

Science and engineering profile: Vermont

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	1,690 †	620,140	47
S&E doctorates awarded, 2006	49	29,854	48
Life sciences (%)	55	26	–
Psychology (%)	24	11	–
Physical sciences (%)	10	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	79	49,201	44
SEH graduate students in doctorate-granting institutions, 2006	757	542,073	50
Population, 2007 (thousands)	621	305,563	50
Civilian labor force, 2007 (thousands)	354	154,046	49
Personal income per capita, 2006 (\$)	34,623	36,629	24
Federal spending			
Total expenditures, 2005 (\$millions)	4,645	2,260,098	52
R&D obligations, 2005 (\$millions)	171	106,845	45
Total R&D performance, 2005 (\$millions)	493	310,194	46
Industry R&D, 2005 (\$millions)	360	222,427	39
Academic R&D, 2006 (\$millions)	122	47,735	47
Life sciences (%)	88	60	–
Sciences, nec (%)	6	2	–
Engineering (%)	2	15	–
SBIR awards, 2000–06	99	38,825	44
Utility patents issued to state residents, 2006	437	89,820	32
Gross domestic product, 2006 (\$billions)	24	13,235	52

†Coefficient of variation >10% but < 25%; – = no value possible.

nec = not elsewhere classified; 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: Vermont, FY 2005 (Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	170,743	10,107	0	70,759	82,859	5,460	1,558	45
Department of Agriculture	9,202	2,391	0	0	6,811	0	0	48
Department of Commerce	1,267	97	0	0	1,170	0	0	38
Department of Defense	76,576	5,794	0	67,264	1,694	1,824	0	37
Department of Energy	2,292	0	0	300	1,028	964	0	47
Department of Health and Human Services	70,566	1,140	0	1,913	63,623	2,517	1,373	41
Department of Homeland Security	329	81	0	94	154	0	0	36
Department of the Interior	954	604	0	0	165	0	185	49
Department of Transportation	887	0	0	0	887	0	0	28
Environmental Protection Agency	694	0	0	0	539	155	0	37
National Aeronautics and Space Administration	1,829	0	0	1,089	740	0	0	50
National Science Foundation	6,147	0	0	99	6,048	0	0	50
Rank	45	48	–	36	41	40	36	–

– = 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".