

## **Economic Overview**

# Sumner County, Tennessee



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### **Demographic Profile**

The population in Sumner County, Tennessee was 183,437 per American Community Survey data for 2015-2019.

The region has a civilian labor force of 95,397 with a participation rate of 65.8%. Of individuals 25 to 64 in Sumner County, Tennessee, 30.1% have a bachelor's degree or higher which compares with 33.5% in the nation.

The median household income in Sumner County, Tennessee is \$67,204 and the median house value is \$234,200.

Summary<sup>1</sup>

|   | Sum                         | mary      |       |                             |           |             |  |  |  |
|---|-----------------------------|-----------|-------|-----------------------------|-----------|-------------|--|--|--|
|   |                             | Percent   |       | Value                       |           |             |  |  |  |
|   | Sumner County,<br>Tennessee | Tennessee | USA   | Sumner County,<br>Tennessee | Tennessee | USA         |  |  |  |
| Demographics  |                             |           |       |                             |           |             |  |  |  |
| Population (ACS)  | _                           | _         | -     | 183,437                     | 6,709,356 | 324,697,795 |  |  |  |
| Male  | 48.9%                       | 48.8%     | 49.2% | 89,689                      | 3,273,278 | 159,886,919 |  |  |  |
| Female  | 51.1%                       | 51.2%     | 50.8% | 93,748                      | 3,436,078 | 164,810,876 |  |  |  |
| Median Age <sup>2</sup>   | _                           | -         | _     | 39.8                        | 38.7      | 38.1        |  |  |  |
| Under 18 Years  | 23.7%                       | 22.4%     | 22.6% | 43,556                      | 1,504,920 | 73,429,392  |  |  |  |
| 18 to 24 Years  | 7.7%                        | 9.2%      | 9.4%  | 14,204                      | 617,043   | 30,646,327  |  |  |  |
| 25 to 34 Years  | 12.4%                       | 13.6%     | 13.9% | 22,682                      | 911,745   | 45,030,415  |  |  |  |
| 35 to 44 Years  | 13.3%                       | 12.5%     | 12.6% | 24,466                      | 838,241   | 40,978,831  |  |  |  |
| 45 to 54 Years  | 14.2%                       | 13.2%     | 13.0% | 25,988                      | 886,806   | 42,072,620  |  |  |  |
| 55 to 64 Years  | 13.1%                       | 13.0%     | 12.9% | 24,000                      | 875,477   | 41,756,414  |  |  |  |
| 65 to 74 Years  | 9.5%                        | 9.6%      | 9.1%  | 17,411                      | 643,414   | 29,542,266  |  |  |  |
| 75 Years, and Over  | 6.1%                        | 6.4%      | 6.5%  | 11,130                      | 431,710   | 21,241,530  |  |  |  |
| Race: White   | 87.2%                       | 77.6%     | 72.5% | 159,883                     | 5,205,132 | 235,377,662 |  |  |  |
| Race: Black or African American   | 7.3%                        | 16.8%     | 12.7% | 13,457                      | 1,124,473 | 41,234,642  |  |  |  |
| Race: American Indian and Alaska Native   | 0.3%                        | 0.3%      | 0.8%  | 465                         | 18,189    | 2,750,143   |  |  |  |
| Race: Asian   | 1.4%                        | 1.8%      | 5.5%  | 2,564                       | 117,600   | 17,924,209  |  |  |  |
| Race: Native Hawaiian and Other Pacific Islander                                | 0.1%                        | 0.1%      | 0.2%  | 164                         | 3,771     | 599,868     |  |  |  |
| Race: Some Other Race   | 1.5%                        | 1.4%      | 4.9%  | 2,818                       | 92,655    | 16,047,369  |  |  |  |
| Race: Two or More Races   | 2.2%                        | 2.2%      | 3.3%  | 4,086                       | 147,536   | 10,763,902  |  |  |  |
| Hispanic or Latino (of any race)  | 4.9%                        | 5.4%      | 18.0% | 8,949                       | 364,174   | 58,479,370  |  |  |  |
| Population Growth   |                             |           |       |                             |           |             |  |  |  |
| Population (Pop Estimates) <sup>4</sup>   | -                           | _         | _     | 195,561                     | 6,886,834 | 329,484,123 |  |  |  |
| Population Annual Average Growth <sup>4</sup>                                   | 1.9%                        | 0.8%      | 0.6%  | 3,434                       | 53,132    | 2,015,698   |  |  |  |
| People per Square Mile  | _                           | _         | -     | 361.3                       | 165.6     | 92.9        |  |  |  |
| Economic  |                             |           |       |                             |           |             |  |  |  |
| Labor Force Participation Rate and Size (civilian population 16 years and over) | 65.8%                       | 61.3%     | 63.2% | 95,397                      | 3,282,671 | 163,555,585 |  |  |  |
| Prime-Age Labor Force Participation Rate and Size (civilian population 25-54)   | 83.5%                       | 79.8%     | 82.1% | 60,982                      | 2,094,035 | 104,634,905 |  |  |  |
| Armed Forces Labor Force  | 0.1%                        | 0.4%      | 0.4%  | 188                         | 18,830    | 1,073,907   |  |  |  |
| Veterans, Age 18-64   | 5.5%                        | 5.5%      | 4.6%  | 6,166                       | 224,841   | 9,143,042   |  |  |  |
| Veterans Labor Force Participation Rate and Size, Age 18-64                     | 80.4%                       | 73.5%     | 76.6% | 4,958                       | 165,182   | 7,003,778   |  |  |  |
| Median Household Income <sup>2</sup>  | _                           | _         | -     | \$67,204                    | \$53,320  | \$62,843    |  |  |  |
| Per Capita Income   | —                           | _         | _     | \$33,851                    | \$29,859  | \$34,103    |  |  |  |
| Mean Commute Time (minutes)   | _                           | -         | _     | 29.3                        | 25.2      | 26.9        |  |  |  |
| Commute via Public Transportation   | 0.2%                        | 0.7%      | 5.0%  | 190                         | 20,774    | 7,641,160   |  |  |  |
| Educational Attainment, Age 25-64   |                             |           |       |                             |           |             |  |  |  |
| No High School Diploma  | 8.6%                        | 10.6%     | 10.9% | 8,308                       | 373,509   | 18,550,150  |  |  |  |
| High School Graduate  | 29.0%                       | 31.3%     | 25.7% | 28,189                      | 1,098,519 | 43,627,868  |  |  |  |
| Some College, No Degree   | 23.2%                       | 21.2%     | 20.7% | 22,541                      | 742,881   | 35,174,790  |  |  |  |



#### Summary<sup>1</sup>

|  |                             | Percent   |       |                             |           |             |
|--|-----------------------------|-----------|-------|-----------------------------|-----------|-------------|
|  | Sumner County,<br>Tennessee | Tennessee | USA   | Sumner County,<br>Tennessee | Tennessee | USA         |
| Associate's Degree   | 9.2%                        | 8.0%      | 9.1%  | 8,889                       | 282,378   | 15,526,064  |
| Bachelor's Degree  | 20.9%                       | 18.7%     | 21.2% | 20,316                      | 656,023   | 35,997,848  |
| Postgraduate Degree  | 9.2%                        | 10.2%     | 12.3% | 8,893                       | 358,959   | 20,961,560  |
| Housing  |                             |           |       |                             |           |             |
| Total Housing Units  | -                           | -         | -     | 71,863                      | 2,963,486 | 137,428,986 |
| Median House Value (of owner-occupied units) <sup>2</sup>              | _                           | _         | _     | \$234,200                   | \$167,200 | \$217,500   |
| Homeowner Vacancy  | 1.0%                        | 1.6%      | 1.6%  | 489                         | 27,764    | 1,257,737   |
| Rental Vacancy   | 6.2%                        | 7.1%      | 6.0%  | 1,181                       | 67,602    | 2,793,023   |
| Renter-Occupied Housing Units (% of Occupied Units)                    | 26.4%                       | 33.7%     | 36.0% | 17,695                      | 875,045   | 43,481,667  |
| Occupied Housing Units with No Vehicle Available (% of Occupied Units) | 3.5%                        | 5.7%      | 8.6%  | 2,380                       | 149,286   | 10,395,713  |
| Social   |                             |           |       |                             |           |             |
| Poverty Level (of all people)  | 9.0%                        | 15.2%     | 13.4% | 16,277                      | 996,930   | 42,510,843  |
| Households Receiving Food Stamps/SNAP                                  | 9.0%                        | 13.6%     | 11.7% | 6,059                       | 352,055   | 14,171,567  |
| Enrolled in Grade 12 (% of total population)                           | 1.6%                        | 1.3%      | 1.4%  | 2,991                       | 88,008    | 4,422,344   |
| Disconnected Youth <sup>3</sup>  | 1.8%                        | 2.0%      | 2.5%  | 173                         | 6,715     | 423,273     |
| Children in Single Parent Families (% of all children)                 | 29.2%                       | 36.7%     | 34.1% | 12,040                      | 516,593   | 23,790,005  |
| Uninsured  | 8.5%                        | 9.7%      | 8.8%  | 15,453                      | 639,556   | 28,248,613  |
| With a Disability, Age 18-64   | 12.2%                       | 13.3%     | 10.3% | 13,493                      | 540,478   | 20,187,604  |
| With a Disability, Age 18-64, Labor Force Participation Rate and Size  | 45.6%                       | 37.5%     | 42.2% | 6,156                       | 202,813   | 8,509,463   |
| Foreign Born   | 4.7%                        | 5.1%      | 13.6% | 8,664                       | 344,162   | 44,011,870  |
| Speak English Less Than Very Well (population 5 yrs and over)          | 2.3%                        | 3.0%      | 8.4%  | 3,973                       | 188,706   | 25,615,365  |

Source: JobsEQ®

1. American Community Survey 2015-2019, unless noted otherwise

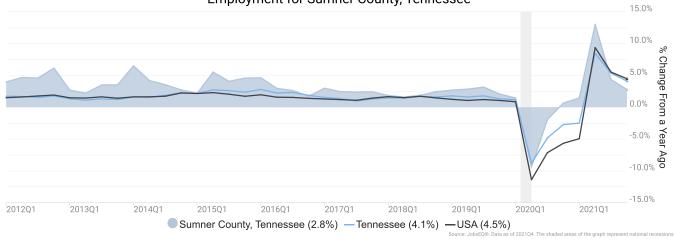
2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

Discontect Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.
Census Population Estimate for 2020, annual average growth rate since 2010.



### **Employment Trends**

As of 2021Q4, total employment for Sumner County, Tennessee was 65,023 (based on a four-quarter moving average). Over the year ending 2021Q4, employment increased 2.8% in the region.

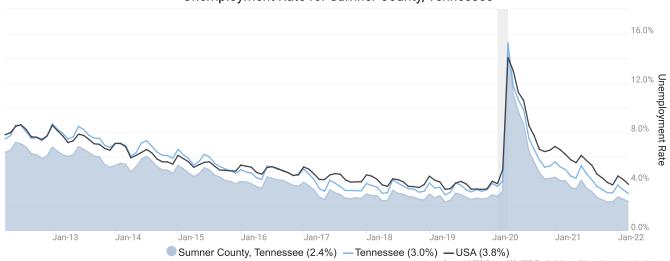


Employment for Sumner County, Tennessee

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2021Q3 with preliminary estimates updated to 2021Q4.

### **Unemployment Rate**

The unemployment rate for Sumner County, Tennessee was 2.4% as of March 2022. The regional unemployment rate was lower than the national rate of 3.8%. One year earlier, in March 2021, the unemployment rate in Sumner County, Tennessee was 4.0%.



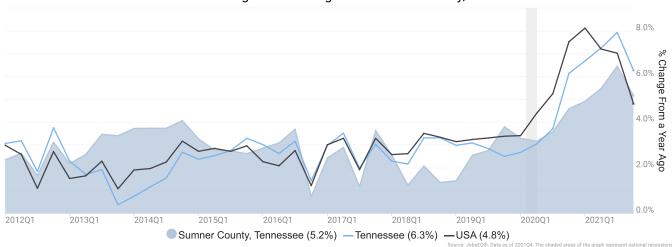
#### Unemployment Rate for Sumner County, Tennessee

Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through March 2022.



### Wage Trends

The average worker in Sumner County, Tennessee earned annual wages of \$48,584 as of 2021Q4. Average annual wages per worker increased 5.2% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$65,055 in the nation as of 2021Q4.



Average Annual Wages for Sumner County, Tennessee

Annual average wages per worker data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2021Q3 with preliminary estimates updated to 2021Q4.



### Cost of Living Index

The Cost of Living Index estimates the relative price levels for consumer goods and services. When applied to wages and salaries, the result is a measure of relative purchasing power. The cost of living is 5.5% lower in Sumner County, Tennessee than the U.S. average.

#### **Cost of Living Information**

|                          |                       | Cost of Living Inde | x                   |
|--------------------------|-----------------------|---------------------|---------------------|
|                          | Annual Average Salary | (Base US)           | US Purchasing Power |
| Sumner County, Tennessee | \$48,584              | 94.5                | \$51,401            |
| Tennessee                | \$56,698              | 89.2                | \$63,588            |
| USA                      | \$65,055              | 100.0               | \$65,055            |

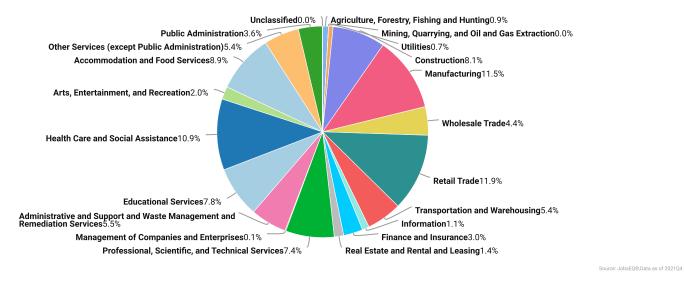
Source: JobsEQ® Data as of 2021Q4

Cost of Living per COLI, data as of 2021Q3, imputed by Chmura where necessary.



### **Industry Snapshot**

The largest sector in Sumner County, Tennessee is Retail Trade, employing 7,712 workers. The next-largest sectors in the region are Manufacturing (7,466 workers) and Health Care and Social Assistance (7,073). High location quotients (LQs) indicate sectors in which a region has high concentrations of employment compared to the national average. The sectors with the largest LQs in the region are Manufacturing (LQ = 1.41), Construction (1.37), and Utilities (1.31).



#### Total Workers for Sumner County, Tennessee by Industry

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2021Q3 with preliminary estimates updated to 2021Q4.

Sectors in Sumner County, Tennessee with the highest average wages per worker are Management of Companies and Enterprises (\$110,772), Utilities (\$99,986), and Information (\$83,938). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Professional, Scientific, and Technical Services (+1,448 jobs), Transportation and Warehousing (+1,035), and Health Care and Social Assistance (+853).

Over the next 3 years, employment in Sumner County, Tennessee is projected to expand by 4,308 jobs. The fastest growing sector in the region is expected to be Mining, Quarrying, and Oil and Gas Extraction with a +4.0% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Accommodation and Food Services (+622 jobs), Health Care and Social Assistance (+580), and Manufacturing (+396).



#### Sumner County, Tennessee, 2021Q41

|       |  |        | Current   |      | 5-Year | History |        |       |           |        |        |
|-------|--|--------|-----------|------|--------|---------|--------|-------|-----------|--------|--------|
|       |  |        | Avg Ann   |      | Empl   |         | Total  |       |           | Empl   | Ann %  |
| NAICS | Industry   | Empl   | Wages     | LQ   | Change | Ann %   | Demand | Exits | Transfers | Growth | Growth |
| 44    | Retail Trade   | 7,712  | \$34,723  | 1.14 | 835    | 2.3%    | 3,379  | 1,267 | 1,871     | 241    | 1.0%   |
| 31    | Manufacturing  | 7,466  | \$60,386  | 1.41 | 10     | 0.0%    | 2,759  | 811   | 1,551     | 396    | 1.7%   |
| 62    | Health Care and Social<br>Assistance   | 7,073  | \$52,453  | 0.74 | 853    | 2.6%    | 2,676  | 947   | 1,150     | 580    | 2.7%   |
| 72    | Accommodation and Food<br>Services   | 5,815  | \$21,448  | 1.12 | 644    | 2.4%    | 3,692  | 1,300 | 1,771     | 622    | 3.4%   |
| 23    | Construction   | 5,251  | \$66,013  | 1.37 | 708    | 2.9%    | 1,851  | 493   | 1,057     | 301    | 1.9%   |
| 61    | Educational Services   | 5,091  | \$42,869  | 0.97 | -7     | 0.0%    | 1,803  | 660   | 818       | 325    | 2.1%   |
| 54    | Professional, Scientific, and<br>Technical Services                            | 4,842  | \$57,971  | 1.04 | 1,448  | 7.4%    | 1,691  | 451   | 855       | 384    | 2.6%   |
| 56    | Administrative and Support<br>and Waste Management<br>and Remediation Services | 3,600  | \$46,602  | 0.86 | -153   | -0.8%   | 1,523  | 492   | 792       | 238    | 2.2%   |
| 48    | Transportation and<br>Warehousing  | 3,513  | \$44,617  | 1.08 | 1,035  | 7.2%    | 1,425  | 460   | 732       | 233    | 2.2%   |
| 81    | Other Services (except<br>Public Administration)                               | 3,497  | \$33,145  | 1.25 | 57     | 0.3%    | 1,475  | 493   | 712       | 270    | 2.5%   |
| 42    | Wholesale Trade  | 2,831  | \$67,723  | 1.16 | 252    | 1.9%    | 1,066  | 318   | 597       | 151    | 1.7%   |
| 92    | Public Administration  | 2,372  | \$48,161  | 0.76 | 180    | 1.6%    | 827    | 263   | 421       | 143    | 2.0%   |
| 52    | Finance and Insurance  | 1,926  | \$80,071  | 0.72 | 360    | 4.2%    | 632    | 184   | 348       | 101    | 1.7%   |
| 71    | Arts, Entertainment, and<br>Recreation   | 1,276  | \$32,209  | 1.12 | 292    | 5.3%    | 706    | 228   | 324       | 153    | 3.9%   |
| 53    | Real Estate and Rental and Leasing   | 927    | \$51,486  | 0.82 | -3     | -0.1%   | 334    | 117   | 164       | 52     | 1.8%   |
| 51    | Information  | 688    | \$83,938  | 0.53 | 148    | 5.0%    | 254    | 67    | 135       | 52     | 2.4%   |
| 11    | Agriculture, Forestry, Fishing and Hunting                                     | 587    | \$10,383  | 0.67 | -114   | -3.5%   | 241    | 87    | 131       | 23     | 1.3%   |
| 22    | Utilities  | 443    | \$99,986  | 1.31 | 31     | 1.5%    | 125    | 40    | 83        | 2      | 0.2%   |
| 55    | Management of Companies and Enterprises  | 79     | \$110,772 | 0.08 | -486   | -32.6%  | 26     | 7     | 14        | 4      | 1.7%   |
| 99    | Unclassified   | 20     | \$14,870  | 0.25 | 19     | n/a     | 8      | 3     | 4         | 1      | 2.2%   |
| 21    | Mining, Quarrying, and Oil and Gas Extraction                                  | 15     | \$80,533  | 0.07 | -18    | -14.4%  | 7      | 1     | 3         | 2      | 4.0%   |
|       | Total - All Industries   | 65,023 | \$48,584  | 1.00 | 6,092  | 2.0%    | 26,189 | 8,611 | 13,270    | 4,308  | 2.2%   |
|       |  |        |           |      |        |         |        |       |           |        |        |

Source: JobsEQ®

Data as of 2021Q4

Note: Figures may not sum due to rounding.

1. All data based upon a four-quarter moving average

Exits and transfers are approximate estimates based upon occupation separation rates. Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2021Q3 with preliminary estimates updated to 2021Q4. Forecast employment growth uses national projections adapted for regional growth patterns.



### **Occupation Snapshot**

The largest major occupation group in Sumner County, Tennessee is Office and Administrative Support Occupations, employing 7,759 workers. The next-largest occupation groups in the region are Transportation and Material Moving Occupations (6,451 workers) and Sales and Related Occupations (6,416). High location quotients (LQs) indicate occupation groups in which a region has high concentrations of employment compared to the national average. The major groups with the largest LQs in the region are Production Occupations (LQ = 1.43), Construction and Extraction Occupations (1.24), and Food Preparation and Serving Related Occupations (1.17).

Occupation groups in Sumner County, Tennessee with the highest average wages per worker are Management Occupations (\$97,600), Legal Occupations (\$93,800), and Computer and Mathematical Occupations (\$72,700). The unemployment rate in the region varied among the major groups from 1.1% among Healthcare Practitioners and Technical Occupations to 6.1% among Food Preparation and Serving Related Occupations.

Over the next 3 years, the fastest growing occupation group in Sumner County, Tennessee is expected to be Personal Care and Service Occupations with a +3.4% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Food Preparation and Serving Related Occupations (+606 jobs) and Transportation and Material Moving Occupations (+444). Over the same period, the highest separation demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Food Preparation and Serving Related Occupations (2,736).

|          |  |       | Current                        |      |        |                |                                | 5-Year History |       |                 |       | 3-Year Forecast |                |                 |  |
|----------|--|-------|--------------------------------|------|--------|----------------|--------------------------------|----------------|-------|-----------------|-------|-----------------|----------------|-----------------|--|
| SOC      | Occupation   | Empl  | Mean Ann<br>Wages <sup>2</sup> | LQ   | Unempl | Unempl<br>Rate | Online<br>Job Ads <sup>3</sup> | Empl<br>Change | Ann % | Total<br>Demand | Exits | Transfers       | Empl<br>Growth | Ann %<br>Growth |  |
| 43-0000  | Office and<br>Administrative Support                 | 7,759 | \$37,600                       | 0.94 | 422    | 2.9%           | 275                            | 319            | 0.8%  | 2,982           | 1,174 | 1,518           | 289            | 1.2%            |  |
| 53-0000  | Transportation and<br>Material Moving                | 6,451 | \$33,600                       | 1.15 | 528    | 4.8%           | 500                            | 1,083          | 3.7%  | 3,180           | 1,002 | 1,734           | 444            | 2.2%            |  |
| 41-0000  | Sales and Related                                    | 6,416 | \$38,500                       | 1.03 | 390    | 4.1%           | 576                            | 506            | 1.7%  | 2,952           | 1,087 | 1,623           | 242            | 1.2%            |  |
| 35-0000  | Food Preparation and<br>Serving Related              | 5,924 | \$22,600                       | 1.17 | 528    | 6.1%           | 474                            | 532            | 1.9%  | 4,215           | 1,537 | 2,072           | 606            | 3.3%            |  |
| 51-0000  | Production   | 5,359 | \$39,800                       | 1.43 | 274    | 3.9%           | 218                            | -236           | -0.9% | 2,106           | 628   | 1,236           | 241            | 1.5%            |  |
| 11-0000  | Management   | 4,258 | \$97,600                       | 1.05 | 113    | 1.8%           | 235                            | 363            | 1.8%  | 1,457           | 375   | 766             | 315            | 2.4%            |  |
| 47-0000  | Construction and<br>Extraction                       | 3,748 | \$42,300                       | 1.24 | 216    | 4.6%           | 80                             | 417            | 2.4%  | 1,432           | 361   | 840             | 231            | 2.0%            |  |
| 25-0000  | Educational Instruction and Library                  | 3,668 | \$44,400                       | 1.03 | 92     | 2.1%           | 91                             | 69             | 0.4%  | 1,298           | 487   | 556             | 255            | 2.3%            |  |
| 13-0000  | Business and Financial<br>Operations                 | 3,202 | \$60,900                       | 0.82 | 96     | 1.9%           | 112                            | 673            | 4.8%  | 1,154           | 287   | 627             | 240            | 2.4%            |  |
| 29-0000  | Healthcare Practitioners<br>and Technical            | 3,143 | \$70,800                       | 0.82 | 57     | 1.1%           | 588                            | 296            | 2.0%  | 828             | 272   | 319             | 237            | 2.5%            |  |
| 49- 0000 | Installation,<br>Maintenance, and<br>Repair          | 2,698 | \$45,800                       | 1.09 | 93     | 2.2%           | 215                            | 363            | 2.9%  | 1,025           | 280   | 566             | 180            | 2.2%            |  |
| 37-0000  | Building and Grounds<br>Cleaning and<br>Maintenance  | 2,271 | \$28,900                       | 1.06 | 133    | 4.2%           | 114                            | 341            | 3.3%  | 1,116           | 393   | 571             | 151            | 2.2%            |  |
| 31-0000  | Healthcare Support                                   | 2,024 | \$28,500                       | 0.70 | 113    | 3.1%           | 235                            | 271            | 2.9%  | 1,058           | 410   | 455             | 193            | 3.1%            |  |
| 39- 0000 | Personal Care and<br>Service                         | 1,620 | \$27,700                       | 0.99 | 159    | 5.9%           | 62                             | 111            | 1.4%  | 958             | 355   | 434             | 169            | 3.4%            |  |
| 15-0000  | Computer and<br>Mathematical                         | 1,404 | \$72,700                       | 0.63 | 28     | 1.3%           | 78                             | 356            | 6.0%  | 443             | 99    | 233             | 111            | 2.6%            |  |
| 27-0000  | Arts, Design,<br>Entertainment, Sports,<br>and Media | 1,247 | \$51,400                       | 1.07 | 89     | 4.7%           | 24                             | 57             | 0.9%  | 532             | 172   | 259             | 101            | 2.6%            |  |
| 33-0000  | Protective Service                                   | 1,203 | \$41,700                       | 0.88 | 60     | 2.7%           | 44                             | 318            | 6.3%  | 506             | 183   | 244             | 79             | 2.1%            |  |
|          |  |       |                                |      |        |                |                                |                |       |                 |       |                 |                |                 |  |

#### Sumner County, Tennessee, 2021Q41

Source: JobsEQ<sup>®</sup>, http://www.chmuraecon.com/jobseq

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|         |                                    |        |                                | Ci   | urrent |                | 5-Year History                 |                |       |                 |       | 3-Year Forecast |                |                 |  |
|---------|------------------------------------|--------|--------------------------------|------|--------|----------------|--------------------------------|----------------|-------|-----------------|-------|-----------------|----------------|-----------------|--|
| SOC     | Occupation                         | Empl   | Mean Ann<br>Wages <sup>2</sup> | LQ   | Unempl | Unempl<br>Rate | Online<br>Job Ads <sup>3</sup> | Empl<br>Change | Ann % | Total<br>Demand | Exits | Transfers       | Empl<br>Growth | Ann %<br>Growth |  |
| 21-0000 | Community and Social Service       | 934    | \$44,300                       | 0.81 | 18     | 1.5%           | 44                             | 51             | 1.1%  | 384             | 112   | 199             | 73             | 2.6%            |  |
| 17-0000 | Architecture and<br>Engineering    | 801    | \$70,900                       | 0.73 | 21     | 1.7%           | 37                             | 62             | 1.6%  | 254             | 66    | 130             | 59             | 2.4%            |  |
| 19-0000 | Life, Physical, and Social Science | 396    | \$60,900                       | 0.67 | 13     | 2.3%           | 16                             | 80             | 4.6%  | 149             | 28    | 92              | 29             | 2.4%            |  |
| 23-0000 | Legal                              | 382    | \$93,800                       | 0.68 | 8      | 1.4%           | 7                              | 61             | 3.6%  | 111             | 35    | 49              | 27             | 2.3%            |  |
| 45-0000 | Farming, Fishing, and<br>Forestry  | 115    | \$31,100                       | 0.27 | 9      | 4.8%           | 1                              | 1              | 0.2%  | 63              | 15    | 41              | 6              | 1.6%            |  |
|         | Total - All Occupations            | 65,023 | \$45,000                       | 1.00 | 3,463  | 3.5%           | 4,025                          | 6,092          | 2.0%  | 28,233          | 9,359 | 14,566          | 4,308          | 2.2%            |  |

Source: JobsEQ®

Data as of 2021Q4 unless noted otherwise

Note: Figures may not sum due to rounding.

1. Data based on a four-quarter moving average unless noted otherwise.

2. Wage data are as of 2020 and represent the average for all Covered Employment

3. Data represent found online ads active within the last thirty days in the selected region; data represents a sampling rather than the complete universe of postings. Ads lacking zip code information but designating a place (city, town, etc.) may be assigned to the zip code with greatest employment in that place for queries in this analytic. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list).

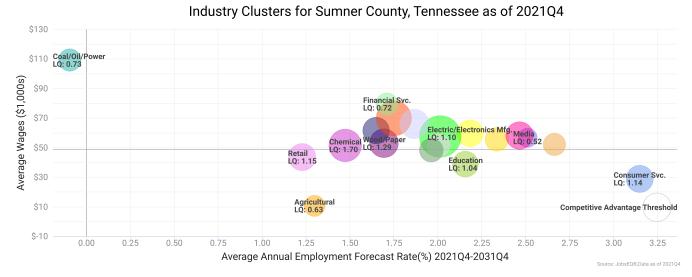
Occupation employment data are estimated via industry employment data and the estimated industry/occupation mix. Industry employment data are derived from the Quarterly Census of

Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2021Q3, imputed where necessary with preliminary estimates updated to 2021Q4. Wages by occupation are as of 2020 provided by the BLS and imputed where necessary. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



### **Industry Clusters**

A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in Sumner County, Tennessee with the highest relative concentration is Auto/Auto-related with a location quotient of 2.87. This cluster employs 3,128 workers in the region with an average wage of \$57,618. Employment in the Auto/Auto-related cluster is projected to expand in the region about 2.0% per year over the next ten years.

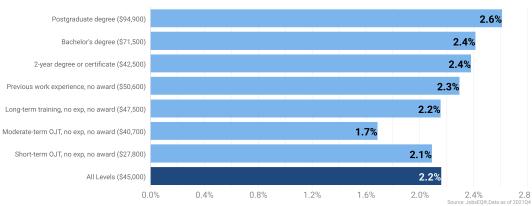


Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2021Q3 with preliminary estimates updated to 2021Q4. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



### **Education Levels**

Expected growth rates for occupations vary by the education and training required. While all employment in Sumner County, Tennessee is projected to grow 2.2% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 2.6% per year, those requiring a bachelor's degree are forecast to grow 2.4% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 2.4% per year.



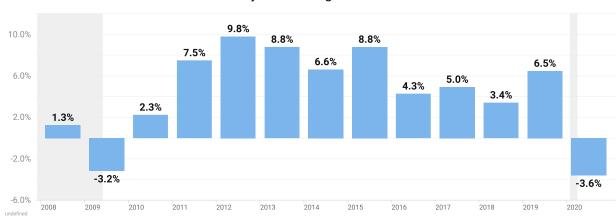
#### Annual Average Projected Job Growth by Training Tennessee

Employment by occupation data are estimates are as of 2021Q4. Education levels of occupations are based on BLS assignments. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



### **Gross Domestic Product**

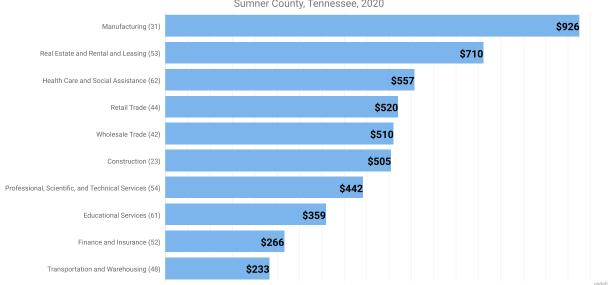
Gross Domestic Product (GDP) is the total value of goods and services produced by a region. In 2020, nominal GDP in Sumner County, Tennessee contracted 3.6%. This follows growth of 6.5% in 2019. As of 2020, total GDP in Sumner County, Tennessee was \$6,361,870,000.



1 year % Change in GDP

Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2020.

Of the sectors in Sumner County, Tennessee, Manufacturing contributed the largest portion of GDP in 2020, \$925,961,000 The next-largest contributions came from Real Estate and Rental and Leasing (\$710,160,000); Health Care and Social Assistance (\$557,135,000); and Retail Trade (\$520,321,000).

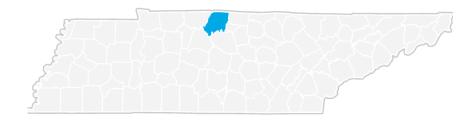


GDP (in \$ millions) Sumner County, Tennessee, 2020

Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2020.



### Sumner County, Tennessee Regional Map





#### What is a location quotient?

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

#### What is separation demand?

Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The total projected demand for an occupation is the sum of the separation demand and the growth demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

#### What is a cluster?

A cluster is a geographic concentration of interrelated industries or occupations. If a regional cluster has a location quotient of 1.25 or greater, the region is considered to possess a competitive advantage in that cluster.

#### What is the difference between industry wages and occupation wages?

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.

#### What is NAICS?

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the "all industry" level to the 6-digit level. The first two digits define the top level category, known as the "sector," which is the level examined in this report.

#### What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 804 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 22 major groups, 95 minor groups, and 452 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

About This Report



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