

# Kinesiology Occupation Overview

Emsi Q2 2016 Data Set

July 2016

College of San Mateo



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San Mateo, California 94402  
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# Parameters

## Occupations

Code	Description
27-2022	Coaches and Scouts
27-2031	Dancers
27-2032	Choreographers
29-1128	Exercise Physiologists
29-9091	Athletic Trainers
39-9031	Fitness Trainers and Aerobics Instructors
39-9032	Recreation Workers

## 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

## KINE CTE in 5 Counties

### Occupation Summary for KINE CTE

<p><b>25,659</b></p> <p>Jobs (2016) 30% <b>above</b> National average</p>	<p><b>+15.7%</b></p> <p>% Change (2014-2021) Nation: <b>+11.0%</b></p>	<p><b>\$18.06/hr</b></p> <p>Median Hourly Earnings Nation: \$14.67/hr</p>
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## Growth

24,149

2014 Jobs

27,947

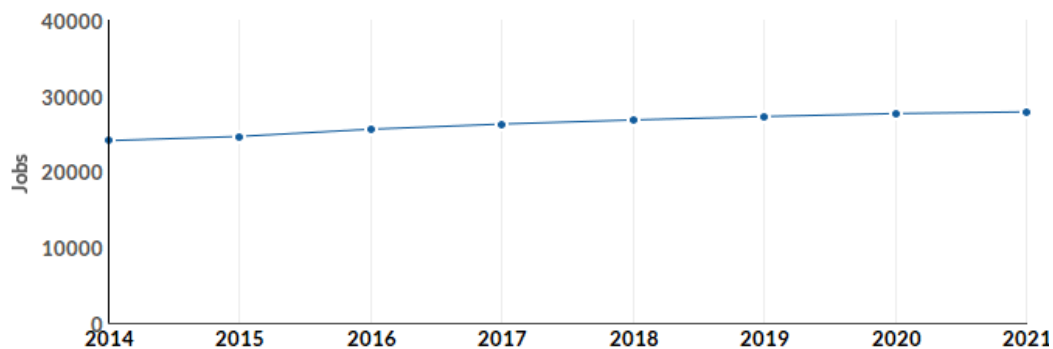
2021 Jobs

3,798

Change (2014-2021)

15.7%

% Change (2014-2021)



Occupation	2014 Jobs	2021 Jobs	Change	% Change
Coaches and Scouts (27-2022)	6,839	7,758	919	13%
Dancers (27-2031)	515	580	65	13%
Choreographers (27-2032)	177	205	28	16%
Exercise Physiologists (29-1128)	90	98	8	9%
Athletic Trainers (29-9091)	301	385	84	28%
Fitness Trainers and Aerobics Instructors (39-9031)	6,844	8,042	1,198	18%
Recreation Workers (39-9032)	9,383	10,879	1,496	16%

## Percentile Earnings

**\$12.23/hr**

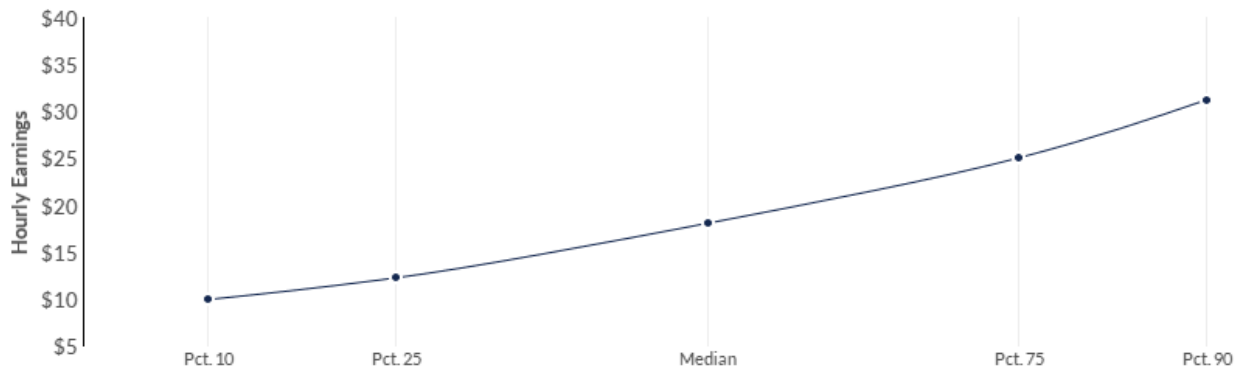
25th Percentile Earnings

**\$18.06/hr**

Median Earnings

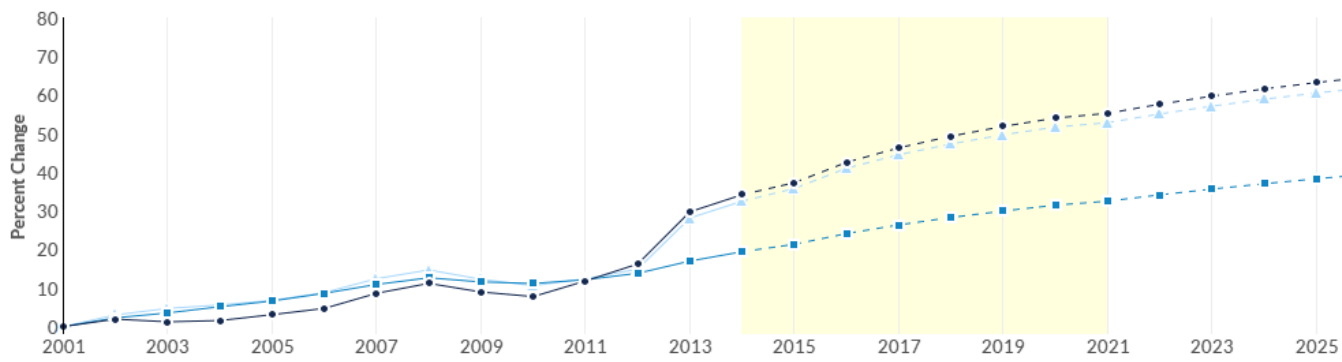
**\$25.05/hr**

75th Percentile Earnings



Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Coaches and Scouts (27-2022)	\$12.90	\$16.97	\$24.68
Dancers (27-2031)	\$11.25	\$15.11	\$22.56
Choreographers (27-2032)	\$28.94	\$39.44	\$51.48
Exercise Physiologists (29-1128)	\$15.56	\$30.46	\$36.47
Athletic Trainers (29-9091)	\$17.74	\$24.83	\$30.12
Fitness Trainers and Aerobics Instructors (39-9031)	\$13.50	\$24.66	\$35.84
Recreation Workers (39-9032)	\$10.35	\$13.46	\$16.82

## Regional Trends



Region	2014 Jobs	2021 Jobs	Change	% Change
● Region	24,149	27,947	3,798	15.7%
■ Nation	830,538	921,762	91,224	11.0%
▲ California	102,360	118,101	15,741	15.4%

## Regional Breakdown



County	2021 Jobs
Santa Clara County, CA	8,356
Alameda County, CA	7,101
San Francisco County, CA	5,926
Contra Costa County, CA	3,496
San Mateo County, CA	3,067

## Job Postings Summary

692

Unique Postings (May 2016)  
1,956 Total Postings

3 : 1

Posting Intensity (May 2016)



There were 1,956 total job postings for 7 Occupations in May 2016, of which 692 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	11,372	44.3%
● Females	14,287	55.7%



## Occupation Age Breakdown



Age	2016 Jobs	2016 Percent
14-18	1,748	6.8%
19-24	5,441	21.2%
25-34	6,258	24.4%
35-44	4,516	17.6%
45-54	3,823	14.9%
55-64	2,667	10.4%
65+	1,206	4.7%

## Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2016 Jobs	2016 Percent
White	14,698	57.3%
Asian	4,040	15.7%
Hispanic or Latino	3,929	15.3%
Black or African American	1,944	7.6%
Two or More Races	817	3.2%
Native Hawaiian or Other Pacific Islander	143	0.6%
American Indian or Alaska Native	87	0.3%

## Occupational Programs

<b>14</b> Programs (2014)	<b>1,861</b> Completions (2014)	<b>1,152</b> Openings (2014)
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CIP Code	Program	Completions (2014)
51.0000	Health Services/Allied Health/Health Sciences, General	664
31.0501	Health and Physical Education/Fitness, General	633
31.0101	Parks, Recreation and Leisure Studies	147
31.0504	Sport and Fitness Administration/Management	119
31.0505	Kinesiology and Exercise Science	112

## Industries Employing KINE CTE

Industry	Occupation Group Jobs in Industry (2016)	% of Occupation Group in Industry (2016)	% of Total Jobs in Industry (2016)
Fitness and Recreational Sports Centers	6,874	26.8%	39.8%
Local Government, Excluding Education and Hospitals	2,967	11.6%	2.6%
Services for the Elderly and Persons with Disabilities	2,294	8.9%	2.4%
Civic and Social Organizations	1,943	7.6%	19.8%
Colleges, Universities, and Professional Schools	916	3.6%	2.5%

# 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