

FSEP_MedicalDeviceManufacturing in Sumner County, TN

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What is Lightcast Data?

Lightcast 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, resums, and job postings to give you a complete view of the workforce.

Lightcast 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*.



Report Parameters

49 Occupations

19-1021	Biochemists and Biophysicists	19-2032	Materials Scientists
19-1022	Microbiologists	19-4021	Biological Technicians
19-1042	Medical Scientists, Except Epidemiologists	19-4031	Chemical Technicians
19-1099	Life Scientists, All Other	19-4099	Life, Physical, and Social Science Technicians, All Other
19-2031	Chemists	See Appendix A for all 49 Occupations	

1 County

47165	Sumner County, TN
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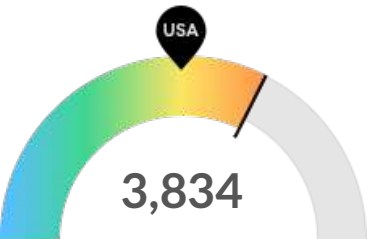
Class of Worker

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

The information in this report pertains to the chosen occupations and geographical area.

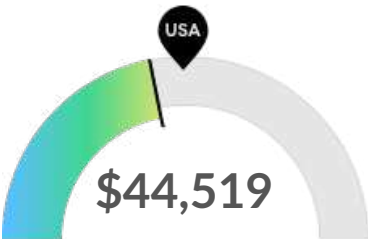
Executive Summary

Aggressive Job Posting Demand Over a Deep Supply of Regional Jobs



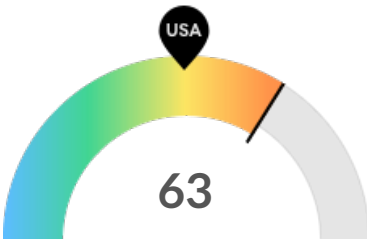
Jobs (2023)

Sumner County, TN is a hotspot for this kind of job. The national average for an area this size is 2,537* employees, while there are 3,834 here.



Compensation

Earnings are about average in Sumner County, TN. The national median salary for your occupations is \$45,366, compared to \$44,519 here.



Job Posting Demand

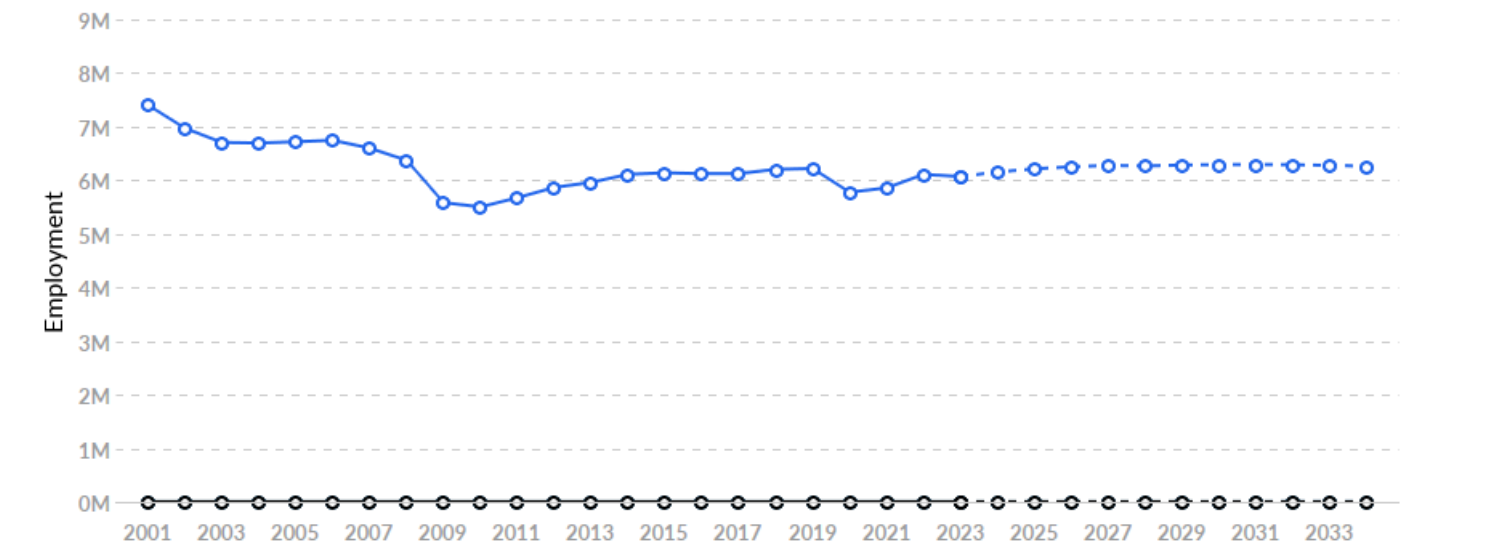
Job posting activity is high in Sumner County, TN. The national average for an area this size is 38* job postings/mo, while there are 63 here.

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

Jobs

Regional Employment Is Higher Than the National Average

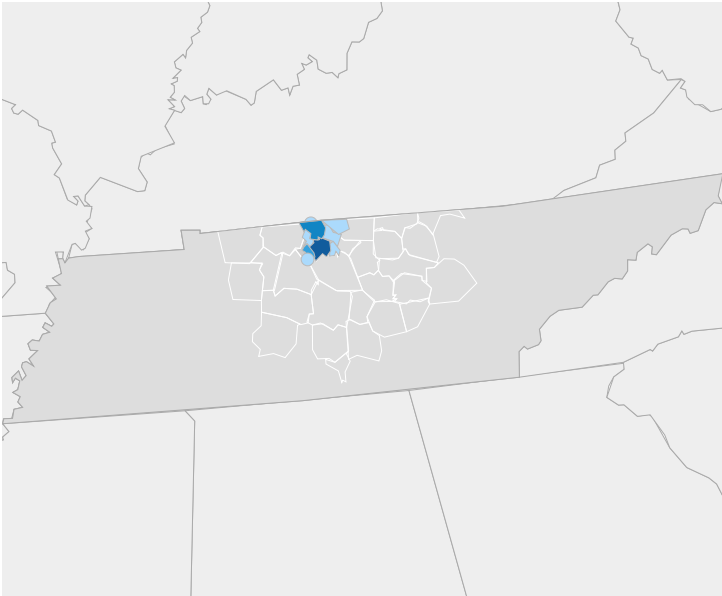
An average area of this size typically has 2,537* jobs, while there are 3,834 here. This higher than average supply of jobs may make it easier for workers in this field to find employment in your area.



	Region	2023 Jobs	2024 Jobs	Change	% Change
●	Sumner County, TN	3,834	3,892	57	1.5%
●	National Average	2,537	2,606	69	2.7%
●	United States	6,070,135	6,154,158	84,023	1.4%

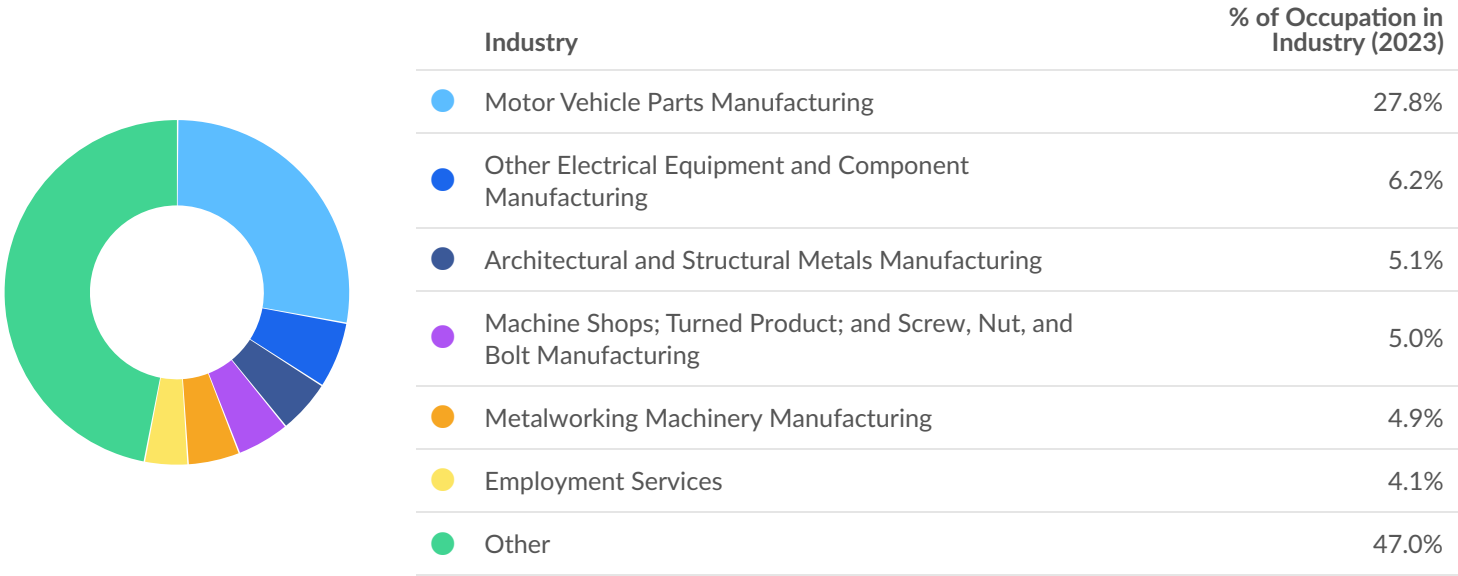
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Regional Breakdown



ZIP	2023 Jobs
Gallatin, TN 37066 (in Sumner county)	2,061
Portland, TN 37148 (in Sumner county)	1,007
Hendersonville, TN 37075 (in Sumner county)	709
Cottontown, TN 37048 (in Sumner county)	21
Westmoreland, TN 37186 (in Sumner county)	21

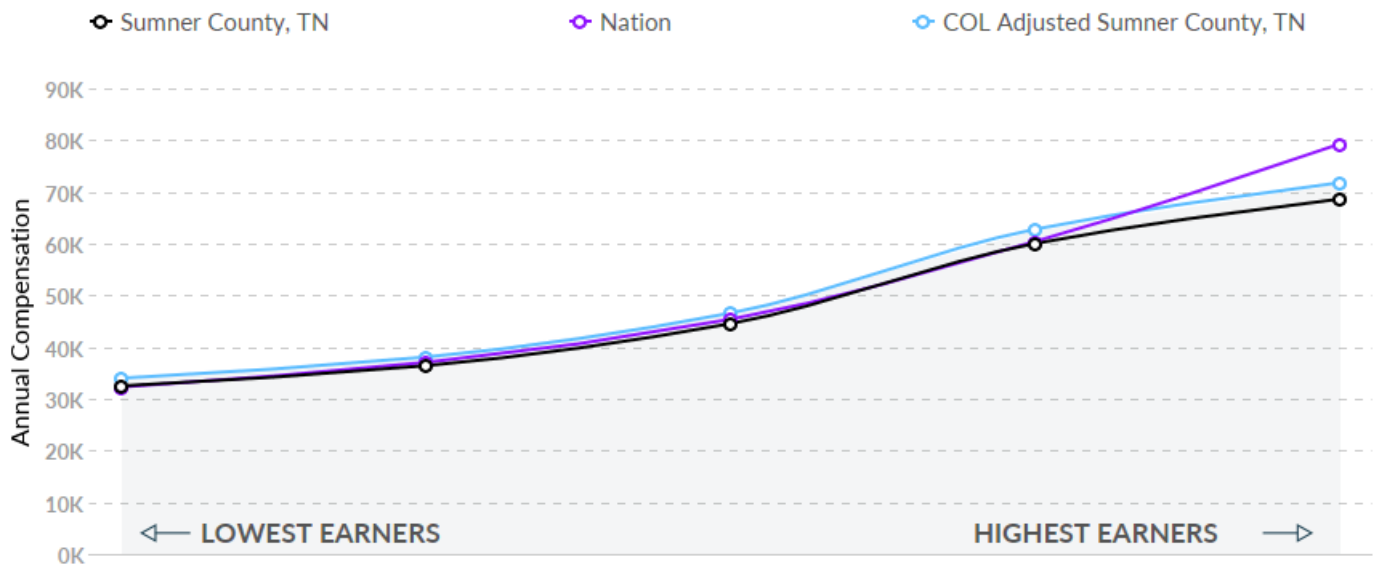
Most Jobs are Found in the Motor Vehicle Parts Manufacturing Industry Sector



Compensation

Regional Compensation Is 2% Lower Than National Compensation

For your occupations, the 2023 median wage in Sumner County, TN is \$44,519, while the national median wage is \$45,366.



Job Posting Activity



1,502 Unique Job Postings

The number of unique postings for this job from Jan 2023 to Dec 2024.



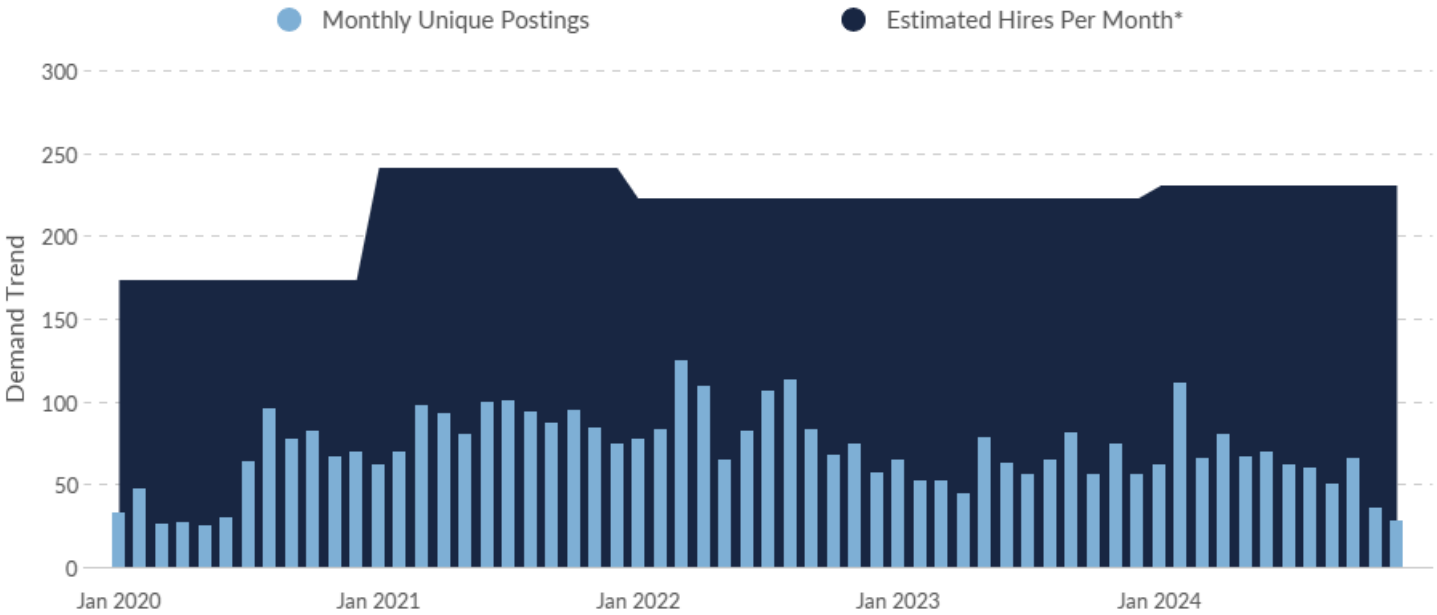
229 Employers Competing

All employers in the region who posted for this job from Jan 2023 to Dec 2024.



27 Day Median Duration

Posting duration is 1 day shorter than what's typical in the region.

















Occupation	Avg Monthly Postings (Jan 2023 - Dec 2024)	Avg Monthly Hires (Jan 2023 - Dec 2024)
Production Workers, All Other	24	22
Miscellaneous Assemblers and Fabricators	7	80
First-Line Supervisors of Production and Operating Workers	8	17

*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. Lightcast hires are calculated using a combination of Lightcast jobs data, information on separation rates from the Bureau of Labor Statistics (BLS), and industry-based hires data from the Census Bureau.

Occupation	Avg Monthly Postings (Jan 2023 - Dec 2024)	Avg Monthly Hires (Jan 2023 - Dec 2024)
Inspectors, Testers, Sorters, Samplers, and Weighers	7	25
Molders, Shapers, and Casters, Except Metal and Plastic	4	2
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1	8
Occupational Health and Safety Technicians	2	0
Computer Numerically Controlled Tool Operators	1	4
Occupational Health and Safety Specialists	2	3
Tool and Die Makers	1	6
Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	1	0
Machinists	1	11
Packaging and Filling Machine Operators and Tenders	1	4
Medical Scientists, Except Epidemiologists	1	2
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	1	4
Grinding and Polishing Workers, Hand	0	0
Life, Physical, and Social Science Technicians, All Other	0	0
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	0	0
Helpers--Production Workers	0	8
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	0	2
Computer Numerically Controlled Tool Programmers	0	0
Biological Technicians	0	2
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	0	1
Mixing and Blending Machine Setters, Operators, and Tenders	0	2
Dental Laboratory Technicians	0	0
Chemical Technicians	0	0

Occupation	Avg Monthly Postings (Jan 2023 - Dec 2024)	Avg Monthly Hires (Jan 2023 - Dec 2024)
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	0	5
Patternmakers, Metal and Plastic	0	0
Tool Grinders, Filers, and Sharpeners	0	0
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	0	1
Chemists	0	0
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	0	2
Medical Appliance Technicians	0	0
Ophthalmic Laboratory Technicians	0	0
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	0	0

Top Companies	Unique Postings	Top Job Titles	Unique Postings
Randstad	127 	Machine Operators	174 
Aerotek	101 	Assemblers	92 
Adecco	49 	Production Associates	61 
Stanley Black & Decker	42 	Production Supervisors	39 
ITW	38 	Production Operators	38 
U.S Tsubaki Automotive	34 	Production Workers	34 
ManpowerGroup	32 	Quality Technicians	31 
Simpson Strong-Tie	31 	Quality Inspectors	27 
Rich Products Corporation	30 	Set Up Technicians	23 
ProAmpac's	29 	Heat Treat Operators	22 

Top Distinguishing Skills by Demand

Not enough data to display Distinguishing Skills for this occupation.

Top Defining Skills by Demand

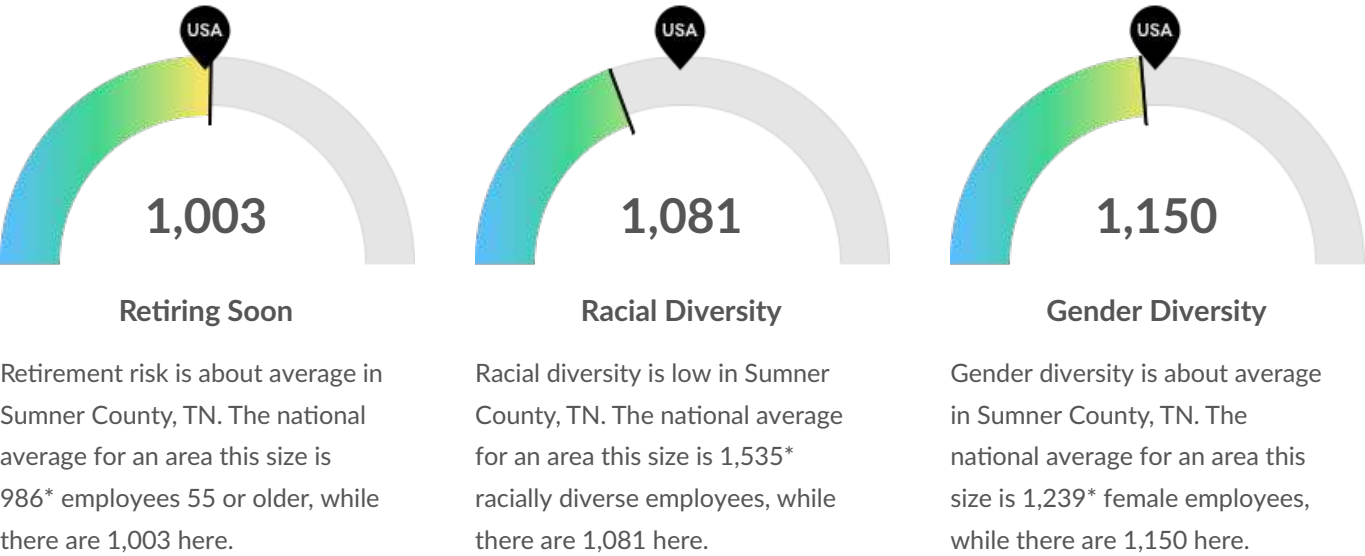
Not enough data to display Defining Skills for this occupation.

Top Necessary Skills by Demand

Not enough data to display Necessary Skills for this occupation.

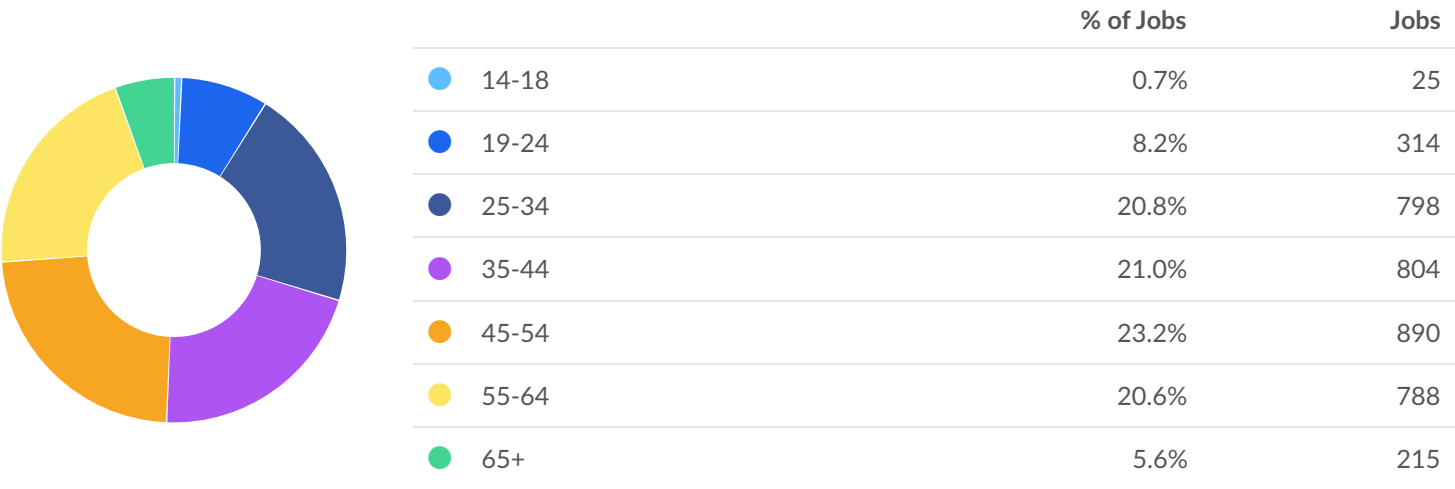
Demographics

Retirement Risk Is About Average, While Overall Diversity Is Low

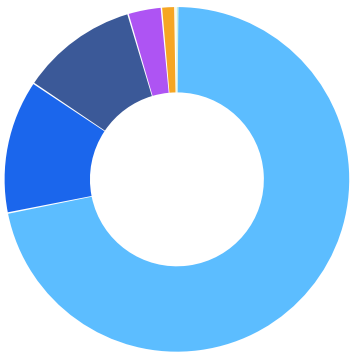


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Occupation Age Breakdown

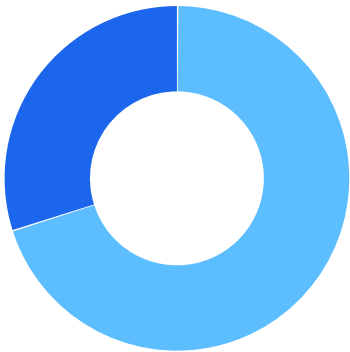


Occupation Race/Ethnicity Breakdown



	% of Jobs	Jobs
White	71.8%	2,753
Black or African American	12.5%	480
Hispanic or Latino	11.0%	423
Asian	3.1%	120
Two or More Races	1.3%	48
American Indian or Alaska Native	0.2%	6
Native Hawaiian or Other Pacific Islander	0.1%	4

Occupation Gender Breakdown



	% of Jobs	Jobs
Males	70.0%	2,684
Females	30.0%	1,150

Occupational Programs



2 Programs

Of the programs that can train for this job, 2 have produced completions in the last 5 years.



11 Completions (2023)

The completions from all regional institutions for all degree types.



460 Openings (2023)

The average number of openings for an occupation in the region is 13.

CIP Code	Top Programs	Completions (2023)	
51.1803	Ophthalmic Technician/Technologist	6	<div></div>
26.0101	Biology/Biological Sciences, General	5	<div></div>

Top Schools	Completions (2023)	
Volunteer State Community College	6	<div></div>
Welch College	5	<div></div>

Appendix A (Occupations)

Code	Description
19-1021	Biochemists and Biophysicists
19-1022	Microbiologists
19-1042	Medical Scientists, Except Epidemiologists
19-1099	Life Scientists, All Other
19-2031	Chemists
19-2032	Materials Scientists
19-4021	Biological Technicians
19-4031	Chemical Technicians
19-4099	Life, Physical, and Social Science Technicians, All Other
19-5011	Occupational Health and Safety Specialists
19-5012	Occupational Health and Safety Technicians
51-1011	First-Line Supervisors of Production and Operating Workers

Code	Description
51-2098	Miscellaneous Assemblers and Fabricators
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic
51-4041	Machinists
51-4052	Pourers and Casters, Metal
51-4061	Model Makers, Metal and Plastic

Code	Description
51-4062	Patternmakers, Metal and Plastic
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4111	Tool and Die Makers
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic
51-4192	Layout Workers, Metal and Plastic
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic
51-4194	Tool Grinders, Filers, and Sharpeners
51-4199	Metal Workers and Plastic Workers, All Other
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers
51-9022	Grinding and Polishing Workers, Hand

Code	Description
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers
51-9081	Dental Laboratory Technicians
51-9082	Medical Appliance Technicians
51-9083	Ophthalmic Laboratory Technicians
51-9111	Packaging and Filling Machine Operators and Tenders
51-9161	Computer Numerically Controlled Tool Operators
51-9162	Computer Numerically Controlled Tool Programmers
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic
51-9198	Helpers--Production Workers

Code	Description
51-9199	Production Workers, All Other

Appendix B - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates are also affected by county-level Emsi earnings by industry.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Cost of Living Data

Lightcast's cost of living data is based on the Cost of Living Index published by the Council for Community and Economic Research (C2ER).

Lightcast Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.