



# Education Report

## Psychology, General

California



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# Definition of Psychology, General, CIP 42.0101

A general program that focuses on the scientific study of individual and collective behavior, the physical and environmental bases of behavior, and the analysis and treatment of behavior problems and disorders. Includes instruction in the principles of the various subfields of psychology, research methods, and psychological assessment and testing methods.

# Awards

The table below is a list of postsecondary awards in CIP 42.0101 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>
California State University-Northridge		864	17	\$8,708
California State University-Fullerton		791	21	\$4,939
Ashford University		475	294	\$23,585
University of California-Los Angeles		630	54	\$13,393
San Diego State University		601	37	\$6,867
California State University-Sacramento		600	9	\$7,778
California State University-San Bernardino		572	13	\$3,254
California State University-Long Beach		507	28	\$9,171
University of California-Santa Cruz		510	10	\$19,615
San Jose State University		482	33	\$14,603
California State University-Dominguez Hills		503	8	\$4,500
California State University-Fresno		465	18	\$6,336
San Francisco State University		429	45	\$13,641
Sierra College	435			\$5,921
California State University-East Bay		430		\$12,631
California State University-Stanislaus		396	18	\$7,230
Mt San Antonio College	385			\$5,774
Merced College	378			\$13,426
California State Polytechnic University-Pomona		365	9	\$12,942
University of California-Irvine		366	1	\$11,633
California State University-Chico		335	31	\$13,749
California State University-Los Angeles		352	14	\$2,695
Bakersfield College	357			\$6,989
California State University-Channel Islands		356		\$14,493
Pasadena City College	339			\$6,466
California State University-San Marcos		327	9	\$14,296
University of California-Merced		310	10	\$11,586
East Los Angeles College	291			\$12,028
California State University-Bakersfield		280		\$7,368

Schools	Certs & 2yr Awards <sup>1</sup>	4yr Awards <sup>2</sup>	Post-Grad Awards <sup>3</sup>	Avg Net Price <sup>4</sup>
Pepperdine University		90	185	\$40,945
College of the Canyons	263			\$6,400
Long Beach City College	259			\$6,550
California State University- Monterey Bay		252		\$6,085
El Camino Community College District	252			\$13,296
Citrus College	250			\$8,852
Northcentral University		42	200	
Chaffey College	236			\$13,939
Diablo Valley College	232			\$8,878
National University		152	71	\$9,966
University of Massachusetts Global		217		\$26,346
University of California-San Diego		216		\$15,632
Southwestern College	214			\$6,789
San Joaquin Delta College	207			\$17,503
Santa Monica College	207			\$6,380
Santa Rosa Junior College	207			\$9,220
Sonoma State University		202	4	\$7,055
Golden West College	201			\$5,433
Azusa Pacific University		167	33	\$27,112
Saddleback College	198			\$7,918
College of the Desert	194			\$14,179
California State Polytechnic University-Humboldt		158	32	\$13,904
Moorpark College	188			\$4,856
University of Southern California		177	11	\$26,021
Cerritos College	182			\$9,557
Modesto Junior College	180			\$14,421
California Baptist University		177		\$23,494
Fullerton College	176			\$11,191
Riverside City College	175			\$7,161
Orange Coast College	174			\$6,836
Imperial Valley College	173			\$2,300
American River College	172			\$8,101
Fresno City College	171			\$6,391
Ventura College	171			\$3,971
California Polytechnic State University-San Luis Obispo		155	14	\$20,708

Schools	Certs & 2yr Awards <sup>1</sup>	4yr Awards <sup>2</sup>	Post-Grad Awards <sup>3</sup>	Avg Net Price <sup>4</sup>
Foothill College	169			\$9,820
Mt San Jacinto Community College District	166			\$7,704
University of San Francisco		164		\$39,825
Sacramento City College	160			\$7,788
Los Angeles City College	158			\$10,898
Clovis Community College	155			\$6,305
Cypress College	155			\$7,951
Santa Ana College	153			\$6,351
MiraCosta College	149			\$6,946
Loyola Marymount University		148		\$40,180
De Anza College	141			\$8,236
Irvine Valley College	140			\$4,860
Rio Hondo College	138			\$7,873
Hartnell College	137			\$7,721
Santa Barbara City College	137			\$14,000
Allan Hancock College	136			\$6,629
University of La Verne		124	12	\$22,538
Grossmont College	133			\$5,999
California Lutheran University		123		\$24,065
Glendale Community College	123			\$7,823
Evergreen Valley College	122			\$15,650
Palomar College	122			\$6,659
Victor Valley College	122			\$12,848
Los Angeles Valley College	121			\$11,833
San Diego Mesa College	120			\$7,663
Skyline College	120			\$4,885
Chapman University		117		\$40,451
Los Medanos College	115			\$7,231
College of the Sequoias	114			\$5,205
Chabot College	113			\$8,576
Antelope Valley Community College District	109			\$6,203
The Chicago School of Professional Psychology at Los Angeles		37	72	\$33,638
Santiago Canyon College	106			\$5,879
Santa Clara University		104		\$48,469
San Bernardino Valley College	102			\$9,621
University of San Diego		100		\$34,155

Schools	Certs & 2yr Awards <sup>1</sup>	4yr Awards <sup>2</sup>	Post-Grad Awards <sup>3</sup>	Avg Net Price <sup>4</sup>
Cuesta College	98			\$14,586
Folsom Lake College	98			\$8,276
City College of San Francisco	94			\$9,261
Canada College	91			\$5,923
Butte College	88			\$10,736
Solano Community College	85			\$5,950
West Valley College	82			\$6,890
Los Angeles Mission College	81			\$12,798
Las Positas College	80			\$7,675
Reedley College	80			\$7,089
Norco College	79			\$7,404
Cosumnes River College	74			\$7,223
Monterey Peninsula College	74			\$12,007
Shasta College	73			\$7,973
Cabrillo College	72			\$18,139
Point Loma Nazarene University		72		\$34,851
College of San Mateo	71			\$5,427
Oxnard College	70			\$3,441
Biola University		69		\$29,123
Claremont Graduate University		9	60	
West Hills College-Lemoore	69			\$13,571
Yuba College	68			\$5,503
West Los Angeles College	67			\$10,259
Vanguard University of Southern California		66		\$20,427
San Diego City College	65			\$8,370
Los Angeles Harbor College	64			\$12,787
San Jose City College	62			\$17,618
Barstow Community College	60			\$9,756
Coastline Community College	60			\$8,953
Napa Valley College	56			\$18,440
San Diego Miramar College	56			\$7,880
Simpson University		55		\$25,311
William Jessup University		55		\$27,823
Loma Linda University			54	
Los Angeles Pierce College	54			\$12,995
Touro University Worldwide		54		\$18,121
Crafton Hills College	53			\$20,456

Schools	Certs & 2yr Awards <sup>1</sup>	4yr Awards <sup>2</sup>	Post-Grad Awards <sup>3</sup>	Avg Net Price <sup>4</sup>
University of Redlands		52		\$21,578
Moreno Valley College	51			\$4,899
Cerro Coso Community College	48			\$11,710
Columbia College	48			\$10,735
Berkeley City College	47			\$13,556
Gavilan College	45			\$8,705
Saint Mary's College of California		44		\$25,022
Los Angeles Southwest College	41			\$8,651
Occidental College		41		\$43,047
Ohlone College	41			\$12,787
Compton College	40			\$10,875
Contra Costa College	40			\$9,405
University of the Pacific		34	6	\$21,311
Whittier College		40		\$22,091
Mount Saint Mary's University		38		\$24,508
California Institute of Integral Studies		31	6	
College of Marin	37			\$7,717
Taft College	36			\$7,143
Antioch University-Los Angeles		31	4	
College of Alameda	35			\$12,583
Mendocino College	35			\$8,465
Mission College	34			\$6,727
Los Angeles Trade Technical College	33			\$10,495
Marymount California University		33		\$35,660
Woodland Community College	33			\$7,480
West Hills College-Coalinga	32			\$11,458
Concordia University-Irvine		30		\$25,640
Madera Community College	30			
Palo Alto University		14	16	
Holy Names University		29		\$21,515
Cuyamaca College	28			\$6,460
College of the Redwoods	27			\$8,618
Notre Dame de Namur University		27		\$28,243
Fresno Pacific University		26		\$15,350
Westmont College		26		\$33,554
Dominican University of California		25		\$45,001



Schools	Certs & 2yr Awards <sup>1</sup>	4yr Awards <sup>2</sup>	Post-Grad Awards <sup>3</sup>	Avg Net Price <sup>4</sup>
Laney College	25			\$16,494
University of California-Davis			23	\$16,640
Copper Mountain Community College	22			\$8,749
Saybrook University			21	
Lake Tahoe Community College	19			\$7,867
Menlo College		19		\$35,658
Merritt College	19			\$16,194
Lassen Community College	17			\$11,495
La Sierra University		16		\$25,230
Mills College		16		\$25,283
College of the Siskiyous	15			\$11,340
Hope International University		15		\$18,801
Palo Verde College	14			\$14,270
San Diego Christian College		13		\$34,564
University of the West		10		\$13,225
Antioch University-Santa Barbara		8	1	
University of Antelope Valley		8		\$27,539
Pacific Union College		7		\$22,767
Alliant International University-San Diego		6		
Woodbury University		6		\$32,293
American Jewish University		5		
Golden Gate University			1	
Claremont McKenna College				\$21,663
Pomona College				\$17,000
Southern California Seminary				
Stanford University				\$14,402
The Chicago School of Professional Psychology at Anaheim				
University of California-Berkeley				\$17,652
University of California-Riverside				\$13,502
University of California-Santa Barbara				\$17,333
<b>Total</b>	<b>13,619</b>	<b>14,898</b>	<b>1,505</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, Psychology, General, CIP 42.0101.

		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%
19-3032	Industrial-Organizational Psychologists	Master's degree	None	Internship/residency	0%	0%	0%	8%	92%
19-3033	Clinical and Counseling Psychologists	Doctoral or professional degree	None	Internship/residency	0%	0%	0%	10%	90%
19-3039	Psychologists, All Other	Master's degree	None	Internship/residency	0%	0%	0%	8%	92%
19-4061	Social Science Research Assistants	Bachelor's degree	None	None	11%	16%	12%	40%	21%
21-1012	Educational, Guidance, and Career Counselors and Advisors	Master's degree	None	None	3%	3%	2%	23%	69%
21-1013	Marriage and Family Therapists	Master's degree	None	Internship/residency	3%	3%	3%	18%	73%
21-1015	Rehabilitation Counselors	Master's degree	None	None	7%	8%	8%	32%	45%
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	Bachelor's degree	None	None	3%	5%	5%	28%	60%
21-1019	Counselors, All Other	Master's degree	None	None	5%	7%	5%	29%	55%
21-1021	Child, Family, and School Social Workers	Bachelor's degree	None	None	5%	6%	5%	41%	42%
21-1022	Healthcare Social Workers	Master's degree	None	Internship/residency	10%	11%	8%	32%	40%
21-1023	Mental Health and Substance Abuse Social Workers	Master's degree	None	Internship/residency	1%	2%	1%	13%	82%
21-1029	Social Workers, All Other	Bachelor's degree	None	None	3%	5%	5%	44%	44%
25-1066	Psychology Teachers, Postsecondary	Doctoral or professional degree	None	None	1%	1%	1%	14%	82%

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 Industrial-Organizational Psychologists (19-3032)

Apply principles of psychology to human resources, administration, management, sales, and marketing problems. Activities may include policy planning; employee testing and selection, training, and development; and organizational development and analysis. May work with management to organize the work setting to improve worker productivity.

## Definition of Clinical and Counseling Psychologists (19-3033)

Assess, diagnose, and treat mental and emotional disorders of individuals through observation, interview, and psychological tests. Help individuals with distress or maladjustment understand their problems through their knowledge of case history, interviews with patients, and theory. Provide individual or group counseling services to assist individuals in achieving more effective personal, social, educational, and vocational development and adjustment. May design behavior modification programs and consult with medical personnel regarding the best treatment for patients.

## Definition of Psychologists, All Other (19-3039)

All psychologists 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 Educational, Guidance, and Career Counselors and Advisors (21-1012)**

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

**Definition of Marriage and Family Therapists (21-1013)**

Diagnose and treat mental and emotional disorders, whether cognitive, affective, or behavioral, within the context of marriage and family systems. Apply psychotherapeutic and family systems theories and techniques in the delivery of services to individuals, couples, and families for the purpose of treating such diagnosed nervous and mental disorders.

**Definition of Rehabilitation Counselors (21-1015)**

Counsel individuals to maximize the independence and employability of persons coping with personal, social, and vocational difficulties that result from birth defects, illness, disease, accidents, aging, or the stress of daily life. Coordinate activities for residents of care and treatment facilities. Assess client needs and design and implement rehabilitation programs that may include personal and vocational counseling, training, and job placement.

**Definition of Substance Abuse, Behavioral Disorder, and Mental Health Counselors (21-1018)****Definition of Counselors, All Other (21-1019)**

All counselors not listed separately.

**Definition of Child, Family, and School Social Workers (21-1021)**

Provide social services and assistance to improve the social and psychological functioning of children and their families and to maximize the family well-being and the academic functioning of children. May assist parents, arrange adoptions, and find foster homes for abandoned or abused children. In schools, they address such problems as teenage pregnancy, misbehavior, and truancy. May also advise teachers.

**Definition of Healthcare Social Workers (21-1022)**

Provide individuals, families, and groups with the psychosocial support needed to cope with chronic, acute, or terminal illnesses. Services include advising family caregivers. Provide patients with information and counseling, and make referrals for other services. May also provide case and care management or interventions designed to promote health, prevent disease, and address barriers to access to healthcare.

**Definition of Mental Health and Substance Abuse Social Workers (21-1023)**

Assess and treat individuals with mental, emotional, or substance abuse problems, including abuse of alcohol, tobacco, and/or other drugs. Activities may include individual and group therapy, crisis intervention, case management, client advocacy, prevention, and education.

**Definition of Social Workers, All Other (21-1029)**

All social workers not listed separately.

**Definition of Psychology Teachers, Postsecondary (25-1066)**

Teach courses in psychology, such as child, clinical, and developmental psychology, and psychological counseling. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.

# Occupation Details

As of 2022Q4, total employment for occupations linked to Psychology, General in California was 335,374. Over the past three years, linked occupations added 36,624 jobs in the region and are expected to need in aggregate approximately 236,288 newly trained workers over the next seven years.

Snapshot of Occupations Linked to Psychology, 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 %
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%
21- 1021	Child, Family, and School Social Workers	47,185	\$68,100	1.14	563	1.2%	1,193	0.8%	36,399	11,498	20,905	3,996	1.2%
21- 1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	42,486	\$63,400	0.98	517	1.2%	5,469	3.9%	36,647	11,757	18,289	6,601	2.1%
21- 1012	Educational, Guidance, and Career Counselors and Advisors	33,905	\$86,900	0.91	801	2.4%	697	-1.7%	21,724	7,606	12,268	1,850	0.8%
21- 1013	Marriage and Family Therapists	26,370	\$63,100	2.82	862	3.2%	184	7.0%	18,827	8,145	7,549	3,134	1.6%
21- 1023	Mental Health and Substance Abuse Social Workers	16,754	\$83,700	1.16	1,301	7.3%	2,499	-1.4%	12,592	6,188	4,950	1,454	1.2%
21- 1022	Healthcare Social Workers	15,285	\$89,900	0.70	234	1.5%	438	1.6%	11,734	4,504	5,968	1,262	1.1%
21- 1015	Rehabilitation Counselors	12,632	\$45,700	1.14	259	2.0%	39	-3.9%	9,689	3,653	4,870	1,166	1.3%
19- 3033	Clinical and Counseling Psychologists	10,556	\$129,700	1.33	41	0.4%	977	15.2%	5,779	2,326	2,636	817	1.1%
21- 1019	Counselors, All Other	7,713	\$51,200	1.19	186	2.4%	23	3.4%	6,036	2,508	3,122	406	0.7%
19- 3039	Psychologists, All Other	6,971	\$120,400	1.05	52	0.8%	103	0.7%	3,512	1,669	1,768	75	0.2%
21- 1029	Social Workers, All Other	6,822	\$73,100	0.98	133	1.9%	2	-3.6%	4,886	1,623	2,951	312	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%
25- 1066	Psychology Teachers, Postsecondary	4,018	\$131,600	0.93	74	1.8%	210	-1.3%	2,608	1,305	1,102	202	0.7%
19- 3032	Industrial-Organizational Psychologists	821	\$137,800	1.33	6	0.8%	5	1.3%	439	200	211	28	0.5%
<b>Total - Linked Occupations</b>		<b>335,374</b>	<b>\$101,700</b>	<b>1.16</b>	<b>7,159</b>	<b>2.1%</b>	<b>13,264</b>	<b>3.9%</b>	<b>236,288</b>	<b>85,969</b>	<b>124,471</b>	<b>25,847</b>	<b>1.1%</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>549,185</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®](#)

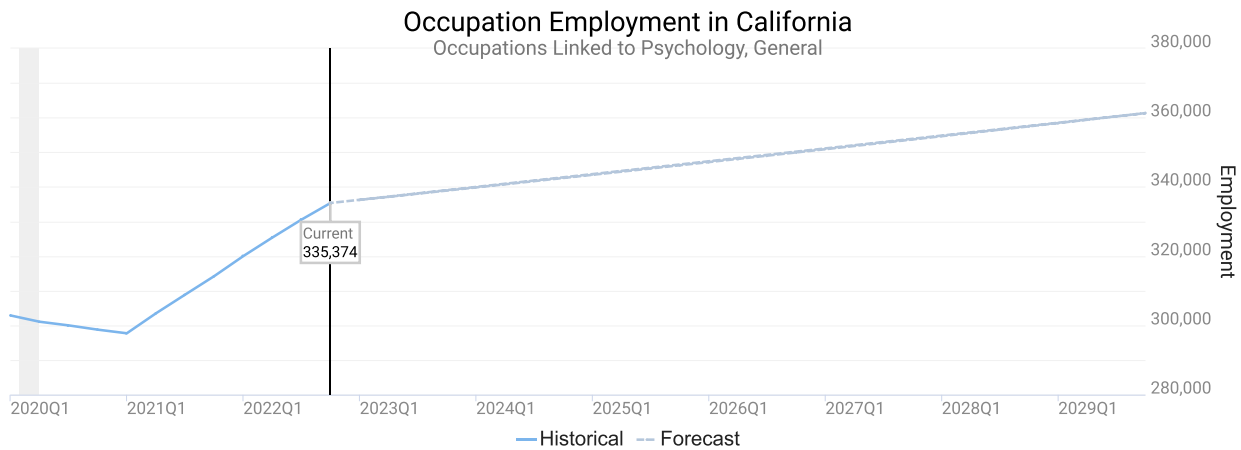
Data as of 2022Q4 unless noted otherwise

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.



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 Psychology, General. The single industry most employing these occupations in the region is Individual and Family Services, NAICS 6241. This industry employs 52,153 workers in the linked occupations—employment which is expected to increase by 15,906 jobs over the next ten years; furthermore, 52,600 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 Psychology, General in California**

NAICS Code	Industry Title	Current			10-Year Demand		
		% of Occ Empl	Empl	Exits	Transfers	Empl Growth	Total Demand
6241	Individual and Family Services	15.6%	52,153	22,024	30,576	15,906	68,506
6213	Offices of Other Health Practitioners	9.5%	31,738	12,705	14,832	4,656	32,193
6111	Elementary and Secondary Schools	7.6%	25,654	8,310	13,671	724	22,705
6214	Outpatient Care Centers	6.6%	22,276	9,322	11,769	3,747	24,838
6113	Colleges, Universities, and Professional Schools	5.0%	16,929	5,926	9,904	2,246	18,075
9221	Justice, Public Order, and Safety Activities	3.7%	12,469	4,283	6,658	78	11,019
6232	Residential Intellectual and Developmental Disability, Mental Health, and Substance Abuse Facilities	3.3%	10,956	4,499	5,851	1,244	11,595
9211	Executive, Legislative, and Other General Government Support	3.2%	10,664	3,693	5,757	195	9,645
6221	General Medical and Surgical Hospitals	2.6%	8,805	3,290	4,488	234	8,012
9231	Administration of Human Resource Programs	2.3%	7,598	2,618	4,063	60	6,741
5417	Scientific Research and Development Services	2.2%	7,239	2,271	4,553	647	7,471
5511	Management of Companies and Enterprises	2.0%	6,767	2,203	3,347	171	5,721
6112	Junior Colleges	1.6%	5,504	1,864	2,577	-104	4,337
6243	Vocational Rehabilitation Services	1.6%	5,444	2,117	2,947	536	5,600
5416	Management, Scientific, and Technical Consulting Services	1.5%	5,106	1,683	2,634	556	4,872
9261	Administration of Economic Programs	1.4%	4,574	1,563	2,394	-110	3,847
5613	Employment Services	1.3%	4,387	1,496	2,295	307	4,098
6242	Community Food and Housing, and Emergency and Other Relief Services	1.2%	4,186	1,597	2,407	501	4,504
6211	Offices of Physicians	1.1%	3,819	1,409	1,792	227	3,427
9241	Administration of Environmental Quality Programs	1.1%	3,710	1,265	1,945	-64	3,145
	All Others	25.5%	85,396	28,690	43,368	5,914	77,973

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.

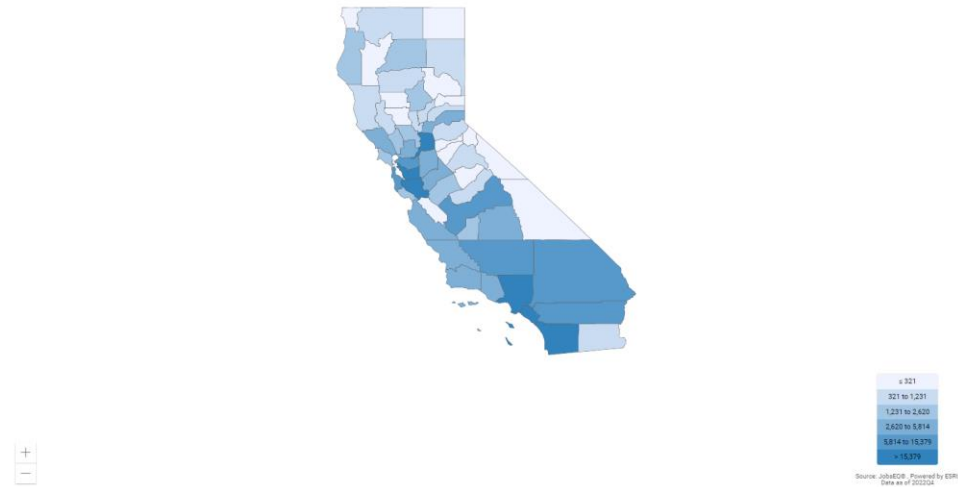
Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2022Q3, imputed where necessary with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

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

export



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

Region	Employment
Los Angeles County, California	93,877
San Diego County, California	28,802
Orange County, California	27,361
Sacramento County, California	18,804
Santa Clara County, California	18,408
Alameda County, California	15,379
San Francisco County, California	15,314
San Bernardino County, California	13,068
Riverside County, California	12,136
Fresno County, California	7,409

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.

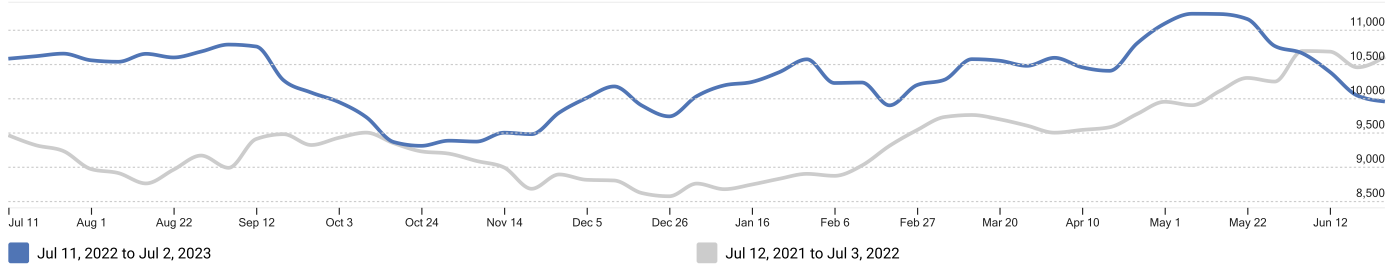
3. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.

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



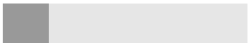
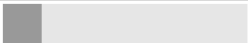
SOC	Occupation	Active Job Ads
21- 1014.00	Mental Health Counselors	22,428
21- 1023.00	Mental Health and Substance Abuse Social Workers	10,303
21- 1021.00	Child, Family, and School Social Workers	5,257
19- 3033.00	Clinical and Counseling Psychologists	3,344
21- 1012.00	Educational, Guidance, and Career Counselors and Advisors	3,130
11- 9199.02	Compliance Managers	2,213
11- 9199.00	Managers, All Other	2,015
21- 1022.00	Healthcare Social Workers	1,961
11- 9199.08	Loss Prevention Managers	1,215
21- 1011.00	Substance Abuse and Behavioral Disorder Counselors	1,101

## Locations

Location	Active Job Ads
Los Angeles, California	1,707
San Diego, California	1,294
San Francisco, California	984
Sacramento, California	957
San Jose, California	751
Oakland, California	602

**Locations**

**Active  
Job  
Ads**

<b>Location</b>		
Fresno, California	420	
Long Beach, California	337	
Stockton, California	322	
Irvine, California	272	

## Employers

Employer Name	Active Job Ads	
Kaiser Permanente	2,449	
Telecare	2,239	
Discovery Behavioral Health	1,386	
Behavior Frontiers	1,035	
Stars Behavioral Health Group	788	
Department of Veterans Affairs	777	
Seneca Family of Agencies	668	
Maxim Healthcare	557	
Staff Today Inc	556	
Wellpath	515	

## Certifications

Certificate Name	Active Job Ads	
Licensed Clinical Social Worker (LCSW)	7,689	
Driver's License	3,503	
Certification in Cardiopulmonary Resuscitation (CPR)	3,282	
First Aid Certification	3,194	
Board Certified Behavior Analyst (BCBA)	1,858	
Registered Behavior Technician (RBT)	1,668	
Basic Life Support (BLS)	1,486	
Academy of Certified Social Workers Credential (ACSW)	822	
Licensed Professional Counselor (LPC)	647	
Licensed Master Social Worker (LMSW)	399	

### Hard Skills

Skill Name	Active Job Ads	
Spanish	7,778	
Mental Health	4,849	
Microsoft Office	4,491	
Microsoft Excel	4,074	
Bilingual	4,060	
Working With Children	3,501	
Teaching/Training, Job	3,177	
Microsoft Outlook	2,433	
Electronic Health Record (EHR)	2,401	
Microsoft Word	2,053	

### Soft Skills

Skill Name	Active Job Ads	
Communication (Verbal and written skills)	27,707	
Cooperative/Team Player	21,083	
Supervision/Management	9,102	
Problem Solving	6,506	
Organization	5,822	
Confidentiality/Information Sensitivity	5,804	
Self-Motivated/Ability to Work Independently/Self Leadership	5,357	
Adaptability/Flexibility/Tolerance of Change and Uncertainty	5,314	
Interpersonal Relationships/Maintain Relationships	4,946	
Good Judgment	4,885	

### Job Titles

Job Title	Active Job Ads	
Social Worker	507	
Asset Protection Specialist	442	
Board Certified Behavior Analyst (BCBA)	385	
NEW PSYCHOLOGIST	372	
Board Certified Behavior Analyst (BCBA) Clinical Supervisor	368	
Behavior Therapist, Autism (ABA) - Entry Level	344	
Counselor	331	
Behavior Interventionist	290	
Medical Social Worker II - Grade 10	284	
Clinical Psychologist	253	

### Job Types

Type	Active Job Ads	
Full-Time	32,975	
Part-Time	9,347	
Permanent	4,681	
Remote	4,011	
Temporary (unspecified)	1,987	
Temporary (long-term)	305	
Temp-to-Hire	166	
Temporary (short-term)	139	
Remote Not Indicated	51,521	

### Programs

Program Name	Active Job Ads	
Social Work	12,622	
Psychology	10,293	
Counseling	4,144	
Behavioral Science	2,423	
Marriage And Family Therapy	1,301	
Social Science	1,204	
Nursing	1,201	
Education	1,198	
Sociology	1,170	
Social Welfare	1,155	

### Education Levels

Minimum Education Level	Active Job Ads	
Master's degree	17,635	
Bachelor's degree	9,803	
High school diploma or equivalent	6,385	
Doctoral or professional degree	2,193	
Associate's degree	1,800	
Unspecified/other	17,716	

# 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**

This report and all data herein were produced by JobsEQ®, a product of Chmura Economics & Analytics. The information contained herein was obtained from sources we believe to be reliable. However, we cannot guarantee its accuracy and completeness.