

# 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 Healthcare Practitioners and Technical Occupations in 3 California Counties

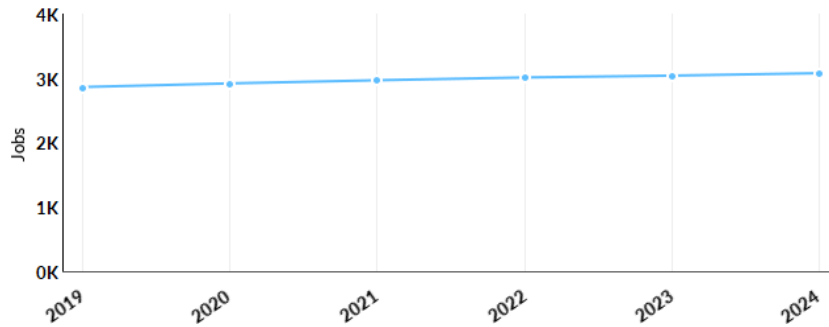
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# Occupation Summary for 3 Healthcare Practitioners and Technical Occupations

<b>2,860</b> Jobs (2019) 4% below National average	<b>7.5%</b> % Change (2019-2024) Nation: 7.6%	<b>\$44.30/hr</b> Median Hourly Earnings Nation: \$30.78/hr
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## Growth

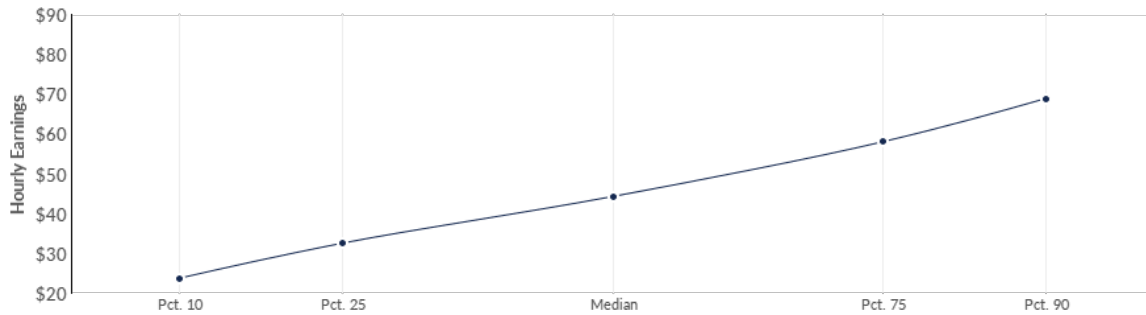
<b>2,860</b> 2019 Jobs	<b>3,075</b> 2024 Jobs	<b>215</b> Change (2019-2024)	<b>7.5%</b> % Change (2019-2024)
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Occupation	2019 Jobs	2024 Jobs	Change	% Change
Diagnostic Medical Sonographers (29-2032)	740	799	59	8%
Radiologic Technologists (29-2034)	1,747	1,883	136	8%
Magnetic Resonance Imaging Technologists (29-2035)	373	393	20	5%

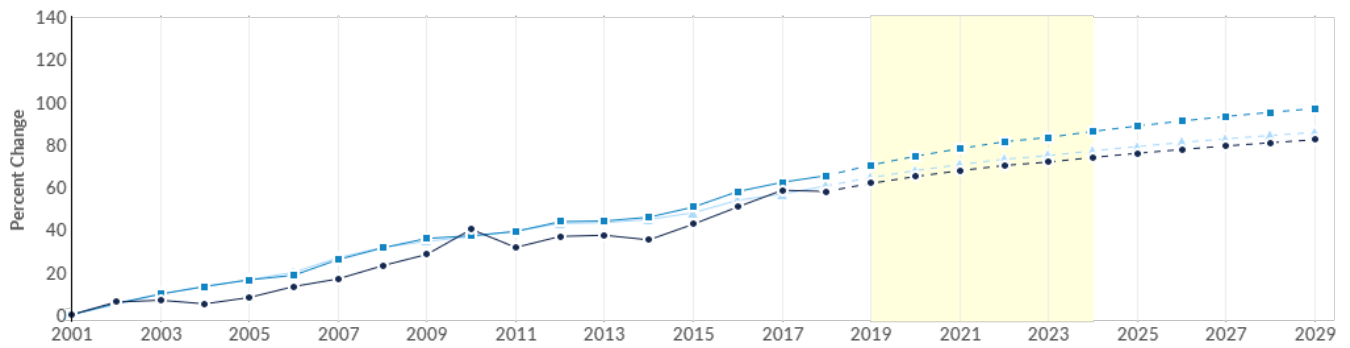
## Percentile Earnings

<b>\$32.56/hr</b> 25th Percentile Earnings	<b>\$44.30/hr</b> Median Earnings	<b>\$58.08/hr</b> 75th Percentile Earnings
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Diagnostic Medical Sonographers (29-2032)	\$33.81	\$45.72	\$61.58
Radiologic Technologists (29-2034)	\$31.84	\$44.07	\$58.02
Magnetic Resonance Imaging Technologists (29-2035)	\$33.54	\$42.85	\$53.59

## Regional Trends



	Region	2019 Jobs	2024 Jobs	Change	% Change
●	Region	2,860	3,075	215	7.5%
●	California	29,269	31,988	2,719	9.3%
●	United States	329,264	354,357	25,093	7.6%

# Regional Breakdown

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County	2024 Jobs
Alameda County, CA	1,519
Contra Costa County, CA	922
Solano County, CA	634

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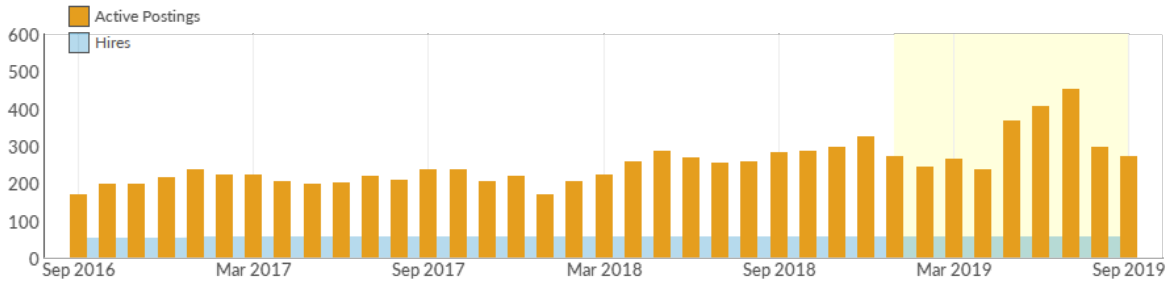
## Job Postings Summary

<p style="text-align: center;"><b>1,258</b> Unique Postings</p> <p style="text-align: center;">5,968 Total Postings</p>	<p style="text-align: center;"><b>5 : 1</b> Posting Intensity</p> <p style="text-align: center;">Regional Average: 4 : 1</p> 	<p style="text-align: center;"><b>38 days</b> Median Posting Duration</p> <p style="text-align: center;">Regional Average: 33 days</p>
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There were **5,968** total job postings for your selection from January 2019 to September 2019, of which **1,258** were unique. These numbers give us a Posting Intensity of **5-to-1**, meaning that for every 5 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

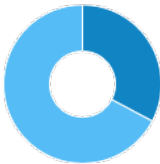
<b>312</b> Avg. Monthly Postings (Jan 2019 - Sep 2019)	<b>58</b> Avg. Monthly Hires (Jan 2019 - Sep 2019)
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Occupation	Avg Monthly Postings (Jan 2019 - Sep 2019)	Avg Monthly Hires (Jan 2019 - Sep 2019)
Radiologic Technologists	191	35
Diagnostic Medical Sonographers	87	15
Magnetic Resonance Imaging Technologists	35	7

# Occupation Gender Breakdown

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	Gender	2018 Jobs	2018 Percent
•	Males	914	32.7% 
•	Females	1,879	67.3% 

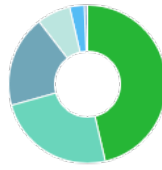
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# Occupation Age Breakdown



	Age	2018 Jobs	2018 Percent
●	14-18	0	0.0%
●	19-24	69	2.5%
●	25-34	649	23.3% █
●	35-44	828	29.6% █
●	45-54	694	24.9% █
●	55-64	465	16.7% █
●	65+	87	3.1% █

## Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2018 Jobs	2018 Percent	
●	White	1,295	46.4%	<div style="width: 46.4%;"></div>
●	Asian	679	24.3%	<div style="width: 24.3%;"></div>
●	Hispanic or Latino	525	18.8%	<div style="width: 18.8%;"></div>
●	Black or African American	192	6.9%	<div style="width: 6.9%;"></div>
●	Two or More Races	84	3.0%	<div style="width: 3.0%;"></div>
●	Native Hawaiian or Other Pacific Islander	14	0.5%	<div style="width: 0.5%;"></div>
●	American Indian or Alaska Native	5	0.2%	<div style="width: 0.2%;"></div>

## Occupational Programs

<b>5</b>		<b>477</b>	<b>155</b>
<b>Programs (2017)</b>		<b>Completions (2017)</b>	<b>Openings (2017)</b>
<b>CIP Code</b>	<b>Program</b>	<b>Completions (2017)</b>	
51.0000	Health Services/Allied Health/Health Sciences, General	427	
51.0911	Radiologic Technology/Science - Radiographer	33	
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	17	
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	0	
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	0	

## Industries Employing 3 Healthcare Practitioners and Technical Occupations

Industry	Occupation Group Jobs in Industry (2018)	% of Occupation Group in Industry (2018)	% of Total Jobs in Industry (2018)
General Medical and Surgical Hospitals	952	34.1%	3.4%
HMO Medical Centers	604	21.6%	2.6%
Offices of Physicians (except Mental Health Specialists)	318	11.4%	2.0%
Medical Laboratories	269	9.6%	10.3%
Hospitals (Local Government)	269	9.6%	2.7%

# 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