Lightcast

2 Installation, Maintenance, and Repair Occupations
in San Diego-Chula Vista-Carlsbad, CA

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

2 Occupations

49-3023   Automotive Service Technicians and Mechanics

49-3093   Tire Repairers and Changers
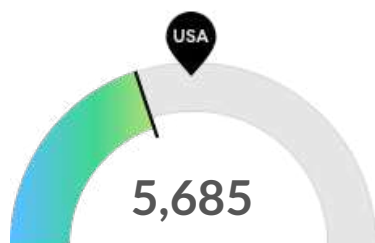
1 MSA

41740   San Diego-Chula Vista-Carlsbad, CA

Class of Worker

QCEW Employees

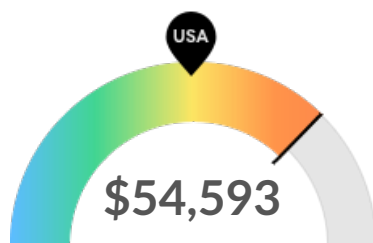The information in this report pertains to the chosen occupations and geographical area.

Executive Summary

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

5,685

Jobs (2023)

San Diego-Chula Vista-Carlsbad, CA is not a hotspot for this kind of job. The national average for an area this size is 7,777* employees, while there are 5,685 here.

$54,593

Compensation

Earnings are high in San Diego-Chula Vista-Carlsbad, CA. The national median salary for your occupations is $45,172, compared to $54,593 here.

182
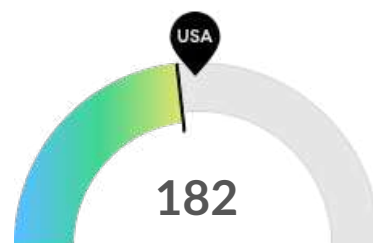
Job Posting Demand

Job posting activity is low in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 202* job postings/mo, while there are 182 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 San Diego-Chula Vista-Carlsbad, CA. 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 7,777* jobs, while there are 5,685 here. This lower than average supply of jobs may make it more difficult for workers in this field to find employment in your area.
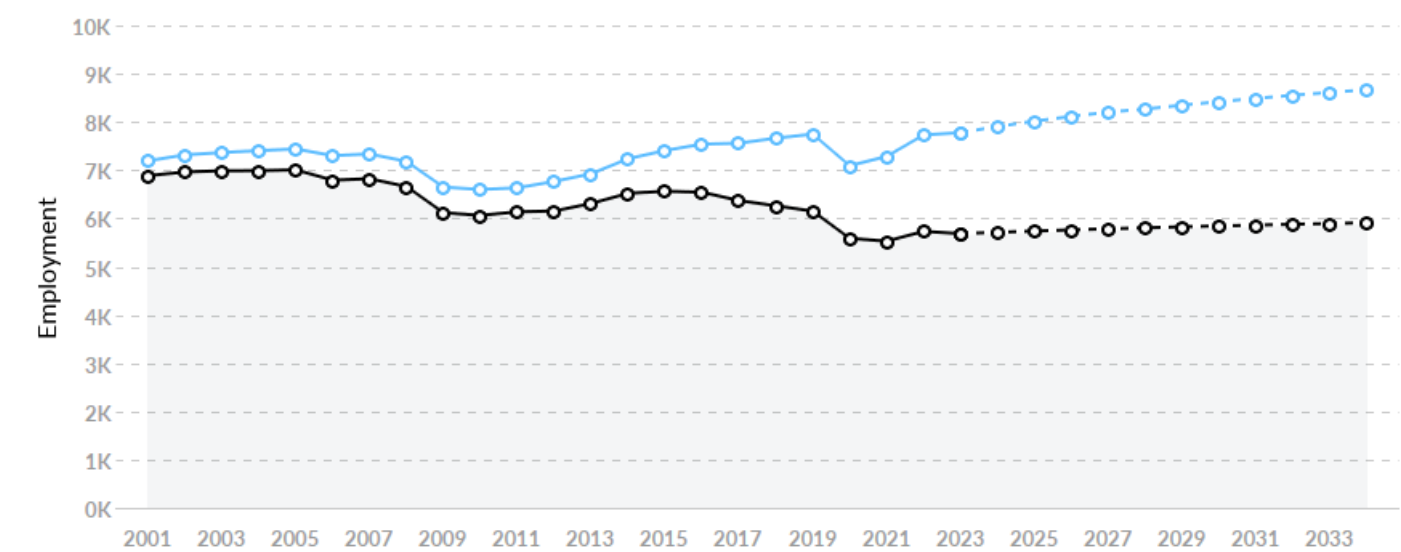
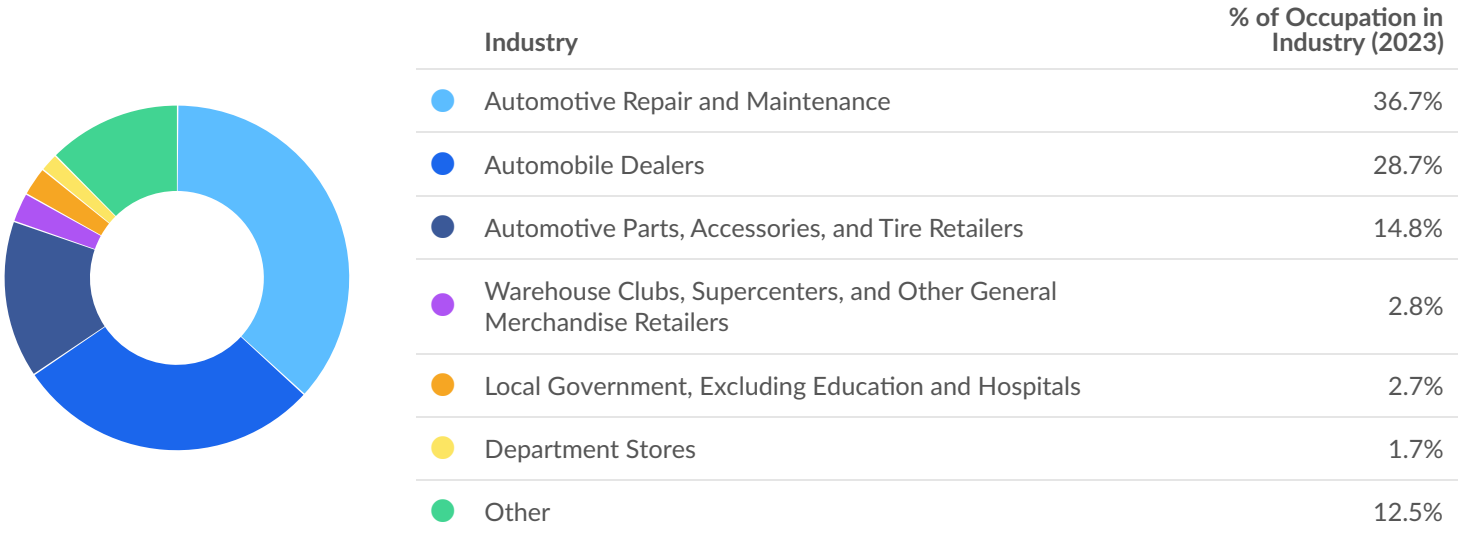|	Region	2023 Jobs	2024 Jobs	Change	% Change
●	San Diego-Chula Vista-Carlsbad, CA	5,685	5,712	27	0.5%
●	National Average	7,777	7,905	128	1.6%

*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 San Diego-Chula Vista-Carlsbad, CA. In other words, the values represent the national average adjusted for region size.

Regional Breakdown
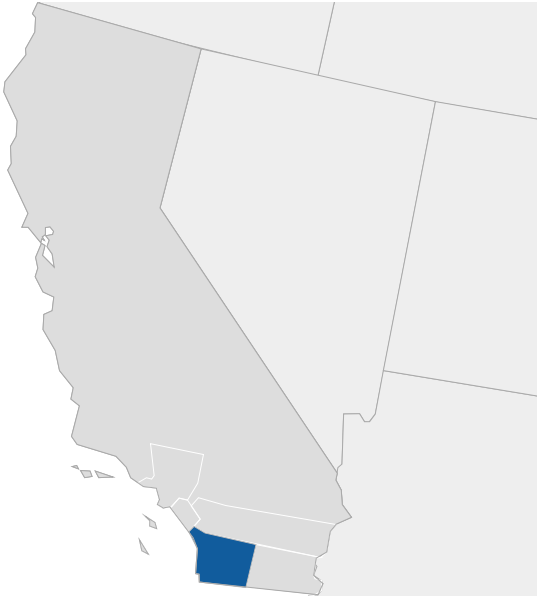
County	2023 Jobs
San Diego County, CA	5,685

Most Jobs are Found in the Automotive Repair and Maintenance Industry Sector

Industry	% of Occupation in Industry (2023)
● Automotive Repair and Maintenance	36.7%
● Automobile Dealers	28.7%
● Automotive Parts, Accessories, and Tire Retailers	14.8%
● Warehouse Clubs, Supercenters, and Other General Merchandise Retailers	2.8%
● Local Government, Excluding Education and Hospitals	2.7%
● Department Stores	1.7%
● Other	12.5%

Compensation

Regional Compensation Is 21% Higher Than National Compensation

For your occupations, the 2023 median wage in San Diego-Chula Vista-Carlsbad, CA is $54,593, while the national median wage is $45,172.
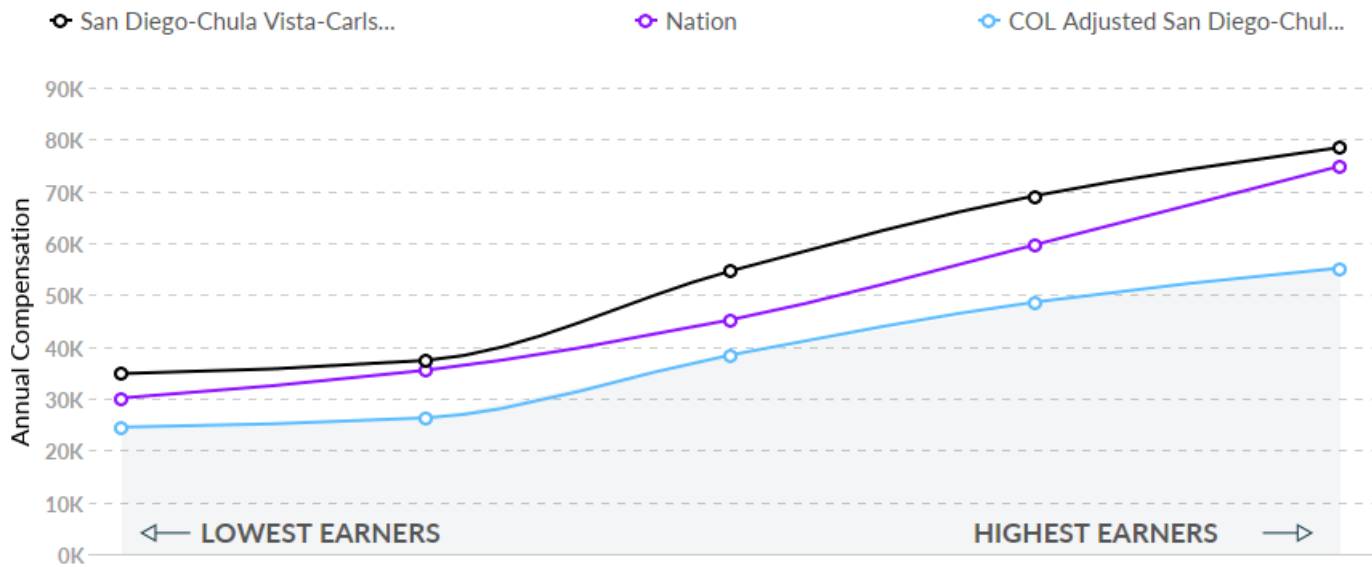
Job Posting Activity

3,097 Unique Job Postings

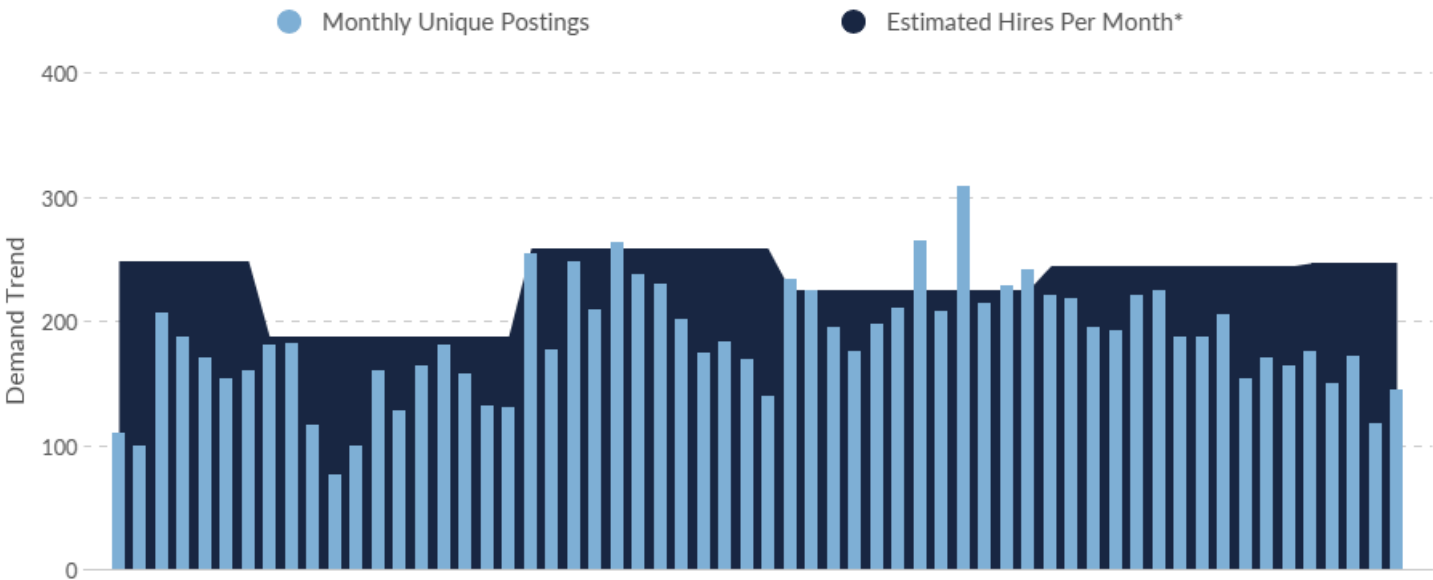The number of unique postings for this job from Jan 2023 to May 2024.

585 Employers Competing

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

29 Day Median Duration

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

● Monthly Unique Postings   ● Estimated Hires Per Month*

Occupation	Avg Monthly Postings (Jan 2023 - May 2024)	Avg Monthly Hires (Jan 2023 - May 2024)
Automotive Service Technicians and Mechanics	165	204
Tire Repairers and Changers	17	40

*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	
Discount Tire	143		Automotive Technicians	507	
Bridgestone Corporation	117		Tire Technicians	174	
Valvoline	114		Lube Technicians	125	
Sunroad Automotive	106		Automotive Mechanics	121	
Pep Boys	76		Tire and Lube Technicians	96	
Evans Tire	72		Mechanics	94	
Goodyear	69		Automotive Technicians/Mecha...	88	
Mv Transportation	69		Automotive Service Advisors	84	
Chevrolet	61		Smog Technicians	57	
Monro Auto Service and Tire Ce...	52		Service Technicians	56	

Top Distinguishing Skills by Demand

Not enough data to display Distinguishing Skills for this occupation.

Top Defining Skills by Demand

An occupation's Defining Skills represent the day-to-day tasks and responsibilities of the job. An employee needs these skills to qualify for and perform successfully in this occupation.
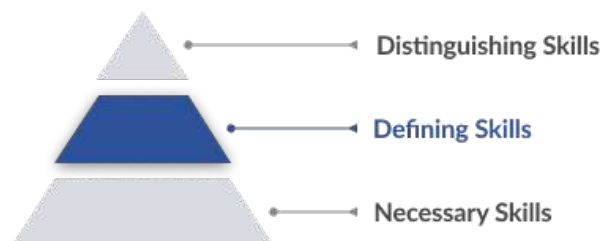
Distinguishing Skills
Defining Skills
Necessary Skills

Skill	Salary Boosting	Job Postings Requesting	Projected Growth	Growth Relative to Market
Valid Driver's License	❌	1,426	+7.5%	Stable
Automotive Services	✅	948	+7.2%	Stable
Automotive Service Excellence (ASE) Certification	❌	641	+9.0%	Growing
Changing Oil	❌	601	+8.2%	Stable
Brakes	❌	493	+6.4%	Stable
Transmission	✅	463	+10.8%	Growing
Suspension (Vehicle)	❌	446	+6.9%	Stable
Tires	❌	444	-0.4%	Lagging
Mechanics	❌	336	+13.0%	Growing
Vehicle Inspection	❌	331	+10.5%	Growing

Top Necessary Skills by Demand

An occupation's Necessary Skills are the specialized skills required for that job and relevant across other similar jobs. An employee needs these skills as building blocks to perform the more complex Defining Skills.
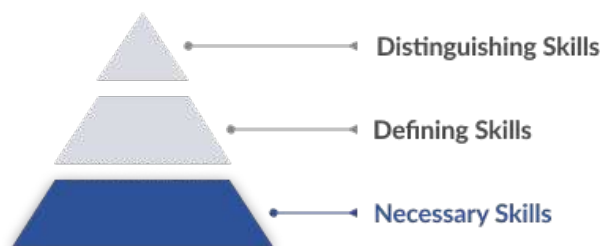
Distinguishing Skills

Defining Skills

Necessary Skills

Skill	Salary Boosting	Job Postings Requesting	Projected Growth	Growth Relative to Market
Automotive Services	✓	948	+7.2%	Stable
Changing Oil	✗	601	+8.2%	Stable
Transmission	✓	463	+10.8%	Growing
HVAC	✗	346	+7.5%	Stable
Electrical Systems	✗	275	+11.7%	Growing
Hand Tools	✗	234	+6.2%	Stable
Oil And Gas	✗	232	+16.6%	Growing
Batteries	✗	150	+16.8%	Growing

Demographics

Retirement Risk Is About Average, While Overall Diversity Is High
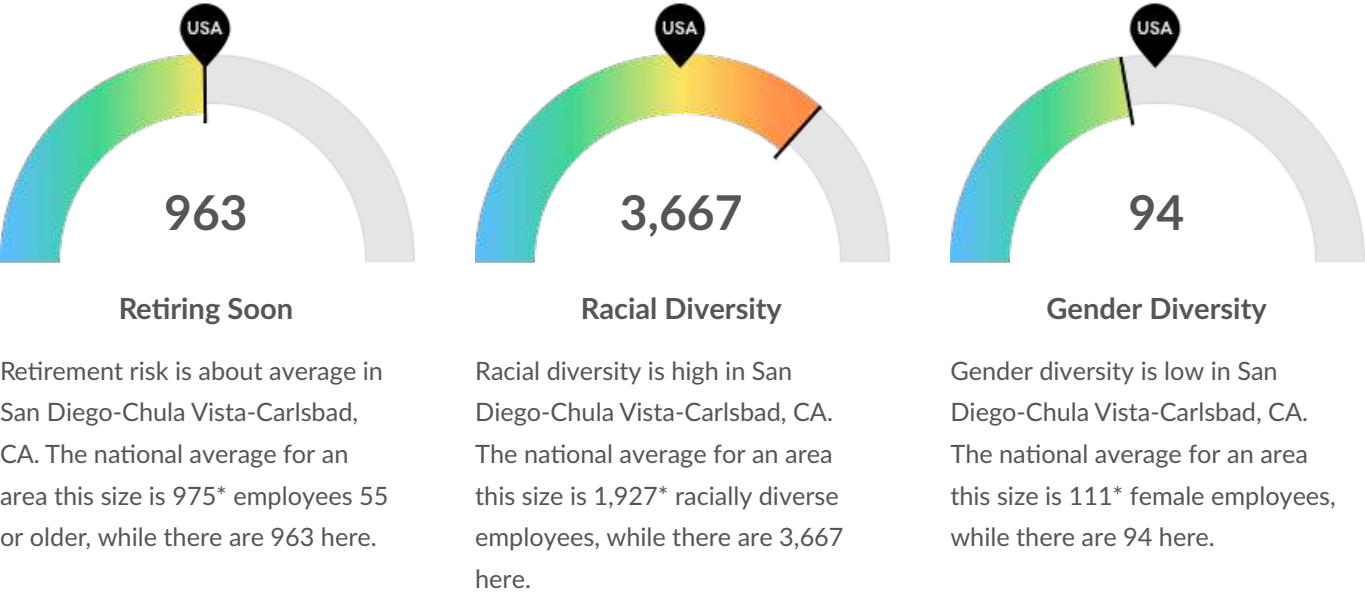
963

Retiring Soon

Retirement risk is about average in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 975* employees 55 or older, while there are 963 here.

3,667

Racial Diversity

Racial diversity is high in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 1,927* racially diverse employees, while there are 3,667 here.

94

Gender Diversity

Gender diversity is low in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 111* female employees, while there are 94 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 San Diego-Chula Vista-Carlsbad, CA. In other words, the values represent the national average adjusted for region size.

Occupation Age Breakdown

		% of Jobs	Jobs
●	14-18	1.7%	98
●	19-24	14.2%	805
●	25-34	26.1%	1,482
●	35-44	22.3%	1,269
●	45-54	18.8%	1,068
●	55-64	13.4%	765
●	65+	3.5%	199
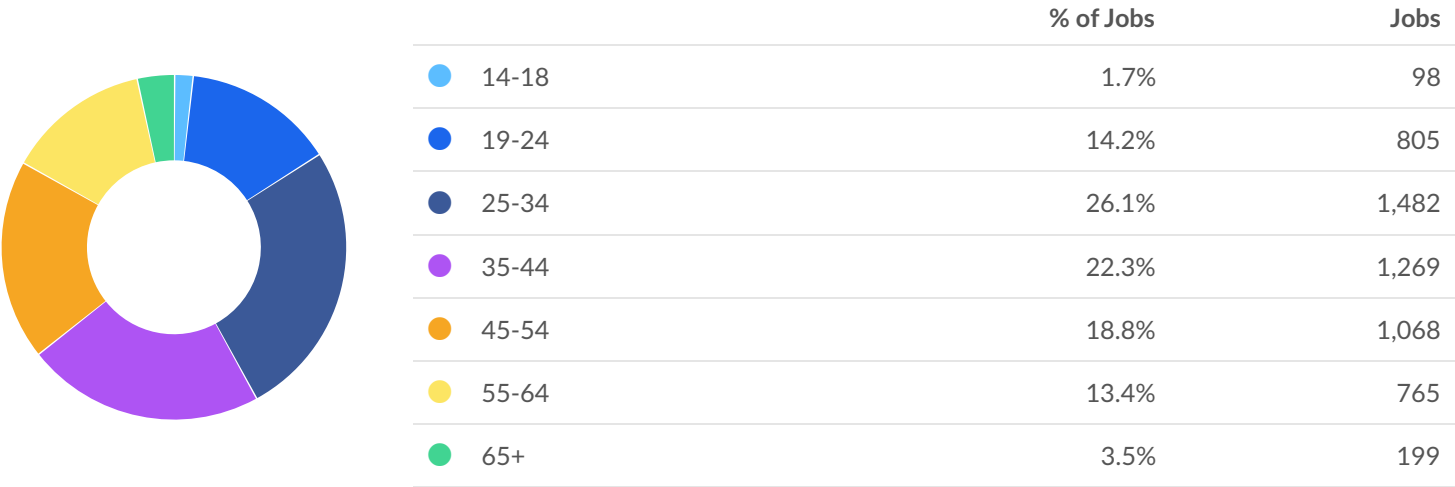
Occupation Race/Ethnicity Breakdown
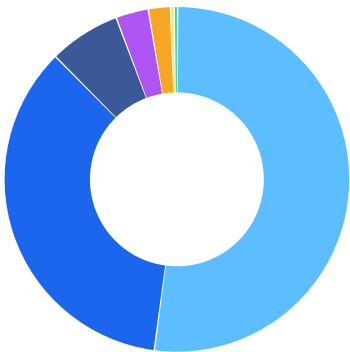
		% of Jobs	Jobs
●	Hispanic or Latino	52.0%	2,958
●	White	35.5%	2,018
●	Asian	6.7%	380
●	Black or African American	3.1%	174
●	Two or More Races	2.1%	117
●	American Indian or Alaska Native	0.3%	19
●	Native Hawaiian or Other Pacific Islander	0.3%	19

Occupation Gender Breakdown
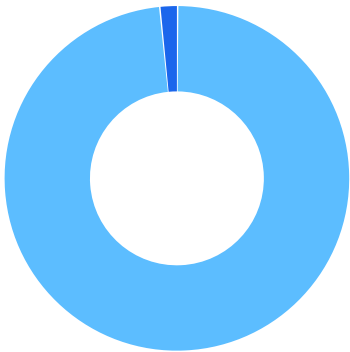
		% of Jobs	Jobs
●	Males	98.3%	5,591
●	Females	1.7%	94

Occupational Programs

4 Programs

Of the programs that can train for this job, 4 have produced completions in the last 5 years.

449 Completions (2023)

The completions from all regional institutions for all degree types.

530 Openings (2023)

The average number of openings for an occupation in the region is 256.

CIP Code	Top Programs	Completions (2023)	
47.0604	Automobile/Automotive Mechanics Technology/Technician	427	
47.0605	Diesel Mechanics Technology/Technician	18	
47.0614	Alternative Fuel Vehicle Technology/Technician	3	
47.0603	Autobody/Collision and Repair Technology/Technician	1	

Top Schools	Completions (2023)	
UEI College-Chula Vista	138	
UEI College-Oceanside	116	
San Diego Miramar College	79	
MiraCosta College	47	
Southwestern College	36	
Palomar College	25	
Cuyamaca College	8	

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 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.