Computer Numerically Controlled Tool Operators and Programmers
in 2 California Counties

Contents

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, resumés, 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

1 Occupation

51-9160	Computer Numerically Controlled Tool Operators and Programmers

2 Counties

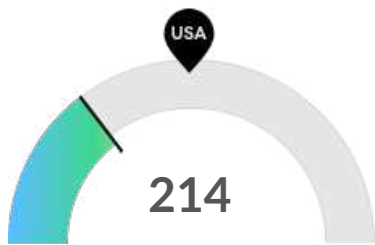| 6079	San Luis Obispo County, CA	6083	Santa Barbara County, CA

Class of Worker

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

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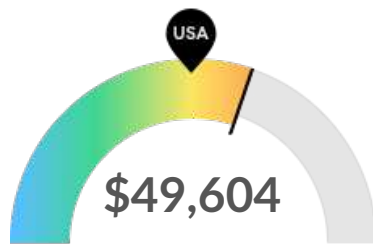
Executive Summary

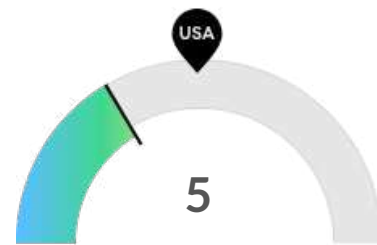## Light Job Posting Demand Over a Thin Supply of Regional Jobs

214
Jobs (2023)

Your area is not a hotspot for this kind of job. The national average for an area this size is 429* employees, while there are 214 here.

$49,604
Compensation

Earnings are high in your area. The national median salary for Computer Numerically Controlled Tool Operators and Programmers is $47,390, compared to $49,604 here.
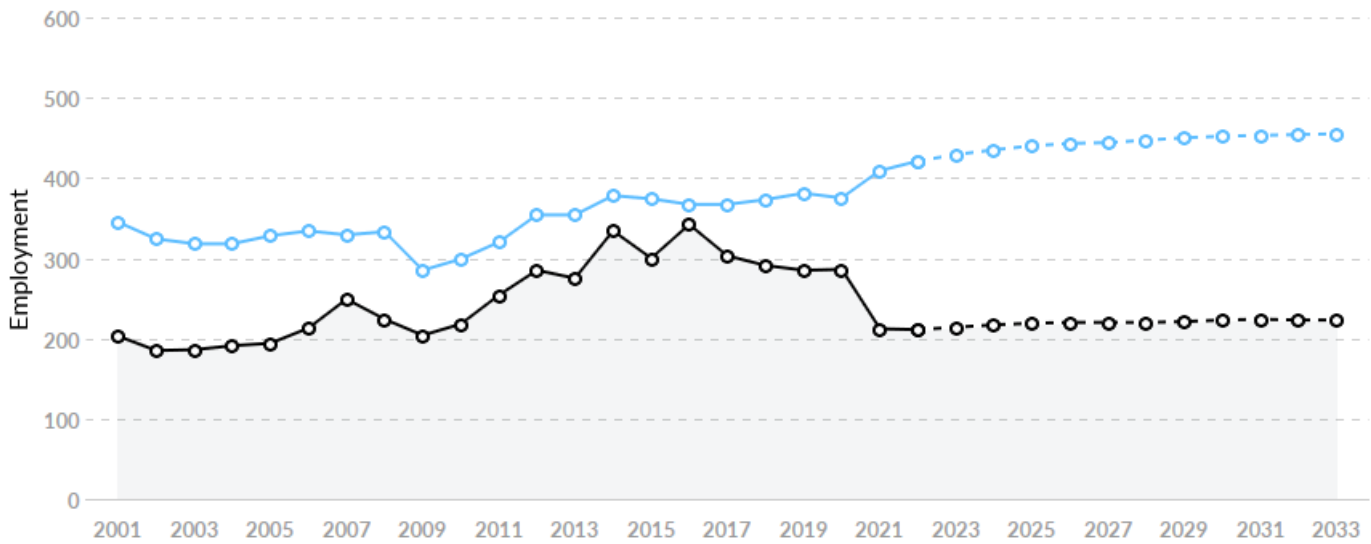
5
Job Posting Demand

Job posting activity is low in your area. The national average for an area this size is 8* job postings/mo, while there are 5 here.

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

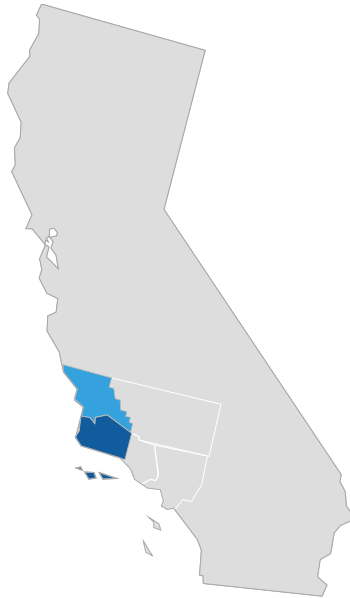## Regional Employment Is Lower Than the National Average

An average area of this size typically has 429* jobs, while there are 214 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	2023 Jobs	2033 Jobs	Change	% Change
●	2 California Counties	214	223	9	4.2%
●	National Average	429	455	26	6.0%

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

Regional Breakdown

County	2023 Jobs
Santa Barbara County, CA	145
San Luis Obispo County, CA	69

Most Jobs are Found in the Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing Industry Sector
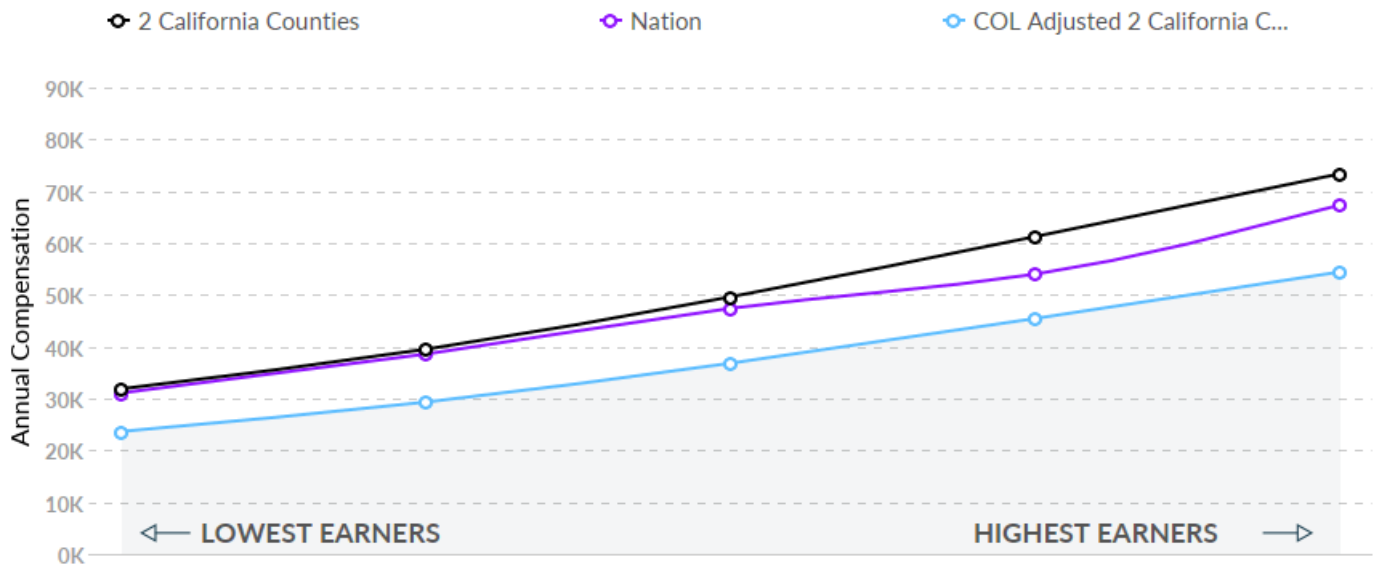

	Industry	% of Occupation in Industry (2023)
🔵	Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing	27.7%
🔵	Aerospace Product and Parts Manufacturing	13.1%
🔵	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	6.8%
🟣	Support Activities for Crop Production	6.2%
🟠	Industrial Machinery Manufacturing	6.0%
🟡	Medical Equipment and Supplies Manufacturing	4.6%
🟢	Other	35.6%

Compensation

Regional Compensation Is 5% Higher Than National Compensation

For Computer Numerically Controlled Tool Operators and Programmers, the 2021 median wage in your area is $49,604, while the national median wage is $47,390.

Job Posting Activity

27 Unique Job Postings

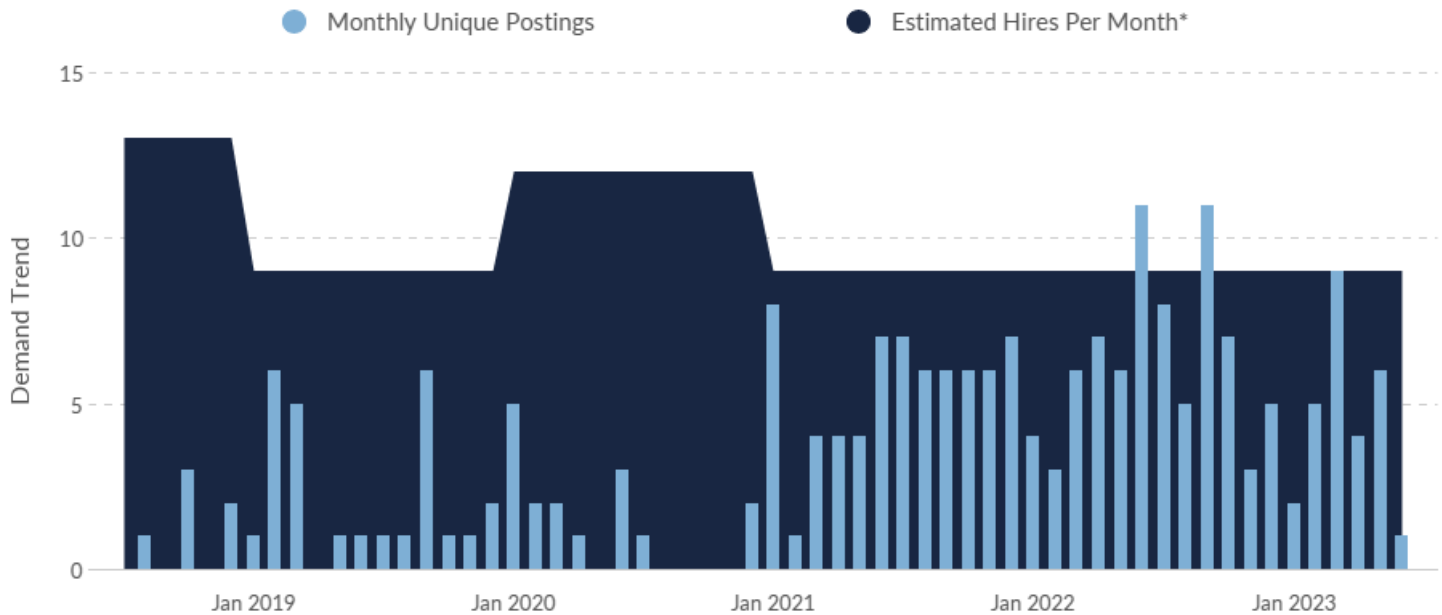The number of unique postings for this job from Jan 2023 to Jun 2023.

14 Employers Competing

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

24 Day Median Duration

Posting duration is 9 days shorter than what's typical in the region.

● Monthly Unique Postings   ● Estimated Hires Per Month*

Occupation	Avg Monthly Postings (Jan 2023 - Jun 2023)	Avg Monthly Hires (Jan 2023 - Jun 2023)
Computer Numerically Controlled Tool Operators and Programmers	5	9

*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.

Top Companies	Unique Postings		Top Job Titles	Unique Postings	
Volt	7	▬▬▬	CNC Machine Operators	11	▬▬▬▬▬
Entegris	2	▬	CNC Programmers	4	▬▬
KARL STORZ	2	▬	CNC Lathe Operators	2	▬
M3 Precision	2	▬	CNC Operators	2	▬
Range Generation Next	2	▬	Contract Monitors	2	▬
Blair Engineering	1	▪	Machine Operators	2	▬
Burnet Machining	1	▪	CNC Operators/Machinists	1	▪
Disability Solutions	1	▪	Lathe Operators	1	▪
Karl Storz Endovision	1	▪	Tube Benders	1	▪
Luttrell Staffing Group	1	▪			

Top Distinguishing Skills by Demand

Not enough data to display Distinguishing Skills for this occupation.
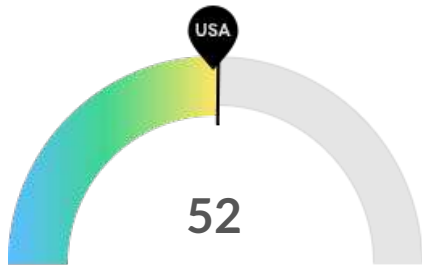
Top Defining Skills by Demand

Not enough data to display Defining Skills for this occupation.

Top Necessary Skills by Demand

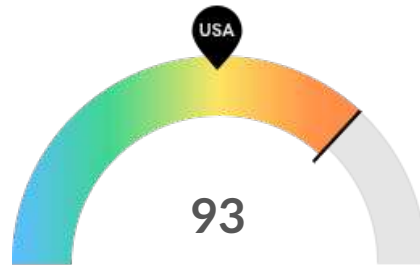Not enough data to display Necessary Skills for this occupation.

Demographics

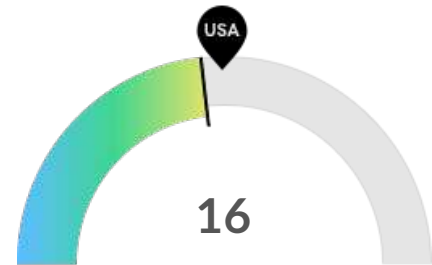## Retirement Risk Is About Average, While Overall Diversity Is High

Retiring Soon

52

Retirement risk is about average in your area. The national average for an area this size is 51* employees 55 or older, while there are 52 here.

Racial Diversity

93

Racial diversity is high in your area. The national average for an area this size is 48* racially diverse employees, while there are 93 here.

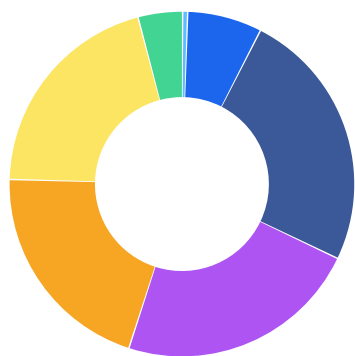### Gender Diversity

16

Gender diversity is low in your area. The national average for an area this size is 18* female employees, while there are 16 here.
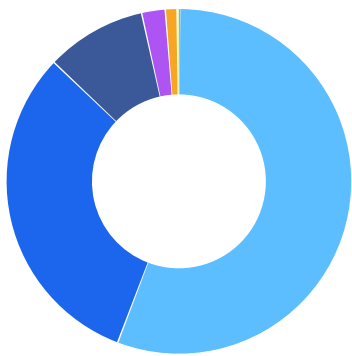
*National average values are derived by taking the national value for Computer Numerically Controlled Tool Operators and Programmers and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

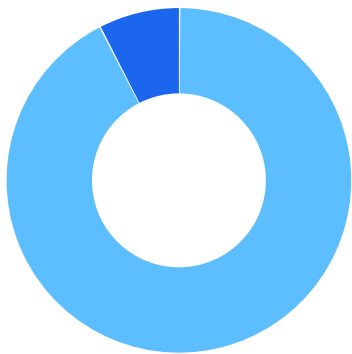## Occupation Age Breakdown

		% of Jobs	Jobs
●	14-18	0.5%	1
●	19-24	7.0%	15
●	25-34	24.6%	52
●	35-44	22.9%	48
●	45-54	20.4%	43
●	55-64	20.5%	43
●	65+	4.2%	9

Occupation Race/Ethnicity Breakdown

	% of Jobs	Jobs
White	55.7%	118
Hispanic or Latino	31.3%	66
Asian	9.4%	20
Two or More Races	2.2%	5
Black or African American	1.1%	2
American Indian or Alaska Native	0.2%	0
Native Hawaiian or Other Pacific Islander	0.0%	0

Occupation Gender Breakdown

	% of Jobs	Jobs
Males	92.4%	195
Females	7.6%	16

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Occupational Programs

2 Programs

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

11 Completions (2021)

The completions from all regional institutions for all degree types.

25 Openings (2021)

The average number of openings for an occupation in the region is 74.

CIP Code	Top Programs	Completions (2021)	
15.1301	Drafting and Design Technology/Technician, General	8	
48.0501	Machine Tool Technology/Machinist	3	

Top Schools	Completions (2021)	
Allan Hancock College	8	
Santa Barbara City College	3	

Appendix A

Computer Numerically Controlled Tool Operators and Programmers in 2 California Counties

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

Emsi'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.