



Program Endorsement Brief: 1305.00/Child Development-Early Care and Education

Children's Program Certificate: General – Level 1

Los Angeles/Orange County Center of Excellence, February 2019

Summary:

The Los Angeles/Orange County Center of Excellence for Labor Market Research (COE) prepared this report to provide regional labor market supply and demand data related to child development and early care/education. This report is intended to help determine whether there is demand in the local labor market that is not being met by the supply from community college programs that align with relevant occupations.

The following summarizes key findings from this data brief:

- The number of new jobs for child development and early care/education-related occupations is projected to decrease by 1% through 2022. However, more than 10,600 job openings will be available annually due to replacement need (e.g. retirements).
- Over the past 12 months, there have been 5,769 online job postings related to child development and early care/education in Los Angeles and Orange Counties.
- Last year, five other related program recommendation requests were received from regional community colleges.
- Twenty-three colleges in the region have child development/early care & education, and preschool age children programs.
- Between 2014 and 2017, community colleges in the region conferred an average of 2,497 awards annually (associate degrees and certificates) in related training programs.

Occupational Demand—In Los Angeles/Orange County, the number of jobs related to child development and early care/education is projected to decrease by 1% through 2022. However, there will be over 10,600 job openings per year due to replacement need (e.g. retirements).

Exhibit 1: Occupational demand in Los Angeles and Orange Counties¹

Geography	2017 Jobs	2022 Jobs	2017-2022 Change	2017-2022 % Change	Annual Openings
Los Angeles	64,288	62,970	(1,318)	(2%)	8,653
Orange	14,108	14,675	567	4%	1,960
Total	78,396	77,645	(751)	(1%)	10,613

¹ Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

Wages—Entry-level wages for child development occupations are lower than the MIT Living hourly wage for one adult in the region (\$13.54 in Los Angeles County and \$15.31 in Orange County). Experienced workers earn between \$15.12 and \$25.90. Appendix B lists entry-level, median, and experienced wages by occupation and region.

Job Postings—There were 5,769 online job postings related to child development and early care/education listed in the past 12 months. The majority of job postings were for preschool teacher, childcare teacher, afterschool teacher, childcare assistant, and early childhood teacher. Top specialized skills include: teaching, child development, early childhood education, and cardiopulmonary resuscitation (CPR). The top three employers, by number of job postings, in the region are: YMCA, Placentia Yorba Linda Unified, and Childtime Learning Centers.

Educational Attainment—The BLS lists an associate degree as the typical entry-level education for preschool teachers, and a high school diploma for childcare workers. The national-level educational attainment data indicates around 37% of workers in the field have completed some college or an associate degree. In Los Angeles/Orange County, 57% of job postings request a high school education.

Community College Supply—Appendix A shows the annual and three-year average number of awards conferred by community colleges in the following programs: Child Development/Early Care and Education (1305.00) and Preschool Age Children (1305.40). Last year, there were five other related program recommendation requests from regional community colleges.

Appendix A: Regional community college awards (certificates and degrees), 2014-2017

TOP Code	Program	College	2014-15 Awards	2015-16 Awards	2016-2017 Awards	3-Year Award Average
1305.00	Child Development/Early Care and Education	Cerritos	22	73	85	60
		Citrus	86	93	109	96
		Compton	51	52	75	59
		East LA	170	220	153	181
		El Camino	113	122	170	135
		Fullerton	12	8	25	15
		Glendale	30	20	21	24
		Irvine	42	44	95	60
		LA City	237	181	296	238
		LA Harbor	21	23	24	23
		LA Mission	58	60	153	90
		LA Pierce	59	68	89	72
		LA Southwest	81	81	62	75
		LA Trade-Tech	201	268	221	230
		LA Valley	66	90	104	87
		Long Beach	104	114	160	126
		Mt San Antonio	84	127	65	92
Rio Hondo	142	181	207	177		

TOP Code	Program	College	2014-15 Awards	2015-16 Awards	2016-2017 Awards	3-Year Award Average
		Saddleback	65	31	52	49
		Santa Ana	29	23	32	28
		Santa Monica	73	84	176	111
		West LA	25	41	46	37
Subtotal/Average			1,852	2,107	2,558	2,172
1305.40	Preschool Age Children	Fullerton	6	9	9	8
		LA Mission	26	24	19	23
		LA Pierce	110	116	156	127
		LA Valley	110	89	104	101
		Orange Coast	25	24	19	23
		Santa Ana	27	50	52	43
Subtotal/Average			304	312	359	325
Total/Average			2,156	2,419	2,917	2,497

Appendix B: Occupational demand and wage data by county

Exhibit 3. Los Angeles County

Occupation (SOC)	2017 Jobs	2022 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Childcare Workers (39-9011)	49,019	46,838	(2,181)	(4%)	6,983	\$7.23	\$8.99	\$14.87
Preschool Teachers, Except Special Education (25-2011)	15,269	16,132	863	6%	1,670	\$10.85	\$15.19	\$27.17
Total	64,288	62,970	(1,318)	(2%)	8,653			

Exhibit 4. Orange County

Occupation (SOC)	2017 Jobs	2022 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Childcare Workers (39-9011)	9,297	9,625	328	4%	1,434	\$7.38	\$10.73	\$16.60
Preschool Teachers, Except Special Education (25-2011)	4,811	5,050	239	5%	526	\$11.24	\$15.22	\$23.39
Total	14,108	14,675	567	4%	1,960			

Exhibit 5. Los Angeles and Orange Counties

Occupation (SOC)	2017 Jobs	2022 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Childcare Workers (39-9011)	58,316	56,463	(1,853)	(3%)	8,417	\$7.30	\$8.95	\$15.12
Preschool Teachers, Except Special Education (25-2011)	20,080	21,182	1,102	5%	2,196	\$10.90	\$15.22	\$25.90
Total	78,396	77,645	(751)	(1%)	10,613			

Appendix C: Sources

- O*NET Online
- Labor Insight/Jobs (Burning Glass)
- Economic Modeling Specialists, International (EMSI)
- Employment Development Department, Labor Market Information Division, OES
- Employment Development Department, Unemployment Insurance Dataset
- Living Insight Center for Community Economic Development
- California Community Colleges Chancellor’s Office Management Information Systems (MIS)
- MIT Living Wage
- Chancellor’s Office Curriculum Inventory (COCI 2.0)

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