



Computer Numerically Controlled Tool Operators in 3 Texas Counties

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What is Emsi Data?

Computer Numerically Controlled Tool Operators (SOC 51-9161):

Operate computer-controlled tools, machines, or robots to machine or process parts, tools, or other work pieces made of metal, plastic, wood, stone, or other materials. May also set up and maintain equipment.

Sample of Reported Job Titles:

Computer Numerical Control Operator (CNC Operator)
Computer Numerical Control Machinist (CNC Machinist)
Computer Numerical Control Machine Operator (CNC Machine Operator)
Computer Numerical Control Lathe Operator (CNC Lathe Operator)
CNC Technician (Computer Numerical Control Technician)
Machinist
Machine Set-Up Operator
Machine Operator
Computer Numerical Control Set-Up and Operator (CNC Set-Up and Operator)
Computer Numerical Control Mill Operator (CNC Mill Operator)

Related O*NET Occupation:

Computer-Controlled Machine Tool Operators, Metal and Plastic (51-4011.00)

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*.



Report Parameters

1 Occupation

51-9161 Computer Numerically Controlled Tool Operators

3 Counties

48215 Hidalgo County, TX

48489 Willacy County, TX

48427 Starr County, TX

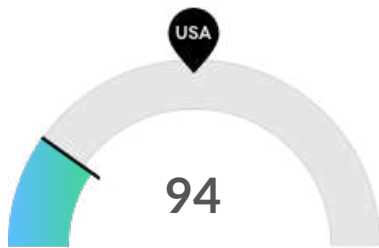
Class of Worker

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

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

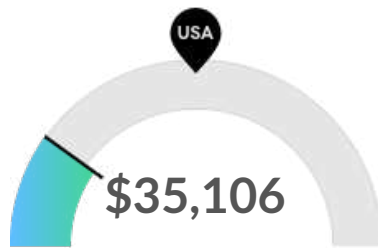
Executive Summary

Light Job Posting Demand Over a Thin Supply of Regional Jobs



Jobs (2020)

Your area is not a hotspot for this kind of job. The national average for an area this size is 298* employees, while there are 94 here.



Compensation

Earnings are low in your area. The national median salary for Computer Numerically Controlled Tool Operators is \$41,203, compared to \$35,106 here.



Job Posting Demand

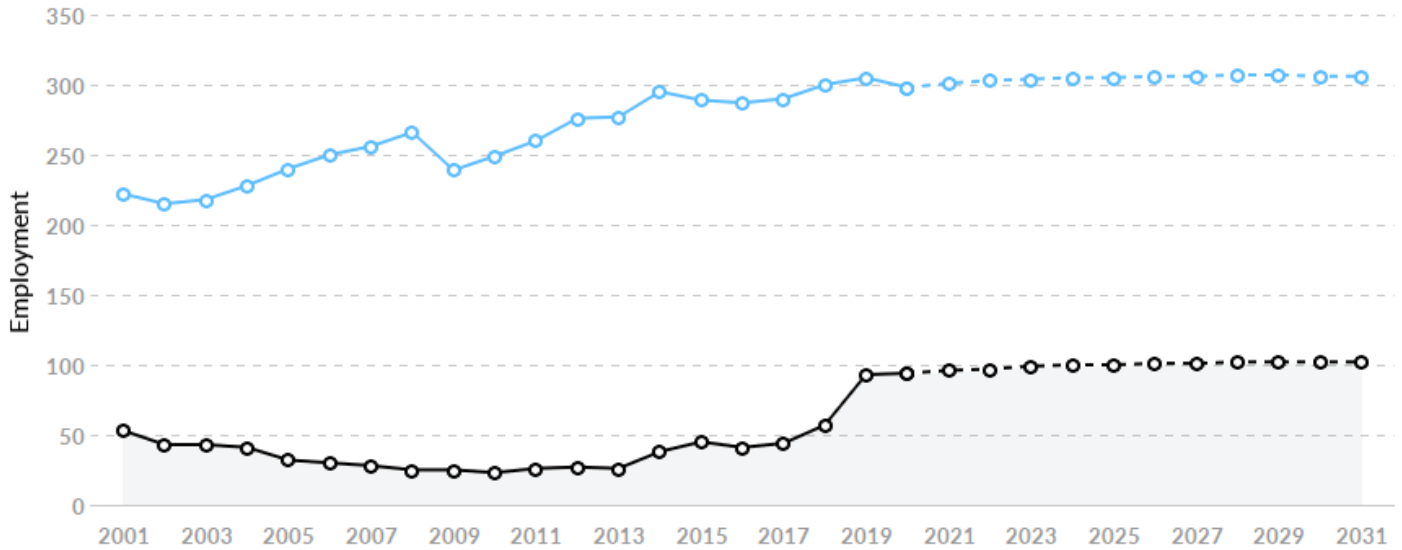
Reliable competition information is not available in your area because there are too few postings.

*National average values are derived by taking the national value for Computer Numerically Controlled Tool Operators 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.

Jobs

Regional Employment Is Lower Than the National Average

An average area of this size typically has 298* jobs, while there are 94 here. This lower than average supply of jobs may make it more difficult for workers in this field to find employment in your area.



Region	2020 Jobs	2030 Jobs	Change	% Change
● 3 Texas Counties	94	102	8	9.0%
● National Average	298	306	9	2.9%

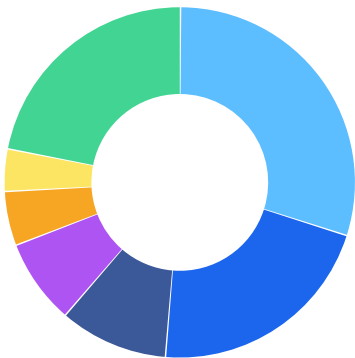
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Regional Breakdown



County	2020 Jobs
Hidalgo County, TX	94
Starr County, TX	0
Willacy County, TX	0

Most Jobs are Found in the Aerospace Product and Parts Manufacturing Industry Sector

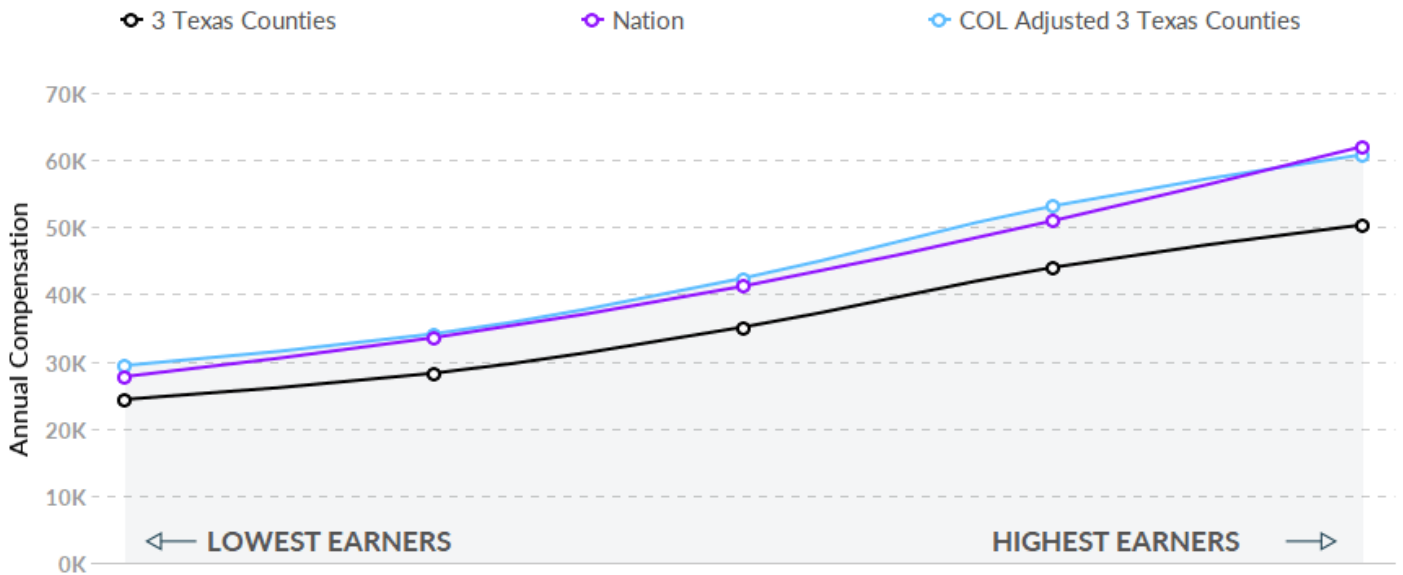


Industry	% of Occupation in Industry (2020)
● Aerospace Product and Parts Manufacturing	29.8%
● Metalworking Machinery Manufacturing	21.4%
● Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing	10.0%
● Architectural and Structural Metals Manufacturing	7.8%
● Employment Services	5.0%
● Plastics Product Manufacturing	3.9%
● Other	22.0%

Compensation

Regional Compensation Is 15% Lower Than National Compensation

For Computer Numerically Controlled Tool Operators, the 2019 median wage in your area is \$35,106, while the national median wage is \$41,203.



Job Posting Activity



2 Unique Job Postings

The number of unique postings for this job from Jan 2020 to Mar 2021.



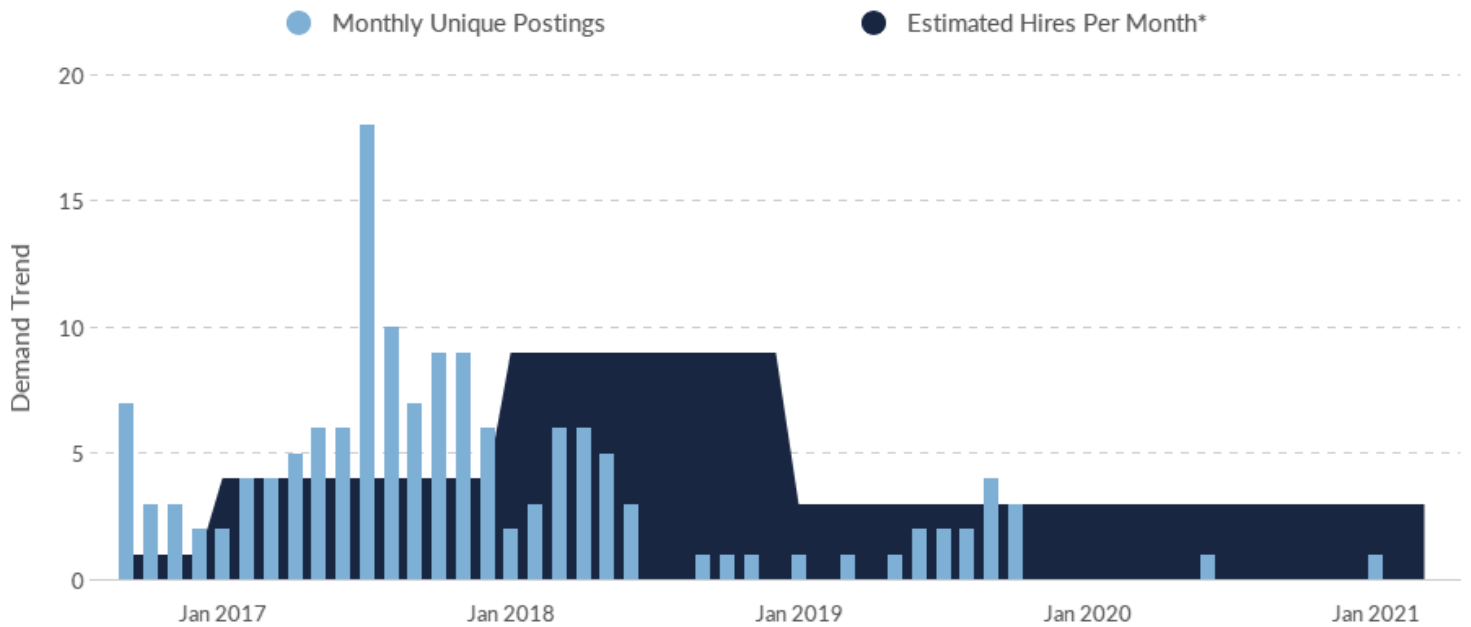
2 Employers Competing

All employers in the region who posted for this job from Jan 2020 to Mar 2021.



3 Day Median Duration

Posting duration is 30 days shorter than what's typical in the region.

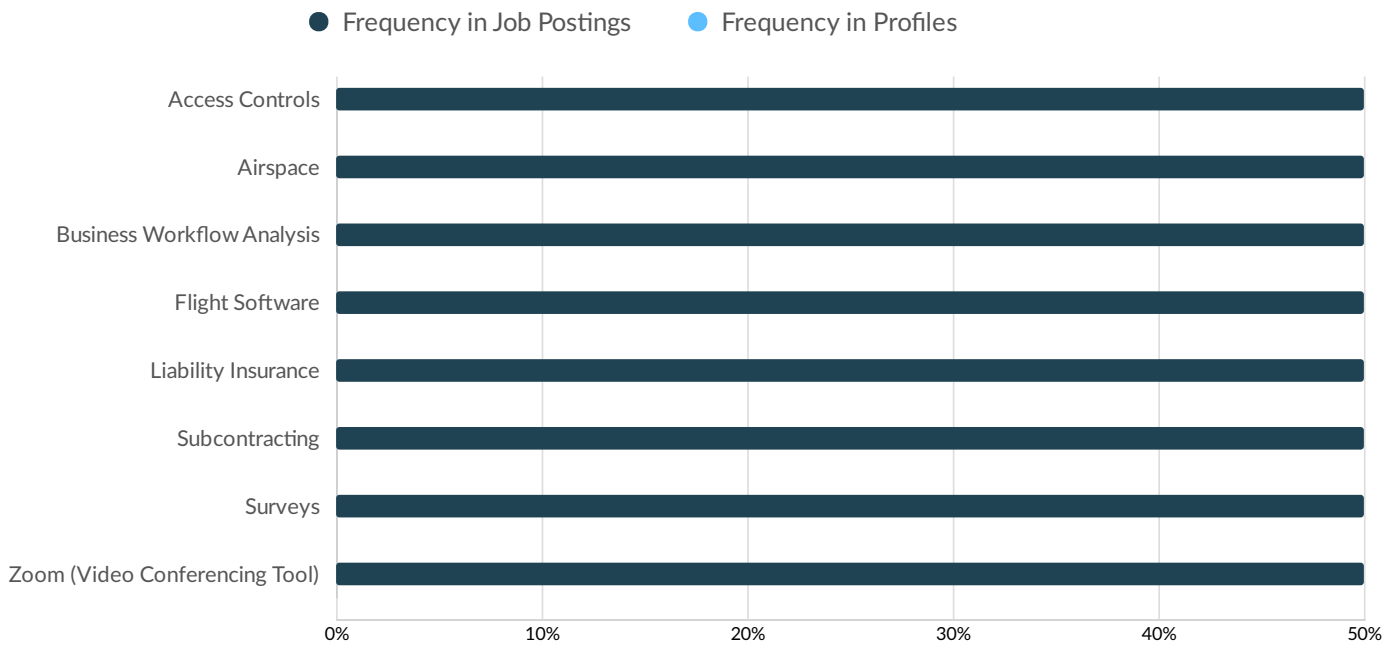


Occupation	Avg Monthly Postings (Jan 2020 - Mar 2021)	Avg Monthly Hires (Jan 2020 - Mar 2021)
Computer Numerically Controlled Tool Operators	0	3

*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.

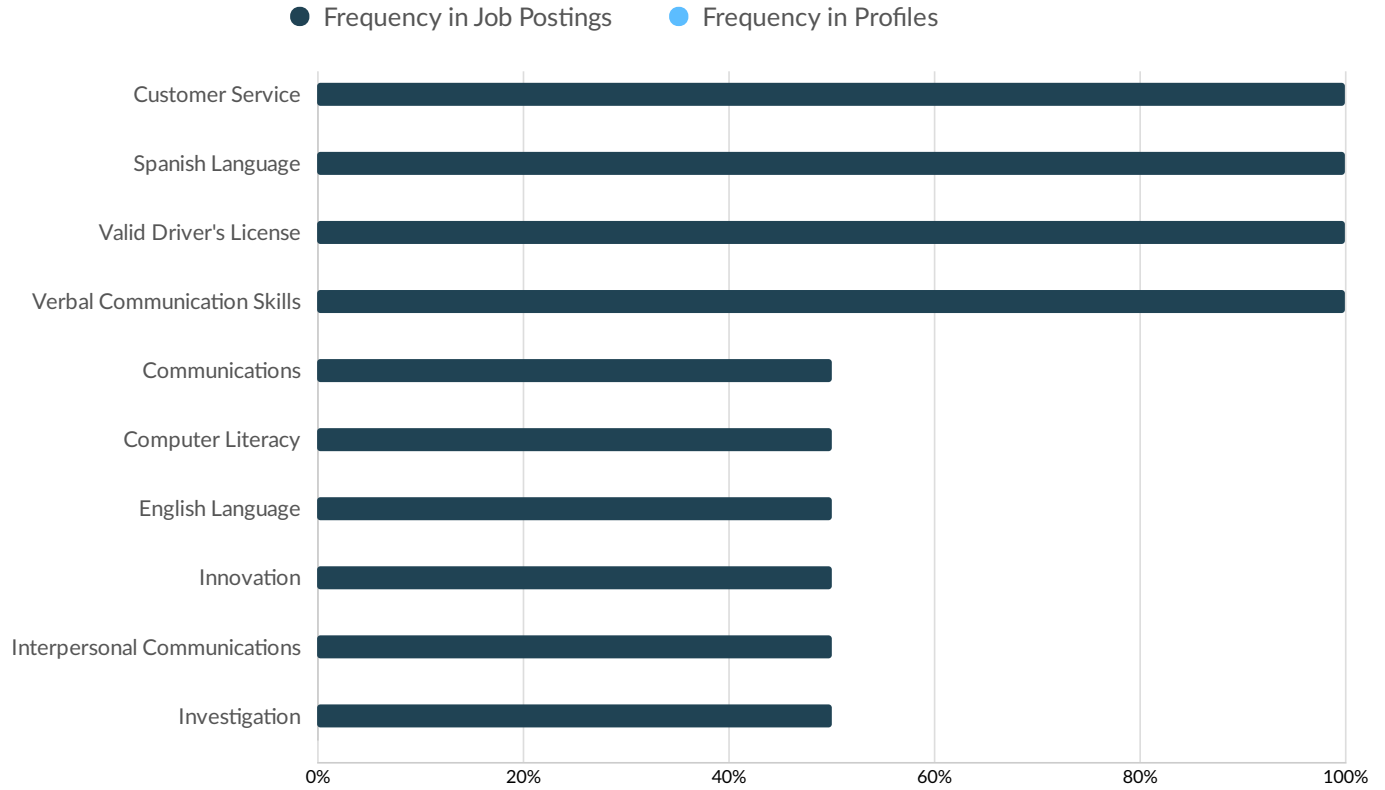
Top Companies	Unique Postings	Top Job Titles	Unique Postings
Allied Universal	1	Control Operators	1
Exactus Inc	1	Surveyors	1

Top Hard Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Access Controls	1	50%	0	0%
Airspace	1	50%	0	0%
Business Workflow Analysis	1	50%	0	0%
Flight Software	1	50%	0	0%
Liability Insurance	1	50%	0	0%
Subcontracting	1	50%	0	0%
Surveys	1	50%	0	0%
Zoom (Video Conferencing Tool)	1	50%	0	0%

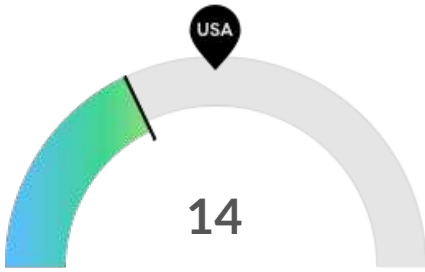
Top Common Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Customer Service	2	100%	0	0%
Spanish Language	2	100%	0	0%
Valid Driver's License	2	100%	0	0%
Verbal Communication Skills	2	100%	0	0%
Communications	1	50%	0	0%
Computer Literacy	1	50%	0	0%
English Language	1	50%	0	0%
Innovation	1	50%	0	0%
Interpersonal Communications	1	50%	0	0%
Investigation	1	50%	0	0%

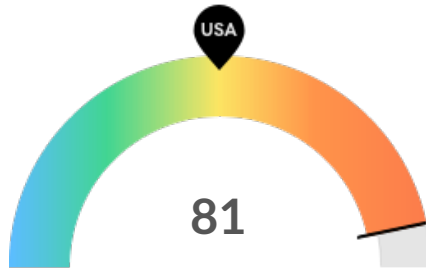
Demographics

Retirement Risk Is Low, While Reliable Diversity Information Is Not Available



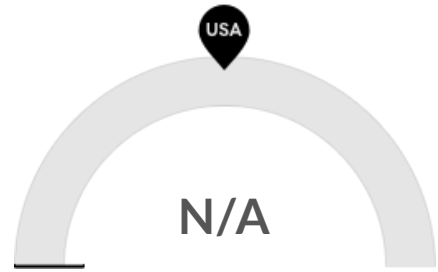
Retiring Soon

Retirement risk is low in your area. The national average for an area this size is 22* employees 55 or older, while there are 14 here.



Racial Diversity

Racial diversity is high in your area. The national average for an area this size is 21* racially diverse employees, while there are 81 here.

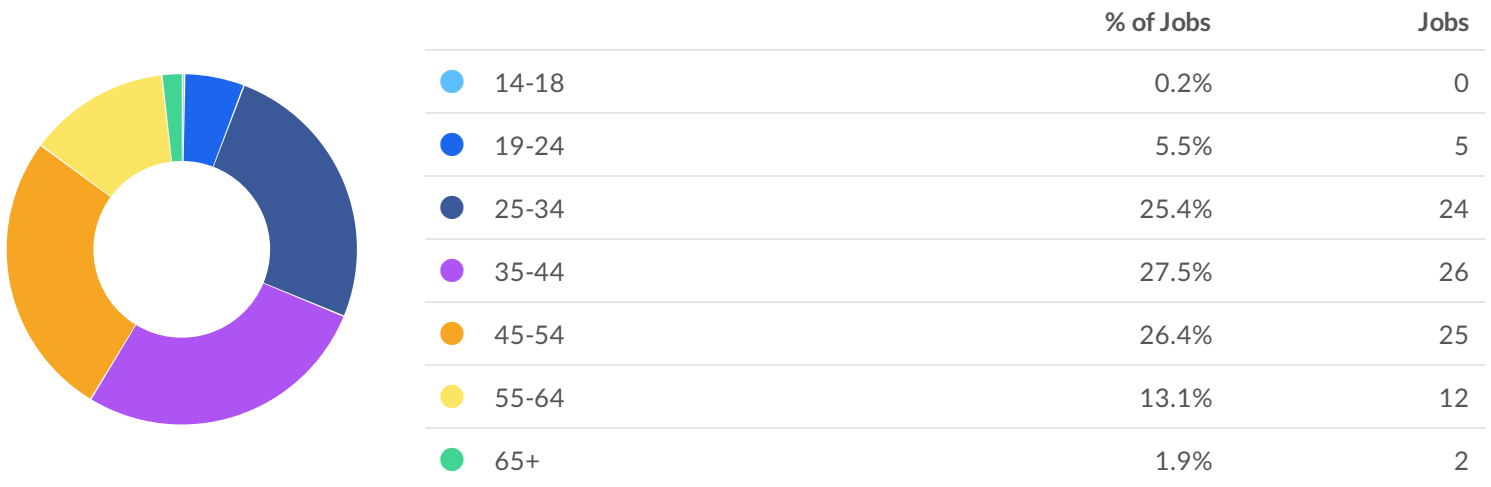


Gender Diversity

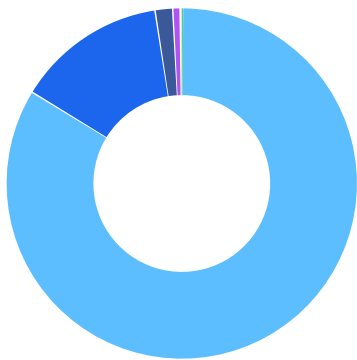
Reliable gender diversity information is not available in your area, because there are too few employees.

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Occupation Age Breakdown

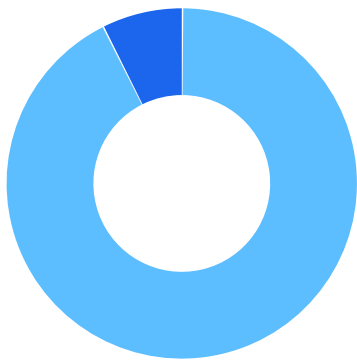


Occupation Race/Ethnicity Breakdown



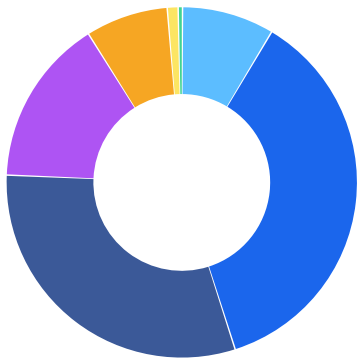
	% of Jobs	Jobs
● Hispanic or Latino	83.7%	78
● White	13.8%	13
● Asian	1.6%	2
● Black or African American	0.7%	1
● Two or More Races	0.1%	0
● American Indian or Alaska Native	0.1%	0
● Native Hawaiian or Other Pacific Islander	0.0%	0








Occupation Gender Breakdown



	% of Jobs	Jobs
● Males	92.5%	87
● Females	7.5%	7

National Educational Attainment



	% of Jobs
 Less than high school diploma	8.5%
 High school diploma or equivalent	36.5%
 Some college, no degree	30.6%
 Associate's degree	15.4%
 Bachelor's degree	7.6%
 Master's degree	1.0%
 Doctoral or professional degree	0.4%

Occupational Programs



0 Programs

Of the programs that can train for this job, 0 have produced completions in the last 5 years.



0 Completions (2019)

The completions from all regional institutions for all degree types.



8 Openings (2019)

The average number of openings for an occupation in the region is 51.

Not enough data to show the Top Programs section.

Not enough data to show the Top Schools section.

Appendix A - 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 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

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

Emsi 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.