

**Occupational Employment Projections
Fresno County
2008-2018**

Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2010-1st Quarter Wages		Education and Training Levels [7]
	2008	2018	Numerical [1]	Percent	New Jobs [2]	Replace-ment Needs [3]	Total Jobs [4]	Median Hourly [5]	Median Annual [5]	
Total, All Occupations	390,500	410,100	19,600	5.0	2,393	9,009	11,402	\$14.56	\$30,276	
Management Occupations	26,200	26,800	600	2.3	85	510	595	\$39.64	\$82,450	
Top Executives	5,330	5,130	-200	-3.8	0	154	154	N/A	N/A	
Chief Executives	870	810	-60	-6.9	0	24	24	\$68.38	\$142,223	4
General and Operations Managers	4,360	4,210	-150	-3.4	0	126	126	\$43.19	\$89,818	4
Legislators	110	100	-10	-9.1	0	3	3	N/A	\$35,680	4
Advertising, Marketing, Promotions, Public Relations, and Sales Managers	1,560	1,740	180	11.5	18	34	52	N/A	N/A	
Advertising and Promotions Managers	70	70	0	0.0	0	2	2	\$31.55	\$65,612	4
Marketing Managers	320	340	20	6.3	3	7	10	\$43.50	\$90,474	4
Sales Managers	1,080	1,230	150	13.9	15	23	38	\$35.18	\$73,185	4
Public Relations Managers	90	100	10	11.1	1	2	3	\$38.37	\$79,824	4
Operations Specialties Managers	2,700	2,820	120	4.4	14	59	73	N/A	N/A	
Administrative Services Managers	430	460	30	7.0	3	9	12	\$28.24	\$58,729	4
Computer and Information Systems Managers	250	290	40	16.0	3	4	7	\$42.38	\$88,155	4
Financial Managers	1,070	1,120	50	4.7	5	19	24	\$43.89	\$91,277	4
Compensation and Benefits Managers	70	70	0	0.0	0	1	1	\$36.64	\$76,202	4
Training and Development Managers	50	60	10	20.0	1	1	2	\$39.33	\$81,796	4
Human Resources Managers, All Other	170	180	10	5.9	1	4	5	\$48.71	\$101,318	4
Industrial Production Managers	320	320	0	0.0	0	11	11	\$39.08	\$81,293	5
Purchasing Managers	80	90	10	12.5	0	2	2	\$39.24	\$81,620	4
Transportation, Storage, and Distribution Managers	250	240	-10	-4.0	0	7	7	\$36.50	\$75,921	8
Other Management Occupations	16,600	17,110	510	3.1	54	263	317	N/A	N/A	
Farm, Ranch, and Other Agricultural Managers	3,790	3,990	200	5.3	20	77	97	\$30.24	\$62,901	4
Farmers and Ranchers	5,760	5,820	60	1.0	7	35	42	N/A	N/A	9
Construction Managers	910	950	40	4.4	4	7	11	\$41.27	\$85,844	5
Education Administrators, Preschool and Child Care Center/Program	200	210	10	5.0	0	6	6	\$22.22	\$46,218	4
Education Administrators, Elementary and Secondary School	760	770	10	1.3	0	23	23	N/A	\$88,533	4
Education Administrators, Postsecondary	410	390	-20	-4.9	0	12	12	\$47.30	\$98,370	4
Education Administrators, All Other	110	130	20	18.2	2	3	5	\$40.08	\$83,354	4
Engineering Managers	190	200	10	5.3	1	4	5	\$45.33	\$94,272	4
Food Service Managers	840	850	10	1.2	2	16	18	\$22.25	\$46,271	8
Lodging Managers	110	120	10	9.1	1	2	3	\$20.37	\$42,373	8
Medical and Health Services Managers	740	800	60	8.1	6	14	20	\$40.48	\$84,210	4
Natural Sciences Managers	70	80	10	14.3	0	2	2	\$43.75	\$91,006	4
Property, Real Estate, and Community Association Managers	930	970	40	4.3	4	16	20	\$14.65	\$30,486	5
Social and Community Service Managers	300	320	20	6.7	2	7	9	\$22.91	\$47,641	5
Managers, All Other	1,420	1,460	40	2.8	4	37	41	\$43.94	\$91,392	8
Business and Financial Operations Occupations	14,230	15,700	1,470	10.3	152	306	458	\$25.80	\$53,660	
Business Operations Specialists	8,490	9,360	870	10.2	88	185	273	N/A	N/A	
Purchasing Agents and Buyers, Farm Products	60	60	0	0.0	0	1	1	\$31.01	\$64,493	8
Wholesale and Retail Buyers, Except Farm Products	200	200	0	0.0	0	5	5	\$22.01	\$45,794	5
Purchasing Agents, Except Wholesale, Retail, and Farm Products	420	480	60	14.3	6	11	17	\$22.99	\$47,826	5
Claims Adjusters, Examiners, and Investigators	770	820	50	6.5	5	20	25	\$29.12	\$60,567	9
Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	590	730	140	23.7	14	6	20	\$24.73	\$51,432	9
Cost Estimators	640	740	100	15.6	10	14	24	\$25.05	\$52,110	5
Employment, Recruitment, and Placement Specialists	310	360	50	16.1	5	8	13	\$22.87	\$47,572	5

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Compensation, Benefits, and Job Analysis Specialists	220	260	40	18.2	4	6	10	\$25.42	\$52,862	5
Training and Development Specialists	280	330	50	17.9	5	7	12	\$31.40	\$65,311	5
Human Resources, Training, and Labor Relations Specialists, All Other	380	430	50	13.2	5	10	15	\$29.15	\$60,648	5
Logisticians	50	70	20	40.0	1	1	2	\$30.14	\$62,676	5
Management Analysts	1,180	1,270	90	7.6	9	20	29	\$35.20	\$73,231	4
Business Operations Specialists, All Other	3,290	3,520	230	7.0	23	73	96	\$23.90	\$49,709	5
Financial Specialists	5,740	6,340	600	10.5	64	121	185	N/A	N/A	
Accountants and Auditors	2,060	2,300	240	11.7	24	35	59	\$29.26	\$60,870	5
Appraisers and Assessors of Real Estate	110	110	0	0.0	0	2	2	\$20.12	\$41,848	7
Budget Analysts	230	240	10	4.3	1	4	5	\$24.30	\$50,535	5
Credit Analysts	140	180	40	28.6	4	3	7	\$28.44	\$59,150	5
Financial Analysts	130	160	30	23.1	2	2	4	\$36.63	\$76,190	5
Personal Financial Advisors	320	380	60	18.8	6	4	10	\$25.12	\$52,245	5
Insurance Underwriters	210	230	20	9.5	1	6	7	\$33.09	\$68,838	5
Loan Officers	530	580	50	9.4	5	6	11	\$31.62	\$65,771	5
Tax Examiners, Collectors, and Revenue Agents	1,390	1,560	170	12.2	17	49	66	N/A	N/A	5
Tax Preparers	230	190	-40	-17.4	0	4	4	\$11.32	\$23,541	10
Financial Specialists, All Other	350	370	20	5.7	2	6	8	\$29.60	\$61,565	5
Computer and Mathematical Occupations	2,760	3,140	380	13.8	40	55	95	\$30.08	\$62,565	
Computer Specialists	2,730	3,100	370	13.6	39	54	93	N/A	N/A	
Computer Programmers	240	220	-20	-8.3	0	5	5	\$31.79	\$66,122	5
Computer Software Engineers, Applications	330	390	60	18.2	7	3	10	\$37.91	\$78,838	5
Computer Software Engineers, Systems Software	80	100	20	25.0	2	1	3	\$36.21	\$75,325	5
Computer Support Specialists	630	680	50	7.9	5	17	22	\$20.33	\$42,291	6
Computer Systems Analysts	470	520	50	10.6	5	10	15	\$29.52	\$61,414	5
Database Administrators	80	100	20	25.0	2	1	3	\$30.77	\$63,999	5
Network and Computer Systems Administrators	360	420	60	16.7	7	6	13	\$33.25	\$69,160	5
Network Systems and Data Communications Analysts	250	360	110	44.0	11	5	16	\$31.80	\$66,158	5
Computer Specialists, All Other	300	310	10	3.3	1	6	7	\$33.58	\$69,832	6
Architecture and Engineering Occupations	3,620	3,770	150	4.1	20	73	93	\$35.44	\$73,718	
Architects, Surveyors, and Cartographers	510	500	-10	-2.0	0	10	10	N/A	N/A	
Architects, Except Landscape and Naval Landscape Architects	330	320	-10	-3.0	0	6	6	\$41.20	\$85,687	5
Surveyors	50	50	0	0.0	0	1	1	N/A	N/A	5
Engineers	1,200	1,200	0	0.0	0	3	3	\$35.45	\$73,737	5
Civil Engineers	1,860	2,000	140	7.5	14	38	52	N/A	N/A	
Electrical Engineers	850	890	40	4.7	4	14	18	\$44.43	\$92,416	5
Electronics Engineers	80	90	10	12.5	1	2	3	\$45.65	\$94,952	5
Electronics Engineers, Except Computer	170	180	10	5.9	2	4	6	\$38.79	\$80,698	5
Environmental Engineers	90	100	10	11.1	1	2	3	\$34.56	\$71,887	5
Industrial Engineers	70	90	20	28.6	1	2	3	\$36.96	\$76,872	5
Mechanical Engineers	190	200	10	5.3	1	5	6	\$35.46	\$73,772	5
Engineers, All Other	170	190	20	11.8	1	4	5	\$34.85	\$72,496	5
Drafters, Engineering, and Mapping Technicians	1,250	1,270	20	1.6	6	25	31	N/A	N/A	
Architectural and Civil Drafters	340	310	-30	-8.8	0	7	7	\$21.84	\$45,443	7
Mechanical Drafters	100	100	0	0.0	0	2	2	\$18.81	\$39,116	7
Civil Engineering Technicians	230	230	0	0.0	0	4	4	\$29.81	\$62,015	6
Electrical and Electronic Engineering Technicians	200	230	30	15.0	3	4	7	\$29.59	\$61,545	6
Engineering Technicians, Except Drafters, All Other	120	120	0	0.0	1	2	3	\$30.83	\$64,133	6
Surveying and Mapping Technicians	100	100	0	0.0	1	2	3	\$24.38	\$50,696	10
Life, Physical, and Social Science Occupations	3,180	3,400	220	6.9	25	98	123	\$24.76	\$51,501	
Life Scientists	390	470	80	20.5	8	10	18	N/A	N/A	

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Soil and Plant Scientists	50	60	10	20.0	0	2	2	\$31.90	\$66,358	5
Physical Scientists	480	510	30	6.3	4	14	18	N/A	N/A	
Chemists	110	100	-10	-9.1	0	4	4	\$22.01	\$45,772	5
Environmental Scientists and Specialists, Including Health	260	300	40	15.4	4	8	12	\$29.42	\$61,199	5
Geoscientists, Except Hydrologists and Geographers	50	60	10	20.0	0	2	2	\$46.84	\$97,418	3
Social Scientists and Related Workers	1,300	1,400	100	7.7	10	37	47	N/A	N/A	
Market Research Analysts	320	380	60	18.8	6	9	15	\$20.77	\$43,213	3
Survey Researchers	50	60	10	20.0	1	1	2	\$33.89	\$70,501	3
Clinical, Counseling, and School Psychologists	660	670	10	1.5	0	19	19	\$28.20	\$58,649	2
Urban and Regional Planners	150	160	10	6.7	1	3	4	\$32.73	\$68,073	3
Anthropologists and Archeologists	60	70	10	16.7	1	3	4	\$18.19	\$37,841	3
Life, Physical, and Social Science Technicians	1,010	1,030	20	2.0	3	37	40	N/A	N/A	
Agricultural and Food Science Technicians	130	130	0	0.0	0	5	5	\$18.31	\$38,082	6
Biological Technicians	110	110	0	0.0	0	4	4	\$14.92	\$31,046	6
Chemical Technicians	160	160	0	0.0	0	3	3	\$14.27	\$29,678	6
Forest and Conservation Technicians	200	210	10	5.0	0	9	9	\$14.92	\$31,047	6
Life, Physical, and Social Science Technicians, All Other	110	110	0	0.0	0	5	5	\$15.65	\$32,539	6
Community and Social Services Occupations	4,680	5,040	360	7.7	36	101	137	\$20.49	\$42,623	
Counselors, Social Workers, and Other										
Community and Social Service Specialists	4,460	4,820	360	8.1	35	97	132	N/A	N/A	
Substance Abuse and Behavioral Disorder Counselors	180	190	10	5.6	1	4	5	\$15.43	\$32,098	3
Educational, Vocational, and School Counselors	960	1,020	60	6.3	6	20	26	\$31.87	\$66,289	3
Marriage and Family Therapists	80	80	0	0.0	0	2	2	\$22.21	\$46,196	3
Rehabilitation Counselors	90	100	10	11.1	1	2	3	\$12.07	\$25,093	3
Child, Family, and School Social Workers	370	390	20	5.4	2	9	11	\$20.89	\$43,448	5
Medical and Public Health Social Workers	250	300	50	20.0	4	6	10	\$22.98	\$47,815	5
Mental Health and Substance Abuse Social Workers	150	160	10	6.7	1	4	5	\$25.77	\$53,602	3
Health Educators	130	140	10	7.7	1	3	4	\$20.69	\$43,051	3
Probation Officers and Correctional Treatment Specialists	200	220	20	10.0	2	4	6	N/A	N/A	5
Social and Human Service Assistants	940	1,060	120	12.8	12	20	32	\$15.27	\$31,746	10
Community and Social Service Specialists, All Other	450	480	30	6.7	3	10	13	\$19.01	\$39,528	5
Religious Workers	220	230	10	4.5	1	4	5	N/A	N/A	
Clergy	110	110	0	0.0	0	2	2	\$25.57	\$53,173	5
Directors, Religious Activities and Education	90	90	0	0.0	0	2	2	\$21.85	\$45,455	5
Legal Occupations	2,420	2,430	10	0.4	7	40	47	\$35.52	\$73,887	
Lawyers, Judges, and Related Workers	1,510	1,460	-50	-3.3	0	28	28	N/A	N/A	
Lawyers	1,300	1,260	-40	-3.1	0	24	24	\$51.77	\$107,672	1
Administrative Law Judges, Adjudicators, and Hearing Officers	50	50	0	0.0	0	1	1	N/A	N/A	4
Arbitrators, Mediators, and Conciliators	90	90	0	0.0	0	2	2	\$17.36	\$36,113	4
Judges, Magistrate Judges, and Magistrates	70	60	-10	-14.3	0	1	1	N/A	N/A	4
Legal Support Workers	900	970	70	7.8	7	12	19	N/A	N/A	
Paralegals and Legal Assistants	490	530	40	8.2	4	6	10	\$22.67	\$47,163	6
Law Clerks	180	200	20	11.1	2	3	5	\$10.70	\$22,275	5
Legal Support Workers, All Other	210	220	10	4.8	1	3	4	\$23.21	\$48,268	5
Education, Training, and Library Occupations	29,000	30,610	1,610	5.6	162	637	799	\$25.64	\$53,331	
Postsecondary Teachers	4,700	5,000	300	6.4	31	82	113	N/A	N/A	
Business Teachers, Postsecondary	160	170	10	6.3	1	3	4	[6]	\$101,237	3
Mathematical Science Teachers, Postsecondary	150	160	10	6.7	1	3	4	[6]	\$101,578	3

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Biological Science Teachers, Postsecondary	80	90	10	12.5	1	1	2	[6]	\$96,639	2
Psychology Teachers, Postsecondary	80	90	10	12.5	1	1	2	[6]	\$99,504	2
Education Teachers, Postsecondary	170	180	10	5.9	1	3	4	[6]	\$96,962	2
Criminal Justice and Law Enforcement Teachers, Postsecondary [7]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	[6]	N/A	2
Law Teachers, Postsecondary [7]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	[6]	N/A	1
Graduate Teaching Assistants [7]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	[6]	\$28,057	5
Art, Drama, and Music Teachers, Postsecondary	140	150	10	7.1	1	3	3	[6]	\$101,430	3
Communications Teachers, Postsecondary	80	80	0	0.0	1	1	2	[6]	\$98,734	2
English Language and Literature Teachers, Postsecondary	170	190	20	11.8	1	3	4	[6]	\$98,614	3
Foreign Language and Literature Teachers, Postsecondary	70	80	10	14.3	1	1	2	[6]	\$100,692	3
Recreation and Fitness Studies Teachers, Postsecondary	90	100	10	11.1	1	2	3	[6]	\$88,070	3
Vocational Education Teachers, Postsecondary	470	500	30	6.4	3	8	11	\$33.73	\$70,166	7
Postsecondary Teachers, All Other	1,730	1,840	110	6.4	11	30	41	[6]	\$76,048	3
Primary, Secondary, and Special Education School Teachers	14,470	15,260	790	5.5	78	353	431	N/A	N/A	
Preschool Teachers, Except Special Education	970	1,050	80	8.2	9	19	28	\$10.49	\$21,830	7
Kindergarten Teachers, Except Special Education	740	790	50	6.8	5	15	20	[6]	\$62,877	5
Elementary School Teachers, Except Special Education	5,710	6,120	410	7.2	42	130	172	[6]	\$61,838	5
Middle School Teachers, Except Special and Vocational Education	2,290	2,440	150	6.6	16	52	68	[6]	\$57,633	5
Secondary School Teachers, Except Special and Vocational Education	3,970	4,000	30	0.8	3	115	118	[6]	\$57,136	5
Vocational Education Teachers, Secondary School	230	230	0	0.0	1	7	8	[6]	\$57,798	5
Special Education Teachers, Preschool, Kindergarten, and Elementary School	200	210	10	5.0	1	5	6	[6]	\$61,067	5
Special Education Teachers, Middle School	180	200	20	11.1	2	5	7	[6]	\$55,444	5
Special Education Teachers, Secondary School	190	200	10	5.3	1	5	6	[6]	\$60,822	5
Other Teachers and Instructors	3,520	3,780	260	7.4	26	54	80	N/A	N/A	
Adult Literacy, Remedial Education, and GED Teachers and Instructors	410	440	30	7.3	3	6	9	\$43.77	\$91,037	5
Self-Enrichment Education Teachers	300	370	70	23.3	7	5	12	\$15.16	\$31,548	8
Teachers and Instructors, All Other	2,810	2,980	170	6.0	16	43	59	N/A	\$43,050	5
Librarians, Curators, and Archivists	800	810	10	1.2	2	31	33	N/A	N/A	
Librarians	260	260	0	0.0	0	7	7	\$27.28	\$56,752	3
Library Technicians	520	510	-10	-1.9	0	23	23	\$14.09	\$29,312	11
Other Education, Training, and Library Occupations	5,510	5,760	250	4.5	25	118	143	N/A	N/A	
Instructional Coordinators	870	1,030	160	18.4	16	19	35	\$32.68	\$67,977	3
Teacher Assistants	4,290	4,350	60	1.4	7	91	98	N/A	\$27,688	11
Education, Training, and Library Workers, All Other	350	380	30	8.6	3	8	11	\$16.95	\$35,248	5
Arts, Design, Entertainment, Sports, and Media Occupations	4,780	5,190	410	8.6	42	118	160	\$17.21	\$35,795	
Art and Design Workers	1,160	1,230	70	6.0	7	35	42	N/A	N/A	
Art Directors	70	70	0	0.0	0	2	2	\$38.04	\$79,116	4
Multi-Media Artists and Animators	60	70	10	16.7	1	1	2	\$34.89	\$72,573	5
Floral Designers	110	120	10	9.1	0	4	4	\$11.24	\$23,371	10
Graphic Designers	430	460	30	7.0	3	13	16	\$21.85	\$45,449	5
Interior Designers	100	100	0	0.0	0	3	3	\$26.05	\$54,183	5
Merchandise Displayers and Window Trimmers	320	350	30	9.4	2	10	12	\$11.90	\$24,737	10

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Entertainers and Performers, Sports and Related Workers	1,250	1,400	150	12.0	15	26	41	N/A	N/A	
Producers and Directors	90	100	10	11.1	1	3	4	\$25.58	\$53,202	4
Coaches and Scouts	880	1,010	130	14.8	13	17	30	[6]	\$34,087	9
Media and Communication Workers	1,660	1,800	140	8.4	15	40	55	N/A	N/A	
Radio and Television Announcers	140	140	0	0.0	0	4	4	\$18.94	\$39,383	9
Reporters and Correspondents	120	120	0	0.0	0	3	3	\$24.76	\$51,505	4
Public Relations Specialists	400	470	70	17.5	7	10	17	\$21.32	\$44,344	5
Editors	130	130	0	0.0	0	3	3	\$26.14	\$54,373	5
Writers and Authors	190	200	10	5.3	1	4	5	\$20.37	\$42,371	5
Media and Communication Equipment Workers	710	770	60	8.5	5	18	23	N/A	N/A	
Audio and Video Equipment Technicians	130	150	20	15.4	2	4	6	\$12.85	\$26,727	9
Broadcast Technicians	160	170	10	6.3	1	5	6	\$12.66	\$26,341	7
Photographers	290	300	10	3.4	2	6	8	\$15.01	\$31,232	9
Healthcare Practitioners and Technical Occupations	16,060	18,150	2,090	13.0	215	329	544	\$35.63	\$74,110	
Health Diagnosing and Treating Practitioners	10,310	11,810	1,500	14.5	152	189	341	N/A	N/A	
Chiropractors	70	60	-10	-14.3	0	1	1	\$49.78	\$103,549	1
Dentists, General	210	200	-10	-4.8	0	6	6	N/A	N/A	1
Dietitians and Nutritionists	120	130	10	8.3	1	4	5	\$28.49	\$59,260	5
Optometrists	70	70	0	0.0	0	2	2	\$43.46	\$90,376	1
Pharmacists	990	1,100	110	11.1	12	22	34	\$58.90	\$122,519	1
Family and General Practitioners	240	250	10	4.2	1	4	5	>80.00	>166,400	1
Internists, General	340	360	20	5.9	2	6	8	\$79.62	\$165,590	1
Pediatricians, General	80	90	10	12.5	1	1	2	\$76.89	\$159,928	1
Surgeons	160	170	10	6.3	1	3	4	N/A	N/A	1
Physicians and Surgeons, All Other	450	470	20	4.4	2	8	10	N/A	N/A	1
Physician Assistants	210	260	50	23.8	5	4	9	\$47.42	\$98,632	5
Registered Nurses	5,600	6,660	1,060	18.9	106	98	204	\$38.72	\$80,551	6
Occupational Therapists	140	170	30	21.4	2	3	5	\$40.32	\$83,871	3
Physical Therapists	470	540	70	14.9	7	6	13	\$35.84	\$74,548	3
Respiratory Therapists	280	340	60	21.4	7	5	12	\$30.63	\$63,721	6
Speech-Language Pathologists	150	170	20	13.3	2	3	5	\$36.53	\$75,991	3
Veterinarians	100	100	0	0.0	1	2	3	\$38.34	\$79,741	1
Health Diagnosing and Treating Practitioners, All Other	150	160	10	6.7	1	3	4	\$34.85	\$72,496	3
Health Technologists and Technicians	5,230	5,760	530	10.1	58	123	181	N/A	N/A	
Medical and Clinical Laboratory Technologists	220	230	10	4.5	1	4	5	\$34.76	\$72,297	5
Medical and Clinical Laboratory Technicians	260	280	20	7.7	2	5	7	\$16.70	\$34,728	6
Dental Hygienists	350	390	40	11.4	4	7	11	\$32.53	\$67,668	6
Cardiovascular Technologists and Technicians	100	120	20	20.0	2	1	3	\$26.36	\$54,830	6
Diagnostic Medical Sonographers	160	180	20	12.5	2	2	4	\$34.23	\$71,205	6
Nuclear Medicine Technologists	60	70	10	16.7	1	1	2	\$39.60	\$82,367	6
Radiologic Technologists and Technicians	340	380	40	11.8	4	5	9	\$29.21	\$60,759	6
Dietetic Technicians	90	100	10	11.1	1	2	3	\$14.36	\$29,855	10
Pharmacy Technicians	830	1,020	190	22.9	19	21	40	\$16.28	\$33,867	10
Surgical Technologists	170	210	40	23.5	4	4	8	\$22.16	\$46,080	7
Licensed Practical and Licensed Vocational Nurses	1,260	1,390	130	10.3	13	40	53	\$22.88	\$47,597	7
Medical Records and Health Information Technicians	330	370	40	12.1	3	7	10	\$14.80	\$30,786	6
Opticians, Dispensing	110	110	0	0.0	0	2	2	\$17.37	\$36,137	9
Health Technologists and Technicians, All Other	130	140	10	7.7	2	3	5	\$19.72	\$41,032	7
Other Healthcare Practitioners and Technical Occupations	520	580	60	11.5	6	17	23	N/A	N/A	
Healthcare Practitioners and Technical Workers, All Other	350	380	30	8.6	3	12	15	\$30.84	\$64,144	7
Healthcare Support Occupations	9,360	10,680	1,320	14.1	133	109	242	\$12.41	\$25,824	

**Occupational Employment Projections
Fresno County
2008-2018**

Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2010-1st Quarter Wages		Education and Training Levels [7]
	2008	2018	Numerical [1]	Percent	New Jobs [2]	Replace-ment Needs [3]	Total Jobs [4]	Median Hourly [5]	Median Annual [5]	
Nursing, Psychiatric, and Home Health Aides	4,150	4,860	710	17.1	71	41	112	N/A	N/A	
Home Health Aides	1,560	2,000	440	28.2	44	16	60	\$9.29	\$19,316	11
Nursing Aides, Orderlies, and Attendants	2,480	2,750	270	10.9	27	25	52	\$11.99	\$24,936	11
Occupational and Physical Therapist Assistants and Aides	340	410	70	20.6	7	5	12	N/A	N/A	
Physical Therapist Assistants	100	120	20	20.0	2	2	4	\$27.80	\$57,805	6
Physical Therapist Aides	160	190	30	18.8	3	2	5	\$12.12	\$25,220	11
Other Healthcare Support Occupations	4,880	5,410	530	10.9	55	63	118	N/A	N/A	
Massage Therapists	220	240	20	9.1	2	3	5	\$19.55	\$40,668	7
Dental Assistants	1,020	1,140	120	11.8	11	19	30	\$16.94	\$35,243	10
Medical Assistants	2,260	2,600	340	15.0	34	25	59	\$13.47	\$28,016	10
Medical Equipment Preparers	170	190	20	11.8	2	2	4	\$9.22	\$19,190	11
Medical Transcriptionists	160	160	0	0.0	0	2	2	\$18.84	\$39,196	7
Pharmacy Aides	130	110	-20	-15.4	0	1	1	\$9.57	\$19,902	11
Veterinary Assistants and Laboratory Animal Caretakers	160	170	10	6.3	0	2	2	\$10.61	\$22,083	11
Healthcare Support Workers, All Other	750	800	50	6.7	6	8	14	\$14.79	\$30,780	11
Protective Service Occupations	9,380	10,080	700	7.5	70	280	350	\$21.27	\$44,242	
First-Line Supervisors/Managers, Protective Service Workers	550	570	20	3.6	2	22	24	N/A	N/A	
First-Line Supervisors/Managers of Correctional Officers	170	170	0	0.0	0	6	6	N/A	N/A	8
First-Line Supervisors/Managers of Police and Detectives	90	90	0	0.0	0	4	4	\$51.24	\$106,570	8
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	90	90	0	0.0	0	5	5	\$28.59	\$59,467	8
First-Line Supervisors/Managers, Protective Service Workers, All Other	200	220	20	10.0	2	7	9	\$20.77	\$43,200	8
Fire Fighting and Prevention Workers	1,220	1,320	100	8.2	10	37	47	N/A	N/A	
Fire Fighters	1,200	1,300	100	8.3	10	37	47	N/A	N/A	9
Law Enforcement Workers	3,120	3,190	70	2.2	8	75	83	N/A	N/A	
Correctional Officers and Jailers	1,240	1,260	20	1.6	2	28	30	N/A	N/A	10
Detectives and Criminal Investigators	130	150	20	15.4	2	3	5	N/A	N/A	8
Police and Sheriff's Patrol Officers	1,700	1,750	50	2.9	4	44	48	N/A	N/A	9
Other Protective Service Workers	4,490	5,000	510	11.4	50	146	196	N/A	N/A	
Private Detectives and Investigators	70	80	10	14.3	1	1	2	\$25.61	\$53,274	8
Security Guards	3,270	3,680	410	12.5	41	67	108	\$9.40	\$19,540	11
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	280	280	0	0.0	0	19	19	\$9.02	\$18,766	11
Protective Service Workers, All Other	860	930	70	8.1	8	58	66	\$11.32	\$23,556	11
Food Preparation and Serving Related Occupations	26,530	28,010	1,480	5.6	155	905	1,060	\$9.34	\$19,414	
Supervisors, Food Preparation and Serving Workers	2,170	2,240	70	3.2	7	21	28	N/A	N/A	
Chefs and Head Cooks	110	110	0	0.0	0	1	1	\$18.25	\$37,946	7
First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,060	2,130	70	3.4	6	20	26	\$13.01	\$27,069	8
Cooks and Food Preparation Workers	7,760	7,900	140	1.8	20	226	246	N/A	N/A	
Cooks, Fast Food	2,440	2,530	90	3.7	9	62	71	\$9.03	\$18,798	11
Cooks, Institution and Cafeteria	560	580	20	3.6	2	14	16	\$11.92	\$24,798	10
Cooks, Restaurant	1,610	1,670	60	3.7	6	41	47	\$10.92	\$22,697	9
Cooks, All Other	130	150	20	15.4	3	3	6	\$11.59	\$24,120	
Food Preparation Workers	2,670	2,620	-50	-1.9	0	95	95	\$9.21	\$19,162	11
Food and Beverage Serving Workers	13,930	15,050	1,120	8.0	113	527	640	N/A	N/A	
Bartenders	580	610	30	5.2	3	21	24	\$9.44	\$19,627	11
Combined Food Preparation and Serving Workers, Including Fast Food Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,460	1,520	60	4.1	6	107	113	\$9.62	\$20,006	11
Waiters and Waitresses	4,360	4,520	160	3.7	16	241	257	\$9.19	\$19,124	11
Food Servers, Nonrestaurant	230	260	30	13.0	3	4	7	\$9.75	\$20,280	11

**Occupational Employment Projections
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Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2010-1st Quarter Wages		Education and Training Levels [7]
	2008	2018	Numerical [1]	Percent	New Jobs [2]	Replace-ment Needs [3]	Total Jobs [4]	Median Hourly [5]	Median Annual [5]	
Other Food Preparation and Serving Related Workers	2,670	2,820	150	5.6	15	131	146	N/A	N/A	
Dining Room and Cafeteria Attendants and Bartender Helpers	760	780	20	2.6	1	33	34	\$8.95	\$18,608	11
Dishwashers	1,140	1,270	130	11.4	13	47	60	\$8.99	\$18,708	11
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	680	690	10	1.5	1	47	48	\$9.07	\$18,868	11
Food Preparation and Serving Related Workers, All Other	90	90	0	0.0	0	4	4	\$9.28	\$19,289	11
Building and Grounds Cleaning and Maintenance Occupations	9,870	9,950	80	0.8	26	163	189	\$11.31	\$23,522	
Supervisors, Building and Grounds Cleaning and Maintenance Workers	630	630	0	0.0	1	7	8	N/A	N/A	
First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	360	350	-10	-2.8	0	4	4	\$17.44	\$36,269	8
First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	270	280	10	3.7	1	3	4	\$20.78	\$43,220	8
Building Cleaning and Pest Control Workers	6,120	6,000	-120	-2.0	5	119	124	N/A	N/A	
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	4,080	3,910	-170	-4.2	0	77	77	\$11.73	\$24,396	11
Maids and Housekeeping Cleaners	1,730	1,780	50	2.9	5	31	36	\$9.19	\$19,134	11
Pest Control Workers	300	300	0	0.0	0	10	10	\$16.30	\$33,916	10
Grounds Maintenance Workers	3,110	3,320	210	6.8	20	38	58	N/A	N/A	
Landscaping and Groundskeeping Workers	2,820	2,970	150	5.3	15	34	49	\$11.12	\$23,133	11
Pesticide Handlers, Sprayers, and Applicators, Vegetation	110	110	0	0.0	0	1	1	\$11.23	\$23,361	10
Grounds Maintenance Workers, All Other	150	200	50	33.3	5	2	7	\$10.92	\$22,706	11
Personal Care and Service Occupations	16,740	19,510	2,770	16.5	277	361	638	\$9.87	\$20,532	
Supervisors, Personal Care and Service Workers	630	660	30	4.8	3	17	20	N/A	N/A	
First-Line Supervisors/Managers of Personal Service Workers	540	560	20	3.7	2	15	17	\$18.53	\$38,537	8
Animal Care and Service Workers	210	260	50	23.8	5	5	10	N/A	N/A	
Nonfarm Animal Caretakers	170	200	30	17.6	3	4	7	\$9.31	\$19,355	11
Entertainment Attendants and Related Workers	1,710	1,860	150	8.8	15	90	105	N/A	N/A	
Gaming Dealers	250	290	40	16.0	4	11	15	\$11.12	\$23,130	7
Ushers, Lobby Attendants, and Ticket Takers	420	480	60	14.3	7	27	34	\$9.08	\$18,895	11
Amusement and Recreation Attendants	590	630	40	6.8	4	31	35	\$9.06	\$18,858	11
Funeral Service Workers	150	180	30	20.0	3	7	10	N/A	N/A	
Funeral Attendants	120	150	30	25.0	3	6	9	\$12.62	\$26,237	11
Personal Appearance Workers	590	680	90	15.3	9	9	18	N/A	N/A	
Manicurists and Pedicurists	110	130	20	18.2	2	2	4	\$11.09	\$23,073	7
Transportation, Tourism, and Lodging Attendants	170	180	10	5.9	1	5	6	N/A	N/A	
Other Personal Care and Service Workers	13,280	15,690	2,410	18.1	242	230	472	N/A	N/A	
Child Care Workers	3,490	3,700	210	6.0	21	102	123	\$9.22	\$19,194	11
Personal and Home Care Aides	8,950	11,060	2,110	23.6	211	112	323	\$9.73	\$20,244	11
Fitness Trainers and Aerobics Instructors	350	410	60	17.1	6	6	12	\$16.61	\$34,546	7
Recreation Workers	420	460	40	9.5	3	8	11	\$9.90	\$20,605	5
Sales and Related Occupations	32,690	34,970	2,280	7.0	236	977	1,213	\$11.10	\$23,082	
Supervisors, Sales Workers	4,650	4,950	300	6.5	30	99	129	N/A	N/A	
First-Line Supervisors/Managers of Retail Sales Workers	3,750	3,980	230	6.1	24	80	104	\$16.16	\$33,604	8
First-Line Supervisors/Managers of Non-Retail Sales Workers	910	970	60	6.6	6	19	25	\$30.93	\$64,338	8
Retail Sales Workers	19,690	21,110	1,420	7.2	144	686	830	N/A	N/A	
Cashiers	7,720	8,090	370	4.8	37	347	384	\$9.20	\$19,145	11
Counter and Rental Clerks	1,330	1,380	50	3.8	6	36	42	\$9.35	\$19,448	11
Parts Salespersons	760	800	40	5.3	4	27	31	\$13.57	\$28,230	10
Retail Salespersons	9,830	10,800	970	9.9	97	274	371	\$9.73	\$20,230	11

**Occupational Employment Projections
Fresno County
2008-2018**

Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2010-1st Quarter Wages		Education and Training Levels [7]
	2008	2018	Numerical [1]	Percent	New Jobs [2]	Replace-ment Needs [3]	Total Jobs [4]	Median Hourly [5]	Median Annual [5]	
Sales Representatives, Services	2,520	2,830	310	12.3	31	60	91	N/A	N/A	
Advertising Sales Agents	320	340	20	6.3	2	6	8	\$20.28	\$42,171	10
Insurance Sales Agents	660	750	90	13.6	9	15	24	\$25.56	\$53,164	6
Securities, Commodities, and Financial Services										
Sales Agents	310	350	40	12.9	4	9	13	\$31.61	\$65,744	5
Travel Agents	100	110	10	10.0	0	1	1	\$14.72	\$30,617	7
Sales Representatives, Services, All Other	1,140	1,300	160	14.0	16	28	44	\$26.15	\$54,389	10
Sales Representatives, Wholesale and Manufacturing	3,340	3,510	170	5.1	16	77	93	N/A	N/A	
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	640	680	40	6.3	5	15	20	\$33.31	\$69,280	10
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,710	2,820	110	4.1	12	63	75	\$28.38	\$59,040	10
Other Sales and Related Workers	2,480	2,570	90	3.6	15	55	70	N/A	N/A	
Demonstrators and Product Promoters	490	460	-30	-6.1	0	14	14	\$10.13	\$21,086	10
Real Estate Brokers	170	170	0	0.0	0	3	3	\$39.52	\$82,198	8
Real Estate Sales Agents	620	700	80	12.9	8	10	18	\$14.26	\$29,663	7
Sales Engineers	80	110	30	37.5	3	3	6	\$43.99	\$91,495	5
Telemarketers	290	260	-30	-10.3	0	7	7	\$9.59	\$19,944	11
Sales and Related Workers, All Other	520	550	30	5.8	4	12	16	\$17.07	\$35,511	10
Office and Administrative Support Occupations	57,830	58,900	1,070	1.9	296	1,186	1,482	\$14.58	\$30,332	
Supervisors, Office and Administrative Support Workers	3,650	3,870	220	6.0	22	82	104	N/A	N/A	
First-Line Supervisors/Managers of Office and Administrative Support Workers	3,650	3,870	220	6.0	22	82	104	\$22.40	\$46,602	8
Communications Equipment Operators	670	650	-20	-3.0	2	13	15	N/A	N/A	
Switchboard Operators, Including Answering Service	420	390	-30	-7.1	0	9	9	\$11.88	\$24,694	11
Telephone Operators	230	250	20	8.7	2	4	6	\$23.52	\$48,926	11
Financial Clerks	9,550	9,990	440	4.6	52	171	223	N/A	N/A	
Bill and Account Collectors	780	900	120	15.4	12	15	27	\$15.13	\$31,474	11
Billing and Posting Clerks and Machine Operators	1,320	1,420	100	7.6	10	22	32	\$15.48	\$32,200	10
Bookkeeping, Accounting, and Auditing Clerks	5,470	5,690	220	4.0	22	66	88	\$16.43	\$34,185	10
Payroll and Timekeeping Clerks	580	510	-70	-12.1	0	14	14	\$16.37	\$34,056	10
Procurement Clerks	160	170	10	6.3	1	5	6	\$17.72	\$36,871	11
Tellers	1,210	1,290	80	6.6	8	50	58	\$11.37	\$23,648	11
Information and Record Clerks	12,690	13,110	420	3.3	103	358	461	N/A	N/A	
Brokerage Clerks	100	100	0	0.0	0	3	3	\$16.40	\$34,103	10
Court, Municipal, and License Clerks	260	260	0	0.0	0	7	7	\$21.35	\$44,411	11
Credit Authorizers, Checkers, and Clerks	70	60	-10	-14.3	0	2	2	\$17.17	\$35,711	11
Customer Service Representatives	4,080	4,820	740	18.1	73	129	202	\$15.72	\$32,714	10
Eligibility Interviewers, Government Programs	1,350	1,380	30	2.2	4	31	35	N/A	N/A	10
File Clerks	590	420	-170	-28.8	0	14	14	\$11.21	\$23,315	11
Hotel, Motel, and Resort Desk Clerks	290	340	50	17.2	5	10	15	\$9.43	\$19,614	11
Interviewers, Except Eligibility and Loan	490	560	70	14.3	7	12	19	\$15.92	\$33,103	11
Library Assistants, Clerical	50	50	0	0.0	0	2	2	\$13.52	\$28,118	11
Loan Interviewers and Clerks	450	470	20	4.4	2	11	13	\$18.60	\$38,694	11
New Accounts Clerks	210	210	0	0.0	0	6	6	\$15.12	\$31,437	8
Order Clerks	510	380	-130	-25.5	0	15	15	\$13.34	\$27,756	11
Human Resources Assistants, Except Payroll and Timekeeping	340	310	-30	-8.8	0	10	10	\$19.16	\$39,851	11
Receptionists and Information Clerks	2,180	2,300	120	5.5	12	59	71	\$11.77	\$24,476	11
Reservation and Transportation Ticket Agents and Travel Clerks	80	80	0	0.0	0	2	2	\$13.57	\$28,229	11
Information and Record Clerks, All Other	1,640	1,370	-270	-16.5	0	46	46	\$14.69	\$30,559	11
Material Recording, Scheduling, Dispatching, and Distributing Workers	9,110	9,370	260	2.9	44	221	265	N/A	N/A	

**Occupational Employment Projections
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	2008	2018	Numerical [1]	Percent	New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly [5]	Median Annual [5]	
Couriers and Messengers	570	560	-10	-1.8	0	13	13	\$9.73	\$20,230	11
Police, Fire, and Ambulance Dispatchers	190	210	20	10.5	2	4	6	\$21.77	\$45,287	10
Dispatchers, Except Police, Fire, and Ambulance	540	530	-10	-1.9	0	11	11	\$17.46	\$36,326	10
Meter Readers, Utilities	100	90	-10	-10.0	0	3	3	\$29.74	\$61,864	11
Postal Service Clerks	210	190	-20	-9.5	0	4	4	\$25.51	\$53,051	11
Postal Service Mail Carriers	980	1,090	110	11.2	11	31	42	\$25.71	\$53,478	11
Postal Service Mail Sorters, Processors, and Processing Machine Operators	370	290	-80	-21.6	0	3	3	\$25.50	\$53,044	11
Production, Planning, and Expediting Clerks	620	650	30	4.8	3	15	18	\$21.17	\$44,025	11
Shipping, Receiving, and Traffic Clerks	1,390	1,340	-50	-3.6	0	35	35	\$13.12	\$27,287	11
Stock Clerks and Order Fillers	3,570	3,840	270	7.6	27	82	109	\$9.87	\$20,522	11
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	530	530	0	0.0	0	19	19	\$9.61	\$19,991	11
Secretaries and Administrative Assistants	7,630	7,880	250	3.3	37	103	140	N/A	N/A	
Executive Secretaries and Administrative Assistants	2,980	3,180	200	6.7	20	40	60	\$18.80	\$39,113	10
Legal Secretaries	470	470	0	0.0	0	6	6	\$20.37	\$42,372	7
Medical Secretaries	1,760	1,930	170	9.7	17	24	41	\$14.20	\$29,535	7
Secretaries, Except Legal, Medical, and Executive	2,410	2,310	-100	-4.1	0	33	33	\$14.28	\$29,703	10
Other Office and Administrative Support Workers	14,540	14,030	-510	-3.5	37	238	275	N/A	N/A	
Computer Operators	200	150	-50	-25.0	0	2	2	\$21.44	\$44,600	10
Data Entry Keyers	540	470	-70	-13.0	0	11	11	\$15.14	\$31,480	10
Word Processors and Typists	220	200	-20	-9.1	0	2	2	\$17.24	\$35,854	10
Desktop Publishers	50	40	-10	-20.0	0	1	1	\$15.97	\$33,206	7
Insurance Claims and Policy Processing Clerks	790	790	0	0.0	1	10	11	\$16.67	\$34,685	10
Mail Clerks and Mail Machine Operators, Except Postal Service	1,260	1,050	-210	-16.7	0	23	23	\$11.90	\$24,738	11
Office Clerks, General	8,200	8,560	360	4.4	36	112	148	\$12.22	\$25,417	11
Office and Administrative Support Workers, All Other	3,000	2,500	-500	-16.7	0	69	69	\$10.50	\$21,847	10
Farming, Fishing, and Forestry Occupations	41,320	40,430	-890	-2.2	9	1,105	1,114	\$8.91	\$18,541	
Supervisors, Farming, Fishing, and Forestry Workers	1,370	1,440	70	5.1	7	35	42	N/A	N/A	
First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	1,290	1,360	70	5.4	7	33	40	\$12.45	\$25,895	8
Farm Labor Contractors	80	80	0	0.0	0	2	2	\$11.81	\$24,550	8
Agricultural Workers	39,740	38,790	-950	-2.4	2	1,064	1,066	N/A	N/A	
Agricultural Inspectors	240	270	30	12.5	2	5	7	\$18.53	\$38,533	8
Graders and Sorters, Agricultural Products	950	920	-30	-3.2	0	20	20	\$9.08	\$18,881	8
Agricultural Equipment Operators	1,610	1,570	-40	-2.5	0	44	44	\$8.97	\$18,651	10
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	35,130	34,280	-850	-2.4	0	947	947	\$8.87	\$18,463	11
Farmworkers, Farm and Ranch Animals	1,430	1,380	-50	-3.5	0	39	39	\$8.93	\$18,595	11
Agricultural Workers, All Other	360	350	-10	-2.8	0	10	10	\$16.97	\$35,292	11
Forest, Conservation, and Logging Workers	210	200	-10	-4.8	0	6	6	N/A	N/A	
Construction and Extraction Occupations	19,150	19,450	300	1.6	56	321	377	\$19.89	\$41,370	
Supervisors, Construction and Extraction Workers	1,450	1,530	80	5.5	8	28	36	N/A	N/A	
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,450	1,530	80	5.5	8	28	36	\$31.18	\$64,853	8
Construction Trades Workers	16,180	16,320	140	0.9	38	261	299	N/A	N/A	
Brickmasons and Blockmasons	320	310	-10	-3.1	0	8	8	\$23.10	\$48,042	9
Carpenters	3,210	3,210	0	0.0	0	40	40	\$18.77	\$39,032	9
Tile and Marble Setters	360	360	0	0.0	0	9	9	\$20.01	\$41,617	9
Cement Masons and Concrete Finishers	960	950	-10	-1.0	0	24	24	\$22.17	\$46,097	9
Construction Laborers	3,290	3,520	230	7.0	23	22	45	\$15.35	\$31,945	10

**Occupational Employment Projections
Fresno County
2008-2018**

Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2010-1st Quarter Wages		Education and Training Levels [7]
	2008	2018	Numerical [1]	Percent	New Jobs [2]	Replace-ment Needs [3]	Total Jobs [4]	Median Hourly [5]	Median Annual [5]	
Paving, Surfacing, and Tamping Equipment Operators	110	110	0	0.0	0	2	2	\$29.22	\$60,784	10
Operating Engineers and Other Construction Equipment Operators	880	940	60	6.8	6	15	21	\$29.45	\$61,268	10
Drywall and Ceiling Tile Installers	880	860	-20	-2.3	0	10	10	\$18.10	\$37,656	10
Tapers	200	190	-10	-5.0	0	2	2	\$18.82	\$39,147	10
Electricians	1,580	1,580	0	0.0	1	38	39	\$22.67	\$47,154	9
Painters, Construction and Maintenance Pipelayers	1,260	1,200	-60	-4.8	0	22	22	\$13.57	\$28,230	10
Plumbers, Pipefitters, and Steamfitters	130	150	20	15.4	2	3	5	\$27.07	\$56,297	10
Plasterers and Stucco Masons	1,060	1,100	40	3.8	4	21	25	\$23.02	\$47,898	9
Roofers	360	330	-30	-8.3	0	6	6	\$17.13	\$35,631	9
Sheet Metal Workers	380	340	-40	-10.5	0	6	6	\$24.03	\$49,977	10
Helpers, Construction Trades	380	360	-20	-5.3	0	9	9	\$27.01	\$56,169	10
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	870	910	40	4.6	5	18	23	N/A	N/A	
Helpers--Electricians	230	230	0	0.0	0	5	5	\$12.72	\$26,449	11
Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	260	280	20	7.7	2	5	7	\$14.95	\$31,095	11
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	60	50	-10	-16.7	0	1	1	\$9.44	\$19,639	11
Other Construction and Related Workers	260	290	30	11.5	3	6	9	\$12.98	\$26,989	11
Construction and Building Inspectors	570	610	40	7.0	4	13	17	N/A	N/A	
Hazardous Materials Removal Workers	280	300	20	7.1	2	6	8	\$24.36	\$50,656	8
Highway Maintenance Workers	50	60	10	20.0	1	1	2	\$24.47	\$50,889	10
Extraction Workers	80	80	0	0.0	0	2	2	\$19.37	\$40,270	10
Installation, Maintenance, and Repair Occupations	70	80	10	14.3	0	1	1	N/A	N/A	
Supervisors of Installation, Maintenance, and Repair Workers	14,140	15,290	1,150	8.1	118	272	390	\$19.15	\$39,832	
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	970	1,030	60	6.2	6	25	31	N/A	N/A	
Electrical and Electronic Equipment Mechanics, Installers, and Repairers	970	1,030	60	6.2	6	25	31	\$27.89	\$58,028	8
Computer, Automated Teller, and Office Machine Repairers	1,590	1,720	130	8.2	15	29	44	N/A	N/A	
Telecommunications Equipment Installers and Repairers, Except Line Installers	260	240	-20	-7.7	0	5	5	\$16.93	\$35,203	7
Electric Motor, Power Tool, and Related Repairers	600	690	90	15.0	9	11	20	\$30.00	\$62,386	9
Electrical and Electronics Repairers, Commercial and Industrial Equipment	80	80	0	0.0	0	3	3	\$17.44	\$36,269	7
Security and Fire Alarm Systems Installers	150	160	10	6.7	1	3	4	\$24.28	\$50,497	7
Vehicle and Mobile Equipment Mechanics, Installers	140	160	20	14.3	3	2	5	\$21.83	\$45,410	7
Aircraft Mechanics and Service Technicians	5,230	5,500	270	5.2	27	108	135	N/A	N/A	
Automotive Body and Related Repairers	470	490	20	4.3	3	9	12	\$21.97	\$45,710	7
Automotive Service Technicians and Mechanics	260	270	10	3.8	1	7	8	\$20.58	\$42,807	9
Bus and Truck Mechanics and Diesel Engine Specialists	1,940	2,000	60	3.1	6	37	43	\$17.31	\$36,011	7
Farm Equipment Mechanics	1,360	1,440	80	5.9	8	31	39	\$17.53	\$36,454	7
Mobile Heavy Equipment Mechanics, Except Engines	250	270	20	8.0	2	5	7	\$15.45	\$32,142	7
Outdoor Power Equipment and Other Small Engine Mechanics	540	590	50	9.3	5	10	15	\$24.79	\$51,574	7
Recreational Vehicle Service Technicians	50	50	0	0.0	0	1	1	\$17.28	\$35,943	10
Tire Repairers and Changers	60	80	20	33.3	1	1	2	\$18.03	\$37,502	9
Other Installation, Maintenance, and Repair Occupations	200	210	10	5.0	1	4	5	\$11.00	\$22,879	11
Control and Valve Installers and Repairers, Except Mechanical Door	6,350	7,050	700	11.0	70	111	181	N/A	N/A	
	70	90	20	28.6	2	1	3	\$18.54	\$38,583	10

**Occupational Employment Projections
Fresno County
2008-2018**

Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2010-1st Quarter Wages		Education and Training Levels [7]
	2008	2018	Numerical [1]	Percent	New Jobs [2]	Replace-ment Needs [3]	Total Jobs [4]	Median Hourly [5]	Median Annual [5]	
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	800	870	70	8.8	7	13	20	\$16.68	\$34,709	9
Industrial Machinery Mechanics	470	550	80	17.0	8	7	15	\$23.05	\$47,940	9
Maintenance and Repair Workers, General	2,770	3,020	250	9.0	25	43	68	\$17.67	\$36,761	9
Maintenance Workers, Machinery	180	190	10	5.6	2	3	5	\$13.56	\$28,205	9
Telecommunications Line Installers and Repairers	260	300	40	15.4	4	4	8	\$28.44	\$59,167	9
Medical Equipment Repairers	50	70	20	40.0	2	2	4	\$21.32	\$44,344	10
Coin, Vending, and Amusement Machine Servicers and Repairers	100	100	0	0.0	1	3	4	\$12.28	\$25,542	10
Locksmiths and Safe Repairers	50	60	10	20.0	0	1	1	\$23.20	\$48,265	10
Helpers--Installation, Maintenance, and Repair Workers	210	230	20	9.5	2	10	12	\$11.32	\$23,544	11
Installation, Maintenance, and Repair Workers, All Other	830	970	140	16.9	14	13	27	\$13.72	\$28,541	10
Production Occupations	22,010	22,950	940	4.3	122	488	610	\$11.35	\$23,616	
Supervisors, Production Workers	1,290	1,320	30	2.3	3	17	20	N/A	N/A	
First-Line Supervisors/Managers of Production and Operating Workers	1,290	1,320	30	2.3	3	17	20	\$24.66	\$51,280	8
Assemblers and Fabricators	2,710	2,810	100	3.7	11	59	70	N/A	N/A	
Structural Metal Fabricators and Fitters	210	200	-10	-4.8	0	4	4	\$17.99	\$37,425	10
Team Assemblers	1,400	1,460	60	4.3	6	32	38	\$10.59	\$22,019	10
Assemblers and Fabricators, All Other	850	890	40	4.7	5	19	24	\$10.99	\$22,850	10
Food Processing Workers	5,720	6,190	470	8.2	47	176	223	N/A	N/A	
Bakers	320	330	10	3.1	1	8	9	\$15.43	\$32,099	9
Butchers and Meat Cutters	430	460	30	7.0	3	14	17	\$15.28	\$31,780	9
Meat, Poultry, and Fish Cutters and Trimmers	1,880	2,060	180	9.6	18	60	78	\$10.06	\$20,928	11
Slaughterers and Meat Packers	2,240	2,420	180	8.0	18	72	90	\$9.81	\$20,392	10
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	300	300	0	0.0	1	9	10	\$12.13	\$25,239	11
Food Batchmakers	470	520	50	10.6	5	11	16	\$11.23	\$23,360	11
Food Cooking Machine Operators and Tenders	100	110	10	10.0	0	3	3	\$10.21	\$21,251	11
Metal Workers and Plastic Workers	2,350	2,280	-70	-3.0	6	52	58	N/A	N/A	
Computer-Controlled Machine Tool Operators, Metal and Plastic	210	260	50	23.8	5	4	9	\$15.27	\$31,775	10
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	250	220	-30	-12.0	0	5	5	\$12.98	\$26,996	10
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	130	110	-20	-15.4	0	2	2	\$12.69	\$26,387	10
Machinists	490	450	-40	-8.2	0	7	7	\$17.62	\$36,642	9
Welders, Cutters, Solderers, and Brazers	800	800	0	0.0	0	24	25	\$15.24	\$31,715	7
Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	80	70	-10	-12.5	0	2	2	\$13.43	\$27,936	10
Printing Workers	500	510	10	2.0	3	9	12	N/A	N/A	
Prepress Technicians and Workers	110	90	-20	-18.2	0	1	1	\$14.94	\$31,067	9
Printing Machine Operators	350	370	20	5.7	3	7	10	\$19.56	\$40,686	10
Textile, Apparel, and Furnishings Workers	1,150	1,080	-70	-6.1	0	12	12	N/A	N/A	
Laundry and Dry-Cleaning Workers	450	450	0	0.0	0	8	8	\$9.96	\$20,712	10
Pressers, Textile, Garment, and Related Materials	240	220	-20	-8.3	0	1	1	\$10.38	\$21,602	11
Sewing Machine Operators	320	270	-50	-15.6	0	2	2	\$10.35	\$21,543	10
Woodworkers	850	900	50	5.9	5	19	24	N/A	N/A	
Cabinetmakers and Bench Carpenters	290	290	0	0.0	0	7	7	\$13.24	\$27,537	9
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	270	300	30	11.1	3	6	9	\$11.20	\$23,308	10
Plant and System Operators	600	790	190	31.7	20	15	35	N/A	N/A	
Power Plant Operators	160	220	60	37.5	6	6	12	\$37.55	\$78,095	9

**Occupational Employment Projections
Fresno County
2008-2018**

Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2010-1st Quarter Wages		Education and Training Levels [7]
	2008	2018	Numerical [1]	Percent	New Jobs [2]	Replace-ment Needs [3]	Total Jobs [4]	Median Hourly [5]	Median Annual [5]	
Water and Liquid Waste Treatment Plant and System Operators	310	370	60	19.4	6	7	13	\$21.86	\$45,477	9
Other Production Occupations	6,850	7,080	230	3.4	28	129	157	N/A	N/A	
Chemical Equipment Operators and Tenders Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	90	90	0	0.0	0	1	1	\$27.43	\$57,045	10
Mixing and Blending Machine Setters, Operators, and Tenders	150	180	30	20.0	3	1	4	\$21.05	\$43,789	10
Cutting and Slicing Machine Setters, Operators, and Tenders	450	540	90	20.0	10	8	18	\$13.26	\$27,590	10
Inspectors, Testers, Sorters, Samplers, and Weighers	140	170	30	21.4	3	3	6	\$11.94	\$24,825	10
Packaging and Filling Machine Operators and Tenders	680	700	20	2.9	2	11	13	\$12.18	\$25,346	10
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,710	1,720	10	0.6	1	29	30	\$9.81	\$20,399	11
Painters, Transportation Equipment	90	100	10	11.1	1	2	3	\$11.97	\$24,907	10
Photographic Processing Machine Operators	110	120	10	9.1	1	3	4	\$19.16	\$39,858	10
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	110	80	-30	-27.3	0	3	3	\$10.56	\$21,953	11
Cooling and Freezing Equipment Operators and Tenders	160	160	0	0.0	0	3	3	\$10.39	\$21,627	10
Paper Goods Machine Setters, Operators, and Tenders	50	50	0	0.0	0	1	1	\$11.37	\$23,656	10
Helpers--Production Workers	280	310	30	10.7	3	6	9	\$14.18	\$29,497	10
Production Workers, All Other	1,550	1,570	20	1.3	1	27	28	\$9.17	\$19,079	11
Transportation and Material Moving Occupations	750	770	20	2.7	2	17	19	\$11.45	\$23,829	10
Supervisors, Transportation and Material Moving Workers	24,590	25,450	860	3.5	114	575	689	\$12.83	\$26,673	
First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	990	1,000	10	1.0	2	17	19	N/A	N/A	
First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	470	490	20	4.3	2	8	10	\$19.42	\$40,396	8
Air Transportation Workers	510	500	-10	-2.0	0	9	9	\$24.98	\$51,945	8
Motor Vehicle Operators	320	330	10	3.1	1	11	12	N/A	N/A	
Bus Drivers, School	10,370	11,190	820	7.9	82	185	267	N/A	N/A	
Driver/Sales Workers	700	720	20	2.9	3	12	15	\$14.87	\$30,938	11
Truck Drivers, Heavy and Tractor-Trailer	1,360	1,420	60	4.4	6	24	30	\$9.29	\$19,330	11
Truck Drivers, Light or Delivery Services	4,660	5,150	490	10.5	50	83	133	\$19.49	\$40,523	10
Taxi Drivers and Chauffeurs	2,660	2,850	190	7.1	19	48	67	\$13.86	\$28,821	11
Motor Vehicle Operators, All Other	250	270	20	8.0	2	4	6	\$10.73	\$22,323	11
Rail Transportation Workers	350	370	20	5.7	2	6	9	\$13.01	\$27,046	11
Locomotive Engineers	150	160	10	6.7	1	5	6	N/A	N/A	
Railroad Conductors and Yardmasters	50	60	10	20.0	0	2	2	N/A	N/A	8
Other Transportation Workers	50	50	0	0.0	0	2	2	N/A	N/A	8
Parking Lot Attendants	500	500	0	0.0	2	19	21	N/A	N/A	
Transportation Inspectors	170	160	-10	-5.9	0	6	6	\$9.73	\$20,237	11
Transportation Workers, All Other	50	60	10	20.0	1	1	2	\$27.78	\$57,777	8
Material Moving Workers	100	110	10	10.0	1	4	5	\$25.78	\$53,639	11
Conveyor Operators and Tenders	12,260	12,280	20	0.2	27	338	365	N/A	N/A	
Excavating and Loading Machine and Dragline Operators	90	90	0	0.0	0	3	3	\$10.42	\$21,688	11
Industrial Truck and Tractor Operators	50	60	10	20.0	1	2	3	\$32.23	\$67,036	10
Cleaners of Vehicles and Equipment	2,170	2,310	140	6.5	14	65	79	\$12.60	\$26,210	11
Laborers and Freight, Stock, and Material Movers, Hand	1,060	1,080	20	1.9	2	38	40	\$9.54	\$19,843	11
Machine Feeders and Offbearers	5,120	5,040	-80	-1.6	0	165	165	\$10.91	\$22,684	11
Packers and Packagers, Hand	190	170	-20	-10.5	0	2	2	\$9.91	\$20,619	11
Refuse and Recyclable Material Collectors	2,950	2,810	-140	-4.7	0	49	49	\$8.97	\$18,655	11
	470	560	90	19.1	9	14	23	\$19.00	\$39,515	11

**Occupational Employment Projections
Fresno County
2008-2018**

Occupational Title	Annual Average Employment		Employment Change		Average Annual Job Openings			2010-1st Quarter Wages		Education and Training Levels [7]
	2008	2018	Numerical [1]	Percent	New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly [5]	Median Annual [5]	
Material Moving Workers, All Other	110	120	10	9.1	1	1	2	\$20.83	\$43,329	11

Source: State of California Employment Development Department
March 2009 Benchmark

Table includes the self-employed, unpaid family workers, private household workers, and farm employment.

N/A - Information is not available.

Occupations with employment below 50 in 2008 are excluded.

Occupation subtotals may not add to the totals due to rounding and the suppression of data.

Numerical Employment Change is the net difference between the base and projected year employment and reflects job growth or decline. The base and projected year employment are independently rounded to 10. Therefore, numerical change may not equal new jobs.

New Jobs are only openings due to growth and do not include job declines. If an occupation's employment change is negative, there is no job growth and new jobs are set to zero. New Jobs may not equal Numerical Change.

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

Total Jobs are the sum of new jobs and replacement needs.

Median Hourly and 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 2010-1st quarter and do not include self-employed or unpaid family workers.

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

These occupations have been suppressed due to confidentiality.

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

[For more information on the classifications, please see the BLS Training Definitions.](#)

- 1 - First Professional Degree - LLD/MD
- 2 - Doctoral Degree
- 3 - Master's Degree
- 4 - Bachelor's Degree or Higher and Some Work Experience
- 5 - Bachelor's Degree
- 6 - Associate Degree
- 7 - Post-Secondary Vocational Education
- 8 - Work Experience in a Related Occupation
- 9 - Long-Term On-the-Job Training
- 10 - Moderate-Term On-the-Job Training
- 11 - Short-Term On-the-Job Training