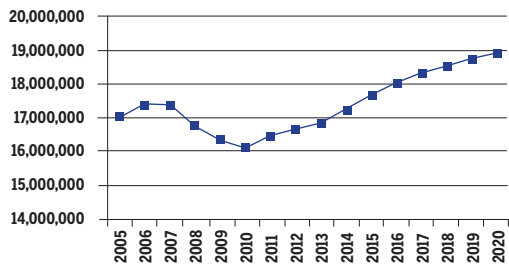


**CALIFORNIA**  
2010-2020 Total Job Openings 6,294,000

**CA TOTAL JOBS, excluding military**



OCCUPATION	2010 jobs	2020 jobs	Growth rate (%)
Managerial and Professional Office	2,415,440	2,876,040	19
STEM	790,080	967,510	22
Social Sciences	97,330	119,380	23
Community Services and Arts	868,740	1,019,710	17
Education	903,220	1,074,270	19
Healthcare Professional and Technical	608,250	767,960	26
Healthcare Support	352,750	465,670	32
Food and Personal Services	2,774,240	3,374,460	22
Sales and Office Support	4,302,480	4,917,110	14
Blue Collar	3,000,160	3,332,220	11
<b>TOTAL</b>	<b>16,112,680</b>	<b>18,914,310</b>	<b>17</b>

INDUSTRY	2010 jobs	2020 jobs	Growth rate (%)
Agriculture, Forestry, Fishing and Hunting	369,120	385,350	4
Mining, Quarrying, and Oil and Gas Extraction	46,340	63,730	38
Utilities	48,820	55,800	14
Construction	723,450	814,630	13
Manufacturing	1,105,720	1,133,830	3
Wholesale Trade	599,200	719,740	20
Retail Trade	1,553,190	1,733,450	12
Transportation and Warehousing	522,650	598,020	14
Information	417,210	461,730	11
Finance and Insurance	844,030	1,024,130	21
Real Estate and Rental and Leasing	832,910	982,000	18
Professional, Scientific, and Technical Services	1,402,550	1,785,860	27
Management of Companies and Enterprises	173,740	171,650	-1
Administrative and Support and Waste Management and Remediation Services	1,025,910	1,278,930	25
Educational Services	362,740	479,560	32
Healthcare and Social Assistance	1,532,200	1,950,160	27
Arts, Entertainment, and Recreation	437,820	519,560	19
Accommodation and Food Services	1,126,130	1,324,870	18
Other Services (except Public Administration)	1,007,690	1,226,150	22
Government	1,981,290	2,205,160	11
<b>TOTAL</b>	<b>16,112,680</b>	<b>18,914,310</b>	<b>17</b>

**JOB OPENINGS BY OCCUPATION AND EDUCATION LEVEL (IN THOUSANDS)**

OCCUPATION	Less than high school	High school diploma	Some college/ no degree	Associate's degree	Bachelor's degree	Master's degree or better
Managerial and Professional Office	25	91	178	69	381	213
STEM	2	12	43	20	142	103
Social Sciences	0	0	1	0	8	30
Community Services and Arts	6	21	58	26	167	61
Education	3	8	36	18	127	166
Healthcare Professional and Technical	3	12	35	50	76	83
Healthcare Support	14	41	55	21	17	4
Food and Personal Services	358	305	249	81	114	16
Sales and Office Support	133	385	524	154	368	72
Blue Collar	383	357	236	60	61	13
<b>TOTAL</b>	<b>927</b>	<b>1,232</b>	<b>1,416</b>	<b>499</b>	<b>1,459</b>	<b>762</b>

**RECOVERY:**

18 Projections of jobs and education requirements through 2020



## 2020 TOTAL JOBS BY OCCUPATION AND EDUCATION LEVEL

OCCUPATION	Less than high school	High school diploma	Some college/ no degree	Associate's degree	Bachelor's degree	Master's degree or better
<b>Managerial and Professional Office:</b>						
Management	55,650	167,600	316,560	106,660	547,760	305,750
Business operations	12,010	67,720	129,310	46,180	230,810	104,060
Financial services	5,170	29,760	69,260	44,680	340,970	117,490
Legal	850	8,290	18,210	9,800	25,320	113,180
<b>STEM :</b>						
Computers & mathematical sciences	1,670	21,500	81,150	33,250	232,750	137,230
Architecture	370	2,130	8,810	5,860	22,930	13,910
Engineering	2,330	9,070	29,470	17,550	122,110	85,720
Life & physical sciences	1,940	3,760	8,460	4,660	49,090	74,590
<b>Social Sciences</b>	-	640	3,880	390	23,110	88,560
<b>Community Services and Arts:</b>						
Community & social services	1,640	15,420	46,880	21,370	88,270	81,260
Arts, design, entertainment, sports & media	17,430	46,850	128,890	56,160	412,240	103,300
<b>Education, Training &amp; Library</b>	9,390	25,380	110,360	54,370	389,720	510,780
<b>Healthcare Professional &amp; Technical</b>	9,160	34,800	105,320	150,490	227,690	249,570
<b>Healthcare Support</b>	42,790	123,930	164,910	62,820	50,810	11,360
<b>Food and Personal Services:</b>						
Food preparation & serving related	462,210	362,570	216,460	60,330	89,780	8,650
Building and grounds cleaning & maintenance	437,130	247,640	133,610	30,010	37,530	5,380
Personal care & services	150,320	242,330	259,080	83,300	134,050	20,550
Protective services	11,080	52,810	131,700	67,850	77,740	14,380
<b>Sales and Office Support:</b>						
Sales & related	218,020	535,100	650,650	194,670	663,290	138,280
Office & administrative support	180,900	617,040	919,190	267,240	438,520	77,120
<b>Blue Collar:</b>						
Farming, fishing & forestry	197,100	45,090	15,130	4,810	5,580	1,520
Construction & extraction	226,740	253,360	163,720	31,700	35,190	6,690
Installation, maintenance & repair	89,040	176,790	167,050	56,840	34,840	5,660
Production	315,290	237,720	160,860	46,810	50,500	14,090
Transportation & material moving	321,650	358,660	203,720	39,020	56,720	10,320

