

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

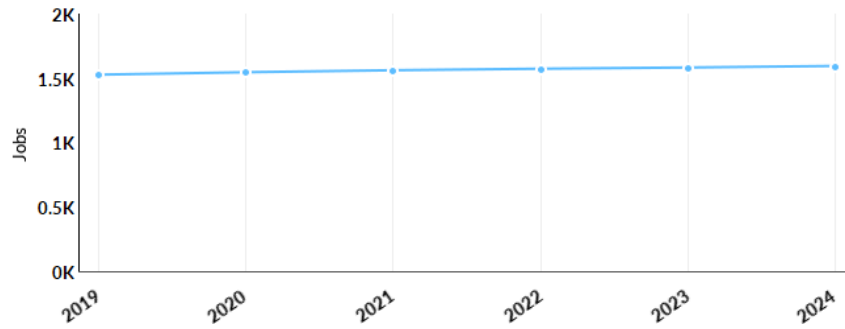
3 Arts, Design, Entertainment, Sports, and Media Occupations in 3 California Counties

Occupation Summary for 3 Arts, Design, Entertainment, Sports, and Media Occupations

1,526 Jobs (2019) 4% above National average	4.4% % Change (2019-2024) Nation: 5.3%	\$25.37/hr Median Hourly Earnings Nation: \$21.05/hr
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Growth

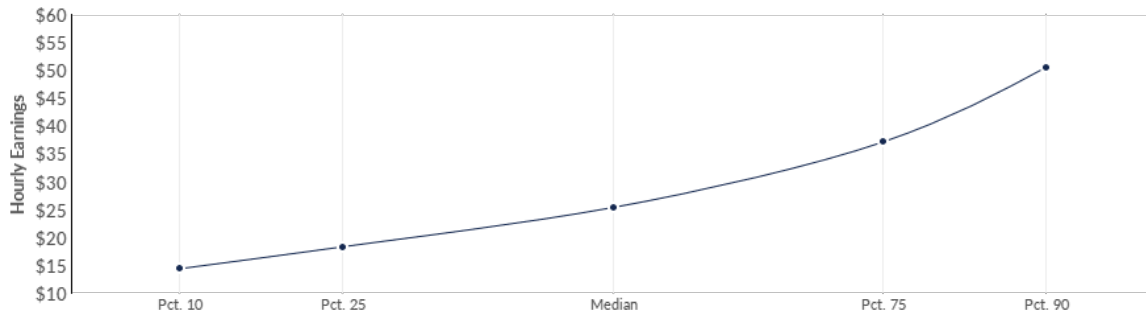
1,526 2019 Jobs	1,593 2024 Jobs	67 Change (2019-2024)	4.4% % Change (2019-2024)
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Occupation	2019 Jobs	2024 Jobs	Change	% Change
Audio and Video Equipment Technicians (27-4011)	1,105	1,165	60	5%
Broadcast Technicians (27-4012)	168	161	-7	-4%
Sound Engineering Technicians (27-4014)	252	267	15	6%

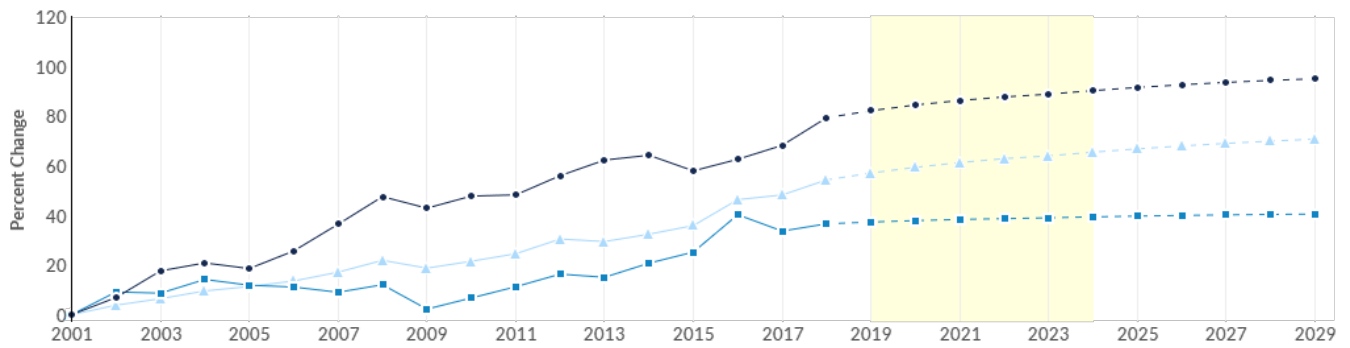
Percentile Earnings

\$18.32/hr 25th Percentile Earnings	\$25.37/hr Median Earnings	\$37.15/hr 75th Percentile Earnings
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Audio and Video Equipment Technicians (27-4011)	\$18.46	\$24.81	\$34.65
Broadcast Technicians (27-4012)	\$16.46	\$23.82	\$42.14
Sound Engineering Technicians (27-4014)	\$19.25	\$31.11	\$54.56

Regional Trends




	Region	2019 Jobs	2024 Jobs	Change	% Change
●	Region	1,526	1,593	67	4.4%
■	California	29,171	29,612	441	1.5%
▲	United States	162,605	171,295	8,690	5.3%

Regional Breakdown



County	2024 Jobs
Alameda County, CA	1,136
Contra Costa County, CA	361
Solano County, CA	97

Job Postings Summary

<p>206 Unique Postings</p> <p>545 Total Postings</p>	<p>3 : 1 Posting Intensity</p> <p>Regional Average: 4 : 1</p> 	<p>36 days Median Posting Duration</p> <p>Regional Average: 33 days</p>
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There were **545** total job postings for your selection from January 2019 to September 2019, of which **206** 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 (4-to-1), indicating that they may not be trying as hard to hire for this position.

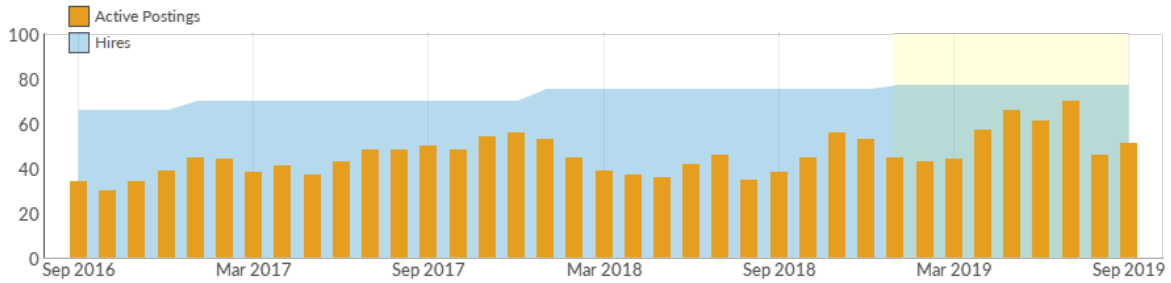
Job Postings vs. Hires

54

Avg. Monthly Postings (Jan 2019 - Sep 2019)

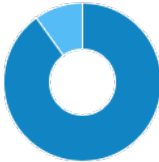
77

Avg. Monthly Hires (Jan 2019 - Sep 2019)



Occupation	Avg Monthly Postings (Jan 2019 - Sep 2019)	Avg Monthly Hires (Jan 2019 - Sep 2019)
Audio and Video Equipment Technicians	43	61
Broadcast Technicians	9	5
Sound Engineering Technicians	1	11







Occupation Gender Breakdown



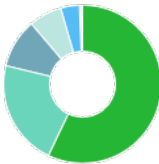
	Gender	2018 Jobs	2018 Percent	
•	Males	1,352	90.0%	
•	Females	150	10.0%	

Occupation Age Breakdown



	Age	2018 Jobs	2018 Percent
●	14-18	23	1.5% 
●	19-24	181	12.0% 
●	25-34	430	28.7% 
●	35-44	348	23.2% 
●	45-54	291	19.4% 
●	55-64	178	11.9% 
●	65+	51	3.4% 

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2018 Jobs	2018 Percent	
●	White	858	57.1%	<div style="width: 57.1%;"></div>
●	Hispanic or Latino	325	21.7%	<div style="width: 21.7%;"></div>
●	Asian	151	10.0%	<div style="width: 10.0%;"></div>
●	Black or African American	101	6.7%	<div style="width: 6.7%;"></div>
●	Two or More Races	58	3.8%	<div style="width: 3.8%;"></div>
●	Native Hawaiian or Other Pacific Islander	5	0.3%	<div style="width: 0.3%;"></div>
●	American Indian or Alaska Native	5	0.3%	<div style="width: 0.3%;"></div>

Occupational Programs

5 Programs (2017)		107 Completions (2017)	221 Openings (2017)
CIP Code	Program	Completions (2017)	
10.0203	Recording Arts Technology/Technician	70	
10.0299	Audiovisual Communications Technologies/Technicians, Other	18	
09.0702	Digital Communication and Media/Multimedia	13	
10.0201	Photographic and Film/Video Technology/Technician and Assistant	6	
10.0202	Radio and Television Broadcasting Technology/Technician	0	

Industries Employing 3 Arts, Design, Entertainment, Sports, and Media Occupations

Industry	Occupation Group Jobs in Industry (2018)	% of Occupation Group in Industry (2018)	% of Total Jobs in Industry (2018)
Motion Picture and Video Production	184	12.2%	6.5%
Cable and Other Subscription Programming	73	4.8%	4.2%
Religious Organizations	70	4.6%	0.7%
Colleges, Universities, and Professional Schools (State Government)	68	4.6%	0.3%
Independent Artists, Writers, and Performers	57	3.8%	1.2%

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