

# Anaheim Workforce Development Board

201 S. Anaheim Blvd  
Anaheim, CA 92805

## **Demand Occupations for Program Year 2018-2019**

Orange and Surrounding Counties

### Report Information

EMSI Q3 2018 Data Set

Data Run 2018.3 – QCEW Employees, Non-QCEW Employees, and Extended Proprietors

Time Frame: 2018-2020

Region Description: Los Angeles (6037), Orange (6059), Riverside (6065), San Bernadino (6071)

### Hospitality

SOC	Description	2018 Jobs	2020 Jobs	2018 - 2020 Change	2018 - 2020 % Change	Median Hourly Earnings	2018 - 2020 Openings	Typical Entry Level Education
35-3021	Combined Food Preparation and Serving Workers, Inclu	190,642	204,726	14,084	7%	\$11.34	84,458	No formal educational credential
35-3031	Waiters and Waitresses	137,679	143,727	6,048	4%	\$11.88	58,154	No formal educational credential
35-2014	Cooks, Restaurant	70,714	74,578	3,864	5%	\$13.35	23,811	No formal educational credential
35-1012	First-Line Supervisors of Food Preparation and Serving	46,224	48,867	2,643	6%	\$14.73	15,786	High school diploma or equivalent
35-2021	Food Preparation Workers	50,261	52,374	2,113	4%	\$11.89	19,092	No formal educational credential
43-4171	Receptionists and Information Clerks	55,805	57,466	1,661	3%	\$14.44	16,180	High school diploma or equivalent
37-2012	Maids and Housekeeping Cleaners	72,895	74,462	1,567	2%	\$12.31	20,628	No formal educational credential
35-9011	Dining Room and Cafeteria Attendants and Bartender H	38,911	40,187	1,276	3%	\$11.33	14,469	No formal educational credential
11-9051	Food Service Managers	30,245	31,501	1,256	4%	\$15.08	7,679	High school diploma or equivalent
39-1021	First-Line Supervisors of Personal Service Workers	23,504	24,750	1,246	5%	\$15.78	5,681	High school diploma or equivalent
35-9021	Dishwashers	40,005	41,196	1,191	3%	\$11.15	13,614	No formal educational credential
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee S	25,177	26,239	1,062	4%	\$11.56	12,522	No formal educational credential
35-3011	Bartenders	27,159	28,173	1,014	4%	\$12.86	9,958	No formal educational credential
35-3022	Counter Attendants, Cafeteria, Food Concession, and C	22,611	23,619	1,008	4%	\$11.85	10,849	No formal educational credential
35-2011	Cooks, Fast Food	57,448	58,414	966	2%	\$11.21	17,018	No formal educational credential
39-3091	Amusement and Recreation Attendants	24,414	25,221	807	3%	\$11.56	11,846	No formal educational credential
35-2012	Cooks, Institution and Cafeteria	13,944	14,649	705	5%	\$15.06	4,635	No formal educational credential
35-1011	Chefs and Head Cooks	11,934	12,517	583	5%	\$18.49	3,559	High school diploma or equivalent
35-3041	Food Servers, Nonrestaurant	11,158	11,696	538	5%	\$12.11	3,838	No formal educational credential
43-4081	Hotel, Motel, and Resort Desk Clerks	10,707	11,085	378	4%	\$12.95	3,709	High school diploma or equivalent
37-1011	First-Line Supervisors of Housekeeping and Janitorial W	14,040	14,391	351	3%	\$17.38	3,488	High school diploma or equivalent
11-9081	Lodging Managers	7,027	7,339	312	4%	\$16.95	1,720	High school diploma or equivalent
35-2015	Cooks, Short Order	10,871	11,132	261	2%	\$12.14	3,304	No formal educational credential
35-9099	Food Preparation and Serving Related Workers, All Oth	3,720	3,887	167	4%	\$11.25	1,432	No formal educational credential
39-6011	Baggage Porters and Bellhops	3,293	3,437	144	4%	\$12.40	1,050	High school diploma or equivalent
39-6012	Concierges	1,512	1,592	80	5%	\$15.82	497	High school diploma or equivalent

### Information Technology

SOC	Description	2018 Jobs	2020 Jobs	2018 - 2020 Change	2018 - 2020 % Change	Median Hourly Earnings	2018 - 2020 Openings	Typical Entry Level Education
15-1132	Software Developers, Applications	32,780	34,804	2,024	6%	\$50.72	6,222	Bachelor's degree
13-1111	Management Analysts	59,316	60,979	1,663	3%	\$37.39	11,704	Bachelor's degree
15-1151	Computer User Support Specialists	31,771	32,726	955	3%	\$26.51	5,567	Some college, no degree
11-3021	Computer and Information Systems Managers	18,661	19,187	526	3%	\$69.03	3,234	Bachelor's degree
15-1134	Web Developers	15,047	15,568	521	3%	\$23.55	2,617	Associate's degree
15-1121	Computer Systems Analysts	24,651	25,065	414	2%	\$41.69	3,534	Bachelor's degree
15-1199	Computer Occupations, All Other	19,252	19,631	379	2%	\$35.66	2,935	Bachelor's degree
15-1142	Network and Computer Systems Administrators	16,828	17,081	253	2%	\$41.24	2,318	Bachelor's degree
15-1152	Computer Network Support Specialists	8,365	8,589	224	3%	\$32.82	1,436	Associate's degree
25-4031	Library Technicians	5,595	5,812	217	4%	\$21.11	1,686	Postsecondary nondegree award
15-1122	Information Security Analysts	3,248	3,426	178	5%	\$49.05	613	Bachelor's degree
15-1133	Software Developers, Systems Software	24,666	24,843	177	1%	\$54.87	3,313	Bachelor's degree
15-1141	Database Administrators	4,482	4,613	131	3%	\$44.47	701	Bachelor's degree
15-1143	Computer Network Architects	5,563	5,665	102	2%	\$51.03	806	Bachelor's degree

### Healthcare

SOC	Description	2018 Jobs	2020 Jobs	2018 - 2020 Change	2018 - 2020 % Change	Median Hourly Earnings	2018 - 2020 Openings	Typical Entry Level Education
29-1141	Registered Nurses	139,705	147,156	7,451	5%	\$44.90	21,624	Bachelor's degree
31-1011	Home Health Aides	27,987	32,737	4,750	17%	\$13.19	11,246	High school diploma or equivalent
31-1014	Nursing Assistants	52,398	55,857	3,459	7%	\$14.30	15,295	Postsecondary nondegree award
31-9092	Medical Assistants	43,829	46,135	2,306	5%	\$15.91	11,637	Postsecondary nondegree award
29-2061	Licensed Practical and Licensed Vocational Nurses	37,415	39,477	2,062	6%	\$24.18	7,377	Postsecondary nondegree award
31-9011	Massage Therapists	24,761	26,790	2,029	8%	\$15.31	7,140	Postsecondary nondegree award
31-9091	Dental Assistants	23,135	24,465	1,330	6%	\$16.57	6,403	Postsecondary nondegree award
29-2099	Health Technologists and Technicians, All Other	13,658	14,912	1,254	9%	\$20.34	2,962	Postsecondary nondegree award
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Technicians	15,656	16,823	1,167	7%	\$21.27	4,435	Bachelor's degree
29-2052	Pharmacy Technicians	17,944	18,721	777	4%	\$18.15	3,572	High school diploma or equivalent
29-2021	Dental Hygienists	9,414	10,095	681	7%	\$47.00	1,813	Associate's degree
29-2041	Emergency Medical Technicians and Paramedics	9,386	9,924	538	6%	\$13.74	1,663	Postsecondary nondegree award
29-2018	Clinical Laboratory Technologists and Technicians	14,604	15,133	529	4%	\$36.76	2,328	Associate's degree
29-1126	Respiratory Therapists	9,331	9,770	439	5%	\$35.84	1,308	Associate's degree
29-2034	Radiologic Technologists	8,607	9,042	435	5%	\$35.27	1,325	Associate's degree
29-2071	Medical Records and Health Information Technicians	10,741	11,142	401	4%	\$20.05	1,681	Postsecondary nondegree award
29-2055	Surgical Technologists	4,438	4,779	341	8%	\$27.89	1,038	Postsecondary nondegree award
31-2021	Physical Therapist Assistants	2,756	3,084	328	12%	\$31.55	998	Associate's degree
31-9097	Phlebotomists	6,540	6,854	314	5%	\$20.18	1,652	Postsecondary nondegree award
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	5,216	5,529	313	6%	\$13.69	1,914	High school diploma or equivalent
29-1031	Dietitians and Nutritionists	4,760	5,072	312	7%	\$36.28	894	Bachelor's degree
29-2056	Veterinary Technologists and Technicians	3,652	3,929	277	8%	\$18.97	850	Associate's degree
31-2022	Physical Therapist Aides	2,629	2,852	223	8%	\$13.81	857	High school diploma or equivalent
31-9099	Healthcare Support Workers, All Other	5,578	5,794	216	4%	\$20.65	1,591	High school diploma or equivalent
29-2081	Opticians, Dispensing	4,196	4,398	202	5%	\$19.37	797	High school diploma or equivalent
21-1091	Health Educators	3,536	3,736	200	6%	\$25.84	1,055	Bachelor's degree
21-1094	Community Health Workers	2,271	2,468	197	9%	\$21.13	751	High school diploma or equivalent
29-1129	Therapists, All Other	3,455	3,634	179	5%	\$29.73	558	Bachelor's degree
29-2032	Diagnostic Medical Sonographers	2,480	2,640	160	6%	\$40.15	417	Associate's degree
31-9093	Medical Equipment Preparers	2,893	3,052	159	5%	\$20.66	876	High school diploma or equivalent
31-2011	Occupational Therapy Assistants	1,198	1,352	154	13%	\$33.20	456	Associate's degree
29-9099	Healthcare Practitioners and Technical Workers, All Other	2,396	2,512	116	5%	\$36.53	359	Postsecondary nondegree award
29-9011	Occupational Health and Safety Specialists	3,097	3,205	108	3%	\$41.35	421	Bachelor's degree
29-1128	Exercise Physiologists	1,112	1,210	98	9%	\$28.79	220	Bachelor's degree
29-9091	Athletic Trainers	1,048	1,139	91	9%	\$26.83	198	Bachelor's degree
29-2057	Ophthalmic Medical Technicians	1,265	1,336	71	6%	\$17.64	269	Postsecondary nondegree award
29-2035	Magnetic Resonance Imaging Technologists	1,340	1,410	70	5%	\$40.89	209	Associate's degree

**Business/Finance/Administration**

SOC	Description	2018 Jobs	2020 Jobs	2018 - 2020 Change	2018 - 2020 % Change	Median Hourly Earnings	2018 - 2020 Openings	Typical Entry Level Education
11-9199	Managers, All Other	92,284	96,035	3,751	4%	\$20.56	16,633	Bachelor's degree
11-1021	General and Operations Managers	123,436	126,662	3,226	3%	\$51.53	23,114	Bachelor's degree
43-4051	Customer Service Representatives	106,048	108,467	2,419	2%	\$17.92	29,310	High school diploma or equivalent
43-9061	Office Clerks, General	167,424	169,695	2,271	1%	\$15.85	41,258	High school diploma or equivalent
13-1161	Market Research Analysts and Marketing Specialists	46,752	48,736	1,984	4%	\$30.66	10,968	Bachelor's degree
11-3031	Financial Managers	47,715	49,650	1,935	4%	\$46.30	8,881	Bachelor's degree
13-2011	Accountants and Auditors	86,105	87,803	1,698	2%	\$34.33	16,761	Bachelor's degree
13-1111	Management Analysts	59,316	60,979	1,663	3%	\$37.39	11,704	Bachelor's degree
43-4171	Receptionists and Information Clerks	55,805	57,466	1,661	3%	\$14.44	16,180	High school diploma or equivalent
11-1011	Chief Executives	32,575	33,939	1,364	4%	\$36.69	6,138	Bachelor's degree
43-3021	Billing and Posting Clerks	30,084	30,978	894	3%	\$19.22	6,837	High school diploma or equivalent
43-9199	Office and Administrative Support Workers, All Other	26,962	27,685	723	3%	\$17.49	6,534	High school diploma or equivalent
41-2021	Counter and Rental Clerks	43,809	44,491	682	2%	\$13.32	11,832	No formal educational credential
43-3031	Bookkeeping, Accounting, and Auditing Clerks	105,125	105,789	664	1%	\$21.51	24,249	Some college, no degree
13-1071	Human Resources Specialists	29,340	29,934	594	2%	\$32.59	6,206	Bachelor's degree
11-3011	Administrative Services Managers	19,489	19,923	434	2%	\$49.44	3,532	Bachelor's degree
11-2021	Marketing Managers	15,013	15,428	415	3%	\$53.19	2,927	Bachelor's degree
13-1051	Cost Estimators	12,426	12,780	354	3%	\$29.66	2,758	Bachelor's degree
13-1041	Compliance Officers	16,036	16,382	346	2%	\$38.58	2,863	Bachelor's degree
13-1028	Buyers and Purchasing Agents	32,609	32,947	338	1%	\$28.95	6,852	Bachelor's degree
13-2051	Financial Analysts	24,235	24,572	337	1%	\$36.57	4,375	Bachelor's degree
11-9081	Lodging Managers	7,027	7,339	312	4%	\$16.95	1,720	High school diploma or equivalent
11-3121	Human Resources Managers	9,460	9,718	258	3%	\$51.64	1,749	Bachelor's degree
13-2099	Financial Specialists, All Other	10,652	10,877	225	2%	\$25.72	1,982	Bachelor's degree
43-4121	Library Assistants, Clerical	5,887	6,104	217	4%	\$13.76	1,881	High school diploma or equivalent
25-4031	Library Technicians	5,595	5,812	217	4%	\$21.11	1,686	Postsecondary nondegree award
43-4151	Order Clerks	20,157	20,333	176	1%	\$17.04	4,889	High school diploma or equivalent
11-9039	Education Administrators, All Other	3,397	3,554	157	5%	\$33.06	666	Bachelor's degree
43-3099	Financial Clerks, All Other	3,965	4,121	156	4%	\$19.33	995	High school diploma or equivalent
15-1141	Database Administrators	4,482	4,613	131	3%	\$44.47	701	Bachelor's degree
43-4131	Loan Interviewers and Clerks	13,290	13,420	130	1%	\$21.02	2,833	High school diploma or equivalent
43-4031	Court, Municipal, and License Clerks	3,025	3,145	120	4%	\$21.99	634	High school diploma or equivalent

### Manufacturing

SOC	Description	2018 Jobs	2020 Jobs	2018 - 2020 Change	2018 - 2020 % Change	Median Hourly Earnings	2018 - 2020 Openings	Typical Entry Level Education
51-9198	Helpers--Production Workers	17,547	17,929	382	2%	\$11.94	5,641	High school diploma or equivalent
41-4011	Sales Representatives, Wholesale and Manufacturing, T	23,078	23,446	368	2%	\$35.17	5,050	Bachelor's degree
51-9199	Production Workers, All Other	18,093	18,418	325	2%	\$12.76	4,416	High school diploma or equivalent
17-1011	Architects, Except Landscape and Naval	9,642	9,865	223	2%	\$33.10	1,581	Bachelor's degree
17-2051	Civil Engineers	17,722	17,896	174	1%	\$49.15	2,887	Bachelor's degree
27-1021	Commercial and Industrial Designers	3,821	3,995	174	5%	\$27.48	907	Bachelor's degree
51-4121	Welders, Cutters, Solderers, and Brazers	12,424	12,586	162	1%	\$18.18	2,781	High school diploma or equivalent
17-2112	Industrial Engineers	10,913	11,042	129	1%	\$47.58	1,555	Bachelor's degree
17-1021	Cartographers and Photogrammetrists	717	756	39	5%	\$37.78	141	Bachelor's degree
51-2093	Timing Device Assemblers and Adjusters	38	51	13	34%	\$18.88	23	High school diploma or equivalent
17-2121	Marine Engineers and Naval Architects	105	114	9	9%	\$49.08	22	Bachelor's degree
17-2151	Mining and Geological Engineers, Including Mining Sa	92	97	5	5%	\$65.71	19	Bachelor's degree

**Construction**

SOC	Description	2018 Jobs	2020 Jobs	2018 - 2020		Median Hourly Earnings	2018 - 2020	
				Change	2018 - 2020 % Change		Openings	Typical Entry Level Education
47-2061	Construction Laborers	52,482	54,981	2,499	5%	\$17.10	13,234	No formal educational credential
47-2031	Carpenters	51,813	53,694	1,881	4%	\$20.75	11,297	High school diploma or equivalent
47-2111	Electricians	29,683	31,264	1,581	5%	\$28.44	8,144	High school diploma or equivalent
47-2152	Plumbers, Pipefitters, and Steamfitters	22,275	23,776	1,501	7%	\$23.53	6,172	High school diploma or equivalent
47-1011	First-Line Supervisors of Construction Trades and Extra	26,440	27,341	901	3%	\$34.37	6,097	High school diploma or equivalent
47-2141	Painters, Construction and Maintenance	20,122	20,849	727	4%	\$17.15	4,140	No formal educational credential
11-9021	Construction Managers	17,677	18,279	602	3%	\$39.68	2,992	Bachelor's degree
49-1011	First-Line Supervisors of Mechanics, Installers, and Rep	18,609	19,155	546	3%	\$35.31	3,696	High school diploma or equivalent
47-2073	Operating Engineers and Other Construction Equipment	10,406	10,904	498	5%	\$35.61	2,775	High school diploma or equivalent
47-2051	Cement Masons and Concrete Finishers	10,067	10,451	384	4%	\$23.84	2,540	No formal educational credential
13-1051	Cost Estimators	12,426	12,780	354	3%	\$29.66	2,758	Bachelor's degree
47-2211	Sheet Metal Workers	5,526	5,847	321	6%	\$23.78	1,477	High school diploma or equivalent
47-2181	Roofers	7,433	7,725	292	4%	\$23.37	1,750	No formal educational credential
47-2231	Solar Photovoltaic Installers	1,161	1,415	254	22%	\$18.74	509	High school diploma or equivalent
47-4011	Construction and Building Inspectors	6,500	6,743	243	4%	\$36.10	1,635	High school diploma or equivalent
49-9051	Electrical Power-Line Installers and Repairers	3,635	3,853	218	6%	\$46.99	794	High school diploma or equivalent
47-2221	Structural Iron and Steel Workers	3,890	4,080	190	5%	\$31.55	1,009	High school diploma or equivalent
17-2051	Civil Engineers	17,722	17,896	174	1%	\$49.15	2,887	Bachelor's degree
47-3013	Helpers--Electricians	2,374	2,538	164	7%	\$16.40	836	High school diploma or equivalent
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfit	1,539	1,693	154	10%	\$15.09	593	High school diploma or equivalent
47-2121	Glaziers	3,210	3,357	147	5%	\$24.93	881	High school diploma or equivalent
17-2112	Industrial Engineers	10,913	11,042	129	1%	\$47.58	1,555	Bachelor's degree
47-4051	Highway Maintenance Workers	1,542	1,669	127	8%	\$22.83	443	High school diploma or equivalent
47-2044	Tile and Marble Setters	3,664	3,774	110	3%	\$19.72	731	No formal educational credential
49-9052	Telecommunications Line Installers and Repairers	6,604	6,706	102	2%	\$27.65	1,417	High school diploma or equivalent
47-2041	Carpet Installers	2,932	3,032	100	3%	\$20.45	597	No formal educational credential
47-2151	Pipelayers	1,665	1,755	90	5%	\$23.80	439	No formal educational credential
47-4098	Miscellaneous Construction and Related Workers	1,761	1,851	90	5%	\$22.43	461	High school diploma or equivalent
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	1,067	1,137	70	7%	\$20.56	338	High school diploma or equivalent
47-5013	Service Unit Operators, Oil, Gas, and Mining	816	882	66	8%	\$23.49	262	No formal educational credential
47-5071	Roustabouts, Oil and Gas	763	829	66	9%	\$16.34	255	No formal educational credential

## Fastest Growing Occupations

201 S. Anaheim Blvd	2018 Jobs	2020 Jobs	Change in Jobs (2018-2020)	% Change	2017 Median Hourly Earnings
Personal Care Aides	316,753	352,976	36,223	11%	\$11.54
Combined Food Preparation and Serving Workers, Including Fast Food	190,642	204,726	14,084	7%	\$11.34
Taxi Drivers and Chauffeurs	79,444	90,993	11,549	15%	\$8.47
Real Estate Sales Agents	213,800	223,698	9,898	5%	\$23.43
Registered Nurses	139,705	147,156	7,451	5%	\$44.90
Laborers and Freight, Stock, and Material Movers, Hand	202,275	209,715	7,440	4%	\$12.92
Waiters and Waitresses	137,679	143,727	6,048	4%	\$11.88
Nonfarm Animal Caretakers	79,064	84,525	5,461	7%	\$13.78
Property, Real Estate, and Community Association Managers	93,623	98,604	4,981	5%	\$24.65
Heavy and Tractor-Trailer Truck Drivers	112,677	117,481	4,804	4%	\$19.45



## Highest Paying Occupations

201 S. Anaheim Blvd	2018 Jobs	2020 Jobs	Change in Jobs (2018-2020)	% Change	2017 Median Hourly Earnings
Airline Pilots, Copilots, and Flight Engineers	6,169	6,458	289	5%	\$77.18
Architectural and Engineering Managers	9,848	9,837	(11)	(0%)	\$75.05
First-Line Supervisors of Police and Detectives	1,323	1,397	74	6%	\$71.89
Air Traffic Controllers	983	1,002	19	2%	\$70.60
Computer and Information Systems Managers	18,661	19,187	526	3%	\$69.03
First-Line Supervisors of Fire Fighting and Prevention Workers	597	640	43	7%	\$67.32
Mining and Geological Engineers, Including Mining Safety Engineers	92	97	5	5%	\$65.71
Compensation and Benefits Managers	629	645	16	3%	\$64.08
Public Relations and Fundraising Managers	2,952	3,044	92	3%	\$60.94
Aerospace Engineers	5,135	5,115	(20)	(0%)	\$60.87

# Appendix A - Data Sources and Calculations

## Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

## State Data Sources

This report uses state data from the following agencies: California Labor Market Information Department