

2004-2014 Oregon Employment							
<i>Source: Oregon Employment Department, Workforce Analysis, Brenda Turner, Brenda.p.Turner@state.or.us</i>							
<i>Additional formatting, subsetting and transcription: Jo Oshiro, OPAS Staff</i>							
SOC Job Titles related to Engineering, Applied Science, and Technology	2004 Employment	2014 Employment	Percent Growth	Growth Openings	Replacement Openings	Total Openings	Total Openings / 2004 Employment
All	93,829	107,166	14.2%	13,337	19,124	32,461	34.60%
Doctorate recommended	39	45	15.4%	6	14	20	51.28%
Master's recommended	27,482	30,750	11.9%	3,268	6,176	9,444	34.36%
Bachelor's recommended	39,505	46,685	18.2%	7,180	6,420	13,600	34.43%
Associate's recommended	19,689	21,583	9.6%	1,894	4,726	6,620	33.62%
Post-secondary training	7,114	8,103	13.9%	989	1,788	2,777	39.04%
<i>Note: Jo's selection of SOC Titles, above, includes more occupations than those listed below for comparison with national figures - see http://opas.ous.edu/Committees/Resources/Data/OR_Occupational_Outlook_2004_2014.xls, various worksheets.</i>							
SOC 15 "Computer and Mathematical Science occupations" only, Oregon	33,831	40,199	18.8%	6,368	4,998	11,366	33.60%
SOC 15 "Computer and Mathematical Science occupations" only, US National	3,152,800	4,119,800	30.7%	967,000			
SOC 17 "Architecture and Engineering Occupations" only, Oregon	34,470	39,238	13.8%	4,768	8,325	13,093	37.98%
SOC 17 "Architecture and Engineering Occupations" only, US National	2,519,900	2,834,700	12.5%	314,800			
SOC 15 + 17, Oregon	68,301	79,437	16.3%	11,136	13,323	24,459	35.81%
SOC 15 + 17, US National	5,672,700	6,954,500	22.6%	1,281,800			
<i>Source of US National Data: http://www.bls.gov/news.release/ecopro.t02.htm; source of Oregon data: http://opas.ous.edu/Committees/Resources/data/OR_Occupational_Outlook_2004_2014_all.xls</i>							