

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, 2005	260	27,974	29
Life sciences (%)	35	26	-
Engineering (%)	15	23	-
Social sciences (%)	14	15	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	263	48,601	30
S&E and health graduate students in doctorate-granting institutions, 2005	4,962	527,767	29
Population, 2005 (thousands)	3,641	300,322	28
Civilian labor force, 2005 (thousands)	1,860	150,717	27
Personal income per capita, 2005 (dollars)	32,174	34,495	29
Federal spending			
Total expenditures, 2004 (\$millions)	21,871	2,136,440	31
R&D obligations, 2004 (\$millions)	449	98,936	32
Total R&D performance, 2004 (\$millions)	3,664	283,439	21
Industry R&D, 2004 (\$millions)	3,057	201,131	19
Academic R&D, 2005 (\$millions)	536	45,725	27
Life sciences (%)	68	60	-
Environmental sciences (%)	9	6	-
Math and computer sciences (%)	6	4	-
SBIR awards, 2000-05	395	33,289	21
Utility patents issued to state residents, 2005	1,618	74,630	14
Gross domestic product, 2005 (\$billions)	144	12,492	26

\*Coefficient of variation greater than 10% but less than 25%; -- = no value possible; 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. Rankings are based on unrounded totals. Reliability of estimates 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 2004  
(Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	448,788	64,717	0	55,243	286,929	36,665	5,234	32
Department of Agriculture	50,173	39,433	0	67	10,604	43	26	13
Department of Commerce	6,975	3,040	0	810	3,125	0	0	23
Department of Defense	30,097	1,466	0	16,188	12,443	0	0	44
Department of Energy	21,639	100	0	15,141	6,316	82	0	25
Department of Health and Human Services	255,820	0	0	14,475	202,923	36,108	2,314	23
Department of Homeland Security	5	0	0	5	0	0	0	42
Department of the Interior	10,857	9,085	0	30	1,392	0	350	10
Department of Transportation	5,025	0	0	3,142	0	0	1,883	24
Environmental Protection Agency	15,867	11,593	0	70	3,828	0	376	7
National Aeronautics and Space Administration	12,476	0	0	4,319	7,872	0	285	34
National Science Foundation	39,854	0	0	996	38,426	432	0	22
Rank	32	30	-	41	24	23	31	-

-- = no value possible.

FFRDC = federally funded research and development center.

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.