



Education Report

Physical Therapy/Therapist

California



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Definition of Physical Therapy/Therapist, CIP 51.2308

A program that prepares individuals to evaluate, examine, diagnose, and alleviate physical functional impairments and limitations caused by injury or disease through the design and implementation of therapeutic interventions to promote fitness and health. Includes instruction in anatomy, behavioral sciences, biology, biomechanics, biophysical agents, care plan development and documentation, cellular histology, clinical evaluation and measurement, clinical reasoning, communication, exercise physiology, kinesiology, neuroscience, pharmacology, pathology, physiology, professional standards and ethics, rehabilitation psychology, and therapeutic exercise.

Awards

The table below is a list of postsecondary awards in CIP 51.2308 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
University of St. Augustine for Health Sciences			835	
University of Southern California			142	\$26,021
Loma Linda University			137	
Chapman University			82	\$40,451
San Francisco State University			71	\$13,641
University of California-San Francisco			71	
Western University of Health Sciences			54	
Azusa Pacific University			52	\$27,112
Samuel Merritt University			48	
West Coast University-Center for Graduate Studies			40	
San Diego State University			39	\$6,867
University of the Pacific			37	\$21,311
California State University-Long Beach			33	\$9,171
California State University-Fresno			31	\$6,336
California State University-Sacramento			31	\$7,778
California State University-Northridge			29	\$8,708
Mount Saint Mary's University			27	\$24,508
Fresno Pacific University				\$15,350
Total	0	0	1,759	

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, Physical Therapy/Therapist, CIP 51.2308.

		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
25-1071	Health Specialties Teachers, Postsecondary	Doctoral or professional degree	Less than 5 years	None	1%	1%	1%	14%	83%
29-1123	Physical Therapists	Doctoral or professional degree	None	None	1%	1%	2%	27%	69%

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 Health Specialties Teachers, Postsecondary (25-1071)

Teach courses in health specialties, in fields such as dentistry, laboratory technology, medicine, pharmacy, public health, therapy, and veterinary medicine.

Definition of Physical Therapists (29-1123)

Assess, plan, organize, and participate in rehabilitative programs that improve mobility, relieve pain, increase strength, and improve or correct disabling conditions resulting from disease or injury.

Occupation Details

As of 2022Q4, total employment for occupations linked to Physical Therapy/Therapist in California was 35,020. Over the past three years, linked occupations added 1,427 jobs in the region and are expected to need in aggregate approximately 18,038 newly trained workers over the next seven years.

Snapshot of Occupations Linked to Physical Therapy/Therapist 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 %
29-1123	Physical Therapists	26,584	\$109,900	0.88	289	1.1%	3,184	1.8%	11,379	4,765	3,772	2,842	1.5%
25-1071	Health Specialties Teachers, Postsecondary	8,436	\$144,300	0.37	156	1.9%	2,167	0.3%	6,659	2,911	2,459	1,289	2.1%
Total - Linked Occupations		35,020	\$118,200	0.66	445	1.3%	5,351	1.4%	18,038	7,677	6,231	4,131	1.6%
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®](#)

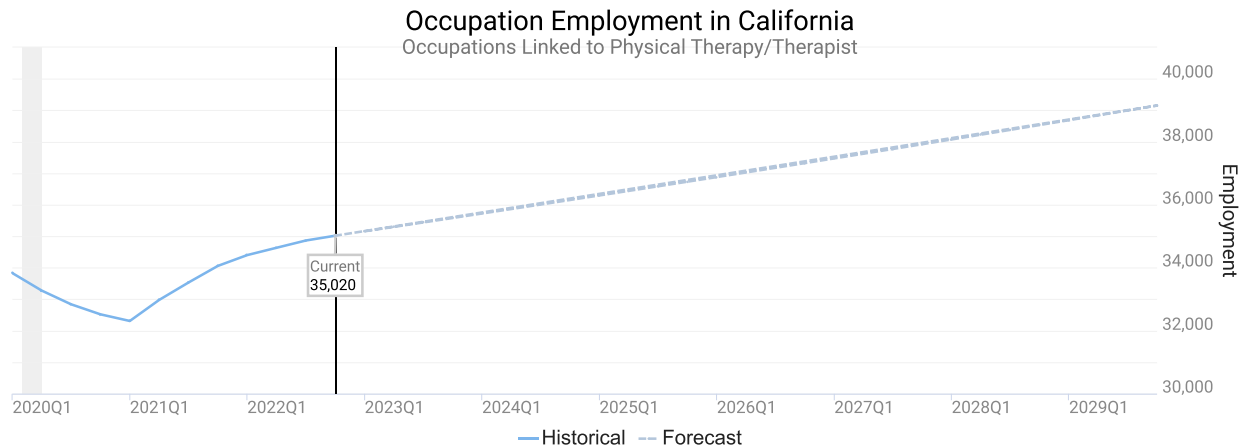
Data as of 2022Q4 unless noted otherwise

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 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 Physical Therapy/Therapist. The single industry most employing these occupations in the region is Offices of Other Health Practitioners, NAICS 6213. This industry employs 10,935 workers in the linked occupations—employment which is expected to increase by 2,746 jobs over the next ten years; furthermore, 5,225 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 Physical Therapy/Therapist in California

NAICS Code	Industry Title	Current			10-Year Demand		
		% of Occ Empl	Empl	Exits	Transfers	Empl Growth	Total Demand
6213	Offices of Other Health Practitioners	31.2%	10,935	2,916	2,309	2,746	7,971
6113	Colleges, Universities, and Professional Schools	18.7%	6,553	3,240	2,735	1,596	7,570
6221	General Medical and Surgical Hospitals	16.9%	5,909	1,509	1,203	226	2,938
6216	Home Health Care Services	7.6%	2,666	700	554	572	1,827
6214	Outpatient Care Centers	4.7%	1,645	449	359	257	1,064
6211	Offices of Physicians	4.0%	1,386	349	277	97	724
6112	Junior Colleges	3.7%	1,279	606	512	165	1,284
6231	Nursing Care Facilities (Skilled Nursing Facilities)	3.1%	1,082	253	200	-46	407
6223	Specialty (except Psychiatric and Substance Abuse) Hospitals	2.4%	840	214	170	115	500
6111	Elementary and Secondary Schools	1.9%	656	159	126	17	302
5613	Employment Services	1.5%	509	126	100	42	268
6241	Individual and Family Services	1.4%	504	136	108	136	379
	All Others	3.0%	1,058	315	255	127	697

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.

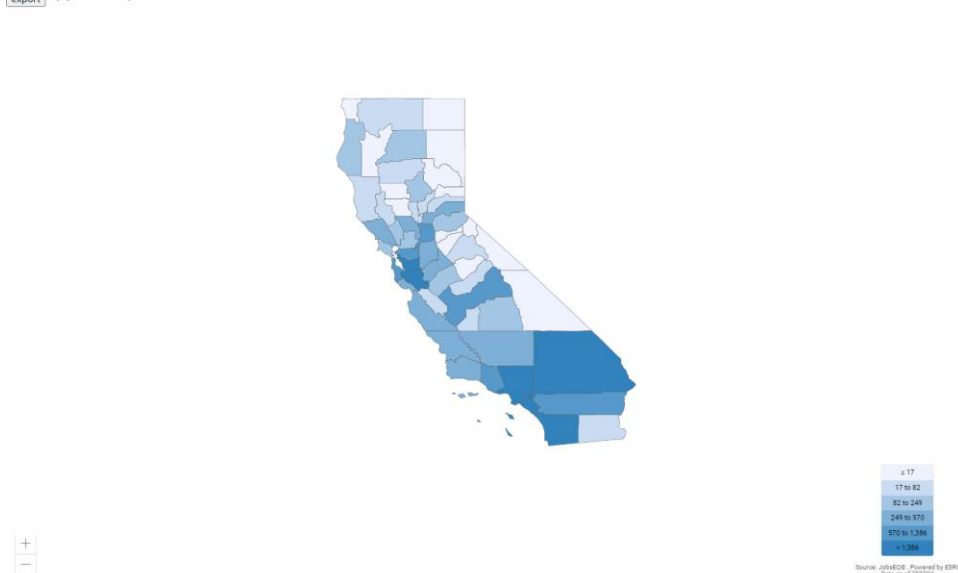
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Geographic Distribution

The map below illustrates the county-level distribution of employed workers in California in occupations linked to Physical Therapy/Therapist. Employment is shown by place of work.

California, Occupation Concentration by Place of Work for Occupations Linked to Physical Therapy/Therapist



Top Counties with Employment Linked to Physical Therapy/Therapist, 2022Q4

Region	Employment
Los Angeles County, California	9,955
San Diego County, California	3,841
Orange County, California	3,471
Santa Clara County, California	2,064
San Bernardino County, California	1,430
Alameda County, California	1,387
Riverside County, California	1,345
San Francisco County, California	1,278
Sacramento County, California	1,135
Contra Costa County, California	807

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

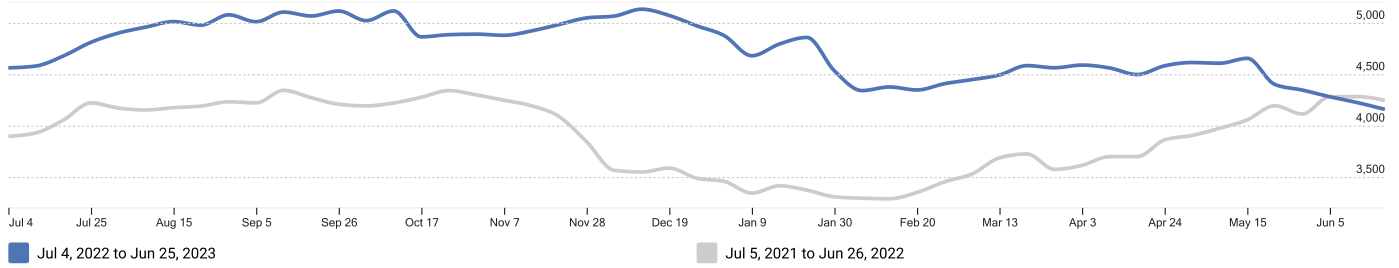
2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

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
29- 1123.00	Physical Therapists	11,286
25- 1071.00	Health Specialties Teachers, Postsecondary	6,202

Locations

Location	Active Job Ads
Los Angeles, California	800
University of Southern California (USC)	613
San Francisco, California	318
University of California Davis	302
University of California San Francisco	250
University of California Los Angeles	228
Sacramento, California	205
San Diego, California	205
Pomona, CA 91766	168
University of California Irvine (UCI)	125

Employers

Employer Name	Active Job Ads	
Fusion Medical Staffing	929	
Los Angeles, California	823	
University of Southern California	590	
Kaiser Permanente	558	
FeldCare Connects	447	
All Medical Personnel	375	
Cynet Health	339	
Cynet HealthStaff	332	
Select Physical Therapy	313	
Western Dental Services, Inc	299	

Certifications

Certificate Name	Active Job Ads	
Basic Life Support (BLS)	2,168	
Certification in Cardiopulmonary Resuscitation (CPR)	1,327	
Registered Nurse (RN)	370	
Registered Dental Assistant (RDA)	328	
Driver's License	312	
Advanced Cardiac Life Support Certification (ACLS)	103	
Certified Hand Therapist (CHT)	100	
Certified Dental Assistant (CDA)	90	
Certified in Internal Medicine	72	
Pediatric Advanced Life Support (PALS)	66	

Hard Skills

Skill Name	Active Job Ads	
Teaching/Training, School	2,784	
Physical Therapy	1,226	
Ability to Lift 51-100 lbs.	940	
Home Health Care	854	
Pediatrics	739	
Bilingual	564	
Microsoft Excel	382	
Microsoft Office	342	
Clinical Research	334	
Patient Care	326	

Soft Skills

Skill Name	Active Job Ads	
Communication (Verbal and written skills)	5,874	
Cooperative/Team Player	3,826	
Interpersonal Relationships/Maintain Relationships	2,085	
Critical Thinking	1,434	
Organization	1,411	
Adaptability/Flexibility/Tolerance of Change and Uncertainty	1,386	
Self-Motivated/Ability to Work Independently/Self Leadership	1,201	
Optimism/Positive Attitude	1,004	
Customer Service	875	
Supervision/Management	789	

Job Titles

Job Title	Active Job Ads	
Physical Therapist	1,801	
PT	904	
Physical Therapist (PT)	552	
Physical Therapist (PT) for Home Health	418	
CSI-MED - Physical Therapist	352	
Dental Assistant	296	
Physical Therapist (PT) - CH-MED-011	211	
Physical Therapist - Home Health	126	
Travel Physical Therapist	100	
Physical Therapist - PT - CA	93	

Job Types

Type	Active Job Ads	
Full-Time	6,403	
Part-Time	2,392	
Permanent	1,914	
Temporary (unspecified)	1,705	
Temporary (short-term)	779	
Remote	193	
Temporary (long-term)	44	
Temp-to-Hire	5	
Remote Not Indicated	17,295	

Programs

Program Name	Active Job Ads	
Physical Therapy	3,095	
Medicine	357	
Nursing	231	
Public Health	144	
Education	122	
Biology	114	
Science	71	
Social Work	71	
Occupational Therapy	68	
Pharmacy	66	

Education Levels

Minimum Education Level	Active Job Ads	
Bachelor's degree	2,706	
Doctoral or professional degree	1,575	
Master's degree	1,029	
Associate's degree	362	
Unspecified/other	11,816	

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.

About This Report

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