



# Education Report

## Human Development and Family Studies, General

California



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# Definition of Human Development and Family Studies, General, CIP 19.0701

A general program that focuses on basic human developmental and behavioral characteristics of the individual within the context of the family. Includes instruction in the conditions that influence human growth and development; strategies that promote growth and development across the life span; and the study of family systems.

# Awards

The table below is a list of postsecondary awards in CIP 19.0701 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>
University of California-Davis		337	6	\$16,640
California State University-East Bay		292		\$12,631
California State University-San Marcos		223		\$14,296
California State University-Long Beach		150		\$9,171
Pacific Oaks College		75	62	
University of California-San Diego		87		\$15,632
California State University-San Bernardino		75		\$3,254
Southwestern College	63			\$6,789
California State University-Monterey Bay		52		\$6,085
Sonoma State University		32		\$7,055
Fielding Graduate University			30	
Hope International University		18		\$18,801
Loma Linda University			13	
Cuesta College	12			\$14,586
Los Angeles Mission College	12			\$12,798
Shasta College	9			\$7,973
Napa Valley College	8			\$18,440
San Diego Christian College		5		\$34,564
California Polytechnic State University-San Luis Obispo				\$20,708
Orange Coast College				\$6,836
Saddleback College				\$7,918
<b>Total</b>	<b>104</b>	<b>1,346</b>	<b>111</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, Human Development and Family Studies, General, CIP 19.0701.

		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
25-1192	Family and Consumer Sciences 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 Family and Consumer Sciences Teachers, Postsecondary (25-1192)

Teach courses in childcare, family relations, finance, nutrition, and related subjects pertaining to home management. 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 Human Development and Family Studies, General in California was 425. Over the past three years, linked occupations shed 36 jobs in the region and are expected to need in aggregate approximately 265 newly trained workers over the next seven years.

Snapshot of Occupations Linked to Human Development and Family Studies, General in California<sup>1</sup>

SOC	Occupation	Current						3-Year History	7-Year Forecast				
		Empl	Mean Ann Wages <sup>2</sup>	LQ	Unempl	Unempl Rate	Online Job Ads <sup>3</sup>	Ann %	Total Demand	Exits	Transfers	Empl Growth	Avg Ann Growth %
25-1192	Family and Consumer Sciences Teachers, Postsecondary	425	\$155,500	1.17	8	1.9%	38	-2.7%	265	136	115	13	0.4%
<b>Total - Linked Occupations</b>		<b>425</b>	<b>\$155,500</b>	<b>1.17</b>	<b>8</b>	<b>1.9%</b>	<b>38</b>	<b>-2.7%</b>	<b>265</b>	<b>136</b>	<b>115</b>	<b>13</b>	<b>0.4%</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®](#)

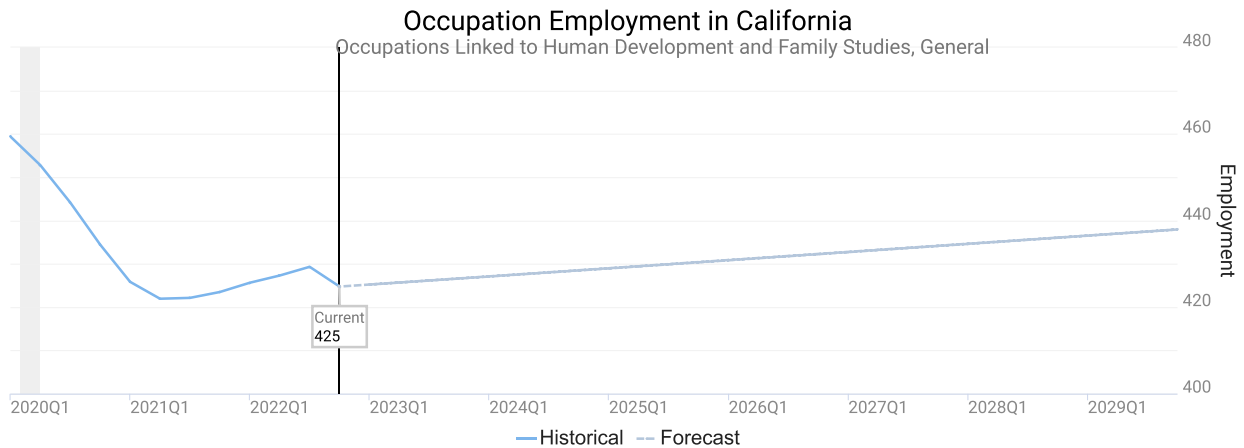
Data as of 2022Q4 unless noted otherwise

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.



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 Human Development and Family Studies, General. The single industry most employing these occupations in the region is Colleges, Universities, and Professional Schools, NAICS 6113. This industry employs 259 workers in the linked occupations—employment which is expected to increase by 20 jobs over the next ten years; furthermore, 223 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 Human Development and Family Studies, General in California**

NAICS Code	Industry Title	Current			10-Year Demand		
		% of Occ Empl	Empl	Exits	Transfers	Empl Growth	Total Demand
6113	Colleges, Universities, and Professional Schools	61.1%	259	121	102	20	243
6112	Junior Colleges	37.4%	159	71	60	-1	130
6115	Technical and Trade Schools	1.5%	6	3	2	0	6

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.

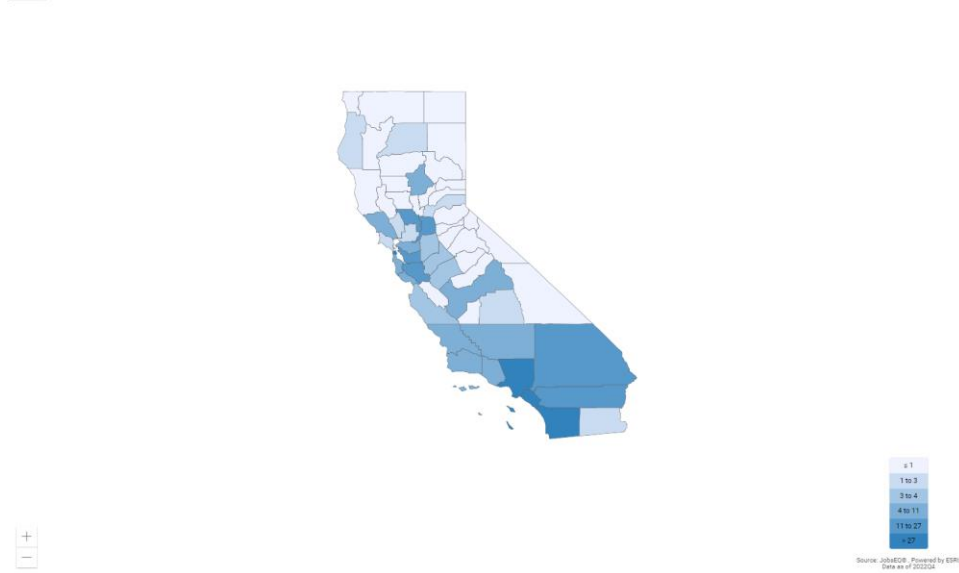
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# Geographic Distribution

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

California, Occupation Concentration by Place of Work for Occupations Linked to Human Development and Family Studies, General



## Top Counties with Employment Linked to Human Development and Family Studies, General, 2022Q4

Region	Employment
Los Angeles County, California	119
San Diego County, California	50
Orange County, California	37
San Francisco County, California	28
Alameda County, California	23
Santa Clara County, California	23
Yolo County, California	17
Riverside County, California	13
San Bernardino County, California	12
Sacramento County, California	12

Source: JobsEQ®

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



# Demographic Profile

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

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

## Summary<sup>1</sup>

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

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

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

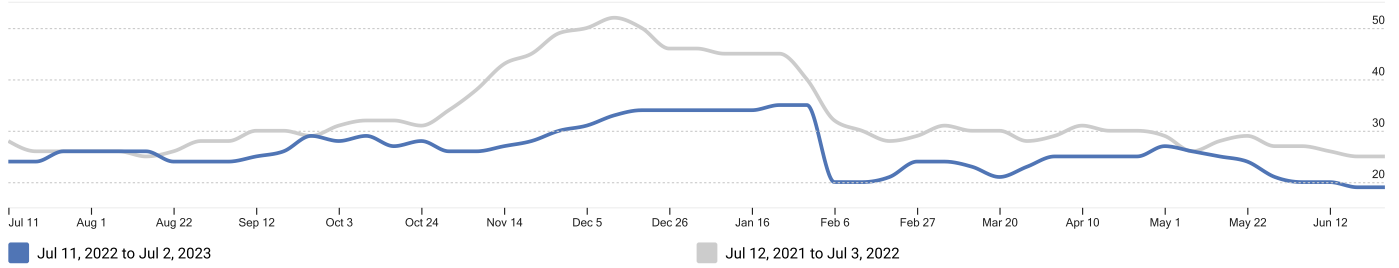
2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

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

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

# RTI (Job Postings)

Active Job Ads by Date



## Occupations

SOC	Occupation	Active Job Ads
25- 1192.00	Family and Consumer Sciences Teachers, Postsecondary	73

## Locations

Location	Active Job Ads
3375 Camino Del Rio South, San Diego, CA 92108	5
Bakersfield, California	4
Oakland, CA 94619	4
Fullerton, California 92832	3
Modesto CA 95350	3
Sonora CA 95370	3
1 Grand Avenue, San Luis Obispo, CA 93407, USA	2
1499 N State Street 92583	San Jacinto, California, 2
550 E Hospitality Lane, Suite 200, San Bernardino, California, 92408	2
Modesto, California 95352	2

### Employers

Employer Name	Active Job Ads	
Yosemite Community College District	9	
San Diego Community College District	7	
Kern Community College District	5	
Peralta Community College District	5	
North Orange County Community College District	3	
CA STATE HOSPITALS	2	
California Baptist University	2	
California Polytechnic State University	2	
Davis, California	2	
Los Angeles County Office of Education	2	

### Certifications

Certificate Name	Active Job Ads	
Registered Dietitian (RD)	17	
Driver's License	1	

### Hard Skills

Skill Name	Active Job Ads	
Teaching/Training, School	31	
Filipino	4	
Food Service	4	
Bilingual	3	
Auditing	2	
Community Outreach	2	
Cost Accounting	2	
Telecommunications	2	
Testing Software	2	
The Family and Medical Leave Act (FMLA)	2	

### Soft Skills

Skill Name	Active Job Ads	
Communication (Verbal and written skills)	23	
Supervision/Management	8	
Critical Thinking	7	
Interpersonal Relationships/Maintain Relationships	7	
Initiative	6	
Self-Motivated/Ability to Work Independently/Self Leadership	5	
Adaptability/Flexibility/Tolerance of Change and Uncertainty	4	
Cooperative/Team Player	4	
Diversity Awareness/Intercultural Competence	3	
Organization	3	

### Job Titles

Job Title	Active Job Ads	
NUTRITIONAL SCIENCE/DIETETICS: Adjunct / Substitute Instructor POOL (college credit)	5	
Part-Time Online Food and Nutrition - POOL - Modesto Junior College	4	
Nutrition and Dietetics Instructor - Merritt	3	
Nutrition and Foods Instructor Pool-Part-Time	3	
Adjunct - Professor, Nutritional Science/Dietetics	2	
Adjunct Nutritional Science/Dietetics Instructor - POOL - Columbia College	2	
Educational Advisor, Counseling (One or More Positions)	2	
Nutrition and Food Sciences - Adjunct Faculty	2	
Nutrition and Wellness Specialist	2	
Nutritional Science/Dietetics: Contract Instructor-College Credit	2	

### Job Types

Type	Active Job Ads	
Part-Time	31	
Full-Time	30	
Temporary (unspecified)	7	
Permanent	7	
Remote	2	
Temporary (long-term)	1	
Remote Not Indicated	71	

### Programs

Program Name	Active Job Ads	
Nutrition	43	
Dietetics	40	
Chemistry	37	
Public Health	36	
Economics	13	
Human Development	4	
Child Development	2	
Culinary Arts	2	
Early Childhood Education	2	
Food Science	2	

### Education Levels

Minimum Education Level	Active Job Ads	
Bachelor's degree	50	
Master's degree	6	
High school diploma or equivalent	3	
Associate's degree	2	
Doctoral or professional degree	1	
Unspecified/other	11	

# California Regional Map



# FAQ

## What is CIP?

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

## What is SOC?

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

## What is the source of the job ads?

Job ads data are online job posts from the Real-Time Intelligence (RTI) data set, produced wholly by Chmura and gleaned from over 40,000 websites. Data reflect ads active during the last twelve month period ending 07/06/2023 and advertised for any Zip Code Tabulation Area in or intersecting with the region for which this report was produced. Historical ad volume is revised as additional data are made available and processed. Since many extraneous factors can affect short-term volume of online job postings, time-series data can be volatile and should be used with caution. All ad counts represent deduplicated figures.

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

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

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

## What is separation demand?

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



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

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

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

### **What is NAICS?**

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

#### **About This Report**

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