



- STEM jobs will be 6 percent of all jobs in California in 2018.
- California will demand a total of 1.1 million STEM jobs by 2018, up from 894,860 in 2008.
- This represents a 19 percent increase in STEM jobs, 2 percent points above the national average.
- 49 percent of STEM jobs in California will be in Computer Occupations by 2018.
- 93 percent of these jobs will require postsecondary education and training by 2018.
- 17 percent of all MA jobs and 29 percent of all PhD jobs in California will be in a STEM field by 2018.

| EDUCATIONAL DISTRIBUTION OF STEM JOBS IN CALIFORNIA (2018) | | |
|--|------------------|-------------|
| High school or less | 69,860 | 7% |
| Some college | 144,980 | 14% |
| Associate's degrees | 87,610 | 8% |
| Bachelor's degrees | 452,700 | 42% |
| Master's degrees | 242,200 | 23% |
| Doctoral degrees | 68,580 | 6% |
| TOTAL | 1,065,930 | 100% |

| Occupational Distribution of STEM Jobs | | | | |
|--|---------------------------|-------------------------|----------------------------|---------|
| ARCHITECTS, SURVEYORS, & TECHNICIANS | COMPUTERS* MATHEMATICIANS | ENGINEERS & TECHNICIANS | LIFE & PHYSICAL SCIENTISTS | |
| 64,410 | 517,890 | 27,260 | 316,600 | 139,780 |
| 6% | 49% | 3% | 30% | 13% |

*Computer Technicians, Programmers, and Scientists

| Percent of State's Jobs that will be in STEM, by educational attainment | | | | | |
|---|--------------|-------------|------------|----------|-----|
| HIGH SCHOOL OR LESS | SOME COLLEGE | ASSOCIATE'S | BACHELOR'S | MASTER'S | PhD |
| 1% | 6% | 4% | 11% | 14% | 29% |

