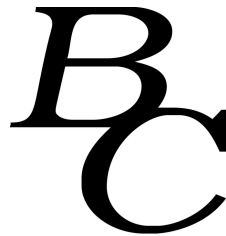


# Occupation Overview

Emsi Q4 2018 Data Set

October 2018

Bakersfield College



Bakersfield  
COLLEGE



1801 Panorama Drive  
Bakersfield, California 93305  
661.395.4921

# Parameters

## Occupations

Code	Description
49-9041	Industrial Machinery Mechanics
49-9071	Maintenance and Repair Workers, General
49-9043	Maintenance Workers, Machinery
49-9069	Precision Instrument and Equipment Repairers, All Other

## Regions

Code	Description
6029	Kern County, CA

## Timeframe

2018 - 2023

## Datarun

2018.4 - QCEW Employees, Non-QCEW Employees, and Self-Employed

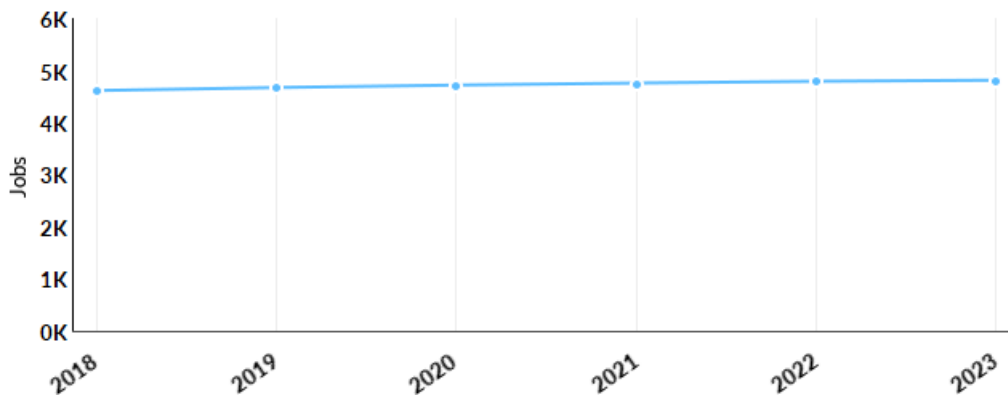
## 4 Installation, Maintenance, and Repair Occupations in Kern County, CA

### Occupation Summary for 4 Installation, Maintenance, and Repair Occupations

<p>4,609 Jobs (2018) 5% above National average</p>	<p>+4.3% % Change (2018-2023) Nation: +6.1%</p>	<p>\$21.59/hr Median Hourly Earnings Nation: \$19.42/hr</p>
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### Growth

4,609 2018 Jobs	4,807 2023 Jobs	198 Change (2018-2023)	4.3% % Change (2018-2023)
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Occupation	2018 Jobs	2023 Jobs	Change	% Change
Industrial Machinery Mechanics (49-9041)	1,219	1,246	27	2%
Maintenance Workers, Machinery (49-9043)	359	367	8	2%
Precision Instrument and Equipment Repairers, All Other (49-9069)	30	30	0	0%
Maintenance and Repair Workers, General (49-9071)	3,001	3,164	163	5%

## Percentile Earnings

\$15.42/hr

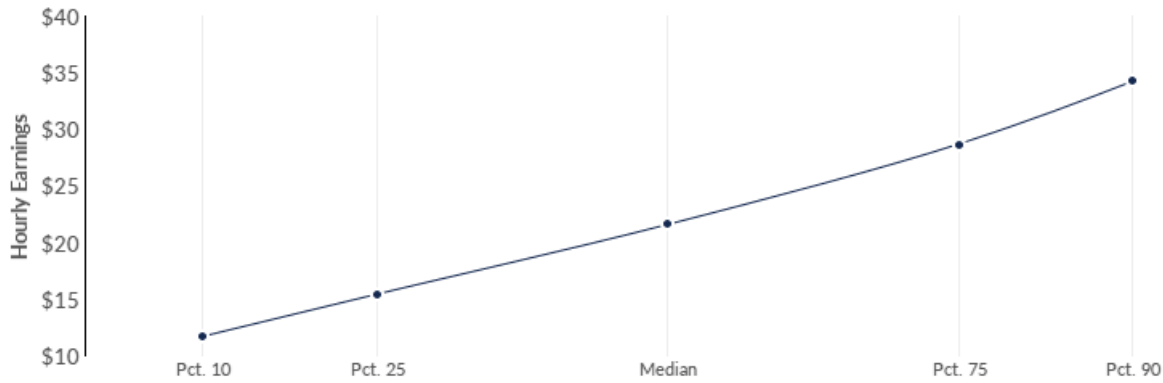
25th Percentile Earnings

\$21.59/hr

Median Earnings

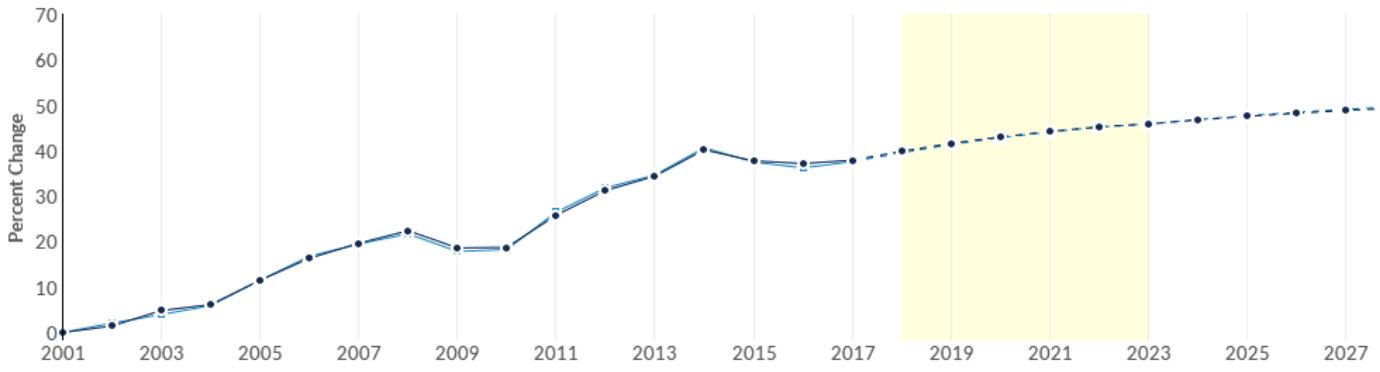
\$28.70/hr

75th Percentile Earnings



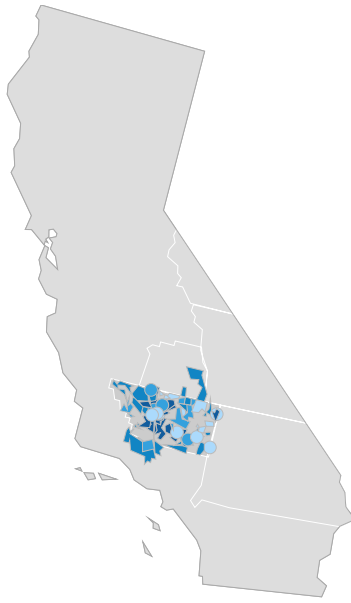
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Industrial Machinery Mechanics (49-9041)	\$21.89	\$28.20	\$34.54
Maintenance Workers, Machinery (49-9043)	\$14.29	\$21.54	\$27.76
Precision Instrument and Equipment Repairers, All Other (49-9069)	\$26.61	\$32.62	\$38.64
Maintenance and Repair Workers, General (49-9071)	\$13.82	\$18.83	\$25.73

# Regional Trends




Region	2018 Jobs	2023 Jobs	Change	% Change
● Region	4,609	4,807	198	4.3%
■ BC Service Area DEMOGRAPHIC	3,311	3,462	151	4.6%
▲ Kern County	4,609	4,807	198	4.3%

## Regional Breakdown



ZIP	2023 Jobs
Bakersfield, CA 93308 (in Kern county)	745
Bakersfield, CA 93307 (in Kern county)	347
Bakersfield, CA 93313 (in Kern county)	343
Bakersfield, CA 93309 (in Kern county)	334
Bakersfield, CA 93301 (in Kern county)	286

## Job Postings Summary

<p>737 Unique Postings 2,865 Total Postings</p>	<p>4 : 1 Posting Intensity  Regional Average: 4 : 1</p>	<p>36 days Median Posting Duration Regional Average: 31 days</p>
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There were 2,865 total job postings for your selection from January 2018 to September 2018, of which 737 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

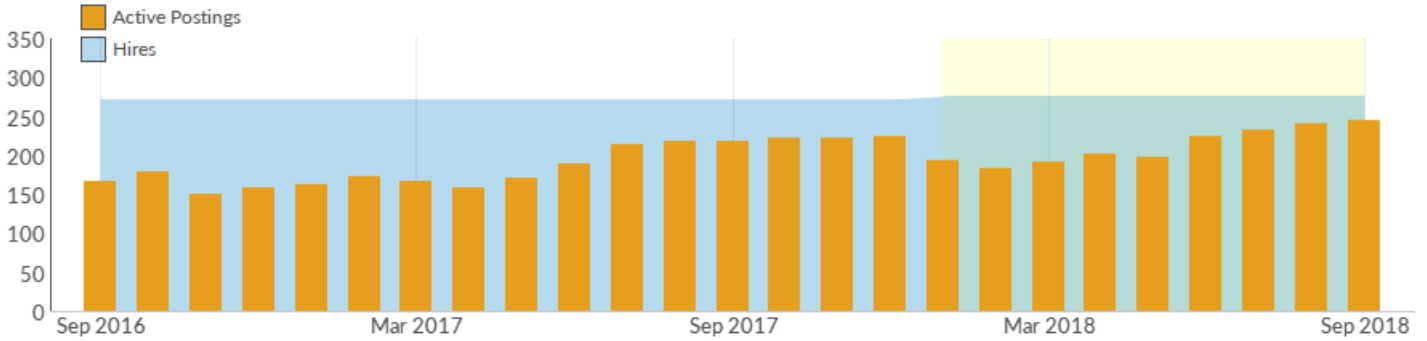
212

Avg. Monthly Postings (Jan 2018 - Sep 2018)

276

Avg. Monthly Hires (Jan 2018 - Sep 2018)

In an average month, there were 212 active job postings for 4 Occupations, and 276 actually hired. This means there was approximately 1 hire for 4 Occupations for every 1 active job posting.



Occupation	Avg Monthly Postings (Jan 2018 - Sep 2018)	Avg Monthly Hires (Jan 2018 - Sep 2018)
Maintenance and Repair Workers, General	187	186
Industrial Machinery Mechanics	25	59
Maintenance Workers, Machinery	0	30
Precision Instrument and Equipment Repairers, All Other	0	0

## Occupation Gender Breakdown



Gender	2018 Jobs	2018 Percent
● Males	4,445	96.4%
● Females	164	3.6%

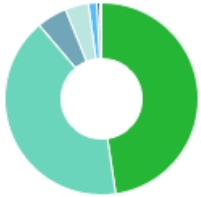


## Occupation Age Breakdown



Age	2018 Jobs	2018 Percent
14-18	11	0.2%
19-24	237	5.1%
25-34	797	17.3%
35-44	1,014	22.0%
45-54	1,261	27.4%
55-64	1,015	22.0%
65+	275	6.0%

## Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2018 Jobs	2018 Percent
White	2,197	47.7%
Hispanic or Latino	1,897	41.2%
Asian	233	5.1%
Black or African American	180	3.9%
Two or More Races	65	1.4%
American Indian or Alaska Native	24	0.5%
Native Hawaiian or Other Pacific Islander	13	0.3%

## Occupational Programs

2 Programs (2017)	0 Completions (2017)	489 Openings (2017)
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CIP Code	Program	Completions (2017)
46.0401	Building/Property Maintenance	0
47.0303	Industrial Mechanics and Maintenance Technology	0

## Industries Employing 4 Installation, Maintenance, and Repair Occupations

Industry	Occupation Group Jobs in Industry (2018)	% of Occupation Group in Industry (2018)	% of Total Jobs in Industry (2018)
Local Government, Excluding Education and Hospitals	401	8.7%	3.0%
Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	281	6.1%	25.6%
Elementary and Secondary Schools (Local Government)	224	4.9%	0.9%
Crop Production	199	4.3%	1.0%
Offices of Real Estate Agents and Brokers	122	2.6%	13.2%

# 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