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ELECTRICIANS & PLUMBERS

2008-2018 OCCUPATIONAL GROWTH PROJECTIONS

REPORT FOR IRVINE VALLEY COLLEGE

JANUARY 2009



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Introduction

This report explores two construction occupations in Orange County, Los Angeles County, and San Bernardino County, California. The 2008-2018 growth projections for both occupations in the aforementioned three counties are compared. The construction occupations are (1) electricians and (2) plumbers, pipefitters, and steamfitters. The reports is aimed at assisting Irvine Valley College administration in decision-making regarding future educational and training programs that would be appropriate and timely considering industry composition and employment projections.

This report contains information that was compiled from the InfoUSA employer listings. Occupational projections data was provided by Economic Modeling Specialists Inc. (EMSI).

All data comes from secondary sources. No primary research (interviews or surveys) was conducted nor was any industry validation performed to compile the data herein.

About the Centers of Excellence

The Centers of Excellence (COE) are part of the Business and Workforce Performance Improvement (BWPI) initiative within the California Community College's Economic and Workforce Development Network. The regional COEs are focused on building the capacity of the community colleges in the area of economic and workforce development to enhance their ability to deliver education and training services to businesses and workers in high growth industries, new technologies, and other clusters of opportunities. Centers provide market intelligence regarding workforce trends, increasing awareness and visibility about the colleges economic and workforce development programs and services, and strategically develop partnerships with business and industry. More information about the Centers is available online at www.coecc.net.

Important Disclaimer

All representations included in this report have been produced from a secondary review of publicly and/or privately available data and/or research reports. Efforts have been made to qualify and validate the accuracy of the data and the reported findings. However, neither the Business and Workforce Performance Improvement, Centers of Excellence, COE host District or California Community Colleges Chancellor's Office are responsible for applications or decisions made by recipient community colleges or their representatives based upon this study including components or recommendations.

Report Scope

This Occupational Profile Report provides occupational projections and percentage change of employment between 2008-2018 for electricians and plumbers, pipefitters, and steamfitters.

This report includes data for Orange County, Los Angeles County, and San Bernardino County.

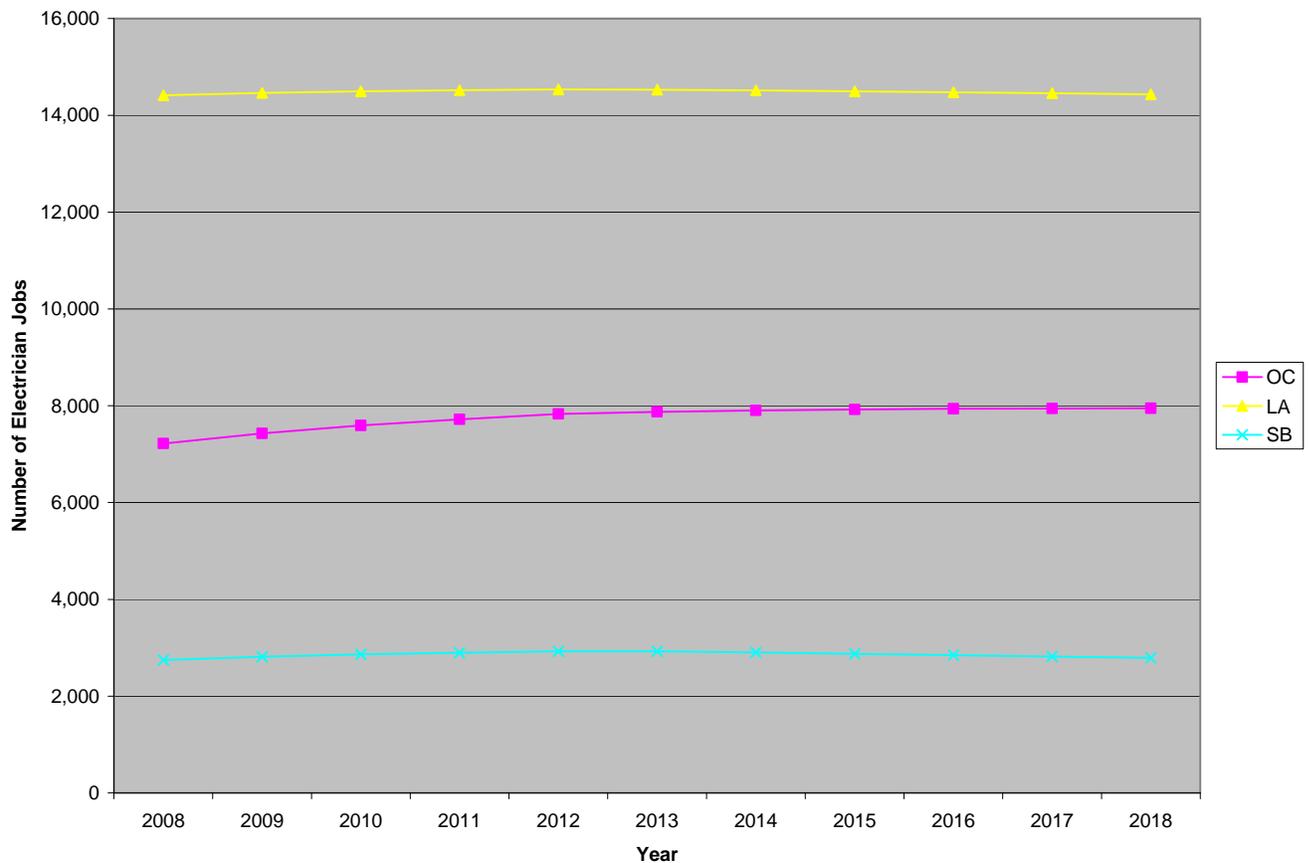
Occupational Information

This section reviews the occupational growth of electricians (SOC 47-2111) and plumbers, pipefitters, and steamfitters (47-2152).

Electricians

Between 2008-2018, Orange County can expect a 10% change in increase; Los Angeles County a 0% change in increase; and San Bernardino a 2% change in increase for electrician jobs. Combined, the growth in these three regions equates to 788 new jobs over the 10-year period.

Occupational Growth Projections (2008-2018)



County	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Change	% Change
OC	7,220	7,428	7,591	7,721	7,828	7,873	7,901	7,922	7,936	7,943	7,945	725	10%
LA	14,414	14,460	14,494	14,519	14,537	14,532	14,516	14,498	14,478	14,457	14,433	19	0%
SB	2,746	2,814	2,863	2,898	2,923	2,923	2,899	2,874	2,848	2,819	2,790	44	2%

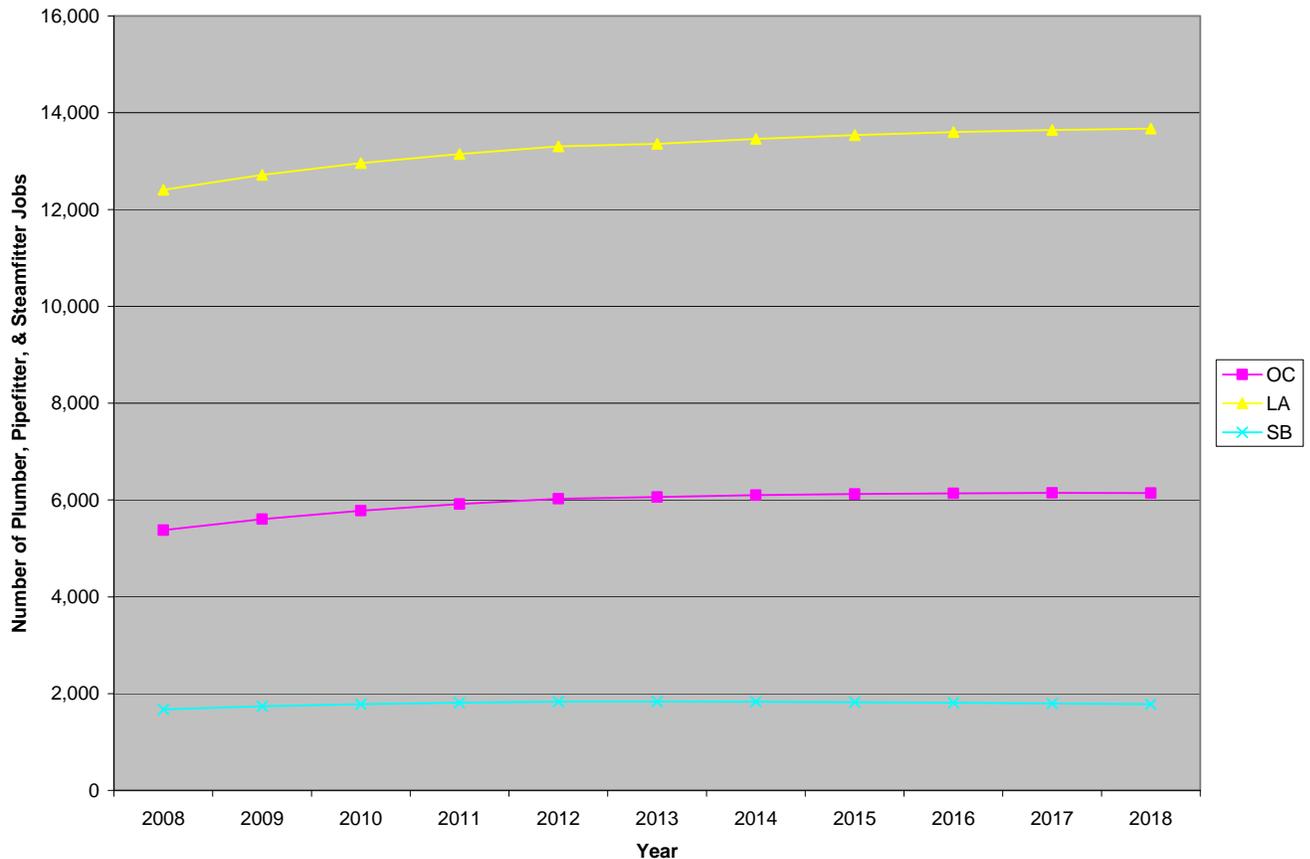
Source: EMSI Complete Employment - Fall 2008

OC = Orange County, LA = Los Angeles County, & SB = San Bernardino County

Plumbers, Pipefitters, and Steamfitters

Between 2008-2018, Orange County can expect a 14% change in increase; Los Angeles County a 10% change in increase; and San Bernardino County a 6% change in increase in jobs for plumbers, pipefitters, and steamfitters. Combined, the growth in these three regions equates to 2,146 new jobs over the 10-year period.

Occupational Growth Projections (2008-2018)



County	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Change	% Change
OC	5,375	5,605	5,780	5,916	6,024	6,058	6,097	6,124	6,139	6,145	6,143	768	14%
LA	12,403	12,717	12,959	13,149	13,302	13,356	13,457	13,537	13,598	13,643	13,673	1,270	10%
SB	1,674	1,735	1,779	1,811	1,835	1,836	1,830	1,821	1,810	1,797	1,782	108	6%

Source: EMSI Complete Employment - Fall 2008

OC = Orange County, LA = Los Angeles County, & SB = San Bernardino County