

12345 El Monte Road

Los Altos Hills, California 94022

650.949.7777

**Dental Assisting Program Report**

**For Greater South Bay and Peninsula Region**

**(Santa Clara and San Mateo Counties)**

**November 2014**

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| **Dental Assisting/Assistant** |

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| **Target Occupations**‡ |
| Dental Assistants (31-9091) |

CIP 2010: A program that prepares individuals to provide patient care, take dental radiographs (x-ray photographs), prepare patients and equipment for dental procedures, and discharge office administrative functions under the supervision of dentists and dental hygienists. Includes instruction in medical record-keeping, general office duties, reception and patient intake, scheduling, equipment maintenance and sterilization, basic radiography, pre- and post-operative patient care and instruction, chairside assisting, taking tooth and mouth impressions, and supervised practice.

‡Based on EMSI crosswalk of the Classification of Instructional Programs (CIP) codes with Standard Occupational Classification (SOC) codes as published by the U.S. Department of Education.

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| **Target Occupation Performance** | | |
| **4,347\*** | **3.7%\*** | **$21.57/hr** |
| **Jobs (2014)** | **Growth (2014-2017)** | **Median Earnings** |
| National Location Quotient: 1.42† | National: 6.7% | National: $16.78/hr |

In 2014, the number of dental assisting/assistant jobs in Santa Clara and San Mateo Counties totaled 4,347. The Bureau of Labor Statistics (BLS) expects the total number of positions to decrease by 3.7% over the next three years. Regional openings in 2014, which included created jobs and turnover, totaled 152. Completions in dental assisting programs totaled 209 from five institutions, with an additional 152 completions from other related programs. These other programs are linked to multiple occupations and not all those who complete will enter the target occupations indicated in this report.

\*Based on total number of jobs for target occupations Santa Clara and San Mateo Counties.

†Represents occupation density as compared to national average (national average=1).

\*\*Openings include created jobs and turnover.

†† Includes all regional programs applicable to target occupations.

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| Regional Openings (2014)\*\* | 152 |  |
| Regional Program Completions (2013) | 209 |  |
| All Regional Completions for Target Occupations†† (2013) | 361 |  |

| **Target Occupations** | **Regional Openings (2014)** | **Median Hourly Earnings** | **Growth (2014-2017)** |
| --- | --- | --- | --- |
| Dental Assistants (31-9091) | 152 | $21.57 | 3.7% |

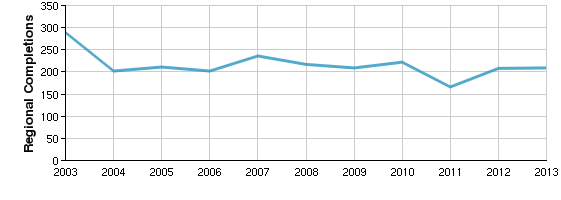
**Dental Assistant Occupation Performance**

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| **Training Providers** | |
| **5** | **209\*** |
| **Institutions** | **Completions (2013)** |

**Regional Breakdown for Dental Assisting/Assistants**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| County Name | 2014 Jobs | 2017 Jobs | 2014 Annual Openings | Median Hourly Earnings | 2014 National Location Quotient |
| Santa Clara | 3,388 | 3,519 | 121 | $21.21 | 1.52 |
| San Mateo | 960 | 988 | 31 | $22.73 | 1.15 |
| Total | 4,347 | 4,507 | 152 | $21.57 |  |

\*Based on IPEDS data.



| **Institution** | **Degrees** | **Certificates** | **Total Completions** |
| --- | --- | --- | --- |
| Carrington College California-San Jose | 19 | 54 | 73 |
| Everest College-San Jose | 0 | 41 | 41 |
| College of San Mateo | 9 | 25 | 34 |
| San Jose City College | 12 | 21 | 33 |
| Foothill College | 10 | 18 | 28 |

Other regional programs may train individuals eligible for dental assisting occupations, which are based on an occupation-program crosswalk developed by the Department of Education. Additional programs are offered at San Jose State University. As noted earlier, many postsecondary programs are linked to multiple occupations and not all those who complete the program will enter the target occupation.

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| **Related Regional Programs Allowing Entry to Dental Assisting** | |
| **3** | **361** |
| **Programs (2013)** | **Completions (2013)** |

| **Program** | **2009** | **2010** | **2011** | **2012** | **2013** |
| --- | --- | --- | --- | --- | --- |
| Dental Assisting/Assistant (51.0601) | 209 | 222 | 166 | 208 | 209 |
| Health Services/Allied Health/Health Sciences, General (51.0000) | 99 | 122 | 120 | 137 | 152 |
| Dental Services and Allied Professions, Other (51.0699) | 0 | 0 | 69 | 0 | 0 |

**Target Occupation Demographics**

The demographics among those employed in dental assisting occupations in Santa Clara and San Mateo Counties for 2014 show that almost all are women (93%) and over two-thirds are between the ages of 25-64 (84%). The national breakdown of the education level among those employed in dental assistant occupations show that 58% have earned an Associate’s degree or have completed some college.

**Gender Demographics (Regional)**

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| --- | --- | --- |
| Gender |  |  |
| Male | 7% |  |
| Female | 93% |  |

**Age Demographics (Regional)**

|  |  |  |
| --- | --- | --- |
| Age |  |  |
| 14-18 | 1% |  |
| 19-24 | 14% |  |
| 25-44 | 58% |  |
| 45-64 | 26% |  |
| 65+ | 1% |  |

|  |  |  |
| --- | --- | --- |
| **Educational Attainment (National)** | | |
| Doctoral or professional degree | 2% |  |
| Master's degree | 0% |  |
| Bachelor's degree | 7% |  |
| Associate's degree | 16% |  |
| Some college, no degree | 42% |  |
| High school diploma or equivalent | 30% |  |
| Less than high school diploma | 3% |  |

**Industries Employing Dental Assisting Occupations**

A number of industries in Santa Clara and San Mateo Counties employ those trained in dental assisting. The following table represents a regional industry breakdown of the number of dental assistants employed, the percentage of dental assistant jobs employed by industry and the percentage dental assistant jobs represented within all jobs by each industry. While dentists offices employed 94.2% of all regional dental assistants in 2014, this targeted occupation made up almost a third of the total jobs in that industry (32.1%).

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| --- | --- | --- | --- |
| **Inverse Staffing Patterns (Regional)** | | | |
| **Industry** | **Occupation Jobs in Industry (2014)** | **% of Occupation in Industry (2014)** | **% of Total Jobs in Industry (2014)** |
| Offices of Dentists (621210) | 4,096 | 94.2% | 32.1% |
| Colleges, Universities, and Professional Schools (611310) | 54 | 1.2% | 0.2% |
| HMO Medical Centers (621491) | 49 | 1.1% | 0.5% |
| Offices of Physicians (except Mental Health Specialists) (621111) | 40 | 0.9% | 0.2% |
| Temporary Help Services (561320) | 26 | 0.6% | 0.1% |

**Compatible Occupations for Dental Assisting**

Individuals completing a dental assisting program share many skills and abilities with other occupations. The Occupational Information Network (O\*Net) identifies compatible occupations based on an analysis of overlapping knowledge, skills and ability. Additional education required for transition can range from short on-site training to advanced post-secondary degrees. The following table shows how much education might be needed to be employed in these compatible occupations.

**Top Ten Compatible Occupations for Dental Assisting: Associate’s Degree or Less**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Rank | Occupation | Median Hourly Earnings | 2014 Jobs | 2014-2017 Change | 2014-2017 Estimated Annual Openings |
| 1 | Physical Therapist Aides | $14.52 | 316 | 30 | 13 |
| 2 | Endoscopy Technicians | $22.37 | 746 | 44 | 23 |
| 3 | Veterinary Assistants and Laboratory Animal Caretakers | $16.49 | 796 | 34 | 20 |
| 4 | Dental Hygienists | $51.03 | 2,103 | 128 | 74 |
| 5 | Phlebotomists | $20.51 | 649 | 72 | 28 |
| 6 | Bartenders | $10.05 | 3,940 | 348 | 204 |
| 7 | Pharmacy Technicians | $21.35 | 2,150 | 68 | 33 |
| 8 | Photographic Process Workers and Processing Machine Operators | $19.80 | 277 | 4 | 10 |
| 9 | Cooks, Institution and Cafeteria | $14.20 | 2,876 | 322 | 127 |
| 10 | Medical Assistants | $19.84 | 5,372 | 333 | 166 |

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| **Data Sources and Calculations** |

**State Data Sources**

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

**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.

**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.

**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.