















**Ventura County Regional Planning Unit (RPU)
Occupational Employment Data Growth Projections
WDB CLEAN/GREEN COMMITTEE**

Working Document

U.S. D.O.L. SOC Code*	Occupations	2016 VENTURA COUNTY Median Annual Wages***	2012 VENTURA COUNTY Average Annual Employment	2022 VENTURA COUNTY Employment Growth Projection %	2012 VENTURA COUNTY Average Annual Job Openings****	2012 VENTURA COUNTY Average Annual Job Replacement Openings	2012 CALIFORNIA Average Annual Employment	2022 CALIFORNIA Employment Growth Projection %	2012 CALIFORNIA Average Annual Job Openings****	2014 Education and Training Level**	U.S. D.O.L. Green Jobs in Demand
45-2000	Agricultural Workers	-	18,670	16.4	858	551	308,300	11.6	12,700	Less Than H.S.	
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$28,728	4,860	18.0	238	150	270,500	19.1	13,560	Less Than H.S.	
43-4051	Customer Service Representatives	\$38,631	3,610	19.9	170	98	195,300	16.4	8,520	H.S. Diploma + OJT	
13-1199	Business Operations Specialists, All Other	\$78,931	3,100	7.4	65	42	135,700	14.2	3,790	H.S. Diploma + OJT	
49-9071	Maintenance and Repair Workers, General	\$42,325	2,240	12.5	71	43	116,600	12.1	3,650	H.S. Diploma + OJT	
51-2092	Team Assemblers	\$30,459	2,220	12.6	64	35	78,700	3.9	1,550	H.S. Diploma + OJT	
43-5071	Shipping, Receiving, and Traffic Clerks	\$33,832	2,030	12.3	78	53	87,500	8.3	3,030	H.S. Diploma + OJT	
47-2061	Construction Laborers	\$46,337	1,820	33.0	99	39	108,800	29.2	5,510	Less Than H.S.	
13-1111	Management Analysts	\$95,131	1,680	21.4	62	26	95,200	31.6	4,490	Bachelor's Degree	
53-7064	Packers and Packagers, Hand	\$25,285	1,650	16.4	69	43	93,000	11.2	3,480	Less Than H.S.	
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$38,809	1,410	7.8	41	31	48,200	8.3	1,460	H.S. Diploma + OJT	
11-3031	Financial Managers	\$131,766	1,340	14.9	45	25	74,200	13.6	2,400	Bachelor's Degree	
51-2099	Assemblers and Fabricators	\$27,152	1,250	36.0	66	20	22,800	9.2	570	H.S. Diploma + OJT	
53-7051	Industrial Truck and Tractor Operators	\$35,075	1,160	11.2	40	27	55,300	7.6	1,690	Less Than H.S.	
51-2022	Electrical and Electronic Equipment Assemblers	\$31,858	1,120	-5.4	14	14	28,600	0.7	370	H.S. Diploma + OJT	
51-9198	Helpers--Production Workers	\$25,611	1,090	7.3	27	19	43,600	9.2	1,150	Less Than H.S.	
47-2111	Electricians	\$52,527	1,060	24.5	45	20	48,700	22.2	2,000	H.S. Diploma + OJT	
51-4041	Machinists	\$43,035	980	17.3	39	22	34,000	15.3	1,300	H.S. Diploma + OJT	
45-2091	Agricultural Equipment Operators	\$26,284	900	32.2	56	27	14,100	12.8	610	Less Than H.S.	
13-2099	Financial Specialists, All Other	\$66,681	860	10.5	19	9	20,500	11.7	460	Bachelor's Degree	
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	\$82,216	810	25.9	29	9	46,800	28.4	1,840	H.S. Diploma + OJT	
11-9021	Construction Managers	\$125,371	800	15.0	25	13	52,300	18.4	1,780	Associate's Degree	

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17-3023	Electrical and Electronics Engineering Technicians	\$73,530	780	-3.8	16	16	20,700	1.9	470	Associate's Degree	
17-2141	Mechanical Engineers	\$96,154	770	0.1	37	26	23,500	4.7	910	Bachelor's Degree	
13-1081	Logisticians	\$91,109	680	8.8	14	8	13,700	32.1	590	Bachelor's Degree	
43-5061	Production, Planning, and Expediting Clerks	\$51,444	670	6.0	21	17	38,900	9.5	1,350	H.S. Diploma + OJT	
17-2071	Electrical Engineers	\$110,367	650	-1.5	14	14	23,800	4.6	620	Bachelor's Degree	
47-2073	Operating Engineers and Other Construction Equipment Operators	\$64,592	610	31.1	33	14	22,100	22.2	990	H.S. Diploma + OJT	
11-3051	Industrial Production Managers	\$98,948	580	13.8	18	10	19,200	0.5	360	Bachelor's Degree	
11-9041	Architectural and Engineering Managers	\$150,299	580	8.6	19	14	32,300	11.1	1,160	Bachelor's Degree	
13-2051	Financial Analysts	\$78,358	560	3.6	16	14	32,100	23.1	1,520	Bachelor's Degree	
47-2152	Plumbers, Pipefitters, and Steamfitters	\$51,023	520	25.0	19	6	34,100	24.3	1,250	H.S. Diploma + OJT	
51-4121	Welders, Cutters, Solderers, and Brazers	\$36,747	500	10.0	18	12	24,700	6.5	770	H.S. Diploma + OJT	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$51,356	490	20.4	22	12	20,000	23.0	970	Vocational / OJT	
17-2112	Industrial Engineers	\$89,833	440	4.5	16	13	23,100	8.2	860	Bachelor's Degree	
53-7081	Refuse and Recyclable Material Collectors	\$49,877	440	27.3	21	9	15,400	16.9	580	Less Than H.S.	
17-2051	Civil Engineers	\$108,054	420	11.9	15	10	39,300	18.3	1,670	Bachelor's Degree	
19-2041	Environmental Scientists and Specialists, Including Health	\$80,683	410	34.1	26	12	14,900	29.5	880	Bachelor's Degree	
13-1151	Training and Development Specialists	\$63,642	370	10.8	11	7	21,100	23.7	890	Bachelor's Degree	
53-3021	Bus Drivers, Transit and Intercity	\$29,401	360	-5.6	7	7	23,300	13.3	740	H.S. Diploma + OJT	
49-9098	Helpers--Installation, Maintenance, and Repair Workers	\$31,028	340	11.8	14	10	14,300	14.7	640	H.S. Diploma + OJT	
13-1022	Wholesale and Retail Buyers, Farm Products	\$55,343	330	21.2	14	8	17,600	15.9	720	H.S. Diploma + OJT	
47-2181	Roofers	\$42,760	310	41.9	20	6	16,400	25.6	770	Less Than H.S.	



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11-2021	Marketing Managers	\$143,351	300	10.0	10	6	30,300	21.8	1,310	Bachelor's Degree	
17-3029	Engineering Technicians, Except Drafters, All Other	\$76,614	280	-3.6	6	6	8,700	6.9	240	Associate's Degree	
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$47,669	280	14.3	12	8	8,600	16.3	380	H.S. Diploma + OJT	
11-3071	Transportation, Storage, and Distribution Managers	\$105,845	250	20.0	10	6	12,700	12.6	460	H.S. Diploma + OJT	
17-2081	Environmental Engineers	\$92,694	230	26.1	12	6	7,300	24.7	360	Bachelor's Degree	
51-2023	Electromechanical Equipment Assemblers	\$34,481	220	13.6	6	3	6,900	-7.2	80	H.S. Diploma + OJT	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$49,637	190	15.8	7	4	6,500	9.2	190	Vocational / OJT	
53-6099	Transportation Workers, All Other	\$33,628	190	10.5	10	7	6,300	19.0	370	H.S. Diploma + OJT	
27-1021	Commercial and Industrial Designers	\$62,665	180	11.1	7	5	4,800	10.4	170	Bachelor's Degree	
27-3031	Public Relations Specialists	\$64,999	170	11.8	4	2	22,800	13.2	610	Bachelor's Degree	
47-4011	Construction and Building Inspectors	\$73,160	160	12.5	6	4	9,200	14.1	340	H.S. Diploma + OJT	
17-3011	Architectural and Civil Drafters	\$60,596	150	-6.7	2	2	12,200	-0.8	160	Associate's Degree	
19-4093	Forest and Conservation Technicians	-	120	-8.3	5	5	7,400	-1.4	290	Associate's Degree	
19-3051	Urban and Regional Planners	\$83,919	110	9.1	6	5	7,100	18.3	450	Master's Degree	
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	\$25,835	110	-9.1	2	2	5,500	-7.3	90	H.S. Diploma + OJT	
17-3027	Mechanical Engineering Technicians	\$37,587	100	-10.0	2	2	5,300	3.8	130	Associate's Degree	
19-2042	Geoscientists, Except Hydrologists and Geographers	\$107,942	100	40.0	7	3	5,800	22.4	310	Bachelor's Degree	
19-4091	Environmental Science and Protection Technicians, Including Health	\$48,209	100	40.0	8	4	3,800	26.3	250	Associate's Degree	
17-3013	Mechanical Drafters	\$53,555	90	0.0	1	1	4,100	-7.3	50	Associate's Degree	
17-3022	Civil Engineering Technicians	\$64,532	90	0.0	2	2	6,300	3.2	150	Associate's Degree	
49-9043	Maintenance Workers, Machinery	\$49,667	90	11.1	2	1	7,000	14.3	190	H.S. Diploma + OJT	



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17-3012	Electrical and Electronics Drafters	\$68,255	80	0.0	1	1	4,500	11.1	120	Associate's Degree	
17-3025	Environmental Engineering Technicians	\$50,583	80	37.5	4	2	1,800	27.8	90	Associate's Degree	
19-4011	Agricultural and Food Science Technicians	-	80	12.5	4	3	3,600	16.7	200	Associate's Degree	
19-4031	Chemical Technicians	\$45,672	70	28.6	4	2	5,000	16.0	200	Associate's Degree	
45-4011	Forest and Conservation Workers	-	70	28.6	2	1	2,000	10.0	60	H.S. Diploma + OJT	
17-3026	Industrial Engineering Technicians	\$54,539	60	0.0	1	1	4,200	2.4	90	Associate's Degree	
47-4041	Hazardous Materials Removal Workers	\$41,510	60	50.0	4	1	4,500	15.6	170	H.S. Diploma + OJT	
51-8021	Stationary Engineers and Boiler Operators	\$72,483	60	0.0	2	2	3,800	7.9	150	H.S. Diploma + OJT	
11-3131	Training and Development Managers	\$149,235	50	20.0	2	1	2,700	18.5	120	Bachelor's Degree	
37-3011	Landscaping and Groundskeeping Workers	\$29,144	50	20.0	2	1	137,600	13.8	5,360	Less Than H.S.	
51-2031	Engine and Other Machine Assemblers	-	50	60.0	4	1	1,300	0.0	20	H.S. Diploma + OJT	
11-9199	<i>Managers, All Other</i>	\$125,565	-	-	-	-	88,800	14.1	3,190	H.S. Diploma + OJT	
41-3031	<i>Securities, Commodities, and Financial Services Sales Agents</i>	\$76,077	-	-	-	-	45,400	7.9	1,430	Bachelor's Degree	
19-2031	<i>Chemists</i>	\$71,826	-	-	-	-	13,600	15.4	560	Bachelor's Degree	
11-9121*	<i>Natural Sciences Managers</i>	-	-	-	-	-	9,300	18.3	360	Bachelor's Degree	
29-9011	<i>Occupational Health and Safety Specialists</i>	\$84,538	-	-	-	-	7,200	23.6	360	Bachelor's Degree	
51-8013	<i>Power Plant Operators</i>	-	-	-	-	-	4,300	7.0	160	H.S. Diploma + OJT	
47-3013	<i>Helpers--Electricians</i>	\$26,955	-	-	-	-	4,200	35.7	210	H.S. Diploma + OJT	
17-1022	<i>Surveyors</i>	\$76,838	-	-	-	-	4,000	7.5	120	Bachelor's Degree	
17-1012	<i>Landscape Architects</i>	-	-	-	-	-	3,200	12.5	120	Bachelor's Degree	
47-3011	<i>Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters</i>	\$32,769	-	-	-	-	2,900	58.6	210	Less Than H.S.	
17-3024	<i>Electro-Mechanical Technicians</i>	\$78,075	-	-	-	-	2,800	7.1	70	Associate's Degree	



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47-3015	<i>Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters</i>	\$37,037	-	-	-	-	2,800	28.6	120	H.S. Diploma + OJT	
25-1032	<i>Engineering Teachers, Postsecondary</i>	-	-	-	-	-	2,700	11.1	70	Doctoral Degree	
51-9011	<i>Chemical Equipment Operators and Tenders</i>	-	-	-	-	-	2,700	7.4	110	H.S. Diploma + OJT	
17-2131	<i>Materials Engineers</i>	\$90,270	-	-	-	-	2,700	3.7	100	Bachelor's Degree	
47-3014	<i>Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons</i>	\$25,926	-	-	-	-	2,600	23.1	110	Less Than H.S.	
45-2011	<i>Agricultural Inspectors</i>	\$50,870	-	-	-	-	2,100	4.8	80	Bachelor's Degree	
19-1013	<i>Soil and Plant Scientists</i>	\$87,896	-	-	-	-	2,000	35.0	140	Bachelor's Degree	
47-3012	<i>Helpers--Carpenters</i>	\$30,614	-	-	-	-	2,000	40.0	110	Less Than H.S.	
47-3019	<i>Helpers, Construction Trades, All Other</i>	\$24,210	-	-	-	-	1,700	29.4	80	Less Than H.S.	
49-2095	<i>Electrical and Electronics Repairers, Powerhouse, Substation, and Relay</i>	\$90,829	-	-	-	-	1,600	12.5	50	Vocational / OJT	
49-2092	<i>Electric Motor, Power Tool, and Related Repairers</i>	-	-	-	-	-	1,400	0.0	30	Vocational / OJT	
47-3016	<i>Helpers--Roofers</i>	-	-	-	-	-	1,300	-7.7	30	Less Than H.S.	
19-2032	<i>Materials Scientists</i>	\$89,164	-	-	-	-	1,300	15.4	60	Bachelor's Degree	

*2010 Standard Occupational Classifications and Occupational Information Network provided by the Department of Labor

**Occupational training and education classifications were developed by the Bureau of Labor Statistics (BLS).

***Median Annual Wages are the estimated 50th 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 2016-1st quarter and do not include self-employed or unpaid family workers.

****Average Annual Job Openings includes new jobs and replacement jobs.

— No data available. Data has been removed from the California or Ventura County listings.

Data Source: State of California Employment Development Department - Labor Market Information Division



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Additional Information:

Living Wage in Ventura County as of December 2013 (California Budget Project)

- \$34,109.00 Single Adult
- \$79,549.00 Single-Parent Family*
- \$64,203.00 Two-Parent Family* (one working)
- \$85,713.00 Two-Working-Parent Family*

*All family types are assumed to have two children.

Priority Occupations Identified by Living Wages & Employment Growth
Infrastructure Jobs
Removed from the 2012-2022 Occupational Employment Projections for Ventura County