



Athletic Injury Care

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

September 2016

12345 El Monte Road
Los Altos Hills, California 94022
650.949.7777

Athletic Training/Trainer

CIP 2010: A program that prepares individuals to work in consultation with, and under the supervision of physicians to prevent and treat sports injuries and associated conditions. Includes instruction in the identification, evaluation, and treatment of athletic injuries and illnesses; first aid and emergency care; therapeutic exercise; anatomy and physiology; exercise physiology; kinesiology and biomechanics; nutrition; sports psychology; personal and community health; knowledge of various sports and their biomechanical and physiological demands; and applicable professional standards and regulations.

Target Occupations‡

Athletic Trainers (29-9091)

‡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.

In 2016, the number of Athletic Training/Trainer jobs in the target occupations in Santa Clara and San Mateo Counties totaled 129. The Bureau of Labor Statistics (BLS) expects the total number of positions to increase by almost 15% over the next three years.

Occupation Summary for Athletic Trainers

129 Jobs (2016)¹ 49% below National average ²	14.7% % Change (2016-2019)³ Nation: 7.5%	\$22.96/hr Median Hourly Earnings Nation: \$21.69/hr
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¹Based on total number of jobs for target occupations in Santa Clara and San Mateo Counties.

²Represents occupation density as compared to national average (national average=1).

³Based on turnover and new jobs.

Target occupations that are mapped to the Athletic Training/Trainer program are disaggregated to see which occupations are projected to see the highest number of annual openings (Athletic Trainers), highest percentage rate of growth over the next three year (Athletic Trainers), and the highest median hourly earnings (Athletic Trainers). While Athletic Trainers are expected to experience job growth (15%), these occupations are less represented and concentrated in our region (Santa Clara and San Mateo Counties) compared to the national average.

Target Occupations

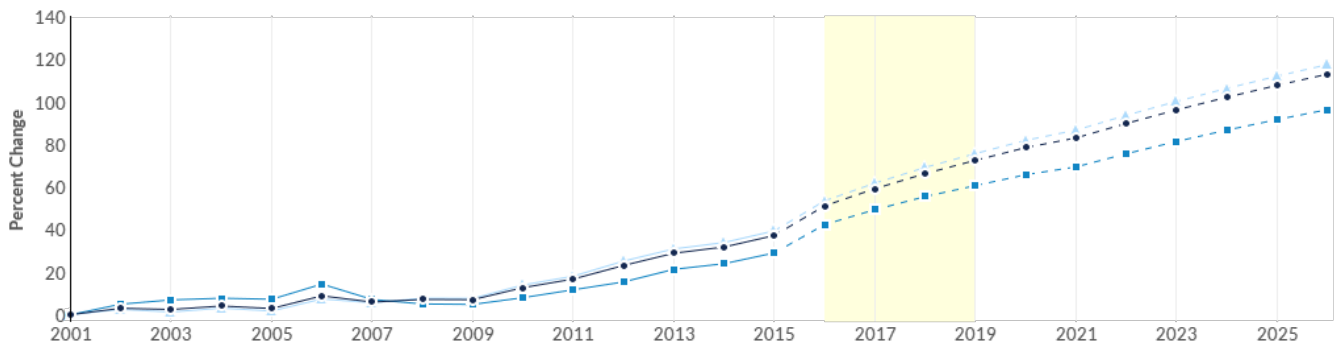
Occupation	2016 Jobs	Annual Openings	Median Hourly Earnings	Growth (2016 - 2019)	Location Quotient (2016)
Athletic Trainers	129	9	\$22.96/hr	14.73%	0.51

Growth in the Athletic Training/Trainer occupations show how each occupation is projected to increase in jobs over the next three years. A growth of about 15% is expected in the next three years for Athletic Trainers.

Growth for Athletic Trainers (SOC 29-9091)

129 2016 Jobs	148 2019 Jobs	19 Change (2016-2019)	14.7% % Change (2016-2019)
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Regional Trends

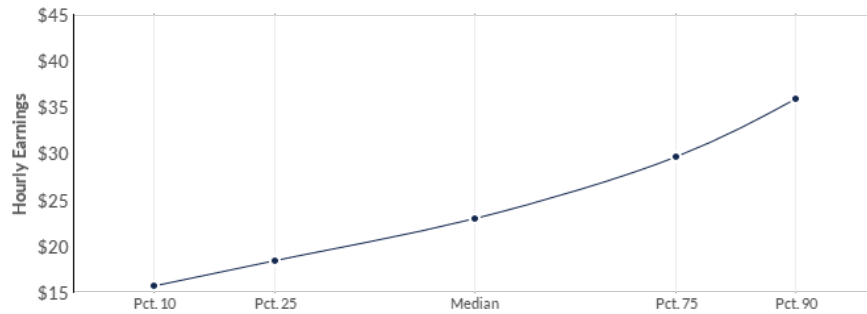


	Region	2016 Jobs	2019 Jobs	Change	% Change
●	Region	129	148	19	14.7%
■	San Mateo County, CA	26	29	3	11.5%
▲	Santa Clara County, CA	104	119	15	14.4%

The percentile earnings table shows the range the Athletic Training/Trainer occupations earn in the region. While the median earnings are roughly \$23/hour, wages can range from below \$18/hour to above \$29/hour.

Percentile Earnings for Athletic Trainers (SOC 29-9091)

\$18.40/hr 25th Percentile Earnings	\$22.96/hr Median Earnings	\$29.60/hr 75th Percentile Earnings
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Program Completion Data

Program data reviews completion information by institution and types of awards conferred in the region (Santa Clara and San Mateo Counties). Foothill College is the one of four regional institutions that is supporting and preparing for Athletic Training/Trainer occupations. A majority of awards are either attained in less than one academic year or at the bachelors level (80%).




Program Summary for Athletic Training/Trainer

4	33	15
Regional Institutions	Regional Program Completions (2015)	Annual Openings (2015)
had Completions in the last 13 years	Foothill College Completions: 7	

Regional Completions by Institution

Institution	Certificates (2015)	Degrees (2015)	Total Completions (2015)
San Jose State University	0	13	13
West Valley College	11	0	11
Foothill College	0	7	7
Gurnick Academy of Medical Arts	2	0	2



Regional Completions by Award Level

Award Level	Completions (2015)	Percent
Award of less than 1 academic year	13	39.4% 
Associates degree	7	21.2% 
Bachelors degree	13	39.4% 



Target Occupations Demographics

The demographics among those employed in Athletic Training/Trainer occupations in Santa Clara and San Mateo Counties for 2016 show that are more males (57%) than females (43%) and more than half are between the ages of 25-44 (53%) and a majority are White (60%).








Occupation Gender Breakdown

Gender	2016 Jobs	2016 Percent
Males	73	56.6% 
Females	56	43.4% 

Occupation Age Breakdown

Age	2016 Jobs	2016 Percent
14-18	1	0.5% 
19-24	10	8.0% 
25-34	37	28.4% 
35-44	32	24.7% 
45-54	24	18.7% 
55-64	18	14.0% 
65+	7	5.7% 

Occupation Race/Ethnicity Breakdown

Race/Ethnicity	2016 Jobs	2016 Percent
White	78	60.4% 
Hispanic or Latino	23	17.8% 
Asian	18	14.0% 
Black or African American	5	4.1% 
Two or More Races	4	3.2% 
American Indian or Alaska Native	0	0.3% 
Native Hawaiian or Other Pacific Islander	0	0.2% 

Industries Employing Athletic Training/Trainer Occupations

A number of industries in Santa Clara and San Mateo Counties employ those trained in Athletic Training/Trainer and its related occupations. The following table represents a regional industry breakdown of the number of Athletic Training/Trainer positions employed, the percentage of Athletic Training/Trainer employed by industry and the Athletic Training/Trainer jobs represent within all jobs by each industry. While Colleges, Universities, and Professional Schools employed 18% of all regional Athletic Training/Trainer positions in 2016, athletic trainers compose a minority of all jobs in that industry (0.1%).

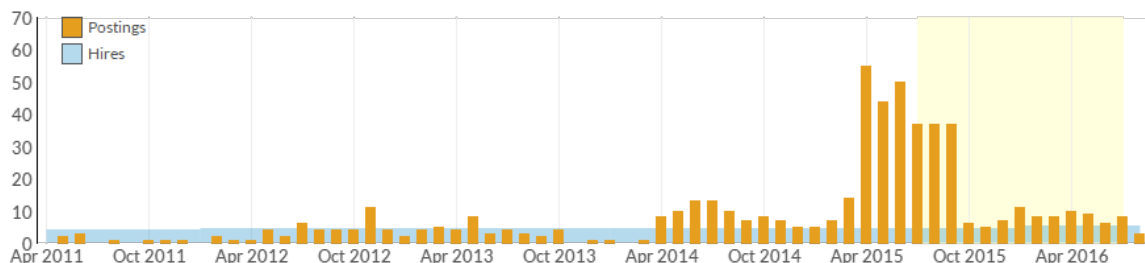
Industries Employing Athletic Trainers

Industry	Occupation Jobs in Industry (2016)	% of Occupation in Industry (2016)	% of Total Jobs in Industry (2016)
Colleges, Universities, and Professional Schools	23	18.1%	0.1%
Fitness and Recreational Sports Centers	22	17.0%	0.3%
Offices of Physical, Occupational and Speech Therapists, and Audiologists	16	12.2%	0.7%
General Medical and Surgical Hospitals	12	9.3%	0.0%
Offices of Physicians (except Mental Health Specialists)	<10	5.6%	0.0%

In an average month, there were 15 unique (internet) job postings for Athletic Training/Trainer jobs, and 5 actually hired from July 2015 to July 2016. This means there was approximately 1 hire for every 3 unique (internet) job postings for occupations in Athletic Training/Trainer.

Job Postings vs. Hires

15	5
Avg. Monthly Postings (Jul 2015 - Jul 2016)	Avg. Monthly Hires (Jul 2015 - Jul 2016)



Occupation	Avg Monthly Postings (Jul 2015 - Jul 2016)	Avg Monthly Hires (Jul 2015 - Jul 2016)
Athletic Trainers	15	5

The top five concentrated hard and soft skills employers list in Athletic Training/Trainer job posting descriptions are listed below. The “Postings with Skill” column is the total amount of (internet) job postings that mention the skills listed below. These numbers may be higher than the average monthly postings from above, because this number includes duplicated (internet) job postings. The “Concentration Score” gauge relevance of the skill by indicating the frequency in which this skill is being mentioned in (internet) job postings for Athletic Training/Trainers compared to all other (internet) job postings.

Concentrated Hard Skills

Skill	Concentration Score	Postings with Skill
Cardio-Pulmonary Resuscitation (CPR)	654.21	4
Injury Prevention	402.39	39
Sports Injury	304.11	3
Sports Medicine	268.66	70
Biomechanics	246.16	4

Concentrated Soft Skills

Skill	Concentration Score	Postings with Skill
Creativity	2.27	14
Career Development	1.16	4
Critical Thinking	0.61	3
Coordinating	0.57	11
Scheduling (Project Management)	0.53	51

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.

CareerBuilder/Emsi Job Postings

Job postings are collected from various sources and processed/enriched by Careerbuilder to provide information such as standardized company name, occupation, skills, and geography. Emsi performs additional filtering and processing to improve compatibility with Emsi data.

State Data Sources

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