

# 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

# 3 Occupations in 3 California Counties

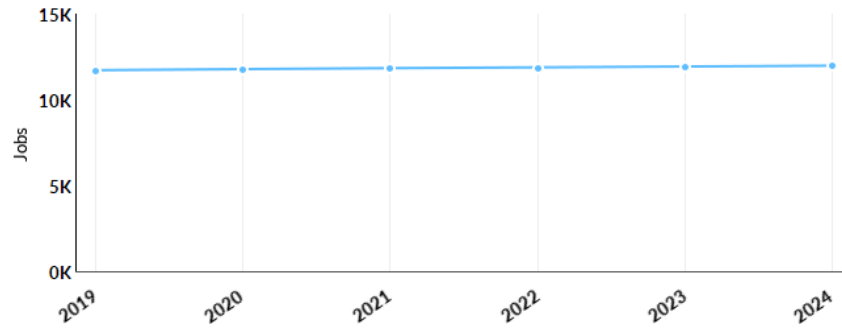
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## Occupation Summary for 3 Occupations

<b>11,705</b> Jobs (2019) 17% below National average	<b>2.2%</b> % Change (2019-2024) Nation: 6.6%	<b>\$31.29/hr</b> Median Hourly Earnings Nation: \$32.93/hr
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## Growth

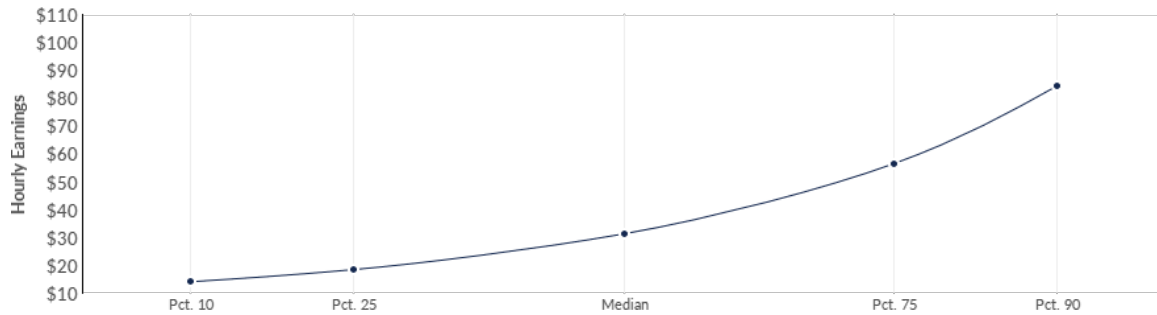
<b>11,705</b> 2019 Jobs	<b>11,967</b> 2024 Jobs	<b>262</b> Change (2019-2024)	<b>2.2%</b> % Change (2019-2024)
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Occupation	2019 Jobs	2024 Jobs	Change	% Change
Sociologists (19-3041)	136	127	-9	-7%
Social Science Research Assistants (19-4061)	314	338	24	8%
Postsecondary Teachers (25-1099)	11,256	11,503	247	2%

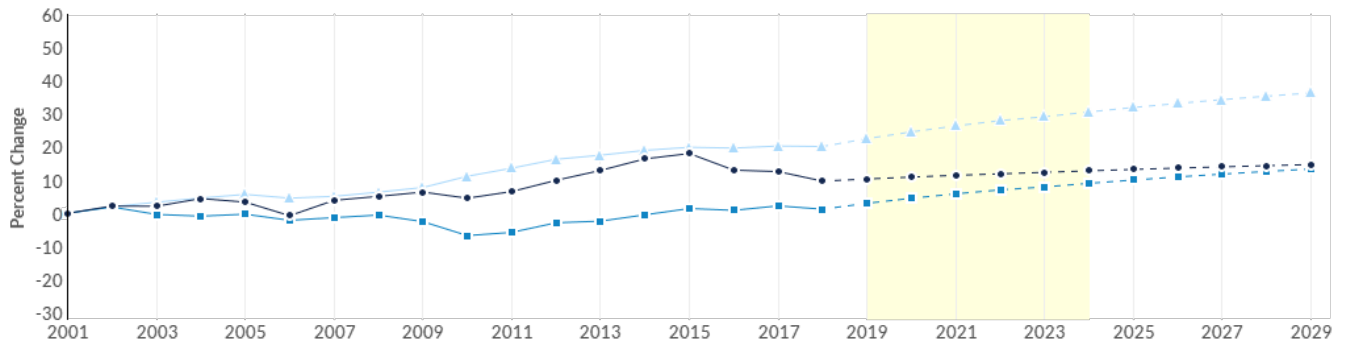
## Percentile Earnings

<b>\$18.47/hr</b> 25th Percentile Earnings	<b>\$31.29/hr</b> Median Earnings	<b>\$56.54/hr</b> 75th Percentile Earnings
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Sociologists (19-3041)	\$33.63	\$43.41	\$52.15
Social Science Research Assistants (19-4061)	\$17.58	\$21.03	\$26.06
Postsecondary Teachers (25-1099)	\$18.43	\$31.85	\$57.66

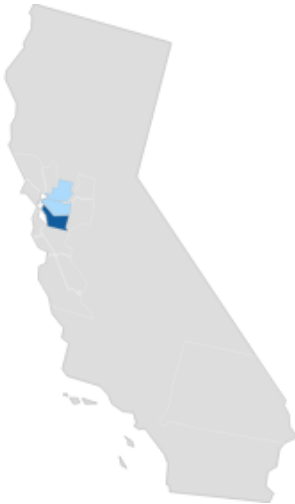
# Regional Trends



	Region	2019 Jobs	2024 Jobs	Change	% Change
●	Region	11,705	11,967	262	2.2%
●	California	173,499	183,663	10,164	5.9%
●	United States	1,561,356	1,664,199	102,843	6.6%

# Regional Breakdown

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County	2024 Jobs
Alameda County, CA	8,698
Contra Costa County, CA	2,084
Solano County, CA	1,185

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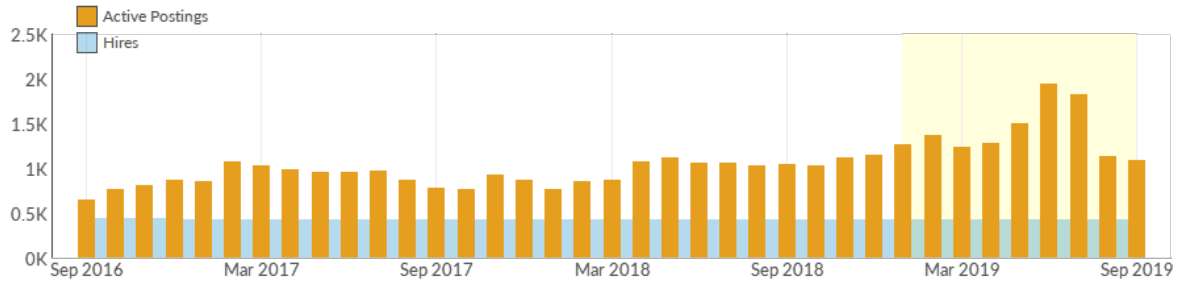
## Job Postings Summary

<p style="text-align: center;"><b>5,434</b> Unique Postings</p> <p style="text-align: center;">21,014 Total Postings</p>	<p style="text-align: center;"><b>4 : 1</b> Posting Intensity</p> <p style="text-align: center;">Regional Average: 4 : 1</p> 	<p style="text-align: center;"><b>30 days</b> Median Posting Duration</p> <p style="text-align: center;">Regional Average: 33 days</p>
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There were **21,014** total job postings for your selection from January 2019 to September 2019, of which **5,434** 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

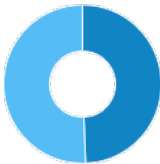
<b>1,401</b> Avg. Monthly Postings (Jan 2019 - Sep 2019)	<b>426</b> Avg. Monthly Hires (Jan 2019 - Sep 2019)
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Occupation	Avg Monthly Postings (Jan 2019 - Sep 2019)	Avg Monthly Hires (Jan 2019 - Sep 2019)
Postsecondary Teachers	1,371	413
Social Science Research Assistants	30	9
Sociologists	0	0

# Occupation Gender Breakdown

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	<b>Gender</b>	<b>2018 Jobs</b>	<b>2018 Percent</b>	
•	Males	5,745	49.4%	
•	Females	5,892	50.6%	

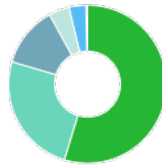
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# Occupation Age Breakdown



	Age	2018 Jobs	2018 Percent
●	14-18	23	0.2%
●	19-24	1,064	9.1% ■
●	25-34	2,383	20.5% ■■
●	35-44	2,119	18.2% ■■
●	45-54	2,059	17.7% ■■
●	55-64	2,374	20.4% ■■
●	65+	1,615	13.9% ■■

## Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2018 Jobs	2018 Percent	
●	White	6,367	54.7%	<div style="width: 54.7%;"></div>
●	Asian	2,889	24.8%	<div style="width: 24.8%;"></div>
●	Hispanic or Latino	1,448	12.4%	<div style="width: 12.4%;"></div>
●	Two or More Races	490	4.2%	<div style="width: 4.2%;"></div>
●	Black or African American	406	3.5%	<div style="width: 3.5%;"></div>
●	Native Hawaiian or Other Pacific Islander	22	0.2%	<div style="width: 0.2%;"></div>
●	American Indian or Alaska Native	15	0.1%	<div style="width: 0.1%;"></div>

## Occupational Programs

<b>61</b> Programs (2017)		<b>6,245</b> Completions (2017)	<b>985</b> Openings (2017)
CIP Code	Program	Completions (2017)	
24.0101	Liberal Arts and Sciences/Liberal Studies	3,286	
45.1101	Sociology	773	
45.0101	Social Sciences, General	598	
23.0101	English Language and Literature, General	532	
13.0101	Education, General	241	

## Industries Employing 3 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)	5,576	47.9%	22.4%
Colleges, Universities, and Professional Schools (Local Government)	2,906	25.0%	30.7%
Colleges, Universities, and Professional Schools	1,557	13.4%	19.3%
Other Technical and Trade Schools	359	3.1%	29.2%
Apprenticeship Training	132	1.1%	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