

Science and engineering profile: Rhode Island

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	2,860	566,330	38
Doctoral engineers, 2003	520 *	118,540	37
S&E doctorates awarded, 2005	175	27,974	35
Life sciences (%)	23	26	-
Social sciences (%)	17	15	-
Physical sciences (%)	15	13	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	249	48,601	32
S&E and health graduate students in doctorate-granting institutions, 2005	2,316	527,767	41
Population, 2005 (thousands)	1,076	300,322	44
Civilian labor force, 2005 (thousands)	569	150,717	44
Personal income per capita, 2005 (dollars)	35,219	34,495	18
Federal spending			
Total expenditures, 2004 (\$millions)	8,245	2,136,440	45
R&D obligations, 2004 (\$millions)	495	98,936	30
Total R&D performance, 2004 (\$millions)	1,840	283,439	29
Industry R&D, 2004 (\$millions)	1,320	201,131	27
Academic R&D, 2005 (\$millions)	200	45,725	40
Life sciences (%)	45	60	-
Environmental sciences (%)	15	6	-
Engineering (%)	13	15	-
SBIR awards, 2000-05	125	33,289	33
Utility patents issued to state residents, 2005	263	74,630	39
Gross domestic product, 2005 (\$billions)	44	12,492	46

*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: Rhode Island, 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	495,259	259,668	0	51,553	113,817	68,292	1,929	30
Department of Agriculture	2,477	0	0	0	2,438	39	0	52
Department of Commerce	1,933	476	0	18	1,436	3	0	33
Department of Defense	304,142	242,630	0	45,375	16,076	61	0	22
Department of Energy	2,918	0	0	0	2,809	109	0	43
Department of Health and Human Services	131,975	0	0	5,697	58,884	66,391	1,003	31
Department of Homeland Security	35	0	0	35	0	0	0	40
Department of the Interior	1,672	1,361	0	0	311	0	0	44
Department of Transportation	960	0	0	34	0	0	926	49
Environmental Protection Agency	15,686	15,201	0	0	485	0	0	8
National Aeronautics and Space Administration	5,739	0	0	394	5,345	0	0	44
National Science Foundation	27,722	0	0	0	26,033	1,689	0	29
Rank	30	14	-	42	38	15	47	-

-- = 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.