

# 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

## Postsecondary Teachers in 3 California Counties

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**Postsecondary Teachers (SOC 25-1099):**Aggregate category equivalent to SOC group 25-1000. Teach undergraduate and graduate level courses in their specialized field of study. Include both teachers primarily engaged in teaching and those who do a combination of both teaching and research. Alternate titles: College Professor.

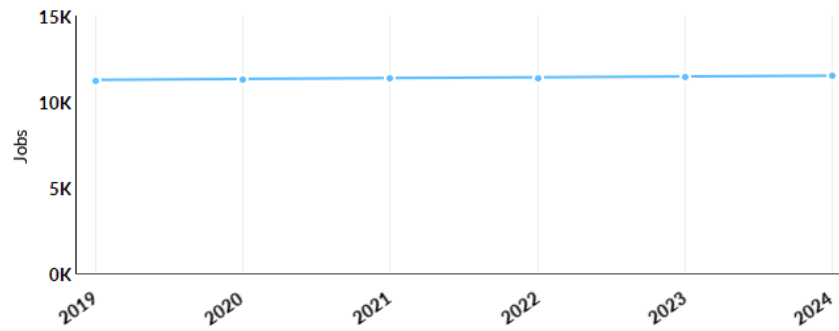
**Related O\*NET Occupations:** Business Teachers, Postsecondary (25-1011.00)Computer Science Teachers, Postsecondary (25-1021.00)Mathematical Science Teachers, Postsecondary (25-1022.00)Architecture Teachers, Postsecondary (25-1031.00)Engineering Teachers, Postsecondary (25-1032.00)Agricultural Sciences Teachers, Postsecondary (25-1041.00)Biological Science Teachers, Postsecondary (25-1042.00)Forestry and Conservation Science Teachers, Postsecondary (25-1043.00)Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary (25-1051.00)Chemistry Teachers, Postsecondary (25-1052.00)Environmental Science Teachers, Postsecondary (25-1053.00)Physics Teachers, Postsecondary (25-1054.00)Anthropology and Archeology Teachers, Postsecondary (25-1061.00)Area, Ethnic, and Cultural Studies Teachers, Postsecondary (25-1062.00)Economics Teachers, Postsecondary (25-1063.00)Geography Teachers, Postsecondary (25-1064.00)Political Science Teachers, Postsecondary (25-1065.00)Psychology Teachers, Postsecondary (25-1066.00)Sociology Teachers, Postsecondary (25-1067.00)Health Specialties Teachers, Postsecondary (25-1071.00)Nursing Instructors and Teachers, Postsecondary (25-1072.00)Education Teachers, Postsecondary (25-1081.00)Library Science Teachers, Postsecondary (25-1082.00)Criminal Justice and Law Enforcement Teachers, Postsecondary (25-1111.00)Law Teachers, Postsecondary (25-1112.00)Social Work Teachers, Postsecondary (25-1113.00)Art, Drama, and Music Teachers, Postsecondary (25-1121.00)Communications Teachers, Postsecondary (25-1122.00)English Language and Literature Teachers, Postsecondary (25-1123.00)Foreign Language and Literature Teachers, Postsecondary (25-1124.00)History Teachers, Postsecondary (25-1125.00)Philosophy and Religion Teachers, Postsecondary (25-1126.00)Graduate Teaching Assistants (25-1191.00)Home Economics Teachers, Postsecondary (25-1192.00)Recreation and Fitness Studies Teachers, Postsecondary (25-1193.00)Vocational Education Teachers, Postsecondary (25-1194.00)

## Occupation Summary for Postsecondary Teachers

<b>11,256</b> Jobs (2019) 18% below National average	<b>2.2%</b> % Change (2019-2024) Nation: 6.7%	<b>\$31.85/hr</b> Median Hourly Earnings Nation: \$33.31/hr
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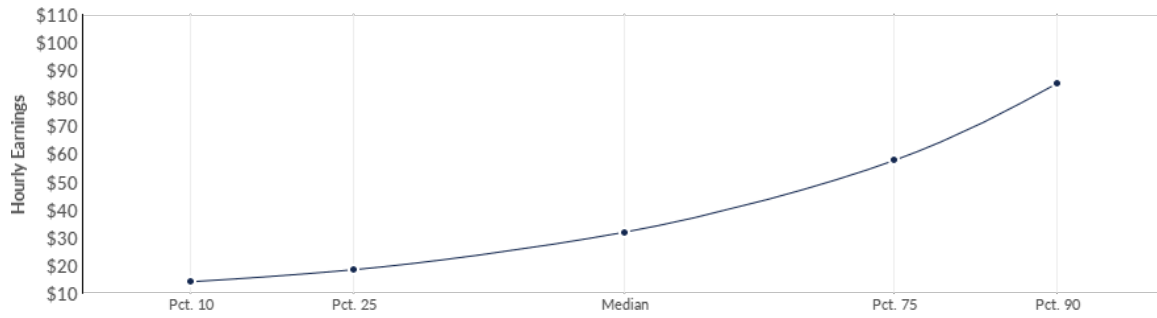
## Growth for Postsecondary Teachers (25-1099)

<b>11,256</b> 2019 Jobs	<b>11,503</b> 2024 Jobs	<b>247</b> Change (2019-2024)	<b>2.2%</b> % Change (2019-2024)
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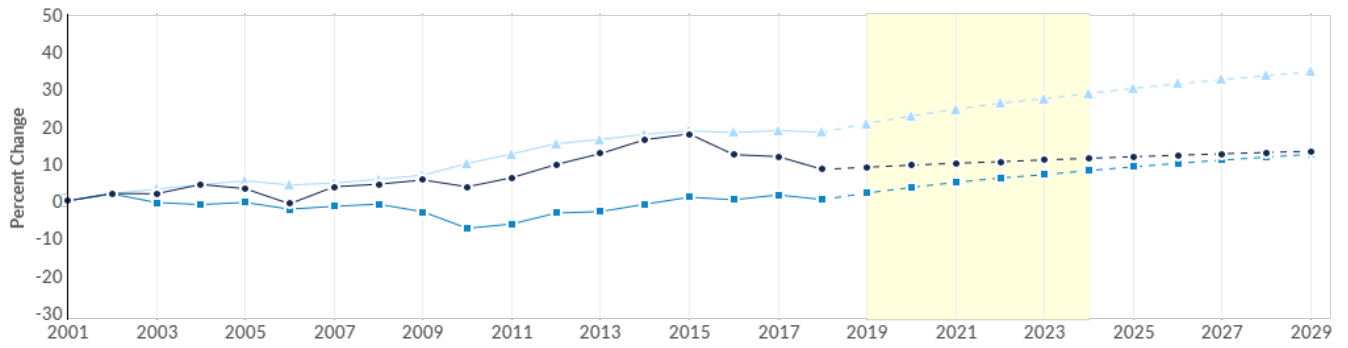


# Percentile Earnings for Postsecondary Teachers (25-1099)

<b>\$18.43/hr</b> 25th Percentile Earnings	<b>\$31.85/hr</b> Median Earnings	<b>\$57.66/hr</b> 75th Percentile Earnings
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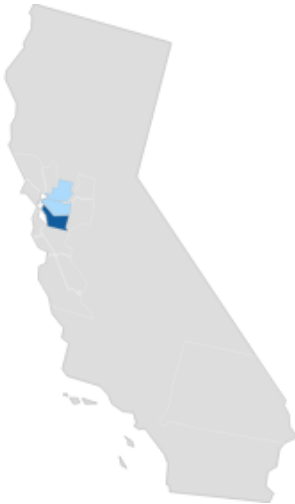
# Regional Trends



	Region	2019 Jobs	2024 Jobs	Change	% Change
●	Region	11,256	11,503	247	2.2%
●	California	169,331	179,329	9,998	5.9%
●	United States	1,518,962	1,620,375	101,413	6.7%

# Regional Breakdown

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County	2024 Jobs
Alameda County, CA	8,296
Contra Costa County, CA	2,031
Solano County, CA	1,176

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## Job Postings Summary

<p><b>5,332</b> Unique Postings</p> <p>20,539 Total Postings</p>	<p><b>4 : 1</b> Posting Intensity</p> <p>Regional Average: 4 : 1</p> 	<p><b>30 days</b> Median Posting Duration</p> <p>Regional Average: 33 days</p>
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There were **20,539** total job postings for your selection from January 2019 to September 2019, of which **5,332** 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.

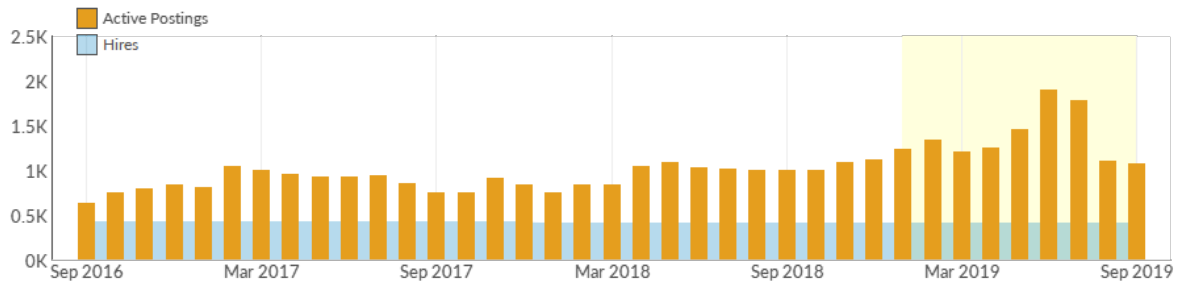
# Job Postings vs. Hires

**1,371**

**Avg. Monthly Postings (Jan 2019 - Sep 2019)**

**413**

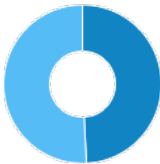
**Avg. Monthly Hires (Jan 2019 - Sep 2019)**



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

# Occupation Gender Breakdown

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	<b>Gender</b>	<b>2018 Jobs</b>	<b>2018 Percent</b>	
•	Males	5,508	49.2%	
•	Females	5,686	50.8%	

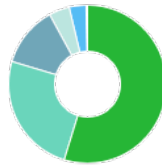
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# Occupation Age Breakdown



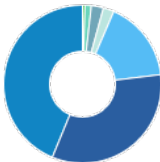
	Age	2018 Jobs	2018 Percent
●	14-18	19	0.2%
●	19-24	985	8.8% ■
●	25-34	2,269	20.3% ■■
●	35-44	2,036	18.2% ■■
●	45-54	1,984	17.7% ■■
●	55-64	2,310	20.6% ■■
●	65+	1,591	14.2% ■■

# Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2018 Jobs	2018 Percent	
●	White	6,131	54.8%	<div style="width: 54.8%;"></div>
●	Asian	2,781	24.8%	<div style="width: 24.8%;"></div>
●	Hispanic or Latino	1,390	12.4%	<div style="width: 12.4%;"></div>
●	Two or More Races	472	4.2%	<div style="width: 4.2%;"></div>
●	Black or African American	387	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>

# National Educational Attainment



	Education Level	2018 Percent
●	Less than high school diploma	0.5%
●	High school diploma or equivalent	1.3%
●	Some college, no degree	2.5%
●	Associate's degree	2.2%
●	Bachelor's degree	16.6% █
●	Master's degree	33.2% █
●	Doctoral or professional degree	43.8% █

## Occupational Programs

<b>56</b> Programs (2017)		<b>4,821</b> Completions (2017)	<b>894</b> 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	
13.0101	Education, General	241	
38.0101	Philosophy	130	
23.9999	English Language and Literature/Letters, Other	99	

## Industries Employing Postsecondary Teachers

Industry	Occupation Jobs in Industry (2018)	% of Occupation in Industry (2018)	% of Total Jobs in Industry (2018)
Colleges, Universities, and Professional Schools (State Government)	5,509	49.2%	22.2%
Colleges, Universities, and Professional Schools (Local Government)	2,906	26.0%	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