

Science and engineering profile: Indiana

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	8,720	566,330	20
Doctoral engineers, 2003	1,540 *	118,540	24
S&E doctorates awarded, 2004	630	26,275	15
Engineering (percent)	26	22	na
Life sciences (percent)	21	27	na
Social sciences (percent)	18	16	na
S&E and health postdoctorates in doctorate-granting institutions, 2003	764	46,807	19
S&E and health graduate students in doctorate-granting institutions, 2003	10,063	507,247	16
Population, 2004 (thousands)	6,238	297,550	14
Civilian labor force, 2004 (thousands)	3,170	148,769	15
Personal income per capita, 2004 (dollars)	30,070	33,041	34
Federal spending			
Total expenditures, 2003 (millions of dollars)	35,525	2,024,246	20
R&D obligations, 2003 (millions of dollars)	561	91,359	28
Total R&D performance, 2003 (millions of dollars)	4,487	277,577	19
Industry R&D, 2003 (millions of dollars)	3,658	198,244	16
Academic R&D, 2003 (millions of dollars)	726	40,055	18
Life sciences (percent)	51	59	na
Engineering (percent)	17	15	na
Physical sciences (percent)	10	8	na
Number of SBIR awards, 1999–2004	192	31,847	27
Utility patents issued to state residents, 2004	1,280	84,268	22
Gross state product, 2004 (billions of dollars)	228	11,744	16

*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: Indiana, 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	561,238	96,230	0	148,171	305,344	6,960	4,533	28
Department of Agriculture	17,706	6,171	0	0	11,528	7	0	38
Department of Commerce	2,751	213	0	1,109	754	0	675	33
Department of Defense	209,295	46,932	0	133,331	25,664	3,368	0	25
Department of Energy	21,063	0	0	142	20,921	0	0	25
Department of Health and Human Services	220,422	40,465	0	7,653	169,559	2,079	666	26
Department of the Interior	2,575	1,932	0	0	583	0	60	34
Department of Transportation	5,961	0	0	2,658	171	0	3,132	22
Environmental Protection Agency	1,749	0	0	0	451	1,298	0	30
National Aeronautics and Space Administration	11,801	517	0	2,582	8,494	208	0	33
National Science Foundation	67,915	0	0	696	67,219	0	0	18
Rank	28	32	na	29	23	40	30	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.