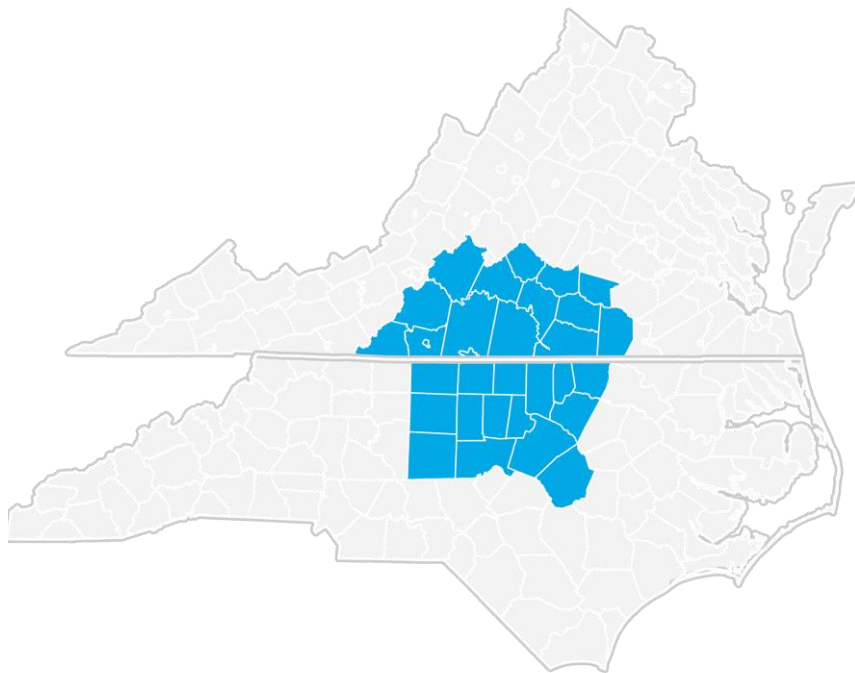




## **Economic Overview**

### **Person County 90 Minute Drive time**



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# Demographic Profile

In 2015, the population in the Person County 90 Minute Drive time was 3,460,520. Between 2005 and 2015, the region's population grew at an annual average rate of 1.5%.

The region has a civilian labor force of 1,695,184 with a participation rate of 64.0%. Of individuals 25 to 64 in the Person County 90 Minute Drive time, 35.6% have a bachelor's degree or higher which compares with 31.3% in the nation.

The median household income in the Person County 90 Minute Drive time is \$51,938 and the median house value is \$174,215.

| Summary <sup>1</sup>  |   |                   |       |   |                   |             |
|---|---|-------------------|-------|---|-------------------|-------------|
|   | Percent                                     |                   |       | Value                                       |                   |             |
|   | Person<br>County 90<br>Minute Drive<br>time | North<br>Carolina | USA   | Person<br>County 90<br>Minute Drive<br>time | North<br>Carolina | USA         |
| <b>Demographics</b>   |   |                   |       |   |                   |             |
| Population <sup>6</sup>   | —   | —                 | —     | 3,460,520                                   | 10,146,788        | 323,127,513 |
| Population Annual Average Growth <sup>6</sup>                                   | 1.5%  | 1.3%              | 0.8%  | 48,852                                      | 122,952           | 2,474,760   |
| Median Age <sup>2,4</sup>   | —   | —                 | —     | 37.4  | 37.4              | 37.2        |
| Under 18 Years <sup>4</sup>   | 23.8%                                       | 23.9%             | 24.0% | 761,586                                     | 2,281,635         | 74,181,467  |
| 18 to 24 Years <sup>4</sup>   | 10.0%                                       | 9.8%              | 9.9%  | 319,530                                     | 938,618           | 30,672,088  |
| 25 to 34 Years <sup>4</sup>   | 13.2%                                       | 13.1%             | 13.3% | 422,255                                     | 1,246,593         | 41,063,948  |
| 35 to 44 Years <sup>4</sup>   | 14.4%                                       | 13.9%             | 13.3% | 460,797                                     | 1,327,151         | 41,070,606  |
| 45 to 54 Years <sup>4</sup>   | 14.7%                                       | 14.4%             | 14.6% | 469,675                                     | 1,368,646         | 45,006,716  |
| 55 to 64 Years <sup>4</sup>   | 11.8%                                       | 11.9%             | 11.8% | 376,691                                     | 1,138,761         | 36,482,729  |
| 65 to 74 Years <sup>4</sup>   | 6.9%  | 7.3%              | 7.0%  | 221,266                                     | 697,567           | 21,713,429  |
| 75 Years, and Over <sup>4</sup>   | 5.4%  | 5.6%              | 6.0%  | 173,026                                     | 536,512           | 18,554,555  |
| Race: White <sup>4</sup>  | 65.9%                                       | 68.5%             | 72.4% | 2,113,372                                   | 6,528,950         | 223,553,265 |
| Race: Black or African American <sup>4</sup>                                    | 24.1%                                       | 21.5%             | 12.6% | 771,252                                     | 2,048,628         | 38,929,319  |
| Race: American Indian and Alaska Native <sup>4</sup>                            | 0.5%  | 1.3%              | 0.9%  | 16,159                                      | 122,110           | 2,932,248   |
| Race: Asian <sup>4</sup>  | 3.1%  | 2.2%              | 4.8%  | 98,774                                      | 208,962           | 14,674,252  |
| Race: Native Hawaiian and Other Pacific Islander <sup>4</sup>                   | 0.0%  | 0.1%              | 0.2%  | 1,261                                       | 6,604             | 540,013     |
| Race: Some Other Race <sup>4</sup>  | 4.3%  | 4.3%              | 6.2%  | 136,710                                     | 414,030           | 19,107,368  |
| Race: Two or More Races <sup>4</sup>  | 2.1%  | 2.2%              | 2.9%  | 67,298                                      | 206,199           | 9,009,073   |
| Hispanic or Latino (of any race) <sup>4</sup>                                   | 8.3%  | 8.4%              | 16.3% | 265,104                                     | 800,120           | 50,477,594  |
| <b>Economic</b>   |   |                   |       |   |                   |             |
| Labor Force Participation Rate and Size (civilian population 16 years and over) | 64.0%                                       | 61.8%             | 63.3% | 1,695,184                                   | 4,826,193         | 158,897,824 |
| Armed Forces Labor Force  | 0.1%  | 1.1%              | 0.4%  | 2,277                                       | 82,915            | 1,015,464   |
| Veterans, Age 18-64   | 5.6%  | 6.6%              | 5.5%  | 118,411                                     | 403,064           | 10,750,884  |
| Median Household Income <sup>2</sup>  | —   | —                 | —     | \$51,938                                    | \$46,868          | \$53,889    |
| Per Capita Income   | —   | —                 | —     | \$27,855                                    | \$25,920          | \$28,930    |

| Summary <sup>1</sup>   |   |                   |       |   |                   |             |
|--|---|-------------------|-------|---|-------------------|-------------|
|  | Percent                                     |                   |       | Value                                       |                   |             |
|  | Person<br>County 90<br>Minute Drive<br>time | North<br>Carolina | USA   | Person<br>County 90<br>Minute Drive<br>time | North<br>Carolina | USA         |
| Poverty Level (of all people)  | 15.7%                                       | 17.4%             | 15.5% | 507,748                                     | 1,667,465         | 47,749,043  |
| Households Receiving Food Stamps                                       | 12.7%                                       | 14.6%             | 13.2% | 162,735                                     | 552,539           | 15,399,651  |
| Mean Commute Time (minutes)  | —   | —                 | —     | 24.3  | 23.9              | 25.9        |
| Commute via Public Transportation                                      | 1.4%  | 1.1%              | 5.1%  | 21,072                                      | 48,600            | 7,362,038   |
| Union Membership <sup>3</sup>  | 2.5%  | 2.7%              | 10.7% | —   | —                 | —           |
| <b>Educational Attainment, Age 25-64</b>                               |   |                   |       |   |                   |             |
| No High School Diploma   | 11.5%                                       | 12.3%             | 11.8% | 204,541                                     | 638,273           | 19,736,243  |
| High School Graduate   | 23.3%                                       | 25.2%             | 26.4% | 414,899                                     | 1,307,604         | 43,982,863  |
| Some College, No Degree  | 20.7%                                       | 22.7%             | 21.7% | 369,364                                     | 1,173,878         | 36,187,232  |
| Associate's Degree   | 8.9%  | 9.8%              | 8.8%  | 159,076                                     | 509,440           | 14,742,654  |
| Bachelor's Degree  | 22.6%                                       | 19.9%             | 19.9% | 402,999                                     | 1,030,475         | 33,245,950  |
| Postgraduate Degree  | 13.0%                                       | 10.1%             | 11.4% | 232,241                                     | 521,439           | 18,952,103  |
| <b>Housing</b>   |   |                   |       |   |                   |             |
| Total Housing Units  | —   | —                 | —     | 1,446,327                                   | 4,417,210         | 133,351,840 |
| Median House Value (of owner-occupied units) <sup>2</sup>              | —   | —                 | —     | \$174,215                                   | \$154,900         | \$178,600   |
| Homeowner Vacancy  | 2.0%  | 2.3%              | 1.9%  | 17,365                                      | 57,803            | 1,492,691   |
| Rental Vacancy   | 6.8%  | 7.6%              | 6.4%  | 33,012                                      | 110,525           | 2,949,366   |
| Renter-Occupied Housing Units (% of Occupied Units)                    | 34.4%                                       | 34.9%             | 36.1% | 442,082                                     | 1,316,509         | 42,214,214  |
| Occupied Housing Units with No Vehicle Available (% of Occupied Units) | 6.3%  | 6.5%              | 9.1%  | 81,059                                      | 246,069           | 10,628,474  |
| <b>Social</b>  |   |                   |       |   |                   |             |
| Enrolled in Grade 12 (% of total population)                           | 1.3%  | 1.3%              | 1.4%  | 44,617                                      | 131,358           | 4,451,334   |
| Disconnected Youth <sup>5</sup>  | 3.2%  | 3.7%              | 3.0%  | 5,856                                       | 19,543            | 518,859     |
| Children in Single Parent Families (% of all children)                 | 35.9%                                       | 37.3%             | 34.8% | 263,795                                     | 808,608           | 24,408,909  |
| With a Disability, Age 18-64   | 10.1%                                       | 11.6%             | 10.3% | 210,466                                     | 697,807           | 19,985,588  |
| With a Disability, Age 18-64, Labor Force Participation Rate and Size  | 39.7%                                       | 38.2%             | 41.0% | 83,542                                      | 266,679           | 8,185,456   |
| Foreign Born   | 9.0%  | 7.7%              | 13.2% | 300,192                                     | 758,021           | 41,717,420  |
| Speak English Less Than Very Well (population 5 yrs and over)          | 5.1%  | 4.8%              | 8.6%  | 160,121                                     | 441,969           | 25,410,756  |

Source: [JobsEQ®](#)

1. ACS 2011-2015, 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.

3. 2016; Current Population Survey, unionstats.com, and Chmura; county- and zip-level data are best estimates based upon industry-, MSA-, and state-level data

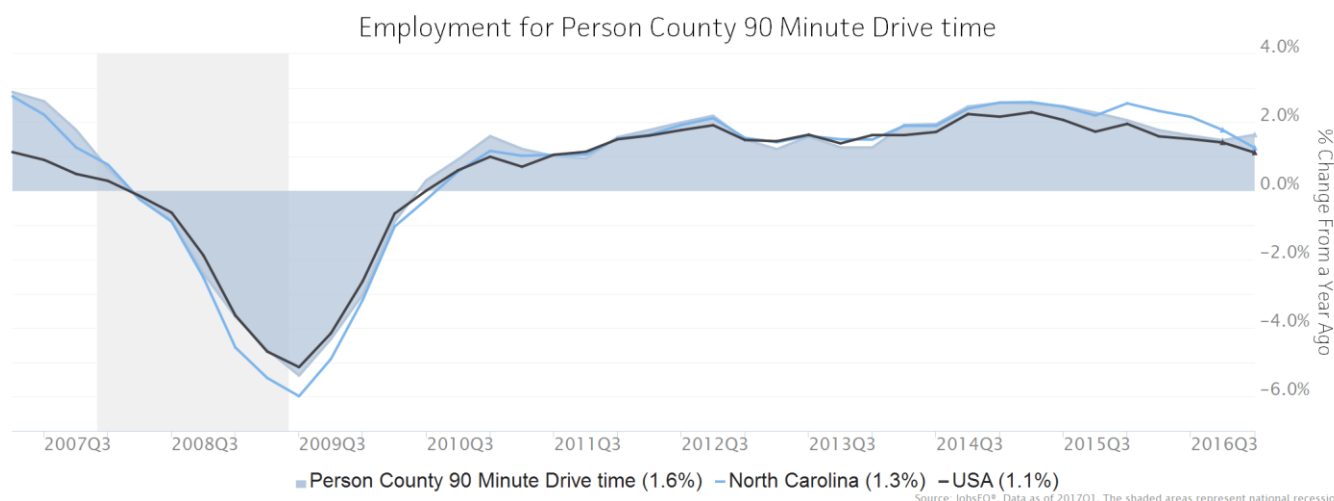
4. Census 2010

5. Disconnected 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.

6. Census 2016, annual average growth rate since 2006

# Employment Trends

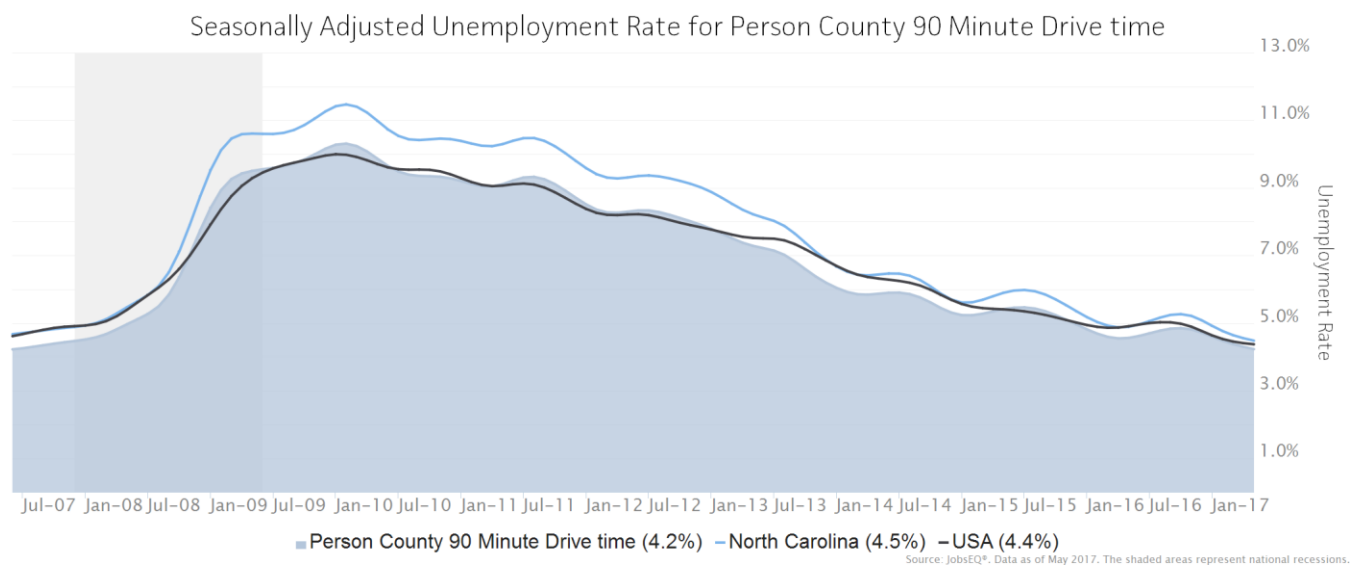
As of 2017Q1, total employment for the Person County 90 Minute Drive time was 1,610,913 (based on a four-quarter moving average). Over the year ending 2017Q1, employment increased 1.6% in the region.



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 2016Q3 with preliminary estimates updated to 2017Q1.

# Unemployment Rate

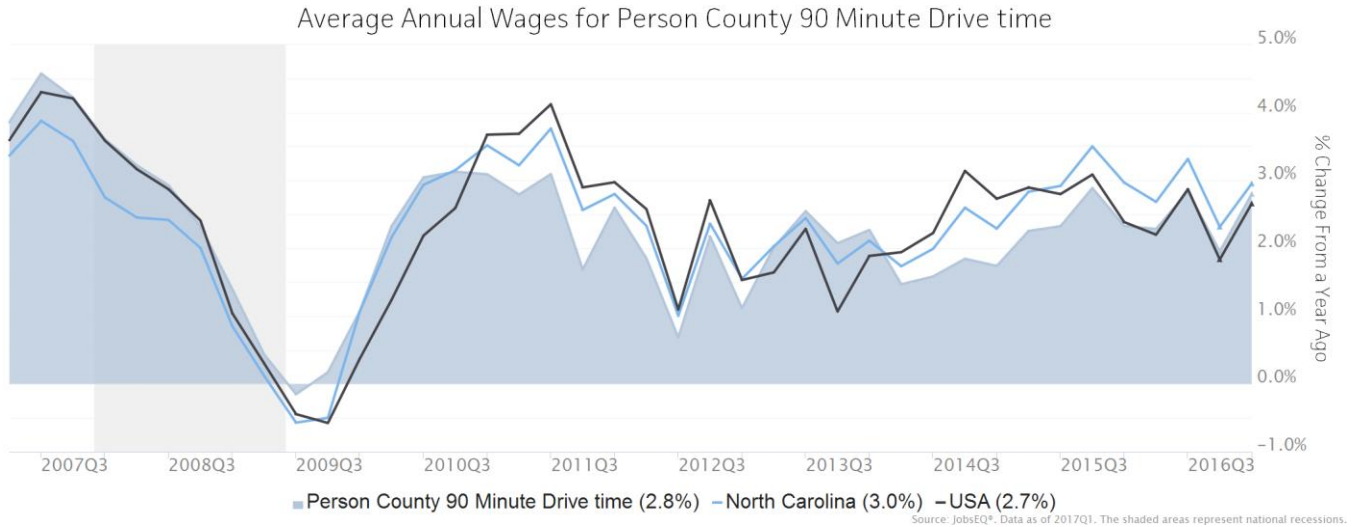
The seasonally adjusted unemployment rate for the Person County 90 Minute Drive time was 4.2% as of May 2017. The regional unemployment rate was lower than the national rate of 4.4%. One year earlier, in May 2016, the unemployment rate in the Person County 90 Minute Drive time was 4.6%.



Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through May 2017.

# Wage Trends

The average worker in the Person County 90 Minute Drive time earned annual wages of \$48,110 as of 2017Q1. Average annual wages per worker increased 2.8% in the region during the preceding four quarters. For comparison purposes, annual average wages were \$53,246 in the nation as of 2017Q1.



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 2016Q3 with preliminary estimates updated to 2017Q1.

# 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 8.1% lower in Person County 90 Minute Drive time than the U.S. average.

| Cost of Living Information         |                       |                                |                     |
|------------------------------------|-----------------------|--------------------------------|---------------------|
|                                    | Annual Average Salary | Cost of Living Index (Base US) | US Purchasing Power |
| Person County 90 Minute Drive time | \$48,110              | 91.9                           | \$52,324            |
| North Carolina                     | \$46,858              | 91.8                           | \$51,053            |
| USA                                | \$53,246              | 100.0                          | \$53,246            |

Source: [JobsEQ®](#)

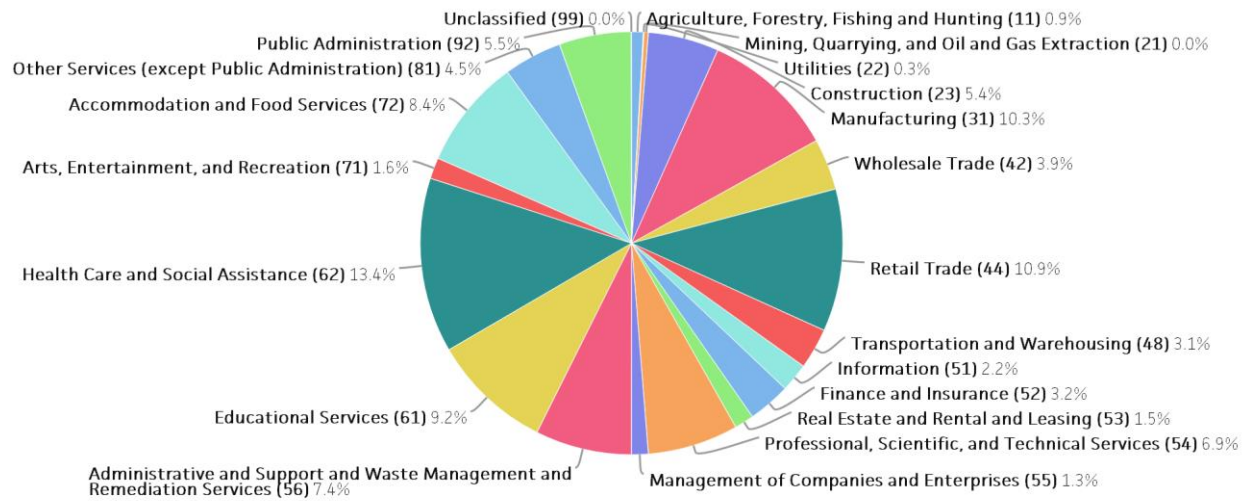
Data as of 2017Q1

Cost of Living per C2ER, data as of 2017q1, imputed by Chmura where necessary.

# Industry Snapshot

The largest sector in the Person County 90 Minute Drive time is Health Care and Social Assistance, employing 215,319 workers. The next-largest sectors in the region are Retail Trade (175,363 workers) and Manufacturing (165,323). 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 = 1.25), Public Administration (1.15), and Administrative and Support and Waste Management and Remediation Services (1.14).

Total Workers for Person County 90 Minute Drive time by Industry



Source: JobsEQ®, Data as of 2017Q1

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 2016Q3 with preliminary estimates updated to 2017Q1.

Sectors in the Person County 90 Minute Drive time with the highest average wages per worker are Management of Companies and Enterprises (\$91,420), Utilities (\$85,456), and Information (\$81,255). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Accommodation and Food Services (+21,556 jobs), Health Care and Social Assistance (+18,385), and Retail Trade (+18,030).

Over the next 10 years, employment in the Person County 90 Minute Drive time is projected to expand by 160,827 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +2.1% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+50,333 jobs), Professional, Scientific, and Technical Services (+22,096), and Administrative and Support and Waste Management and Remediation Services (+16,854).

|       |  | Current                          |                   |                   | Historical                         |   |                |       | Forecast                 |                     |                            |
|-------|--|----------------------------------|-------------------|-------------------|------------------------------------|---|----------------|-------|--------------------------|---------------------|----------------------------|
|       |  | Four Quarters Ending with 2017q1 |                   |                   | Total Change over the Last 5 Years | Average Annual % Change in Employment 2012q1-2017q1 |                |       | Over the Next 10 Years   |                     |                            |
| NAICS | Industry   | Empl                             | Avg. Annual Wages | Location Quotient | Empl                               | Person County 90 Minute Drive time                  | North Carolina | USA   | Total Approx Repl Demand | Total Growth Demand | Avg. Annual Growth Percent |
| 11    | Agriculture, Forestry, Fishing and Hunting                               | 14,576                           | \$31,522          | 0.63              | 166                                | 0.2%  | -0.2%          | 0.8%  | 4,938                    | -1,029              | -0.7%                      |
| 21    | Mining, Quarrying, and Oil and Gas Extraction                            | 673                              | \$59,261          | 0.10              | -187                               | -4.8%   | -1.4%          | -4.5% | 164                      | 19                  | 0.3%                       |
| 22    | Utilities  | 5,552                            | \$85,456          | 0.65              | 1,309                              | 5.5%  | 2.5%           | 0.1%  | 1,384                    | -250                | -0.5%                      |
| 23    | Construction   | 86,982                           | \$48,347          | 0.98              | 9,787                              | 2.4%  | 2.4%           | 3.1%  | 18,304                   | 14,505              | 1.6%                       |
| 31    | Manufacturing  | 165,323                          | \$68,008          | 1.25              | 7,682                              | 1.0%  | 1.3%           | 0.9%  | 36,633                   | -14,837             | -0.9%                      |
| 42    | Wholesale Trade  | 63,213                           | \$69,575          | 1.00              | 4,775                              | 1.6%  | 1.6%           | 1.0%  | 14,443                   | 5,328               | 0.8%                       |
| 44    | Retail Trade   | 175,363                          | \$28,194          | 1.01              | 18,030                             | 2.2%  | 2.2%           | 1.4%  | 56,412                   | 15,832              | 0.9%                       |
| 48    | Transportation and Warehousing   | 50,172                           | \$46,648          | 0.75              | 3,052                              | 1.3%  | 2.5%           | 2.5%  | 12,972                   | -439                | -0.1%                      |
| 51    | Information  | 35,317                           | \$81,255          | 1.09              | 4,727                              | 2.9%  | 2.5%           | 0.8%  | 8,912                    | 3,643               | 1.0%                       |
| 52    | Finance and Insurance  | 52,159                           | \$78,302          | 0.81              | 1,859                              | 0.7%  | 2.0%           | 1.1%  | 12,834                   | 5,283               | 1.0%                       |
| 53    | Real Estate and Rental and Leasing                                       | 24,000                           | \$49,843          | 0.88              | 3,549                              | 3.3%  | 3.3%           | 1.9%  | 5,572                    | 2,317               | 0.9%                       |
| 54    | Professional, Scientific, and Technical Services                         | 111,753                          | \$79,491          | 1.05              | 17,694                             | 3.5%  | 3.8%           | 2.6%  | 25,066                   | 22,096              | 1.8%                       |
| 55    | Management of Companies and Enterprises                                  | 20,678                           | \$91,420          | 0.88              | -2,627                             | -2.4%   | 1.6%           | 3.0%  | 4,562                    | 1,920               | 0.9%                       |
| 56    | Administrative and Support and Waste Management and Remediation Services | 118,769                          | \$32,874          | 1.14              | 15,409                             | 2.8%  | 2.9%           | 2.7%  | 28,258                   | 16,854              | 1.3%                       |
| 61    | Educational Services   | 148,367                          | \$45,039          | 1.11              | 5,322                              | 0.7%  | 0.3%           | 0.7%  | 32,079                   | 12,138              | 0.8%                       |
| 62    | Health Care and Social Assistance  | 215,319                          | \$48,871          | 0.94              | 18,385                             | 1.8%  | 1.6%           | 2.5%  | 45,520                   | 50,333              | 2.1%                       |
| 71    | Arts, Entertainment, and Recreation                                      | 25,968                           | \$21,558          | 0.82              | 3,480                              | 2.9%  | 3.5%           | 2.3%  | 8,321                    | 3,204               | 1.2%                       |
| 72    | Accommodation and Food Services  | 135,920                          | \$17,082          | 0.95              | 21,556                             | 3.5%  | 3.5%           | 3.0%  | 49,459                   | 12,786              | 0.9%                       |
| 81    | Other Services (except Public Administration)                            | 71,866                           | \$29,925          | 1.01              | 6,587                              | 1.9%  | 1.5%           | -0.1% | 18,647                   | 5,953               | 0.8%                       |
| 92    | Public Administration  | 88,560                           | \$49,757          | 1.15              | 2,014                              | 0.5%  | 0.4%           | 0.0%  | 21,966                   | 5,172               | 0.6%                       |
| 99    | Unclassified   | 383                              | \$39,607          | 0.12              | 378                                | 135.9%  | n/a            | 13.0% | 93                       | 0                   | 0.0%                       |
|       | Total - All Industries   | 1,610,913                        | \$48,110          | 1.00              | 142,948                            | 1.9%  | 2.0%           | 1.7%  | 408,659                  | 160,827             | 1.0%                       |

Source: [JobsEQ®](#)

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 2016Q3 with preliminary estimates updated to 2017Q1. Forecast employment growth uses national projections adapted for regional growth patterns.

# Occupation Snapshot

The largest major occupation group in the Person County 90 Minute Drive time is Office and Administrative Support Occupations, employing 229,362 workers. The next-largest occupation groups in the region are Sales and Related Occupations (164,833 workers) and Food Preparation and Serving Related Occupations (135,150). 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 Life, Physical, and Social Science Occupations (LQ = 1.42), Computer and Mathematical Occupations (1.26), and Education, Training, and Library Occupations (1.15).

Occupation groups in the Person County 90 Minute Drive time with the highest average wages per worker are Management Occupations (\$120,800), Legal Occupations (\$98,600), and Computer and Mathematical Occupations (\$87,500). The unemployment rate in the region varied among the major groups from 1.1% among Healthcare Practitioners and Technical Occupations to 9.6% among Construction and Extraction Occupations.

Over the next 10 years, the fastest growing occupation group in the Person County 90 Minute Drive time is expected to be Healthcare Support Occupations with a +2.5% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Healthcare Practitioners and Technical Occupations (+18,543 jobs) and Sales and Related Occupations (+14,992). Over the same period, the highest replacement demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Sales and Related Occupations (54,232 jobs) and Food Preparation and Serving Related Occupations (53,105).

| Occupation Snapshot in Person County 90 Minute Drive time |  |                                  |                                |      |        |             |                                    |                                     |                |      |                                     |                   |                     |                            |
|---|--|----------------------------------|--------------------------------|------|--------|-------------|------------------------------------|-------------------------------------|----------------|------|-------------------------------------|-------------------|---------------------|----------------------------|
|   |  | Current                          |                                |      |        |             | Historical                         |                                     |                |      | Forecast                            |                   |                     |                            |
|   |  | Four Quarters Ending with 2017q1 |                                |      | 2017q1 |             | Total Change over the Last 5 Years | Avg Ann % Chg in Empl 2012q1-2017q1 |                |      | Over the Next 10 Years              |                   |                     |                            |
| SOC   | Title  | Empl                             | Avg. Annual Wages <sup>1</sup> | LQ   | Unempl | Unempl Rate | Empl                               | Person County 90 Minute Drive time  | North Carolina | USA  | Current Online Job Ads <sup>2</sup> | Total Repl Demand | Total Growth Demand | Avg. Annual Growth Percent |
| 11-0000   | Management Occupations                         | 92,470                           | \$120,800                      | 0.94 | 1,876  | 2.0%        | 6,868                              | 1.6%                                | 1.8%           | 1.6% | 7,995                               | 31,086            | 8,946               | 0.9%                       |
| 13-0000   | Business and Financial Operations Occupations  | 82,761                           | \$70,900                       | 1.00 | 2,975  | 3.5%        | 5,939                              | 1.5%                                | 2.1%           | 1.7% | 5,631                               | 18,600            | 11,498              | 1.3%                       |
| 15-0000   | Computer and Mathematical Occupations          | 59,071                           | \$87,500                       | 1.26 | 1,855  | 3.1%        | 7,837                              | 2.9%                                | 3.7%           | 2.6% | 10,614                              | 9,452             | 11,668              | 1.8%                       |
| 17-0000   | Architecture and Engineering Occupations       | 29,458                           | \$78,600                       | 1.07 | 778    | 2.6%        | 2,915                              | 2.1%                                | 2.0%           | 1.1% | 1,937                               | 7,710             | 2,328               | 0.8%                       |
| 19-0000   | Life, Physical, and Social Science Occupations | 19,123                           | \$70,800                       | 1.42 | 451    | 2.3%        | 1,364                              | 1.5%                                | 1.5%           | 1.2% | 1,730                               | 6,018             | 2,338               | 1.2%                       |
| 21-0000   | Community and Social Service Occupations       | 24,208                           | \$44,500                       | 0.95 | 310    | 1.2%        | 1,611                              | 1.4%                                | 1.0%           | 1.9% | 1,143                               | 5,508             | 3,340               | 1.3%                       |
| 23-0000   | Legal Occupations                              | 10,280                           | \$98,600                       | 0.77 | 182    | 1.7%        | 291                                | 0.6%                                | 0.9%           | 0.4% | 256                                 | 2,130             | 1,419               | 1.3%                       |

| Occupation Snapshot in Person County 90 Minute Drive time |  |                                  |                                |      |        |             |                                    |                                     |                |      |                                     |                   |                     |                            |
|---|--|----------------------------------|--------------------------------|------|--------|-------------|------------------------------------|-------------------------------------|----------------|------|-------------------------------------|-------------------|---------------------|----------------------------|
|   |  | Current                          |                                |      |        |             | Historical                         |                                     |                |      | Forecast                            |                   |                     |                            |
|   |  | Four Quarters Ending with 2017q1 |                                |      | 2017q1 |             | Total Change over the Last 5 Years | Avg Ann % Chg in Empl 2012q1-2017q1 |                |      | Over the Next 10 Years              |                   |                     |                            |
| SOC   | Title  | Empl                             | Avg. Annual Wages <sup>1</sup> | LQ   | Unempl | Unempl Rate | Empl                               | Person County 90 Minute Drive time  | North Carolina | USA  | Current Online Job Ads <sup>2</sup> | Total Repl Demand | Total Growth Demand | Avg. Annual Growth Percent |
| 25-0000   | Education, Training, and Library Occupations               | 105,595                          | \$51,400                       | 1.15 | 1,965  | 1.8%        | 3,596                              | 0.7%                                | 0.3%           | 0.8% | 3,657                               | 22,274            | 10,628              | 1.0%                       |
| 27-0000   | Arts, Design, Entertainment, Sports, and Media Occupations | 26,294                           | \$51,900                       | 0.91 | 871    | 3.2%        | 2,396                              | 1.9%                                | 1.7%           | 1.3% | 1,363                               | 9,451             | 2,013               | 0.7%                       |
| 29-0000   | Healthcare Practitioners and Technical Occupations         | 94,192                           | \$74,700                       | 1.03 | 1,092  | 1.1%        | 7,028                              | 1.6%                                | 1.8%           | 1.7% | 5,921                               | 21,540            | 18,543              | 1.8%                       |
| 31-0000   | Healthcare Support Occupations                             | 46,334                           | \$28,100                       | 1.02 | 2,457  | 5.0%        | 4,286                              | 2.0%                                | 1.5%           | 2.2% | 1,746                               | 10,750            | 12,898              | 2.5%                       |
| 33-0000   | Protective Service Occupations                             | 33,498                           | \$37,700                       | 0.97 | 1,543  | 4.4%        | 1,913                              | 1.2%                                | 1.2%           | 1.0% | 930                                 | 8,219             | 2,495               | 0.7%                       |
| 35-0000   | Food Preparation and Serving Related Occupations           | 135,150                          | \$21,500                       | 0.98 | 11,203 | 7.7%        | 19,971                             | 3.2%                                | 3.2%           | 2.9% | 6,685                               | 53,105            | 13,567              | 1.0%                       |
| 37-0000   | Building and Grounds Cleaning and Maintenance Occupations  | 57,620                           | \$24,300                       | 1.01 | 5,208  | 8.5%        | 5,870                              | 2.2%                                | 1.9%           | 1.0% | 2,271                               | 13,540            | 5,785               | 1.0%                       |
| 39-0000   | Personal Care and Service Occupations                      | 55,554                           | \$24,900                       | 0.89 | 2,592  | 4.5%        | 6,158                              | 2.4%                                | 1.8%           | 2.1% | 2,227                               | 16,800            | 9,335               | 1.6%                       |
| 41-0000   | Sales and Related Occupations                              | 164,833                          | \$40,100                       | 0.99 | 7,835  | 4.6%        | 15,577                             | 2.0%                                | 2.2%           | 1.4% | 13,816                              | 54,232            | 14,992              | 0.9%                       |
| 43-0000   | Office and Administrative Support Occupations              | 229,362                          | \$35,300                       | 0.96 | 12,733 | 5.3%        | 17,957                             | 1.6%                                | 1.9%           | 1.7% | 8,492                               | 52,242            | 12,774              | 0.5%                       |
| 45-0000   | Farming, Fishing, and Forestry Occupations                 | 5,223                            | \$28,800                       | 0.49 | 478    | 8.3%        | 125                                | 0.5%                                | 0.1%           | 1.4% | 96                                  | 2,370             | -271                | -0.5%                      |
| 47-0000   | Construction and Extraction Occupations                    | 66,963                           | \$38,300                       | 0.94 | 6,936  | 9.6%        | 7,179                              | 2.3%                                | 2.1%           | 2.3% | 2,004                               | 12,824            | 10,512              | 1.5%                       |
| 49-0000   | Installation, Maintenance, and Repair Occupations          | 61,787                           | \$43,900                       | 1.01 | 2,527  | 4.0%        | 5,670                              | 1.9%                                | 2.1%           | 1.6% | 3,844                               | 15,578            | 5,661               | 0.9%                       |
| 51-0000   | Production Occupations                                     | 110,180                          | \$33,600                       | 1.13 | 7,164  | 6.2%        | 8,091                              | 1.5%                                | 1.6%           | 1.3% | 2,852                               | 30,233            | -6,243              | -0.6%                      |
| 53-0000   | Transportation and Material Moving Occupations             | 100,957                          | \$31,200                       | 0.94 | 8,322  | 7.7%        | 10,306                             | 2.2%                                | 2.5%           | 2.2% | 4,947                               | 26,993            | 6,600               | 0.6%                       |
| 00-0000   | Total - All Occupations                                    | 1,610,913                        | \$47,100                       | 1.00 | n/a    | n/a         | 142,948                            | 1.9%                                | 2.0%           | 1.7% | 90,157                              | 430,655           | 160,827             | 1.0%                       |

Source: [JobsEQ®](#)

Data as of 2017Q1 unless noted otherwise

Note: Figures may not sum due to rounding.

1. Occupation wages are as of 2016 and should be taken as the average for all Covered Employment

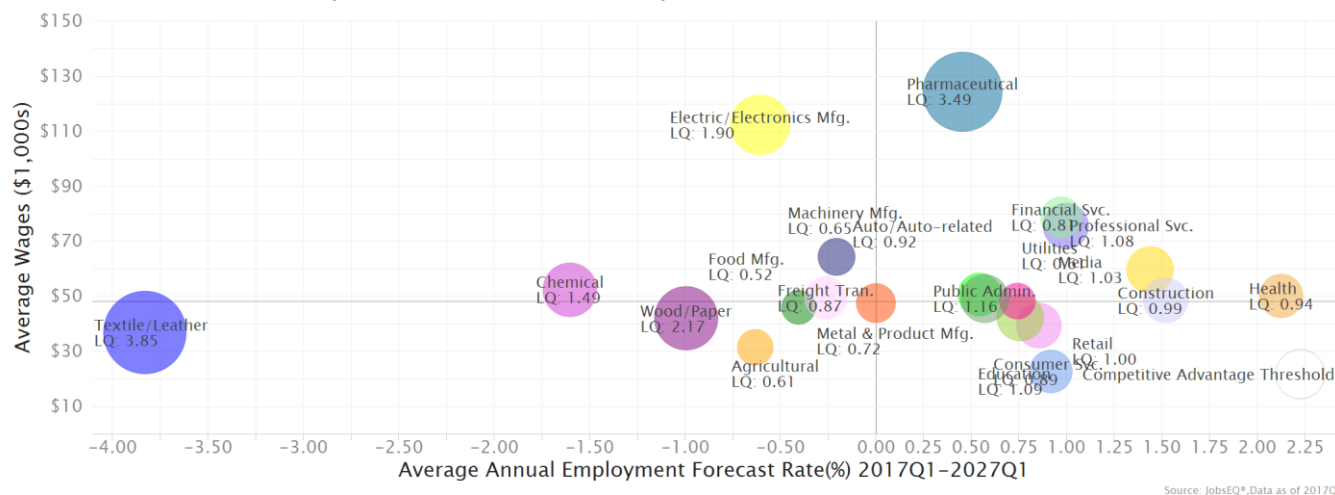
2. Data represent found online ads active within the last thirty days in any zip code intersecting or within the selected region; data represents a sampling rather than the complete universe of postings.

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 2016Q3, imputed where necessary with preliminary estimates updated to 2017Q1. Wages by occupation are as of 2016 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 the Person County 90 Minute Drive time with the highest relative concentration is Textile/Leather with a location quotient of 3.85. This cluster employs 16,780 workers in the region with an average wage of \$36,824. Employment in the Textile/Leather cluster is projected to contract in the region about 3.8% per year over the next ten years.

Industry Clusters for Person County 90 Minute Drive time as of 2017Q1

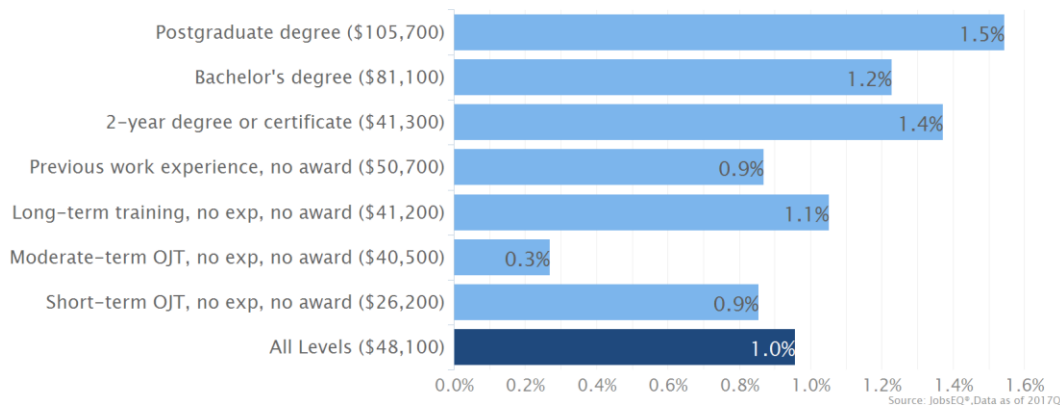


Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2016Q3 with preliminary estimates updated to 2017Q1. Forecast employment growth uses national projections from 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 the Person County 90 Minute Drive time is projected to grow 1.0% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 1.5% per year, those requiring a bachelor's degree are forecast to grow 1.2% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 1.4% per year.

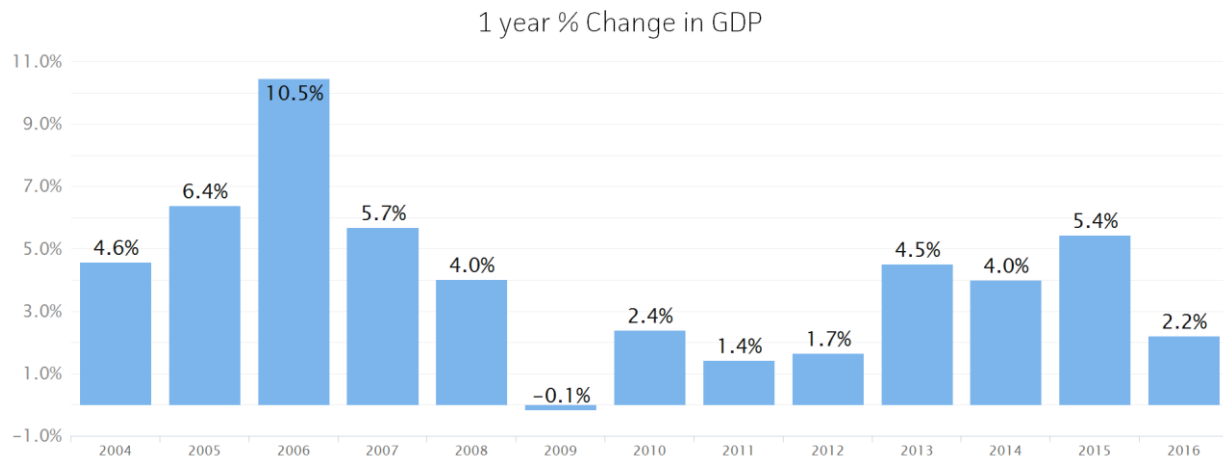
Annual Average Projected Job Growth by Training Required for Person County 90 Minute Drive time



Employment by occupation data are estimates as of 2017Q1. 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.

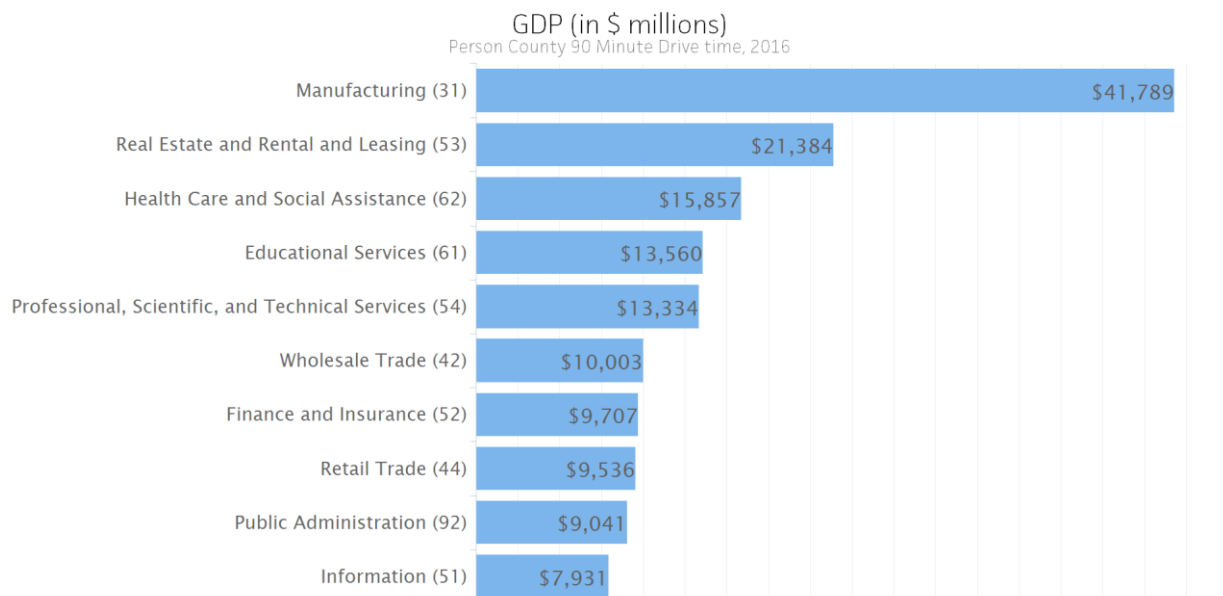
# Gross Domestic Product

Gross Domestic Product (GDP) is the total value of goods and services produced by a region. In 2016, nominal GDP in the Person County 90 Minute Drive time expanded 2.2%. This follows growth of 5.4% in 2015. As of 2016, total GDP in the Person County 90 Minute Drive time was \$185,963,148,000.



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2016.

Of the sectors in the Person County 90 Minute Drive time, Manufacturing contributed the largest portion of GDP in 2016, \$41,788,524,000. The next-largest contributions came from Real Estate and Rental and Leasing (\$21,383,979,000); Health Care and Social Assistance (\$15,857,087,000); and Educational Services (\$13,560,483,000).



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2016.

## Region Definition

Person County 90 Minute Drive time is defined as the following counties: Appomattox County, Virginia; Bedford County, Virginia; Brunswick County, Virginia; Campbell County, Virginia; Charlotte County, Virginia; Franklin County, Virginia; Halifax County, Virginia; Henry County, Virginia; Lunenburg County, Virginia; Mecklenburg County, Virginia; Nottoway County, Virginia; Patrick County, Virginia; Pittsylvania County, Virginia; Prince Edward County, Virginia; Danville City, Virginia; Martinsville City, Virginia; Alamance County, North Carolina; Caswell County, North Carolina; Chatham County, North Carolina; Durham County, North Carolina; Franklin County, North Carolina; Granville County, North Carolina; Guilford County, North Carolina; Johnston County, North Carolina; Orange County, North Carolina; Person County, North Carolina; Randolph County, North Carolina; Rockingham County, North Carolina; Vance County, North Carolina; Wake County, North Carolina; Warren County, North Carolina

# FAQ

## 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 replacement demand?

Replacement demand is the number of jobs required due to replacements—retirements and turnover resulting from workers moving from one occupation into another. Note that replacement demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The replacement demand shown in this report may also be understated; thus, it can be taken to be a minimum measure of the number of workers who will need to be trained for the occupation due to replacements. The total projected demand for an occupation is the sum of the replacement 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 820 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 96 minor groups, and 449 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

## About This Report

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