Education Report

Registered Nursing/Registered Nurse

California

Definition of Registered Nursing/Registered Nurse, CIP 51.3801

A program that generally prepares individuals in the knowledge, techniques and procedures for promoting health, providing care for sick, disabled, infirmed, or other individuals or groups. Includes instruction in the administration of medication and treatments, assisting a physician during treatments and examinations, Referring patients to physicians and other health care specialists, and planning education for health maintenance.

Awards

The table below is a list of postsecondary awards in CIP 51.3801 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]
West Coast University-Orange County		971		$24,624
West Coast University-Los Angeles		778		$43,647
West Coast University-Ontario		698		$38,052
Azusa Pacific University		494	186	$27,112
Samuel Merritt University		505	90	
California State University-Fullerton		373	50	$4,939
National University		380	24	$9,966
California State University-San Marcos		294	27	$14,296
California State University-Sacramento		255	61	$7,778
University of San Francisco		233	33	$39,825
California State University-Dominguez Hills		195	61	$4,500
San Diego State University		237	12	$6,867
California State University-Long Beach		137	111	$9,171
California State University-Los Angeles		163	83	$2,695
California Baptist University		156	80	$23,494
California State University-East Bay		184	23	$12,631
Mount Saint Mary's University	45	162		$24,508
San Jose State University		182	25	$14,603
Fresno City College	202			$6,391
Loma Linda University		197	3	
San Francisco State University		136	49	$13,641
Saddleback College	176			$7,918
Glendale Community College	174			$7,823
Riverside City College	166			$7,161
California State University-San Bernardino		159	4	$3,254
Point Loma Nazarene University		129	31	$34,851
University of California-San Francisco			159	
California State University-Fresno		154	1	$6,336
Pacific Union College	91	55		$22,767

Schools	Certs & 2yr Awards[1]	4yr Awards[2]	Post-Grad Awards[3]	Avg Net Price[4]
California State University-Stanislaus		125	15	$7,230
Concordia University-Irvine		135		$25,640
Bakersfield College	133			$6,989
California State University-Bakersfield		106	18	$7,368
California State University-Chico		119	4	$13,749
San Joaquin Delta College	123			$17,503
Pasadena City College	122			$6,466
University of Phoenix-California		118		$15,400
Butte College	113			$10,736
Modesto Junior College	112			$14,421
Career Networks Institute	111			$28,344
Dominican University of California		110		$45,001
Mt San Antonio College	110			$5,774
Gurnick Academy of Medical Arts	86	23		$28,773
Santa Monica College	106			$6,380
Chamberlain University-California		103		
Antelope Valley Community College District	102			$6,203
California State University-Channel Islands		99		$14,493
San Bernardino Valley College	99			$9,621
American University of Health Sciences		92		$19,424
California State University-Northridge		92		$8,708
College of the Sequoias	89			$5,205
Solano Community College	89			$5,950
Sonoma State University		59	30	$7,055
Golden West College	85			$5,433
American Career College-Los Angeles	84			$26,420
Long Beach City College	84			$6,550
Santa Ana College	83			$6,351
Victor Valley College	83			$12,848
Ventura College	82			$3,971
Los Angeles City College	81			$10,898
City College of San Francisco	80			$9,261
Stanbridge University	78	2		$36,905
College of the Canyons	76			$6,400

Schools	Certs & 2yr Awards[1]	4yr Awards[2]	Post-Grad Awards[3]	Avg Net Price[4]
Grossmont College	76			$5,999
Los Angeles Trade Technical College	76			$10,495
Palomar College	76			$6,659
Glendale Career College	59	16		$41,847
Los Angeles County College of Nursing and Allied Health	75			
California State University-Monterey Bay		74		$6,085
Western University of Health Sciences			74	
Evergreen Valley College	73			$15,650
El Camino Community College District	72			$13,296
Cabrillo College	68			$18,139
Moorpark College	68			$4,856
Santa Barbara City College	68			$14,000
Los Angeles Harbor College	67			$12,787
American River College	65			$8,101
Compton College	64			$10,875
Southwestern College	64			$6,789
College of the Redwoods	63			$8,618
San Diego City College	62			$8,370
Sacramento City College	61			$7,788
Cypress College	59			$7,951
Los Angeles Valley College	59			$11,833
Merced College	58			$13,426
Shasta College	58			$7,973
Yuba College	58			$5,503
San Joaquin Valley College-Visalia	57			$25,267
Rio Hondo College	56			$7,873
Cerritos College	55			$9,557
East Los Angeles College	55			$12,028
Mt San Jacinto Community College District	55			$7,704
Santa Rosa Junior College	54			$9,220
United States University		54		$13,529
College of San Mateo	50			$5,427
MiraCosta College	50			$6,946
De Anza College	49			$8,236
Carrington College-Sacramento	48			$36,155

Schools	Certs & 2yr Awards[1]	4yr Awards[2]	Post-Grad Awards[3]	Avg Net Price[4]
Unitek College	4	44		$37,823
Los Angeles Pierce College	47			$12,995
Cuesta College	45			$14,586
Gavilan College	43			$8,705
Los Angeles Southwest College	43			$8,651
Imperial Valley College	42			$2,300
Napa Valley College	42			$18,440
College of Marin	41			$7,717
College of the Desert	40			$14,179
Los Medanos College	40			$7,231
Simpson University		39		$25,311
Hartnell College	38			$7,721
West Hills College-Lemoore	38			$13,571
Sierra College	37			$5,921
California Career College	36			$39,110
Chaffey College	36			$13,939
Contra Costa College	35			$9,405
Allan Hancock College	32			$6,629
Chabot College	31			$8,576
Citrus College	31			$8,852
Monterey Peninsula College	30			$12,007
Vanguard University of Southern California		30		$20,427
Biola University		29		$29,123
Mission College	27			$6,727
San Joaquin Valley College-Ontario	27			$23,525
Career Care Institute	26			$35,724
Mendocino College	23			$8,465
Copper Mountain Community College	22			$8,749
Porterville College	20			$5,757
Ohlone College	19			$12,787
Ashford University		18		$23,585
North-West College-San Diego	18			$41,084
Angeles College		17		$19,997
Fresno Pacific University		14		$15,350
Madera Community College	12			
Pacific College		4		$23,663

Schools	Certs & 2yr Awards[1]	4yr Awards[2]	Post-Grad Awards[3]	Avg Net Price[4]
University of Massachusetts Global		4		$26,346
Charles R Drew University of Medicine and Science		1		$26,470
Homestead Schools		1		$12,296
California State Polytechnic University-Humboldt				$13,904
Casa Loma College-Van Nuys				$22,000
College of the Siskiyous				$11,340
Glendale Career College-North-West College-Bakersfield				
Holy Names University				$21,515
Irvine Valley College				$4,860
Merritt College				$16,194
Reedley College				$7,089
Total	5,968	8,755	1,254	

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, Registered Nursing/Registered Nurse, CIP 51.3801.

		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**
25-1072	Nursing Instructors and Teachers, Postsecondary	Doctoral or professional degree	Less than 5 years	None	1%	1%	1%	14%	82%
29-1141	Registered Nurses	Bachelor's degree	None	None	1%	2%	25%	58%	15%

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 Nursing Instructors and Teachers, Postsecondary (25-1072)

Demonstrate and teach patient care in classroom and clinical units to nursing students. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.

Definition of Registered Nurses (29-1141)

Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required.

Occupation Details

As of 2022Q4, total employment for occupations linked to Registered Nursing/Registered Nurse in California was 338,624. Over the past three years, linked occupations added 10,581 jobs in the region and are expected to need in aggregate approximately 154,816 newly trained workers over the next seven years.

Snapshot of Occupations Linked to Registered Nursing/Registered Nurse in California[1]

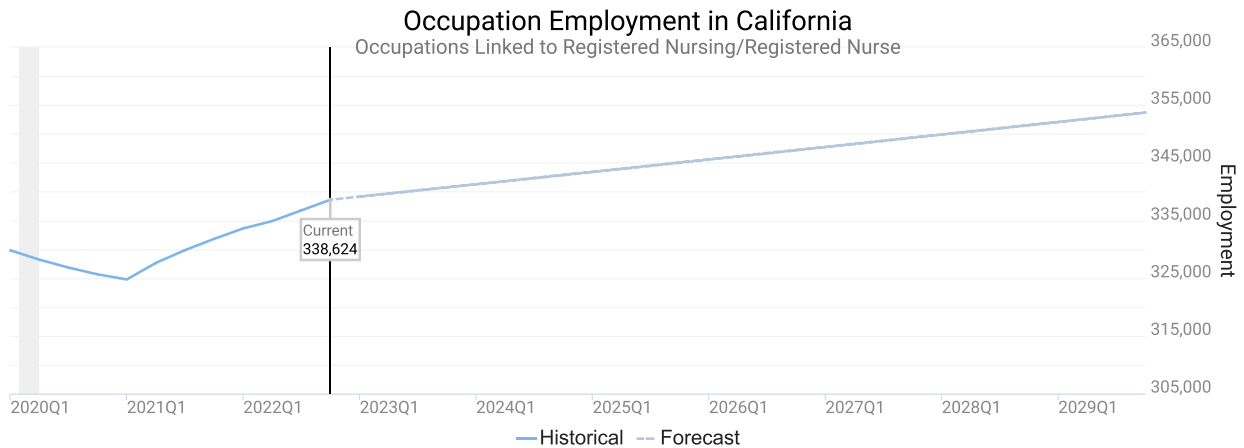| SOC	Occupation	Current						3-Year History	7-Year Forecast				
		Empl	Mean Ann Wages[2]	LQ	Unempl	Unempl Rate	Online Job Ads[3]	Ann %	Total Demand	Exits	Transfers	Empl Growth	Avg Ann Growth %
29-1141	Registered Nurses	334,346	$132,200	0.89	5,771	1.7%	27,094	1.1%	151,541	76,935	60,106	14,500	0.6%
25-1072	Nursing Instructors and Teachers, Postsecondary	4,278	$112,200	0.54	80	1.9%	425	-0.4%	3,275	1,462	1,234	579	1.8%
	Total - Linked Occupations	**338,624**	**$131,900**	**0.89**	**5,852**	**1.7%**	**27,519**	**1.1%**	**154,816**	**78,397**	**61,340**	**15,079**	**0.6%**
	Total - All Occupations	**19,219,968**	**$71,900**	**1.00**	**797,161**	**4.1%**	**547,112**	**0.6%**	**17,029,863**	**6,722,656**	**9,379,252**	**927,955**	**0.7%**

Source: JobsEQ®
Data as of 2022Q4 unless noted otherwise
Note: Figures may not sum due to rounding.
1. Data based on a four-quarter moving average unless noted otherwise.
2. Wage data represent the average for all Covered Employment
3. Data represent found online ads active within the last thirty days in the selected region. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list). Ad counts for ZCTA-based regions are estimates.

Occupation Employment in California
Occupations Linked to Registered Nursing/Registered Nurse

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 Registered Nursing/Registered Nurse. The single industry most employing these occupations in the region is General Medical and Surgical Hospitals, NAICS 6221. This industry employs 175,961 workers in the linked occupations—employment which is expected to increase by 5,193 jobs over the next ten years; furthermore, 101,557 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 Registered Nursing/Registered Nurse in California

NAICS Code	Industry Title	Current			10-Year Demand		
		% of Occ Empl	Empl	Exits	Transfers	Empl Growth	Total Demand
6221	General Medical and Surgical Hospitals	52.0%	175,961	57,011	44,546	5,193	106,750
6214	Outpatient Care Centers	12.3%	41,699	14,288	11,162	6,408	31,858
6211	Offices of Physicians	5.7%	19,423	6,400	5,000	1,287	12,687
6216	Home Health Care Services	4.6%	15,623	5,358	4,186	2,437	11,982
6231	Nursing Care Facilities (Skilled Nursing Facilities)	4.1%	13,914	4,349	3,398	-594	7,153
5613	Employment Services	3.3%	11,134	3,669	2,867	744	7,279
6241	Individual and Family Services	2.1%	7,195	2,584	2,019	1,923	6,527
6111	Elementary and Secondary Schools	2.0%	6,770	2,188	1,709	169	4,066
6113	Colleges, Universities, and Professional Schools	1.5%	4,978	2,063	1,689	801	4,553
6223	Specialty (except Psychiatric and Substance Abuse) Hospitals	1.3%	4,525	1,537	1,200	602	3,339
6233	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	1.1%	3,825	1,301	1,016	523	2,840
6222	Psychiatric and Substance Abuse Hospitals	1.1%	3,680	1,213	948	242	2,403
9221	Justice, Public Order, and Safety Activities	0.9%	2,938	935	731	-20	1,646
5241	Insurance Carriers	0.7%	2,480	825	644	216	1,685
9211	Executive, Legislative, and Other General Government Support	0.7%	2,264	728	569	31	1,328
9281	National Security and International Affairs	0.6%	1,970	615	480	-90	1,005
6232	Residential Intellectual and Developmental Disability, Mental Health, and Substance Abuse Facilities	0.6%	1,912	638	499	181	1,317
9231	Administration of Human Resource Programs	0.5%	1,792	574	448	11	1,033
5511	Management of Companies and Enterprises	0.5%	1,702	550	430	46	1,027
	All Others	4.4%	14,842	5,202	4,112	1,645	10,959

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.
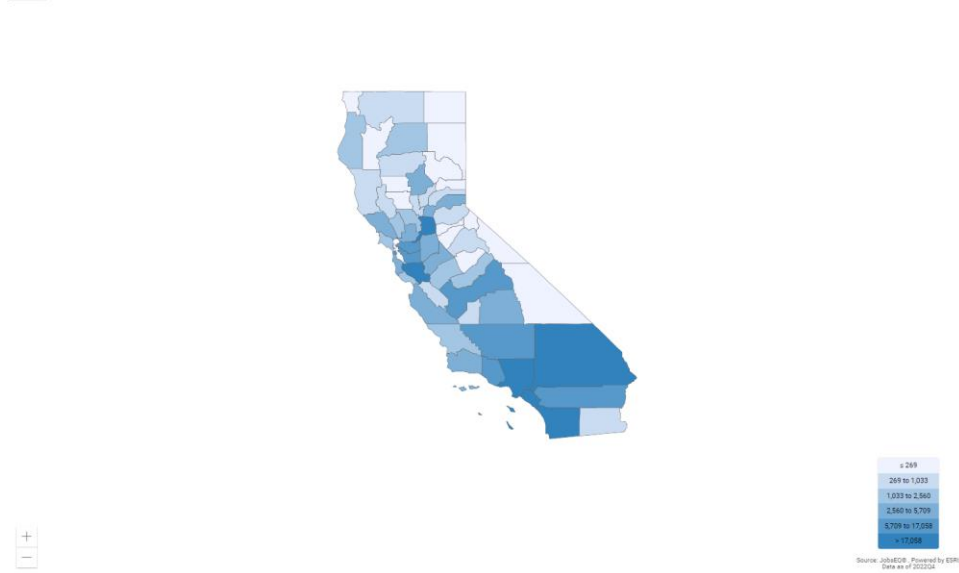
Note: Figures may not sum due to rounding.

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 Registered Nursing/Registered Nurse. Employment is shown by place of work.

California, Occupation Concentration by Place of Work for Occupations Linked to Registered Nursing/Registered Nurse

Top Counties with Employment Linked to Registered Nursing/Registered Nurse, 2022Q4

Region	Employment
Los Angeles County, California	91,829
San Diego County, California	27,692
Orange County, California	25,553
Santa Clara County, California	21,674
San Bernardino County, California	18,380
Sacramento County, California	17,058
Alameda County, California	14,546
San Francisco County, California	14,285
Riverside County, California	13,487
Fresno County, California	9,387

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[1]

	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®
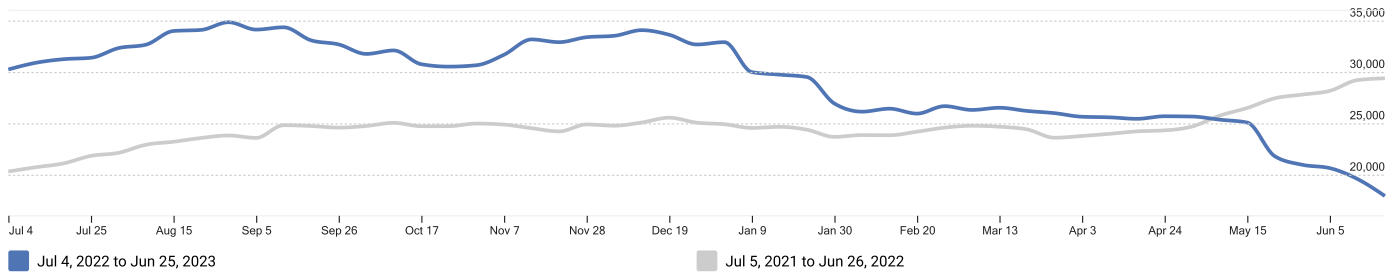1. American Community Survey 2016-2020, unless noted otherwise
2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.
3. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school 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

■ Jul 4, 2022 to Jun 25, 2023	▢ Jul 5, 2021 to Jun 26, 2022

Occupations

SOC	Occupation	Active Job Ads	
29-1141.00	Registered Nurses	135,855	
29-1141.03	Critical Care Nurses	8,329	
25-1072.00	Nursing Instructors and Teachers, Postsecondary	1,173	
29-1141.01	Acute Care Nurses	1,105	
29-1141.04	Clinical Nurse Specialists	349	
29-1141.02	Advanced Practice Psychiatric Nurses	199	

Locations

Location	Active Job Ads	
San Diego, California	4,725	
Los Angeles, California	4,627	
San Francisco, California	1,561	
Sacramento, California	1,417	
Orange, California	1,237	
University of Southern California (USC)	1,163	
Torrance, California	1,061	
Bakersfield, California	1,032	
San Jose, California	1,008	
Oakland, California	1,004	

Employers

Employer Name	Active Job Ads	
Fusion Medical Staffing	13,907	
Kaiser Permanente	5,941	
Cynet Health	4,700	
Providence St. Joseph Health	4,010	
Aya Healthcare	2,952	
KPG Nursing	2,606	
All Medical Personnel	2,561	
24-HRMED	2,227	
AHMC Healthcare	2,002	
Sharp HealthCare	1,790	

Certifications

Certificate Name	Active Job Ads	
Registered Nurse (RN)	60,004	
Basic Life Support (BLS)	42,313	
Advanced Cardiac Life Support Certification (ACLS)	26,296	
Pediatric Advanced Life Support (PALS)	10,610	
Certification in Cardiopulmonary Resuscitation (CPR)	8,360	
Neonatal Resuscitation Program (NRP)	6,049	
Driver's License	2,454	
Trauma Nursing Core Course (TNCC)	1,590	
Licensed Practical Nurse (LPN)	1,441	
Critical Care Registered Nurse (CCRN)	1,240	

Hard Skills

Skill Name	Active Job Ads	
Nursing	15,817	
Ability to Lift 51-100 lbs.	14,401	
Intensive Care Unit (ICU)	9,155	
Critical Care	9,050	
Patient Care	6,697	
Home Health Care	5,533	
English	5,401	
Pediatrics	4,888	
Epic Systems	4,379	
Wound Care	3,226	

Soft Skills

Skill Name	Active Job Ads	
Communication (Verbal and written skills)	50,092	
Cooperative/Team Player	42,829	
Interpersonal Relationships/Maintain Relationships	22,782	
Critical Thinking	21,292	
Optimism/Positive Attitude	14,905	
Problem Solving	11,072	
Customer Service	10,595	
Adaptability/Flexibility/Tolerance of Change and Uncertainty	8,654	
Good Judgment	8,053	
Listening	7,820	

Job Titles

Job Title	Active Job Ads	
Registered Nurse	10,251	
Registered Nurse (RN)	3,352	
ER RN	1,976	
Telemetry RN	1,803	
ICU RN	1,730	
Med Surg RN	1,260	
L/D RN	1,072	
OR RN	1,034	
NICU RN	686	
Case Manager RN	544	

Job Types

Type	Active Job Ads	
Full-Time	45,008	
Temporary (unspecified)	15,663	
Part-Time	13,558	
Temporary (short-term)	9,785	
Permanent	7,407	
Remote	1,210	
Temp-to-Hire	219	
Temporary (long-term)	100	
Remote Not Indicated	145,800	

Programs

Program Name	Active Job Ads	
Nursing	35,595	
Healthcare	491	
Health	386	
Social Work	255	
Education	226	
Clinical	177	
Public Health	175	
Health Education	172	
Health Science	144	
Agriculture	140	

Education Levels

Minimum Education Level	Active Job Ads	
Bachelor's degree	26,908	
Associate's degree	9,468	
Master's degree	1,226	
Doctoral or professional degree	141	
Unspecified/other	109,267	

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 07/05/2023 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.