

Appendix E: Projected Job Openings by Educational Preparation

The first table identifies occupations commonly requiring a Bachelor’s Degree. Forty-eight occupations in Riverside or San Bernardino Counties meet these criteria. A **bolded** TOP code indicates a Palo Verde College AD-T has been established for the occupation.

Table __: Occupations Commonly Requiring a Bachelor’s Degree, 200 or More Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
111021	General and Operations Managers	050500	767	\$43.75	\$90,991	Bachelor's Degree	<5 years	None	Y
111021	General and Operations Managers	050600		\$43.75	\$90,991	Bachelor's Degree	<5 years	None	Y
252021	Elementary School Teachers, Except Special Education		582	[6]	\$75,170	Bachelor's Degree	None	I/R	
132011	Accountants and Auditors	050210	379	\$29.94	\$62,286	Bachelor's Degree	None	None	
131111	Management Analysts	050500	255	\$36.54	\$76,009	Bachelor's Degree	<5 years	None	Y
131111	Management Analysts	050600		\$36.54	\$76,009	Bachelor's Degree	<5 years	None	Y
252031	Secondary School Teachers, Except Special and Career/Technical Education		204	[6]	\$70,830	Bachelor's Degree	None	I/R	
252031	Secondary School Teachers, Except Special and Career/Technical Education	040100		[6]	\$70,830	Bachelor's Degree	None	I/R	
252031	Secondary School Teachers, Except Special and Career/Technical Education	100200		[6]	\$70,830	Bachelor's Degree	None	I/R	
252031	Secondary School Teachers, Except Special and Career/Technical Education	100400		[6]	\$70,830	Bachelor's Degree	None	I/R	
252031	Secondary School Teachers, Except Special and Career/Technical Education	110500		[6]	\$70,830	Bachelor's Degree	None	I/R	
252031	Secondary School Teachers, Except Special and Career/Technical Education	150100		[6]	\$70,830	Bachelor's Degree	None	I/R	
252031	Secondary School Teachers, Except Special and Career/Technical Education	170100		[6]	\$70,830	Bachelor's Degree	None	I/R	
252031	Secondary School Teachers, Except Special and Career/Technical Education	190200		[6]	\$70,830	Bachelor's Degree	None	I/R	
252031	Secondary School Teachers, Except Special and Career/Technical Education	190500		[6]	\$70,830	Bachelor's Degree	None	I/R	
252031	Secondary School Teachers, Except Special and Career/Technical Education	220500		[6]	\$70,830	Bachelor's Degree	None	I/R	
[6] In occupations where workers do not work full-time all year-round, it is not possible to calculate an hourly wage.			I/R	Internship/Residency					

Source: California Employment Development Department, Labor Market Information. California Community College Chancellor’s Office; analysis by Cambridge West Partnership, LLC

Table __: Occupations Commonly Requiring a Bachelor's Degree, 100 to 199 Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
119021	Construction Managers	050500	198	\$49.88	\$103,767	Bachelor's Degree	None	MT OJT	Y
119021	Construction Managers	050600		\$49.88	\$103,767	Bachelor's Degree	None	MT OJT	Y
131051	Cost Estimators	050500	192	\$29.95	\$62,296	Bachelor's Degree	None	None	Y
131051	Cost Estimators	050600		\$29.95	\$62,296	Bachelor's Degree	None	None	Y
252022	Middle School Teachers, Except Special and Career/Technical Education		175	[6]	\$76,445	Bachelor's Degree	None	I/R	
131161	Market Research Analysts and Marketing Specialists		148	\$26.77	\$55,687	Bachelor's Degree	None	None	
112022	Sales Managers	050500	143	\$47.31	\$98,407	Bachelor's Degree	<5 years	None	Y
112022	Sales Managers	050600		\$47.31	\$98,407	Bachelor's Degree	<5 years	None	Y
113031	Financial Managers		142	\$50.92	\$105,903	Bachelor's Degree	≥5 years	None	
172051	Civil Engineers		113	\$45.40	\$94,423	Bachelor's Degree	None	None	
119111	Medical and Health Services Managers	120200	103	\$51.43	\$106,971	Bachelor's Degree	None	None	
119111	Medical and Health Services Managers	126100		\$51.43	\$106,971	Bachelor's Degree	None	None	
131071	Human Resources Specialists		100	\$26.95	\$56,070	Bachelor's Degree	None	None	
I/R- Internship/Residency				MT OJT- mor than 1 month and up to 12 months OJT and informal training					

Source: California Employment Development Department, Labor Market Information. California Community College Chancellor's Office; analysis by Cambridge West Partnership, LLC

Table __: Occupations Commonly Requiring a Bachelor’s Degree, 50 to 99 Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
414011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products		99	\$32.77	\$68,161	Bachelor's Degree	None	MT OJT	
271024	Graphic Designers	061430	92	\$18.45	\$38,384	Bachelor's Degree	None	None	
252012	Kindergarten Teachers, Except Special Education		91	[6]	\$68,969	Bachelor's Degree	None	I/R	
399032	Recreation Workers		85	\$10.30	\$21,413	Bachelor's Degree	None	None	
113011	Administrative Services Managers	050500	77	\$36.41	\$75,747	Bachelor's Degree	<5 years	None	Y
113011	Administrative Services Managers	050600		\$36.41	\$75,747	Bachelor's Degree	<5 years	None	Y
113011	Administrative Services Managers	050920		\$36.41	\$75,747	Bachelor's Degree	<5 years	None	
253099	Teachers and Instructors, All Other		77	[6]	\$64,284	Bachelor's Degree	None	I/R	
111011	Chief Executives	050100	75	N/A	N/A	Bachelor's Degree	≥5 years	None	
111011	Chief Executives	050500		N/A	N/A	Bachelor's Degree	≥5 years	None	Y
111011	Chief Executives	050600		N/A	N/A	Bachelor's Degree	≥5 years	None	Y
111011	Chief Executives	050800		N/A	N/A	Bachelor's Degree	≥5 years	None	
111011	Chief Executives	210200		N/A	N/A	Bachelor's Degree	≥5 years	None	
151121	Computer Systems Analysts		64	\$37.55	\$78,104	Bachelor's Degree	None	None	
151121	Computer Systems Analysts	070200	64	\$37.55	\$78,104	Bachelor's Degree	None	None	Y
151121	Computer Systems Analysts	070730	64	\$37.55	\$78,104	Bachelor's Degree	None	None	
151121	Computer Systems Analysts	070810	64	\$37.55	\$78,104	Bachelor's Degree	None	None	
413031	Securities, Commodities, and Financial Services Sales Agents		62	\$21.65	\$45,031	Bachelor's Degree	None	MT OJT	
131041	Compliance Officers		60	\$33.36	\$69,379	Bachelor's Degree	None	MT OJT	
272022	Coaches and Scouts		60	[6]	\$35,764	Bachelor's Degree	None	None	
132072	Loan Officers		57	\$39.24	\$81,631	Bachelor's Degree	None	MT OJT	
151142	Network and Computer Systems Administrators		57	\$36.64	\$76,213	Bachelor's Degree	None	None	
131151	Training and Development Specialists		53	\$26.27	\$54,639	Bachelor's Degree	<5 years	None	
172141	Mechanical Engineers		51	\$38.81	\$80,735	Bachelor's Degree	None	None	
192041	Environmental Scientists and Specialists, Including Health	030100	50	\$36.10	\$75,090	Bachelor's Degree	None	None	
192041	Environmental Scientists and Specialists, Including Health	030200		\$36.10	\$75,090	Bachelor's Degree	None	None	
252052	Special Education Teachers, Kindergarten and Elementary School		50	[6]	\$74,533	Bachelor's Degree	None	I/R	
[6] In occupations where workers do not work full-time all year-round, it is not possible to calculate an hourly wage.			MT OJT- mor than 1 month and up to 12 months OJT and informal training						

Source: California Employment Development Department, Labor Market Information. California Community College Chancellor’s Office; analysis by Cambridge West Partnership, LLC

The table below identifies five occupations in the Riverside or San Bernardino Counties with 50 or more projected annual openings through 2022 that commonly require an Associate Degree.

Table __: Occupations Commonly Requiring an Associate Degree, 50 or More Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
291141	Registered Nurses	123010	830	\$42.39	\$88,181	Associate's Degree	None	None	
252011	Preschool Teachers, Except Special Education		153	\$14.45	\$30,058	Associate's Degree	None	None	Y
292021	Dental Hygienists		75	\$44.02	\$91,550	Associate's Degree	None	None	
232011	Paralegals and Legal Assistants	140200	56	\$24.58	\$51,142	Associate's Degree	None	None	

Source: California Employment Development Department, Labor Market Information. California Community College Chancellor's Office; analysis by Cambridge West Partnership, LLC

The table below identifies six occupations in Riverside or San Bernardino Counties with 50 or more projected annual openings through 2022 that commonly require a Postsecondary Certificate.

Table __: Occupations Commonly Requiring a Certificate, 50 or More Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
533032	Heavy and Tractor-Trailer Truck Drivers		995	\$20.39	\$42,398	Postsecondary Certificate	None	ST OJT	
311014	Nursing Assistants	123030	328	\$12.66	\$26,330	Postsecondary Certificate	None	None	Y
292061	Licensed Practical and Licensed Vocational Nurses	123020	299	\$22.17	\$46,104	Postsecondary Certificate	None	None	Y
319092	Medical Assistants	051420	290	\$13.01	\$27,045	Postsecondary Certificate	None	None	
319092	Medical Assistants	120800		\$13.01	\$27,045	Postsecondary Certificate	None	None	
319092	Medical Assistants	120810		\$13.01	\$27,045	Postsecondary Certificate	None	None	
319092	Medical Assistants	120820		\$13.01	\$27,045	Postsecondary Certificate	None	None	
395012	Hairdressers, Hairstylists, and Cosmetologists	300700	251	\$9.47	\$19,690	Postsecondary Certificate	None	None	None
499021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers		184	\$24.73	\$51,439	Postsecondary Certificate	None	LT OJT	
319091	Dental Assistants	124010	171	\$16.18	\$33,666	Postsecondary Certificate	None	None	
332011	Firefighters	213300	98	\$26.69	\$55,522	Postsecondary Certificate	None	LT OJT	
332011	Firefighters	213350		\$26.69	\$55,522	Postsecondary Certificate	None	LT OJT	
395092	Manicurists and Pedicurists	300700	86	\$9.04	\$18,793	Postsecondary Certificate	None	None	
511011	First-Line Supervisors of Production and Operating Workers		84	\$23.03	\$47,915	Postsecondary Certificate	<5 years	None	None
292041	Emergency Medical Technicians and Paramedics		83	\$11.46	\$23,846	Postsecondary Certificate	None	None	
292071	Medical Records and Health Information Technicians	122300	76	\$19.00	\$39,507	Postsecondary Certificate	None	None	
292071	Medical Records and Health Information Technicians	122310		\$19.00	\$39,507	Postsecondary Certificate	None	None	
254031	Library Technicians	160200	62	\$17.77	\$36,938	Postsecondary Certificate	None	None	
319097	Phlebotomists	120510	57	\$16.84	\$35,026	Postsecondary Certificate	None	None	Y
319011	Massage Therapists		51	\$17.97	\$37,364	Postsecondary Certificate	None	None	
492022	Telecommunications Equipment Installers and Repairers, Except Line Installers		51	\$30.76	\$63,989	Postsecondary Certificate	None	MT OJT	
LT OJT- more than 12 months OJT and formal classroom instruction			MT OJT- mor than 1 month and up to 12 months OJT and informal training			ST OJT- 1 month or less OJT			

Source: California Employment Development Department, Labor Market Information. California Community College Chancellor's Office; analysis by Cambridge West Partnership, LLC

The table below identifies two occupations in Riverside or San Bernardino Counties with 50 or more projected annual openings through 2022 that commonly require some college.

Table __: Occupations Commonly Requiring Some College, 50 or More Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
259041	Teacher Assistants [6]	080200	442		\$29,421	Some College	None	None	
259041	Teacher Assistants [6]	080210			\$29,421	Some College	None	None	
151151	Computer User Support Specialists		103	\$24.63	\$51,213	Some College	None	MT OJT	
MT OJT- mor than 1 month and up to 12 months OJT and informal training									

Source: California Employment Development Department, Labor Market Information. California Community College Chancellor's Office; analysis by Cambridge West Partnership, LLC

The table below identifies forty-five occupations in Riverside or San Bernardino Counties with 50 or more projected annual openings through 2022 that commonly require a high school diploma. For some occupations below a college certificate or some college experience may give the job applicant a competitive advantage. In other occupations local hiring practices actually expect more than a high school diploma for entry-level education.

Table __: Occupations Commonly Requiring a High School Diploma, 50 or More Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
439061	Office Clerks, General		925	\$13.37	\$27,805	HS Diploma	None	ST OJT	
434051	Customer Service Representatives	051800	652	\$16.43	\$34,174	HS Diploma	None	ST OJT	
411011	First-Line Supervisors of Retail Sales Workers	010920	595	\$18.94	\$39,397	HS Diploma	<5 years	None	
411011	First-Line Supervisors of Retail Sales Workers	050940		\$18.94	\$39,397	HS Diploma	<5 years	None	
411011	First-Line Supervisors of Retail Sales Workers	050970		\$18.94	\$39,397	HS Diploma	<5 years	None	
411011	First-Line Supervisors of Retail Sales Workers	070910		\$18.94	\$39,397	HS Diploma	<5 years	None	
431011	First-Line Supervisors of Office and Administrative Support Workers	050630	570	\$23.49	\$48,857	HS Diploma	<5 years	None	
431011	First-Line Supervisors of Office and Administrative Support Workers	051440		\$23.49	\$48,857	HS Diploma	<5 years	None	
472031	Carpenters		560	\$25.24	\$52,489	HS Diploma	None	APP	
436014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	051400	543	\$17.13	\$35,643	HS Diploma	None	ST OJT	
351012	First-Line Supervisors of Food Preparation and Serving Workers		504	\$13.16	\$27,378	HS Diploma	<5 years	None	
414012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	050900	469	\$25.65	\$53,346	HS Diploma	None	MT OJT	
339032	Security Guards		412	\$10.62	\$22,098	HS Diploma	None	ST OJT	
399011	Childcare Workers	130500	366	\$10.52	\$21,886	HS Diploma	None	ST OJT	Y
399011	Childcare Workers	130540		\$10.52	\$21,886	HS Diploma	None	ST OJT	
399011	Childcare Workers	130550		\$10.52	\$21,886	HS Diploma	None	ST OJT	
399011	Childcare Workers	130590		\$10.52	\$21,886	HS Diploma	None	ST OJT	
433031	Bookkeeping, Accounting, and Auditing Clerks	050200	364	\$18.06	\$37,566	HS Diploma	None	MT OJT	
493023	Automotive Service Technicians and Mechanics	094800	357	\$17.21	\$35,806	HS Diploma	None	LT OJT	Y
493023	Automotive Service Technicians and Mechanics	094840		\$17.21	\$35,806	HS Diploma	None	LT OJT	
499071	Maintenance and Repair Workers, General		357	\$18.24	\$37,933	HS Diploma	None	LT OJT	
435071	Shipping, Receiving, and Traffic Clerks		354	\$14.06	\$29,243	HS Diploma	None	ST OJT	
434171	Receptionists and Information Clerks		339	\$12.80	\$26,621	HS Diploma	None	ST OJT	
413099	Sales Representatives, Services, All Other		311	\$21.79	\$45,313	HS Diploma	None	ST OJT	
533033	Light Truck or Delivery Services Drivers		296	\$15.74	\$32,733	HS Diploma	None	ST OJT	
MT OJT- mor than 1 month and up to 12 months OJT and informal training								ST OJT- 1 month or less OJT	

Source: California Employment Development Department, Labor Market Information. California Community College Chancellor's Office; analysis by Cambridge West Partnership, LLC

Table __: Occupations Commonly Requiring a High School Diploma, 50 or More Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
471011	First-Line Supervisors of Construction Trades and Extraction Workers	095210	253	\$33.06	\$68,771	HS Diploma	≥5 years	None	
471011	First-Line Supervisors of Construction Trades and Extraction Workers	095220		\$33.06	\$68,771	HS Diploma	≥5 years	None	
471011	First-Line Supervisors of Construction Trades and Extraction Workers	095230		\$33.06	\$68,771	HS Diploma	≥5 years	None	
471011	First-Line Supervisors of Construction Trades and Extraction Workers	095240		\$33.06	\$68,771	HS Diploma	≥5 years	None	
471011	First-Line Supervisors of Construction Trades and Extraction Workers	095260		\$33.06	\$68,771	HS Diploma	≥5 years	None	
471011	First-Line Supervisors of Construction Trades and Extraction Workers	095270		\$33.06	\$68,771	HS Diploma	≥5 years	None	
471011	First-Line Supervisors of Construction Trades and Extraction Workers	095280		\$33.06	\$68,771	HS Diploma	≥5 years	None	
471011	First-Line Supervisors of Construction Trades and Extraction Workers	095290		\$33.06	\$68,771	HS Diploma	≥5 years	None	
471011	First-Line Supervisors of Construction Trades and Extraction Workers	095700		\$33.06	\$68,771	HS Diploma	≥5 years	None	
471011	First-Line Supervisors of Construction Trades and Extraction Workers	095720		\$33.06	\$68,771	HS Diploma	≥5 years	None	
472111	Electricians		241	\$27.61	\$57,407	HS Diploma	None	Apprentice	
436013	Medical Secretaries	051420	224	\$15.30	\$31,825	HS Diploma	None	MT OJT	
512092	Team Assemblers		220	\$11.58	\$24,090	HS Diploma	None	MT OJT	
131199	Business Operations Specialists, All Other		195	\$31.50	\$65,500	HS Diploma	None	None	
333051	Police and Sheriff's Patrol Officers		190	\$40.82	\$84,895	HS Diploma	None	MT OJT	
333051	Police and Sheriff's Patrol Officers	210500	190	\$40.82	\$84,895	HS Diploma	None	MT OJT	Y
439199	Office and Administrative Support Workers, All Other		189	\$12.64	\$26,276	HS Diploma	None	ST OJT	
433071	Tellers		173	\$13.58	\$28,241	HS Diploma	None	ST OJT	
472073	Operating Engineers and Other Construction Equipment Operators		159	\$32.19	\$66,960	HS Diploma	None	MT OJT	
434151	Order Clerks		155	\$14.73	\$30,640	HS Diploma	None	ST OJT	
119051	Food Service Managers	130620	152	\$22.64	\$47,093	HS Diploma	<5 years	None	
119051	Food Service Managers	130700	152	\$22.64	\$47,093	HS Diploma	<5 years	None	
119051	Food Service Managers	130710	152	\$22.64	\$47,093	HS Diploma	<5 years	None	
119051	Food Service Managers	130720	152	\$22.64	\$47,093	HS Diploma	<5 years	None	
433021	Billing and Posting Clerks		151	\$16.13	\$33,547	HS Diploma	None	ST OJT	
491011	First-Line Supervisors of Mechanics, Installers, and Repairers	093440	151	\$33.78	\$70,269	HS Diploma	<5 years	None	
333012	Correctional Officers and Jailers		150	\$35.17	\$73,156	HS Diploma	None	MT OJT	
MT OJT- mor than 1 month and up to 12 months OJT and informal training							ST OJT- 1 month or less OJT		

Source: California Employment Development Department, Labor Market Information. California Community College Chancellor's Office; analysis by Cambridge West Partnership, LLC

Table __: Occupations Commonly Requiring a High School Diploma, 50 or More Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
119199	Managers, All Other	050500	143	\$51.95	\$108,049	HS Diploma	<5 years	None	Y
119199	Managers, All Other	050600		\$51.95	\$108,049	HS Diploma	<5 years	None	Y
119199	Managers, All Other	050640		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	160100		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	200100		\$51.95	\$108,049	HS Diploma	<5 years	None	Y
119199	Managers, All Other	200300		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	209900		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	220100		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	220200		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	220220		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	220400		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	220500		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	220600		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	220610		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	220700		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	220710		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	220800		\$51.95	\$108,049	HS Diploma	<5 years	None	Y
119199	Managers, All Other	221000		\$51.95	\$108,049	HS Diploma	<5 years	None	
119199	Managers, All Other	229900		\$51.95	\$108,049	HS Diploma	<5 years	None	
493031	Bus and Truck Mechanics and Diesel Engine Specialists	094700	142	\$21.12	\$43,918	HS Diploma	None	LT OJT	
472152	Plumbers, Pipefitters, and Steamfitters		141	\$22.30	\$46,397	HS Diploma	None	APP	
433011	Bill and Account Collectors		138	\$15.97	\$33,223	HS Diploma	None	MT OJT	
531021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand		135	\$23.88	\$49,674	HS Diploma	<5 years	None	
533022	Bus Drivers, School or Special Client		127	\$17.11	\$35,599	HS Diploma	None	ST OJT	
211093	Social and Human Service Assistants		126	\$15.12	\$31,444	HS Diploma	None	ST OJT	
434081	Hotel, Motel, and Resort Desk Clerks		126	\$10.80	\$22,479	HS Diploma	None	ST OJT	
LT OJT- more than 12 months OJT and formal classroom instruction				MT OJT- mor than 1 month and up to 12 months OJT and informal training		ST OJT- 1 month or less OJT			

Source: California Employment Development Department, Labor Market Information. California Community College Chancellor's Office; analysis by Cambridge West Partnership, LLC

Table __: Occupations Commonly Requiring a High School Diploma, 50 or More Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
514041	Machinists	095630	125	\$15.22	\$31,642	HS Diploma	None	LT OJT	
339099	Protective Service Workers, All Other		124	\$14.77	\$30,723	HS Diploma	None	ST OJT	
519061	Inspectors, Testers, Sorters, Samplers, and Weighers		120	\$16.25	\$33,797	HS Diploma	None	MT OJT	
435032	Dispatchers, Except Police, Fire, and Ambulance		119	\$18.67	\$38,832	HS Diploma	None	MT OJT	
499041	Industrial Machinery Mechanics		111	\$25.00	\$51,999	HS Diploma	None	LT OJT	
531031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators		110	\$24.79	\$51,554	HS Diploma	<5 years	None	
292052	Pharmacy Technicians		105	\$16.27	\$33,842	HS Diploma	None	MT OJT	
435061	Production, Planning, and Expediting Clerks		105	\$18.66	\$38,812	HS Diploma	None	MT OJT	
493093	Tire Repairers and Changers		103	\$12.70	\$26,412	HS Diploma	None	ST OJT	
519111	Packaging and Filling Machine Operators and Tenders		102	\$11.48	\$23,866	HS Diploma	None	MT OJT	
499052	Telecommunications Line Installers and Repairers		101	\$26.75	\$55,633	HS Diploma	None	LT OJT	
514121	Welders, Cutters, Solderers, and Brazers	095650	101	\$17.30	\$35,982	HS Diploma	None	MT OJT	Y
393011	Gaming Dealers		100	\$9.60	\$19,972	HS Diploma	None	ST OJT	
435052	Postal Service Mail Carriers		99	\$27.50	\$57,210	HS Diploma	None	ST OJT	
436011	Executive Secretaries and Executive Administrative Assistants	051400	98	\$24.90	\$51,793	HS Diploma	<5 years	None	
119141	Property, Real Estate, and Community Association Managers	051100		\$31.49	\$65,490	HS Diploma	<5 years	None	
119141	Property, Real Estate, and Community Association Managers	051110		\$31.49	\$65,490	HS Diploma	<5 years	None	
434061	Eligibility Interviewers, Government Programs		90	\$20.13	\$41,880	HS Diploma	None	MT OJT	
533031	Driver/Sales Workers		88	\$11.54	\$24,014	HS Diploma	None	ST OJT	
433051	Payroll and Timekeeping Clerks	050200	86	\$19.27	\$40,078	HS Diploma	None	MT OJT	
499099	Installation, Maintenance, and Repair Workers, All Other		86	\$16.86	\$35,073	HS Diploma	None	MT OJT	
131031	Claims Adjusters, Examiners, and Investigators	051200	84	\$30.55	\$63,536	HS Diploma	None	LT OJT	
371012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers		82	\$18.92	\$39,359	HS Diploma	<5 years	None	
413021	Insurance Sales Agents		82	\$18.77	\$39,034	HS Diploma	None	MT OJT	
519199	Production Workers, All Other		81	\$11.49	\$23,876	HS Diploma	None	MT OJT	
339092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers		79	\$10.98	\$22,843	HS Diploma	None	ST OJT	
472021	Brickmasons and Blockmasons		79	\$41.63	\$86,601	HS Diploma	None	Apprentice	
LT OJT- more than 12 months OJT and formal classroom instruction			MT OJT- mor than 1 month and up to 12 months OJT and informal training				ST OJT- 1 month or less OJT		

Source: California Employment Development Department, Labor Market Information. California Community College Chancellor's Office; analysis by Cambridge West Partnership, LLC

Table __: Occupations Commonly Requiring a High School Diploma, 50 or More Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC	
419022	Real Estate Sales Agents	051100	77	\$24.95	\$51,904	HS Diploma	None	LT OJT		
371011	First-Line Supervisors of Housekeeping and Janitorial Workers		73	\$16.53	\$34,381	HS Diploma	<5 years	None		
253021	Self-Enrichment Education Teachers		69	\$13.05	\$27,134	HS Diploma	<5 years	None		
411012	First-Line Supervisors of Non-Retail Sales Workers		66	\$26.27	\$54,646	HS Diploma	<5 years	None		
419011	Demonstrators and Product Promoters		66	\$11.21	\$23,312	HS Diploma	None	ST OJT		
434121	Library Assistants, Clerical		65	\$12.92	\$26,884	HS Diploma	None	ST OJT		
493042	Mobile Heavy Equipment Mechanics, Except Engines	094720	64	\$27.31	\$56,803	HS Diploma	None	LT OJT		
533099	Motor Vehicle Operators, All Other		64	\$10.61	\$22,063	HS Diploma	None	ST OJT		
351011	Chefs and Head Cooks	130630	62	\$12.82	\$26,662	HS Diploma	≥5 years	None		
391021	First-Line Supervisors of Personal Service Workers		62	\$17.95	\$37,323	HS Diploma	<5 years	None		
472211	Sheet Metal Workers	095640	61	\$22.70	\$47,217	HS Diploma	None	APP		
372021	Pest Control Workers		59	\$13.72	\$28,537	HS Diploma	None	MT OJT		
113071	Transportation, Storage, and Distribution Managers	050500	58	\$39.11	\$81,359	HS Diploma	≥5 years	None	Y	
113071	Transportation, Storage, and Distribution Managers	050600		\$39.11	\$81,359	HS Diploma	≥5 years	None	Y	
113071	Transportation, Storage, and Distribution Managers	302000		\$39.11	\$81,359	HS Diploma	≥5 years	None		
113071	Transportation, Storage, and Distribution Managers	302010		\$39.11	\$81,359	HS Diploma	≥5 years	None		
439041	Insurance Claims and Policy Processing Clerks		58	\$17.71	\$36,837	HS Diploma	None	MT OJT		
499051	Electrical Power-Line Installers and Repairers		58	\$49.52	\$102,991	HS Diploma	None	LT OJT		
131023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	050900	57	\$25.50	\$53,037	HS Diploma	None	LT OJT		
119013	Farmers, Ranchers, and Other Agricultural Managers	010200	56	\$51.45	\$107,001	HS Diploma	≥5 years	None		
119013	Farmers, Ranchers, and Other Agricultural Managers	010220		\$51.45	\$107,001	HS Diploma	≥5 years	None		
119013	Farmers, Ranchers, and Other Agricultural Managers	010230		\$51.45	\$107,001	HS Diploma	≥5 years	None		
119013	Farmers, Ranchers, and Other Agricultural Managers	010240		\$51.45	\$107,001	HS Diploma	≥5 years	None		
119013	Farmers, Ranchers, and Other Agricultural Managers	010300		\$51.45	\$107,001	HS Diploma	≥5 years	None		
119013	Farmers, Ranchers, and Other Agricultural Managers	010310		\$51.45	\$107,001	HS Diploma	≥5 years	None		
119013	Farmers, Ranchers, and Other Agricultural Managers	010900		\$51.45	\$107,001	HS Diploma	≥5 years	None		
119013	Farmers, Ranchers, and Other Agricultural Managers	010930		\$51.45	\$107,001	HS Diploma	≥5 years	None		
119013	Farmers, Ranchers, and Other Agricultural Managers	011200		\$51.45	\$107,001	HS Diploma	≥5 years	None		
LT OJT- more than 12 months OJT and formal classroom instruction			MT OJT- mor than 1 month and up to 12 months OJT and informal training				ST OJT- 1 month or less OJT			

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Table __: Occupations Commonly Requiring a High School Diploma, 50 or More Projected Annual Openings 2012-2022

SOC	Occupational Title	TOP v 6	Average Annual Total Jobs	2014Q1 Median Hourly	2014 Q1 Median Annual	Ed Level	Work Experience	On-the-Job Training	PVC
435111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping		55	\$12.69	\$26,398	HS Diploma	None	ST OJT	
131022	Wholesale and Retail Buyers, Except Farm Products	050900	53	\$24.03	\$49,994	HS Diploma	None	LT OJT	
131022	Wholesale and Retail Buyers, Except Farm Products	050960		\$24.03	\$49,994	HS Diploma	None	LT OJT	
419021	Real Estate Brokers	051100	53			HS Diploma	<5 years	None	
493021	Automotive Body and Related Repairers		53	\$15.88	\$33,028	HS Diploma	None	MT OJT	
499098	Helpers--Installation, Maintenance, and Repair Workers		53	\$13.42	\$27,928	HS Diploma	None	MT OJT	
292099	Health Technologists and Technicians, All Other		51	\$19.13	\$39,781	HS Diploma	None	None	
271026	Merchandise Displayers and Window Trimmers		50	\$14.06	\$29,249	HS Diploma	None	MT OJT	
LT OJT- more than 12 months OJT and formal classroom instruction								MT OJT- mor than 1 month and up to 12 months OJT and informal training	ST OJT- 1 month or less OJT

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