

Science and Engineering Profile: Wisconsin

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 ¹	8,520	542,940	23	Total R&D performance, 2000 (millions).....	\$2,693	\$244,855	22
Doctoral engineers, 2001 ¹	1,610	112,770	22	Industry R&D, 2000 (millions).....	\$1,981	\$187,544	20
S&E doctorates awarded, 2001 ¹	530	25,509	16	Academic R&D, 2001 (millions).....	\$729	\$32,716	13
of which, in life sciences.....	28%	26%		of which, in life sciences.....	64%	59%	
in engineering.....	21%	22%		in engineering.....	12%	15%	
in social sciences.....	19%	16%		in physical sciences.....	8%	9%	
S&E postdoctorates, 2001 ¹				Public higher education current-fund			
in doctorate-granting institutions.....	638	42,899	22	expenditures, 2000 (millions).....	\$3,512	\$152,068	15
S&E graduate students, 2001 ¹				Number of SBIR awards, 1999-2001.....	151	13,650	23
in doctorate-granting institutions.....	8,486	452,411	17	Utility patents issued to state residents, 2001.....	1,837	87,605	16
Population, 2002 (thousands).....	5,441	292,228	20	Gross state product, 2000 (billions).....	\$173	\$10,003	20
Civilian labor force, 2002 (thousands).....	3,028	146,712	16	of which, agriculture.....	2%	1%	
Personal income per capita, 2001.....	\$29,270	\$30,472	21	manufacturing, mining, construction.....	30%	22%	
Federal spending				transportation, communication, utilities.....	7%	8%	
Total expenditures, 2001 (millions).....	\$26,645	\$1,753,011	23	wholesale and retail trade.....	16%	16%	
R&D obligations, 2001 (millions).....	\$488	\$78,006	27	finance, insurance, real estate.....	16%	19%	
				services.....	18%	22%	
				government.....	11%	12%	

¹Data 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: Wisconsin, 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.....	487,948	40,712	0	39,321	391,330	10,822	5,763	27
Department of Agriculture.....	46,855	29,655	0	121	16,966	0	113	13
Department of Commerce.....	1,774	285	0	567	922	0	0	38
Department of Defense.....	44,642	12	0	19,481	25,149	0	0	38
Department of Energy.....	25,021	0	0	0	25,021	0	0	23
Dept. of Health & Human Services.....	279,174	55	0	12,586	256,233	8,591	1,709	19
Department of the Interior.....	11,789	10,580	0	200	628	0	381	12
Department of Transportation.....	3,965	125	0	239	760	0	2,841	28
Environmental Protection Agency.....	1,591	0	0	568	460	0	563	31
National Aeronautics and Space Admin....	19,081	0	0	3,998	13,087	1,996	0	25
National Science Foundation.....	54,056	0	0	1,561	52,104	235	156	20
State rank, total.....	27	38	na	42	16	35	26	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".