

Occupation Overview

Emsi Q1 2018 Data Set

March 2018

Ventura County Community College District



4667 Telegraph Road
Ventura, California 93003
805.648.8976

Parameters

Occupations

Code	Description
17-3013	Mechanical Drafters

Regions

Code	Description
6037	Los Angeles County, CA
6111	Ventura County, CA

Timeframe

2017 - 2022

Datarun

2018.1 – QCEW Employees, Non-QCEW Employees, and Self-Employed

Mechanical Drafters in 2 California Counties

Mechanical Drafters (SOC 17-3013):

Prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods, and other engineering information.

Sample of Reported Job Titles:

Mechanical Designer

Design Drafter

Tool Design Drafter

Mechanical Drafter

Drafting Technician

Drafter

Project Designer

Product Designer

Installation Drafter

Designer

Related O*NET Occupation:

Mechanical Drafters (17-3013.00)

Occupation Summary for Mechanical Drafters

<p>1,119 Jobs (2017) 49% below National average</p>	<p>-6.0% % Change (2017-2022) Nation: 0.0%</p>	<p>\$26.40/hr Median Hourly Earnings Nation: \$26.32/hr</p>
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Growth for Mechanical Drafters (17-3013)

1,119

2017 Jobs

1,052

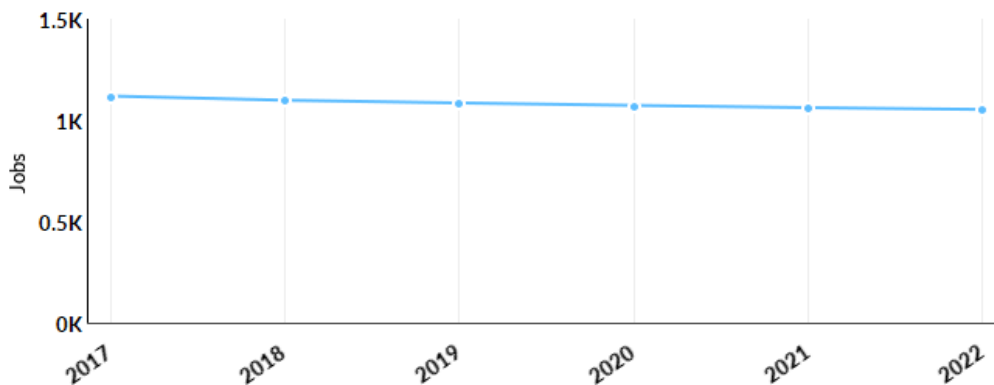
2022 Jobs

-67

Change (2017-2022)

-6.0%

% Change (2017-2022)



Percentile Earnings for Mechanical Drafters (17-3013)

\$21.68/hr

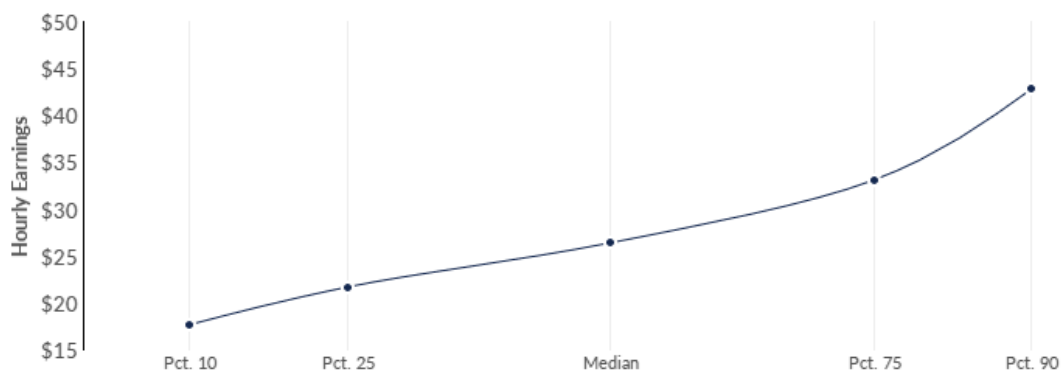
25th Percentile Earnings

\$26.40/hr

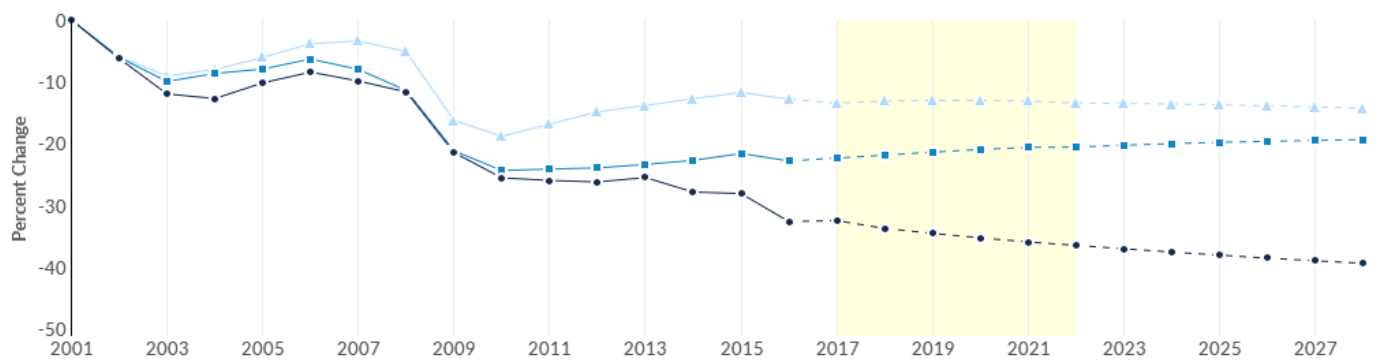
Median Earnings

\$33.09/hr

75th Percentile Earnings

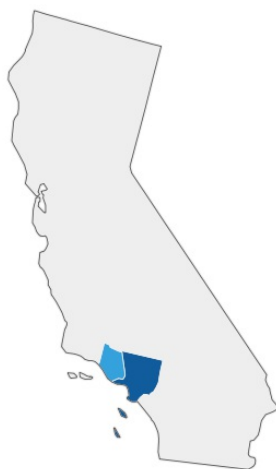


Regional Trends



Region	2017 Jobs	2022 Jobs	Change	% Change
● Region	1,119	1,052	-67	-6.0%
■ State	4,450	4,552	102	2.3%
▲ Nation	65,515	65,502	-13	0.0%

Regional Breakdown



County	2022 Jobs
Los Angeles County, CA	970
Ventura County, CA	83

Job Postings Summary

631

Unique Postings (Jan 2017 - Feb 2018)
3,197 Total Postings

5 : 1

Posting Intensity (Jan 2017 - Feb 2018)



There were 3,197 total job postings for your selection from January 2017 to February 2018, of which 631 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 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

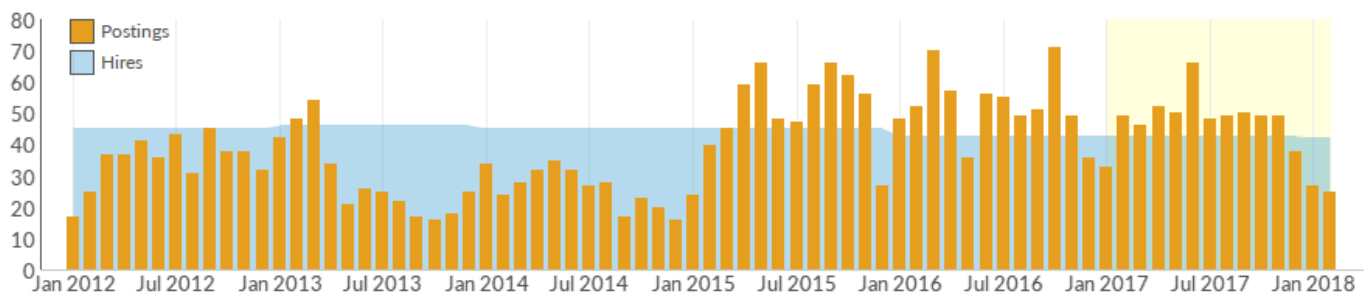
45

Avg. Monthly Postings (Jan 2017 - Feb 2018)

43

Avg. Monthly Hires (Jan 2017 - Feb 2018)

In an average month, there were 45 unique job postings for *Mechanical Drafters*, and 43 actually hired. This means there was approximately 1 hire for every 1 unique job posting for *Mechanical Drafters*.



Occupation	Avg Monthly Postings (Jan 2017 - Feb 2018)	Avg Monthly Hires (Jan 2017 - Feb 2018)
Mechanical Drafters	45	43

Occupation Gender Breakdown



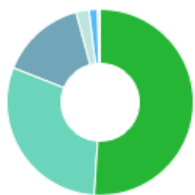
Gender	2017 Jobs	2017 Percent
● Males	906	81.0%
● Females	212	19.0%

Occupation Age Breakdown



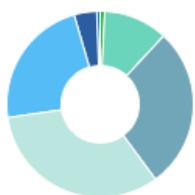
Age	2017 Jobs	2017 Percent
● 14-18	3	0.3%
● 19-24	72	6.5%
● 25-34	246	22.0%
● 35-44	216	19.3%
● 45-54	252	22.5%
● 55-64	237	21.1%
● 65+	93	8.3%

Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2017 Jobs	2017 Percent
White	571	51.0%
Hispanic or Latino	336	30.0%
Asian	165	14.8%
Black or African American	25	2.2%
Two or More Races	16	1.4%
American Indian or Alaska Native	3	0.3%
Native Hawaiian or Other Pacific Islander	3	0.3%

National Educational Attainment



Education Level	2017 Percent
Less than high school diploma	0.8%
High school diploma or equivalent	11.1%
Some college, no degree	28.0%
Associate's degree	32.8%
Bachelor's degree	22.8%
Master's degree	3.9%
Doctoral or professional degree	0.6%

Occupational Programs

1 Programs (2016)		19 Completions (2016)		97 Openings (2016)	
CIP Code	Program	Completions (2016)			
15.1306	Mechanical Drafting and Mechanical Drafting CAD/CADD	19			

Industries Employing Mechanical Drafters

Industry	Occupation Jobs in Industry (2017)	% of Occupation in Industry (2017)	% of Total Jobs in Industry (2017)
Engineering Services	194	17.3%	0.9%
Architectural Services	61	5.4%	0.6%
Temporary Help Services	57	5.1%	0.1%
Other Aircraft Parts and Auxiliary Equipment Manufacturing	43	3.9%	0.3%
Aircraft Manufacturing	40	3.5%	0.3%

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.

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; South Dakota Department of Labor, Labor Market Information Division