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**Child Development Program Report**

**For Greater South Bay and Peninsula Region**

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

**October 2014**

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| **Child Care Provider/Assistant** |

CIP 2010: A program that prepares individuals to be primary providers of home, family, residential, or institutional-based childcare services. Includes instruction in child growth and development, nutrition, recreation, planning and supervision of play and learning activities, child abuse and neglect prevention, parent-child relationships, and applicable legal and administrative requirements.

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| **Target Occupations**‡ |
| Childcare Workers (39-9011) |

‡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 child development (child care provider/assistant) jobs in Santa Clara and San Mateo Counties totaled 9,747. The Bureau of Labor Statistics (BLS) expects the total number of positions to increase by 8.8% over the next three years. Regional openings in 2014, which included created jobs and turnover, totaled 619. Completions in child development programs totaled 400 from nine institutions, with an additional 10 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.

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| **Target Occupation Performance** |
| **9,747\*** | **8.8%\*** | **$11.42/hr** |
| **Jobs (2014)** | **Growth (2014-2017)** | **Median Earnings** |
| National Location Quotient: 0.79† | National: 2.7% | National: $8.22/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)\*\* | 619 |  |
| Regional Program Completions (2013) | 400 |  |
| All Regional Completions for Target Occupations†† (2013) | 410 |  |

 \*\*Openings include created jobs and turnover.

††Includes all regional programs applicable to target occupations.

**Child Care Occupation Performance**

| **Target Occupations** | **Regional Openings (2014)** | **Median Hourly Earnings** | **Growth (2014-2017)** |
| --- | --- | --- | --- |
| Childcare Workers (39-9011) | 619 | $11.42 | 8.8% |

**Regional Breakdown for Child Care Provider/Assistant**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **County Name** | **2014 Jobs** | **2017 Jobs** | **2014 Annual Openings** | **Median Hourly Earnings** | **2014 National Location Quotient** |
| Santa Clara | 7,279 | 8,052 | 526 | $11.72 | 0.81 |
| San Mateo | 2,468 | 2,554 | 94 | $10.56 | 0.73 |
| Total | 9,747 | 10,606 | 619 | $11.42 |  |

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| **Regional Child Care Training Providers** |
| **9** | **400\*** |
| **Institutions** | **Completions (2013)** |

 \*Based on IPEDS data.



| **Institution** | **Degrees** | **Certificates** | **Total Completions** |
| --- | --- | --- | --- |
| Canada College | 36 | 47 | 83 |
| Skyline College | 30 | 51 | 81 |
| De Anza College | 11 | 55 | 66 |
| West Valley College | 12 | 27 | 39 |
| San Jose City College | 24 | 12 | 36 |
| Mission College | 10 | 21 | 31 |
| Gavilan College | 13 | 16 | 29 |
| CET-Sobrato | 0 | 18 | 18 |
| Foothill College | 14 | 3 | 17 |

Other regional programs may train individuals eligible for child development occupations, which are based on an occupation-program crosswalk developed by the Department of Education. These additional programs are offered at Canada College, CET-Sobrato, De Anza College, Gavilan College, Mission College, The National Hispanic University, San Jose City College, 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 Child Development** |
| **2** | **410** |
| **Programs (2013)** | **Completions (2013)** |

| **Program** | **2009** | **2010** | **2011** | **2012** | **2013** |
| --- | --- | --- | --- | --- | --- |
| Child Care Provider/Assistant (19.0709) | 353 | 323 | 454 | 359 | 400 |
| Child Development (19.0706) | 0 | 0 | 0 | 3 | 10 |

**Target Occupations Demographics**

The demographics among those employed in child development occupations in Santa Clara and San Mateo Counties for 2014 show that nearly four-fifths are women (89%) and the majority fall between the ages of 19-44 (59%). The national breakdown of the education level among those employed in child development occupations show that 37% have an Associate’s degree or have completed some college.

**Gender Demographics (Regional)**

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| --- | --- | --- |
| Gender |   |   |
| Male | 11% |  |
| Female | 89% |  |

**Age Demographics (Regional)**

|  |  |  |
| --- | --- | --- |
| Age |   |   |
| 14-18 | 5% |  |
| 19-24 | 19% |  |
| 25-44 | 40% |  |
| 45-64 | 30% |  |
| 65+ | 5% |  |

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| **Educational Attainment (National)** |
| Doctoral or professional degree | 0% |  |
| Master's degree | 2% |  |
| Bachelor's degree | 13% |  |
| Associate's degree | 10% |  |
| Some college, no degree | 27% |  |
| High school diploma or equivalent | 33% |  |
| Less than high school diploma | 14% |  |

**Industries Employing Child Development Occupations**

A number of industries in Santa Clara and San Mateo Counties employ those trained in child. The following table represents a regional industry breakdown of the number of child development positions employed, the percentage of child development jobs employed by industry and the percentage child development jobs represented within all jobs by each industry. Child Day Care Services employed 50.0% of all child development positions in 2014, which represents just over two-fifths of the total jobs that industry (41.1%).

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| **Inverse Staffing Patterns (Regional)** |
| **Industry** | **Occupation Jobs in Industry (2014)** | **% of Occupation in Industry (2014)** | **% of Total Jobs in Industry (2014)** |
| Child Day Care Services (624410) | 4,874 | 50.0% | 41.1% |
| Private Households (814110) | 2,322 | 23.8% | 27.6% |
| Elementary and Secondary Schools (Local Government) (903611) | 376 | 3.9% | 0.9% |
| Fitness and Recreational Sports Centers (713940) | 341 | 3.5% | 4.5% |
| Religious Organizations (813110) | 334 | 3.4% | 3.6% |

**Compatible Occupations for Child Development**

Individuals completing a child development 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 post-secondary degrees. The following table shows how much education might be needed to be employed in these compatible occupations.

**Top Ten Compatible Occupations for Child Development: Associate’s Degree or Less**

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| --- | --- | --- | --- | --- | --- |
| Rank | Occupation | Median Hourly Earnings | 2014 Jobs | 2014-2017 Change | 2014-2017 Estimated Annual Openings |
| 1 | Preschool Teachers, Except Special Education | $17.51 | 6,023 | 302 | 207 |
| 2 | Gaming Dealers | $9.30 | 876 |  (44) | 12 |
| 3 | Umpires, Referees, and Other Sports Officials | $12.73 | 215 | 16 | 9 |
| 4 | Counter Attendants, Cafeteria, Food Concession, and Coffee Shop | $9.37 | 5,399 | 260 | 321 |
| 5 | Demonstrators and Product Promoters | $13.21 | 846 | 34 | 28 |
| 6 | Home Health Aides | $11.84 | 4,496 | 846 | 284 |
| 7 | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop | $9.75 | 2,633 | 199 | 206 |
| 8 | Occupational Therapy Aides | $19.38 | 92 | 7 | 4 |
| 9 | Personal Care Aides | $12.19 | 11,076 | 2,141 | 603 |
| 10 | Reservation and Transportation Ticket Agents and Travel Clerks | $16.16 | 3,419 |  (171) | 33 |

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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.