**California**

- 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.

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### Educational Distribution of STEM Jobs in California (2018)

<table>
<thead>
<tr>
<th>Educational Attainment</th>
<th>Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>High school or less</td>
<td>69,860</td>
<td>7%</td>
</tr>
<tr>
<td>Some college</td>
<td>144,980</td>
<td>14%</td>
</tr>
<tr>
<td>Associate’s degrees</td>
<td>87,610</td>
<td>8%</td>
</tr>
<tr>
<td>Bachelor’s degrees</td>
<td>452,700</td>
<td>42%</td>
</tr>
<tr>
<td>Master’s degrees</td>
<td>242,200</td>
<td>23%</td>
</tr>
<tr>
<td>Doctoral degrees</td>
<td>68,580</td>
<td>6%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1,065,930</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

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### Occupational Distribution of STEM Jobs

<table>
<thead>
<tr>
<th>Arch., Surveyors, Technicians</th>
<th>Computers</th>
<th>Mathematicians</th>
<th>Engineers &amp; Technicians</th>
<th>Life &amp; Physical Scientists</th>
</tr>
</thead>
<tbody>
<tr>
<td>64,410</td>
<td>517,890</td>
<td>27,260</td>
<td>316,600</td>
<td>139,780</td>
</tr>
<tr>
<td>6%</td>
<td>49%</td>
<td>3%</td>
<td>30%</td>
<td>13%</td>
</tr>
</tbody>
</table>

*Computer Technicians, Programmers, and Scientists

### Percent of State’s Jobs that will be in STEM, by educational attainment

<table>
<thead>
<tr>
<th>Educational Attainment</th>
<th>High School or Less</th>
<th>Some College</th>
<th>Associate’s</th>
<th>Bachelor’s</th>
<th>Master’s</th>
<th>PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1%</td>
<td>6%</td>
<td>4%</td>
<td>11%</td>
<td>14%</td>
<td>29%</td>
</tr>
</tbody>
</table>

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