Science and Engineering Profile: Rhode Island

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001[1]	2,370	542,940	40	Total R&D performance, 2000 (millions)	$1,501	$244,855	29
Doctoral engineers, 2001[1]	500	112,770	39	Industry R&D, 2000 (millions)	$1,090	$187,544	29
S&E doctorates awarded, 2001[1]	162	25,509	35	Academic R&D, 2001 (millions)	$143	$32,716	39
of which, in social sciences	21%	16%		of which, in life sciences	36%	59%	
in psychology	18%	13%		in environmental sciences	21%	6%	
in engineering	16%	22%		in engineering	14%	15%	
S&E postdoctorates, 2001[1]				Public higher education current-fund			
in doctorate-granting institutions	135	42,899	35	expenditures, 2000 (millions)	$421	$152,068	47
S&E graduate students, 2001[1]				Number of SBIR awards, 1999-2001	52	13,650	33
in doctorate-granting institutions	1,870	452,411	40	Utility patents issued to state residents, 2001	287	87,605	39
Population, 2002 (thousands)	1,070	292,228	44	Gross state product, 2000 (billions)	$36	$10,003	44
Civilian labor force, 2002 (thousands)	556	146,712	44	of which, agriculture	1%	1%	
				manufacturing, mining, construction	17%	22%	
Personal income per capita, 2001	$30,215	$30,472	17	transportation, communication, utilities	6%	8%	
				wholesale and retail trade	14%	16%	
Federal spending				finance, insurance, real estate	30%	19%	
Total expenditures, 2001 (millions)	$6,989	$1,753,011	44	services	20%	22%	
R&D obligations, 2001 (millions)	$437	$78,006	29	government	11%	12%	

[1]Data on graduate students, doctoral scientists, doctoral engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health Data on S&E doctorates awarded do not include health fields.

NOTES: Rankings and totals are based on data for the 50 States, District of Columbia, and Puerto Rico. Reliability of the estimates of industry R&D and of doctoral scientists and engineers varies by State, because the sample allocation was not based on geography. The rankings do not take into account the margin of error of estimates from sample surveys.

Federal Obligations for Research and Development by Agency and Performer: Rhode Island, Fiscal Year 2001

Agency	Performer							State rank, total
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	
	[In thousands of dollars]							
Total, all agencies	437,455	253,826	0	41,595	91,827	48,825	1,382	29
Department of Agriculture	2,086	5	0	0	2,029	52	0	52
Department of Commerce	3,768	1,181	0	671	1,911	5	0	29
Department of Defense	275,184	221,180	0	37,120	16,738	146	0	24
Department of Energy	2,508	0	0	0	2,399	109	0	43
Dept. of Health & Human Services	114,755	21,055	0	3,070	42,528	47,482	620	31
Department of the Interior	2,998	1,383	0	303	1,312	0	0	35
Department of Transportation	901	0	0	139	0	0	762	47
Environmental Protection Agency	9,308	9,022	0	0	261	25	0	14
National Aeronautics and Space Admin	3,629	0	0	292	3,161	176	0	42
National Science Foundation	22,318	0	0	0	21,488	830	0	30
State rank, total	29	16	na	39	37	16	50	na

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; 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".