Occupation Overview

Emsi Q3 2019 Data Set

October 2019

Contra Costa Community College District

Parameters

Occupations

Regions

Timeframe

2019 - 2024

Datarun

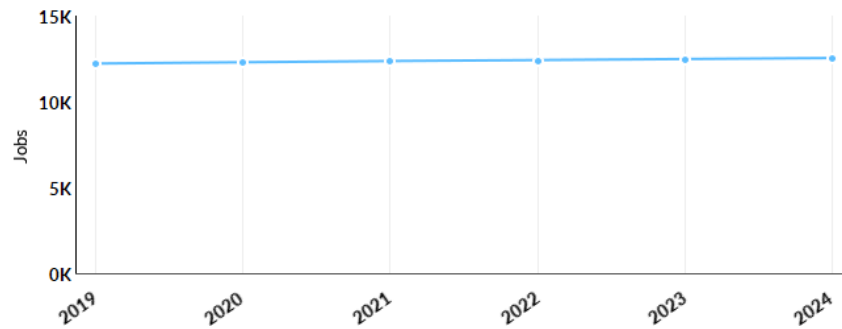2019.3 – QCEW Employees, Non-QCEW Employees, and Self-Employed

Occupation Summary for 2 Occupations

12,207	2.7%	$31.03/hr
Jobs (2019)	**% Change (2019-2024)**	**Median Hourly Earnings**
17% below National average	Nation: 6.8%	Nation: $32.67/hr

Growth

12,207	12,531	324	2.7%
2019 Jobs	**2024 Jobs**	**Change (2019-2024)**	**% Change (2019-2024)**

Occupation	2019 Jobs	2024 Jobs	Change	% Change
Postsecondary Teachers (25-1099)	11,256	11,503	247	2%
Interpreters and Translators (27-3091)	952	1,028	76	8%

Percentile Earnings

$18.42/hr	$31.03/hr	$56.39/hr
25th Percentile Earnings	**Median Earnings**	**75th Percentile Earnings**
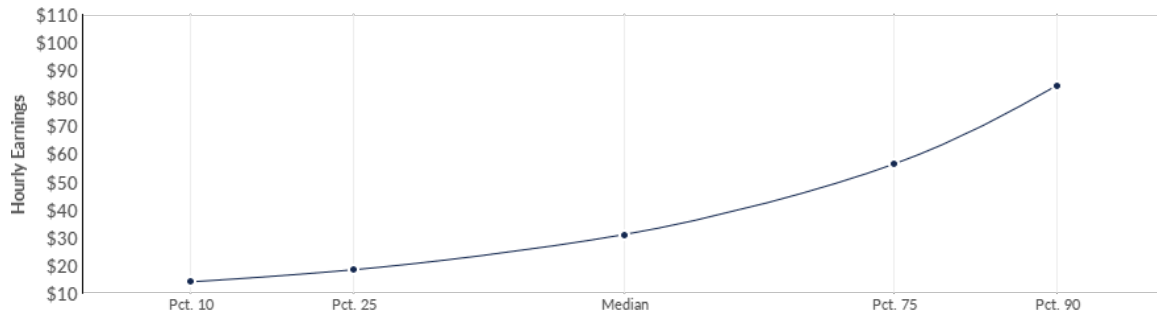
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Postsecondary Teachers (25-1099)	$18.43	$31.85	$57.66
Interpreters and Translators (27-3091)	$18.36	$25.77	$40.90

Regional Trends
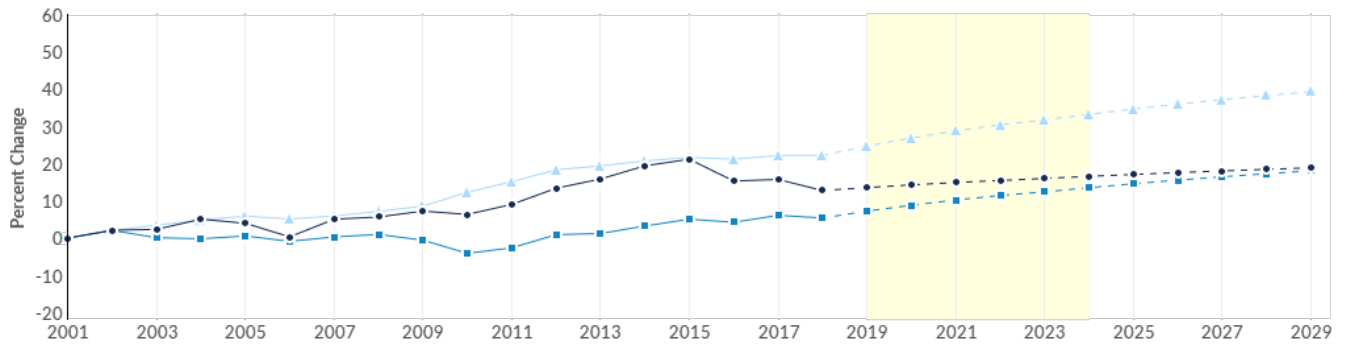
	Region	2019 Jobs	2024 Jobs	Change	% Change
●	Region	12,207	12,531	324	2.7%
●	California	184,631	195,462	10,831	5.9%
●	United States	1,615,849	1,726,419	110,570	6.8%

Regional Breakdown

County	2024 Jobs
Alameda County, CA	8,840
Contra Costa County, CA	2,298
Solano County, CA	1,392

Job Postings Summary

5,621	4 : 1	30 days
Unique Postings	**Posting Intensity**	**Median Posting Duration**
	Regional Average: 4 : 1	
21,190 Total Postings		Regional Average: 33 days

There were **21,190** total job postings for your selection from January 2019 to September 2019, of which **5,621** 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.
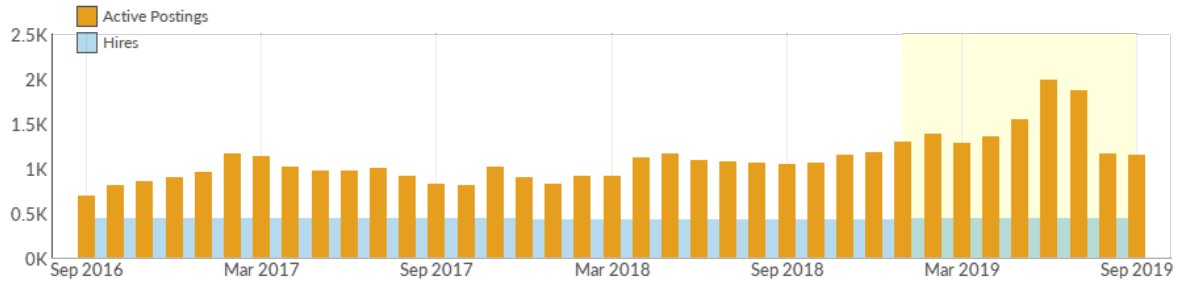
Job Postings vs. Hires

1,446	437
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)
Postsecondary Teachers	1,371	413
Interpreters and Translators	75	24

Occupation Gender Breakdown

	Gender	2018 Jobs	2018 Percent	
●	Males	5,793	47.8%	▬▬▬
●	Females	6,329	52.2%	▬▬▬▬

Occupation Age Breakdown

	Age	2018 Jobs	2018 Percent	
●	14-18	23	0.2%	
●	19-24	1,058	8.7%	
●	25-34	2,482	20.5%	
●	35-44	2,251	18.6%	
●	45-54	2,164	17.8%	
●	55-64	2,470	20.4%	
●	65+	1,675	13.8%	

Occupation Race/Ethnicity Breakdown
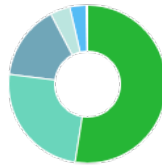
	Race/Ethnicity	2018 Jobs	2018 Percent	
●	White	6,367	52.5%	▬▬▬▬▬
●	Asian	2,965	24.5%	▬▬▬
●	Hispanic or Latino	1,853	15.3%	▬▬
●	Two or More Races	496	4.1%	▮
●	Black or African American	405	3.3%	▮
●	Native Hawaiian or Other Pacific Islander	21	0.2%	▏
●	American Indian or Alaska Native	15	0.1%	▏

Occupational Programs

82	5,182	1,017
Programs (2017)	**Completions (2017)**	**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 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)	5,524	45.6%	22.2%
Colleges, Universities, and Professional Schools (Local Government)	2,922	24.1%	30.9%
Colleges, Universities, and Professional Schools	1,551	12.8%	19.3%
All Other Professional, Scientific, and Technical Services	412	3.4%	13.8%
Other Technical and Trade Schools	361	3.0%	29.3%

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