



Occupational Employment Projections: California Statewide 2010-2020

November 2013



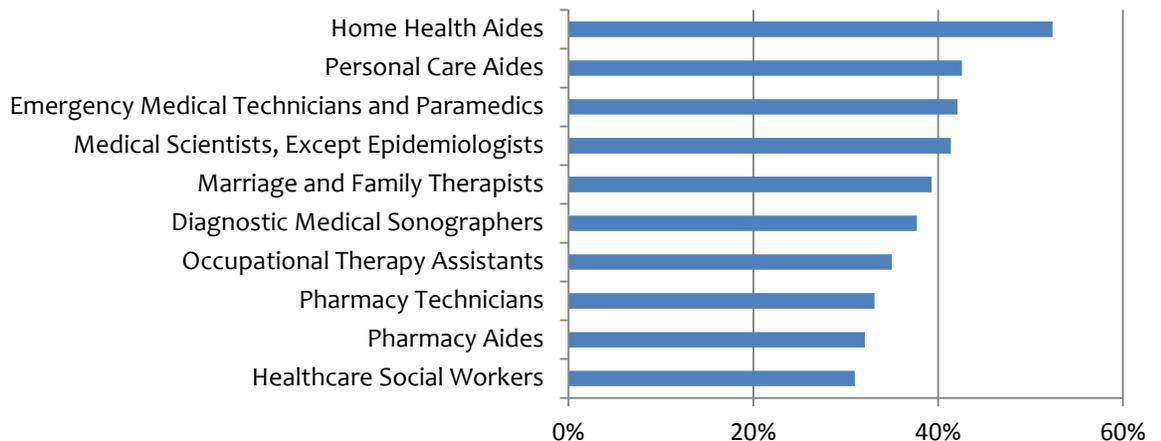
The following demand information is based on the State of California Employment Development's Labor Market Information Division Statewide 2010-2020 Occupational Employment Projections. Occupational Employment Projections estimate the changes in occupational employment over time resulting from industry growth, technological changes, and other factors. Industry growth exists when the demand for goods and services increases, resulting in an increased demand for workers to produce these goods and services. Technological changes can raise the demand for some skills while eliminating the demand for others. The projections are determined by the U.S. Department of Labor Bureau of Labor Statistics (DOL BLS) Occupational Employment Statistics (OES) survey. The OES survey is a semiannual mail survey measuring occupational employment and occupational wage rates for wage and salary workers in nonfarm establishments by industry. It produces estimates of occupational employment and occupational wages. The occupational titles are determined by the DOL BLS Standard Occupational Classification (SOC) system. The SOC is used by Federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating or disseminating workforce data. For Occupational Employment Projections Methodologies visit: www.labormarketinfo.edd.ca.gov/Content.asp?pageid=1043. For OES surveys information, visit: www.labormarketinfo.edd.ca.gov/Content.asp?pageid=154. For SOC information, visit www.bls.gov/SOC/.

Top Ten Fastest Growing Health Occupations

The following table and chart identify the fastest growing health occupations in California. This number is determined by calculating the jobs with the largest percent change in employment.

Health Occupation Title	Change in Employment (%)	Change in Employment (Number of Jobs)	Top Industries that Employ this Occupation
Home Health Aides	52.4%	32,000 Jobs	Community Care Facility for the Elderly
Personal and Home Care Aides	42.6%	138,200 Jobs	Private Households
Emergency Medical Technicians and Paramedics	42.1%	6,700 Jobs	Other Ambulatory Health Care Services
Medical Scientists, except Epidemiologists	41.4%	11,500 Jobs	Scientific Research and Development Services
Marriage and Family Therapists	39.3%	4,200 Jobs	Individual and Family Services
Diagnostic Medical Sonographers	37.7%	2,000 Jobs	Offices of Physicians
Occupational Therapy Assistants	35.0%	700 Jobs	Offices of Other Health Practitioners
Pharmacy Technicians	33.1%	9,600 Jobs	Health and Personal Care Stores
Pharmacy Aides	32.1%	2,600 Jobs	Health and Personal Care Stores
Healthcare Social Workers	31.0%	3,900 Jobs	General Medical and Surgical Hospitals

Top Ten Fastest-Growing Health Occupations



Source of Data: Employment Development Department-Labor Market Information Division Statewide 2010-2020 Occupational Employment Projections, June 2012.

Notes: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, Bureau of Labor Statistics. 2. There may be more current information on the EDD-LMID website: www.labormarketinfo.edd.ca.gov/

Fact Sheet



Occupational Employment Projections: California Statewide 2010-2020

November 2013

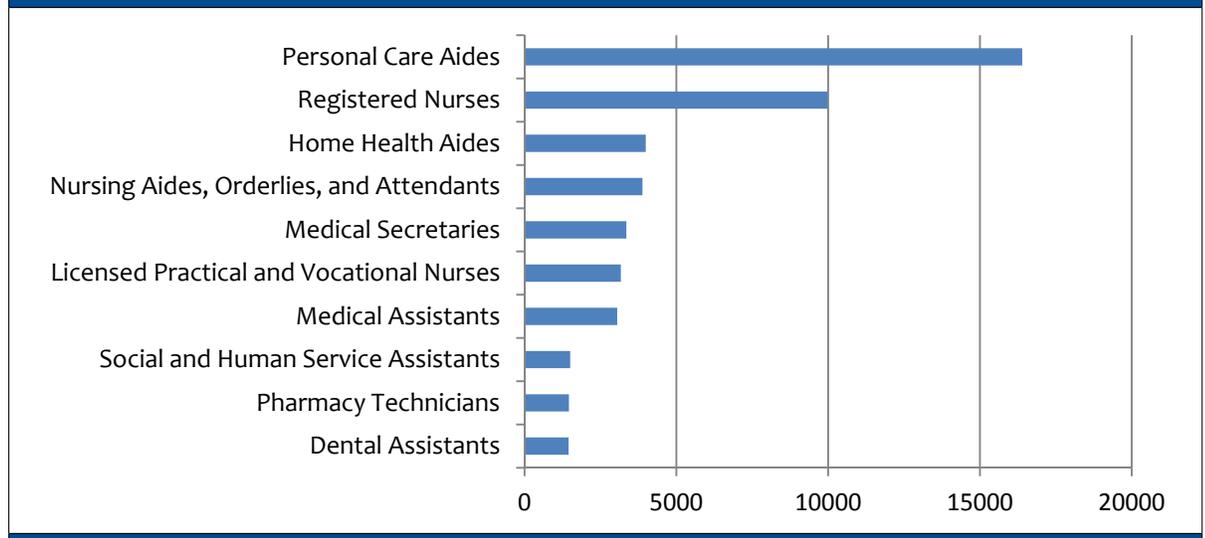
Fact Sheet

Top Ten Health Occupations with the Most Job Openings

The following table and chart identify the health occupations with the most job openings in California. This number is determined by adding expected openings from new jobs and replacement jobs for workers leaving an occupation.

Health Occupation Title	Total Annual Job Openings	Top Industries that Employ this Occupation
Personal Care Aides	16,390	Private Households
Registered Nurses	9,980	General Medical and Surgical Hospitals
Home Health Aides	3,990	Community Care Facility for the Elderly
Nursing Aides, Orderlies, and Attendants	3,880	Nursing Care Facilities
Medical Secretaries	3,350	Office of Physicians
Licensed Practical and Licensed Vocational Nurses	3,170	Nursing Care Facilities
Medical Assistants	3,050	Office of Physicians
Social and Human Service Assistants	1,500	Individual and Family Services
Pharmacy Technicians	1,460	Health and Personal Care Stores
Dental Assistants	1,450	Office of Dentists

Top Ten Occupations with the Most Job Openings



Health Industry Report

The Employment Development Department's Labor Market Information Division recently published a report analyzing the health industry based on the data collected by their office. For more information and to access this report, visit this link: http://www.labormarketinfo.edd.ca.gov/Health_Care_in_California.html.



Occupational Employment Projections: California Statewide 2010-2020

November 2013

The following table shows 88 health occupations with the “Average Annual Job Openings” in California based on OES survey responses from employers, expected industry growth, and replacement rates. The projections are estimates of jobs created, resulting from economic growth and jobs created when workers retire or permanently leave an occupation and need to be replaced. The 2012 first quarter wages are the most recent wage estimates available for the 2010-2020 projections. “N/A” in a field means that the data are not available.

California									
2010–2020 Occupational Employment Projections									
Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2012-1st Quarter Wages	
	2010	2020	Numerical	Percent	New Jobs	Replacement Needs	Total Jobs	Median Hourly	Median Annual
Anesthesiologists	5,800	6,800	1,000	17.2	110	110	220	N/A	N/A
Athletic Trainers	1,000	1,300	300	30.0	20	40	60	N/A	\$45,972
Audiologists	1,500	1,800	300	20.0	30	10	40	\$35.69	\$74,231
Biological Scientists, All Other	5,800	6,400	600	10.3	60	130	190	\$35.30	\$73,431
Biological Technicians	11,400	13,300	1,900	16.7	180	390	570	\$21.45	\$44,607
Cardiovascular Technologists and Technicians	3,600	4,500	900	25.0	90	60	150	\$27.71	\$57,631
Child, Family, and School Social Workers	25,900	30,100	4,200	16.2	420	610	1,030	\$22.98	\$47,799
Chiropractors	3,900	4,100	200	5.1	20	80	100	\$32.08	\$66,731
Clinical, Counseling, and School Psychologists	24,600	28,100	3,500	14.2	360	770	1,130	\$40.50	\$84,246
Counselors, All Other	3,600	4,100	500	13.9	60	80	140	\$21.14	\$43,975
Dental Assistants	43,700	49,000	5,300	12.1	530	920	1,450	\$17.08	\$35,516
Dental Hygienists	19,900	23,300	3,400	17.1	350	400	750	\$46.31	\$96,317
Dental Laboratory Technicians	4,500	4,600	100	2.2	10	140	150	\$17.95	\$37,332
Dentists, All Other Specialists	1,300	1,300	0	0.0	10	40	50	\$66.81	\$138,971
Dentists, General	17,000	17,700	700	4.1	70	510	580	\$64.52	\$134,204
Diagnostic Medical Sonographers	5,300	7,300	2,000	37.7	200	80	280	\$40.17	\$83,540
Dietetic Technicians	1,900	2,200	300	15.8	30	30	60	\$16.85	\$35,032
Dietitians and Nutritionists	7,000	8,400	1,400	20.0	140	250	390	\$32.99	\$68,621
Emergency Medical Technicians and Paramedics	15,900	22,600	6,700	42.1	670	320	990	\$15.19	\$31,578

Source of Data: Employment Development Department-Labor Market Information Division Statewide 2010-2020 Occupational Employment Projections, June 2012.

Notes: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, Bureau of Labor Statistics. 2. There may be more current information on the EDD-LMID website: www.labormarketinfo.edd.ca.gov/

Fact Sheet



Occupational Employment Projections: California Statewide 2010-2020

November 2013

Fact Sheet

California									
2010–2020 Occupational Employment Projections									
Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2012-1st Quarter Wages	
	2010	2020	Numerical	Percent	New Jobs	Replacement Needs	Total Jobs	Median Hourly	Median Annual
Environmental Scientists and Specialists, Including Health	13,000	16,000	3,000	23.1	290	390	680	\$36.04	\$74,978
Family and General Practitioners	12,300	15,000	2,700	22.0	270	240	510	\$80.51	\$167,470
Fitness Trainers and Aerobics Instructors	27,800	32,400	4,600	16.5	450	450	900	\$20.15	\$41,905
Health Diagnosing and Treating Practitioners, All Other	4,500	5,400	900	20.0	90	90	180	\$32.90	\$68,448
Health Educators	7,700	10,000	2,300	29.9	240	170	410	\$23.99	\$49,891
Health Specialties Teachers, Postsecondary	16,300	19,400	3,100	19.0	310	260	570	N/A	\$81,403
Health Technologists and Technicians, All Other	15,000	18,800	3,800	25.3	380	300	680	\$19.81	\$41,211
Healthcare Practitioners and Technical Workers, All Other	8,300	9,900	1,600	19.3	160	290	450	\$32.64	\$67,897
Healthcare Social Workers	12,600	16,500	3,900	31.0	390	300	690	\$29.22	\$60,777
Healthcare Support Workers, All Other	23,100	26,700	3,600	15.6	360	350	710	\$17.45	\$36,308
Home Health Aides	61,100	93,100	32,000	52.4	3,200	790	3,990	\$10.44	\$21,712
Internists, General	8,300	10,000	1,700	20.5	180	160	340	\$89.61	\$186,395
Licensed Practical and Licensed Vocational Nurses	64,500	79,000	14,500	22.5	1,450	1,720	3,170	\$24.88	\$51,760
Marriage and Family Therapists	10,700	14,900	4,200	39.3	420	230	650	\$22.27	\$46,311
Massage Therapists	24,100	27,500	3,400	14.1	340	390	730	\$16.55	\$34,422
Medical and Clinical Laboratory Technicians	16,900	19,400	2,500	14.8	250	330	580	\$19.61	\$40,799

Source of Data: Employment Development Department-Labor Market Information Division Statewide 2010-2020 Occupational Employment Projections, June 2012.

Notes: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, Bureau of Labor Statistics. 2. There may be more current information on the EDD-LMID website: www.labormarketinfo.edd.ca.gov/



Occupational Employment Projections: California Statewide 2010-2020

November 2013

Fact Sheet

California									
2010–2020 Occupational Employment Projections									
Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2012-1st Quarter Wages	
	2010	2020	Numerical	Percent	New Jobs	Replacement Needs	Total Jobs	Median Hourly	Median Annual
Medical and Clinical Laboratory Technologists	11,800	13,200	1,400	11.9	140	230	370	\$38.97	\$81,068
Medical Appliance Technicians	1,200	1,300	100	8.3	10	40	50	\$17.41	\$36,224
Medical Assistants	80,900	99,000	18,100	22.4	1,810	1,240	3,050	\$15.19	\$31,586
Medical Equipment Preparers	7,100	8,000	900	12.7	90	110	200	\$15.60	\$32,449
Medical Records and Health Information Technicians	17,400	20,700	3,300	19.0	330	350	680	\$18.23	\$37,923
Medical Scientists, Except Epidemiologists	27,800	39,300	11,500	41.4	1,150	170	1,320	\$40.12	\$83,430
Medical Secretaries	78,300	101,400	23,100	29.5	2,300	1,050	3,350	\$16.58	\$34,480
Medical Transcriptionists	6,000	6,100	100	1.7	10	90	100	\$20.70	\$43,045
Mental Health and Substance Abuse Social Workers	10,600	12,500	1,900	17.9	190	250	440	\$21.48	\$44,668
Mental Health Counselors	9,200	11,100	1,900	20.7	190	200	390	\$19.95	\$41,498
Microbiologists	3,600	4,400	800	22.2	80	80	160	\$37.18	\$77,332
Nuclear Medicine Technologists	1,600	1,800	200	12.5	20	30	50	\$44.89	\$93,357
Nursing Aides, Orderlies, and Attendants	109,500	134,100	24,600	22.5	2,470	1,410	3,880	\$13.41	\$27,898
Nursing Instructors and Teachers, Postsecondary	3,500	4,100	600	17.1	60	60	120	N/A	\$84,741
Obstetricians and Gynecologists	3,200	3,900	700	21.9	70	60	130	N/A	N/A
Occupational Health and Safety Specialists	6,300	7,200	900	14.3	90	220	310	\$38.89	\$80,890
Occupational Therapists	9,000	11,200	2,200	24.4	210	170	380	\$41.81	\$86,960
Occupational Therapy Assistants	2,000	2,700	700	35.0	70	30	100	\$30.51	\$63,459

Source of Data: Employment Development Department-Labor Market Information Division Statewide 2010-2020 Occupational Employment Projections, June 2012.

Notes: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, Bureau of Labor Statistics. 2. There may be more current information on the EDD-LMID website: www.labormarketinfo.edd.ca.gov/



Occupational Employment Projections: California Statewide 2010-2020

November 2013

Fact Sheet

California									
2010–2020 Occupational Employment Projections									
Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2012-1st Quarter Wages	
	2010	2020	Numerical	Percent	New Jobs	Replacement Needs	Total Jobs	Median Hourly	Median Annual
Ophthalmic Laboratory Technicians	2,300	2,400	100	4.3	10	70	80	\$14.85	\$30,905
Opticians, Dispensing	6,200	7,300	1,100	17.7	120	120	240	\$18.08	\$37,615
Optometrists	4,100	4,800	700	17.1	70	150	220	\$44.19	\$91,913
Orthodontists	1,100	1,200	100	9.1	0	30	30	N/A	N/A
Pediatricians, General	6,100	7,300	1,200	19.7	130	120	250	\$78.02	\$162,286
Personal and Home Care Aides	324,700	462,900	138,200	42.6	13,820	2,570	16,390	\$10.34	\$21,510
Personal Care and Service Workers, All Other	4,800	5,600	800	16.7	90	100	190	\$12.37	\$25,720
Pharmacists	23,600	29,900	6,300	26.7	630	600	1,230	\$62.77	\$130,563
Pharmacy Aides	8,100	10,700	2,600	32.1	260	120	380	\$11.61	\$24,158
Pharmacy Technicians	29,000	38,600	9,600	33.1	960	500	1,460	\$18.41	\$38,285
Physical Therapist Aides	6,400	8,300	1,900	29.7	200	100	300	\$12.58	\$26,165
Physical Therapist Assistants	4,600	6,000	1,400	30.4	140	70	210	\$28.19	\$58,643
Physical Therapists	16,500	20,400	3,900	23.6	390	190	580	\$41.92	\$87,194
Physician Assistants	8,300	10,400	2,100	25.3	220	160	380	\$45.77	\$95,207
Physicians and Surgeons, All Other	29,900	34,600	4,700	15.7	470	590	1,060	>\$90.00	>\$187,200
Podiatrists	1,100	1,100	0	0.0	10	20	30	\$54.10	\$112,513
Psychiatric Aides	2,600	3,100	500	19.2	40	30	70	\$12.71	\$26,444
Psychiatric Technicians	8,900	10,800	1,900	21.3	190	150	340	\$25.78	\$53,623
Psychiatrists	4,800	5,500	700	14.6	70	100	170	N/A	N/A
Psychologists, All Other	1,700	1,900	200	11.8	20	50	70	\$48.75	\$101,402
Psychology Teachers, Postsecondary	4,900	5,700	800	16.3	80	80	160	N/A	\$85,856
Radiation Therapists	1,600	1,800	200	12.5	20	30	50	\$46.06	\$95,808
Radiologic Technologists and Technicians	17,200	21,300	4,100	23.8	410	270	680	\$33.37	\$69,409

Source of Data: Employment Development Department-Labor Market Information Division Statewide 2010-2020 Occupational Employment Projections, June 2012.

Notes: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, Bureau of Labor Statistics. 2. There may be more current information on the EDD-LMID website: www.labormarketinfo.edd.ca.gov/



Occupational Employment Projections: California Statewide 2010-2020

November 2013

Fact Sheet

California									
2010–2020 Occupational Employment Projections									
Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2012-1st Quarter Wages	
	2010	2020	Numerical	Percent	New Jobs	Replacement Needs	Total Jobs	Median Hourly	Median Annual
Recreational Therapists	1,000	1,100	100	10.0	20	30	50	\$29.27	\$60,879
Registered Nurses	251,800	306,100	54,300	21.6	5,420	4,560	9,980	\$43.06	\$89,577
Rehabilitation Counselors	10,400	12,400	2,000	19.2	200	220	420	\$14.83	\$30,853
Respiratory Therapists	14,200	17,900	3,700	26.1	360	270	630	\$33.80	\$70,318
Social and Human Service Assistants	34,600	42,200	7,600	22.0	750	750	1,500	\$16.55	\$34,429
Social Scientists and Related Workers, All Other	4,000	4,900	900	22.5	90	170	260	\$37.72	\$78,465
Social Workers, All Other	13,000	14,700	1,700	13.1	180	310	490	\$30.76	\$63,971
Speech-Language Pathologists	11,500	13,100	1,600	13.9	160	220	380	\$40.79	\$84,861
Substance Abuse and Behavioral Disorder Counselors	9,300	11,100	1,800	19.4	180	200	380	\$16.28	\$33,857
Surgeons	5,700	6,800	1,100	19.3	110	110	220	N/A	N/A
Surgical Technologists	8,900	10,200	1,300	14.6	140	150	290	\$24.38	\$50,710
Therapists, All Other	4,000	4,900	900	22.5	90	90	180	\$20.41	\$42,454