

Science and engineering profile: Wisconsin

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	8,490	566,330	22
Doctoral engineers, 2003	1,560 *	118,540	23
S&E doctorates awarded, 2005	532	27,974	16
Life sciences (%)	31	26	-
Engineering (%)	18	23	-
Social sciences (%)	18	15	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	720	48,601	20
S&E and health graduate students in doctorate-granting institutions, 2005	9,123	527,767	20
Population, 2005 (thousands)	5,536	300,322	20
Civilian labor force, 2005 (thousands)	3,041	150,717	16
Personal income per capita, 2005 (dollars)	33,251	34,495	22
Federal spending			
Total expenditures, 2004 (\$millions)	31,554	2,136,440	24
R&D obligations, 2004 (\$millions)	645	98,936	27
Total R&D performance, 2004 (\$millions)	3,675	283,439	20
Industry R&D, 2004 (\$millions)	2,645	201,131	20
Academic R&D, 2005 (\$millions)	998	45,725	13
Life sciences (%)	65	60	-
Engineering (%)	10	15	-
Environmental sciences (%)	8	6	-
SBIR awards, 2000-05	328	33,289	24
Utility patents issued to state residents, 2005	1,489	74,630	18
Gross domestic product, 2005 (\$billions)	216	12,492	21

\*Coefficient of variation greater than 10% but less than 25%; -- = no value possible; 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. Rankings are based on unrounded totals. Reliability of estimates 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: Wisconsin, FY 2004  
(Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	644,575	56,372	0	72,858	486,511	17,639	11,195	27
Department of Agriculture	64,188	45,095	0	25	18,831	237	0	8
Department of Commerce	10,344	1,095	0	7,177	2,072	0	0	18
Department of Defense	55,977	184	0	39,919	15,874	0	0	40
Department of Energy	26,082	0	0	0	26,082	0	0	23
Department of Health and Human Services	378,881	1	0	17,179	338,114	16,945	6,642	18
Department of Homeland Security	1	0	0	1	0	0	0	44
Department of the Interior	14,956	9,997	0	0	4,959	0	0	7
Department of Transportation	3,432	0	0	3	277	0	3,152	32
Environmental Protection Agency	2,621	0	0	70	704	446	1,401	24
National Aeronautics and Space Administration	19,480	0	0	6,647	12,833	0	0	30
National Science Foundation	68,613	0	0	1,837	66,765	11	0	20
Rank	27	32	-	38	15	29	19	-

-- = no value possible.

FFRDC = federally funded research and development center.

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.