

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

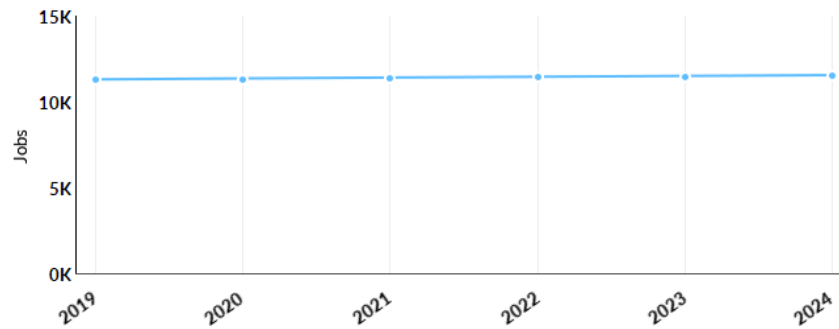
2 Occupations in 3 California Counties

Occupation Summary for 2 Occupations

11,284 Jobs (2019) 18% below National average	2.2% % Change (2019-2024) Nation: 6.7%	\$31.88/hr Median Hourly Earnings Nation: \$33.30/hr
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Growth

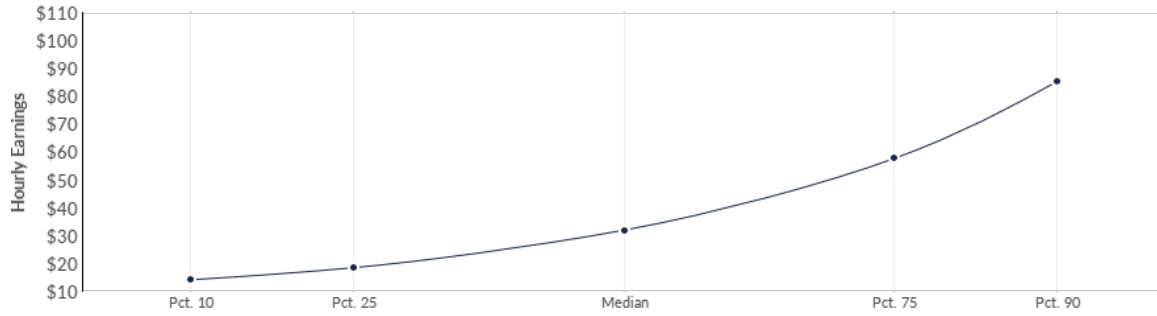
11,284 2019 Jobs	11,533 2024 Jobs	249 Change (2019-2024)	2.2% % Change (2019-2024)
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Occupation	2019 Jobs	2024 Jobs	Change	% Change
Historians (19-3093)	28	30	2	7%
Postsecondary Teachers (25-1099)	11,256	11,503	247	2%

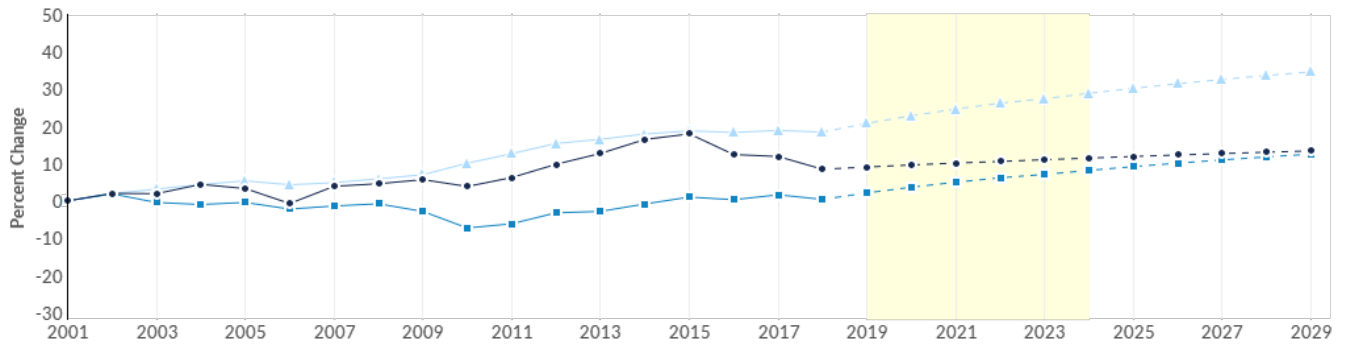
Percentile Earnings

\$18.44/hr 25th Percentile Earnings	\$31.88/hr Median Earnings	\$57.63/hr 75th Percentile Earnings
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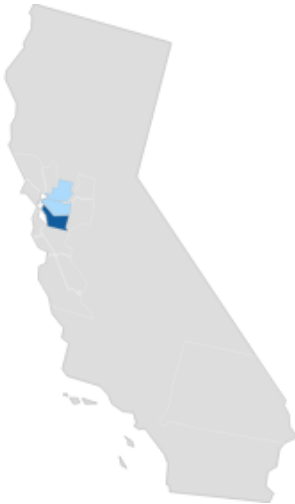
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Historians (19-3093)	\$27.52	\$38.43	\$50.88
Postsecondary Teachers (25-1099)	\$18.43	\$31.85	\$57.66

Regional Trends




	Region	2019 Jobs	2024 Jobs	Change	% Change
●	Region	11,284	11,533	249	2.2%
●	California	169,841	179,873	10,032	5.9%
●	United States	1,523,668	1,625,294	101,626	6.7%

Regional Breakdown



County	2024 Jobs
Alameda County, CA	8,316
Contra Costa County, CA	2,038
Solano County, CA	1,179

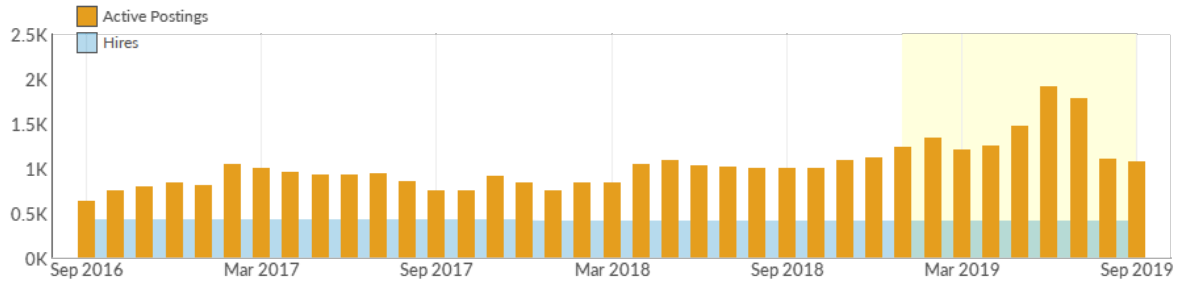
Job Postings Summary

<p>5,336 Unique Postings</p> <p>20,548 Total Postings</p>	<p>4 : 1 Posting Intensity</p> <p>Regional Average: 4 : 1</p> 	<p>30 days Median Posting Duration</p> <p>Regional Average: 33 days</p>
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There were **20,548** total job postings for your selection from January 2019 to September 2019, of which **5,336** 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.

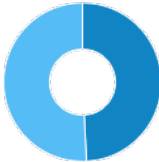
Job Postings vs. Hires

1,373 Avg. Monthly Postings (Jan 2019 - Sep 2019)	414 Avg. Monthly Hires (Jan 2019 - Sep 2019)
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Occupation	Avg Monthly Postings (Jan 2019 - Sep 2019)	Avg Monthly Hires (Jan 2019 - Sep 2019)
Postsecondary Teachers	1,371	413
Historians	1	1

Occupation Gender Breakdown



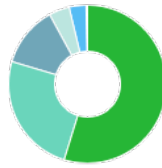
	Gender	2018 Jobs	2018 Percent	
•	Males	5,520	49.2%	
•	Females	5,702	50.8%	

Occupation Age Breakdown



	Age	2018 Jobs	2018 Percent
●	14-18	19	0.2%
●	19-24	987	8.8% █
●	25-34	2,277	20.3% █
●	35-44	2,042	18.2% █
●	45-54	1,989	17.7% █
●	55-64	2,314	20.6% █
●	65+	1,594	14.2% █

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2018 Jobs	2018 Percent	
●	White	6,147	54.8%	<div style="width: 54.8%;"></div>
●	Asian	2,785	24.8%	<div style="width: 24.8%;"></div>
●	Hispanic or Latino	1,394	12.4%	<div style="width: 12.4%;"></div>
●	Two or More Races	473	4.2%	<div style="width: 4.2%;"></div>
●	Black or African American	388	3.5%	<div style="width: 3.5%;"></div>
●	Native Hawaiian or Other Pacific Islander	20	0.2%	<div style="width: 0.2%;"></div>
●	American Indian or Alaska Native	14	0.1%	<div style="width: 0.1%;"></div>

Occupational Programs

59 Programs (2017)			5,154 Completions (2017)			897 Openings (2017)		
CIP Code	Program	Completions (2017)						
24.0101	Liberal Arts and Sciences/Liberal Studies	3,286						
23.0101	English Language and Literature, General	532						
54.0101	History, General	312						
13.0101	Education, General	241						
38.0101	Philosophy	130						

Industries Employing 2 Occupations

Industry	Occupation Group Jobs in Industry (2018)	% of Occupation Group in Industry (2018)	% of Total Jobs in Industry (2018)
Colleges, Universities, and Professional Schools (State Government)	5,509	49.1%	22.2%
Colleges, Universities, and Professional Schools (Local Government)	2,906	25.9%	30.7%
Colleges, Universities, and Professional Schools	1,548	13.8%	19.2%
Other Technical and Trade Schools	359	3.2%	29.2%
Apprenticeship Training	132	1.2%	28.1%

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