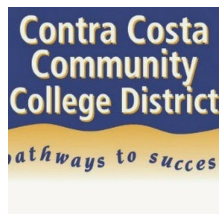


Occupation Overview

Emsi Q4 2017 Data Set

December 2017

Contra Costa Community College District



500 Court Street
Martinez, California 94553
925.229.1000

Parameters

Occupations

Code	Description
25-4031	Library Technicians
43-4121	Library Assistants, Clerical

Regions

12 items selected. See Appendix A for details.

Timeframe

2015 - 2021

Datarun

2017.4 - QCEW Employees, Non-QCEW Employees, Self-Employed, and Extended Proprietors

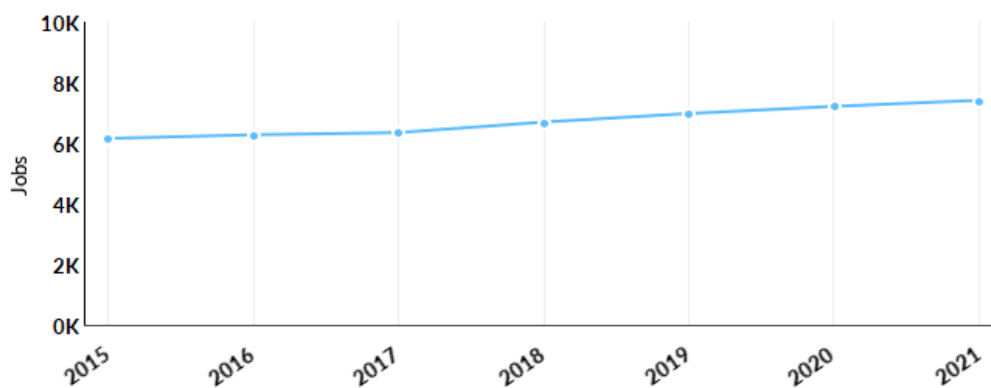
2 Occupations in 12 California Counties

Occupation Summary for 2 Occupations

<p>6,150</p> <p>Jobs (2015)</p> <p>10% below National average</p>	<p>+20.5%</p> <p>% Change (2015-2021)</p> <p>Nation: +6.5%</p>	<p>\$21.42/hr</p> <p>Median Hourly Earnings</p> <p>Nation: \$13.71/hr</p>
--	--	---

Growth

6,150	7,409	1,259	20.5%
2015 Jobs	2021 Jobs	Change (2015-2021)	% Change (2015-2021)



Occupation	2015 Jobs	2021 Jobs	Change	% Change
Library Technicians (25-4031)	3,380	3,989	609	18%
Library Assistants, Clerical (43-4121)	2,770	3,421	651	24%

Percentile Earnings

\$16.59/hr

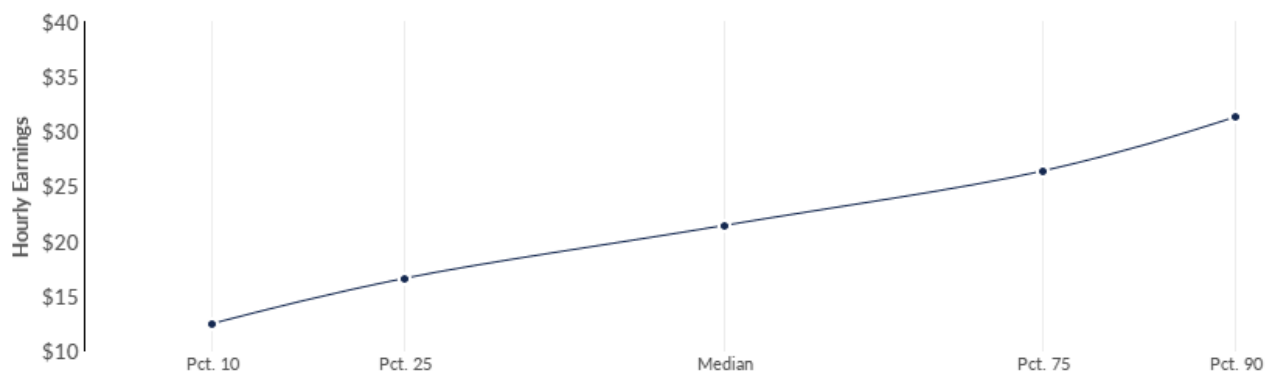
25th Percentile Earnings

\$21.42/hr

Median Earnings

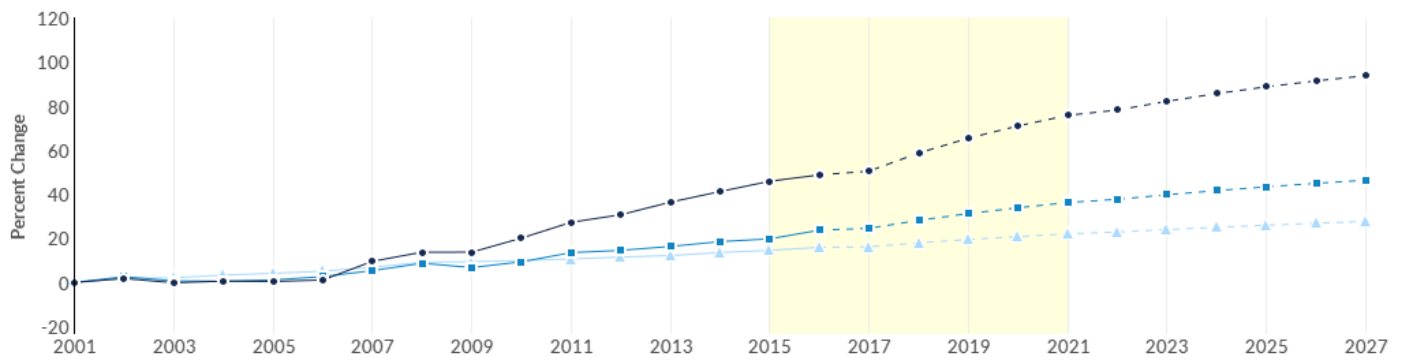
\$26.40/hr

75th Percentile Earnings



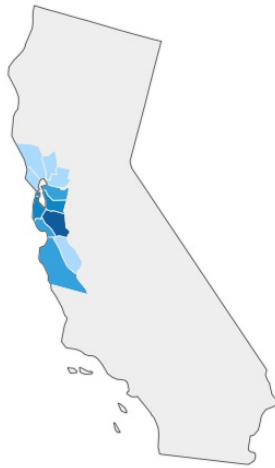
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Library Technicians (25-4031)	\$19.51	\$24.11	\$29.11
Library Assistants, Clerical (43-4121)	\$13.13	\$18.23	\$22.55

Regional Trends



Region	2015 Jobs	2021 Jobs	Change	% Change
● Region	6,150	7,409	1,259	20.5%
■ State	24,472	27,834	3,362	13.7%
▲ Nation	240,247	255,876	15,629	6.5%

Regional Breakdown



County	2021 Jobs
Santa Clara County, CA	2,321
Alameda County, CA	1,421
San Francisco County, CA	1,381
San Mateo County, CA	686
Contra Costa County, CA	379

Job Postings Summary

1,958

Unique Postings (Jan 2015 - Nov 2017)
5,308 Total Postings

3 : 1

Posting Intensity (Jan 2015 - Nov 2017)



There were 5,308 total job postings for your selection from January 2015 to November 2017, of which 1,958 were unique. These numbers give us a Posting Intensity of 3-to-1, meaning that for every 3 postings there is 1 unique job posting.

This is lower than the Posting Intensity for all other occupations and companies in the region (7-to-1), indicating that they may not be trying as hard to hire for this position.

Job Postings vs. Hires

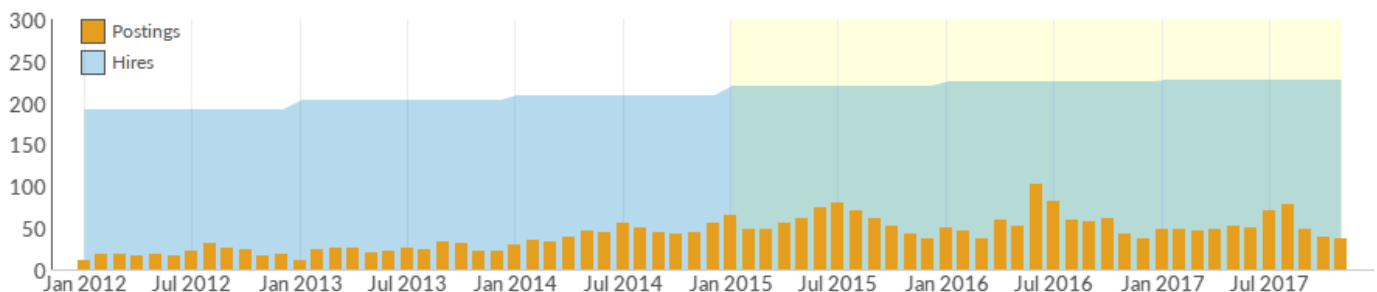
56

Avg. Monthly Postings (Jan 2015 - Nov 2017)

224

Avg. Monthly Hires (Jan 2015 - Nov 2017)

In an average month, there were 56 unique job postings for 2 Occupations, and 224 actually hired. This means there were approximately 4 hires for 2 Occupations for every 1 unique job posting.



Occupation	Avg Monthly Postings (Jan 2015 - Nov 2017)	Avg Monthly Hires (Jan 2015 - Nov 2017)
Library Assistants, Clerical	38	100
Library Technicians	18	124

Occupation Gender Breakdown



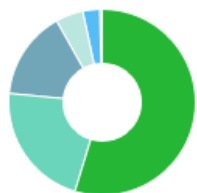
Gender	2017 Jobs	2017 Percent
Males	1,606	25.3%
Females	4,737	74.7%

Occupation Age Breakdown



Age	2017 Jobs	2017 Percent
14-18	176	2.8%
19-24	1,347	21.2%
25-34	1,030	16.2%
35-44	848	13.4%
45-54	1,061	16.7%
55-64	1,153	18.2%
65+	728	11.5%

Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2017 Jobs	2017 Percent
White	3,470	54.7%
Asian	1,383	21.8%
Hispanic or Latino	975	15.4%
Black or African American	302	4.8%
Two or More Races	186	2.9%
American Indian or Alaska Native	15	0.2%
Native Hawaiian or Other Pacific Islander	12	0.2%

Occupational Programs

1 Programs (2016)	13 Completions (2016)	923 Openings (2016)
----------------------	--------------------------	------------------------

CIP Code	Program	Completions (2016)
25.0301	Library and Archives Assisting	13

Industries Employing 2 Occupations

Industry	Occupation Group Jobs in Industry (2017)	% of Occupation Group in Industry (2017)	% of Total Jobs in Industry (2017)
Internet Publishing and Broadcasting and Web Search Portals	2,002	31.6%	2.8%
Local Government, Excluding Education and Hospitals	1,976	31.2%	1.3%
Colleges, Universities, and Professional Schools	863	13.6%	1.5%
Colleges, Universities, and Professional Schools (State Government)	745	11.7%	1.1%
Elementary and Secondary Schools (Local Government)	292	4.6%	0.2%

Appendix A - Regions

Code	Description
6001	Alameda County, CA
6013	Contra Costa County, CA
6041	Marin County, CA
6053	Monterey County, CA
6055	Napa County, CA
6069	San Benito County, CA
6075	San Francisco County, CA
6081	San Mateo County, CA
6085	Santa Clara County, CA
6087	Santa Cruz County, CA
6095	Solano County, CA
6097	Sonoma County, CA

Appendix B - 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.

CareerBuilder/Emsi Job Postings

Job postings are collected from various sources and processed/enriched by Careerbuilder to provide information such as standardized company name, occupation, skills, and geography. Emsi performs additional filtering and processing to improve compatibility with Emsi data.

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