



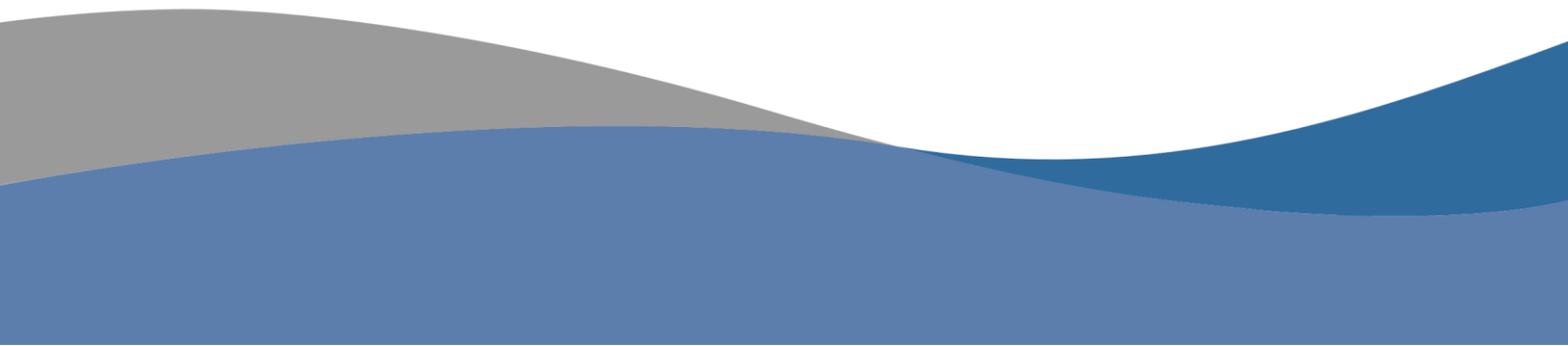
# Education Report

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## Education, General

California

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# Definition of Education, General, CIP 13.0101

A program that focuses on the general theory and practice of learning and teaching, the basic principles of educational psychology, the art of teaching, the planning and administration of educational activities, school safety and health issues, and the social foundations of education.

# Awards

The table below is a list of postsecondary awards in CIP 13.0101 that were granted by institutions located in California in the 2021 academic year.

Schools	Certs & 2yr Awards <sup>1</sup>	4yr Awards <sup>2</sup>	Post-Grad Awards <sup>3</sup>	Avg Net Price <sup>4</sup>
National University			1,075	\$9,966
Northcentral University		13	693	
Ashford University		192	215	\$23,585
University of California-Irvine		357	11	\$11,633
Teachers College of San Joaquin	249		58	
Cuesta College	286			\$14,586
Azusa Pacific University			259	\$27,112
California State University-Fullerton			255	\$4,939
California Baptist University			247	\$23,494
San Jose State University			233	\$14,603
University of California-Los Angeles			222	\$13,393
University of Massachusetts Global			196	\$26,346
University of California-Riverside			195	\$13,502
University of California-Santa Barbara		75	112	\$17,333
California State University-Sacramento		2	143	\$7,778
San Diego State University			145	\$6,867
California State University-Dominguez Hills			141	\$4,500
Point Loma Nazarene University			140	\$34,851
California State University-Bakersfield			136	\$7,368
University of San Francisco			131	\$39,825
California State University-Los Angeles		13	116	\$2,695
San Francisco State University			128	\$13,641
University of California-San Diego		44	83	\$15,632
California State University-Fresno		4	117	\$6,336
California State University-Stanislaus			105	\$7,230
University of California-Davis			100	\$16,640
California State University-Long Beach			91	\$9,171
University of San Diego			89	\$34,155
California State University-Monterey Bay			68	\$6,085

Schools	Certs & 2yr Awards <sup>1</sup>	4yr Awards <sup>2</sup>	Post-Grad Awards <sup>3</sup>	Avg Net Price <sup>4</sup>
Stanford University			68	\$14,402
Biola University		16	45	\$29,123
Chapman University		59		\$40,451
Claremont Graduate University		8	50	
California State University-San Bernardino			46	\$3,254
University of California-Berkeley		9	36	\$17,652
California State University-San Marcos			43	\$14,296
California State Polytechnic University-Pomona			42	\$12,942
California State University-Northridge			33	\$8,708
Loyola Marymount University			32	\$40,180
Mount Saint Mary's University		15	15	\$24,508
Hope International University		28		\$18,801
Sonoma State University			28	\$7,055
California State University-Chico			26	\$13,749
California State University-East Bay			25	\$12,631
Whittier College			24	\$22,091
Palomar College	23			\$6,659
Vanguard University of Southern California		23		\$20,427
High Tech High Graduate School of Education			21	
Mills College		2	19	\$25,283
California State University-Channel Islands			17	\$14,493
Simpson University			17	\$25,311
Antioch University-Santa Barbara			16	
Notre Dame de Namur University			16	\$28,243
California State Polytechnic University-Humboldt			12	\$13,904
Touro University Worldwide	11			\$18,121
Antioch University-Los Angeles			10	
Saint Mary's College of California			9	\$25,022
Westcliff University		6		\$25,201
Dominican University of California		1	3	\$45,001
The Master's University and Seminary			3	\$30,748
Los Angeles Southwest College	1			\$8,651

Schools	Certs & 2yr Awards <sup>1</sup>	4yr Awards <sup>2</sup>	Post-Grad Awards <sup>3</sup>	Avg Net Price <sup>4</sup>
California Polytechnic State University-San Luis Obispo				\$20,708
College of the Sequoias				\$5,205
Evergreen Valley College				\$15,650
Fresno Pacific University				\$15,350
Holy Names University				\$21,515
La Sierra University				\$25,230
Mendocino College				\$8,465
Pepperdine University				\$40,945
Shasta Bible College and Graduate School				\$20,489
University of California-Santa Cruz				\$19,615
University of La Verne				\$22,538
University of Redlands				\$21,578
University of Southern California				\$26,021
University of the Pacific				\$21,311
<b>Total</b>	<b>570</b>	<b>867</b>	<b>6,160</b>	

1. Undergraduate certificates and associate's degrees

2. Bachelor's degrees and post-baccalaureates

3. Master's, post-master's, and doctorates

4. Average net price represents full-time beginning undergraduate students who paid the in-state or in-district tuition rate and were awarded grant or scholarship aid from federal, state or local governments, or the institution. Data as of the 2020-2021 academic year.

Awards data are per the National Center for Education Statistics (NCES) and JobsEQ for the 2021 academic year. Any programs shown here reflect only data reported to the NCES; reporting is required of all schools participating in any federal finance assistance program authorized by Title IV of the Higher Education Act of 1965, as amended—other training providers in the region that do not report data to the NCES are not reflected in the above.

# Occupation Crosswalk

The below table lists all occupations linked with the program, Education, General, CIP 13.0101.

		Education and Training Requirements			No College	Educational Attainment			
		Typical Education Needed for Entry	Work Experience in a Related Occupation	Typical On-the-Job Training Needed to Attain Competency in the Occupation		Some College, No Degree	Associate's Degree	Bachelor's Degree	Postgraduate Degree
11-9031	Education and Childcare Administrators, Preschool and Daycare	Bachelor's degree	Less than 5 years	None	3%	4%	3%	26%	63%
11-9032	Education Administrators, Kindergarten through Secondary	Master's degree	5 years or more	None	4%	5%	4%	26%	61%
11-9033	Education Administrators, Postsecondary	Master's degree	Less than 5 years	None	3%	4%	3%	26%	64%
11-9039	Education Administrators, All Other	Bachelor's degree	Less than 5 years	None	3%	4%	3%	26%	64%
21-1012	Educational, Guidance, and Career Counselors and Advisors	Master's degree	None	None	3%	3%	2%	23%	69%
25-1081	Education Teachers, Postsecondary	Doctoral or professional degree	Less than 5 years	None	1%	1%	1%	14%	83%
25-2011	Preschool Teachers, Except Special Education	Associate's degree	None	None	9%	14%	12%	43%	22%
25-2012	Kindergarten Teachers, Except Special Education	Bachelor's degree	None	None	10%	15%	13%	42%	20%
25-2021	Elementary School Teachers, Except Special Education	Bachelor's degree	None	None	0%	2%	2%	45%	51%
25-2022	Middle School Teachers, Except Special and Career/Technical Education	Bachelor's degree	None	None	0%	2%	2%	45%	51%
25-2023	Career/Technical Education Teachers, Middle School	Bachelor's degree	Less than 5 years	None	0%	2%	2%	45%	51%
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	Bachelor's degree	None	None	0%	2%	1%	41%	56%
25-2032	Career/Technical Education Teachers, Secondary School	Bachelor's degree	Less than 5 years	None	0%	1%	1%	41%	57%
25-2051	Special Education Teachers, Preschool	Bachelor's degree	None	None	3%	3%	3%	35%	56%
25-2052	Special Education Teachers, Kindergarten and Elementary School	Bachelor's degree	None	None	3%	4%	3%	35%	55%
25-2057	Special Education Teachers, Middle School	Bachelor's degree	None	None	3%	3%	3%	35%	56%
25-2058	Special Education Teachers, Secondary School	Bachelor's degree	None	None	3%	4%	3%	35%	56%
25-2059	Special Education Teachers, All Other	Bachelor's degree	None	None	3%	3%	3%	35%	56%

		Education and Training Requirements			Educational Attainment				
		Typical Education Needed for Entry	Work Experience in a Related Occupation	Typical On-the-Job Training Needed to Attain Competency in the Occupation	No College	Some College, No Degree	Associate's Degree	Bachelor's Degree	Postgraduate Degree
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	Bachelor's degree	None	None	8%	11%	7%	42%	31%
25-3021	Self-Enrichment Teachers	High school diploma or equivalent	Less than 5 years	None	8%	11%	7%	42%	32%
25-3031	Substitute Teachers, Short-Term	Bachelor's degree	None	None	9%	12%	8%	41%	29%
25-3099	Teachers and Instructors, All Other	Bachelor's degree	None	None	8%	11%	7%	42%	31%
25-9031	Instructional Coordinators	Master's degree	5 years or more	None	3%	5%	4%	29%	60%
25-9045	Teaching Assistants, Except Postsecondary	Some college, no degree	None	None	24%	19%	15%	30%	12%
25-9099	Educational Instruction and Library Workers, All Other	Bachelor's degree	None	None	3%	5%	4%	29%	59%

Education and training requirements are from the Bureau of Labor Statistics (BLS); educational attainment mix are regional data modeled by Chmura using Census educational attainment data projected to 2022Q4 along with source data from the BLS

#### Definition of Education and Childcare Administrators, Preschool and Daycare (11-9031)

Plan, direct, or coordinate academic or nonacademic activities of preschools or childcare centers and programs, including before- and after-school care.

#### Definition of Education Administrators, Kindergarten through Secondary (11-9032)

Plan, direct, or coordinate the academic, administrative, or auxiliary activities of kindergarten, elementary, or secondary schools.

#### Definition of Education Administrators, Postsecondary (11-9033)

Plan, direct, or coordinate student instruction, administration, and services, as well as other research and educational activities, at postsecondary institutions, including universities, colleges, and junior and community colleges.

#### Definition of Education Administrators, All Other (11-9039)

All education administrators not listed separately.

#### Definition of Educational, Guidance, and Career Counselors and Advisors (21-1012)

Advise and assist students and provide educational and vocational guidance services.

#### Definition of Education Teachers, Postsecondary (25-1081)

Teach courses pertaining to education, such as counseling, curriculum, guidance, instruction, teacher education, and teaching English as a second language. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.

#### Definition of Preschool Teachers, Except Special Education (25-2011)

Instruct preschool-aged students, following curricula or lesson plans, in activities designed to promote social, physical, and intellectual growth.

#### Definition of Kindergarten Teachers, Except Special Education (25-2012)

Teach academic and social skills to kindergarten students.

#### Definition of Elementary School Teachers, Except Special Education (25-2021)

Teach academic and social skills to students at the elementary school level.

#### Definition of Middle School Teachers, Except Special and Career/Technical Education (25-2022)

Teach one or more subjects to students at the middle, intermediate, or junior high school level.

#### Definition of Career/Technical Education Teachers, Middle School (25-2023)

Teach occupational, vocational, career, or technical subjects to students at the middle, intermediate, or junior high school level.

#### Definition of Secondary School Teachers, Except Special and Career/Technical Education (25-2031)

Teach one or more subjects to students at the secondary school level.



**Definition of Career/Technical Education Teachers, Secondary School (25-2032)**

Teach occupational, vocational, career, or technical subjects to students at the secondary school level.

**Definition of Special Education Teachers, Preschool (25-2051)**

Teach academic, social, and life skills to preschool-aged students with learning, emotional, or physical disabilities. Includes teachers who specialize and work with students who are blind or have visual impairments; students who are deaf or have hearing impairments; and students with intellectual disabilities.

**Definition of Special Education Teachers, Kindergarten and Elementary School (25-2052)**

Teach elementary school subjects to educationally and physically handicapped students. Includes teachers who specialize and work with audibly and visually handicapped students and those who teach basic academic and life processes skills to the mentally impaired. Substitute teachers are included in "Teachers and Instructors, All Other" (25-3099).

**Definition of Special Education Teachers, Middle School (25-2057)**

Teach academic, social, and life skills to middle school students with learning, emotional, or physical disabilities. Includes teachers who specialize and work with students who are blind or have visual impairments; students who are deaf or have hearing impairments; and students with intellectual disabilities.

**Definition of Special Education Teachers, Secondary School (25-2058)**

Teach academic, social, and life skills to secondary school students with learning, emotional, or physical disabilities. Includes teachers who specialize and work with students who are blind or have visual impairments; students who are deaf or have hearing impairments; and students with intellectual disabilities.

**Definition of Special Education Teachers, All Other (25-2059)**

All special education teachers not listed separately.

**Definition of Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors (25-3011)**

Teach or instruct out-of-school youths and adults in basic education, literacy, or English as a Second Language classes, or in classes for earning a high school equivalency credential.

**Definition of Self-Enrichment Teachers (25-3021)**

Teach or instruct individuals or groups for the primary purpose of self-enrichment or recreation, rather than for an occupational objective, educational attainment, competition, or fitness.

**Definition of Substitute Teachers, Short-Term (25-3031)**

Teach students on a short-term basis as a temporary replacement for a regular classroom teacher, typically using the regular teacher's lesson plan.

**Definition of Teachers and Instructors, All Other (25-3099)**

All teachers and instructors not listed separately.

**Definition of Instructional Coordinators (25-9031)**

Develop instructional material, coordinate educational content, and incorporate current technology into instruction in order to provide guidelines to educators and instructors for developing curricula and conducting courses. May train and coach teachers. Includes educational consultants and specialists, and instructional material directors.

**Definition of Teaching Assistants, Except Postsecondary (25-9045)**

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. Excludes "Graduate Teaching Assistants" (25-1191).

**Definition of Educational Instruction and Library Workers, All Other (25-9099)**

All educational instruction and library workers not listed separately.

# Occupation Details

As of 2022Q4, total employment for occupations linked to Education, General in California was 884,142. Over the past three years, linked occupations shed 25,606 jobs in the region and are expected to need in aggregate approximately 608,164 newly trained workers over the next seven years.

Snapshot of Occupations Linked to Education, General in California<sup>1</sup>

SOC	Occupation	Current						3-Year History	7-Year Forecast				
		Empl	Mean Ann Wages <sup>2</sup>	LQ	Unempl	Unempl Rate	Online Job Ads <sup>3</sup>	Ann %	Total Demand	Exits	Transfers	Empl Growth	Avg Ann Growth %
25- 2021	Elementary School Teachers, Except Special Education	152,535	\$91,500	0.94	4,194	2.7%	3,181	-1.1%	80,989	36,628	42,015	2,346	0.2%
25- 9045	Teaching Assistants, Except Postsecondary	136,468	\$42,000	0.94	7,020	4.9%	2,368	-1.4%	117,012	58,212	55,302	3,497	0.4%
25- 2031	Secondary School Teachers, Except Special and Career/Technical Education	105,321	\$100,400	0.85	2,531	2.4%	2,021	-1.0%	52,871	21,638	29,100	2,132	0.3%
25- 9099	Educational Instruction and Library Workers, All Other	62,421	\$59,600	3.16	1,954	3.1%	n/a	-0.9%	43,313	21,952	18,816	2,546	0.6%
25- 2011	Preschool Teachers, Except Special Education	58,430	\$44,500	1.02	1,722	2.9%	3,143	-1.6%	51,692	19,901	26,390	5,401	1.3%
25- 3031	Substitute Teachers, Short-Term	56,273	\$47,200	1.18	1,961	3.4%	649	-0.3%	49,037	24,839	21,174	3,024	0.8%
25- 3021	Self-Enrichment Teachers	52,365	\$58,500	1.21	1,739	3.3%	940	-1.3%	53,396	24,534	20,914	7,948	2.0%
25- 2022	Middle School Teachers, Except Special and Career/Technical Education	49,646	\$97,600	0.70	1,386	2.7%	2,339	-1.0%	26,302	11,914	13,666	722	0.2%
21- 1012	Educational, Guidance, and Career Counselors and Advisors	33,905	\$86,900	0.91	801	2.4%	684	-1.7%	21,724	7,606	12,268	1,850	0.8%
11- 9032	Education Administrators, Kindergarten through Secondary	26,734	\$135,000	0.78	334	1.2%	783	-0.8%	14,572	5,304	8,714	554	0.3%
25- 3099	Teachers and Instructors, All Other	23,764	\$81,700	1.26	447	1.9%	1,362	5.4%	20,660	10,482	8,935	1,243	0.7%
25- 2052	Special Education Teachers, Kindergarten and Elementary School	19,356	\$84,900	0.87	376	1.9%	886	-2.1%	10,361	4,658	5,343	359	0.3%
11- 9033	Education Administrators, Postsecondary	18,235	\$136,200	0.92	220	1.2%	3,143	0.2%	10,338	3,655	6,005	678	0.5%
25- 9031	Instructional Coordinators	17,728	\$81,400	0.74	568	3.2%	971	-0.5%	12,376	6,246	5,354	776	0.6%
25- 2012	Kindergarten Teachers, Except Special Education	12,123	\$89,500	0.81	375	3.0%	166	-1.8%	9,425	3,950	5,237	238	0.3%
25- 2058	Special Education Teachers, Secondary School	11,108	\$105,200	0.65	219	2.0%	119	-1.0%	5,934	2,672	3,064	198	0.3%
11- 9031	Education and Childcare Administrators, Preschool and Daycare	9,077	\$60,800	1.02	111	1.2%	259	-0.2%	5,286	1,833	3,011	442	0.7%
25- 2059	Special Education Teachers, All Other	6,921	\$81,200	1.52	134	1.9%	1,389	0.6%	3,948	1,694	1,943	311	0.6%
11- 9039	Education Administrators, All Other	6,876	\$110,300	1.15	83	1.2%	2	1.4%	4,276	1,415	2,324	537	1.1%
25- 2057	Special Education Teachers, Middle School	6,848	\$95,200	0.73	136	2.0%	251	-1.2%	3,638	1,645	1,887	106	0.2%

### Snapshot of Occupations Linked to Education, General in California<sup>1</sup>

SOC	Occupation	Current						3-Year History	7-Year Forecast				
		Empl	Mean Ann Wages <sup>2</sup>	LQ	Unempl	Unempl Rate	Online Job Ads <sup>3</sup>	Ann %	Total Demand	Exits	Transfers	Empl Growth	Avg Ann Growth %
25- 2032	Career/Technical Education Teachers, Secondary School	6,818	\$113,800	0.66	171	2.5%	324	-1.1%	3,376	1,396	1,878	102	0.2%
25- 3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	5,119	\$89,500	1.00	153	2.9%	77	-7.3%	3,814	2,144	1,828	-158	-0.4%
25- 1081	Education Teachers, Postsecondary	4,831	\$98,800	0.70	90	1.9%	131	-1.0%	3,110	1,565	1,322	224	0.6%
25- 2051	Special Education Teachers, Preschool	990	\$81,600	0.38	21	2.1%	336	1.5%	589	245	281	63	0.9%
25- 2023	Career/Technical Education Teachers, Middle School	249	\$101,500	0.18	8	2.9%	2	-0.6%	125	59	67	-2	-0.1%
<b>Total - Linked Occupations</b>		<b>884,142</b>	<b>\$76,700</b>	<b>0.97</b>	<b>26,754</b>	<b>3.0%</b>	<b>25,526</b>	<b>-0.9%</b>	<b>608,164</b>	<b>276,187</b>	<b>296,839</b>	<b>35,137</b>	<b>0.6%</b>
<b>Total - All Occupations</b>		<b>19,219,968</b>	<b>\$71,900</b>	<b>1.00</b>	<b>797,161</b>	<b>4.1%</b>	<b>549,411</b>	<b>0.6%</b>	<b>17,029,863</b>	<b>6,722,656</b>	<b>9,379,252</b>	<b>927,955</b>	<b>0.7%</b>

Source: [JobsEQ®](#)

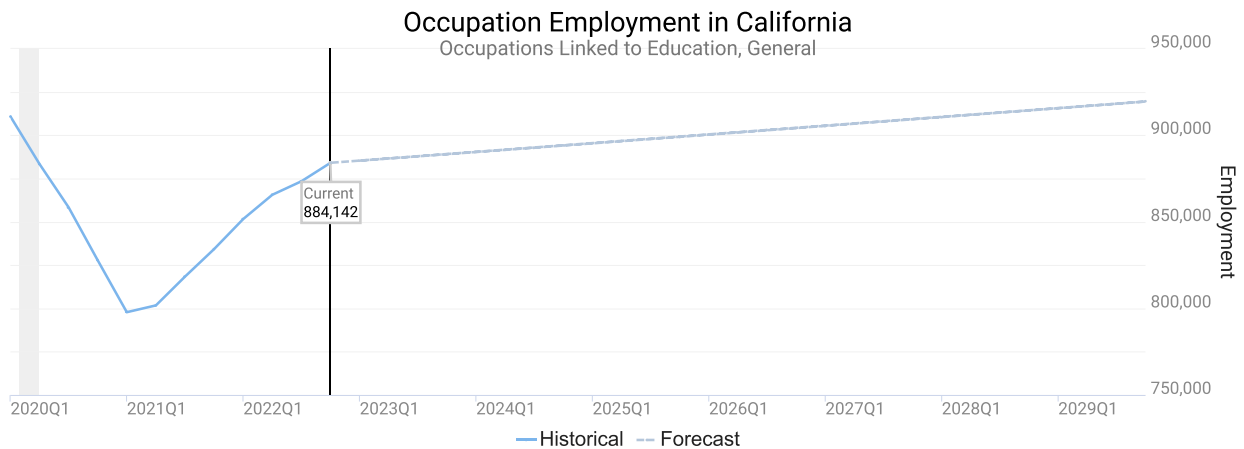
Data as of 2022Q4 unless noted otherwise

Note: Figures may not sum due to rounding.

1. Data based on a four-quarter moving average unless noted otherwise.

2. Wage data represent the average for all Covered Employment

3. Data represent found online ads active within the last thirty days in the selected region. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list). Ad counts for ZCTA-based regions are estimates.



Source: JobsEQ®. Data as of 2022Q4. The shaded areas of the graph represent national recessions.

Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2022Q3, imputed where necessary with preliminary estimates updated to 2022Q4. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns. Occupation unemployment figures are imputed by Chmura.

# Employment by Industry

The table illustrates the industries in California which most employ occupations linked to Education, General. The single industry most employing these occupations in the region is Elementary and Secondary Schools, NAICS 6111. This industry employs 626,419 workers in the linked occupations—employment which is expected to increase by 17,780 jobs over the next ten years; furthermore, 548,587 additional new workers in these linked occupations will be needed for this industry due to separation demand, that is, to replace workers in this occupation and industry that retire or move into a different occupation.

**Industry Distribution for Occupations Linked to Education, General in California**

NAICS Code	Industry Title	Current			10-Year Demand		
		% of Occ Empl	Empl	Exits	Transfers	Empl Growth	Total Demand
6111	Elementary and Secondary Schools	70.9%	626,419	262,354	286,233	17,780	566,368
6113	Colleges, Universities, and Professional Schools	6.2%	54,396	23,461	25,438	5,057	53,956
6244	Child Care Services	5.7%	50,650	24,875	31,049	6,439	62,363
6116	Other Schools and Instruction	5.2%	46,050	30,061	26,358	12,323	68,743
6112	Junior Colleges	2.2%	19,396	8,292	8,708	-471	16,529
8131	Religious Organizations	2.1%	18,475	9,243	10,112	1,047	20,402
6117	Educational Support Services	1.4%	12,747	6,871	6,498	1,825	15,193
6241	Individual and Family Services	1.2%	10,783	5,894	6,399	2,958	15,250
6115	Technical and Trade Schools	0.6%	5,712	2,292	2,714	137	5,143
5613	Employment Services	0.6%	4,876	2,763	2,583	371	5,716
	All Others	3.9%	34,638	18,554	18,078	3,482	40,114

Source: JobsEQ®

Data as of 2022Q4 except wages which are as of 2021. Note that occupation-by-industry wages represent adjusted national data and may not be consistent with regional, all-industry occupation wages shown elsewhere in JobsEQ.

Note: Figures may not sum due to rounding.

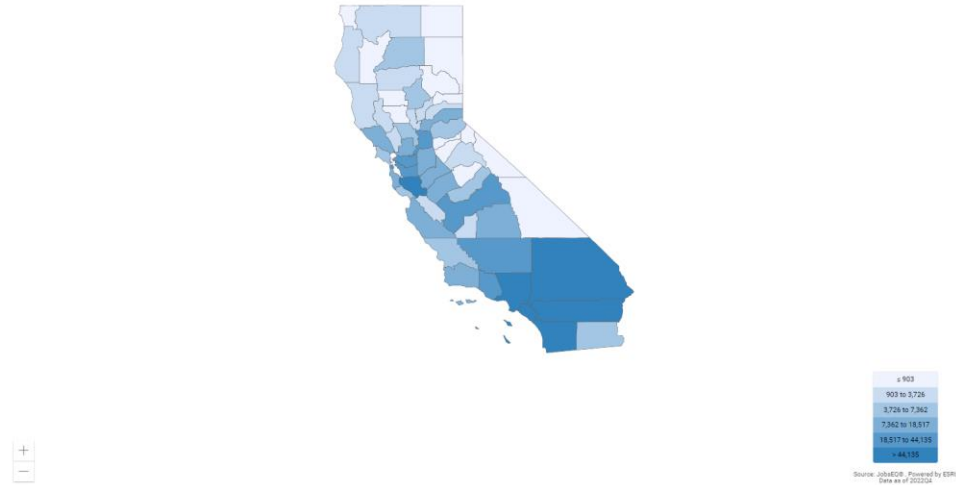
Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2022Q3, imputed where necessary with preliminary estimates updated to 2022Q4. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

# Geographic Distribution

The map below illustrates the county-level distribution of employed workers in California in occupations linked to Education, General. Employment is shown by place of work.

California, Occupation Concentration by Place of Work for Occupations Linked to Education, General

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## Top Counties with Employment Linked to Education, General, 2022Q4

Region	Employment
Los Angeles County, California	221,928
San Diego County, California	75,544
Orange County, California	71,700
Riverside County, California	46,851
San Bernardino County, California	45,432
Santa Clara County, California	44,135
Alameda County, California	36,581
Sacramento County, California	32,916
Fresno County, California	26,224
San Francisco County, California	23,398

Source: JobsEQ®

Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2022Q3, imputed where necessary with preliminary estimates updated to 2022Q4.

# Demographic Profile

The population in California was 39,346,023 per American Community Survey data for 2016-2020.

Of individuals 25 to 64 in California, 35.4% have a bachelor's degree or higher which compares with 34.3% in the nation. Per American Community Survey 2016-2020 estimates, the region has about 576,714 students enrolled in grade 12.

## Summary<sup>1</sup>

	Percent		Value	
	California	USA	California	USA
<b>Demographics</b>				
Population (ACS)	—	—	39,346,023	326,569,308
Male	49.7%	49.2%	19,562,882	160,818,530
Female	50.3%	50.8%	19,783,141	165,750,778
Median Age <sup>2</sup>	—	—	36.7	38.2
Under 18 Years	22.8%	22.4%	8,956,641	73,296,738
18 to 24 Years	9.5%	9.3%	3,724,239	30,435,736
25 to 34 Years	15.3%	13.9%	6,007,913	45,485,165
35 to 44 Years	13.3%	12.7%	5,233,903	41,346,677
45 to 54 Years	12.8%	12.7%	5,039,155	41,540,736
55 to 64 Years	12.0%	12.9%	4,739,675	42,101,439
65 to 74 Years	8.3%	9.4%	3,270,380	30,547,950
<b>Population Growth</b>				
Population (Pop Estimates) <sup>4</sup>	—	—	39,029,342	333,287,557
Population Annual Average Growth <sup>4</sup>	0.3%	0.6%	108,479	1,940,990
People per Square Mile	—	—	250.4	94.3
<b>Educational Attainment, Age 25-64</b>				
No High School Diploma	15.2%	10.5%	3,199,850	17,929,220
High School Graduate	20.4%	25.4%	4,282,776	43,289,555
Some College, No Degree	21.0%	20.5%	4,412,172	34,959,338
Associate's Degree	8.0%	9.3%	1,678,082	15,776,790
Bachelor's Degree	22.6%	21.6%	4,741,354	36,888,244
Postgraduate Degree	12.9%	12.7%	2,706,412	21,630,870
<b>Social</b>				
Poverty Level (of all people)	12.6%	12.8%	4,853,434	40,910,326
Households Receiving Food Stamps/SNAP	9.0%	11.4%	1,183,873	13,892,407
Enrolled in Grade 12 (% of total population)	1.5%	1.3%	576,714	4,358,865
Disconnected Youth <sup>3</sup>	1.9%	2.5%	38,451	433,164
Children in Single Parent Families (% of all children)	32.8%	34.0%	2,796,858	23,628,508
Uninsured	7.2%	8.7%	2,806,173	28,058,903
Speak English Less Than Very Well (population 5 yrs and over)	17.4%	8.2%	6,432,102	25,312,024

Source: [JobsEQ®](https://www.chmuraecon.com/jobseq)

1. American Community Survey 2016-2020, unless noted otherwise

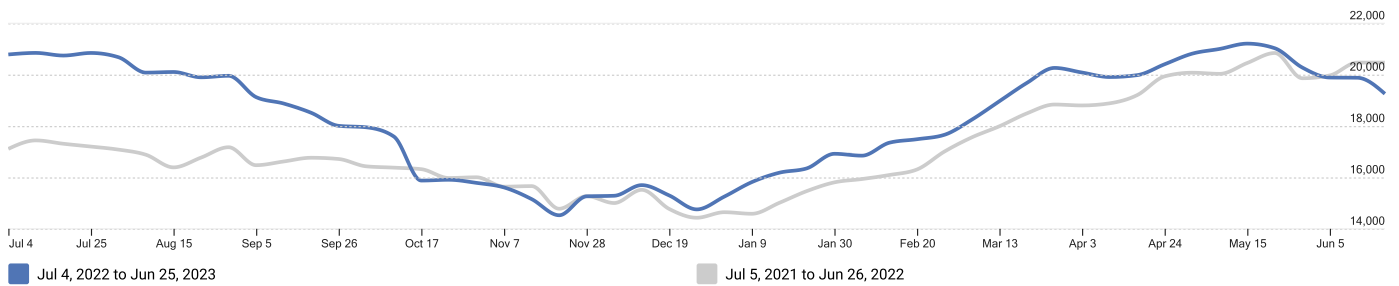
2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

3. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.

4. Census Population Estimate for 2022, annual average growth rate since 2012. Post-2019 data for Connecticut counties are imputed by Chmura.

# RTI (Job Postings)

Active Job Ads by Date





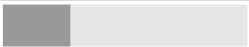

## Occupations

SOC	Occupation	Active Job Ads
25- 2011.00	Preschool Teachers, Except Special Education	14,676
11- 9033.00	Education Administrators, Postsecondary	14,255
25- 2021.00	Elementary School Teachers, Except Special Education	11,228
25- 2022.00	Middle School Teachers, Except Special and Career/Technical Education	8,463
25- 2031.00	Secondary School Teachers, Except Special and Career/Technical Education	7,750
25- 3099.00	Teachers and Instructors, All Other	5,645
25- 9043.00	Teaching Assistants, Special Education	5,103
25- 9031.00	Instructional Coordinators	4,882
25- 9042.00	Teaching Assistants, Preschool, Elementary, Middle, and Secondary School, Except Special Education	4,120
25- 3021.00	Self-Enrichment Teachers	4,093

## Locations

Location	Active Job Ads
Los Angeles, California	2,066
San Francisco, California	1,287
University of California Los Angeles	840
San Diego, California	835
Oakland, CA 94607	809
Oakland, California	689

## Locations

Location	Active Job Ads	
San Jose, California	687	
University of California Berkeley	611	
Sacramento, California	571	
University of Southern California (USC)	509	



### Employers

Employer Name	Active Job Ads	
KinderCare Education	2,590	
Oakland Unified School District	2,035	
Learning Care Group	1,614	
Los Angeles, California	1,332	
Community Action Partnership of San Luis Obispo	1,103	
Bright Horizons	1,026	
Procare Therapy	961	
Child Development Centers and Continuing Development	960	
CorePower Yoga	875	
Berkeley, California	776	

### Certifications

Certificate Name	Active Job Ads	
Certification in Cardiopulmonary Resuscitation (CPR)	6,594	
First Aid Certification	4,649	
Child Development Associate (CDA)	2,605	
Driver's License	2,601	
AED Essentials	929	
Registered Nurse (RN)	131	
Basic Life Support (BLS)	104	
Registered Behavior Technician (RBT)	102	
Board Certified Behavior Analyst (BCBA)	92	
Licensed Clinical Social Worker (LCSW)	89	

### Hard Skills

Skill Name	Active Job Ads	
Teaching/Training, School	48,063	
Working With Children	7,888	
Spanish	7,370	
Child Care/Babysitting	5,500	
Microsoft Office	5,450	
English	5,401	
Bilingual	5,285	
Microsoft Excel	5,055	
Mathematics	4,880	
Ability to Lift 31-40 lbs.	4,421	

### Soft Skills

Skill Name	Active Job Ads	
Communication (Verbal and written skills)	44,654	
Cooperative/Team Player	22,656	
Organization	13,403	
Interpersonal Relationships/Maintain Relationships	11,264	
Problem Solving	9,240	
Self-Motivated/Ability to Work Independently/Self Leadership	8,974	
Supervision/Management	8,894	
Adaptability/Flexibility/Tolerance of Change and Uncertainty	6,854	
Good Judgment	6,582	
Customer Service	6,397	

### Job Titles

Job Title	Active Job Ads	
Preschool Teacher	1,177	
Special Education Teacher	714	
Teacher	638	
Substitute Teacher	476	
Infant/Toddler Teacher	352	
Child Care Teacher	307	
Assistant Teacher	283	
Associate Teacher	282	
Teacher Assistant	240	
Instructional Assistant	239	

### Job Types

Type	Active Job Ads	
Full-Time	63,385	
Part-Time	29,193	
Temporary (unspecified)	5,701	
Permanent	3,802	
Temporary (long-term)	2,412	
Remote	2,020	
Temporary (short-term)	100	
Temp-to-Hire	44	
Remote Not Indicated	103,279	

### Programs

Program Name	Active Job Ads	
Education	3,073	
Child Development	3,019	
Early Childhood Education	1,779	
Special Education	1,692	
Mathematics	1,288	
Counseling	1,227	
Psychology	944	
Social Work	912	
Business Administration	911	
Social Science	693	

### Education Levels

Minimum Education Level	Active Job Ads	
Bachelor's degree	26,589	
High school diploma or equivalent	13,080	
Master's degree	6,552	
Associate's degree	5,481	
Doctoral or professional degree	757	
Unspecified/other	52,840	

# California Regional Map



# FAQ

## What is CIP?

The 2010 Classification of Instructional Programs (CIP) is taxonomy of instructional program classifications and descriptions. It was developed and has been updated by the U.S. Department of Education's National Center for Education Statistics (NCES).

## What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 804 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 22 major groups, 95 minor groups, and 452 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

## What is the source of the job ads?

Job ads data are online job posts from the Real-Time Intelligence (RTI) data set, produced wholly by Chmura and gleaned from over 40,000 websites. Data reflect ads active during the last twelve month period ending 06/29/2023 and advertised for any Zip Code Tabulation Area in or intersecting with the region for which this report was produced. Historical ad volume is revised as additional data are made available and processed. Since many extraneous factors can affect short-term volume of online job postings, time-series data can be volatile and should be used with caution. All ad counts represent deduplicated figures.

## What is the program-to-occupation crosswalk?

Training programs are classified according to the Classification of Instructional Programs (CIP codes). For relating training programs, this report uses a modified version of the CIP to SOC crosswalk from the National Center for Education Statistics (NCES). While this is a very helpful crosswalk for estimating occupation production from training program awards data, the crosswalk is neither perfect nor comprehensive. Indeed, it is hard to imagine such a crosswalk being perfect since many training program graduates for one reason or another do not end up employed in occupations that are most related to the training program from which they graduated. Therefore, the education program analyses should be considered in this light.

As an example of the many scenarios that may unfold, consider a journalism degree that crosswalks into three occupations: editors, writers, and postsecondary communications teachers. Graduates with a journalism degree may get a job in one of these occupations—and that may be the most-likely scenario—but a good number of these graduates may get a job in a different occupation altogether (the job may be somewhat related, such as a reporter, or the job may be totally unrelated, such as a real estate agent). Furthermore, a graduate may stay in school or go back to school for a degree that will lead to other occupation possibilities. Still another possibility includes the graduate not entering the labor market (maybe being unemployed, being a non-participant, or moving to another region).

## What is separation demand?

Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The total projected demand for an occupation is the sum of the separation demand and the growth

demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

### **What is a location quotient?**

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an occupation (or industry) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

### **What is NAICS?**

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the “all industry” level to the 6-digit level. The first two digits define the top level category, known as the “sector,” which is the level examined in this report.

#### **About This Report**

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