

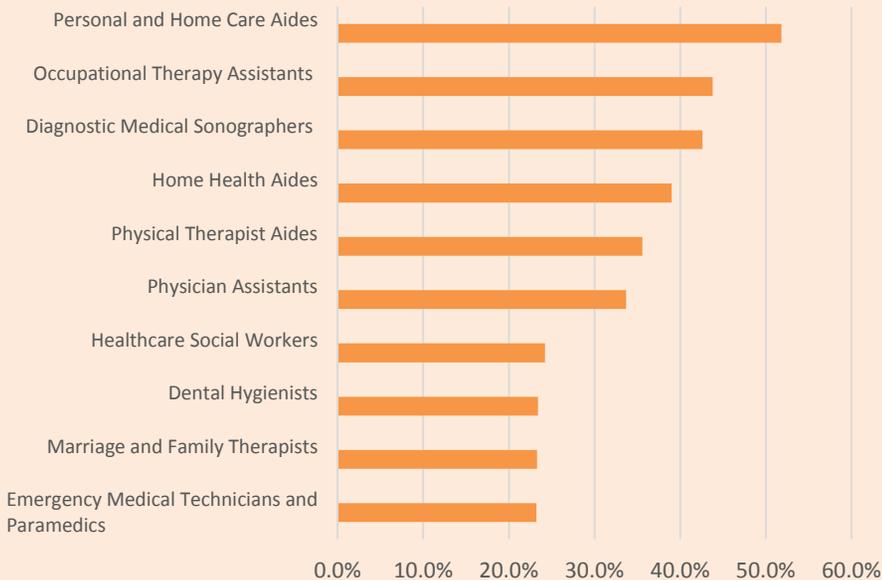
# Occupational Employment Projections 2012-2022<sup>1</sup>

2014

The following information is based on the State of California Employment Development's Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections.

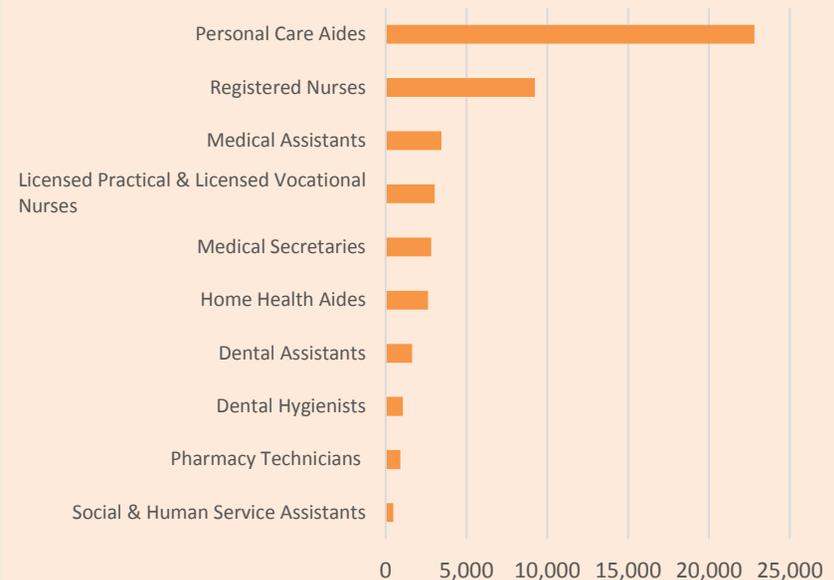
## Top Ten Fastest Growing Health Occupations

Health Occupation Title	Percent Change	Employment 2012	Employment 2022	Top Industries Employing this Occupation
Personal and Home Care Aides	51.8%	386,900	587,200	Private Households
Occupational Therapy Assistants	43.8%	1,600	2,300	Offices of Other Health Practitioners
Diagnostic Medical Sonographers	42.6%	4,700	6,700	Office of Physicians
Home Health Aides	39%	44,900	62,400	Community Care Facility for the Elderly
Physical Therapist Aides	35.6%	4,500	6,100	Offices of Other Health Practitioners
Physician Assistants	33.7%	8,300	11,100	Offices of Physicians
Healthcare Social Workers	24.2%	13,200	16,400	General Medical & Surgical Hospitals
Dental Hygienists	23.4%	21,800	26,900	Offices of Dentists
Marriage and Family Therapists	23.3%	6,000	7,400	Individual and Family Services
Emergency Medical Technicians and Paramedics	23.2%	16,800	20,700	Other Ambulatory Health Care Services



## Top Ten Health Occupations with the Most Job Openings

Health Occupation Title	Total Annual Job Openings	Top Industries Employing this Occupation
Personal Care Aides	22,800	Private Households
Registered Nurses	9,230	General Medical & Surgical Hospitals
Medical Assistants	3,450	Office of Physicians
Licensed Practical & Licensed Vocational Nurses	3,040	Nursing Care Facilities
Medical Secretaries	2,810	Office of Physicians
Home Health Aides	2,610	Community Care Facility for the Elderly
Dental Assistants	1,640	Office of Dentists
Dental Hygienists	1,060	Office of Dentists
Pharmacy Technicians	900	Health & Personal Care Stores
Social & Human Service Assistants	483	Individual and Family Services



<sup>1</sup>Source of Data: Employment Development Department, Labor Market Information Division Public Master File, June 2014.



Fact sheet

# California Occupational Employment Projections: Life, Physical and Social Science Occupations<sup>1</sup>

## 2012-2022

The following table shows health occupations with the “Average Annual Job Opening” in California based on the Occupational Employment Statistics (OES) data survey responses from employers, and expected industry growth. 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 2014 first quarter wages are the most recent wage estimates available for the 2012-2022 projections. “N/A” in a field means that the data are not available.

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Biological Scientists, All Other	9,000	10,100	120	260	380	\$37.42	\$77,831
Biological Technicians	11,100	13,000	180	330	520	\$21.71	\$45,163
Clinical, Counseling, and School Psychologists	24,900	27,300	230	680	910	\$39.57	\$82,313
Environmental Scientists and Specialists, Including Health	14,900	19,300	440	440	880	\$38.81	\$80,715
Medical Scientists, Except Epidemiologists	28,000	33,000	510	590	1,100	\$45.49	\$94,616
Microbiologists	4,500	5,400	80	130	210	\$42.43	\$88,262
Psychologists, All Other	1,300	1,400	10	40	50	\$48.65	\$101,202
Social Scientists and Related Workers	45,400	53,700	820	1,280	2,100	N/A	N/A

<sup>1</sup>Source of Data: Employment Development Department-Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections, September, 2014.

Note: Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, bureau of Labor Statistics.

There may be more current information on the EDD-LMID website: [http://www.labormarketinfo.edd.ca.gov/LMID/Projections\\_of\\_Employment\\_by\\_Industry\\_and\\_Occupation.html](http://www.labormarketinfo.edd.ca.gov/LMID/Projections_of_Employment_by_Industry_and_Occupation.html).



# California Occupational Employment Projections: Community and Social Service Occupations<sup>1</sup>

## 2012-2022

The following table shows health occupations with the “Average Annual Job Opening” in California based on the Occupational Employment Statistics (OES) data survey responses from employers, and expected industry growth. 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 2014 first quarter wages are the most recent wage estimates available for the 2012-2022 projections. “N/A” in a field means that the data are not available.

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Child, Family, and School Social Workers	28,600	32,300	370	610	980	\$22.78	\$47,389
Counselors, All Other	4,500	5,200	70	100	170	\$21.09	\$43,868
Health Educators	7,100	8,400	140	180	320	\$24.84	\$51,658
Healthcare Social Workers	13,200	16,400	320	280	600	\$31.46	\$65,448
Marriage and Family Therapists	6,000	7,400	140	130	270	\$24.66	\$51,294
Mental Health Counselors	10,600	12,000	140	230	370	\$19.88	\$41,339
Mental Health and Substance Abuse Social Workers	11,200	12,500	140	240	370	\$22.45	\$46,701
Rehabilitation Counselors	13,900	16,400	250	300	550	\$14.35	\$29,835
Substance Abuse and Behavioral Disorder Counselors	9,600	11,400	180	210	380	\$17.34	\$36,068
Social Workers, All Other	14,000	15,100	110	300	400	\$30.62	\$63,698
Social and Human Service Assistants	39,900	46,800	690	1,040	1,730	\$16.02	\$33,316

<sup>1</sup>Source of Data: Employment Development Department-Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections, September, 2014.

Note: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, bureau of Labor Statistics.

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Fact sheet

# California Occupational Employment Projections:

## Education, Training, Library and Production Occupations<sup>1</sup>

2012-2022

The following table shows health occupations with the “Average Annual Job Opening” in California based on the Occupational Employment Statistics (OES) data survey responses from employers, and expected industry growth. 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 2014 first quarter wages are the most recent wage estimates available for the 2012-2022 projections. “N/A” in a field means that the data are not available.

### Education, Training and Library Occupations

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Health Specialties Teachers, Postsecondary	11,900	16,300	450	180	620	[6]*	\$80,573
Nursing Instructors and Teachers, Postsecondary	3,900	5,300	140	60	200	[6]*	\$86,137
Psychology Teachers, Postsecondary	5,400	6,300	80	80	160	[6]*	\$73,228

### Production Occupations

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Medical Appliance Technicians	1,200	1,300	20	40	60	\$18.76	\$39,022
Ophthalmic Laboratory Technicians	2,200	2,400	20	80	100	\$15.65	\$32,567

<sup>1</sup>Source of Data: Employment Development Department-Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections, September, 2014.

Note: Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, bureau of Labor Statistics.

There may be more current information on the EDD-LMID website: [http://www.labormarketinfo.edd.ca.gov/LMID/Projections\\_of\\_Employment\\_by\\_Industry\\_and\\_Occupation.html](http://www.labormarketinfo.edd.ca.gov/LMID/Projections_of_Employment_by_Industry_and_Occupation.html).



# California Occupational Employment Projections: Healthcare Practitioners and Technical Occupations<sup>1</sup> 2012-2022

The following table shows health occupations with the “Average Annual Job Opening” in California based on the Occupational Employment Statistics (OES) data survey responses from employers, and expected industry growth. 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 2014 first quarter wages are the most recent wage estimates available for the 2012-2022 projections. “N/A” in a field means that the data are not available.

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Anesthesiologists	3,400	4,000	60	90	140	N/A	N/A
Athletic Trainers	1,200	1,400	20	30	50	N/A	\$49,959
Audiologists	1,000	1,300	30	20	50	\$40.70	\$84,650
Cardiovascular Technologists and Technicians	3,400	4,300	90	50	140	\$30.26	\$62,949
Chiropractors	3,200	3,300	10	60	80	\$32.25	\$67,077
Dental Hygienists	21,800	26,900	510	560	1,060	\$48.23	\$100,312
Dentists, General	14,400	15,600	110	350	470	\$65.60	\$136,450
Diagnostic Medical Sonographers	4,700	6,700	200	70	260	\$41.83	\$87,018
Dietetic Technicians	3,400	4,200	80	30	120	\$14.33	\$29,805
Dietitians and Nutritionists	7,800	9,300	150	90	240	\$34.74	\$72,257
Emergency Medical Technicians and Paramedics	16,800	20,700	390	460	850	\$14.40	\$29,947
Family and General Practitioners	17,400	19,500	210	440	640	\$90.00	>187,200

<sup>1</sup>Source of Data: Employment Development Department-Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections, September, 2014.

Note: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, bureau of Labor Statistics.

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# California Occupational Employment Projections: Healthcare Practitioners and Technical Occupations<sup>1</sup> 2012-2022

The following table shows health occupations with the “Average Annual Job Opening” in California based on the Occupational Employment Statistics (OES) data survey responses from employers, and expected industry growth. 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 2014 first quarter wages are the most recent wage estimates available for the 2012-2022 projections. “N/A” in a field means that the data are not available.

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Health Diagnosing and Treating Practitioners, All Other	7,300	8,300	110	150	260	\$33.35	\$69,363
Health Technologists and Technicians, All Other	15,000	18,900	390	150	540	\$20.85	\$43,382
Healthcare Practitioners and Technical Workers, All Other	6,100	7,000	90	170	260	\$26.75	\$55,634
Internists, General	6,400	6,900	50	160	210	N/A	N/A
Licensed Practical and Licensed Vocational Nurses	60,700	76,300	1,560	1,480	3,040	\$25.11	\$52,225
Medical and Clinical Laboratory Technicians	16,000	20,500	450	420	870	\$20.48	\$42,593
Medical Records and Health Information Technicians	16,500	19,900	340	440	780	\$19.61	\$40,782
Nuclear Medicine Technologists	1,500	1,700	30	20	50	\$45.89	\$95,445

<sup>1</sup>Source of Data: Employment Development Department-Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections, September, 2014.

Note: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, bureau of Labor Statistics.

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# California Occupational Employment Projections: Healthcare Practitioners and Technical Occupations<sup>1</sup> 2012-2022

The following table shows health occupations with the “Average Annual Job Opening” in California based on the Occupational Employment Statistics (OES) data survey responses from employers, and expected industry growth. 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 2014 first quarter wages are the most recent wage estimates available for the 2012-2022 projections. “N/A” in a field means that the data are not available.

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Obstetricians and Gynecologists	2,700	2,900	20	70	90	N/A	N/A
Occupational Health and Safety Specialists	7,200	8,900	170	200	360	\$37.20	\$77,386
Occupational Therapists	9,300	11,400	210	130	340	\$43.54	\$90,569
Ophthalmic Laboratory Technicians	2,200	2,400	20	80	100	\$15.65	\$32,567
Optometrists	4,700	5,400	70	140	210	\$49.01	\$101,940
Opticians, Dispensing	7,500	8,800	130	210	350	\$18.04	\$37,514
Pharmacists	26,900	31,000	410	640	1,050	\$65.42	\$136,066
Pediatricians, General	5,400	5,900	50	140	190	\$75.03	\$156,067
Psychiatrists	5,200	5,800	60	130	190	N/A	N/A
Physicians and Surgeons, All Other	27,900	31,500	350	700	1,050	N/A	N/A
Physician Assistants	8,300	11,100	280	150	430	\$49.29	\$102,537
Physical Therapists	16,400	21,100	470	400	870	\$43.83	\$91,156
Pharmacy Technicians	31,400	37,200	590	310	900	\$18.48	\$38,445
Psychiatric Technicians	8,400	8,500	10	80	100	\$26.74	\$55,624

<sup>1</sup>Source of Data: Employment Development Department-Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections, September, 2014.

Note: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, bureau of Labor Statistics.

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# California Occupational Employment Projections: Healthcare Practitioners and Technical Occupations<sup>1</sup> 2012-2022

The following table shows health occupations with the “Average Annual Job Opening” in California based on the Occupational Employment Statistics (OES) data survey responses from employers, and expected industry growth. 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 2014 first quarter wages are the most recent wage estimates available for the 2012-2022 projections. “N/A” in a field means that the data are not available.

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Radiation Therapists	1,100	1,300	20	20	40	\$47.15	\$98,066
Recreational Therapists	1,400	1,600	20	30	50	\$32.40	\$67,390
Respiratory Therapists	14,100	16,600	250	200	450	\$36.66	\$76,253
Registered Nurses	254,500	297,400	4,300	4,930	9,230	\$45.87	\$95,415
Radiologic Technologists	15,000	17,600	260	210	470	\$34.35	\$71,437
Surgeons	5,800	6,700	90	150	230	N/A	N/A
Speech-Language Pathologists	11,200	12,800	160	170	330	\$40.65	\$84,549
Surgical Technologists	9,400	11,800	240	90	330	\$27.41	\$57,000
Therapists, All Other	3,800	5,000	120	50	160	\$26.47	\$55,037

<sup>1</sup>Source of Data: Employment Development Department-Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections, September, 2014.  
 Note: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, bureau of Labor Statistics.  
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# California Occupational Employment Projections: Healthcare Support Occupations<sup>1</sup>

## 2012-2022

The following table shows health occupations with the “Average Annual Job Opening” in California based on the Occupational Employment Statistics (OES) data survey responses from employers, and expected industry growth. 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 2014 first quarter wages are the most recent wage estimates available for the 2012-2022 projections. “N/A” in a field means that the data are not available.

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Dental Assistants	45,200	52,200	700	940	1,640	\$17.71	\$36,850
Healthcare Support Workers, All Other	12,400	14,100	170	240	400	\$19.14	\$39,802
Home Health Aides	44,900	62,400	1,760	850	2,610	\$11.18	\$23,267
Massage Therapists	17,200	20,300	310	180	500	\$17.09	\$35,540
Medical Assistants	81,600	100,500	1,890	1,560	3,450	\$15.83	\$32,940
Medical Equipment Preparers	6,600	8,000	130	130	260	\$20.30	\$42,231
Medical Transcriptionists	4,600	4,800	20	90	100	\$22.29	\$46,362
Occupational Therapy Assistants	1,600	2,300	60	40	100	\$32.92	\$68,470
Psychiatric Aides	2,500	2,700	20	50	70	\$13.51	\$28,103
Physical Therapist Assistants	4,500	6,100	150	100	250	\$30.83	\$64,137
Physical Therapist Aides	5,900	7,900	200	130	330	\$13.06	\$27,166
Pharmacy Aides	9,000	10,000	100	170	270	\$11.79	\$24,516
Orderlies	5,000	5,700	70	100	170	\$16.36	\$34,039

<sup>1</sup>Source of Data: Employment Development Department-Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections, September, 2014.

Note: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, bureau of Labor Statistics.

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# California Occupational Employment Projections: Personal Care, Service, Office, Administrative Support<sup>1</sup>

2012-2022

The following table shows health occupations with the “Average Annual Job Opening” in California based on the Occupational Employment Statistics (OES) data survey responses from employers, and expected industry growth. 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 2014 first quarter wages are the most recent wage estimates available for the 2012-2022 projections. “N/A” in a field means that the data are not available.

## Personal Care and Service Occupations

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Fitness Trainers and Aerobics Instructors	28,500	31,500	300	340	640	\$22.93	\$47,702
Personal Care Aides	386,900	587,200	20,030	2,770	22,800	\$10.33	\$21,473
Personal Care and Service Workers, All Other	4,800	5,400	60	130	200	\$11.29	\$23,478

## Office and Administrative Occupations

Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Average Annual Job Openings			2014 First Quarter Wages [5]	
			New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual
Medical Secretaries	68,500	88,400	1,990	830	2,810	\$17.77	\$36,949

<sup>1</sup>Source of Data: Employment Development Department-Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections, September, 2014.

Note: 1. Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, bureau of Labor Statistics.

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# Employment Development Department-Labor Information Division

## Occupational Employment Projections References<sup>1</sup> 2012-2022

<sup>1</sup>Source of Data: Employment Development Department-Labor Market Information Division Statewide 2012-2022 Occupational Employment Projections, September, 2014.

\*Note: Occupational titles are based on the Standard Occupational Classification (SOC) system used by United States Department of Labor, Bureau of Labor Statistics.

\*\*Data sources: U.S. Bureau of Labor Statistics' Current Employment Statistics (CES) March 2013 benchmark, Quarterly Census of Employment and Wages (QCEW) industry employment, and Occupational Employment Statistics (OES) data.

- Occupational employment projections include self-employed, unpaid family workers, private household workers, farm, and nonfarm employment.
- N/A - Information is not available.
- Occupations with employment below 1,000 in 2012 are excluded.
- The use of occupational employment projections as a time series is not encouraged due to changes in the occupational, industrial, and geographical classification systems; changes in the way data are collected; and changes in the OES survey reference period.

[2] New jobs are only openings due to growth and do not include job declines. If an occupations employment change is negative, there is no job growth and new jobs are set to zero. New jobs may not equal numerical change.

[3] Replacement needs estimate the number of job openings created when workers retire or permanently leave an occupation and need to be replaced.

[4] Total jobs are the sum of new jobs and replacement needs.

[5] Median hourly and annual wages are the estimate 50<sup>th</sup> percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below, and 50 percent earn wages above the median wage. The wages are from 2014 first quarter and do not include self-employed or unpaid family workers.

[6] In occupations where workers do not work full-time all year-round, it is not possible to calculate an hourly wage.

There may be more current information on the EDD-LMID website:

[http://www.labormarketinfo.edd.ca.gov/LMID/Projections\\_of\\_Employment\\_by\\_Industry\\_and\\_Occupation.html](http://www.labormarketinfo.edd.ca.gov/LMID/Projections_of_Employment_by_Industry_and_Occupation.html).

