

**Labor Market Assessment: 0802.00 – Educational Aide (Teacher Assistant)
Educational Paraprofessional (Instructional Assistant) (Associate Degree)**
Los Angeles Center of Excellence, March 2022

Summary

Program Endorsement:	Endorsed: All Criteria Met <input type="checkbox"/>	Endorsed: Some Criteria Met <input checked="" type="checkbox"/>	Not Endorsed <input type="checkbox"/>
Program Endorsement Criteria			
Supply Gap:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Living Wage: (Entry-Level, 25th)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Education:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Emerging Occupation(s)			
	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

The Los Angeles Center of Excellence for Labor Market Research (LA COE) prepared this report to provide regional labor market supply and demand data related to one middle-skill occupation:

- *Teaching assistants, except postsecondary (25-9045)*

Middle-skill occupations typically require some postsecondary education, but less than a bachelor’s degree.¹ 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 the relevant occupation.

Based on the available data, there appears to be a supply gap in the region for *teaching assistants, except postsecondary*. Although the entry-level wage for this occupation is below the self-sufficiency standard wage in both Los Angeles and Orange counties, 39% of incumbent workers have completed some college or an associate degree. **Due to some of the criteria being met, the LA COE endorses this proposed program.** Detailed reasons include:

Demand:

- **Supply Gap Criteria** – Over the next five years, there is projected to be **4,809 jobs available annually** in the region due to new job growth and replacements, **which is more than the 87 awards conferred annually** by educational institutions in the region.

¹ The COE classifies middle-skill jobs as the following:

- All occupations that require an educational requirement of some college, associate degree or apprenticeship;
- All occupations that require a bachelor’s degree, but also have more than one-third of their existing labor force with an educational attainment of some college or associate degree; or
- All occupations that require a high school diploma or equivalent or no formal education, but also require short- to long-term on-the-job training where multiple community colleges have existing programs.

- **Living Wage Criteria** – In Los Angeles County, the **typical entry-level hourly wage** for *teaching assistants, except postsecondary* is **\$15.17, which is below the self-sufficiency standard wage** (living wage) for one adult in the region (\$18.10 in Los Angeles County).²
- **Educational Criteria** – The Bureau of Labor Statistics (BLS) lists some college, no degree as the typical entry-level education for *teaching assistants, except postsecondary*.
 - National-level educational attainment data indicates that **39% of incumbent workers have completed some college or an associate degree.**

Supply:

- Between 2017 and 2020, **7 community colleges** in the LA/OC region issued awards in programs that have historically trained for the occupation of interest, conferring an average of **69 awards**.
- Between 2016 and 2019, non-community college institutions in the LA/OC region conferred an average of **18 awards in relevant program(s)**.

Occupational Demand

Exhibit 1 shows the five-year occupational demand projections for *teaching assistants, except postsecondary*. In the Los Angeles/Orange County region, the number of jobs related to this occupation is projected to increase by 1% through 2025. There will be more than 4,800 job openings per year through 2025 due to job growth and replacements.

This report includes employment projection data by Emsi which uses EDD information. Emsi’s projections are modeled on recorded (historical) employment figures and incorporate several underlying assumptions, including the assumption that the economy, during the projection period, will be at approximately full employment. To the extent that a recession or labor shock, such as the economic effects of COVID-19, can cause long-term structural change, it may impact the projections. At this time, it is not possible to quantify the full impact of COVID-19 on projections of industry and occupational employment. Therefore, the projections included in this report do not take the full impacts of COVID-19 into account.

Exhibit 1: Occupational demand in Los Angeles and Orange Counties³

Geography	2020 Jobs	2025 Jobs	2020-2025 Change	2020-2025 % Change	Annual Openings
Los Angeles	39,349	39,638	289	1%	3,679
Orange	11,419	11,813	394	3%	1,131
Total	50,768	51,451	683	1%	4,809

² Self-Sufficiency Standard wage data was pulled from The Self-Sufficiency Standard Tool for California. For more information, visit: <http://selfsufficiencystandard.org/california>.

³ 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

The labor market endorsement in this report considers the hourly wages for *teaching assistants, except postsecondary* in Los Angeles County, as they relate to the county's self-sufficiency standard wage. Orange County wages are included below in order to provide a complete analysis of the greater LA/OC region. Detailed wage information, by county, is included in Appendix A.

Los Angeles County – The typical entry-level hourly wage for *teaching assistants, except postsecondary* is \$15.17, which is **below** the self-sufficiency standard wage for one adult (\$18.10 in Los Angeles County). Experienced workers can expect to earn approximately \$21.02, which is above the self-sufficiency standard wage estimate.

Orange County – The typical entry-level hourly wage for *teaching assistants, except postsecondary* is \$15.29, which is **below** the self-sufficiency standard wage for one adult (\$20.63 in Orange County). Experienced workers can expect to earn approximately \$21.21, which is above the self-sufficiency standard wage estimate.

Job Postings

Over the past 12 months, there have been 4,506 online job postings for *teaching assistants, except postsecondary*. The highest number of job postings were for instructional assistants, teacher assistants, paraprofessionals, assistant teachers, and instructional aides. The top skills were teaching, child development, cardiopulmonary resuscitation (CPR), child care, and special education. The top employers, by number of job postings, in the region were Placentia Yorba Linda Unified, Center for Autism and Related Disorders, and Stepping Stones.

It is important to note that the job postings data included in this section reflects online job postings listed in the past 12 months and does not yet demonstrate the full impact of COVID-19. While employers have generally posted fewer online job postings since the beginning of the pandemic, the long-term effects are currently unknown.

Educational Attainment

The Bureau of Labor Statistics (BLS) lists some, no degree as the typical entry-level education for *teaching assistants, except postsecondary*. National-level educational attainment data indicates that 39% of incumbent workers have completed some college or an associate degree.

Educational Supply

Community College Supply – Exhibit 2 shows the annual and three-year average number of awards conferred by community colleges in programs that have historically trained for the occupation of interest. The community college with the most completions in the region is Santa Ana.

Exhibit 2: Regional community college awards (certificates and degrees), 2017-2020

TOP Code	Program	College	2017-18 Awards	2018-19 Awards	2019-20 Awards	3-Year Average
0802.00	Educational Aide (Teacher Assistant)	Mt San Antonio	28	23	21	24
		LA Subtotal	28	23	21	24
		Coastline	-	3	2	2
		Fullerton	11	7	-	6
		Santa Ana	2	30	11	14
		Santiago Canyon	4	6	7	6
		OC Subtotal	17	46	20	28
Supply Subtotal/Average			45	69	41	52
0802.10	Educational Aide (Teacher Assistant), Bilingual	LA Mission	1	-	1	1
		LA Subtotal	1	-	1	1
		Santiago Canyon	-	-	1	0
		OC Subtotal	-	-	1	0
Supply Subtotal/Average			1	-	2	1
0809.00	Special Education	Long Beach	1	2	1	1
		LA Subtotal	1	2	1	1
		Santa Ana	-	27	16	14
		Santiago Canyon	-	-	2	1
		OC Subtotal	-	27	18	15
Supply Subtotal/Average			1	29	19	16
Supply Total/Average			47	98	62	69

Non-Community College Supply – For a comprehensive regional supply analysis, it is important to consider the supply from other institutions in the region that may provide training programs for the occupation of interest. Exhibit 3 shows the annual and three-year average number of awards conferred in relevant programs. Due to different data collection periods, the most recent three-year period of available data is from 2016 to 2019. Between 2016 and 2019, one institution in the region conferred an average of 18 awards.

Exhibit 3: Regional non-community college awards, 2016-2019

CIP Code	Program	Institution	2016-17 Awards	2017-18 Awards	2018-19 Awards	3-Year Average
13.1001	Special Education and Teaching, General	Mount Saint Mary's University	13	27	14	18
Supply Total/Average			13	27	14	18

Appendix A: Occupational demand and wage data by county

Exhibit 4. Los Angeles County

Occupation (SOC)	2020 Jobs	2025 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)
Teaching Assistants, Except Postsecondary (25-9045)	39,349	39,638	289	1%	3,679	\$15.17	\$17.77	\$21.02

Exhibit 5. Orange County

Occupation (SOC)	2020 Jobs	2025 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)
Teaching Assistants, Except Postsecondary (25-9045)	11,419	11,813	394	3%	1,131	\$15.29	\$17.92	\$21.21

Exhibit 6. Los Angeles and Orange Counties

Occupation (SOC)	2020 Jobs	2025 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Typical Entry-Level Education
Teaching Assistants, Except Postsecondary (25-9045)	50,768	51,451	683	1%	4,809	Some college, no degree

Appendix B: Sources

- O*NET Online
- Labor Insight/Jobs (Burning Glass)
- Economic Modeling Specialists, International (Emsi)
- Bureau of Labor Statistics (BLS)
- California Employment Development Department, Labor Market Information Division, OES
- California Community Colleges Chancellor's Office Management Information Systems (MIS)
- Self-Sufficiency Standard at the Center for Women's Welfare, University of Washington
- Chancellor's Office Curriculum Inventory (COCI 2.0)

For more information, please contact:

Luke Meyer, Director
Los Angeles Center of Excellence
Lmeyer7@mtsac.edu

