



Automotive Service Technicians and Mechanics in San Diego-Chula Vista-Carlsbad, CA

Automotive Service Technicians and Mechanics (SOC 49-3023):

Diagnose, adjust, repair, or overhaul automotive vehicles. Excludes 'Automotive Body and Related Repairers' (49-3021), 'Bus and Truck Mechanics and Diesel Engine Specialists' (49-3031), and 'Electronic Equipment Installers and Repairers, Motor Vehicles' (49-2096).

Sample of Reported Job Titles:

Transmission Rebuilder
Automotive Mechanic (Auto Mechanic)
Mechanic
Auto Technician (Automotive Technician)
Master Technician
Automobile Mechanic (Auto Mechanic)
Lube Technician
Service Technician
Automotive Technician (Auto Technician)

Related O*NET Occupations:

Automotive Master Mechanics (49-3023.01)
Automotive Specialty Technicians (49-3023.02)

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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*.



Report Parameters

1 Occupation

49-3023 Automotive Service Technicians and Mechanics

1 MSA

41740 San Diego-Chula Vista-Carlsbad, CA

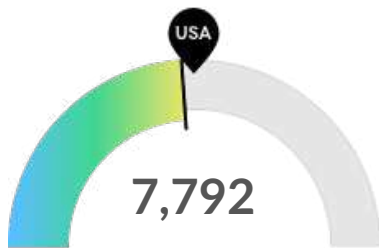
Class of Worker

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

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

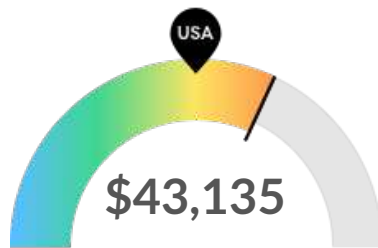
Executive Summary

Light Job Posting Demand Over an Average Supply of Regional Jobs



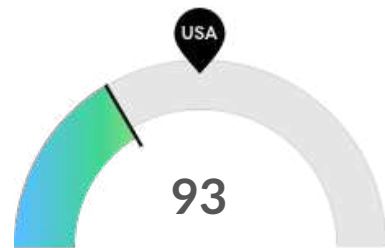
Jobs (2018)

San Diego-Chula Vista-Carlsbad, CA is about average for this kind of job. The national average for an area this size is 8,308* employees, while there are 7,792 here.



Compensation

Earnings are high in San Diego-Chula Vista-Carlsbad, CA. The national median salary for Automotive Service Technicians and Mechanics is \$38,818, compared to \$43,135 here.



Job Posting Demand

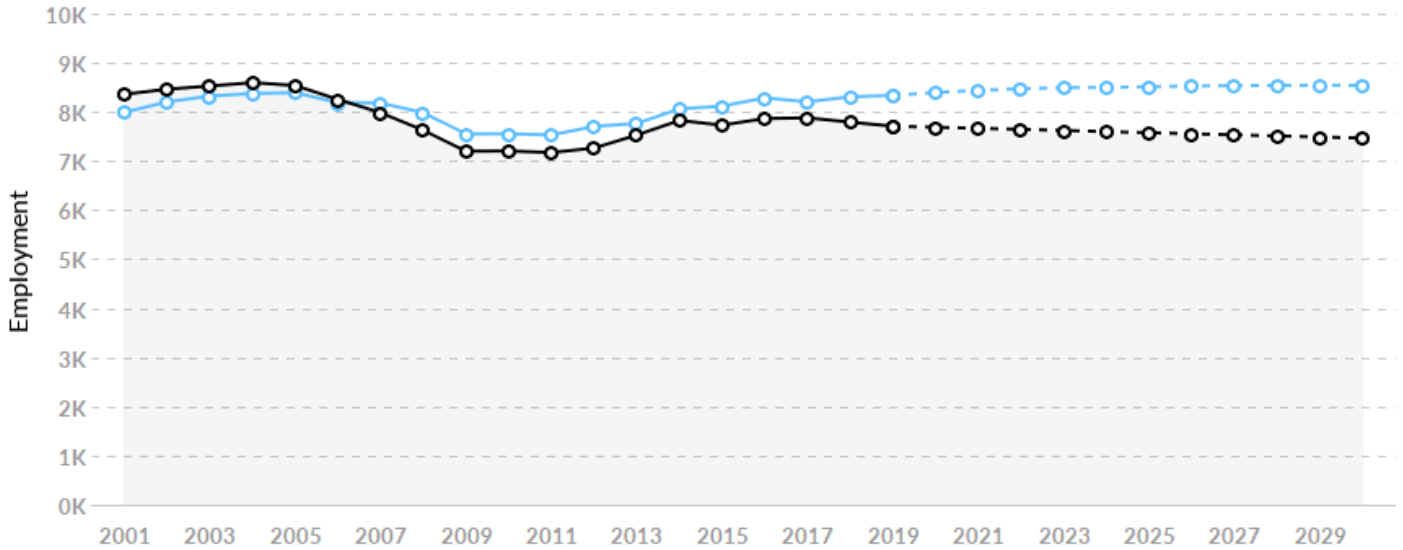
Job posting activity is low in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 161* job postings/mo, while there are 93 here.

*National average values are derived by taking the national value for Automotive Service Technicians and Mechanics 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 About Equal to the National Average

An average area of this size typically has 8,308* jobs, while there are 7,792 here.



Region	2018 Jobs	2028 Jobs	Change	% Change
● San Diego-Chula Vista-Carlsbad, CA	7,792	7,510	-282	-3.6%
● National Average	8,308	8,540	232	2.8%

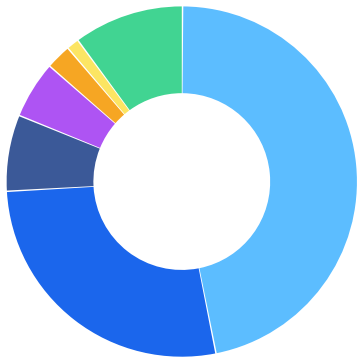
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Regional Breakdown



County	2018 Jobs
San Diego County, CA	7,792

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

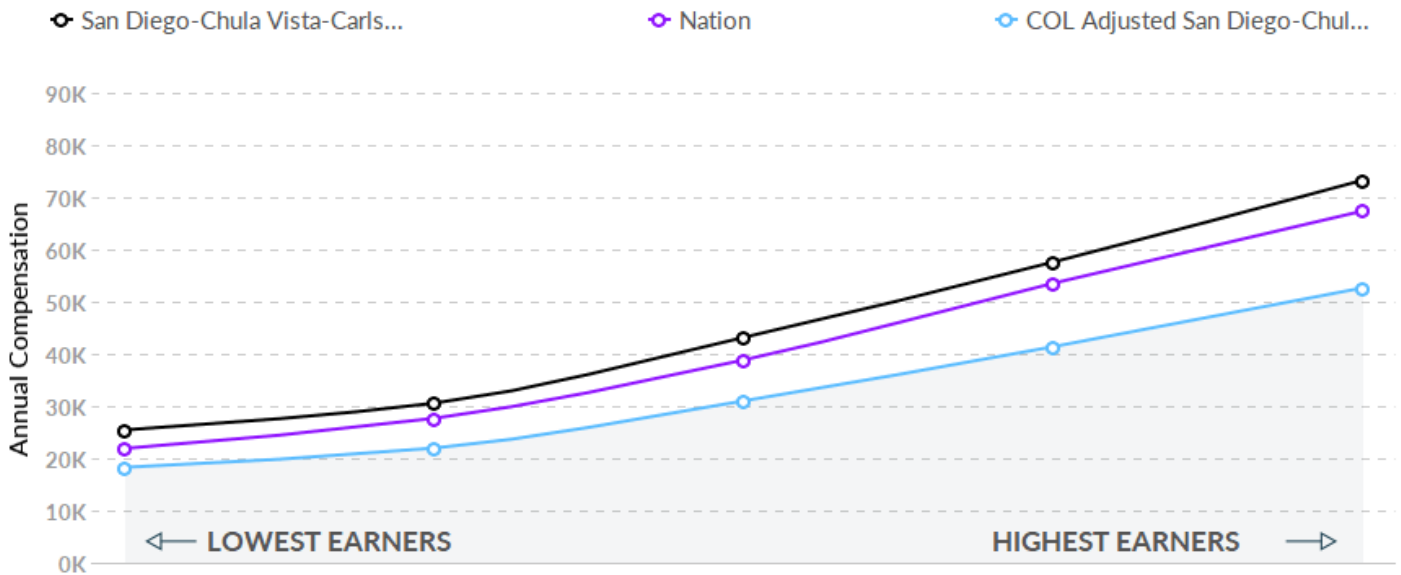


Industry	% of Occupation in Industry (2018)
Automotive Repair and Maintenance	46.8%
Automobile Dealers	27.2%
Automotive Parts, Accessories, and Tire Stores	7.0%
Federal Government, Military	5.3%
Local Government, Excluding Education and Hospitals	2.3%
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers	1.2%
Other	10.2%

Compensation

Regional Compensation Is 11% Higher Than National Compensation

For Automotive Service Technicians and Mechanics, the 2018 median wage in San Diego-Chula Vista-Carlsbad, CA is \$43,135, while the national median wage is \$38,818.



Job Posting Activity



2,700 Unique Job Postings

The number of unique postings for this job from Jan 2018 to May 2020.



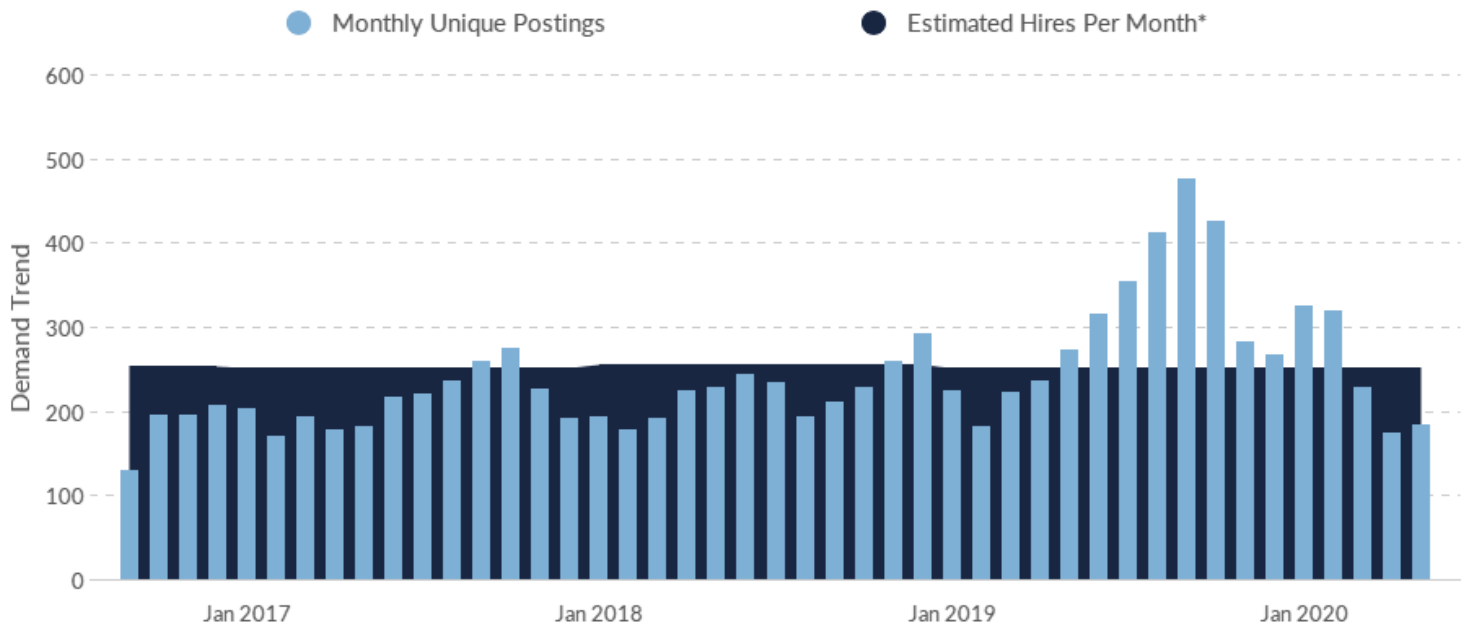
540 Employers Competing

All employers in the region who posted for this job from Jan 2018 to May 2020.













40 Day Median Duration











Posting duration is 7 days longer than what's typical in the region.



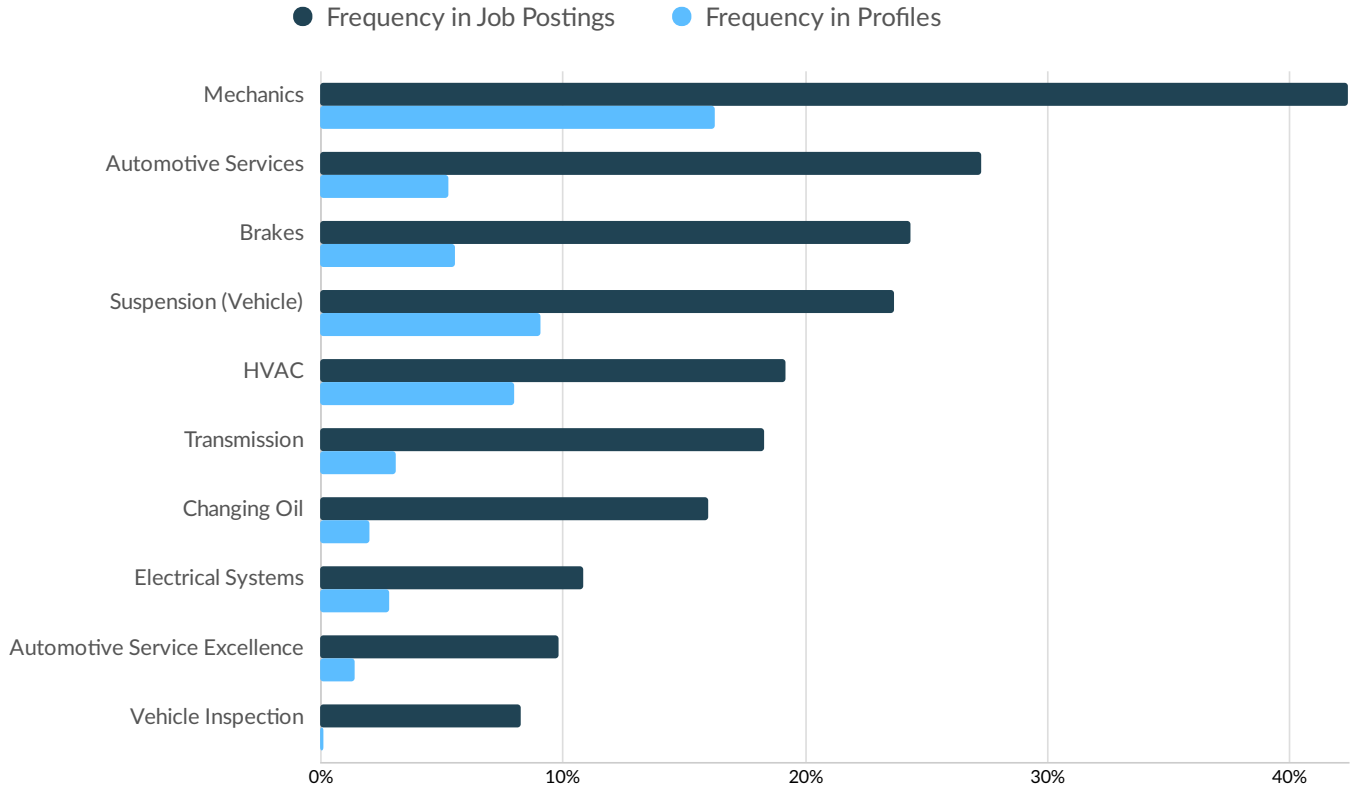
Occupation	Avg Monthly Postings (Jan 2018 - May 2020)	Avg Monthly Hires (Jan 2018 - May 2020)
Automotive Service Technicians and Mechanics	261	253

*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
BRIDGESTONE CORPORATION	261 
Pep Boys-Manny, Moe & Jack of...	193 
Valvoline, Inc.	89 
JAGUAR LAND ROVER LIMITED	66 
Penske Automotive Group, Inc.	64 
Group 1 Automotive, Inc.	56 
Autonation, Inc.	44 
Sears Holdings Corporation	41 
Carmax, Inc.	39 
Nissan Mossy Inc	34 

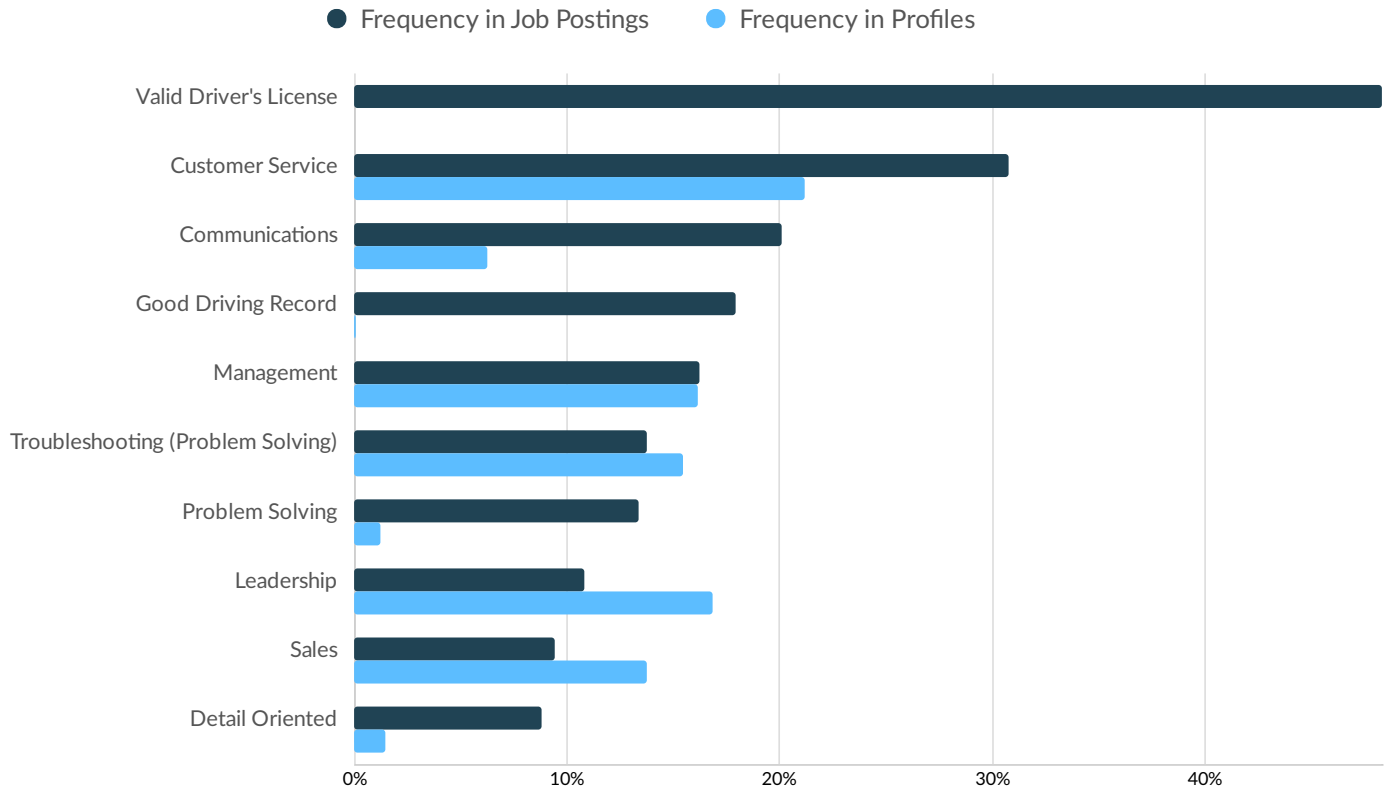
Top Job Titles	Unique Postings
Automotive Technicians	715 
Maintenance Mechanics	444 
Maintenance Technicians (Instal...	394 
General Service Technicians	211 
Lube Technicians	145 
Automotive Service Advisors	96 
Tire Technicians	78 
Appliance Repair Technicians	54 
Master Technicians	50 
Maintenance Managers (Installa...	46 

Top Hard Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Mechanics	1,543	42%	394	16%
Automotive Services	993	27%	128	5%
Brakes	886	24%	135	6%
Suspension (Vehicle)	861	24%	220	9%
HVAC	698	19%	194	8%
Transmission	666	18%	75	3%
Changing Oil	582	16%	50	2%
Electrical Systems	394	11%	69	3%
Automotive Service Excellence	358	10%	34	1%
Vehicle Inspection	300	8%	4	0%

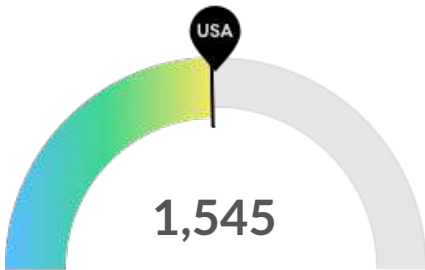
Top Common Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Valid Driver's License	1,759	48%	0	0%
Customer Service	1,120	31%	512	21%
Communications	732	20%	151	6%
Good Driving Record	653	18%	1	0%
Management	591	16%	391	16%
Troubleshooting (Problem Solving)	500	14%	374	15%
Problem Solving	488	13%	30	1%
Leadership	393	11%	408	17%
Sales	344	9%	334	14%
Detail Oriented	320	9%	36	1%

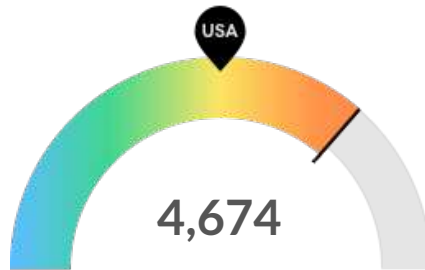
Demographics

Retirement Risk Is About Average, While Overall Diversity Is High



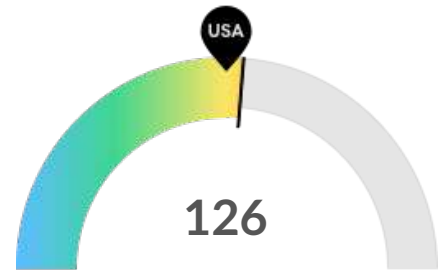
Retiring Soon

Retirement risk is about average in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 1,574* employees 55 or older, while there are 1,545 here.



Racial Diversity

Racial diversity is high in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 2,482* racially diverse employees, while there are 4,674 here.

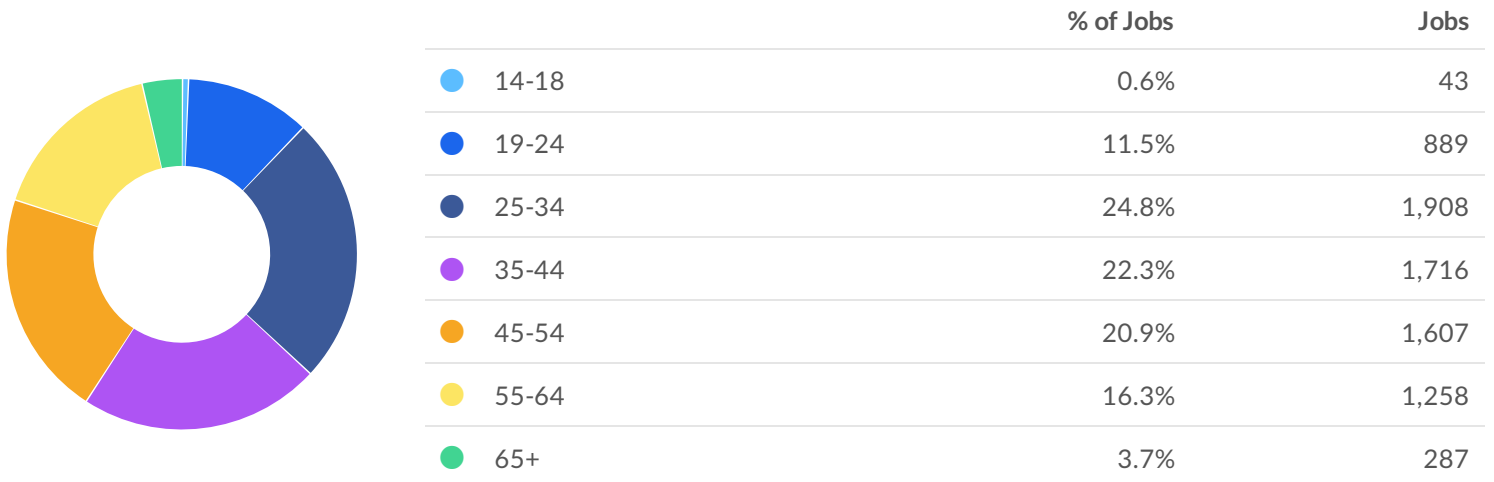


Gender Diversity

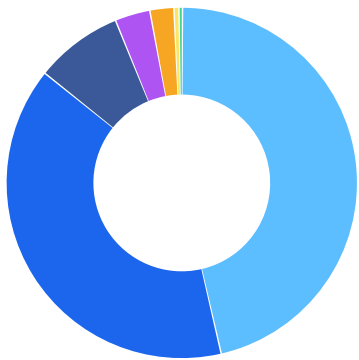
Gender diversity is about average in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 117* female employees, while there are 126 here.

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Occupation Age Breakdown

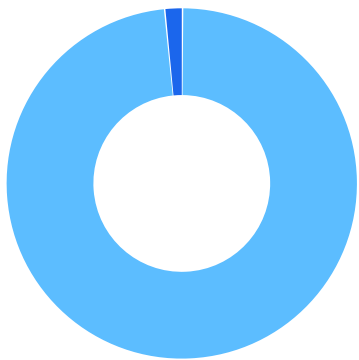


Occupation Race/Ethnicity Breakdown



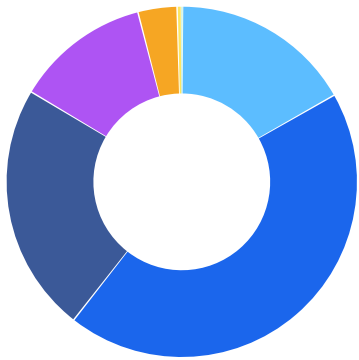
	% of Jobs	Jobs
Hispanic or Latino	46.3%	3,570
White	39.4%	3,034
Asian	8.1%	623
Black or African American	3.2%	250
Two or More Races	2.2%	170
American Indian or Alaska Native	0.5%	35
Native Hawaiian or Other Pacific Islander	0.3%	25








Occupation Gender Breakdown



	% of Jobs	Jobs
Males	98.4%	7,582
Females	1.6%	126

National Educational Attainment



	% of Jobs
 Less than high school diploma	16.7%
 High school diploma or equivalent	43.8%
 Some college, no degree	23.0%
 Associate's degree	12.4%
 Bachelor's degree	3.6%
 Master's degree	0.4%
 Doctoral or professional degree	0.1%

Occupational Programs



1 Program

Of the programs that can train for this job, 1 has produced completions in the last 5 years.



281 Completions (2018)

The completions from all regional institutions for all degree types.



756 Openings (2018)

The average number of openings for an occupation in the region is 288.

CIP Code	Top Programs	Completions (2018)
47.0604	Automobile/Automotive Mechanics Technology/Technician	281

Top Schools	Completions (2018)
San Diego Miramar College	152
MiraCosta College	66
Southwestern College	26
Palomar College	22
Cuyamaca College	15

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 cost of living data is based on the Cost of Living Index published quarterly 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.