

Science and engineering profile: New Hampshire

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	2,490	566,330	42
Doctoral engineers, 2003	840 *	118,540	29
S&E doctorates awarded, 2004	91	26,275	42
Life sciences (percent)	48	27	na
Mathematics and computer sciences (percent)	13	8	na
Engineering (percent)	12	22	na
S&E and health postdoctorates in doctorate-granting institutions, 2003	187	46,807	33
S&E and health graduate students in doctorate-granting institutions, 2003	1,719	507,247	46
Population, 2004 (thousands)	1,300	297,550	42
Civilian labor force, 2004 (thousands)	723	148,769	40
Personal income per capita, 2004 (dollars)	36,676	33,041	7
Federal spending			
Total expenditures, 2003 (millions of dollars)	7,349	2,024,246	46
R&D obligations, 2003 (millions of dollars)	363	91,359	36
Total R&D performance, 2003 (millions of dollars)	1,664	277,577	30
Industry R&D, 2003 (millions of dollars)	1,349	198,244	26
Academic R&D, 2003 (millions of dollars)	252	40,055	37
Life sciences (percent)	51	59	na
Environmental sciences (percent)	18	5	na
Engineering (percent)	16	15	na
Number of SBIR awards, 1999-2004	386	31,847	21
Utility patents issued to state residents, 2004	626	84,268	28
Gross state product, 2004 (billions of dollars)	52	11,744	41

*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: New Hampshire, 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	363,118	55,406	0	167,275	132,233	6,997	1,207	36
Department of Agriculture	10,138	6,108	0	0	3,593	372	65	44
Department of Commerce	14,501	90	0	602	13,809	0	0	14
Department of Defense	179,602	26,435	0	147,620	2,411	2,850	286	27
Department of Energy	2,445	0	0	1,353	1,092	0	0	47
Department of Health and Human Services	113,733	21,046	0	7,882	84,777	0	28	33
Department of the Interior	1,116	741	0	0	333	0	42	49
Department of Transportation	2,938	0	0	969	1,341	0	628	34
Environmental Protection Agency	383	0	0	225	0	0	158	43
National Aeronautics and Space Administration	23,064	486	0	7,977	10,826	3,775	0	23
National Science Foundation	15,198	500	0	647	14,051	0	0	42
Rank	36	38	na	26	34	39	47	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.