

**Projected Job Openings 2012-2021 and Current Median Wage in SF Bay Region for Occupations Requiring a Bachelor's Degree
by Chabot Transfer Disciplines**

Chabot Discipline	Occupation	SF BayArea 2012 Jobs	SF Bay Area 2021 Jobs	Change in number of jobs in 10 years	SF BayArea Annual Openings	2011 Median Hourly Wage	State Annual Openings	Regional Graduates in related programs (2010)
Administration of Justice	Probation Officers and Correctional Treatment Specialists	1,521	1,670	149	50	\$40.73	467	861
Administration of Justice	Forensic Science Technicians	294	337	43	17	\$35.82	124	19
All	Secondary School Teachers, Except Special and Vocational Educa	20,105	21,687	1,582	756	\$31.66	4,910	1,793
All	Teachers and Instructors, All Other	22,660	26,249	3,589	737	\$21.62	3,279	60
All	Middle School Teachers, Except Special and Vocational Education	8,951	10,053	1,102	324	\$30.01	2,258	1,515
Architecture	Architects, Except Landscape and Naval	6,573	6,782	209	149	\$34.11	453	299
Architecture	Surveyors	1,238	1,325	87	42	\$36.20	206	2
Art	Graphic Designers	16,358	18,237	1,879	704	\$25.35	2,634	939
Art	Multi-Media Artists and Animators	5,071	5,460	389	157	\$27.92	617	983
Art	Designers, All Other	905	973	68	35	\$23.28	141	411
Art / Architecture	Landscape Architects	1,309	1,370	61	30	\$30.98	111	35
Art History	Museum Technicians and Conservators	482	553	71	22	\$20.66	58	196
Art History	Audio-Visual Collections Specialists	244	268	24	8	\$18.74	35	719
Astronomy	Atmospheric and Space Scientists	237	258	21	8	\$31.83	22	14
Biological Sciences	Biological Technicians	3,379	3,877	498	170	\$23.24	659	152
Biological Sciences	Zoologists and Wildlife Biologists	555	631	76	26	\$36.77	112	2
Biological Sciences	Conservation Scientists	496	609	113	18	\$31.93	60	104
Biological Sciences	Food Scientists and Technologists	252	285	33	12	\$31.11	108	2
Biological Sciences	Agricultural Engineers	147	171	24	7	\$37.15	10	7
Biological Sciences	Foresters	158	169	11	3	\$35.42	32	103
Biological Sciences	Orthotists and Prosthetists	111	109	(2)	2	\$75.23	23	326
Biological Sciences/Engineer	Biomedical Engineers	1,220	1,688	468	76	\$48.31	287	183
Biology	Soil and Plant Scientists	424	466	42	19	\$34.75	94	3
Biology, Chemistry	Life Scientists, All Other	459	517	58	16	\$40.39	79	1,491
Business	Securities, Commodities, and Financial Services Sales Agents	31,415	37,825	6,410	1,634	\$34.53	7,564	75
Business	Accountants and Auditors	48,570	55,928	7,358	1,625	\$35.08	7,381	815
Business	Personal Financial Advisors	39,647	49,996	10,349	1,555	\$41.34	6,864	427
Business	Business Operations Specialists, All Other	37,446	40,128	2,682	1,127	\$36.30	5,164	296
Business	Market Research Analysts	15,016	17,371	2,355	660	\$41.47	2,081	1,074
Business	Financial Analysts	15,496	17,504	2,008	497	\$43.40	1,702	543
Business	Sales Engineers	8,448	8,825	377	363	\$51.87	851	0
Business	Human Resources, Training, and Labor Relations Specialists, All O	6,966	8,111	1,145	307	\$37.18	1,246	240
Business	Employment, Recruitment, and Placement Specialists	5,743	6,739	996	262	\$32.32	1,100	99
Business	Financial Specialists, All Other	7,084	7,838	754	212	\$38.15	1,085	398
Business	Cost Estimators	5,186	5,840	654	192	\$36.75	1,028	9,049
Business	Compensation, Benefits, and Job Analysis Specialists	3,763	4,389	626	167	\$33.59	644	99
Business	Budget Analysts	3,161	3,432	271	88	\$42.32	359	746
Business	Credit Analysts	1,815	1,986	171	58	\$38.30	292	752
Business	Tax Examiners, Collectors, and Revenue Agents	1,305	1,392	87	55	\$35.06	425	670
Business	Financial Examiners	940	1,185	245	44	\$48.38	161	670
Business	Insurance Underwriters	1,298	1,104	(194)	44	\$32.49	246	1
Business	Law Clerks	1,349	1,439	90	30	\$24.87	181	1,818
Business	Meeting and Convention Planners	2,512	2,715	203	79	\$29.33	429	0
Business/Industrial Technol	Construction Managers	10,049	11,301	1,252	216	\$34.81	1,150	8,252
Business/Psychology	Training and Development Specialists	4,909	5,823	914	228	\$37.26	992	141
Chemistry	Chemists	3,402	3,429	27	134	\$40.58	442	385
Chemistry/Biology	Medical and Clinical Laboratory Technologists	2,763	3,263	500	107	\$40.08	547	333
Communication Studies	Public Relations Specialists	9,882	11,498	1,616	410	\$32.73	1,417	810
Computer Science	Computer Software Engineers, Applications	44,130	53,993	9,863	1,458	\$52.79	2,984	1,408
Computer Science	Network Systems and Data Communications Analysts	20,568	28,238	7,670	1,206	\$38.14	2,890	462
Computer Science	Computer Software Engineers, Systems Software	37,793	44,751	6,958	1,087	\$56.90	2,330	1,155
Computer Science	Computer Systems Analysts	24,622	28,908	4,286	997	\$42.50	2,626	158
Computer Science	Network and Computer Systems Administrators	14,086	17,022	2,936	557	\$43.92	1,437	511
Computer Science	Computer Programmers	15,491	16,255	764	387	\$41.80	973	385
Computer Science	Computer Hardware Engineers	10,805	11,341	536	385	\$56.66	652	227
Computer Science	Database Administrators	4,671	5,609	938	180	\$44.00	513	244

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Early Childhood Education	Kindergarten Teachers, Except Special Education	4,990	5,571	581	163	\$25.87	1,042	1,789
Early Childhood Education	Special Education Teachers, Preschool, Kindergarten, and Elementary School	3,360	3,845	485	140	\$28.07	814	184
Engineering	Electronics Engineers, Except Computer	9,443	9,980	537	308	\$50.36	806	1,224
Engineering	Electrical Engineers	6,915	7,925	1,010	280	\$49.10	602	1,223
Engineering	Civil Engineers	10,409	11,262	853	279	\$44.12	1,157	722
Engineering	Industrial Engineers	6,050	7,104	1,054	279	\$45.00	883	52
Engineering	Engineers, All Other	9,926	10,407	481	272	\$49.04	1,049	357
Engineering	Mechanical Engineers	6,083	6,222	139	195	\$45.26	794	714
Engineering	Aerospace Engineers	3,649	4,177	528	135	\$49.88	534	73
Engineering	Environmental Engineers	1,374	1,658	284	59	\$46.00	232	14
Engineering	Materials Engineers	859	957	98	34	\$45.23	90	83
Engineering	Petroleum Engineers	695	821	126	29	\$55.69	69	18
Engineering	Nuclear Engineers	852	855	3	20	\$55.24	92	27
Engineering	Chemical Engineers	518	577	59	19	\$48.60	73	195
Engineering	Marine Engineers and Naval Architects	307	333	26	10	\$46.42	16	0
English	Writers and Authors	13,241	14,376	1,135	399	\$22.09	1,828	1,532
English	Editors	6,708	7,635	927	276	\$26.12	1,042	796
English	Reporters and Correspondents	2,084	2,231	147	75	\$18.48	340	601
English / Psychology	Education, Training, and Library Workers, All Other	1,494	1,695	201	55	\$20.65	507	29
English/Sciences	Technical Writers	3,703	4,455	752	142	\$42.46	449	50
Film	Film and Video Editors	1,120	1,334	214	51	\$26.85	390	800
Geography	Cartographers and Photogrammetrists	450	561	111	23	\$31.35	100	2
Geology	Physical Scientists, All Other	1,624	1,706	82	52	\$53.14	169	4
Geology	Materials Scientists	182	195	13	8	\$46.24	37	37
Geology	Mining and Geological Engineers, Including Mining Safety Engineers	282	283	1	7	\$46.13	24	0
Health	Health Diagnosing and Treating Practitioners, All Other	2,792	3,089	297	83	\$27.25	368	790
Health	Healthcare Practitioners and Technical Workers, All Other	1,927	2,061	134	79	\$32.13	401	534
Health	Health Educators	2,348	2,586	238	75	\$29.47	357	230
Health / Psychology Counselor	Occupational Health and Safety Specialists	854	939	85	38	\$37.00	175	335
Health / Psychology Counselor	Medical and Public Health Social Workers	2,754	3,116	362	108	\$30.69	535	223
Industrial Technology	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	675	725	50	23	\$44.08	85	14
Industrial Technology/Business Administration	Logisticians	2,865	3,366	501	119	\$39.05	464	25
Interior Design	Commercial and Industrial Designers	1,941	2,026	85	69	\$30.76	269	335
Liberal Studies/Teacher Preparation	Elementary School Teachers, Except Special Education	29,566	33,845	4,279	1,139	\$28.97	8,200	1,657
Liberal Studies/Teacher Preparation	Adult Literacy, Remedial Education, and GED Teachers and Instructors	2,839	3,313	474	95	\$25.87	476	116
Mass Communications	Camera Operators, Television, Video, and Motion Picture	882	1,013	131	36	\$24.84	273	429
Mass Communications	Broadcast News Analysts	223	249	26	9	\$29.15	51	679
Nutrition	Dietitians and Nutritionists	2,202	2,937	735	152	\$36.04	863	542
Physical Education	Athletic Trainers	205	230	25	9	\$22.52	51	336
Physical Education	Recreational Therapists	214	223	9	9	\$25.92	55	326
Psychology	Special Education Teachers, Middle School	487	544	57	19	\$32.51	222	180
Psychology Counseling	Loan Counselors	786	896	110	20	\$18.29	108	35
Psychology Counseling	Farm and Home Management Advisors	253	323	70	13	\$27.94	39	273
Psychology Counseling/Psychology	Special Education Teachers, Secondary School	1,833	2,009	176	67	\$35.21	417	180
Psychology Counseling/Sociology	Social Workers, All Other	2,873	4,497	1,624	247	\$30.24	1,465	928
Psychology Counseling/Sociology	Child, Family, and School Social Workers	4,183	4,365	182	125	\$25.09	927	861
Psychology Counseling/Sociology	Social and Community Service Managers	3,638	3,938	300	116	\$30.69	615	9,103
Psychology Counseling/Sociology	Substance Abuse and Behavioral Disorder Counselors	2,516	2,830	314	85	\$17.07	460	328
Psychology Counseling/Sociology	Therapists, All Other	2,202	2,566	364	83	\$29.95	402	366
Psychology Counseling/Sociology	Community and Social Service Specialists, All Other	2,635	2,850	215	80	\$24.23	453	280
Real Estate	Property, Real Estate, and Community Association Managers	34,108	38,728	4,620	1,085	\$23.51	5,072	61
Religious Studies	Directors, Religious Activities and Education	1,647	1,710	63	41	\$25.55	295	25
Religious Studies	Religious Workers, All Other	468	498	30	11	\$15.71	84	29
Sociology, Psychology	Survey Researchers	1,156	1,305	149	47	\$23.66	212	1,074
Theatre Arts	Set and Exhibit Designers	669	747	78	29	\$23.02	146	287
	Airline Pilots, Copilots, and Flight Engineers	2,517	2,758	241	122	\$59.55	339	0

SOURCE: Economic Modeling Specialists Inc., Custom Analysis, Spring 2012