

Teacher Assistants

Riverside-San Bernardino-Ontario Metropolitan Statistical Area (Riverside and San Bernardino counties combined) and California

Summary

- Employment of teacher assistants is expected to **increase by 9% through 2021, nearly 10,900 job openings** will be available over the five-year time frame.
- The **median wage for teacher assistants is above the MIT Living Wage** estimate of \$12.10 per hour for a single adult living in the Riverside-San Bernardino-Ontario MSA.
- Based on the average annual number of program completions for the selected TOP code (**20 average annual community college awards, 16 annual average other awards, 36 total**), and the annual openings for teacher assistants occupations in the local region (**2,179 annual job openings**), there appears to be an **opportunity for program growth**.
- Although there are currently no programs in the bilingual educational aides program (0802.10), employers seeking to hire teacher assistants in the local region list “bilingual” and “Spanish” as skills that they are looking for in applicants.

Job Opportunities

In 2016, there were more than 165,300 teacher assistants jobs in California. About 11% or nearly 18,400 of these job opportunities were in the local, Riverside-San Bernardino-Ontario MSA. Across the local region, employment of teacher assistants is expected to increase 9% through 2021, faster than the state overall at 7% during the same timeframe. Employers in the Riverside-San Bernardino-Ontario MSA will need to hire nearly 10,900 workers over the next five years to fill new jobs and to backfill jobs that workers are leaving (includes retirements). Appendix A, Table 1 shows additional projected job growth for teacher assistants.

Exhibit 1: Five-year projections for teacher assistants in the Riverside-San Bernardino-Ontario MSA and California

Teacher Assistants (25-9041)	2016 Jobs	5-Yr % Change 2016 to 2020 (New Jobs)	5-Yr Openings 2016 to 2020 (New + Replacement Jobs)	Annual Openings (New + Replacement Jobs)	% of workers age 55+
Riverside-San Bernardino-Ontario MSA	18,380	9%	10,896	2,179	26%
California	165,341	7%	94,626	18,925	25%

Source: EMSI 2017.3

Over the last 12 months (October 2016 to September 2017), there were 1,502 advertisements (ads) for teacher assistants in the Riverside-San Bernardino-Ontario MSA during the last 12 months. In the full-year 2016 there were 1,439 job ads; 970 job ads in 2015; 1,033 job ads in 2014; and 653 job ads in 2013. Exhibit 2 shows the job titles associated with teacher assistants in online job postings.

Of the 1,502 total job ads looking for teachers assistants in the last 12 months, 192 job ads were specifically requesting a candidate with “bilingual” or “Spanish” skills.

Exhibit 2: Top job titles for teacher assistants in the Riverside-San Bernardino-Ontario MSA during the last 12 months (Oct 2016 – Sep 2017)

Occupation	Total Job Ads	Job Ads Requesting Bilingual or Spanish Skills
Instructional Assistant	338	57
Instructional Aide	293	48
Paraeducator	270	30
Assistant Teacher	90	3
Teacher’s Aide	58	11

Source: Burning Glass – Labor Insights

Earnings

The median wage for teacher assistants is above the MIT Living Wage estimate of \$12.10 per hour for a single adult living in the Riverside-San Bernardino-Ontario MSA, See Exhibit 3 for additional wage information for teacher assistants in the Riverside-San Bernardino-Ontario MSA and California.

Exhibit 3: Earnings for teacher assistants in the Riverside-San Bernardino-Ontario MSA and California

Occupation	Entry to Experienced Hourly Earnings Range*		Avg. Annual Earnings	
	Riverside- San Bernardino-Ontario MSA	Riverside-San Bernardino Ontario MSA Median Wage	Riverside- San Bernardino-Ontario MSA	California
Teacher Assistants	\$10.75 to \$20.24	\$15.87	\$32,500	\$32,400

Source: EMSI 2017.3

*Entry Hourly is 10th percentile wage, median is 50th percentile wage, experienced is 90th percentile wage.

Work Locations, Skills, and Education

According to job ads, the top worksite regional cities for jobs in this occupational group were Riverside, San Bernardino, Palm Springs, and Rancho Cucamonga. Exhibit 4 lists the top specialized, soft, and software and programming skills that employers are seeking when looking to hire teacher assistants.

Exhibit 4: Top skills in greatest demand for teacher assistants in the Riverside-San Bernardino-Ontario MSA, Oct 2016-Sep 2017

Occupation	Specialized skills	Soft skills	Software and Programming skills
Teacher Assistants	<ul style="list-style-type: none"> Teaching Child Development Special Education Cardiopulmonary Resuscitation (CPR) Record Keeping 	<ul style="list-style-type: none"> Mathematics Physical Demand Building Effective Relationships English Bilingual Typing 	<ul style="list-style-type: none"> Microsoft Excel Microsoft Word Speech Recognition

Source: Burning Glass – Labor Insights

Exhibit 5 displays the entry-level education level education typically required to become a teacher assistant according to the Bureau of Labor Statistics, educational attainment for incumbent workers with “some college, no degree” and an “associate degree” according to the U.S. Census, and the minimum advertised education requirement requested by employers in online job ads.

Exhibit 5: Educational attainment and online job ads with minimum advertised education requirements for teacher assistants in the Riverside-San Bernardino-Ontario MSA, Oct 2016-Sep 2017

Occupations	Typical Entry-Level Education Requirement	Educational Attainment (Percentage of incumbent workers with a Community College Award or Some Postsecondary Coursework)	Minimum Advertised Education Requirement from Job Ads		
			High school diploma or vocational training	Associate degree	Bachelor’s degree or higher
Teacher Assistants	Some college, no degree	41%	93%	7%	-

Source: EMSI 2017.3, Current Population Survey, Burning Glass – Labor Insights

Industry

Exhibit 6 displays the industries that employ the most teacher assistants in the two-county region. Staffing patterns show the industries that employ the most workers of a specific occupation.

Exhibit 6: Top industries employing teacher assistants in the Riverside-San Bernardino-Ontario MSA

Occupation	Top Industries Staffing Pattern (NAICS)	Top Industries Job Ads (NAICS)
Teacher Assistants	<ul style="list-style-type: none"> Education and Hospitals (Local Government) (9036) 	<ul style="list-style-type: none"> Elementary and Secondary Schools (6111)

Source: EMSI 2017.3, Burning Glass – Labor Insights

Student Completions

Exhibit 7 shows the annual average regional community college awards (associate degrees and certificates) conferred during the three academic years between 2013 and 2016, as well as other awards granted outside the California Community Colleges from 2012-2015, with the relevant TOP code. Please note, an award is not equivalent to a single person in search of a job opening since a student may earn more than one award, such as an associate degree in addition to a certificate.

Community College student outcome information was obtained from the CTE LaunchBoard based on the selected TOP code(s) and region:

Exhibit 7: Annual average community college student completions for the educational aide program in the Riverside-San Bernardino-Ontario MSA

0802.00 – Educational Aide (Teacher Assistant)	Annual Avg. CC Headcount (2015-16)	CC Annual Avg. Awards (2013-16)	Other Educational Institutions Annual Avg. Certificates or Other Credit Awards (2012-15)
Riverside County Office of Education			
Award < 1 academic yr			16
Chaffey	125		
Associate Degree		11	
Certificate 18 to < 30 semester units		6	
Certificate 6 to < 18 semester units		1	
Moreno Valley			
Associate Degree		1	
Certificate 30 to < 60 semester units		1	
Riverside			
Associate Degree		1	
Certificate 30 to < 60 semester units		1	
Mt. San Jacinto	54		
Norco	16		
Total CC Headcount (2015-16)	195		
Total annual average community college awards		20	
Total annual average other awards			16

Source: LaunchBoard, IPEDS



0802.00 – Educational Aide (Teacher Assistant) program outcomes in the Riverside-San Bernardino-Ontario MSA in academic year 2014-15:

*No outcome data available for this TOP due to low completions.

There is no enrollment or completion information available for 0802.10 – Educational Aide (Teacher Assistant), Bilingual

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
- CTE LaunchBoard
- Statewide CTE Outcomes Survey
- Living Insight Center for Community Economic Development
- California Community Colleges Chancellor’s Office Management Information Systems (MIS)

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Appendix A: Occupation definitions, five-year projections, and earnings for teacher assistants

Occupation Definitions (SOC code), Education and Training Requirement, Community College Education Attainment

Teacher Assistants (25-9041)

Perform duties that are instructional in nature or deliver direct services to students or parents. Serve in a position for which a teacher has ultimate responsibility for the design and implementation of educational programs and services.

Entry-Level Educational Requirement: Some college, no degree

Training Requirement: None

Percentage of incumbent workers with a Community College Award or Some Postsecondary Coursework: 41%

Table 1. 2016 to 2021 job growth for teacher assistants, Riverside-San Bernardino-Ontario MSA

Occupation (SOC)	2016 Jobs	2021 Jobs	5-Yr Change	5-Yr % Change	5-Yr Openings (New + Replacement Jobs)	Annual Openings (New + Replacement Jobs)
Teacher Assistants (25-9041)	18,380	20,082	1,702	9%	10,896	2,179

Source: EMSI 2017.3