

# EMSI



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## Program Report



Economic Modeling Specialists, Inc. [www.economicmodeling.com](http://www.economicmodeling.com)

# EMSI

## Region Info

Region: San Francisco larger MSA

County Areas: Alameda, California (6001), Contra Costa, California (6013), Marin, California (6041), San Francisco, California (6075), San Mateo, California (6081), Santa Clara, California (6085)

## Executive Summary

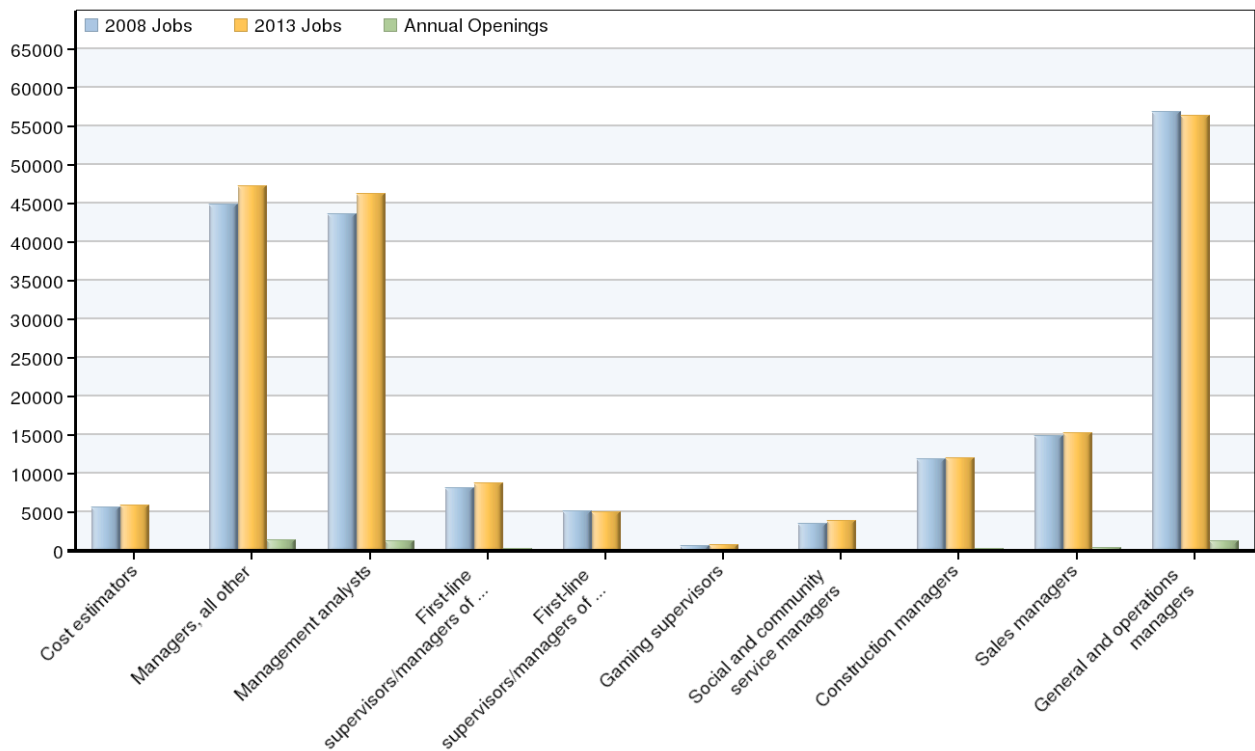
Program
Business Administration (TOP 0505.00)

Program Occupations
Chief executives (SOC 11-1011)
General and operations managers (SOC 11-1021)
Sales managers (SOC 11-2022)
Administrative services managers (SOC 11-3011)
Industrial production managers (SOC 11-3051)
Transportation, storage, and distribution managers (SOC 11-3071)
Construction managers (SOC 11-9021)
Social and community service managers (SOC 11-9151)
Managers, all other (SOC 11-9199)
Cost estimators (SOC 13-1051)
Management analysts (SOC 13-1111)
First-line supervisors/managers of housekeeping and janitorial workers (SOC 37-1011)
Gaming supervisors (SOC 39-1011)
First-line supervisors/managers of personal service workers (SOC 39-1021)

Summary	
2008 Occupational Jobs	239,212
2013 Occupational Jobs	246,811
Total Change	7,602
Total % Change	3%
2009 Median Hourly Earnings/Worker	\$38.61
Annual Openings	6,625
Total Replacement Jobs	25,522

Source: EMSI Complete Employment - Spring 2009

## Occupational Breakdown

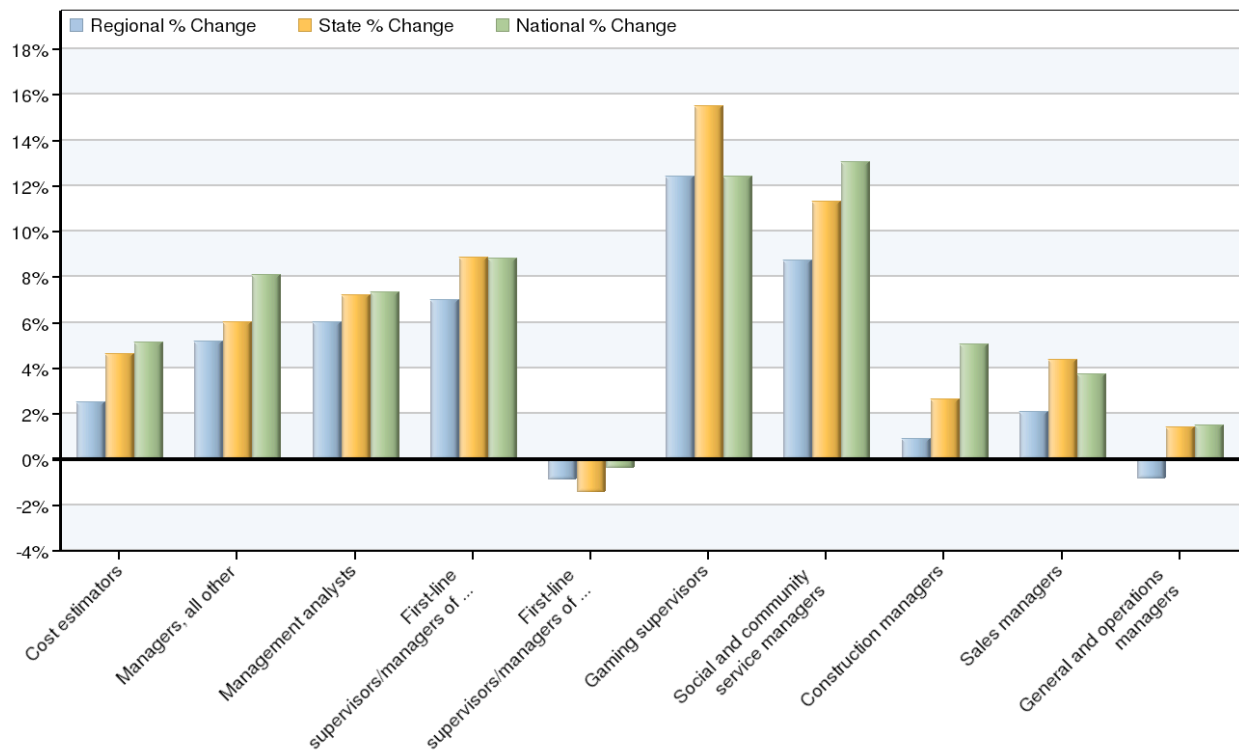


SOC Code	Description	2008 Jobs	2013 Jobs	Annual Openings	Replacement Jobs	Hourly Earnings	Education Level
13-1051	Cost estimators	5,679	5,822	139	553	\$33.69	Work experience in a related field
11-9199	Managers, all other	44,891	47,214	1,346	4,407	\$28.50	Work experience in a related field
13-1111	Management analysts	43,672	46,310	1,270	3,713	\$31.57	Degree plus work experience
37-1011	First-line supervisors/managers of housekeeping and janitorial workers	8,152	8,721	227	566	\$12.49	Work experience in a related field
39-1021	First-line supervisors/managers of personal service workers	5,098	5,053	105	571	\$14.48	Work experience in a related field
39-1011	Gaming supervisors	653	734	29	65	\$13.56	Work experience in a related field
11-9151	Social and community service managers	3,537	3,846	131	344	\$25.56	Bachelor's degree
11-9021	Construction managers	11,876	11,983	193	860	\$34.91	Bachelor's degree
11-2022	Sales managers	14,883	15,193	386	1,618	\$56.13	Degree plus work experience
11-1021	General and operations managers	56,868	56,388	1,236	6,658	\$53.76	Degree plus work experience

11-3011	Administrative services managers	6,068	6,269	199	793	\$40.82	Degree plus work experience
11-3051	Industrial production managers	4,768	4,572	147	932	\$50.22	Work experience in a related field
11-3071	Transportation, storage, and distribution managers	2,797	2,821	87	411	\$40.92	Work experience in a related field
11-1011	Chief executives	30,268	31,886	1,130	4,030	\$40.30	Degree plus work experience
	Total	239,212	246,811	6,625	25,522	\$38.61	

Source: EMSI Complete Employment - Spring 2009

## Occupational Change



SOC Code	Description	Regional Change	Regional % Change	State % Change	National % Change
13-1051	Cost estimators	143	3%	5%	5%
11-9199	Managers, all other	2,323	5%	6%	8%
13-1111	Management analysts	2,638	6%	7%	7%
37-1011	First-line supervisors/managers of housekeeping and janitorial workers	569	7%	9%	9%
39-1021	First-line supervisors/managers of personal service workers	-45	-1%	-1%	-0%
39-1011	Gaming supervisors	81	12%	16%	12%
11-9151	Social and community service managers	309	9%	11%	13%
11-9021	Construction managers	107	1%	3%	5%
11-2022	Sales managers	310	2%	4%	4%
11-1021	General and operations managers	-480	-1%	1%	2%
11-3011	Administrative services managers	201	3%	7%	6%
11-3051	Industrial production managers	-196	-4%	-3%	-5%
11-3071	Transportation, storage, and distribution managers	24	1%	6%	6%
11-1011	Chief executives	1,618	5%	7%	8%

Source: EMSI Complete Employment - Spring 2009

## Occupation Distribution



County	2008 Jobs
Santa Clara, CA (6085)	70,751
Alameda, CA (6001)	48,860
San Francisco, CA (6075)	45,439
San Mateo, CA (6081)	31,443
Contra Costa, CA (6013)	29,218
Marin, CA (6041)	13,501

Source: EMSI Complete Employment - Spring 2009

## Data Sources and Calculations

### Occupation Data

Organizing regional employment information by occupation provides a workforce-oriented view of the regional economy. EMSI's occupation data are based on EMSI's industry data and regional staffing patterns taken from the Occupational Employment Statistics program (U.S. Bureau of Labor Statistics). Wage information is partially derived from the American Community Survey. The occupation-to-program (SOC-to-CIP) crosswalk is based on one from the U.S. Department of Education, with customizations by EMSI.

### State Data Sources

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