

Science and engineering profile: Washington

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	16,920	620,140	14
S&E doctorates awarded, 2006	544	29,854	17
Life sciences (%)	31	26	–
Engineering (%)	21	24	–
Physical sciences (%)	14	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	1,203	49,201	13
SEH graduate students in doctorate-granting institutions, 2006	7,423	542,073	24
Population, 2007 (thousands)	6,468	305,563	13
Civilian labor force, 2007 (thousands)	3,408	154,046	13
Personal income per capita, 2006 (\$)	38,067	36,629	17
Federal spending			
Total expenditures, 2005 (\$millions)	46,338	2,260,098	17
R&D obligations, 2005 (\$millions)	2,388	106,845	13
Total R&D performance, 2005 (\$millions)	11,864	310,194	10
Industry R&D, 2005 (\$millions)	9,736	222,427	6
Academic R&D, 2006 (\$millions)	988	47,735	14
Life sciences (%)	68	60	–
Engineering (%)	10	15	–
Environmental sciences (%)	10	5	–
SBIR awards, 2000–06	910	38,825	12
Utility patents issued to state residents, 2006	3,286	89,820	7
Gross domestic product, 2006 (\$billions)	294	13,235	14

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; 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; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

Federal obligations for research and development, by agency and performer: Washington, FY 2005 (Thousands of dollars)

Agency	Performer						Rank	
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	2,387,686	157,862	209,089	1,073,404	651,495	289,040	6,796	13
Department of Agriculture	48,230	32,021	0	0	16,059	150	0	15
Department of Commerce	59,793	49,396	0	40	10,054	129	174	3
Department of Defense	1,083,668	38,757	1,369	995,456	46,148	1,896	42	15
Department of Energy	182,018	11,653	143,435	3,529	22,208	1,193	0	9
Department of Health and Human Services	786,449	3,613	8,328	31,941	460,288	277,133	5,146	8
Department of Homeland Security	88,735	15,980	55,957	16,144	654	0	0	6
Department of the Interior	9,417	6,442	0	41	2,457	0	477	15
Department of Transportation	3,242	0	0	1,441	1,801	0	0	16
Environmental Protection Agency	2,537	0	0	70	1,928	150	389	24
National Aeronautics and Space Administration	30,723	0	0	20,760	9,395	0	568	18
National Science Foundation	92,874	0	0	3,982	80,503	8,389	0	14
Rank	13	22	10	12	11	5	15	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings 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 State Profiles".