



Education Report

Social Sciences, General

California



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Definition of Social Sciences, General, CIP 45.0101

A program that focuses on the general study of human social behavior and social institutions using any of the methodologies common to the social sciences and/or history, or an undifferentiated program of study in the social sciences.

Awards

The table below is a list of postsecondary awards in CIP 45.0101 that were granted by institutions located in California in the 2021 academic year.

Schools	Certs & 2yr Awards ¹	4yr Awards ²	Post-Grad Awards ³	Avg Net Price ⁴
East Los Angeles College	1,106			\$12,028
Sierra College	859			\$5,921
College of the Canyons	600			\$6,400
Mt San Antonio College	475			\$5,774
Santa Rosa Junior College	461			\$9,220
American River College	451			\$8,101
Palomar College	401			\$6,659
Butte College	372			\$10,736
Ohlone College	341			\$12,787
Antelope Valley Community College District	311			\$6,203
City College of San Francisco	309			\$9,261
Folsom Lake College	271			\$8,276
Merced College	239			\$13,426
De Anza College	234			\$8,236
Mt San Jacinto Community College District	230			\$7,704
Citrus College	155			\$8,852
College of San Mateo	147			\$5,427
Yuba College	140			\$5,503
Clovis Community College	136			\$6,305
Barstow Community College	128			\$9,756
Crafton Hills College	128			\$20,456
Laney College	123			\$16,494
Porterville College	122			\$5,757
Sacramento City College	117			\$7,788
San Diego Miramar College	103			\$7,880
Woodland Community College	100			\$7,480
California State University-Monterey Bay		87		\$6,085
Merritt College	84			\$16,194
Imperial Valley College	82			\$2,300
Fresno City College	78			\$6,391
California State University-Chico		65	9	\$13,749
Shasta College	74			\$7,973

Schools	Certs & 2yr Awards ¹	4yr Awards ²	Post-Grad Awards ³	Avg Net Price ⁴
Foothill College	69			\$9,820
California State University-Stanislaus		66		\$7,230
San Diego State University		61		\$6,867
Minerva University		56		\$17,432
College of the Siskiyous	54			\$11,340
Cosumnes River College	49			\$7,223
Glendale Community College	45			\$7,823
Lake Tahoe Community College	38			\$7,867
California State University-San Marcos		30		\$14,296
Rio Hondo College	30			\$7,873
University of Southern California		29		\$26,021
Whittier College		29		\$22,091
California State University-Sacramento		27		\$7,778
Ashford University		23		\$23,585
University of California-Irvine		22		\$11,633
California State University-San Bernardino		18	3	\$3,254
Reedley College	16			\$7,089
Allan Hancock College	13			\$6,629
Long Beach City College	13			\$6,550
University of Massachusetts Global		13		\$26,346
California State Polytechnic University-Humboldt			11	\$13,904
San Jose State University		11		\$14,603
Hope International University		9		\$18,801
Westmont College		8		\$33,554
National University		7		\$9,966
Cuesta College	6			\$14,586
San Joaquin Delta College	5			\$17,503
Saddleback College	3			\$7,918
University of La Verne		3		\$22,538
Fullerton College	2			\$11,191
MiraCosta College	2			\$6,946
Simpson University		2		\$25,311
Solano Community College	2			\$5,950
Azusa Pacific University		1		\$27,112
Chabot College	1			\$8,576

Schools	Certs & 2yr Awards ¹	4yr Awards ²	Post-Grad Awards ³	Avg Net Price ⁴
College of the Desert	1			\$14,179
Gavilan College	1			\$8,705
Madera Community College	1			
University of the Pacific		1		\$21,311
Biola University				\$29,123
California Polytechnic State University-San Luis Obispo				\$20,708
California State Polytechnic University-Pomona				\$12,942
California State University-Los Angeles				\$2,695
College of Alameda				\$12,583
College of the Sequoias				\$5,205
Golden West College				\$5,433
Hartnell College				\$7,721
Irvine Valley College				\$4,860
Las Positas College				\$7,675
Mendocino College				\$8,465
Mission College				\$6,727
Modesto Junior College				\$14,421
Moorpark College				\$4,856
Mount Saint Mary's University				\$24,508
Napa Valley College				\$18,440
Naval Postgraduate School				
Orange Coast College				\$6,836
Saint Mary's College of California				\$25,022
San Diego City College				\$8,370
San Diego Mesa College				\$7,663
San Francisco State University				\$13,641
Santa Ana College				\$6,351
Santiago Canyon College				\$5,879
University of California-Merced				\$11,586
West Hills College-Coalinga				\$11,458
West Hills College-Lemoore				\$13,571
West Valley College				\$6,890
Total	8,728	568	23	

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, Social Sciences, General, CIP 45.0101.

		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
11-9199	Managers, All Other	Bachelor's degree	Less than 5 years	None	12%	12%	6%	42%	28%
19-3099	Social Scientists and Related Workers, All Other	Bachelor's degree	None	None	1%	3%	3%	33%	59%
19-4061	Social Science Research Assistants	Bachelor's degree	None	None	11%	16%	12%	40%	21%
25-1069	Social Sciences Teachers, Postsecondary, All Other	Doctoral or professional degree	None	None	1%	1%	1%	14%	82%
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	Bachelor's degree	None	None	0%	2%	1%	41%	56%

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 Managers, All Other (11-9199)

All managers not listed separately.

Definition of Social Scientists and Related Workers, All Other (19-3099)

All social scientists and related workers not listed separately.

Definition of Social Science Research Assistants (19-4061)

Assist social scientists in laboratory, survey, and other social science research. May help prepare findings for publication and assist in laboratory analysis, quality control, or data management.

Definition of Social Sciences Teachers, Postsecondary, All Other (25-1069)

All postsecondary social sciences teachers not listed separately.

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.

Occupation Details

As of 2022Q4, total employment for occupations linked to Social Sciences, General in California was 215,122. Over the past three years, linked occupations added 22,464 jobs in the region and are expected to need in aggregate approximately 122,133 newly trained workers over the next seven years.

Snapshot of Occupations Linked to Social Sciences, General in California¹

SOC	Occupation	Current						3-Year History	7-Year Forecast				
		Empl	Mean Ann Wages ²	LQ	Unempl	Unempl Rate	Online Job Ads ³	Ann %	Total Demand	Exits	Transfers	Empl Growth	Avg Ann Growth %
25- 2031	Secondary School Teachers, Except Special and Career/Technical Education	105,321	\$100,400	0.85	2,531	2.4%	1,987	-1.0%	52,871	21,638	29,100	2,132	0.3%
11- 9199	Managers, All Other	98,004	\$164,300	1.35	1,405	1.5%	1,400	10.6%	59,926	21,848	33,829	4,248	0.6%
19- 4061	Social Science Research Assistants	5,853	\$64,100	1.48	726	11.3%	25	1.3%	5,490	1,140	4,053	296	0.7%
19- 3099	Social Scientists and Related Workers, All Other	3,745	\$85,000	0.84	16	0.5%	60	0.1%	2,518	611	1,832	75	0.3%
25- 1069	Social Sciences Teachers, Postsecondary, All Other	2,200	\$148,100	1.14	40	1.8%	34	-1.7%	1,329	700	591	38	0.2%
Total - Linked Occupations		215,122	\$128,800	1.04	4,718	2.2%	3,506	3.7%	122,133	45,937	69,406	6,790	0.4%
Total - All Occupations		19,219,968	\$71,900	1.00	797,161	4.1%	549,185	0.6%	17,029,863	6,722,656	9,379,252	927,955	0.7%

Source: [JobsEQ®](#)

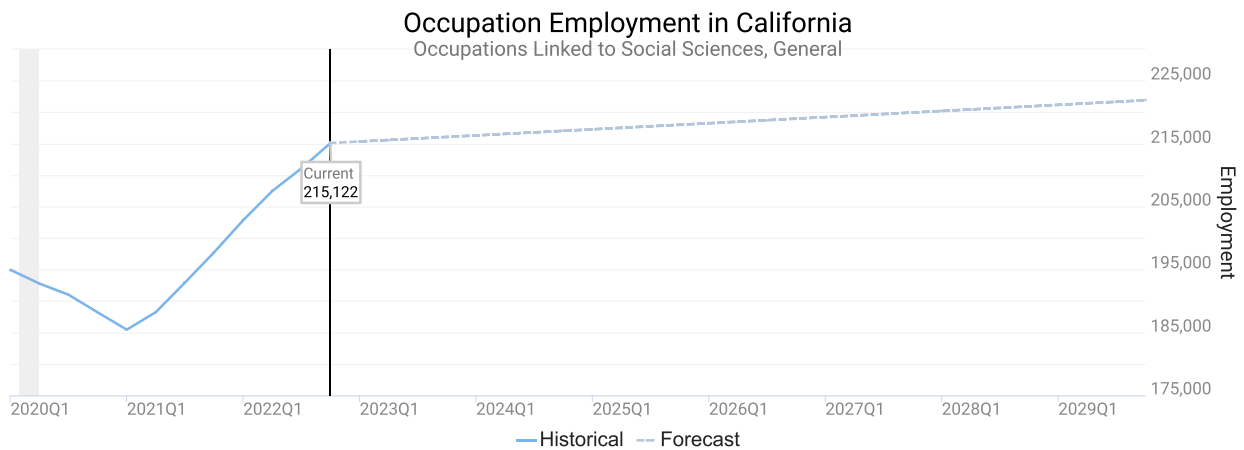
Data as of 2022Q4 unless noted otherwise

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.



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 Social Sciences, General. The single industry most employing these occupations in the region is Elementary and Secondary Schools, NAICS 6111. This industry employs 104,884 workers in the linked occupations—employment which is expected to increase by 2,977 jobs over the next ten years; furthermore, 72,324 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 Social Sciences, 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	48.8%	104,884	30,803	41,521	2,977	75,301
5417	Scientific Research and Development Services	3.4%	7,400	2,236	4,829	637	7,703
6113	Colleges, Universities, and Professional Schools	3.0%	6,544	2,057	4,657	509	7,222
5511	Management of Companies and Enterprises	2.5%	5,419	1,693	2,638	135	4,467
5416	Management, Scientific, and Technical Consulting Services	2.3%	4,939	1,587	2,569	522	4,678
9221	Justice, Public Order, and Safety Activities	1.8%	3,954	1,192	1,989	-15	3,165
2361	Residential Building Construction	1.7%	3,551	1,103	1,708	32	2,844
5415	Computer Systems Design and Related Services	1.6%	3,457	1,143	1,812	570	3,525
9211	Executive, Legislative, and Other General Government Support	1.4%	3,115	953	1,575	55	2,583
9281	National Security and International Affairs	1.3%	2,801	807	1,417	-128	2,096
5613	Employment Services	1.3%	2,765	871	1,394	186	2,451
5611	Office Administrative Services	1.2%	2,590	835	1,293	226	2,354
9231	Administration of Human Resource Programs	1.1%	2,282	691	1,156	20	1,867
6221	General Medical and Surgical Hospitals	1.0%	2,055	636	1,050	49	1,734
6112	Junior Colleges	0.9%	1,848	760	750	-19	1,491
5413	Architectural, Engineering, and Related Services	0.7%	1,611	492	801	3	1,296
5419	Other Professional, Scientific, and Technical Services	0.7%	1,588	494	858	88	1,439
8131	Religious Organizations	0.7%	1,533	462	728	103	1,293
2362	Nonresidential Building Construction	0.7%	1,531	479	742	36	1,257
5121	Motion Picture and Video Industries	0.7%	1,521	506	784	246	1,536
	All Others	23.1%	49,736	15,836	24,901	3,543	44,280

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.

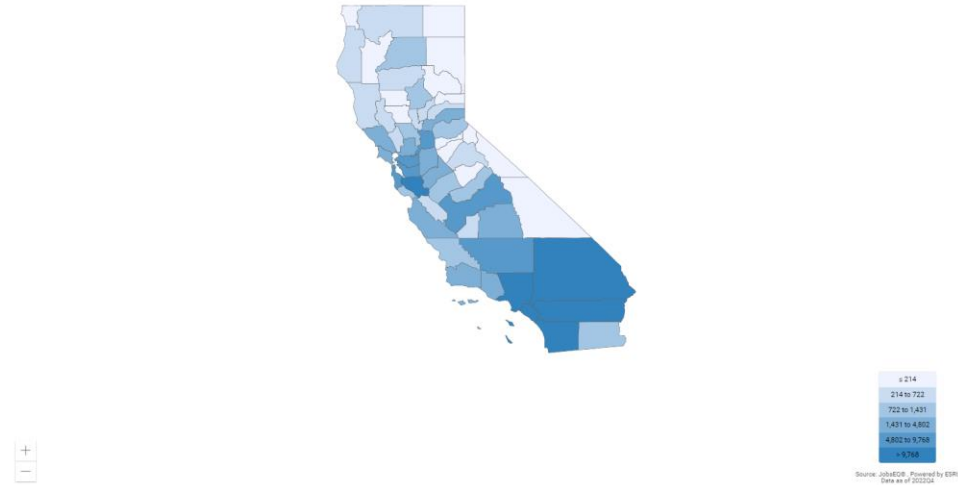
Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2022Q3, imputed where necessary with 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 Social Sciences, General. Employment is shown by place of work.

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

export



Top Counties with Employment Linked to Social Sciences, General, 2022Q4

Region	Employment
Los Angeles County, California	52,791
San Diego County, California	19,753
Orange County, California	18,063
Santa Clara County, California	13,472
Riverside County, California	9,847
San Bernardino County, California	9,768
Alameda County, California	9,520
Sacramento County, California	8,553
San Francisco County, California	8,214
San Mateo County, California	5,705

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.

Summary¹

	Percent		Value	
	California	USA	California	USA
Demographics				
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 ²	—	—	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
Population Growth				
Population (Pop Estimates) ⁴	—	—	39,029,342	333,287,557
Population Annual Average Growth ⁴	0.3%	0.6%	108,479	1,940,990
People per Square Mile	—	—	250.4	94.3
Educational Attainment, Age 25-64				
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
Social				
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 ³	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

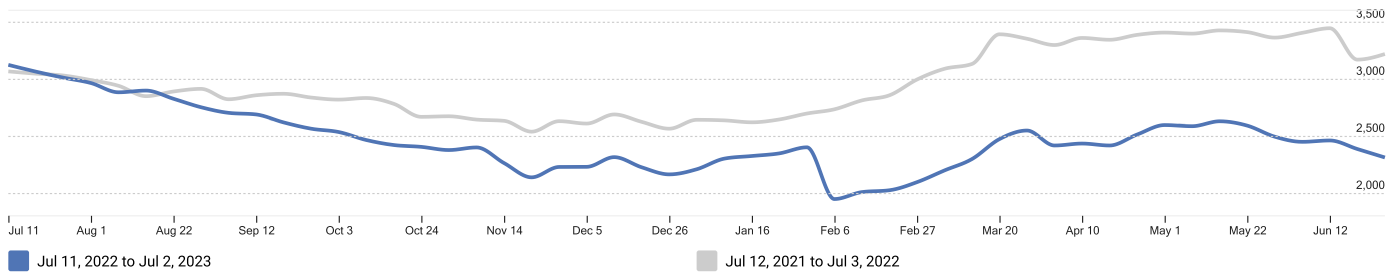
2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

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



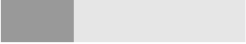
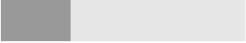


Occupations

SOC	Occupation	Active Job Ads
25- 2031.00	Secondary School Teachers, Except Special and Career/Technical Education	7,722
11- 9199.02	Compliance Managers	2,213
11- 9199.00	Managers, All Other	2,015
11- 9199.08	Loss Prevention Managers	1,215
19- 3099.01	Transportation Planners	237
11- 9199.01	Regulatory Affairs Managers	206
25- 1069.00	Social Sciences Teachers, Postsecondary, All Other	147
11- 9199.11	Brownfield Redevelopment Specialists and Site Managers	106
11- 9199.09	Wind Energy Operations Managers	98
19- 4061.00	Social Science Research Assistants	94

Locations

Location	Active Job Ads
Los Angeles, California	469
San Francisco, California	356
San Diego, California	285
Oakland, CA 94607	210
Sacramento, California	195
San Jose, California	188

Locations

Location	Active Job Ads	
Oakland, California	140	
Irvine, California	134	
Fresno, California	81	
Santa Clara, California	61	

Employers

Employer Name	Active Job Ads	
Oakland Unified School District	521	
HomeDepot	439	
Kaiser Permanente	210	
Fusion Academy	129	
Kern High School District	98	
Bright Star Schools	90	
Abbvie	84	
Marriott	70	
United Health Group	67	
State of California Department of Transportation	64	

Certifications

Certificate Name	Active Job Ads	
First Aid Certification	373	
Certification in Cardiopulmonary Resuscitation (CPR)	354	
Driver's License	354	
Project Management Professional (PMP)	78	
Certified Information Systems Auditor (CISA)	60	
Loss Prevention Certified (LPC)	55	
Certified Information Systems Security Professional (CISSP)	54	
Certified Information Security Manager (CISM)	43	
Certified Public Accountant (CPA)	43	
Licensed Professional Engineer	42	

Hard Skills

Skill Name	Active Job Ads	
Teaching/Training, School	5,236	
Microsoft Office	1,442	
Microsoft Excel	1,434	
Spanish	897	
Microsoft PowerPoint	772	
Mathematics	698	
Microsoft Word	561	
Microsoft Outlook	538	
Bilingual	525	
Presentation	446	

Soft Skills

Skill Name	Active Job Ads	
Communication (Verbal and written skills)	6,855	
Cooperative/Team Player	4,195	
Supervision/Management	2,123	
Organization	1,985	
Problem Solving	1,818	
Interpersonal Relationships/Maintain Relationships	1,765	
Self-Motivated/Ability to Work Independently/Self Leadership	1,549	
Adaptability/Flexibility/Tolerance of Change and Uncertainty	1,327	
Detail Oriented/Meticulous	1,314	
Analytical	1,245	

Job Titles

Job Title	Active Job Ads	
Asset Protection Specialist	442	
Intern I - High School	171	
Loss Prevention Officer	148	
Regional Manager	126	
English Teacher	114	
Compliance Manager	91	
Development Director	89	
High School Teacher	69	
Shop Manager	57	
Spanish Teacher	54	

Job Types

Type	Active Job Ads	
Full-Time	8,400	
Part-Time	2,055	
Permanent	728	
Temporary (unspecified)	623	
Remote	607	
Temporary (long-term)	246	
Temp-to-Hire	27	
Temporary (short-term)	23	
Remote Not Indicated	13,518	

Programs

Program Name	Active Job Ads	
Engineering	498	
Business	360	
Science	288	
Business Administration	285	
Biology	277	
Education	237	
Mathematics	204	
Chemistry	192	
Finance	177	
Accounting	141	

Education Levels

Minimum Education Level	Active Job Ads	
Bachelor's degree	5,445	
High school diploma or equivalent	535	
Associate's degree	513	
Master's degree	477	
Doctoral or professional degree	121	
Unspecified/other	7,034	

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 07/06/2023 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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