

# Dental Assisting Occupation Overview

Emsi Q2 2016 Data Set

July 2016

College of San Mateo



3401 CSM Drive  
San Mateo, California 94402  
650.358.6880

# Parameters

## Occupations

Code	Description
29-2021	Dental Hygienists
31-9091	Dental Assistants
51-9081	Dental Laboratory Technicians

## Regions

Code	Description
6001	Alameda County, CA
6013	Contra Costa County, CA
6075	San Francisco County, CA
6081	San Mateo County, CA
6085	Santa Clara County, CA

## Timeframe

2014 - 2021

## Datarun

2016.2 - QCEW Employees

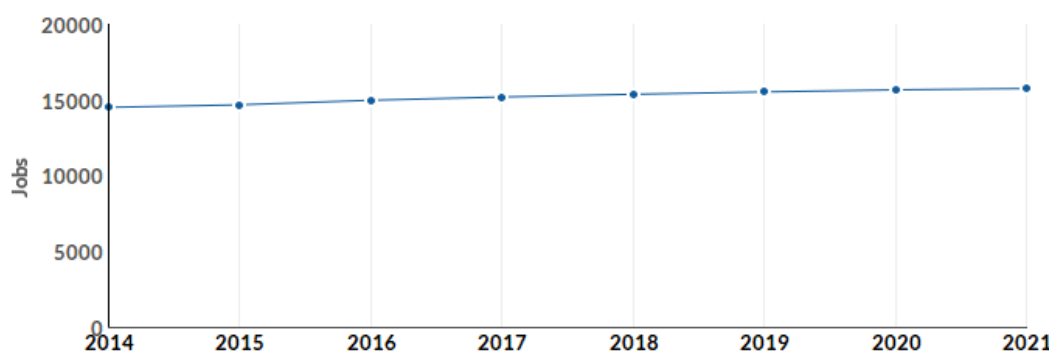
# DENT CTE in 5 Counties

## Occupation Summary for DENT CTE

<p><b>15,003</b></p> <p>Jobs (2016)</p> <p>14% <b>above</b> National average</p>	<p><b>+8.6%</b></p> <p>% Change (2014-2021)</p> <p>Nation: <b>+13.3%</b></p>	<p><b>\$28.94/hr</b></p> <p>Median Hourly Earnings</p> <p>Nation: \$23.77/hr</p>
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## Growth

<p><b>14,534</b></p> <p>2014 Jobs</p>	<p><b>15,777</b></p> <p>2021 Jobs</p>	<p><b>1,243</b></p> <p>Change (2014-2021)</p>	<p><b>8.6%</b></p> <p>% Change (2014-2021)</p>
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Occupation	2014 Jobs	2021 Jobs	Change	% Change
Dental Hygienists (29-2021)	4,337	4,736	399	9%
Dental Assistants (31-9091)	9,300	10,079	779	8%
Dental Laboratory Technicians (51-9081)	897	962	65	7%

## Percentile Earnings

**\$24.08/hr**

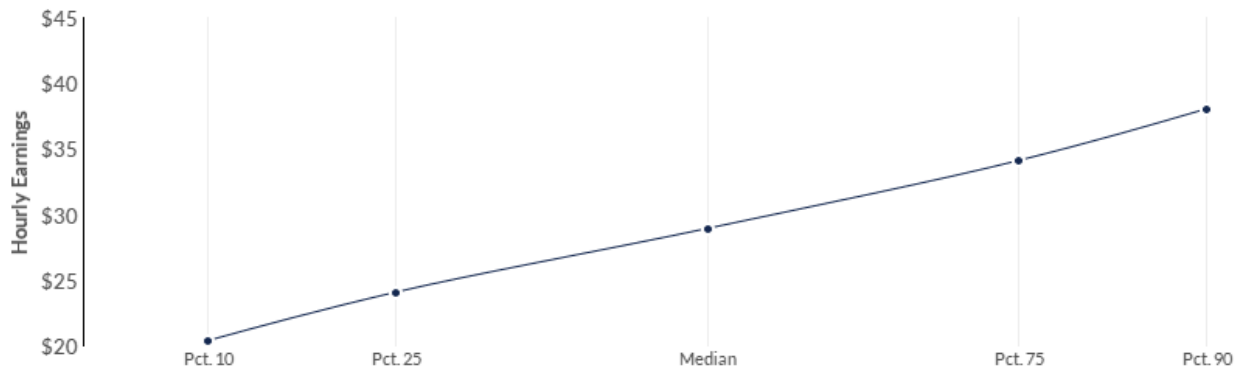
25th Percentile Earnings

**\$28.94/hr**

Median Earnings

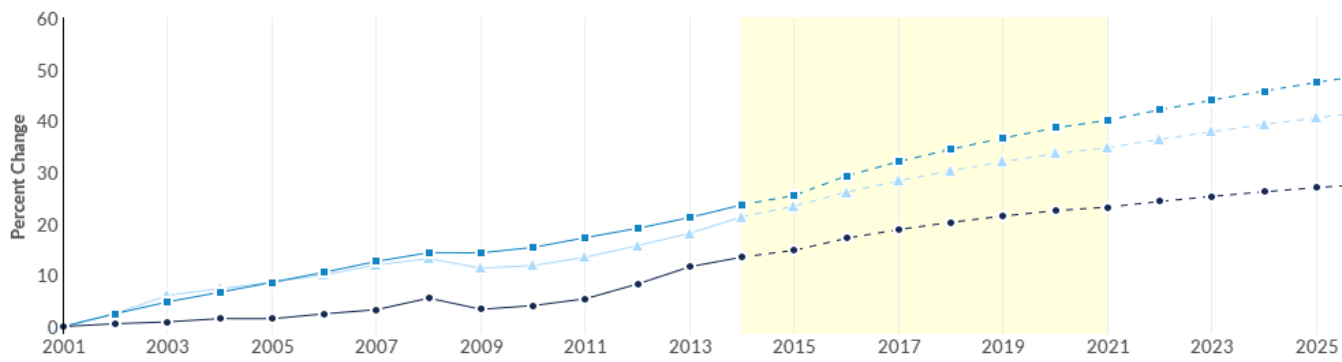
**\$34.13/hr**

75th Percentile Earnings



Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Dental Hygienists (29-2021)	\$41.91	\$48.71	\$55.19
Dental Assistants (31-9091)	\$16.46	\$20.57	\$25.21
Dental Laboratory Technicians (51-9081)	\$16.87	\$20.14	\$24.72

# Regional Trends



Region	2014 Jobs	2021 Jobs	Change	% Change
● Region	14,534	15,777	1,243	8.6%
■ Nation	547,903	620,809	72,906	13.3%
▲ California	75,263	83,585	8,322	11.1%

## Regional Breakdown



County	2021 Jobs
Santa Clara County, CA	5,493
Alameda County, CA	3,969
Contra Costa County, CA	2,475
San Francisco County, CA	1,988
San Mateo County, CA	1,852

## Job Postings Summary

168

Unique Postings (May 2016)  
527 Total Postings

3 : 1

Posting Intensity (May 2016)



There were 527 total job postings for 3 Occupations in May 2016, of which 168 were unique. These numbers give us a Posting Intensity of 3-to-1, meaning that for every 3 postings there is 1 unique job posting.

This is lower than the Posting Intensity for all other occupations and companies in the region (5-to-1), indicating that companies may not be trying as hard to hire this position.

## Occupation Gender Breakdown



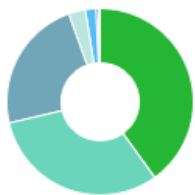
Gender	2016 Jobs	2016 Percent
● Males	1,395	9.3%
● Females	13,608	90.7%

## Occupation Age Breakdown



Age	2016 Jobs	2016 Percent
14-18	54	0.4%
19-24	1,282	8.5%
25-34	4,225	28.2%
35-44	4,173	27.8%
45-54	3,445	23.0%
55-64	1,512	10.1%
65+	311	2.1%

## Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2016 Jobs	2016 Percent
White	6,010	40.1%
Asian	4,692	31.3%
Hispanic or Latino	3,478	23.2%
Black or African American	438	2.9%
Two or More Races	275	1.8%
Native Hawaiian or Other Pacific Islander	60	0.4%
American Indian or Alaska Native	50	0.3%



## Occupational Programs

<b>6</b> Programs (2014)	<b>1,269</b> Completions (2014)	<b>530</b> Openings (2014)
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CIP Code	Program	Completions (2014)
51.0000	Health Services/Allied Health/Health Sciences, General	664
51.0601	Dental Assisting/Assistant	460
51.0602	Dental Hygiene/Hygienist	125
51.0603	Dental Laboratory Technology/Technician	16
51.1101	Pre-Dentistry Studies	4

## Industries Employing DENT CTE

Industry	Occupation Group Jobs in Industry (2016)	% of Occupation Group in Industry (2016)	% of Total Jobs in Industry (2016)
Offices of Dentists	13,241	88.3%	53.8%
Surgical and Medical Instrument Manufacturing	538	3.6%	8.1%
HMO Medical Centers	211	1.4%	0.9%
Surgical Appliance and Supplies Manufacturing	149	1.0%	9.0%
Offices of Physicians (except Mental Health Specialists)	133	0.9%	0.3%

# Appendix A - Data Sources and Calculations

## 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.

## 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.

## 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.

## 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.

## State Data Sources

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