**San Mateo County Community College District**



3401 CSM Drive

San Mateo, California 94402

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**Occupation Report**

8 County SF Bay Area



**Region Info**

Name: 8 County SF Bay Area

County Areas: Alameda, California (6001), Contra Costa, California (6013), Marin, California (6041), San Francisco, California (6075), San Mateo, California (6081), Santa Clara, California (6085), Santa Cruz, California (6087), Sonoma, California (6097)

**Selected Occupations**

| **Occupation** | **Education Level** |
| --- | --- |
| Registered nurses (SOC 29-1111) | Associate's degree |

**Executive Summary**

| **Basic Information** |  |
| --- | --- |
| 2010 Occupational Jobs | 49,642 |
| 2017 Occupational Jobs | 56,343 |
| Total Change | 6,701 |
| Total % Change | 13.50% |
| Openings | 13,001 |
| 2011 Median Hourly Earnings | $48.42 |

| **Economic Indicators** |  |
| --- | --- |
| 2010 Location Quotient | 0.78 |
| 2017 Location Quotient | 0.77 |

 Source: EMSI Complete Employment - 2011.4

**Occupational Change Summary**



| **Region** | **2010 Jobs** | **2017 Jobs** | **Change** | **% Change** | **Openings** | **2011 Median Hourly Earnings** |
| --- | --- | --- | --- | --- | --- | --- |
| Regional Total | 49,642 | 56,343 | 6,701 | 13% | 13,001 | $48.42 |
| State Total | 231,350 | 271,577 | 40,227 | 17% | 69,139 | $39.48 |
| National Total | 2,619,935 | 3,001,246 | 381,311 | 15% | 711,320 | $30.38 |

 Source: EMSI Complete Employment - 2011.4

**Top Industries for Selected Occupation**



| **NAICS Code** | **Name** | **2010 Jobs** | **2017 Jobs** | **Change** | **% Change** |
| --- | --- | --- | --- | --- | --- |
| 622110 | General Medical and Surgical Hospitals | 20,627 | 22,836 | 2,209 | 11% |
| 930000 | Local government | 6,007 | 6,193 | 186 | 3% |
| 621491 | HMO Medical Centers | 4,501 | 6,425 | 1,924 | 43% |
| 621111 | Offices of Physicians (except Mental Health Specialists) | 3,327 | 3,858 | 531 | 16% |
| 920000 | State government | 2,660 | 2,816 | 156 | 6% |
| 623110 | Nursing Care Facilities | 1,810 | 2,123 | 313 | 17% |
| 621610 | Home Health Care Services | 1,638 | 1,984 | 346 | 21% |

 Source: EMSI Complete Employment - 2011.4

**Occupation Distribution**



| **County** | **2010 Jobs** |
| --- | --- |
| Alameda, CA (6001) | 12,753 |
| Santa Clara, CA (6085) | 11,850 |
| San Francisco, CA (6075) | 8,238 |
| Contra Costa, CA (6013) | 5,755 |
| San Mateo, CA (6081) | 4,621 |
| Sonoma, CA (6097) | 3,427 |
| Marin, CA (6041) | 1,859 |
| Santa Cruz, CA (6087) | 1,140 |

 Source: EMSI Complete Employment - 2011.4

**Location Quotient Breakdown**



| **SOC Code** | **Description** | **2010 Jobs** | **2010 LQ** | **2017 LQ** |
| --- | --- | --- | --- | --- |
| 29-1111 | Registered nurses | 49,642 | 0.78 | 0.77 |
|  | Total | 49,642 | 0.78 | 0.77 |

 Source: EMSI Complete Employment - 2011.4

**Data Sources and Calculations**

**Industry Data**

In order to capture a complete picture of industry employment, EMSI basically combines covered employment data from Quarterly Census of Employment and Wages (QCEW) produced by the Department of Labor with total employment data in Regional Economic Information System (REIS) published by the Bureau of Economic Analysis (BEA), augmented with County Business Patterns (CBP) and Nonemployer Statistics (NES) published by the U.S. Census Bureau. Projections are based on the latest available EMSI industry data, 15-year past local trends in each industry, growth rates in statewide and (where available) sub-state area industry projections published by individual state agencies, and (in part) growth rates in national projections from the Bureau of Labor Statistics.

**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.

**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.

**State Data Sources**

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