

# Occupation Overview

Information Technology & Management and 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
15-1134	Web Developers
15-1151	Computer User Support Specialists
15-1152	Computer Network Support Specialists
43-9011	Computer Operators

---

## Regions

---

Code	Description
6029	Kern County, CA

---

## Timeframe

2016 - 2017

## Datarun

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

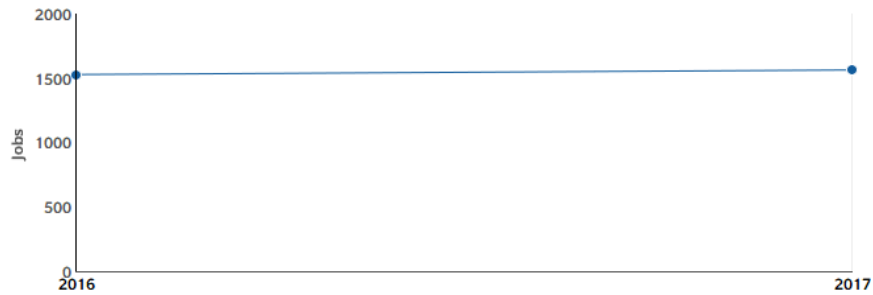


## Occupation Summary for Information Technology & Management

<b>1,490</b> Jobs (2015) 44% below National average	<b>2.3%</b> % Change (2016-2017) Nation: 1.7%	<b>\$24.80/hr</b> Median Hourly Earnings Nation: \$23.99/hr
---	---	---

## Growth

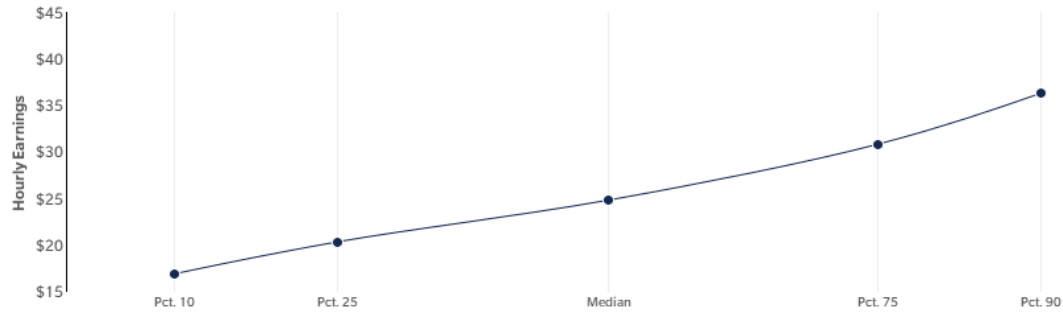
<b>1,532</b> 2016 Jobs	<b>1,567</b> 2017 Jobs	<b>35</b> Change (2016-2017)	<b>2.3%</b> % Change (2016-2017)
---------------------------	---------------------------	---------------------------------	-------------------------------------



Occupation	2016 Jobs	2017 Jobs	Change	% Change
Web Developers (15-1134)	245	252	7	3%
Computer User Support Specialists (15-1151)	1,007	1,029	22	2%
Computer Network Support Specialists (15-1152)	190	195	5	3%
Computer Operators (43-9011)	89	91	2	2%

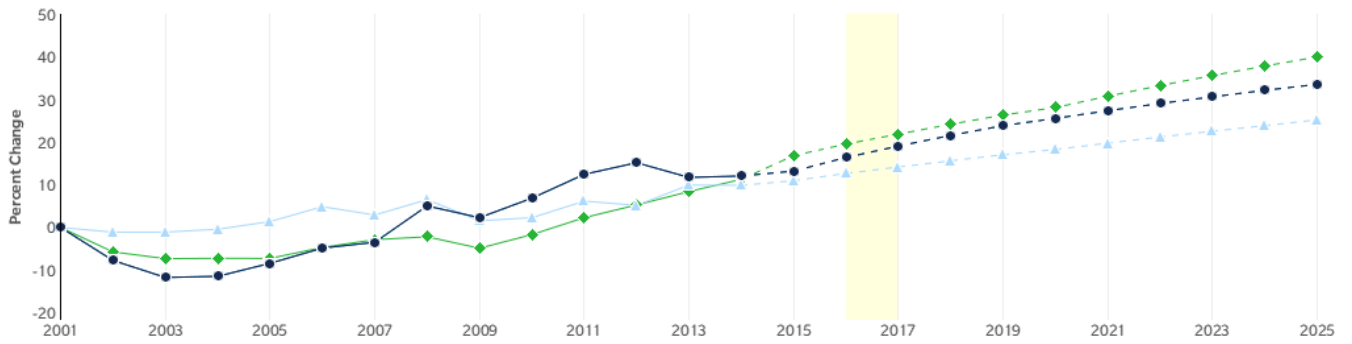
## Percentile Earnings

<b>\$20.31/hr</b> 25th Percentile Earnings	<b>\$24.80/hr</b> Median Earnings	<b>\$30.84/hr</b> 75th Percentile Earnings
---	--------------------------------------	---



Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Web Developers (15-1134)	\$15.32	\$17.13	\$22.66
Computer User Support Specialists (15-1151)	\$20.82	\$25.93	\$32.54
Computer Network Support Specialists (15-1152)	\$24.06	\$28.71	\$33.97
Computer Operators (43-9011)	\$19.85	\$24.09	\$26.66

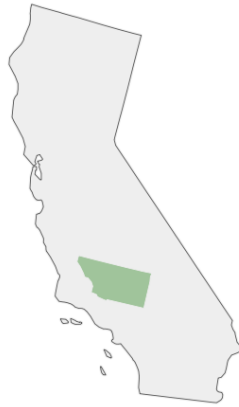
# Regional Trends



	Region	2016 Jobs	2017 Jobs	Change	% Change
●	Region	1,532	1,567	35	2.3%
●	Kern County	1,532	1,567	35	2.3%
●	Tulare County, CA	584	591	7	1.2%
●	California	157,591	160,675	3,084	2.0%

## Regional Breakdown

---



\* Highlighted areas show counties that contain the selected zip codes

---

<b>ZIP</b>	<b>2017 Jobs</b>
Bakersfield, CA 93301 (in Kern county)	298
Bakersfield, CA 93309 (in Kern county)	202
Bakersfield, CA 93308 (in Kern county)	163
Bakersfield, CA 93311 (in Kern county)	113
Ridgecrest, CA 93555 (in Kern county)	84

---




# Occupation Gender Breakdown

---



---

	Gender	2015 Jobs	2015 Percent	
•	Males	1,014	68.1%	
•	Females	476	31.9%	

---

# Occupation Age Breakdown



	Age	2015 Jobs	2015 Percent
●	14-18	7	0.5%
●	19-24	162	10.9% █
●	25-34	424	28.4% █
●	35-44	371	24.9% █
●	45-54	307	20.6% █
●	55-64	179	12.0% █
●	65+	40	2.7%

## Occupation Race/Ethnicity Breakdown

---




---

	Race/Ethnicity	2015 Jobs	2015 Percent	
●	White	871	58.5%	<div style="width: 58.5%;"></div>
●	Hispanic or Latino	286	19.2%	<div style="width: 19.2%;"></div>
●	Asian	194	13.0%	<div style="width: 13.0%;"></div>
●	Black or African American	92	6.2%	<div style="width: 6.2%;"></div>
●	Two or More Races	31	2.1%	<div style="width: 2.1%;"></div>
●	American Indian or Alaska Native	13	0.8%	<div style="width: 0.8%;"></div>
●	Native Hawaiian or Other Pacific Islander	3	0.2%	<div style="width: 0.2%;"></div>

---

## Occupational Programs

<b>11</b> Programs (2014)		<b>59</b> Completions (2014)	<b>39</b> Openings (2014)
<b>CIP Code</b>	<b>Program</b>	<b>Completions (2014)</b>	
11.0701	Computer Science	29	
11.0103	Information Technology	11	
11.0801	Web Page, Digital/Multimedia and Information Resources Design	8	
11.1006	Computer Support Specialist	7	
14.0901	Computer Engineering, General	4	

## Industries Employing Information Technology & Management

---

Industry	Occupation Group Jobs in Industry (2015)	% of Occupation Group in Industry (2015)	% of Total Jobs in Industry (2015)
Elementary and Secondary Schools (Local Government)	128	8.6%	0.5%
Custom Computer Programming Services	118	7.9%	16.9%
Computer Systems Design Services	85	5.7%	14.6%
Corporate, Subsidiary, and Regional Managing Offices	81	5.4%	2.1%
Colleges, Universities, and Professional Schools (Local Government)	79	5.3%	2.9%

# 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