Occupation Overview

Emsi Q3 2019 Data Set

October 2019

Contra Costa Community College District

Parameters

Occupations

Regions

Timeframe

2019 - 2024

Datarun

2019.3 – QCEW Employees, Non-QCEW Employees, and Self-Employed

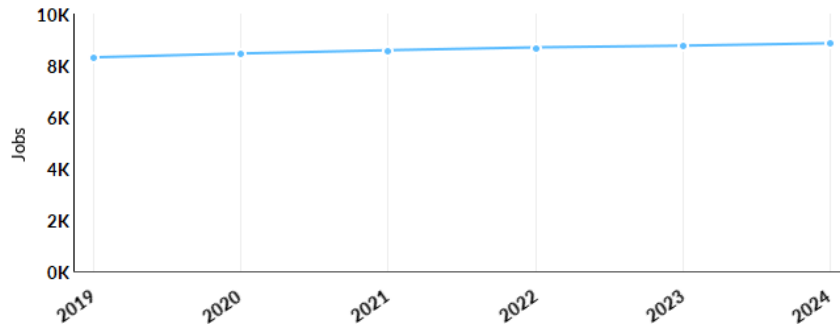# 2 Installation, Maintenance, and Repair Occupations in 3 California Counties

Occupation Summary for 2 Installation, Maintenance, and Repair Occupations

8,302	6.6%	$23.38/hr
Jobs (2019)	**% Change (2019-2024)**	**Median Hourly Earnings**
4% below National average	Nation: 3.5%	Nation: $18.91/hr

Growth

8,302	8,850	548	6.6%
2019 Jobs	**2024 Jobs**	**Change (2019-2024)**	**% Change (2019-2024)**

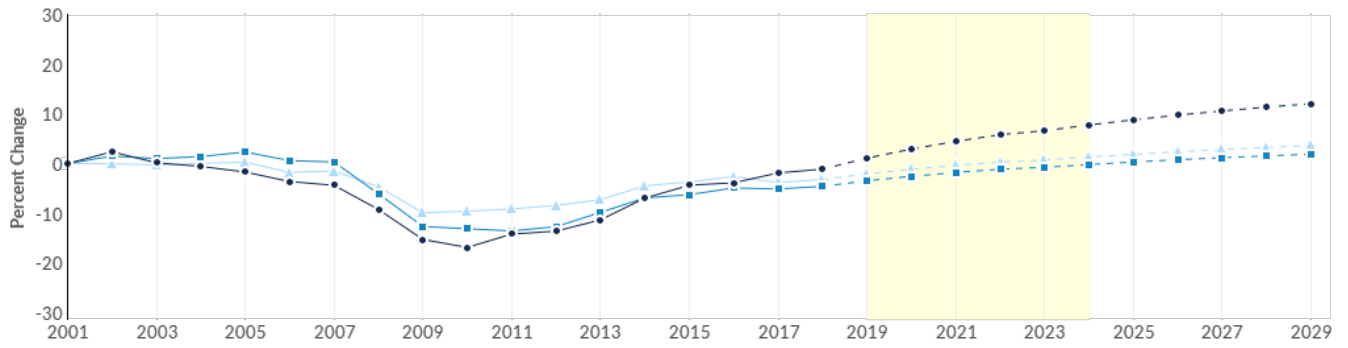| Occupation	2019 Jobs	2024 Jobs	Change	% Change
Automotive Body and Related Repairers (49-3021)	1,549	1,654	105	7%
Automotive Service Technicians and Mechanics (49-3023)	6,754	7,196	442	7%

Percentile Earnings

$17.55/hr	$23.38/hr	$31.90/hr
25th Percentile Earnings	**Median Earnings**	**75th Percentile Earnings**
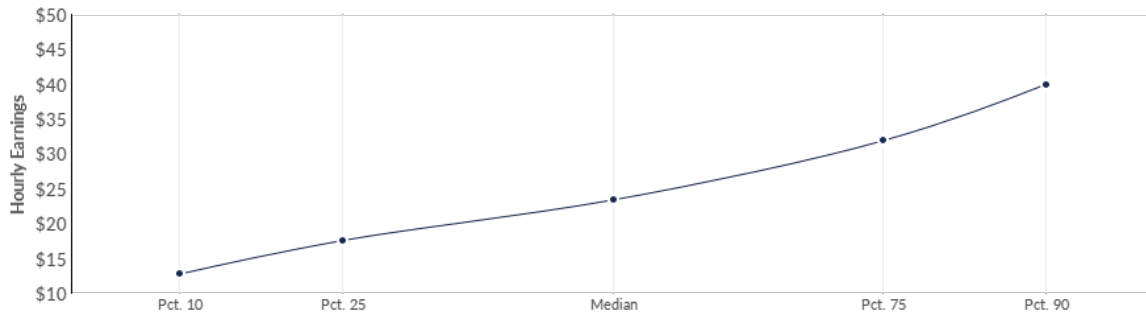
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Automotive Body and Related Repairers (49-3021)	$18.99	$26.49	$33.97
Automotive Service Technicians and Mechanics (49-3023)	$17.27	$22.88	$31.13

Regional Trends

Region	2019 Jobs	2024 Jobs	Change	% Change
● Region	8,302	8,850	548	6.6%
● California	103,093	106,585	3,492	3.4%
● United States	952,297	985,244	32,947	3.5%

Regional Breakdown

County	2024 Jobs
Alameda County, CA	5,006
Contra Costa County, CA	2,730
Solano County, CA	1,114

Job Postings Summary

1,495	4 : 1	38 days
Unique Postings	**Posting Intensity**	**Median Posting Duration**
	Regional Average: 4 : 1	
5,502 Total Postings		Regional Average: 33 days

There were **5,502** total job postings for your selection from January 2019 to September 2019, of which **1,495** were unique. These numbers give us a Posting Intensity of **4-to-1**, meaning that for every 4 postings there is 1 unique job posting. This is close to the Posting Intensity for all other occupations and companies in the region (4-to-1), indicating that they are putting average effort toward hiring for this position.
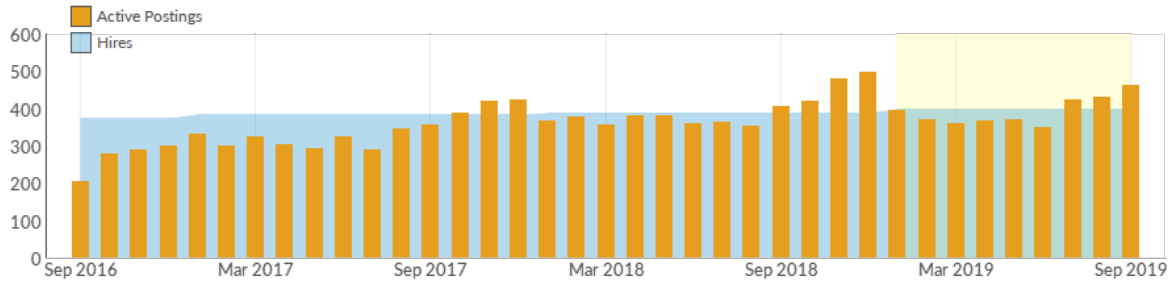
Job Postings vs. Hires

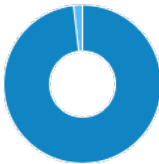| **392**	**400**
Avg. Monthly Postings (Jan 2019 - Sep 2019)	Avg. Monthly Hires (Jan 2019 - Sep 2019)

Occupation	Avg Monthly Postings (Jan 2019 - Sep 2019)	Avg Monthly Hires (Jan 2019 - Sep 2019)
Automotive Service Technicians and Mechanics	319	319
Automotive Body and Related Repairers	73	81

Occupation Gender Breakdown

	Gender	2018 Jobs	2018 Percent	
●	Males	7,971	98.2%	
●	Females	150	1.8%	

Occupation Age Breakdown

	Age	2018 Jobs	2018 Percent	
●	14-18	60	0.7%	
●	19-24	835	10.3%	
●	25-34	2,014	24.8%	
●	35-44	1,919	23.6%	
●	45-54	1,819	22.4%	
●	55-64	1,172	14.4%	
●	65+	302	3.7%	

Occupation Race/Ethnicity Breakdown
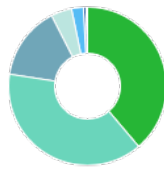
	Race/Ethnicity	2018 Jobs	2018 Percent	
●	Hispanic or Latino	3,150	38.8%	
●	White	3,137	38.6%	
●	Asian	1,221	15.0%	
●	Black or African American	347	4.3%	
●	Two or More Races	197	2.4%	
●	Native Hawaiian or Other Pacific Islander	45	0.6%	
●	American Indian or Alaska Native	24	0.3%	

Occupational Programs

2	219	823
Programs (2017)	**Completions (2017)**	**Openings (2017)**

CIP Code	Program	Completions (2017)
47.0604	Automobile/Automotive Mechanics Technology/Technician	175
47.0603	Autobody/Collision and Repair Technology/Technician	44

Industries Employing 2 Installation, Maintenance, and Repair Occupations

Industry	Occupation Group Jobs in Industry (2018)	% of Occupation Group in Industry (2018)	% of Total Jobs in Industry (2018)
General Automotive Repair	2,256	27.8%	52.4%
New Car Dealers	2,075	25.6%	18.5%
Automotive Body, Paint, and Interior Repair and Maintenance	1,299	16.0%	38.1%
Other Automotive Mechanical and Electrical Repair and Maintenance	306	3.8%	50.2%
Automotive Parts and Accessories Stores	241	3.0%	10.5%

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.

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.

State Data Sources

This report uses state data from the following agencies: California Labor Market Information Department