

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

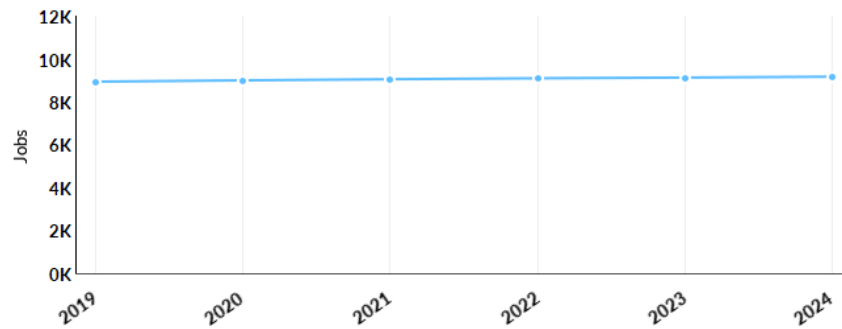
4 Occupations in 3 California Counties

Occupation Summary for 4 Occupations

8,923 Jobs (2019) 28% below National average	2.6% % Change (2019-2024) Nation: 1.5%	\$52.10/hr Median Hourly Earnings Nation: \$26.94/hr
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Growth

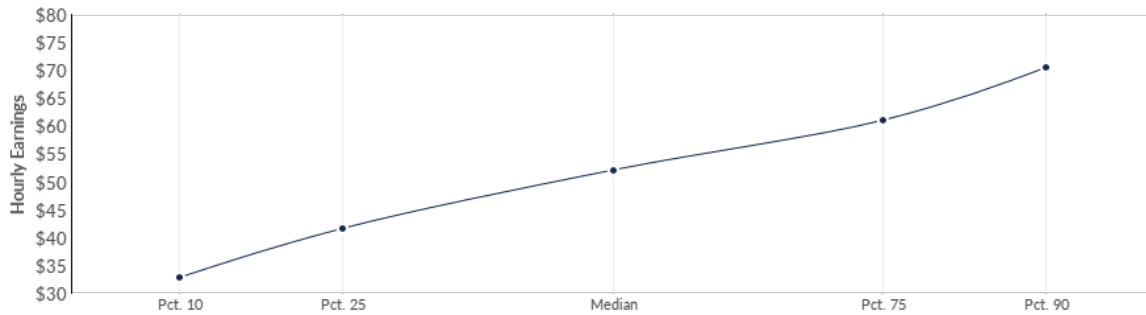
8,923 2019 Jobs	9,154 2024 Jobs	231 Change (2019-2024)	2.6% % Change (2019-2024)
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Occupation	2019 Jobs	2024 Jobs	Change	% Change
Probation Officers and Correctional Treatment Specialists (21-1092)	603	641	38	6%
Correctional Officers and Jailers (33-3012)	1,841	1,855	14	1%
Detectives and Criminal Investigators (33-3021)	424	440	16	4%
Police and Sheriff's Patrol Officers (33-3051)	6,056	6,219	163	3%

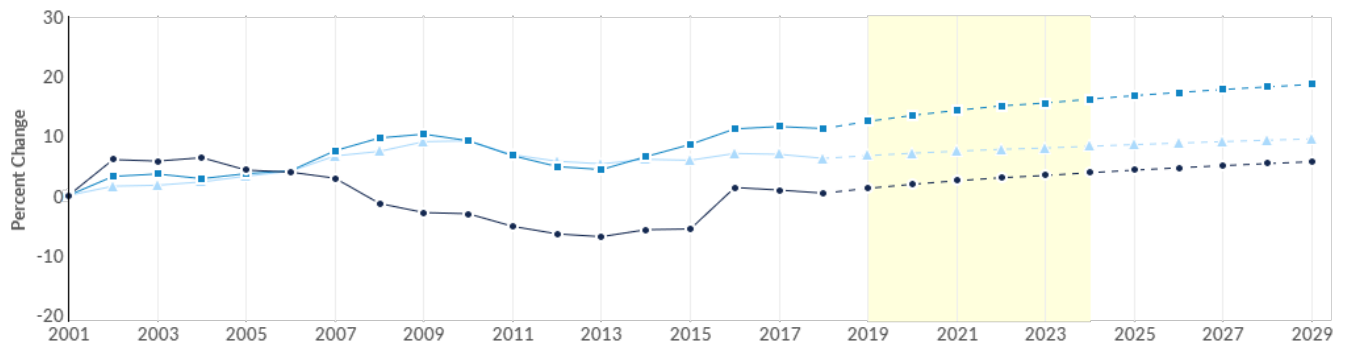
Percentile Earnings

\$41.62/hr	\$52.10/hr	\$61.07/hr
25th Percentile Earnings	Median Earnings	75th Percentile Earnings



Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Probation Officers and Correctional Treatment Specialists (21-1092)	\$34.59	\$44.26	\$52.78
Correctional Officers and Jailers (33-3012)	\$32.35	\$43.25	\$57.57
Detectives and Criminal Investigators (33-3021)	\$43.93	\$54.94	\$68.45
Police and Sheriff's Patrol Officers (33-3051)	\$45.81	\$54.50	\$61.70

Regional Trends




	Region	2019 Jobs	2024 Jobs	Change	% Change
●	Region	8,923	9,154	231	2.6%
●	California	145,199	150,014	4,815	3.3%
●	United States	1,361,363	1,381,366	20,003	1.5%

Regional Breakdown



County	2024 Jobs
Alameda County, CA	4,872
Solano County, CA	2,602
Contra Costa County, CA	1,680

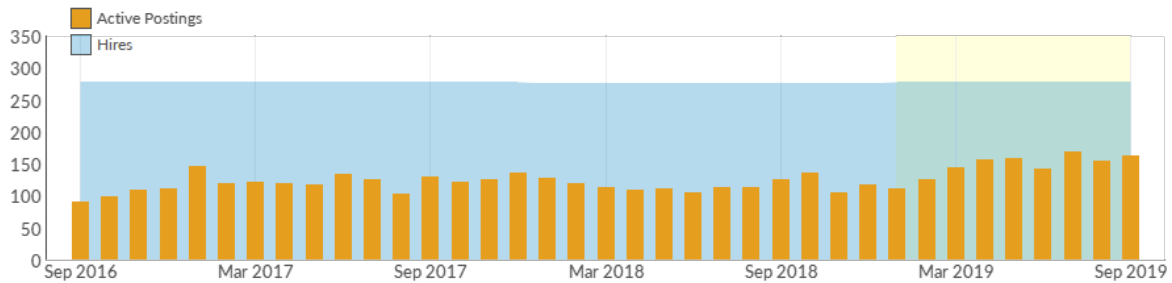
Job Postings Summary

508 Unique Postings 1,848 Total Postings	4 : 1 Posting Intensity Regional Average: 4 : 1 	32 days Median Posting Duration Regional Average: 33 days
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There were **1,848** total job postings for your selection from January 2019 to September 2019, of which **508** 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.

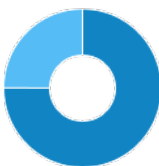
Job Postings vs. Hires

147	278
Avg. Monthly Postings (Jan 2019 - Sep 2019)	Avg. Monthly Hires (Jan 2019 - Sep 2019)



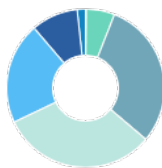
Occupation	Avg Monthly Postings (Jan 2019 - Sep 2019)	Avg Monthly Hires (Jan 2019 - Sep 2019)
Police and Sheriff's Patrol Officers	88	186
Detectives and Criminal Investigators	42	13
Probation Officers and Correctional Treatment Specialists	9	19
Correctional Officers and Jailers	7	60








Occupation Gender Breakdown



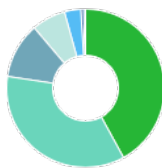
	Gender	2018 Jobs	2018 Percent
•	Males	6,642	75.0% 
•	Females	2,210	25.0% 

Occupation Age Breakdown



	Age	2018 Jobs	2018 Percent
●	14-18	14	0.2% 
●	19-24	516	5.8% 
●	25-34	2,672	30.2% 
●	35-44	2,811	31.8% 
●	45-54	1,838	20.8% 
●	55-64	849	9.6% 
●	65+	151	1.7% 

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2018 Jobs	2018 Percent	
●	White	3,718	42.0%	<div></div>
●	Hispanic or Latino	3,131	35.4%	<div></div>
●	Black or African American	1,007	11.4%	<div></div>
●	Asian	613	6.9%	<div></div>
●	Two or More Races	296	3.3%	<div></div>
●	American Indian or Alaska Native	51	0.6%	<div></div>
●	Native Hawaiian or Other Pacific Islander	35	0.4%	<div></div>

Occupational Programs

6 Programs (2017)		919 Completions (2017)	650 Openings (2017)
CIP Code	Program	Completions (2017)	
43.0107	Criminal Justice/Police Science	424	
44.0701	Social Work	356	
44.0000	Human Services, General	93	
43.0102	Corrections	42	
43.0199	Corrections and Criminal Justice, Other	4	

Industries Employing 4 Occupations

Industry	Occupation Group Jobs in Industry (2018)	% of Occupation Group in Industry (2018)	% of Total Jobs in Industry (2018)
Local Government, Excluding Education and Hospitals	6,005	67.8%	10.9%
State Government, Excluding Education and Hospitals	1,930	21.8%	13.1%
Federal Government, Military	327	3.7%	2.6%
Colleges, Universities, and Professional Schools (State Government)	222	2.5%	0.9%
Federal Government, Civilian, Excluding Postal Service	163	1.8%	1.4%

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