

Occupation Overview

Emsi Q3 2018 Data Set

August 2018

900 Rancho San Diego Pky
California 92019

Parameters

Occupations

Code	Description
15-1134	Web Developers

Regions

Code	Description
41740	San Diego-Carlsbad, CA

Timeframe

2018 - 2028

Datarun

2018.3 – QCEW Employees, Non-QCEW Employees, and Self-Employed

Web Developers in San Diego-Carlsbad, CA

Web Developers (SOC 15-1134):

Design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity. May integrate Web sites with other computer applications. May convert written, graphic, audio, and video components to compatible Web formats by using software designed to facilitate the creation of Web and multimedia content. Excludes 'Multimedia Artists and Animators' (27-1014).

Sample of Reported Job Titles:

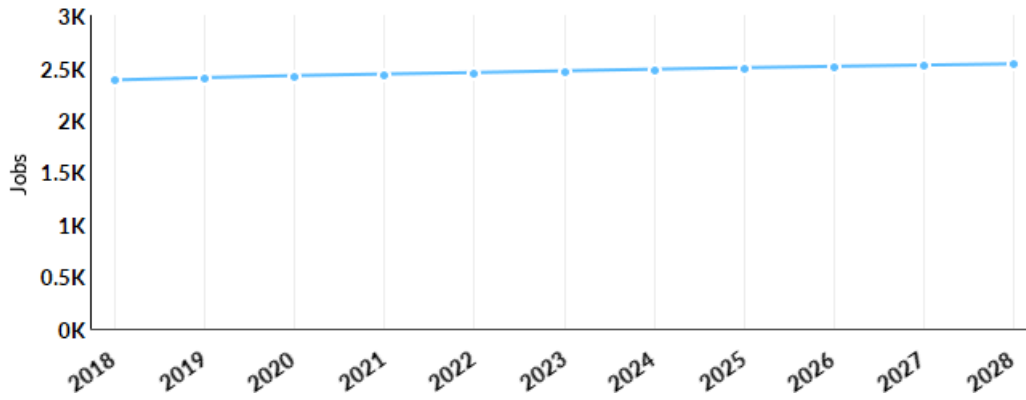
Web Developer
Web Designer
Webmaster
Web Architect
Web Development Instructor
Web Development Director
Web Design Specialist
Technology Applications Engineer
Designer
Web Content Developer
Related O*NET Occupation:
Web Developers (15-1134.00)

Occupation Summary for Web Developers

<p>2,379 Jobs (2018) 32% above National average</p>	<p>+6.5% % Change (2018-2028) Nation: +14.8%</p>	<p>\$20.88/hr Median Hourly Earnings Nation: \$28.08/hr</p>
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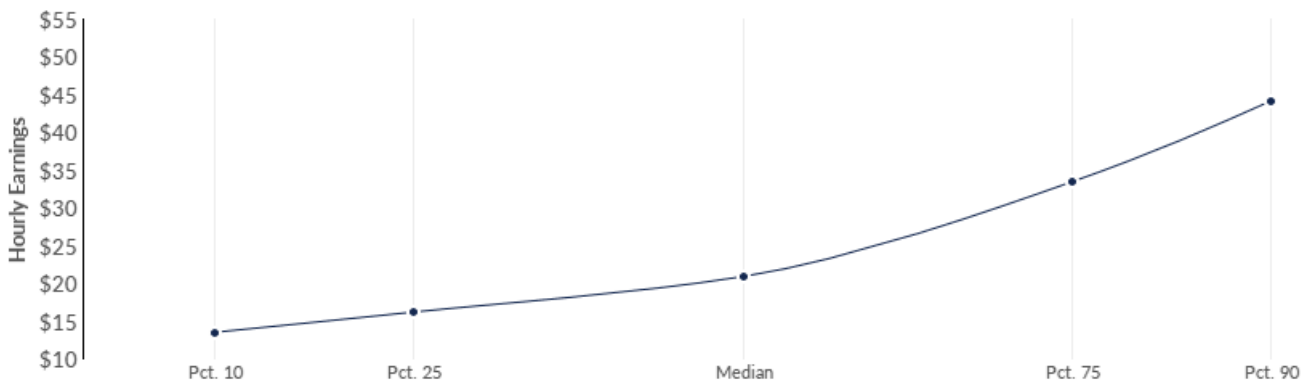
Growth for Web Developers (15-1134)

2,379 2018 Jobs	2,533 2028 Jobs	154 Change (2018-2028)	6.5% % Change (2018-2028)
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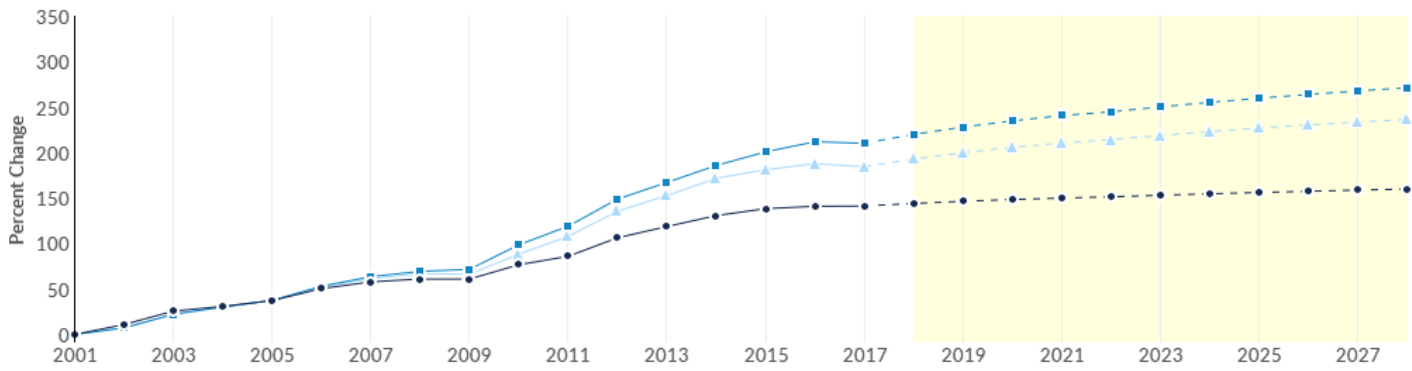


Percentile Earnings for Web Developers (15-1134)

\$16.17/hr 25th Percentile Earnings	\$20.88/hr Median Earnings	\$33.48/hr 75th Percentile Earnings
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Regional Trends



Region	2018 Jobs	2028 Jobs	Change	% Change
● Region	2,379	2,533	154	6.5%
■ State	28,588	33,174	4,586	16.0%
▲ Nation	170,053	195,305	25,252	14.8%

Regional Breakdown



County	2028 Jobs
San Diego County, CA	2,533

Job Postings Summary

<p>2,903</p> <p>Unique Postings</p> <p>10,777 Total Postings</p>	<p>4 : 1</p> <p>Posting Intensity</p> <p>Regional Average: 5 : 1</p>	<p>31 days</p> <p>Median Posting Duration</p> <p>Regional Average: 33 days</p>
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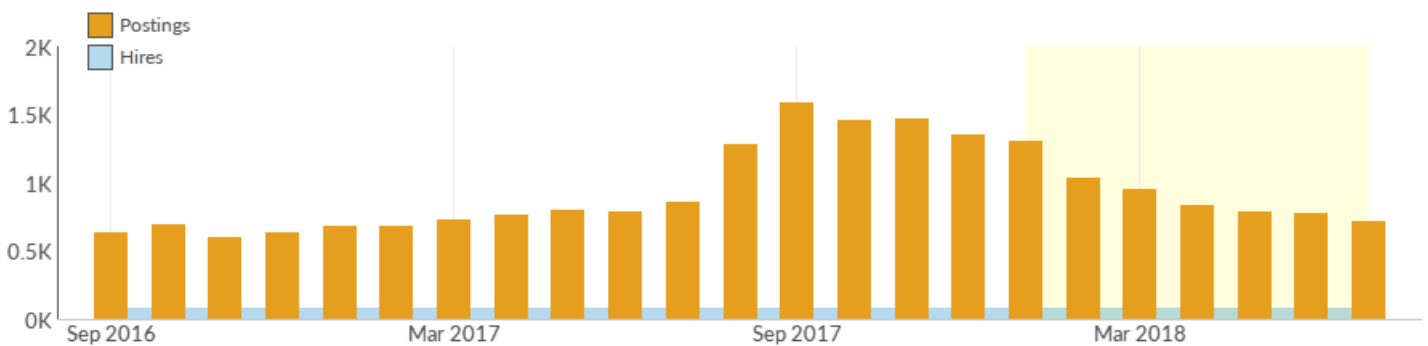
There were 10,777 total job postings for your selection from January 2018 to July 2018, of which 2,903 were unique. These numbers give us a Posting Intensity of 4-to-1, meaning that for every 4 postings there is 1 unique job posting.

This is lower than the Posting Intensity for all other occupations and companies in the region (5-to-1), indicating that they may not be trying as hard to hire for this position.

Job Postings vs. Hires

<p>913</p> <p>Avg. Monthly Postings (Jan 2018 - Jul 2018)</p>	<p>83</p> <p>Avg. Monthly Hires (Jan 2018 - Jul 2018)</p>
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In an average month, there were 913 unique job postings for *Web Developers*, and 83 actually hired. This means there was approximately 1 hire for every 11 unique job postings for *Web Developers*.



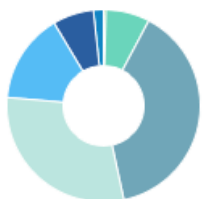
Occupation	Avg Monthly Postings (Jan 2018 - Jul 2018)	Avg Monthly Hires (Jan 2018 - Jul 2018)
Web Developers	913	83

Occupation Gender Breakdown



Gender	2017 Jobs	2017 Percent
● Males	1,652	70.3%
● Females	699	29.7%

Occupation Age Breakdown



Age	2017 Jobs	2017 Percent
● 14-18	9	0.4%
● 19-24	173	7.3%
● 25-34	914	38.9%
● 35-44	699	29.7%
● 45-54	354	15.1%
● 55-64	162	6.9%
● 65+	40	1.7%

Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2017 Jobs	2017 Percent
White	1,452	61.8%
Asian	399	17.0%
Hispanic or Latino	338	14.4%
Two or More Races	81	3.5%
Black or African American	71	3.0%
American Indian or Alaska Native	5	0.2%
Native Hawaiian or Other Pacific Islander	4	0.2%

National Educational Attainment



Education Level	2017 Percent
Less than high school diploma	0.6%
High school diploma or equivalent	4.8%
Some college, no degree	15.5%
Associate's degree	9.7%
Bachelor's degree	54.0%
Master's degree	13.8%
Doctoral or professional degree	1.6%

Occupational Programs

14 Programs (2017)	2,343 Completions (2017)	190 Openings (2017)
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CIP Code	Program	Completions (2017)
11.0701	Computer Science	1,448
14.0901	Computer Engineering, General	245
11.1003	Computer and Information Systems Security/Information Assurance	144
11.0201	Computer Programming/Programmer, General	112
11.0901	Computer Systems Networking and Telecommunications	103

Industries Employing Web Developers

Industry	Occupation Jobs in Industry (2017)	% of Occupation in Industry (2017)	% of Total Jobs in Industry (2017)
Custom Computer Programming Services	441	18.7%	3.2%
Computer Systems Design Services	274	11.7%	3.3%
Internet Publishing and Broadcasting and Web Search Portals	87	3.7%	5.0%
Corporate, Subsidiary, and Regional Managing Offices	75	3.2%	0.4%
Software Publishers	57	2.4%	1.2%

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