

Production Occupations in Ocone Labor Shed

Upstate SC Alliance



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What is Emsi Data?

Emsi data is a hybrid dataset derived from official government sources such as the US Census Bureau, Bureau of Economic Analysis, and Bureau of Labor Statistics. Leveraging the unique strengths of each source, our data modeling team creates an authoritative dataset that captures more than 99% of all workers in the United States. This core offering is then enriched with data from online social profiles, resumés, and job postings to give you a complete view of the workforce.

Emsi data is frequently cited in major publications such as *The Atlantic*, *Forbes*, *Harvard Business Review*, *The New York Times*, *The Wall Street Journal*, and *USA Today*.

The logo for The Atlantic, featuring the word "The" in a small, italicized serif font above the word "Atlantic" in a larger, italicized serif font.The logo for Forbes, featuring the word "Forbes" in a bold, black, serif font.The logo for Harvard Business Review, featuring the words "Harvard Business Review" in a bold, black, sans-serif font, stacked vertically.The logo for The New York Times, featuring the words "The New York Times" in a black, serif font, stacked vertically.The logo for The Wall Street Journal, featuring the letters "WSJ" in a large, black, serif font.The logo for USA Today, featuring a solid black circle to the left of the words "USA TODAY" in a bold, black, sans-serif font.

Report Parameters

1 Occupation

| | |
|---------|------------------------|
| 51-0000 | Production Occupations |
|---------|------------------------|

11 Counties

| | |
|-------|---------------------|
| 13119 | Franklin County, GA |
|-------|---------------------|

| | |
|-------|----------------------|
| 13137 | Habersham County, GA |
|-------|----------------------|

| | |
|-------|-----------------|
| 13147 | Hart County, GA |
|-------|-----------------|

| | |
|-------|------------------|
| 13241 | Rabun County, GA |
|-------|------------------|

| | |
|-------|---------------------|
| 13257 | Stephens County, GA |
|-------|---------------------|

| | |
|-------|--------------------|
| 37099 | Jackson County, NC |
|-------|--------------------|

| | |
|-------|------------------|
| 37113 | Macon County, NC |
|-------|------------------|

| | |
|-------|-------------------------|
| 37175 | Transylvania County, NC |
|-------|-------------------------|

| | |
|-------|---------------------|
| 45007 | Anderson County, SC |
|-------|---------------------|

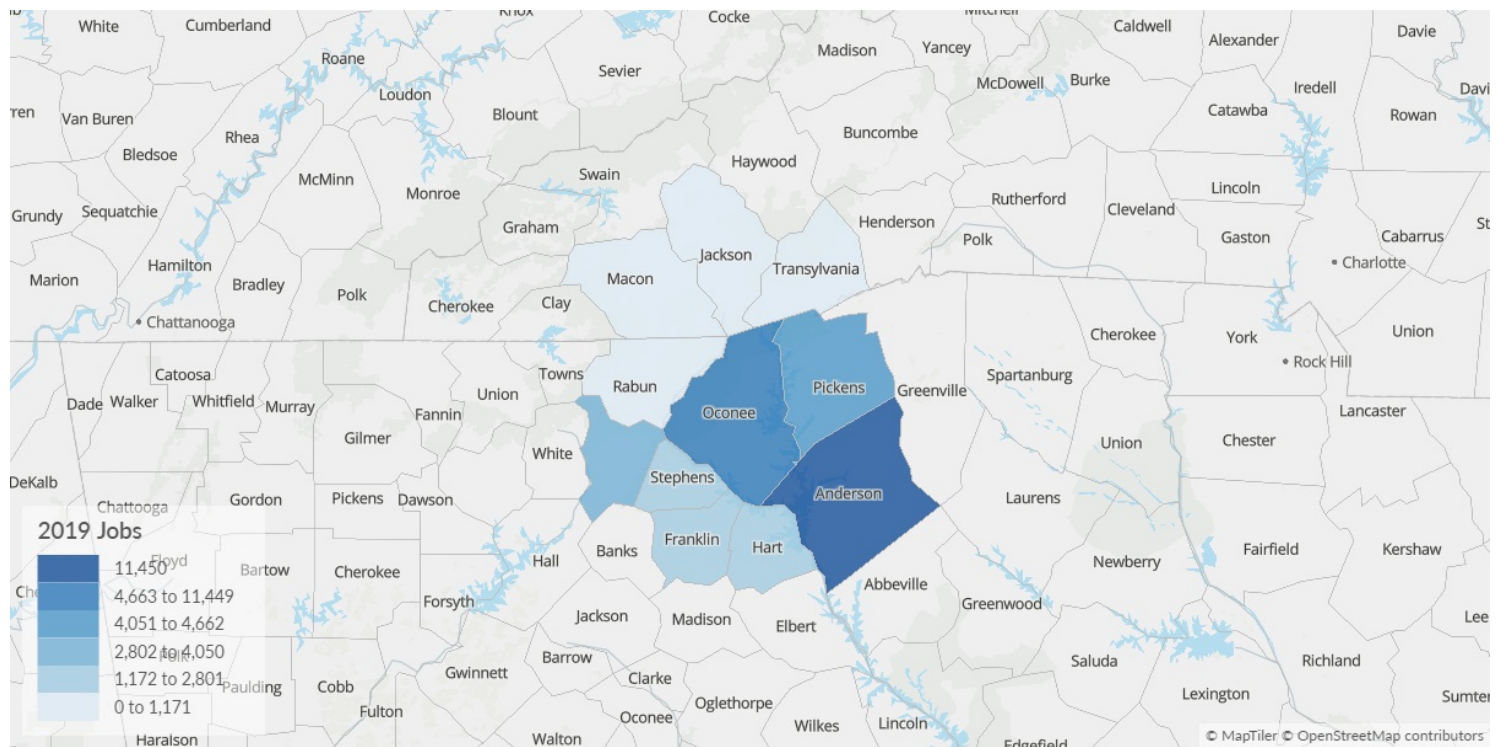
| | |
|---|--|
| <i>See Appendix A for all 11 Counties</i> | |
|---|--|

Class of Worker

QCEW Employees, Non-QCEW Employees, and Self-Employed

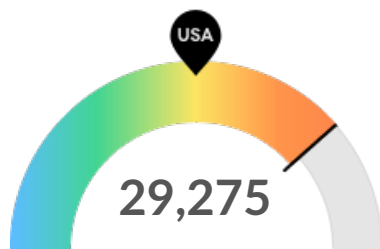
The information in this report pertains to the chosen occupation and geographical areas.

Workforce Map



Executive Summary

Aggressive Hiring Competition Over a Deep Supply of Regional Talent



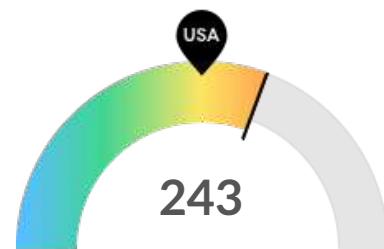
Supply (Jobs)

Your area is a hotspot for this kind of talent. The national average for an area this size is 13,784* employees, while there are 29,275 here.



Compensation

The cost for talent is about average in your area. The national median salary for Production Occupations is \$34,879, while you'll pay \$33,914 here.



Demand (Job Postings)

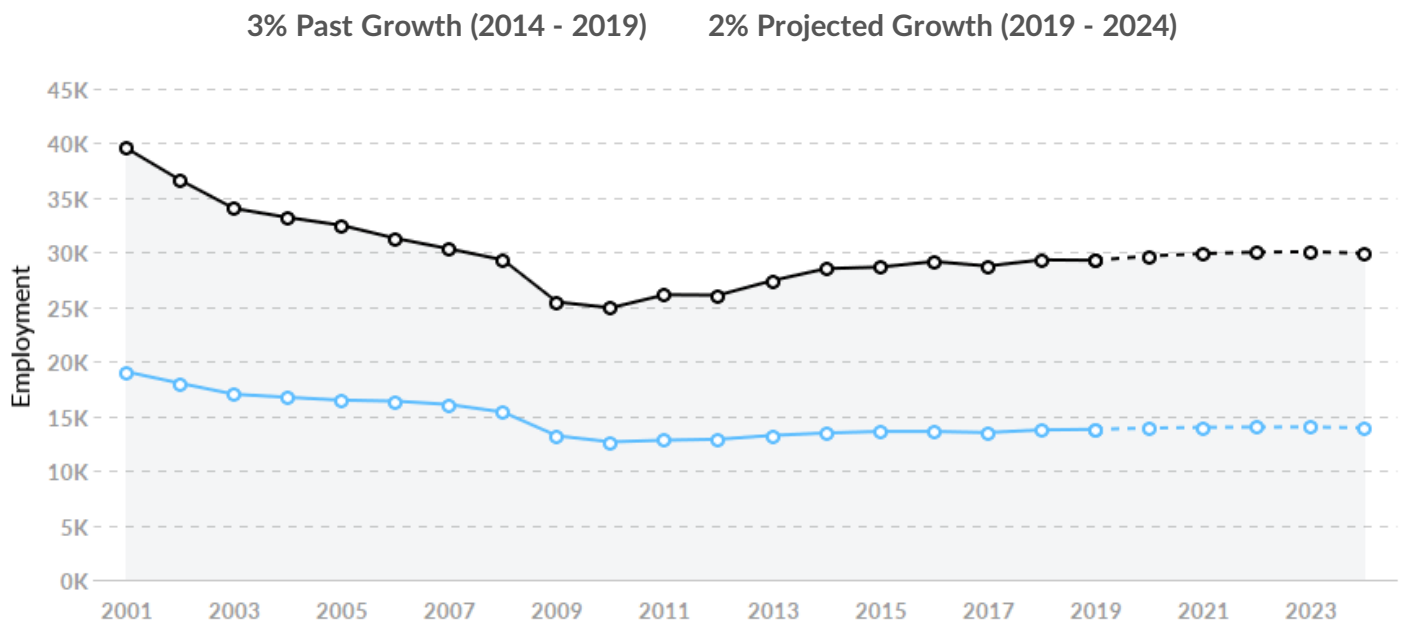
Competition from online job postings is high in your area. The national average for an area this size is 177* job postings/mo, while there are 243 here.

*National average values are derived by taking the national value for Production Occupations and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

Supply (Jobs)

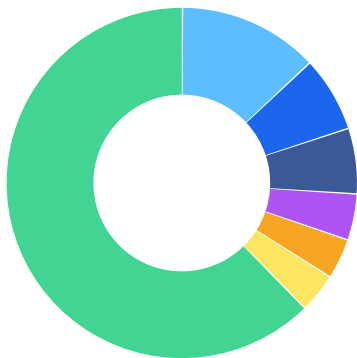
Supply Is Higher Than the National Average

The regional vs. national average employment helps you understand if the supply of Production Occupations is a strength or weakness for your area, and how it is changing relative to the nation. An average area of this size would have 13,784* employees, while there are 29,275 here. This higher than expected supply may make it easier to find candidates. The gap between expected and actual employment is expected to remain roughly the same over the next 5 years.



*National average values are derived by taking the national value for Production Occupations and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

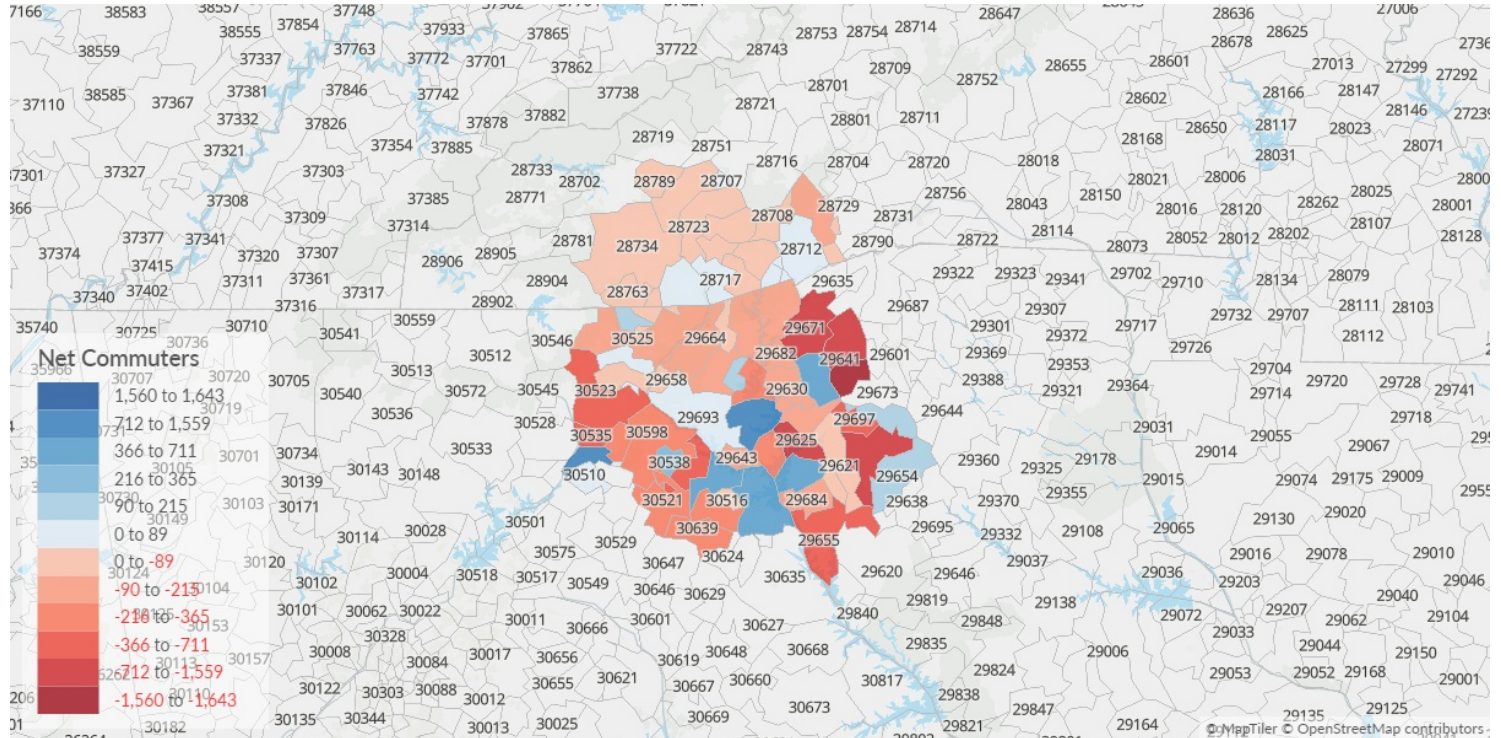
Most Jobs are Found in the Motor Vehicle Parts Manufacturing Industry Sector



| Industry | % of Occupation in Industry (2019) |
|--|------------------------------------|
| ● Motor Vehicle Parts Manufacturing | 12.9% |
| ● Fabric Mills | 7.0% |
| ● Other General Purpose Machinery Manufacturing | 6.0% |
| ● Animal Slaughtering and Processing | 4.3% |
| ● Household Appliance Manufacturing | 3.7% |
| ● Rubber Product Manufacturing | 3.6% |
| ● Other | 62.4% |

Place of Work vs Place of Residence

Understanding where talent in the region currently works compared to where talent lives can help you optimize site decisions.



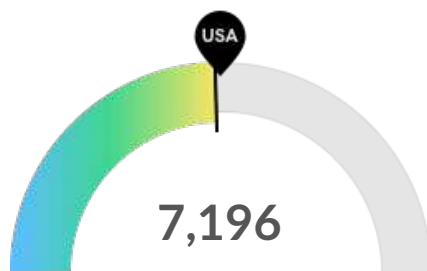
Where Talent Works

| ZIP | Name | 2019 Employment |
|-------|------------------------------|-----------------|
| 29621 | Anderson, SC (in Anders... | 2,549 |
| 29678 | Seneca, SC (in Oconee ... | 2,087 |
| 30531 | Cornelia, GA (in Habers... | 1,830 |
| 29622 | Anderson, SC (in Anders... | 1,664 |
| 29657 | Liberty, SC (in Pickens c... | 1,653 |

Where Talent Lives

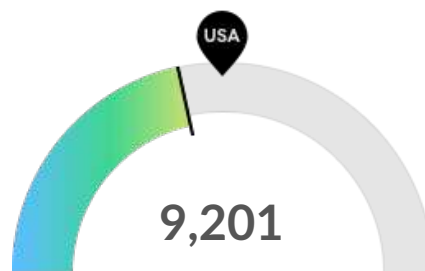
| ZIP | Name | 2019 Workers |
|-------|-----------------------------|--------------|
| 29621 | Anderson, SC (in Anders... | 2,568 |
| 29625 | Anderson, SC (in Anders... | 1,973 |
| 29642 | Easley, SC (in Pickens c... | 1,966 |
| 29640 | Easley, SC (in Pickens c... | 1,762 |
| 30577 | Toccoa, GA (in Stephen... | 1,392 |

Retirement Risk Is About Average, While Overall Diversity Is About Average



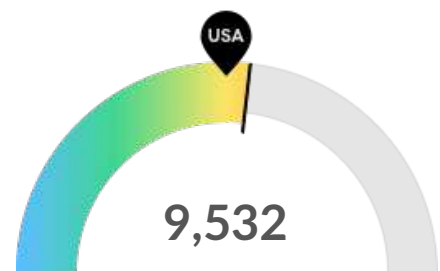
Retiring Soon

Retirement risk is about average in your area. The national average for an area this size is 7,377* employees 55 or older, while there are 7,196 here.



Racial Diversity

Racial diversity is low in your area. The national average for an area this size is 11,287* racially diverse employees, while there are 9,201 here.



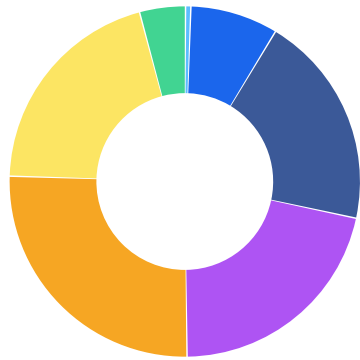
Gender Diversity

Gender diversity is high in your area. The national average for an area this size is 8,603* female employees, while there are 9,532 here.

*National average values are derived by taking the national value for Production Occupations and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

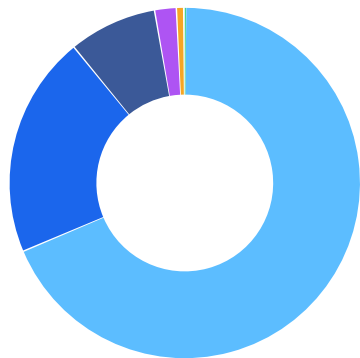
Demographic Details

Occupation Age Breakdown



| | % of Jobs | Jobs |
|-------|-----------|-------|
| 14-18 | 0.5% | 143 |
| 19-24 | 8.1% | 2,371 |
| 25-34 | 19.7% | 5,768 |
| 35-44 | 21.4% | 6,274 |
| 45-54 | 25.7% | 7,523 |
| 55-64 | 20.4% | 5,958 |
| 65+ | 4.2% | 1,238 |

Occupation Race/Ethnicity Breakdown



| | % of Jobs | Jobs |
|---|-----------|--------|
| White | 68.6% | 20,073 |
| Black or African American | 20.5% | 5,993 |
| Hispanic or Latino | 8.1% | 2,379 |
| Asian | 2.0% | 585 |
| Two or More Races | 0.7% | 197 |
| American Indian or Alaska Native | 0.1% | 41 |
| Native Hawaiian or Other Pacific Islander | 0.0% | 7 |

Occupation Gender Breakdown

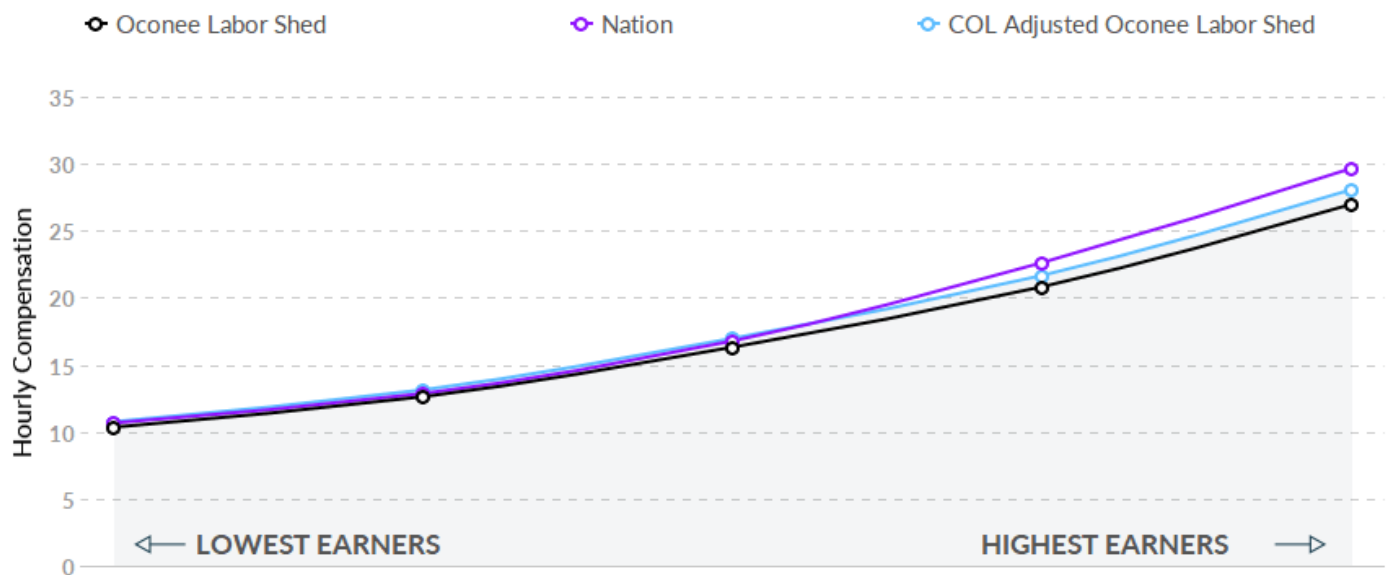


| | % of Jobs | Jobs |
|--------------------------------|-----------|--------|
| <div><div></div> Males</div> | 67.4% | 19,742 |
| <div><div></div> Females</div> | 32.6% | 9,532 |

Compensation

Talent Is 3% Cheaper

In 2018, the median compensation for Production Occupations in your area is \$16.30/hr. Based on the national median wage of \$16.77/hr for this position, this means you will spend about 3% less to employ Production Occupations here. However, their actual purchasing power will be 1% greater than the national median when we adjust for regional cost of living (which is 4% lower than average).



Demand



585 Employers Competing

All employers in the region who posted for this job over the last 12 months.



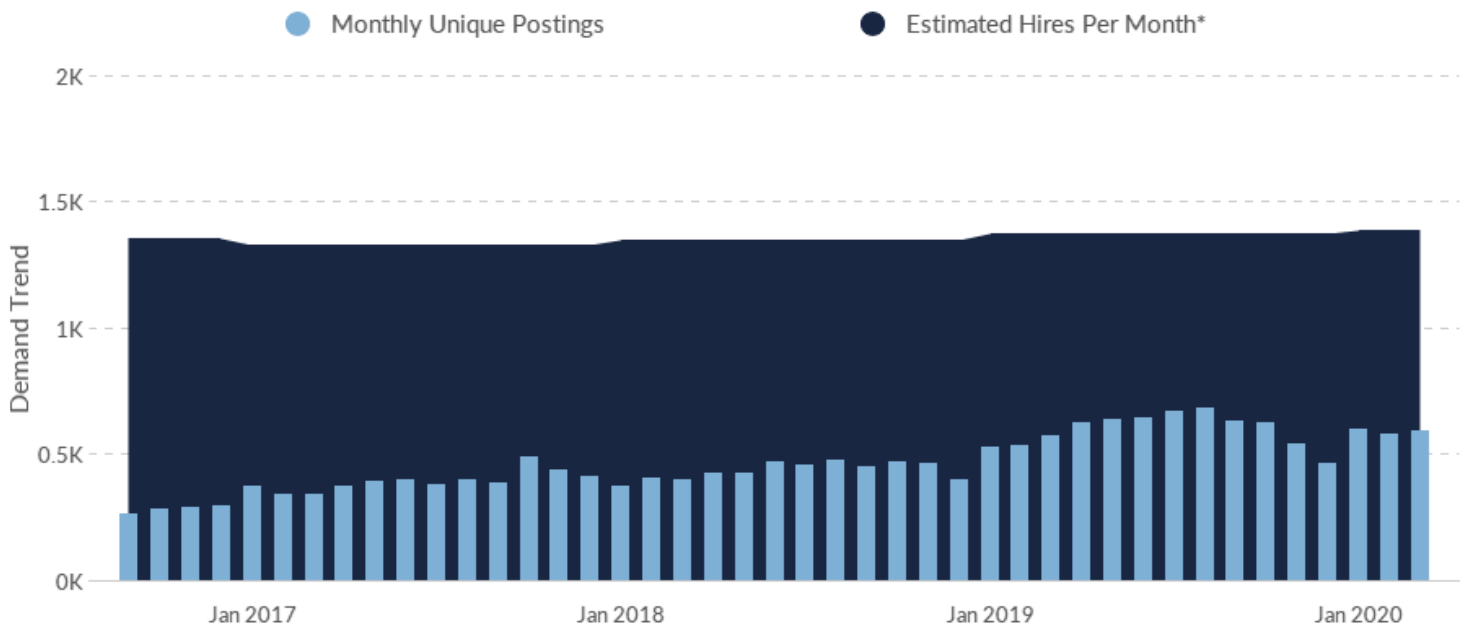
2,919 Unique Job Postings

The number of unique postings for this job over the last 12 months.













34 Day Median Duration

Posting duration is the same as what's typical in the region.



| Occupation | Avg Monthly Postings (Apr 2019 - Mar 2020) | Avg Monthly Hires (Apr 2019 - Mar 2020) |
|------------------------|--|---|
| Production Occupations | 609 | 1,376 |

*A hire is reported by the Quarterly Workforce Indicators when an individual's Social Security Number appears on a company's payroll and was not there the quarter before. Emsi hires are calculated using a combination of Emsi jobs data, information on separation rates from the Bureau of Labor Statistics (BLS), and industry-based hires data from the Census Bureau.

| Top Companies | Unique Postings | Top Job Titles | Unique Postings |
|---------------------------------|---|--------------------------------|---|
| American Consumer, Inc. | 122  | Machine Operators (Production) | 298  |
| Middle Georgia Employer Comm... | 110  | Welders (Production) | 146  |
| Resource Mfg | 69  | Production Supervisors | 128  |
| Mau Inc | 68  | CNC Machinists | 112  |
| Arthrex, Inc. | 66  | Production Workers | 62  |

Graduate Pipeline



21 Programs

63 programs can train for this job, while only 21 programs have produced completers in this region.



843 Completions (2018)

The completions from all regional institutions for all degree types.



3,762 Openings (2018)

The average number of openings for an occupation in the region is 41.

| Top Programs | | Completions (2018) | | Top Schools | | Completions (2018) | |
|-------------------------------------|-----|--------------------|--|---------------------------------|-----|--------------------|--|
| Mechanical Engineering | 276 | <div></div> | | Tri-County Technical College | 359 | <div></div> | |
| Welding Technology/Welder | 219 | <div></div> | | Clemson University | 292 | <div></div> | |
| Industrial Electronics Technolog... | 109 | <div></div> | | North Georgia Technical College | 110 | <div></div> | |
| Machine Tool Technology/Mach... | 41 | <div></div> | | Southwestern Community Colle... | 32 | <div></div> | |
| Operations Management and Su... | 32 | <div></div> | | Southern Wesleyan University | 26 | <div></div> | |

Appendix A (Geographies)

| Code | Description |
|-------|----------------------|
| 13119 | Franklin County, GA |
| 13137 | Habersham County, GA |
| 13147 | Hart County, GA |
| 13241 | Rabun County, GA |
| 13257 | Stephens County, GA |
| 37099 | Jackson County, NC |

| Code | Description |
|-------|-------------------------|
| 37113 | Macon County, NC |
| 37175 | Transylvania County, NC |
| 45007 | Anderson County, SC |
| 45073 | Oconee County, SC |
| 45077 | Pickens County, SC |