.3 | 382.7<br>156.3        | 5.2<br>3.1         | 2.0%                   | -0.5                 | -0.1%<br>0.0%           |  |
| •  | 153.2          | 156.3          | 156.5                 | 0.2                | 2.0%<br>0.2%           | 0.0                  | 0.0%<br>0.1%            |  |
| Hospitals  |                | 111.0          | 111.3                 | 0.2                |                        |                      |                         |  |
| Hospitals<br>Nursing and Residential Care Facilities                                   |                |                | 63 8                  | 07                 | 1 1 %                  | _0 1                 |                         |  |
| Nursing and Residential Care Facilities  | 63.1           | 63.9           | 63.8<br>50 7          | 0.7<br>1 2         | 1.1%<br>2.4%           | -0.1<br>-0.5         | -0.2%<br>-1.0%          |  |
| •  |                |                | 63.8<br>50.7<br>357.2 | 0.7<br>1.2<br>17.0 | 1.1%<br>2.4%<br>5.0%   | -0.1<br>-0.5<br>-2.6 | -0.2%<br>-1.0%<br>-0.7% |  |

| Accommodation and Food Services       | 304.5 | 314.2 | 313.6 | 9.1  | 3.0%  | -0.6 | -0.2% |
|---------------------------------------|-------|-------|-------|------|-------|------|-------|
| Accommodation                         | 39.4  | 40.6  | 41.0  | 1.6  | 4.1%  | 0.4  | 1.0%  |
| Food Services and Drinking Places     | 265.1 | 273.6 | 272.6 | 7.5  | 2.8%  | -1.0 | -0.4% |
| Other Services                        | 119.0 | 120.4 | 119.1 | 0.1  | 0.1%  | -1.3 | -1.1% |
| Government                            | 447.9 | 455.0 | 450.3 | 2.4  | 0.5%  | -4.7 | -1.0% |
| Federal Government                    | 50.2  | 50.5  | 50.4  | 0.2  | 0.4%  | -0.1 | -0.2% |
| State Government                      | 101.0 | 105.8 | 100.6 | -0.4 | -0.4% | -5.2 | -4.9% |
| State Government Educational Services | 59.5  | 64.2  | 59.0  | -0.5 | -0.8% | -5.2 | -8.1% |
| State Government Excluding Education  | 41.5  | 41.6  | 41.6  | 0.1  | 0.2%  | 0.0  | 0.0%  |
| Local Government                      | 296.7 | 298.7 | 299.3 | 2.6  | 0.9%  | 0.6  | 0.2%  |
| Local Government Educational Services | 149.4 | 149.8 | 150.5 | 1.1  | 0.7%  | 0.7  | 0.5%  |
| Local Government Excluding Education  | 147.3 | 148.9 | 148.8 | 1.5  | 1.0%  | -0.1 | -0.1% |

\* Estimates include all full- and part-time nonagricultural wage and salary employees who worked during, or received pay for, any part of the pay period which include 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.

### Unemployment Rates, 2008-2019

| U.S. & Tennessee, Seasonally | Adjusted & No | t Seasonally Adjusted |
|------------------------------|---------------|-----------------------|
|------------------------------|---------------|-----------------------|

|     |               | 20                   | 2008 2009     |                       |               |                      |               |                       | 20            | 10                   |               | 2011                 |               |                      |               |                      |  |
|-----|---------------|----------------------|---------------|-----------------------|---------------|----------------------|---------------|-----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|--|
|     | U.            | S.                   | Т             | N                     | U.            | S.                   | T             | N                     | U.            | S.                   | T             | N                    | U.S.          |                      | Т             | TN                   |  |
| _   | Seas.<br>Adj. | Not<br>Seas.<br>Adj. | Seas.<br>Adj. | Not.<br>Seas.<br>Adj. | Seas.<br>Adj. | Not<br>Seas.<br>Adj. | Seas.<br>Adj. | Not.<br>Seas.<br>Adj. | Seas.<br>Adj. | Not<br>Seas.<br>Adj. | Seas.<br>Adj. | Not<br>Seas.<br>Adj. | Seas.<br>Adj. | Not<br>Seas.<br>Adj. | Seas.<br>Adj. | Not<br>Seas.<br>Adj. |  |
| Jan | 5.0           | 5.4                  | 5.4 *         | 5.9 *                 | 7.8           | 8.5                  | 9.1 *         | 9.8 *                 | 9.8           | 10.6                 | 10.4 *        | 11.2 *               | 9.1           | 9.8                  | 9.5 *         | 10.1 *               |  |
| Feb | 4.9           | 5.2                  | 5.5 *         | 5.8 *                 | 8.3           | 8.9                  | 9.8 *         | 10.5 *                | 9.8           | 10.4                 | 10.3 *        | 10.8 *               | 9.0           | 9.5                  | 9.4 *         | 9.8 *                |  |
| Mar | 5.1           | 5.2                  | 5.6 *         | 5.9 *                 | 8.7           | 9.0                  | 10.3 *        | 10.9 *                | 9.9           | 10.2                 | 10.1 *        | 10.6 *               | 9.0           | 9.2                  | 9.3 *         | 9.5 *                |  |
| Apr | 5.0           | 4.8                  | 5.8 *         | 5.3 *                 | 9.0           | 8.6                  | 10.6 *        | 10.2 *                | 9.9           | 9.5                  | 9.8           | 9.6 *                | 9.1           | 8.7                  | 9.2 *         | 9.0 *                |  |
| May | 5.4           | 5.2                  | 6.1 *         | 6.1 *                 | 9.4           | 9.1                  | 10.8 *        | 10.6 *                | 9.6           | 9.3                  | 9.6 -         | 9.3 -                | 9.0           | 8.7                  | 9.2 *         | 8.9 *                |  |
| Jun | 5.6           | 5.7                  | 6.4 *         | 6.8 *                 | 9.5           | 9.7                  | 10.9 *        | 11.3 *                | 9.4           | 9.6                  | 9.3           | 9.5                  | 9.1           | 9.3                  | 9.1 -         | 9.6 *                |  |
| Jul | 5.8           | 6.0                  | 6.7 *         | 7.0 *                 | 9.5           | 9.7                  | 10.8 *        | 11.0 *                | 9.4           | 9.7                  | 9.2           | 9.3                  | 9.0           | 9.3                  | 9.1 *         | 9.1                  |  |
| Aug | 6.1           | 6.1                  | 6.9 *         | 7.0 *                 | 9.6           | 9.6                  | 10.8 *        | 10.7 *                | 9.5           | 9.5                  | 9.2           | 9.3                  | 9.0           | 9.1                  | 9.0 -         | 9.1 -                |  |
| Sep | 6.1           | 6.0                  | 7.2 *         | 6.9 *                 | 9.8           | 9.5                  | 10.7 *        | 10.4 *                | 9.5           | 9.2                  | 9.3           | 9.0                  | 9.0           | 8.8                  | 8.8           | 8.9 *                |  |
| Oct | 6.5           | 6.1                  | 7.5 *         | 6.9 *                 | 10.0          | 9.5                  | 10.6 *        | 10.2 *                | 9.4           | 9.0                  | 9.4 -         | 9.0 -                | 8.8           | 8.5                  | 8.6           | 8.3                  |  |
| Nov | 6.8           | 6.5                  | 7.9 *         | 7.2 *                 | 9.9           | 9.4                  | 10.6 *        | 9.9 *                 | 9.8           | 9.3                  | 9.5           | 9.3 -                | 8.6           | 8.2                  | 8.3           | 7.8                  |  |
| Dec | 7.3           | 7.1                  | 8.5 *         | 8.1 *                 | 9.9           | 9.7                  | 10.5 *        | 10.3 *                | 9.3           | 9.1                  | 9.5 *         | 9.2 *                | 8.5           | 8.3                  | 8.1           | 7.8                  |  |
| Avg |               | 5.8                  |               | 6.6 *                 |               | 9.3                  |               | 10.5 *                |               | 9.6                  |               | 9.7 *                |               | 8.9                  |               | 9.0*                 |  |

|     | 2012          |                      |               |                      | 2013          |                      |               | 2014                 |               |                      |               | 2015                 |               |                      |               |                      |
|-----|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|
|     | U.S. TN       |                      | U.            | U.S. TN              |               | U.S.                 |               | TN                   |               | U.S.                 |               | TN                   |               |                      |               |                      |
|     | Seas.<br>Adj. | Not<br>Seas.<br>Adj. |
| Jan | 8.3           | 8.8                  | 7.9           | 8.3                  | 8.0           | 8.5                  | 7.9           | 8.7 *                | 6.6           | 7.0                  | 6.8 *         | 6.9                  | 5.7           | 6.1                  | 6.2 *         | 6.7 *                |
| Feb | 8.3           | 8.7                  | 7.8           | 8.2                  | 7.7           | 8.1                  | 8.0 *         | 8.2 *                | 6.7           | 7.0                  | 6.7 -         | 6.9                  | 5.5           | 5.8                  | 6.1 *         | 6.2 *                |
| Mar | 8.2           | 8.4                  | 7.8           | 7.9                  | 7.5           | 7.6                  | 8.1 *         | 8.0 *                | 6.7           | 6.8                  | 6.6           | 6.9 *                | 5.4           | 5.6                  | 6.0 *         | 5.9 *                |
| Apr | 8.2           | 7.7                  | 7.9           | 7.3                  | 7.6           | 7.1                  | 8.0 *         | 7.5 *                | 6.2           | 5.9                  | 6.6 *         | 5.9 -                | 5.4           | 5.1                  | 5.9 *         | 5.3 *                |
| May | 8.2           | 7.9                  | 7.9           | 7.7                  | 7.5           | 7.3                  | 8.0 *         | 7.7 *                | 6.3           | 6.1                  | 6.7 *         | 6.3 *                | 5.6           | 5.3                  | 5.8 *         | 5.6 *                |
| Jun | 8.2           | 8.4                  | 8.0           | 8.5 *                | 7.5           | 7.8                  | 7.9 *         | 8.5 *                | 6.1           | 6.3                  | 6.7 *         | 7.0 *                | 5.3           | 5.5                  | 5.7 *         | 6.2 *                |
| Jul | 8.2           | 8.6                  | 7.9           | 8.5                  | 7.3           | 7.7                  | 7.8 *         | 8.1 *                | 6.2           | 6.5                  | 6.7 *         | 7.3 *                | 5.2           | 5.6                  | 5.6 *         | 6.0 *                |
| Aug | 8.1           | 8.2                  | 7.8           | 8.1                  | 7.2           | 7.3                  | 7.8 *         | 7.8 *                | 6.1           | 6.3                  | 6.6 *         | 7.0 *                | 5.1           | 5.2                  | 5.5 *         | 5.5 *                |
| Sep | 7.8           | 7.6                  | 7.7           | 7.4                  | 7.2           | 7.0                  | 7.6 *         | 7.5 *                | 5.9           | 5.7                  | 6.6 *         | 6.5 *                | 5.0           | 4.9                  | 5.3 *         | 5.3 *                |
| Oct | 7.8           | 7.5                  | 7.7           | 7.4                  | 7.2           | 7.0                  | 7.4 *         | 7.6 *                | 5.7           | 5.5                  | 6.5 *         | 6.2 *                | 5.0           | 4.8                  | 5.2 *         | 5.1 *                |
| Nov | 7.7           | 7.4                  | 7.7 -         | 7.1                  | 6.9           | 6.6                  | 7.2 *         | 7.0 *                | 5.8           | 5.5                  | 6.4 *         | 6.2 *                | 5.1           | 4.8                  | 5.0           | 4.9 *                |
| Dec | 7.9           | 7.6                  | 7.8           | 7.7 *                | 6.7           | 6.5                  | 7.1 *         | 6.8 *                | 5.6           | 5.4                  | 6.3 *         | 5.9 *                | 5.0           | 4.8                  | 4.9           | 4.7                  |
| Avg |               | 8.1                  |               | 7.8                  |               | 7.4                  |               | 7.8 *                |               | 6.2                  |               | 6.6 *                |               | 5.3                  |               | 5.6 *                |

|     | 2016          |                      |               |                      | 2017          |                      |               | 2018                 |               |                      |               | 2019                 |               |                      |               |                      |
|-----|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|---------------|----------------------|
|     | U.S.          |                      | U.S. TN       |                      | U.S. TN       |                      | U.S. TN       |                      | N             | U.S.                 |               | TN                   |               |                      |               |                      |
|     | Seas.<br>Adj. | Not<br>Seas.<br>Adj. |
| Jan | 4.9           | 5.3                  | 4.8           | 5.0                  | 4.7           | 5.1                  | 4.5           | 5.0                  | 4.1           | 4.5                  | 3.6           | 4.0                  | 4.0           | 4.4                  | 3.3           | 3.7                  |
| Feb | 4.9           | 5.2                  | 4.7           | 4.7                  | 4.7           | 4.9                  | 4.3           | 4.5                  | 4.1           | 4.4                  | 3.6           | 3.8                  | 3.8           | 4.1                  | 3.2           | 3.2                  |
| Mar | 5.0           | 5.1                  | 4.7           | 4.7                  | 4.4           | 4.6                  | 4.1           | 4.1                  | 4.0           | 4.1                  | 3.6           | 3.6                  | 3.8           | 3.9                  | 3.2           | 3.3                  |
| Apr | 5.0           | 4.7                  | 4.7           | 4.2                  | 4.4           | 4.1                  | 3.9           | 3.3                  | 3.9           | 3.7                  | 3.6           | 3.1                  | 3.6           | 3.3                  | 3.2           | 2.7                  |
| May | 4.8           | 4.5                  | 4.7           | 4.1                  | 4.4           | 4.1                  | 3.8           | 3.3                  | 3.8           | 3.6                  | 3.6           | 3.1                  | 3.6           | 3.4                  | 3.3           | 3.0                  |
| Jun | 4.9           | 5.1                  | 4.7           | 5.2 *                | 4.3           | 4.5                  | 3.6           | 4.1                  | 4.0           | 4.2                  | 3.6           | 4.1                  | 3.7           | 3.8                  | 3.4           | 4.0 *                |
| Jul | 4.8           | 5.1                  | 4.8 -         | 5.1 -                | 4.3           | 4.6                  | 3.5           | 3.9                  | 3.8           | 4.1                  | 3.5           | 3.9                  | 3.7           | 4.0                  | 3.5           | 4.3 *                |
| Aug | 4.9           | 5.0                  | 4.8           | 5.0 -                | 4.4           | 4.5                  | 3.5           | 3.7                  | 3.8           | 3.9                  | 3.5           | 3.7                  | 3.7           | 3.8                  | 3.5           | 3.4                  |
| Sep | 5.0           | 4.8                  | 4.8           | 4.9 *                | 4.2           | 4.1                  | 3.4           | 3.4                  | 3.7           | 3.6                  | 3.4           | 3.3                  | 3.5           | 3.3                  | 3.4           | 3.1                  |
| Oct | 4.9           | 4.7                  | 4.8           | 4.7 -                | 4.1           | 3.9                  | 3.4           | 3.3                  | 3.8           | 3.5                  | 3.3           | 3.3                  | 3.6           | 3.3                  | 3.4           | 3.2                  |
| Nov | 4.7           | 4.4                  | 4.7 -         | 4.4 -                | 4.2           | 3.9                  | 3.5           | 3.3                  | 3.7           | 3.5                  | 3.3           | 3.0                  | 3.5           | 3.3                  | 3.3           | 3.1                  |
| Dec | 4.7           | 4.5                  | 4.6           | 4.4                  | 4.1           | 3.9                  | 3.5           | 3.3                  | 3.9           | 3.7                  | 3.3           | 3.0                  | 3.5           | 3.4                  | 3.3           | 3.1                  |
| Avg |               | 4.9                  |               | 4.7                  |               | 4.4                  |               | 3.8                  |               | 3.9                  |               | 3.5                  |               |                      |               |                      |

\* Designates when Tennessee's unemployment rate is greater than the U.S. rate

- Designates when Tennessee's unemployment rate is equal to the U.S. rate

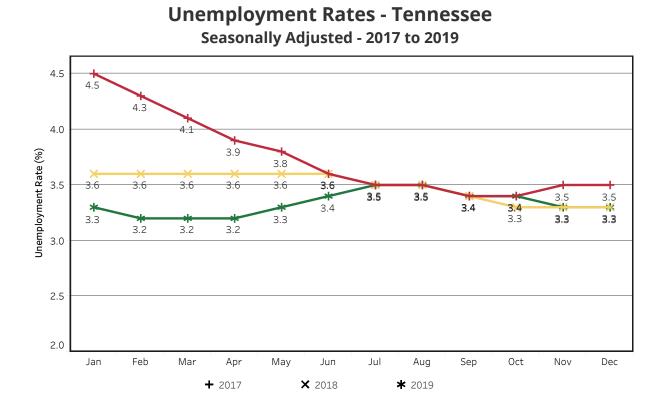
|                   | Average          | Weekly Ea        | rning            | Averag           | e Weekly H       | lours            | Average Hourly Earning |                  |                  |  |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------------|------------------|------------------|--|
|                   | December<br>2018 | November<br>2019 | December<br>2019 | December<br>2018 | November<br>2019 | December<br>2019 | December<br>2018       | November<br>2019 | December<br>2019 |  |
| Manufacturing     | \$836.09         | \$856.24         | \$870.68         | 41.7             | 42.2             | 41.9             | \$20.05                | \$20.29          | \$20.78          |  |
| Durable Goods     | \$865.28         | \$906.05         | \$919.34         | 41.5             | 42.9             | 42.8             | \$20.85                | \$21.12          | \$21.48          |  |
| Non-Durable Goods | \$788.53         | \$771.21         | \$789.42         | 42.1             | 41.0             | 40.4             | \$18.73                | \$18.81          | \$19.54          |  |

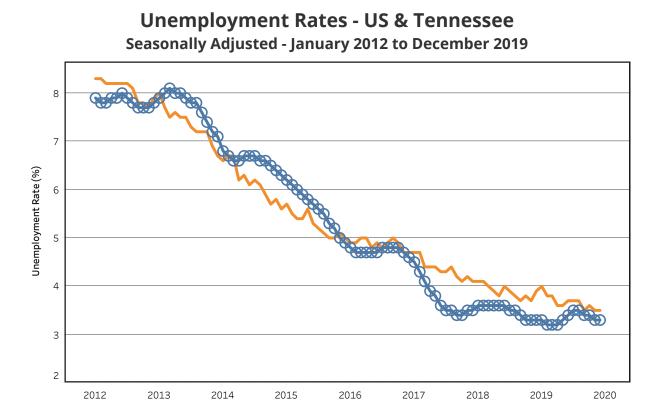
#### HOURS AND EARNINGS OF PRODUCTION WORKERS

#### HOURS AND EARNINGS OF PRODUCTION WORKERS - ALL MANUFACTURING

(ranked November 2019 preliminary average weekly earnings; December 2019 will be available later this month)

|                | Avera            | ge Weekly        | Earning           | Avera            | ge Weekly        | Hours             | Average Hourly Earning |                  |                   |  |
|----------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------------|------------------|-------------------|--|
|                | November<br>2018 | November<br>2019 | Percent<br>Change | November<br>2018 | November<br>2019 | Percent<br>Change | November<br>2018       | November<br>2019 | Percent<br>Change |  |
| FLORIDA        | \$952.63         | \$1014.16        | 6.5%              | 43.40            | 42.90            | -1.2%             | \$21.95                | \$23.64          | 7.7%              |  |
| KENTUCKY       | \$903.80         | \$921.48         | 2.0%              | 44.50            | 43.10            | -3.1%             | \$20.31                | \$21.38          | 5.3%              |  |
| SOUTH CAROLINA | \$866.80         | \$889.57         | 2.6%              | 43.80            | 42.30            | -3.4%             | \$19.79                | \$21.03          | 6.3%              |  |
| ALABAMA        | \$903.61         | \$873.48         | -3.3%             | 44.10            | 43.50            | -1.4%             | \$20.49                | \$20.08          | -2.0%             |  |
| MISSISSIPPI    | \$850.16         | \$866.47         | 1.9%              | 40.60            | 41.30            | 1.7%              | \$20.94                | \$20.98          | 0.2%              |  |
| TENNESSEE      | \$847.17         | \$854.63         | 0.9%              | 42.70            | 42.10            | -1.4%             | \$19.84                | \$20.30          | 2.3%              |  |
| GEORGIA        | \$830.93         | \$847.45         | 2.0%              | 43.30            | 42.50            | -1.8%             | \$19.19                | \$19.94          | 3.9%              |  |
| VIRGINIA       | \$802.27         | \$774.33         | -3.5%             | 41.10            | 40.10            | -2.4%             | \$19.52                | \$19.31          | -1.1%             |  |
| ARKANSAS       | \$759.48         | \$765.97         | 0.9%              | 42.10            | 40.70            | -3.3%             | \$18.04                | \$18.82          | 4.3%              |  |
| NORTH CAROLINA | \$782.00         | \$763.64         | -2.3%             | 42.50            | 41.30            | -2.8%             | \$18.40                | \$18.49          | 0.5%              |  |





OTN - US

