



Education Report

Music, General

California



Definition of Music, General, CIP 50.0901 3
Awards..... 4
Occupation Crosswalk 9
Occupation Details 10
Employment by Industry 11
Geographic Distribution 12
Demographic Profile..... 13
RTI (Job Postings) 14
California Regional Map 19
FAQ..... 20

Definition of Music, General, CIP 50.0901

A general program that focuses on the introductory study and appreciation of music and the performing arts. Includes instruction in music, dance, and other performing arts media.

Awards

The table below is a list of postsecondary awards in CIP 50.0901 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 |
|--|---------------------------------|-------------------------|-------------------------------|----------------------------|
| California State University-Northridge | | 64 | | \$8,708 |
| University of California-Los Angeles | | 22 | 33 | \$13,393 |
| University of California-Berkeley | | 40 | 14 | \$17,652 |
| California State University-Fresno | | 38 | 14 | \$6,336 |
| Azusa Pacific University | | 28 | 23 | \$27,112 |
| California State University-Chico | | 48 | | \$13,749 |
| California State Polytechnic University-Pomona | | 39 | | \$12,942 |
| California State University-Fullerton | | 34 | 5 | \$4,939 |
| Riverside City College | 34 | | | \$7,161 |
| University of California-Santa Barbara | | 19 | 12 | \$17,333 |
| Citrus College | 27 | | | \$8,852 |
| San Jose State University | | 7 | 18 | \$14,603 |
| University of California-Riverside | | 21 | 3 | \$13,502 |
| University of California-San Diego | | 17 | 6 | \$15,632 |
| California State University-East Bay | | 15 | 7 | \$12,631 |
| Fullerton College | 22 | | | \$11,191 |
| University of California-Irvine | | 15 | 7 | \$11,633 |
| California State Polytechnic University-Humboldt | | 21 | | \$13,904 |
| California State University-Bakersfield | | 21 | | \$7,368 |
| Sonoma State University | | 21 | | \$7,055 |
| University of California-Davis | | 16 | 5 | \$16,640 |
| Pasadena City College | 20 | | | \$6,466 |
| Chabot College | 19 | | | \$8,576 |
| California Baptist University | | | 18 | \$23,494 |
| Stanford University | | 1 | 17 | \$14,402 |
| San Francisco State University | | 14 | 3 | \$13,641 |
| Santa Monica College | 16 | | | \$6,380 |
| California State University-Monterey Bay | | 15 | | \$6,085 |
| Cuesta College | 15 | | | \$14,586 |
| Laney College | 15 | | | \$16,494 |

| Schools | Certs & 2yr Awards ¹ | 4yr Awards ² | Post-Grad Awards ³ | Avg Net Price ⁴ |
|---|---------------------------------|-------------------------|-------------------------------|----------------------------|
| The Master's University and Seminary | | 15 | | \$30,748 |
| California Lutheran University | | 14 | | \$24,065 |
| Los Angeles City College | 14 | | | \$10,898 |
| Reedley College | 14 | | | \$7,089 |
| California State University-Dominguez Hills | | 13 | | \$4,500 |
| College of the Sequoias | 13 | | | \$5,205 |
| Holy Names University | | 13 | | \$21,515 |
| College of the Desert | 12 | | | \$14,179 |
| University of San Diego | | 12 | | \$34,155 |
| California State University-San Marcos | | 11 | | \$14,296 |
| California State University-Stanislaus | | 11 | | \$7,230 |
| El Camino Community College District | 11 | | | \$13,296 |
| Moorpark College | 11 | | | \$4,856 |
| University of Southern California | | 11 | | \$26,021 |
| Ventura College | 11 | | | \$3,971 |
| West Valley College | 11 | | | \$6,890 |
| Westmont College | | 11 | | \$33,554 |
| California Institute of the Arts | | 10 | | \$53,916 |
| California State University-Los Angeles | | 6 | 4 | \$2,695 |
| California State University-San Bernardino | | 10 | | \$3,254 |
| East Los Angeles College | 10 | | | \$12,028 |
| San Diego Mesa College | 10 | | | \$7,663 |
| Bethesda University | | 7 | 2 | \$18,489 |
| Crafton Hills College | 9 | | | \$20,456 |
| Foothill College | 9 | | | \$9,820 |
| Fresno City College | 9 | | | \$6,391 |
| MiraCosta College | 9 | | | \$6,946 |
| Mt San Antonio College | 9 | | | \$5,774 |
| Occidental College | | 9 | | \$43,047 |
| Santa Clara University | | 9 | | \$48,469 |
| Southwestern College | 9 | | | \$6,789 |
| University of La Verne | | 9 | | \$22,538 |
| Cabrillo College | 8 | | | \$18,139 |
| California Polytechnic State University-San Luis Obispo | | 8 | | \$20,708 |
| Bakersfield College | 7 | | | \$6,989 |

| Schools | Certs & 2yr Awards ¹ | 4yr Awards ² | Post-Grad Awards ³ | Avg Net Price ⁴ |
|--|---------------------------------|-------------------------|-------------------------------|----------------------------|
| California State University-Long Beach | | 6 | 1 | \$9,171 |
| California State University-Sacramento | | 7 | | \$7,778 |
| Claremont Graduate University | | | 7 | |
| College of San Mateo | 7 | | | \$5,427 |
| College of the Canyons | 7 | | | \$6,400 |
| Diablo Valley College | 7 | | | \$8,878 |
| Gavilan College | 7 | | | \$8,705 |
| Pepperdine University | | 7 | | \$40,945 |
| Sacramento City College | 7 | | | \$7,788 |
| Santa Barbara City College | 7 | | | \$14,000 |
| Sierra College | 7 | | | \$5,921 |
| Vanguard University of Southern California | | 7 | | \$20,427 |
| William Jessup University | | 7 | | \$27,823 |
| Antelope Valley Community College District | 6 | | | \$6,203 |
| Chapman University | | 6 | | \$40,451 |
| Grossmont College | 6 | | | \$5,999 |
| Modesto Junior College | 6 | | | \$14,421 |
| Palomar College | 6 | | | \$6,659 |
| University of the Pacific | | 6 | | \$21,311 |
| Cerritos College | 5 | | | \$9,557 |
| Chaffey College | 5 | | | \$13,939 |
| Columbia College | 5 | | | \$10,735 |
| Hartnell College | 5 | | | \$7,721 |
| La Sierra University | | 5 | | \$25,230 |
| Long Beach City College | 5 | | | \$6,550 |
| Loyola Marymount University | | 5 | | \$40,180 |
| Saddleback College | 5 | | | \$7,918 |
| Solano Community College | 5 | | | \$5,950 |
| World Mission University | | 5 | | \$18,897 |
| Allan Hancock College | 4 | | | \$6,629 |
| American River College | 4 | | | \$8,101 |
| Contra Costa College | 4 | | | \$9,405 |
| Irvine Valley College | 4 | | | \$4,860 |
| Las Positas College | 4 | | | \$7,675 |
| Mt San Jacinto Community College District | 4 | | | \$7,704 |
| Orange Coast College | 4 | | | \$6,836 |

| Schools | Certs & 2yr Awards ¹ | 4yr Awards ² | Post-Grad Awards ³ | Avg Net Price ⁴ |
|------------------------------------|---------------------------------|-------------------------|-------------------------------|----------------------------|
| Pomona College | | 4 | | \$17,000 |
| Santa Rosa Junior College | 4 | | | \$9,220 |
| University of Redlands | | 4 | | \$21,578 |
| College of Marin | 3 | | | \$7,717 |
| Dominican University of California | | 3 | | \$45,001 |
| Glendale Community College | 3 | | | \$7,823 |
| Los Medanos College | 3 | | | \$7,231 |
| Mills College | | 3 | | \$25,283 |
| Moreno Valley College | 3 | | | \$4,899 |
| Point Loma Nazarene University | | 3 | | \$34,851 |
| Santa Ana College | 3 | | | \$6,351 |
| Simpson University | | 3 | | \$25,311 |
| Victor Valley College | 3 | | | \$12,848 |
| Whittier College | | 3 | | \$22,091 |
| De Anza College | 2 | | | \$8,236 |
| Golden West College | 2 | | | \$5,433 |
| Imperial Valley College | 2 | | | \$2,300 |
| Los Angeles Valley College | 2 | | | \$11,833 |
| Mission College | 2 | | | \$6,727 |
| Monterey Peninsula College | 2 | | | \$12,007 |
| Napa Valley College | 2 | | | \$18,440 |
| Pacific Union College | 1 | 1 | | \$22,767 |
| San Joaquin Delta College | 2 | | | \$17,503 |
| Shasta College | 2 | | | \$7,973 |
| Skyline College | 2 | | | \$4,885 |
| Claremont McKenna College | | 1 | | \$21,663 |
| College of the Siskiyous | 1 | | | \$11,340 |
| Cosumnes River College | 1 | | | \$7,223 |
| Cuyamaca College | 1 | | | \$6,460 |
| Harvey Mudd College | | 1 | | \$33,838 |
| Los Angeles Harbor College | 1 | | | \$12,787 |
| Merced College | 1 | | | \$13,426 |
| Mount Saint Mary's University | | 1 | | \$24,508 |
| Norco College | 1 | | | \$7,404 |
| Rio Hondo College | 1 | | | \$7,873 |
| San Bernardino Valley College | 1 | | | \$9,621 |
| San Diego State University | | 1 | | \$6,867 |

| Schools | Certs & 2yr Awards ¹ | 4yr Awards ² | Post-Grad Awards ³ | Avg Net Price ⁴ |
|-------------------------------------|---------------------------------|-------------------------|-------------------------------|----------------------------|
| Scripps College | | 1 | | \$44,770 |
| Canada College | | | | \$5,923 |
| City College of San Francisco | | | | \$9,261 |
| Compton College | | | | \$10,875 |
| Cypress College | | | | \$7,951 |
| Fresno Pacific University | | | | \$15,350 |
| Los Angeles Pierce College | | | | \$12,995 |
| Los Angeles Southwest College | | | | \$8,651 |
| Mendocino College | | | | \$8,465 |
| Ohlone College | | | | \$12,787 |
| Pitzer College | | | | \$19,153 |
| Saint Mary's College of California | | | | \$25,022 |
| San Diego Christian College | | | | \$34,564 |
| University of California-Santa Cruz | | | | \$19,615 |
| University of Saint Katherine | | | | \$26,616 |
| West Los Angeles College | | | | \$10,259 |
| Yuba College | | | | \$5,503 |
| Total | 541 | 785 | 199 | |

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, Music, General, CIP 50.0901.

| | | Education and Training Requirements | | | Educational Attainment | | | | |
|---------|--|-------------------------------------|---|---|------------------------|-------------------------|--------------------|-------------------|---------------------|
| | | Typical Education Needed for Entry | Work Experience in a Related Occupation | Typical On-the-Job Training Needed to Attain Competency in the Occupation | No College | Some College, No Degree | Associate's Degree | Bachelor's Degree | Postgraduate Degree |
| 25-2031 | Secondary School Teachers, Except Special and Career/Technical Education | Bachelor's degree | None | None | 0% | 2% | 1% | 41% | 56% |
| 27-2042 | Musicians and Singers | None | None | Long-term on-the-job training | 12% | 15% | 5% | 37% | 31% |

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

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

Definition of Musicians and Singers (27-2042)

Play one or more musical instruments or sing. May perform on stage, for broadcasting, or for sound or video recording.

Occupation Details

As of 2022Q4, total employment for occupations linked to Music, General in California was 123,261. Over the past three years, linked occupations shed 5,159 jobs in the region and are expected to need in aggregate approximately 72,028 newly trained workers over the next seven years.

Snapshot of Occupations Linked to Music, 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% | 2,003 | -1.0% | 52,871 | 21,638 | 29,100 | 2,132 | 0.3% |
| 27-2042 | Musicians and Singers | 17,940 | \$77,000 | 1.00 | 707 | 3.8% | 64 | -3.3% | 19,157 | 10,036 | 7,360 | 1,761 | 1.3% |
| Total - Linked Occupations | | 123,261 | \$97,000 | 0.87 | 3,239 | 2.6% | 2,067 | -1.4% | 72,028 | 31,675 | 36,460 | 3,893 | 0.4% |
| 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®](#)

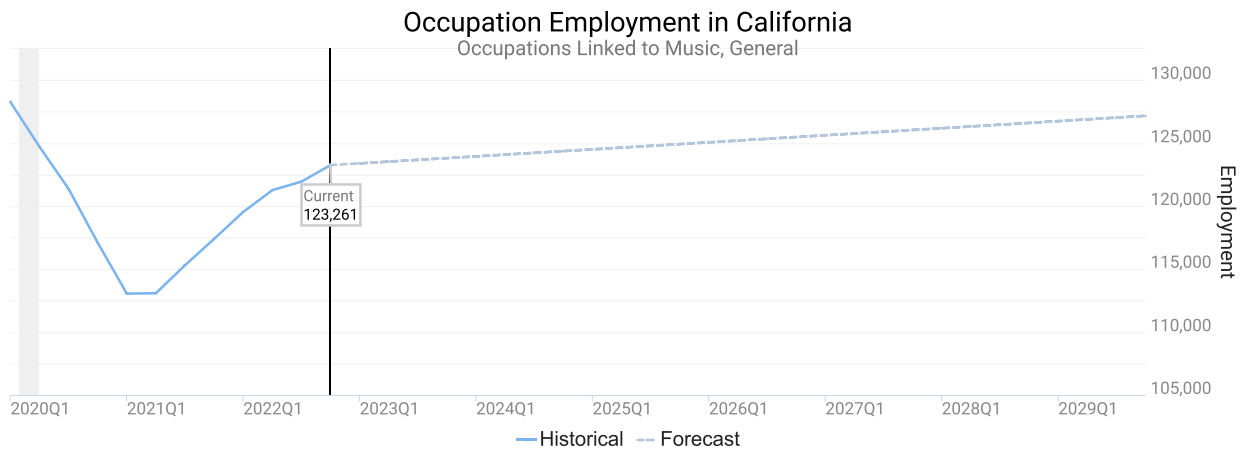
Data as of 2022Q4 unless noted otherwise

Note: Figures may not sum due to rounding.

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

2. Wage data represent the average for all Covered Employment

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



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

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

Employment by Industry

The table illustrates the industries in California which most employ occupations linked to Music, General. The single industry most employing these occupations in the region is Elementary and Secondary Schools, NAICS 6111. This industry employs 103,982 workers in the linked occupations—employment which is expected to increase by 2,950 jobs over the next ten years; furthermore, 71,692 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 Music, 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 | 84.4% | 103,982 | 30,616 | 41,076 | 2,950 | 74,642 |
| 8131 | Religious Organizations | 5.9% | 7,276 | 5,302 | 4,018 | 526 | 9,846 |
| 7115 | Independent Artists, Writers, and Performers | 4.7% | 5,741 | 4,594 | 3,369 | 827 | 8,790 |
| 7111 | Performing Arts Companies | 3.8% | 4,717 | 3,917 | 2,873 | 1,095 | 7,885 |
| | All Others | 1.3% | 1,545 | 837 | 768 | 230 | 1,835 |

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.

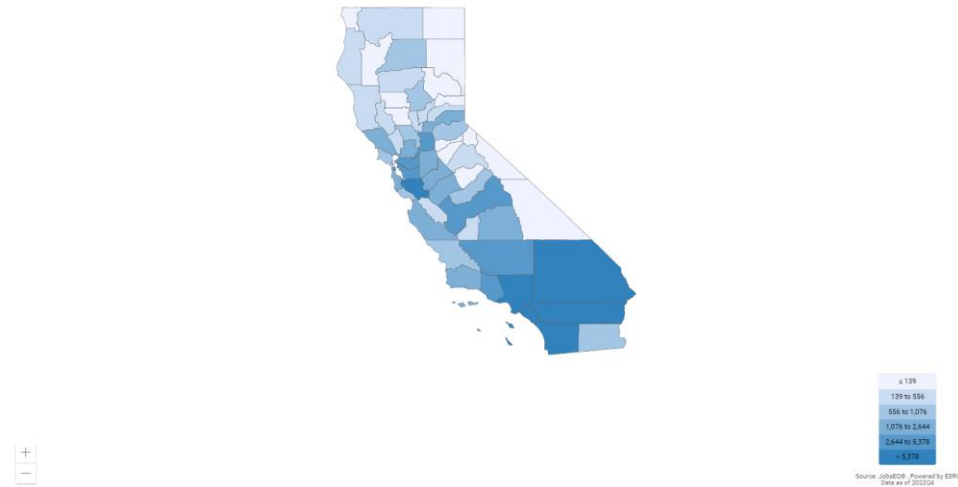
Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2022Q3, imputed where necessary with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

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

export



Top Counties with Employment Linked to Music, General, 2022Q4

| Region | Employment |
|-----------------------------------|------------|
| Los Angeles County, California | 32,876 |
| San Diego County, California | 9,894 |
| Orange County, California | 9,662 |
| Riverside County, California | 6,995 |
| San Bernardino County, California | 6,697 |
| Santa Clara County, California | 5,378 |
| Alameda County, California | 4,647 |
| Sacramento County, California | 4,380 |
| Fresno County, California | 3,723 |
| Kern County, California | 3,395 |

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

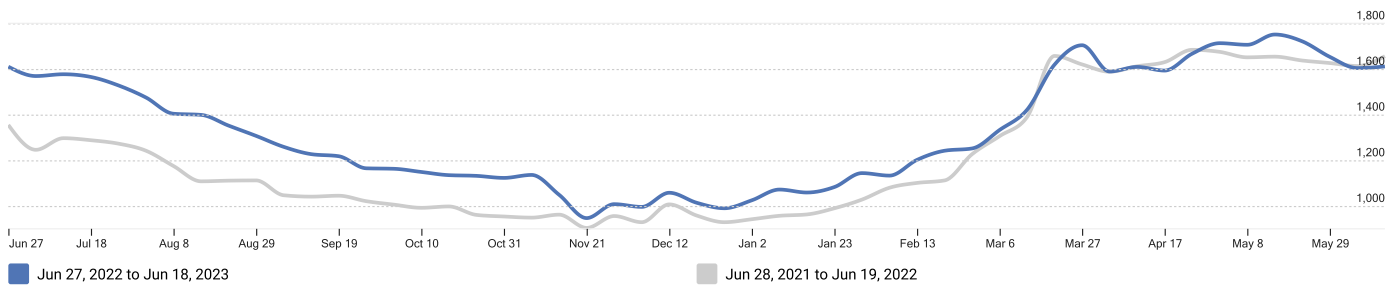
2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

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 | 7,725 |
| 27- 2042.00 | Musicians and Singers | 183 |

Locations

| Location | Active Job Ads |
|--|----------------|
| Oakland, CA 94607 | 208 |
| Los Angeles, California | 140 |
| San Francisco, California | 75 |
| 4351 Broadway, Oakland, CA 94611 | 59 |
| San Jose, California | 55 |
| 8601 MacArthur Blvd, Oakland, CA 94605 | 47 |
| Oakland, California | 45 |
| 95133-1316 | 44 |
| 12250 Skyline Blvd, Oakland, CA 94619 | 42 |
| 95337 | 40 |

Employers

| Employer Name | Active Job Ads | |
|-----------------------------------|----------------|--|
| Oakland Unified School District | 522 | |
| Kaiser Permanente | 182 | |
| Fusion Academy | 127 | |
| Kern High School District | 100 | |
| Bright Star Schools | 89 | |
| C2educate | 54 | |
| East Side High School District | 49 | |
| GetSelected.com | 47 | |
| Elk Grove Unified School District | 41 | |
| Leadership Public Schools | 41 | |

Certifications

| Certificate Name | Active Job Ads | |
|--|----------------|--|
| First Aid Certification | 225 | |
| Driver's License | 212 | |
| Certification in Cardiopulmonary Resuscitation (CPR) | 204 | |
| Licensed Clinical Social Worker (LCSW) | 7 | |
| ServSafe Food Protection Manager Certification | 7 | |
| Secret Clearance | 5 | |
| Food Safety Manager Certification | 3 | |
| AED Essentials | 2 | |
| Adult CPR | 2 | |
| Basic Life Support (BLS) | 2 | |

Hard Skills

| Skill Name | Active Job Ads | |
|-----------------------------------|----------------|--|
| Teaching/Training, School | 5,167 | |
| Spanish | 717 | |
| Mathematics | 560 | |
| Bilingual | 480 | |
| English | 343 | |
| Microsoft Office | 273 | |
| Calculators | 259 | |
| Working With Children | 169 | |
| Microsoft Excel | 162 | |
| Student Information Systems (SIS) | 142 | |

Soft Skills

| Skill Name | Active Job Ads | |
|--|----------------|--|
| Communication (Verbal and written skills) | 2,711 | |
| Cooperative/Team Player | 1,513 | |
| Clerical | 682 | |
| Organization | 679 | |
| Interpersonal Relationships/Maintain Relationships | 656 | |
| Problem Solving | 591 | |
| Self-Motivated/Ability to Work Independently/Self Leadership | 554 | |
| Listening | 529 | |
| Adaptability/Flexibility/Tolerance of Change and Uncertainty | 488 | |
| Critical Thinking | 488 | |

Job Titles

| Job Title | Active Job Ads | |
|---|----------------|--|
| Intern I - High School | 171 | |
| English Teacher | 117 | |
| High School Teacher | 69 | |
| Spanish Teacher | 58 | |
| TEACHER (HIGH SCHOOL-GENERAL EDUCATION) (CORRECTIONAL FACILITY) | 51 | |
| Science Teacher | 47 | |
| High School English Teacher | 33 | |
| High School Science Teacher | 33 | |
| Chemistry Teacher | 29 | |
| Biology Teacher | 27 | |

Job Types

| Type | Active Job Ads | |
|-------------------------|----------------|--|
| Full-Time | 4,980 | |
| Part-Time | 1,957 | |
| Temporary (unspecified) | 500 | |
| Temporary (long-term) | 216 | |
| Permanent | 130 | |
| Remote | 81 | |
| Temporary (short-term) | 3 | |
| Remote Not Indicated | 7,827 | |

Programs

| Program Name | Active Job Ads | |
|----------------|----------------|--|
| Education | 217 | |
| Mathematics | 154 | |
| Biology | 151 | |
| Science | 99 | |
| Chemistry | 93 | |
| English | 92 | |
| Psychology | 73 | |
| Social Work | 67 | |
| History | 51 | |
| Social Science | 45 | |

Education Levels

| Minimum Education Level | Active Job Ads | |
|-----------------------------------|----------------|--|
| Bachelor's degree | 2,532 | |
| Associate's degree | 373 | |
| Master's degree | 277 | |
| Doctoral or professional degree | 26 | |
| High school diploma or equivalent | 23 | |
| Unspecified/other | 4,677 | |

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

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