

Employment Outlook 2016

- A specific set of Standard Occupational Classification System (SOC) codes were identified as needing at least a bachelor's degree to be competitive. The SOC codes reflect engineering, computer science, information technology, bioinformatics and materials science.
- The source of information used was the **Oregon Employment Department and IPEDS (Interpostsecondary Educational Data System)**.

Oregon 05-06 graduates

- In the non-duplicative report of Oregon graduates by Classification of Instructional Programs (CIP) codes corresponding to SOC codes needed:
 - For 2005-2006 (using CIPS from previous chart)=1,120
 - For 2005-2006 (adding NEW CIPS available)= 1,202 (used for chart)
 - For 2005-2006 (competitive education)= 488
 - Oregon Employment Dept. ALL CIPS for corresponding SOC's wanted, bachelors degrees only= 3,926
 - Oregon Employment Dept. ALL CIPS for corresponding SOC's wanted, taking into account competitive education= 2,511
 - Projected for 2016= $1,120 \times 10 = 11,200$
 - Projected for 2016= $1,202 \times 10 = 12,020$
 - Projected for 2016= $488 \times 10 = 4,880$
 - Projected for 2016= 39,260, more than the 22,124 jobs projected openings
 - Projected for 2016= 25,110, more than the 22,124 jobs projected openings

Employment/ Openings Results

- 2006 Employment by SOC Code = **72,997**
- 2016 Employment by SOC Code = **82,340**

- 2016 Job Openings due to:
 - Growth = **9,361**
 - Replacement = **12,763**
 - Total = **22,124**

* This total amount is possibly lower than it should be due to the fact that some careers like Petroleum or Nuclear Engineers are not recorded. Also, postsecondary teaching data is not available.





