Science and engineering profile: Minnesota

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	11,800	620,140	18
S&E doctorates awarded, 2006	533	29,854	18
Life sciences (%)	26	26	–
Engineering (%)	24	24	–
Psychology (%)	16	11	–
SEH postdoctorates in doctorate-granting institutions, 2006	1,057	49,201	15
SEH graduate students in doctorate-granting institutions, 2006	15,818	542,073	10
Population, 2007 (thousands)	5,198	305,563	21
Civilian labor force, 2007 (thousands)	2,931	154,046	21
Personal income per capita, 2006 ($)	38,751	36,629	14
Federal spending			
Total expenditures, 2005 ($millions)	31,067	2,260,098	27
R&D obligations, 2005 ($millions)	758	106,845	26
Total R&D performance, 2005 ($millions)	7,137	310,194	15
Industry R&D, 2005 ($millions)	6,340	222,427	11
Academic R&D, 2006 ($millions)	605	47,735	23
Life sciences (%)	72	60	–
Engineering (%)	9	15	–
Physical sciences (%)	5	8	–
SBIR awards, 2000–06	548	38,825	20
Utility patents issued to state residents, 2006	2,957	89,820	9
Gross domestic product, 2006 ($billions)	245	13,235	17

– = 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 classifed by employer's location.

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

	Performer							
Agency	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	State, local governments	Rank
All agencies	758,267	51,408	0	208,661	310,960	185,724	1,514	26
Department of Agriculture	34,530	21,075	0	0	13,455	0	0	23
Department of Commerce	3,018	10	0	2,164	844	0	0	27
Department of Defense	180,364	3,474	0	165,532	8,113	3,245	0	29
Department of Energy	12,689	0	0	4,500	8,189	0	0	31
Department of Health and Human Services	436,453	150	0	30,401	221,972	182,416	1,514	16
Department of Homeland Security	3,585	919	0	1,069	1,597	0	0	22
Department of the Interior	3,457	2,402	0	20	1,035	0	0	29
Department of Transportation	39	0	0	0	39	0	0	43
Environmental Protection Agency	24,884	23,378	0	0	1,506	0	0	6
National Aeronautics and Space Administration	8,176	0	0	2,434	5,742	0	0	41
National Science Foundation	51,072	0	0	2,541	48,468	63	0	21
Rank	26	36	–	26	24	9	37	–

– = 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".