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**Dental Hygiene Program Report
For Greater South Bay and Peninsula Region
(Santa Clara and San Mateo Counties)**

Dental Hygiene/Hygienist

CIP 2010: A program that prepares individuals to clean teeth and apply preventive materials, provide oral health education and treatment counseling to patients, identify oral pathologies and injuries, and manage dental hygiene practices. Includes instruction in dental anatomy, microbiology, and pathology; dental hygiene theory and techniques; cleaning equipment operation and maintenance; dental materials; radiology; patient education and counseling; office management; supervised clinical training; and professional standards.

Target Occupations

Dental Hygienists (29-2021)

In 2012, the number of dental hygiene/hygienist jobs in Santa Clara and San Mateo Counties totaled 1,890. The Bureau of Labor Statistics (BLS) expects the total number of positions to increase by 4.5% over the next three years. Regional openings in 2012, which included created jobs and turnover, totaled 37. Completions in dental hygienist programs totaled 75 from two institutions, with an additional 137 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.

Target Occupation Performance

1,890* Jobs (2012) National Location Quotient: 1.05†	4.5%* Growth (2013-2016) National: 9.0%	\$50.58/hr Median Earnings National: \$33.75/hr
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*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).

Regional Openings (2012)**	37
Regional Program Completions (2012)	75
All Regional Completions for Target Occupations†† (2012)	212

**Openings include created jobs and turnover.

†† Includes all regional programs applicable to target occupations.

Dental Hygienist Occupation Performance

Target Occupations	Regional Openings (2012)	Average Hourly Earnings	Growth (2013-2016)
Dental Hygienists (29-2021)	37	\$47.74	4.5%

Regional Breakdown for Dental Hygiene/Hygienist

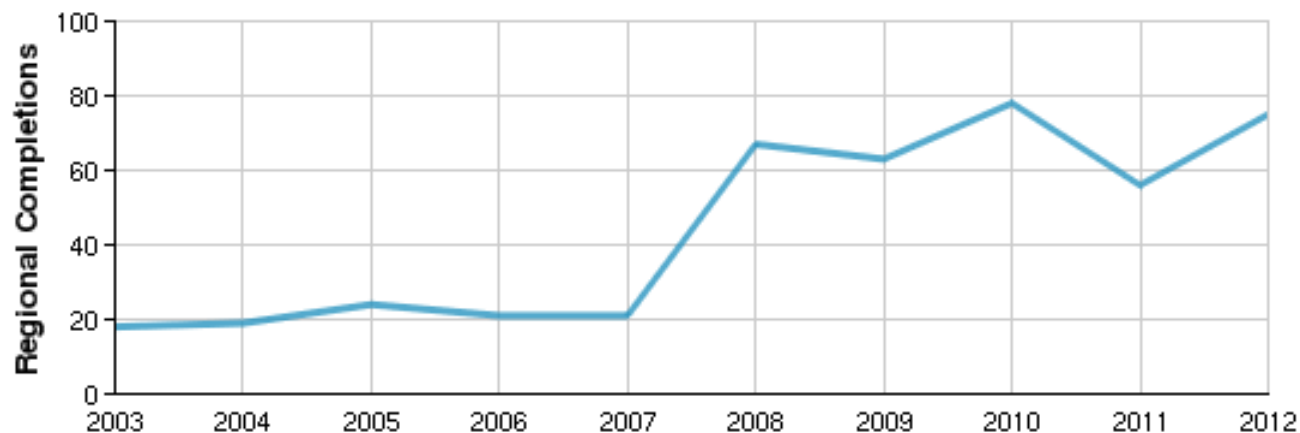
County Name	2013 Jobs	2016 Jobs	2013 Annual Openings	Median Hourly Earnings	2013 National Location Quotient
Santa Clara	1,344	1,414	54	\$50.33	1.00
San Mateo	492	504	15	\$51.29	0.98
Total	1,836	1,918	69	\$50.58	

Regional Dental Hygiene Training Providers

2
Institutions

75*
Completions (2012)

*Based on IPEDS data.



Institution	Degrees	Certificates	Total Completions
Carrington College California-San Jose	56	0	56
Foothill College	19	0	19

Other regional programs may train individuals eligible for dental hygiene 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.

Related Regional Programs Allowing Entry to Dental Hygiene



2	212
Programs (2012)	Completions (2012)

Program	2008	2009	2010	2011	2012
Health Services/Allied Health/Health Sciences, General (51.0000)	79	99	122	120	137
Dental Services and Allied Professions, Other (51.0699)	0	0	0	69	0









Target Occupation Demographics

The demographics among those employed in dental hygiene occupations in Santa Clara and San Mateo Counties for 2013 show that almost all are women (95.1%) and over fourth-fifths are between the ages of 25-54 (83.2%). The national breakdown of the education level among those employed in dental hygiene occupations show that 63% have earned an Associate's degree or have completed some college.








Gender Demographics (Regional)

Gender	Jobs (2013)	% of Total	
Female	1,745	95.1%	
Male	90	4.9%	

Age Demographics (Regional)

Age	Jobs (2013)	% of Total	
14-18 Years	<10	0.2%	
19-21 Years	11	0.6%	
22-24 Years	67	3.7%	
25-34 Years	446	24.3%	
35-44 Years	563	30.7%	
45-54 Years	518	28.2%	
55-64 Years	195	10.6%	
65+ Years	32	1.7%	

Educational Attainment (National)

Doctoral or professional degree	3%	
Master's degree	2%	
Bachelor's degree	30%	
Associate's degree	57%	
Some college, no degree	6%	
High school diploma or equivalent	3%	
Less than high school diploma	0%	

Industries Employing Dental Hygiene/Hygienist Occupations

A number of industries in Santa Clara and San Mateo Counties employ those trained in dental hygiene. The following table represents a regional industry breakdown of the number of dental hygienists employed, the percentage of dental hygiene/hygienist jobs employed by industry and the percentage dental hygiene/hygienist jobs represent within all jobs by each industry. While dentists offices employed 97.5% of all regional dental hygienists in 2013, this targeted occupation made up 17.2% in that industry.

Inverse Staffing Patterns (Regional)

Top Five Industries	Occupation Jobs in Industry (2013)	% of Occupation in Industry (2013)	% of Total Jobs in Industry (2013)
Offices of Dentists (621210)	1,790	97.5%	17.2%
Temporary Help Services (561320)	<10	0.5%	0.0%
HMO Medical Centers (621491)	<10	0.4%	0.1%
Unclassified Industry (999999)	<10	0.4%	0.2%
Offices of Physicians (except Mental Health Specialists) (621111)	<10	0.4%	0.0%

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.