

# Occupation Overview

Emsi Q1 2019 Data Set

February 2019

## Contra Costa Community College District



# Parameters

## Occupations

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<b>Code</b>	<b>Description</b>
29-2018	Clinical Laboratory Technologists and Technicians
29-2041	Emergency Medical Technicians and Paramedics
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians

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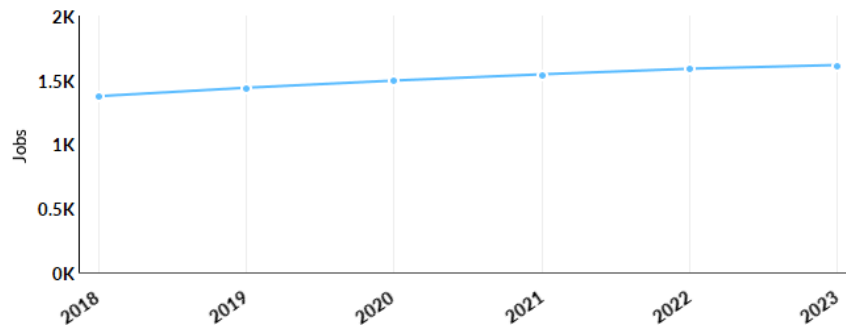


# Occupation Summary for 0-EMS

<b>1,372</b> Jobs (2018) 15% below National average	<b>17.7%</b> % Change (2018-2023) Nation: 8.5%	<b>\$23.20/hr</b> Median Hourly Earnings Nation: \$19.85/hr
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## Growth

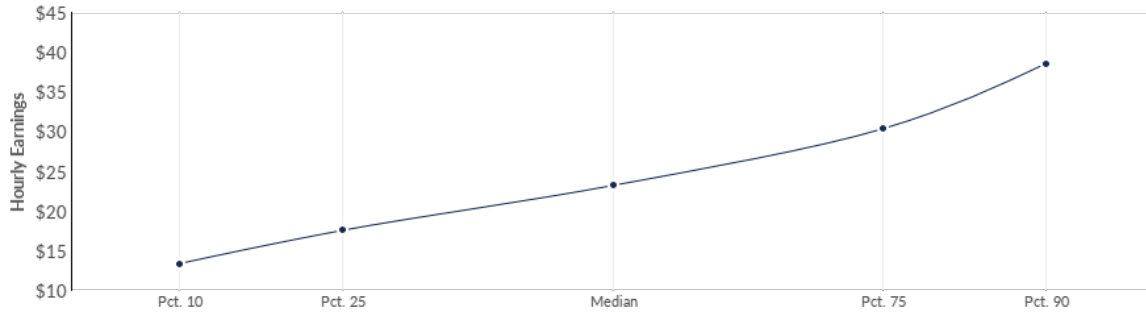
<b>1,372</b> 2018 Jobs	<b>1,615</b> 2023 Jobs	<b>243</b> Change (2018-2023)	<b>17.7%</b> % Change (2018-2023)
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Occupation	2018 Jobs	2023 Jobs	Change	% Change
Clinical Laboratory Technologists and Technicians (29-2018)	711	801	90	13%
Emergency Medical Technicians and Paramedics (29-2041)	647	794	147	23%
Ambulance Drivers and Attendants, Except Emergency Medical Technicians (53-3011)	14	20	6	43%

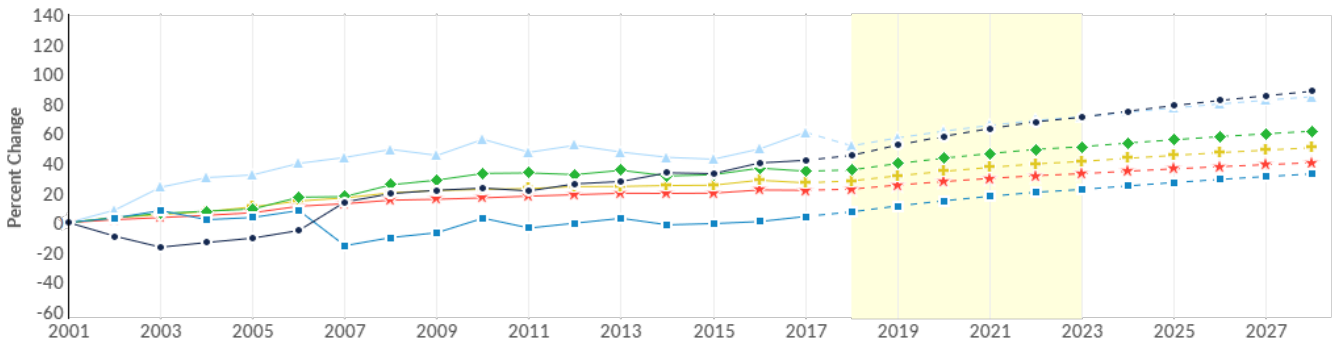
## Percentile Earnings

<b>\$17.55/hr</b> 25th Percentile Earnings	<b>\$23.20/hr</b> Median Earnings	<b>\$30.37/hr</b> 75th Percentile Earnings
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Clinical Laboratory Technologists and Technicians (29-2018)	\$21.32	\$26.25	\$32.62
Emergency Medical Technicians and Paramedics (29-2041)	\$14.74	\$18.64	\$26.64
Ambulance Drivers and Attendants, Except Emergency Medical Technicians (53-3011)	\$12.48	\$14.08	\$19.38

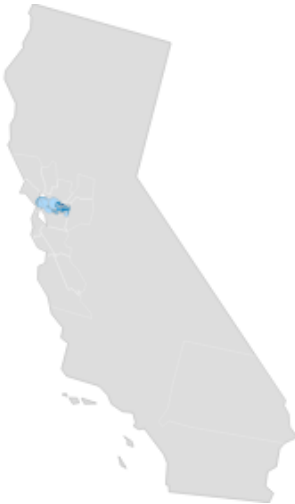
# Regional Trends



	Region	2018 Jobs	2023 Jobs	Change	% Change
●	Region	1,372	1,615	243	17.7%
■	Alameda County, CA	2,868	3,272	404	14.1%
▲	Solano County, CA	749	846	97	13.0%
◆	East County	167	187	20	12.0%
★	California	54,610	60,193	5,583	10.2%
×	United States	616,424	668,780	52,356	8.5%

# Regional Breakdown

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ZIP	2023 Jobs
Concord, CA 94520 (in Contra Costa county)	496
El Sobrante, CA 94803 (in Contra Costa county)	161
Walnut Creek, CA 94598 (in Contra Costa county)	158
Martinez, CA 94553 (in Contra Costa county)	124
Antioch, CA 94531 (in Contra Costa county)	101

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## Job Postings Summary

<p><b>305</b> Unique Postings</p> <p>1,155 Total Postings</p>	<p><b>4 : 1</b> Posting Intensity</p> <p>Regional Average: 4 : 1</p> 	<p><b>31 days</b> Median Posting Duration</p> <p>Regional Average: 31 days</p>
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There were **1,155** total job postings for your selection from January 2018 to January 2019, of which **305** 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.

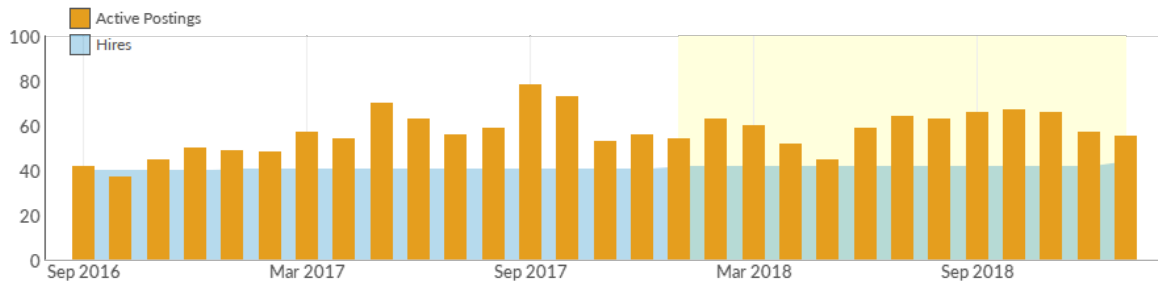
## Job Postings vs. Hires

**59**

**Avg. Monthly Postings (Jan 2018 - Jan 2019)**

**42**

**Avg. Monthly Hires (Jan 2018 - Jan 2019)**



<b>Occupation</b>	<b>Avg Monthly Postings (Jan 2018 - Jan 2019)</b>	<b>Avg Monthly Hires (Jan 2018 - Jan 2019)</b>
Clinical Laboratory Technologists and Technicians	42	17
Emergency Medical Technicians and Paramedics	17	25
Ambulance Drivers and Attendants, Except Emergency Medical Technicians	0	0

# Occupation Gender Breakdown

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	<b>Gender</b>	<b>2018 Jobs</b>	<b>2018 Percent</b>	
•	Males	672	49.0%	
•	Females	700	51.0%	

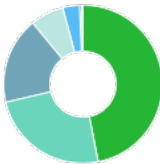
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# Occupation Age Breakdown



	Age	2018 Jobs	2018 Percent
●	14-18	1	0.1%
●	19-24	146	10.6% █
●	25-34	408	29.8% █
●	35-44	339	24.7% █
●	45-54	263	19.1% █
●	55-64	177	12.9% █
●	65+	38	2.8% █

# Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2018 Jobs	2018 Percent
●	White	644	46.9%
●	Asian	334	24.4%
●	Hispanic or Latino	244	17.8%
●	Black or African American	94	6.8%
●	Two or More Races	47	3.4%
●	Native Hawaiian or Other Pacific Islander	6	0.4%
●	American Indian or Alaska Native	4	0.3%

## Occupational Programs

<b>4</b> Programs (2017)		<b>128</b> Completions (2017)	<b>113</b> Openings (2017)
CIP Code	Program	Completions (2017)	
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	112	
51.0810	Emergency Care Attendant (EMT Ambulance)	11	
51.0000	Health Services/Allied Health/Health Sciences, General	5	
51.1004	Clinical/Medical Laboratory Technician	0	

## Industries Employing 0-EMS

Industry	Occupation Group Jobs in Industry (2018)	% of Occupation Group in Industry (2018)	% of Total Jobs in Industry (2018)
Ambulance Services	449	32.7%	60.0%
General Medical and Surgical Hospitals	273	19.9%	2.9%
HMO Medical Centers	111	8.1%	1.4%
Local Government, Excluding Education and Hospitals	105	7.7%	0.7%
Hospitals (Local Government)	100	7.3%	3.1%

# 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