

12345 El Monte Road

Los Altos Hills, California 94022

650.949.7777

**Adaptive Fitness Therapy Program Report**

**For Greater South Bay and Peninsula Region**

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

**November 2014**

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| **Health and Physical Education/Fitness, General** |

CIP 2010: A general program that focuses on activities and principles that promote physical fitness, achieve and maintain athletic prowess, and accomplish related research and service goals. Includes instruction in human movement studies, motivation studies, rules and practice of specific sports, exercise and fitness principles and techniques, basic athletic injury prevention and treatment, and organizing and leading fitness and sports programs.

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| **Target Occupations**‡ |
| Athletes and Sports Competitors (27-2021) |
| Coaches and Scouts (27-2022) |
| Fitness Trainers and Aerobics Instructors (39-9031) |

‡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 2014, the number of adaptive fitness therapy (health and physical education/fitness) jobs in Santa Clara and San Mateo Counties totaled 6,228. The Bureau of Labor Statistics (BLS) expects the total number of positions to increase by 10.4% over the next three years. Regional openings in 2014, which included created jobs and turnover, totaled 388. There were 235 regional program completions for adaptive fitness therapy programs and five additional completions from other related programs. These additional programs are linked to multiple occupations and not all those who complete the program will enter the target occupations indicated in this report.

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| **Target Occupation Performance** |
| **6,228\*** | **10.4%\*** | **$21.91/hr** |
| **Jobs (2014)** | **Growth (2014-2017)** | **Median Earnings** |
| National Location Quotient: 1.21† | National: 5.6% | National: $15.31/hr |

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

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

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| Regional Openings (2014) | 388 |  |
| Regional Program Completions (2013) | 235 |  |
| All Regional Completions for Target Occupations†† (2013) | 240 |  |

 \*\*Openings include created jobs and turnover.

††Includes all regional programs applicable to target occupations.

**Adaptive Fitness Therapy Occupations Performance**

| **Target Occupations** | **Regional Openings (2014)** | **Median Hourly Earnings** | **Growth (2014-2017)** |
| --- | --- | --- | --- |
| Fitness Trainers and Aerobics Instructors (39-9031) | 154 | $25.36 | 9.4% |
| Athletes and Sports Competitors (27-2021) | 6 | $27.65 | 8.2% |
| Coaches and Scouts (27-2022) | 228 | $18.27 | 11.5% |

**Regional Breakdown for Adaptive Fitness Therapy Occupations**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **County Name** | **2014 Jobs** | **2017 Jobs** | **2014 Annual Openings** | **Median Hourly Earnings** | **2014 National Location Quotient** |
| Santa Clara | 4,596 | 5,129 | 314 | $20.84 | 1.23 |
| San Mateo | 1,632 | 1,747 | 75 | $25.03 | 1.16 |
| Total | 6,228 | 6,876 | 388 | $21.91 |  |

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| **Regional Adaptive Fitness Therapy Training Providers** |
| **5** | **235\*** |
| **Institutions** | **Completions (2013)** |

 \*Based on IPEDS data.



| **Institution** | **Degrees** | **Certificates** | **Total Completions** |
| --- | --- | --- | --- |
| San Jose State University | 180 | 0 | 180 |
| College of San Mateo | 0 | 44 | 44 |
| Foothill College | 7 | 0 | 7 |
| West Valley College | 3 | 0 | 3 |
| Skyline College | 1 | 0 | 1 |

Other regional programs may train individuals eligible for the targeted adaptive fitness (health and physical education/fitness) occupations, which are based on an occupation-program crosswalk developed by the Department of Education. These additional programs are offered at Canada College, Foothill College, Mission College, San Jose State University, College of San Mateo, Skyline College, and West Valley College. 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 Adaptive Fitness Therapy** |
| **3** | **240** |
| **Programs (2013)** | **Completions (2013)** |

| **Program** | **2009** | **2010** | **2011** | **2012** | **2013** |
| --- | --- | --- | --- | --- | --- |
| Health and Physical Education/Fitness, General (31.0501) | 165 | 199 | 166 | 234 | 235 |
| Physical Fitness Technician (31.0507) | 0 | 3 | 12 | 1 | 5 |
| Sport and Fitness Administration/Management (31.0504) | 0 | 0 | 0 | 0 | 0 |

**Target Occupations Demographics**

The demographics among those employed in the target adaptive fitness therapy occupations in Santa Clara and San Mateo Counties for 2014 show that the gender distribution of male to female is fairly close (52% to 48%), and two-thirds are distributed between two age groups: 19-24 years old (24%) and 25-44 years old (42%).

**Gender Demographics (Regional)**

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| --- | --- | --- |
| Gender |   |   |
| Male | 52% |  |
| Female | 48% |  |

**Age Demographics (Regional)**

|  |  |  |
| --- | --- | --- |
| Age |   |   |
| 14-18 | 9% |  |
| 19-24 | 24% |  |
| 25-44 | 42% |  |
| 45-64 | 23% |  |
| 65+ | 3% |  |

**Industries Employing Adaptive Fitness Therapy Occupations**

A number of industries in Santa Clara and San Mateo Counties employ those trained in adaptive fitness therapy (health and physical education/fitness) and its related occupations. The following table represents a regional industry breakdown of the number of adaptive fitness therapists employed, the percentage of adaptive fitness therapy jobs employed by industry and the percentage adaptive fitness therapy jobs represent within all jobs by each industry. While fitness and recreational sports centers employed 39.7% of all regional adaptive fitness therapy positions in 2014, adaptive fitness therapy and its related occupations represented almost a third of the total jobs in that industry (32.9%).

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| **Inverse Staffing Patterns (Regional)** |
| **Industry** | **Occupation Group Jobs in Industry (2014)** | **% of Occupation Group in Industry (2014)** | **% of Total Jobs in Industry (2014)** |
| Fitness and Recreational Sports Centers (713940) | 2,472 | 39.7% | 32.9% |
| Colleges, Universities, and Professional Schools (611310) | 559 | 9.0% | 1.7% |
| Civic and Social Organizations (813410) | 457 | 7.3% | 11.1% |
| Exam Preparation and Tutoring (611691) | 376 | 6.0% | 14.3% |
| Sports and Recreation Instruction (611620) | 362 | 5.8% | 13.2% |

**Compatible Occupations for Adaptive Fitness Therapy**

Individuals completing an Adaptive Fitness Therapy 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 tables show how much education might be needed to be employed in these compatible occupations.

**Top Ten Compatible Occupations for Adaptive Fitness Therapy: Associate’s or Less**

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| --- | --- | --- | --- | --- | --- |
| Rank | Occupation | Median Hourly Earnings | 2014 Jobs | 2014-2017 Change | 2014-2017 Estimated Annual Openings |
| 1 | Athletes and Sports Competitors | $27.65 | 98 | 8 | 4 |
| 2 | Home Health Aides | $11.84 | 4,496 | 846 | 284 |
| 3 | Occupational Therapy Aides | $19.38 | 92 | 7 | 4 |
| 4 | Childcare Workers | $11.42 | 9,747 | 859 | 443 |
| 5 | First-Line Supervisors of Retail Sales Workers | $19.08 | 11,180 | 142 | 293 |
| 6 | Fitness Trainers and Aerobics Instructors | $25.36 | 3,158 | 296 | 104 |
| 7 | Physical Therapist Aides | $14.52 | 316 | 30 | 13 |
| 8 | Security Guards | $14.42 | 12,897 | 823 | 362 |
| 9 | Bartenders | $10.05 | 3,940 | 348 | 204 |
| 10 | First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand | $23.23 | 1,264 | 20 | 31 |

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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.