

Education Report

Accounting

California

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Definition of Accounting, CIP 52.0301

A program that prepares individuals to practice the profession of accounting and to perform related business functions. Includes instruction in accounting principles and theory, financial accounting, managerial accounting, cost accounting, budget control, tax accounting, legal aspects of accounting, auditing, reporting procedures, statement analysis, planning and consulting, business information systems, accounting research methods, professional standards and ethics, and applications to specific for-profit, public, and non-profit organizations.

Awards

The table below is a list of postsecondary awards in CIP 52.0301 that were granted by institutions located in California in the 2021 academic year.

Schools	Certs & 2yr Awards ¹	4yr Awards²	Post-Grad Awards ³	Avg Net Price ⁴
California State University- Northridge		287	51	\$8,708
Ashford University		198	46	\$23,585
University of Southern California		175		\$26,021
Santa Clara University		120		\$48,469
National University		40	59	\$9,966
University of San Diego		79	13	\$34,155
California Baptist University		49	16	\$23,494
University of La Verne		32	32	\$22,538
Saint Mary's College of California		24	32	\$25,022
Loyola Marymount University		44	10	\$40,180
California State University- Fullerton			49	\$4,939
Chapman University		34	14	\$40,451
California Lutheran University		47		\$24,065
California State University-Long Beach			44	\$9,171
University of California-Davis			42	\$16,640
University of San Francisco		37		\$39,825
Biola University		22	13	\$29,123
San Diego State University			34	\$6,867
Azusa Pacific University		21	12	\$27,112
Golden Gate University		3	29	
University of the Pacific		16	16	\$21,311
California State University-Los Angeles		4	23	\$2,695
San Francisco State University		2	25	\$13,641
California State University-East Bay			25	\$12,631
San Jose State University		1	24	\$14,603
California Polytechnic State University-San Luis Obispo			23	\$20,708
Menlo College		21		\$35,658
University of Phoenix-California		20	1	\$15,400
CET-El Centro	20			\$16,766
California State Polytechnic University-Pomona			19	\$12,942
California State University-San Bernardino			19	\$3,254

List Stand Mary's University	Schools	Certs & 2yr Awards ¹	4yr Awards²	Post-Grad Awards ³	Avg Net Price ⁴
Point Loma Nazarene University	La Sierra University		11	8	\$25,230
Pepper of Incentify	Mount Saint Mary's University		17		\$24,508
Minchesnity of Reclands	Point Loma Nazarene University		15		\$34,851
Nontricentral University 13 56,946 Mira Costa College 12 56,946 Ventura Abult and Cortinuing Education 12 15,747 Woodbury University 12 32,223 Claremont McKenna College 11 52,046 Vanguard University of Southern 29 32,042 Escondiol Adult School 8 51,530 Fresso Pacific University 8 51,530 William Jessoy University 18 3 32,022 William Jessoy University 18 7 32,783 William Jessoy University 19 3 32,022 Notre Dame de Namur 10 3 32,022 Notre Dame de Namur 1 2 22,151 Humphreys University 1 3 32,282 University 2 32,536 University 2 35,560 Singes Pacific College 2 35,560 University 2 35,560 Singer Pacific College 3 3,522	Pepperdine University		14		\$40,945
Mira Costa College	University of Redlands		14		\$21,578
Pentura Adult and Continuing 12	Northcentral University			13	
Education 12 515,747 Woodbury University 12 52,753,753 Claremont McKenna College 11 52,166 Claremont McKenna College 11 52,166 Claremont McKenna College 15 52,000 California 6 8 51,500 Escondido Adult School 8 Fresso Pactic University 8 5 55,000 Claremont McKenna College 7 5,728 Celly University 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	MiraCosta College	12			\$6,946
Claremont McKenna College	_	12			\$15,747
Vanguard University of Southern Collifornia 9 \$20,042 or \$20,042	Woodbury University		12		\$32,293
California 9 \$0.00.00.00.00.00.00.00.00.00.00.00.00.0	Claremont McKenna College		11		\$21,663
Fresno Pacific University 8 \$15,30 William Jessup University 7 \$27,823 Devry University-California 3 3 \$32,029 Notre Dame de Namur University 6 \$28,243 \$28,243 Poway Adult School 4 ************************************	-		9		\$20,427
William Jessup University 7 \$278,82 DeVry University-California 3 3 \$32,029 Notre Dame de Namur University 6 \$28,243 Poway Adult School 4 ************************************	Escondido Adult School	8			
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and Modesto Campuses Los Angeles Pacific College 2 Marymount California University 2 \$35,660 Simpson University 2 \$25,311 California State University- Dominguez Hills Abraham Lincoln University California State University- Sacramento California State University- Sacramento California State University- Sacramento Madera Community College Mt San Antonio College \$5,777 Pacific States University Scripps College \$44,770 Skyline College \$44,875 University of California-Irvine University of California-Riverside Woodland Community College \$5,748	Holy Names University		2		\$21,515
Marymount California University 2 \$35,600 Simpson University 2 \$25,311 California State University- Dominguez Hills 1 \$4,500 Abraham Lincoln University California State University- Sacramento \$7,778 California State University-San \$14,296 Madera Community College Mt San Antonio College \$5,774 Pacific States University Scripps College \$4,875 Skyline College \$4,885 University of California-Riverside \$13,502 Woodland Community College \$7,480			2		\$7,288
Simpson University California State University-Dominguez Hills Abraham Lincoln University California State University-Sarcamento California State University-Sar Sacramento California State University-San Marcos Madera Community College Mtt San Antonio College Styrya Pacific States University Scripps College Styrya California-Irvine University of California-Riverside University of California-Riverside Styrya Styrya Styrya Styrya Styrya Styrya Styrya Styline College Styrya Styrya Styline College	Los Angeles Pacific College	2			
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Dominguez Hills Abraham Lincoln University California State University- Sacramento California State University-San Marcos Madera Community College Mt San Antonio College Stylyine College Styline College University of California-Irvine University of California-Riverside Woodland Community College \$1,4,805	Simpson University		2		\$25,311
California State University-San Sacramento\$7,778California State University-San Marcos\$14,296Madera Community College\$5,774Mt San Antonio College\$5,774Pacific States University\$44,770Skyline College\$4,885University of California-Irvine\$11,633University of California-Riverside\$7,480Woodland Community College\$7,480			1		\$4,500
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Marcos Madera Community College Mt San Antonio College Pacific States University Scripps College Styline College \$44,770 Skyline College \$11,633 University of California-Riverside Woodland Community College \$7,480	-				\$7,778
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Pacific States University Scripps College \$44,770 Skyline College \$4,885 University of California-Irvine \$11,633 University of California-Riverside \$13,502 Woodland Community College \$7,480	Madera Community College				
Scripps College\$44,770Skyline College\$4,885University of California-Irvine\$11,633University of California-Riverside\$13,502Woodland Community College\$7,480	Mt San Antonio College				\$5,774
Skyline College \$4,885 University of California-Irvine \$11,633 University of California-Riverside \$13,502 Woodland Community College \$7,480	Pacific States University				
University of California-Irvine \$11,633 University of California-Riverside \$13,502 Woodland Community College \$7,480	Scripps College				\$44,770
University of California-Riverside \$13,502 Woodland Community College \$7,480	Skyline College				\$4,885
Woodland Community College \$7,480	University of California-Irvine				\$11,633
	University of California-Riverside				\$13,502
Yuba College \$5,503	Woodland Community College				\$7,480
	Yuba College				\$5,503

Schools	Certs & 2yr Awards ¹	4yr Awards ²	Post-Grad Awards ³	Avg Net Price ⁴
Total	58	1,405	702	

- 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, Accounting, CIP 52.0301.

		Education and Training Requirements				Educat	ional Attai	nment	
		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	Postgraduat e Degree
13-2011	Accountants and Auditors	Bachelor's degree	None	None	2%	3%	6%	60%	30%
13-2022	Appraisers of Personal and Business Property	Bachelor's degree	None	Long-term on-the-job training	7%	16%	8%	54%	15%
13-2031	Budget Analysts	Bachelor's degree	None	None	3%	6%	5%	47%	40%
13-2041	Credit Analysts	Bachelor's degree	None	None	6%	7%	6%	58%	23%
13-2054	Financial Risk Specialists	Bachelor's degree	None	None	5%	9%	4%	48%	34%
13-2061	Financial Examiners	Bachelor's degree	None	Long-term on-the-job training	3%	3%	4%	56%	33%
13-2081	Tax Examiners and Collectors, and Revenue Agents	Bachelor's degree	None	Moderate-term on- the-job training	14%	16%	10%	44%	16%
13-2082	Tax Preparers	High school diploma or equivalent	None	Moderate-term on- the-job training	9%	13%	9%	40%	29%
25-1011	Business Teachers, Postsecondary	Doctoral or professional degree	None	None	1%	1%	1%	14%	83%

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 Accountants and Auditors (13-2011)

Examine, analyze, and interpret accounting records to prepare financial statements, give advice, or audit and evaluate statements prepared by others. Install or advise on systems of recording costs or other financial and budgetary data.

Definition of Appraisers of Personal and Business Property (13-2022)

Appraise and estimate the fair value of tangible personal or business property, such as jewelry, art, antiques, collectibles, and equipment. May also appraise land.

Definition of Budget Analysts (13-2031)

Examine budget estimates for completeness, accuracy, and conformance with procedures and regulations. Analyze budgeting and accounting reports.

Definition of Credit Analysts (13-2041)

Analyze credit data and financial statements of individuals or firms to determine the degree of risk involved in extending credit or lending money. Prepare reports with credit information for use in decisionmaking.

Definition of Financial Risk Specialists (13-2054)

Analyze and measure exposure to credit and market risk threatening the assets, earning capacity, or economic state of an organization. May make recommendations to limit risk.

Definition of Financial Examiners (13-2061)

Enforce or ensure compliance with laws and regulations governing financial and securities institutions and financial and real estate transactions. May examine, verify, or authenticate records.

Definition of Tax Examiners and Collectors, and Revenue Agents (13-2081)

Determine tax liability or collect taxes from individuals or business firms according to prescribed laws and regulations.

Definition of Tax Preparers (13-2082)

Prepare tax returns for individuals or small businesses.

Definition of Business Teachers, Postsecondary (25-1011)

Teach courses in business administration and management, such as accounting, finance, human resources, labor and industrial relations, marketing, and operations research. 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 Accounting in California was 233,161. Over the past three years, linked occupations added 7,795 jobs in the region and are expected to need in aggregate approximately 152,932 newly trained workers over the next seven years.

Snapshot of Occupations Linked to Accounting in California¹

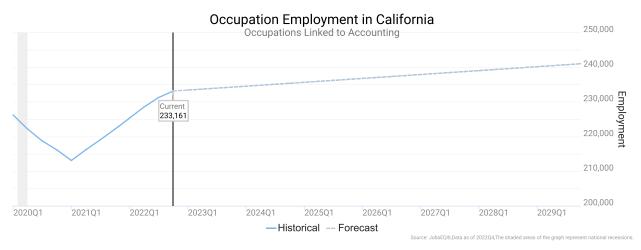
				Cu	ırrent			3-Year History		7-	Year Forecas	t	
soc	Occupation	Empl	Mean Ann Wages²	LQ	Unempl	Unempl Rate	Online Job Ads³	Ann %	Total Demand	Exits	Transfers	Empl Growth	Avg Ann Growth %
13- 2011	Accountants and Auditors	183,550	\$96,900	1.02	2,669	1.5%	5,388	1.1%	120,067	39,458	73,655	6,953	0.5%
13- 2082	Tax Preparers	14,747	\$62,600	1.05	1,123	7.6%	55	3.4%	11,749	5,771	5,977	1	0.0%
13- 2081	Tax Examiners and Collectors, and Revenue Agents	8,250	\$80,200	1.34	38	0.5%	212	-0.2%	4,786	2,330	2,671	-216	-0.4%
13- 2041	Credit Analysts	6,872	\$96,900	0.82	257	3.8%	70	-2.6%	3,703	1,044	2,800	-141	-0.3%
25- 1011	Business Teachers, Postsecondary	5,109	\$141,100	0.54	94	1.8%	699	-1.1%	3,216	1,645	1,389	183	0.5%
13- 2054	Financial Risk Specialists	4,962	\$123,700	0.70	215	4.5%	149	12.9%	3,141	1,005	1,867	269	0.8%
13- 2031	Budget Analysts	4,934	\$98,800	0.87	9	0.2%	273	-3.1%	2,791	986	1,655	150	0.4%
13- 2061	Financial Examiners	4,327	\$110,900	0.58	176	4.2%	129	4.2%	3,260	994	1,623	643	2.0%
13- 2022	Appraisers of Personal and Business Property	412	\$87,900	1.02	8	1.9%	7	-1.5%	220	99	116	5	0.2%
	Total - Linked Occupations	233,161	\$96,000	0.97	4,589	2.0%	6,982	1.1%	152,932	53,332	91,754	7,847	0.5%
	Total - All Occupations	19,219,968	\$71,900	1.00	797,161	4.1%	550,676	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.

^{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.



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

^{2.} Wage data represent the average for all Covered Employment

Employment by Industry

The table illustrates the industries in California which most employ occupations linked to Accounting. The single industry most employing these occupations in the region is Accounting, Tax Preparation, Bookkeeping, and Payroll Services, NAICS 5412. This industry employs 72,004 workers in the linked occupations—employment which is expected to increase by 283 jobs over the next ten years; furthermore, 65,871 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 Accounting in California

		Current		10-Year Demand			
NAICS Code	Industry Title	% of Occ Empl	Empl	Exits	Transfers	Empl Growth	Total Demand
5412	Accounting, Tax Preparation, Bookkeeping, and Payroll Services	30.9%	72,004	25,285	40,587	283	66,155
5511	Management of Companies and Enterprises	5.1%	12,001	3,556	6,728	333	10,618
6113	Colleges, Universities, and Professional Schools	2.8%	6,558	2,604	3,064	496	6,164
9211	Executive, Legislative, and Other General Government Support	2.6%	6,106	2,162	3,040	-159	5,043
5221	Depository Credit Intermediation	2.5%	5,781	1,617	3,305	498	5,421
5416	Management, Scientific, and Technical Consulting Services	2.4%	5,635	1,877	3,337	799	6,014
9221	Justice, Public Order, and Safety Activities	2.2%	5,071	1,710	2,622	3	4,335
5415	Computer Systems Design and Related Services	1.9%	4,410	1,421	2,643	749	4,813
5613	Employment Services	1.7%	3,987	1,237	2,304	315	3,856
5121	Motion Picture and Video Industries	1.6%	3,703	1,192	2,226	587	4,004
5611	Office Administrative Services	1.5%	3,530	1,152	2,148	695	3,995
9231	Administration of Human Resource Programs	1.4%	3,202	1,083	1,653	1	2,738
5239	Other Financial Investment Activities	1.3%	3,108	960	1,799	427	3,187
5313	Activities Related to Real Estate	1.2%	2,866	869	1,599	62	2,530
5222	Nondepository Credit Intermediation	1.2%	2,778	752	1,579	129	2,460
5417	Scientific Research and Development Services	1.1%	2,452	763	1,417	249	2,429
5413	Architectural, Engineering, and Related Services	1.0%	2,285	681	1,266	3	1,950
9261	Administration of Economic Programs	1.0%	2,276	774	1,148	-66	1,856
5242	Agencies, Brokerages, and Other Insurance Related Activities	0.9%	2,099	651	1,206	197	2,054
5241	Insurance Carriers	0.9%	2,089	641	1,193	185	2,020
	All Others	34.8%	81,222	25,210	46,227	5,542	76,979

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 Accounting. Employment is shown by place of work.

California, Occupation Concentration by Place of Work for Occupations Linked to Accounting [export]







Top Counties with Employment Linked to Accounting, 2022Q4

Region	Employment
Los Angeles County, California	62,870
Orange County, California	23,677
San Diego County, California	18,643
Santa Clara County, California	15,755
San Francisco County, California	13,670
Sacramento County, California	11,765
Alameda County, California	8,676
San Bernardino County, California	7,064
Riverside County, California	6,846
San Mateo County, California	6,318

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

Demographics Fopulation (ACS) ————————————————————————————————————		Percent		Value	
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 Age² — — 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 Annual Average Growth ⁴ 0.3% 0.6% 108,479 1,940,990 People per Square Mile — — 250.4 94.3		California	USA	California	USA
Male 49.7% 49.2% 19,562,882 160,818,530 Female 50.3% 50.8% 19,783,141 165,750,778 Median Age² — — 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 Annual Average Growth ⁴ 0.3% 0.6% 108,479 1,940,990 People per Square Mile — — 250.4 94.3	Demographics				
Female 50.3% 50.8% 19,783,141 165,750,778 Median Age² — — — 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 Annual Average Growth ⁴ 0.3% 0.6% 108,479 1,940,990 People per Square Mile — — 250.4 94.3	Population (ACS)	_	_	39,346,023	326,569,308
Median Age² — — 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	Male	49.7%	49.2%	19,562,882	160,818,530
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 Growth4 0.3% 0.6% 108,479 1,940,990 People per Square Mile — — — 250.4 94.3	Female	50.3%	50.8%	19,783,141	165,750,778
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 Growth4 0.3% 0.6% 108,479 1,940,990 People per Square Mile — — 250.4 94.3	Median Age ²	_	_	36.7	38.2
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	Under 18 Years	22.8%	22.4%	8,956,641	73,296,738
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	18 to 24 Years	9.5%	9.3%	3,724,239	30,435,736
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	25 to 34 Years	15.3%	13.9%	6,007,913	45,485,165
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	35 to 44 Years	13.3%	12.7%	5,233,903	41,346,677
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	45 to 54 Years	12.8%	12.7%	5,039,155	41,540,736
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	55 to 64 Years	12.0%	12.9%	4,739,675	42,101,439
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	65 to 74 Years	8.3%	9.4%	3,270,380	30,547,950
Population Annual Average Growth ⁴ 0.3% 0.6% 108,479 1,940,990 People per Square Mile - - - 250.4 94.3	Population Growth				
People per Square Mile - - 250.4 94.3	Population (Pop Estimates) ⁴	_	_	39,029,342	333,287,557
	Population Annual Average Growth ⁴	0.3%	0.6%	108,479	1,940,990
Educational Attainment Acc 25 CA	People per Square Mile	_	_	250.4	94.3
Educational Attainment, Age 25-64	Educational Attainment, Age 25-64				
No High School Diploma 15.2% 10.5% 3,199,850 17,929,220	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	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	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	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	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	Postgraduate Degree	12.9%	12.7%	2,706,412	21,630,870
Social	Social				
Poverty Level (of all people) 12.6% 12.8% 4,853,434 40,910,326	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	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	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	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	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	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	Speak English Less Than Very Well (population 5 yrs and over)	17.4%	8.2%	6,432,102	25,312,024

Source: JobsEQ®

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

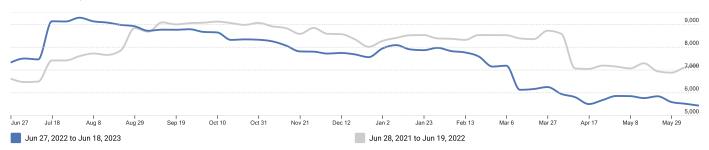
^{2.} Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

^{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

		Active	
soc	Occupation	Job Ads	
13-2011.00	Accountants and Auditors	31,613	
25-1011.00	Business Teachers, Postsecondary	2,240	
13-2081.00	Tax Examiners and Collectors, and Revenue Agents	1,934	
13-2031.00	Budget Analysts	1,370	
13-2054.00	Financial Risk Specialists	1,053	
13-2061.00	Financial Examiners	824	
13-2082.00	Tax Preparers	519	
13-2041.00	Credit Analysts	489	
13-2022.00	Appraisers of Personal and Business Property	22	

Locations

Location	Active Job Ads
Los Angeles, California	2,494
San Francisco, California	2,167
San Diego, California	1,367
Irvine, California	1,045
Sacramento, California	939
San Jose, California	804
Oakland, California	480

Locations

	Active
	Job
Location	Ads
Newport Beach, California	438
Sacramento County, California	427
University of Southern California (USC)	317

Employers

	Active Job
Employer Name	Ads
Robert Half	2,491
H&R BLOCK	2,176
Jobot	1,325
Vaco	763
Appleone	650
Beech Valley Solutions	549
Cybercoders	505
LHH	485
Advantex Professional Services	478
KPMG	442

Certifications

	Active Job
Certificate Name	Ads
Certified Public Accountant (CPA)	7,108
Certified Internal Auditor (CIA)	842
Driver's License	514
Certified Information Systems Auditor (CISA)	469
Certified Management Accountant (CMA)	294
Certified Fraud Examiner (CFE)	243
Licensed Professional Engineer	188
Certified Information Systems Security Professional (CISSP)	160
Certified Anti-Money Laundering Specialist (CAMLS)	115
Project Management Professional (PMP)	99

Hard Skills

Skill Name	Active Job Ads	
Microsoft Excel	13,745	
Understanding of Generally Accepted Accounting Principles (GAAP)	8,644	
Accounting	8,168	
Microsoft Office	6,523	
Public Accounting	5,646	
Reconciliation	5,463	
Finance	4,172	
Microsoft Word	2,856	
Auditing	2,649	
Microsoft PowerPoint	2,639	

Soft Skills

CI-II No.	Active Job	
Skill Name	Ads	
Communication (Verbal and written skills)	22,913	
Cooperative/Team Player	12,179	
Analytical	9,607	
Detail Oriented/Meticulous	8,225	
Organization	7,061	
Problem Solving	6,449	
Ability to Work in a Fast Paced Environment	6,389	
Self-Motivated/Ability to Work Independently/Self Leadership	5,851	
Adaptability/Flexibility/Tolerance of Change and Uncertainty	4,653	
Interpersonal Relationships/Maintain Relationships	4,409	

Job Titles

	Active Job	
Job Title	Ads	
Senior Accountant	1,464	
Staff Accountant	1,455	
Accountant	1,118	
Tax Professional II	667	
Accelerated Tax Associate	642	
Accounting Manager	635	
First Year Tax Professional	603	
Controller	285	
Junior Accountant	249	
Project Accountant	221	

Job Types

	Active Job
Туре	Ads
Full-Time	20,577
Remote	4,153
Permanent	3,537
Temporary (unspecified)	2,375
Part-Time	1,823
Temp-to-Hire	454
Temporary (short-term)	278
Temporary (long-term)	240
Remote Not Indicated	35,911

Programs

	Active
Program Name	Job Ads
Accounting	15,961
Finance	7,819
Business	3,164
Business Administration	2,901
Economics	1,714
Taxation	846
Engineering	619
Public Administration	525
Mathematics	505
Statistics	414

Education Levels

	Active Job
Minimum Education Level	Ads
Bachelor's degree	20,266
High school diploma or equivalent	3,735
Associate's degree	1,220
Master's degree	1,076
Doctoral or professional degree	433
Unspecified/other	13,334

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 06/28/2023 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.