

Occupation Overview

Industrial Health & Safety Related Occupations in Kern

EMSI Q2 2015 Data Set



Taft College



29 Emmons Park Drive
Taft, California 93268
661.763.7700

Parameters

Occupations

Code	Description
13-1041	Compliance Officers
29-9011	Occupational Health and Safety Specialists
29-9012	Occupational Health and Safety Technicians

Regions

Code	Description
6029	Kern County, CA

Timeframe

2016 - 2017

Datarun

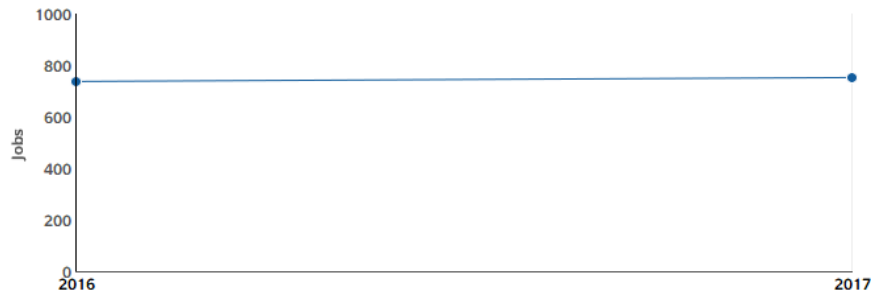
2015.2 – QCEW Employees, Non-QCEW Employees, Self-Employed, and Extended Proprietors

Occupation Summary for Industrial Health & Safety

721 Jobs (2015) 6% below National average	2.1% % Change (2016-2017) Nation: 1.2%	\$34.73/hr Median Hourly Earnings Nation: \$31.14/hr
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Growth

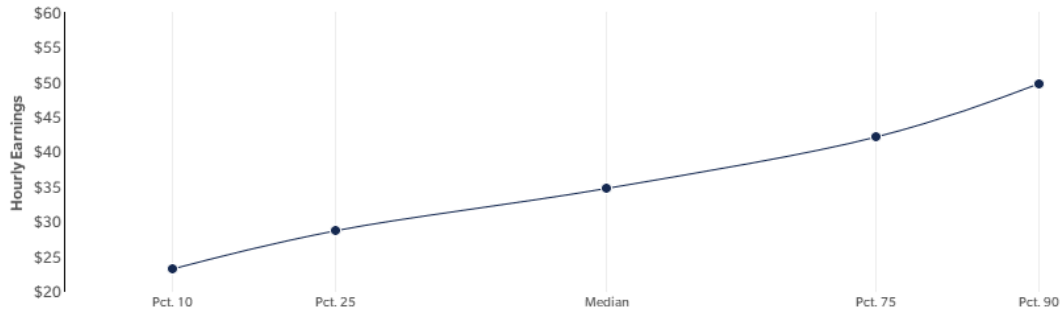
739 2016 Jobs	754 2017 Jobs	15 Change (2016-2017)	2.1% % Change (2016-2017)
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Occupation	2016 Jobs	2017 Jobs	Change	% Change
Compliance Officers (13-1041)	374	381	7	2%
Occupational Health and Safety Specialists (29-9011)	326	333	7	2%
Occupational Health and Safety Technicians (29-9012)	39	41	2	5%

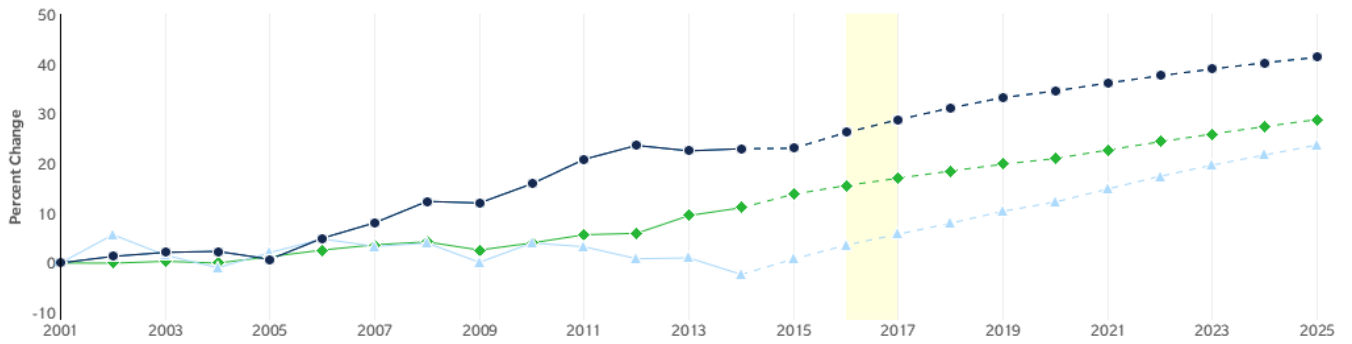
Percentile Earnings

\$28.67/hr 25th Percentile Earnings	\$34.73/hr Median Earnings	\$42.14/hr 75th Percentile Earnings
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Compliance Officers (13-1041)	\$29.60	\$34.79	\$43.01
Occupational Health and Safety Specialists (29-9011)	\$28.77	\$35.96	\$42.79
Occupational Health and Safety Technicians (29-9012)	\$18.70	\$23.46	\$27.98

Regional Trends



	Region	2016 Jobs	2017 Jobs	Change	% Change
●	Region	739	754	15	2.0%
●	Kern County	739	754	15	2.0%
●	Tulare County, CA	134	137	3	2.2%
●	California	40,053	40,564	511	1.3%

Regional Breakdown





* Highlighted areas show counties that contain the selected zip codes

ZIP	2017 Jobs
Bakersfield, CA 93301 (in Kern county)	152
Bakersfield, CA 93308 (in Kern county)	100
Ridgecrest, CA 93555 (in Kern county)	74
Bakersfield, CA 93309 (in Kern county)	43
Bakersfield, CA 93307 (in Kern county)	34

Occupation Gender Breakdown



	Gender	2015 Jobs	2015 Percent	
•	Males	410	56.8%	
•	Females	311	43.2%	

Occupation Age Breakdown



	Age	2015 Jobs	2015 Percent
●	14-18	1	0.2%
●	19-24	40	5.6% ■
●	25-34	152	21.1% ■■
●	35-44	164	22.8% ■■■
●	45-54	172	23.9% ■■■■
●	55-64	154	21.4% ■■■■
●	65+	36	5.1% ■

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2015 Jobs	2015 Percent
●	White	417	57.9%
●	Hispanic or Latino	163	22.7%
●	Asian	67	9.3%
●	Black or African American	52	7.2%
●	Two or More Races	12	1.7%
●	American Indian or Alaska Native	6	0.8%
●	Native Hawaiian or Other Pacific Islander	3	0.4%

Occupational Programs

2		37		22	
Programs (2014)		Completions (2014)		Openings (2014)	
CIP Code	Program	Completions (2014)			
51.0000	Health Services/Allied Health/Health Sciences, General	36			
15.0703	Industrial Safety Technology/Technician	1			

Industries Employing Industrial Health & Safety

Industry	Occupation Group Jobs in Industry (2015)	% of Occupation Group in Industry (2015)	% of Total Jobs in Industry (2015)
Federal Government, Civilian, Excluding Postal Service	198	27.5%	2.2%
State Government, Excluding Education and Hospitals	69	9.6%	1.0%
Local Government, Excluding Education and Hospitals	65	9.1%	0.5%
Support Activities for Oil and Gas Operations	36	5.0%	0.6%
Crude Petroleum and Natural Gas Extraction	27	3.7%	0.5%

Appendix A - Data Sources and Calculations

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.

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.

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.

Completers Data

The completers 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.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Industry Data

EMSI industry data have various sources depending on the class of worker. (1) For QCEW Employees, EMSI primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

State Data Sources

This report uses state data from the following agencies: California Labor Market Information Department