

Science and engineering profile: Oregon

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	8,290	566,330	23
Doctoral engineers, 2003	1,760 *	118,540	20
S&E doctorates awarded, 2004	274	26,275	28
Life sciences (percent)	42	27	na
Engineering (percent)	14	22	na
Social sciences (percent)	13	16	na
S&E and health postdoctorates in doctorate-granting institutions, 2003	274	46,807	30
S&E and health graduate students in doctorate-granting institutions, 2003	4,869	507,247	30
Population, 2004 (thousands)	3,595	297,550	28
Civilian labor force, 2004 (thousands)	1,856	148,769	27
Personal income per capita, 2004 (dollars)	30,584	33,041	31
Federal spending			
Total expenditures, 2003 (millions of dollars)	21,253	2,024,246	31
R&D obligations, 2003 (millions of dollars)	480	91,359	30
Total R&D performance, 2003 (millions of dollars)	3,572	277,577	23
Industry R&D, 2003 (millions of dollars)	2,973	198,244	19
Academic R&D, 2003 (millions of dollars)	437	40,055	27
Life sciences (percent)	66	59	na
Environmental sciences (percent)	10	5	na
Math and computer sciences (percent)	7	4	na
Number of SBIR awards, 1999-2004	385	31,847	22
Utility patents issued to state residents, 2004	1,725	84,268	16
Gross state product, 2004 (billions of dollars)	128	11,744	28

\*Coefficient of variation greater than 10% but less than 25%; na = not applicable; S&E = science and engineering; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Reliability of estimates of industry R&D and of doctoral scientists and engineers varies by state, because sample allocation was not based on geography. Rankings do not take into account the margin of error of estimates from sample surveys. Data on doctoral scientists and engineers include only recipients of doctoral degrees from U.S. institutions in S&E and health fields. The field percentages represent the largest three fields within the state.

Federal obligations for research and development, by agency and performer: Oregon, FY 2003  
(Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State and local government
All agencies	480,234	124,406	0	33,695	280,757	37,439	3,937	30
Department of Agriculture	49,979	37,050	0	100	12,705	50	74	13
Department of Commerce	4,882	3,247	0	272	1,183	0	180	29
Department of Defense	26,769	2,305	0	9,547	14,917	0	0	41
Department of Energy	13,454	0	0	7,861	5,497	96	0	28
Department of Health and Human Services	294,160	53,318	0	12,290	190,387	36,659	1,506	23
Department of the Interior	11,740	9,234	0	9	2,301	0	196	11
Department of Transportation	3,866	0	0	2,400	0	7	1,459	28
Environmental Protection Agency	24,006	19,035	0	0	4,449	0	522	4
National Aeronautics and Space Administration	9,308	217	0	389	8,075	627	0	37
National Science Foundation	42,070	0	0	827	41,243	0	0	22
Rank	30	30	na	40	24	20	34	na

FFRDC = federally funded research and development center.  
na = not applicable.

NOTES: Federal R&D obligations are as reported by funding agencies. Ranks and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, Data Sources for Science and Engineering (S&E) State Profiles.