

Science and engineering profile: Illinois

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	21,370	566,330	7
Doctoral engineers, 2003	3,950	118,540	10
S&E doctorates awarded, 2005	1,332	27,974	6
Life sciences (%)	24	26	-
Engineering (%)	24	23	-
Social sciences (%)	15	15	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	1,483	48,601	8
S&E and health graduate students in doctorate-granting institutions, 2005	24,560	527,767	6
Population, 2005 (thousands)	12,763	300,322	5
Civilian labor force, 2005 (thousands)	6,469	150,717	5
Personal income per capita, 2005 (dollars)	36,264	34,495	14
Federal spending			
Total expenditures, 2004 (\$millions)	76,828	2,136,440	7
R&D obligations, 2004 (\$millions)	1,837	98,936	18
Total R&D performance, 2004 (\$millions)	11,300	283,439	8
Industry R&D, 2004 (\$millions)	8,554	201,131	8
Academic R&D, 2005 (\$millions)	1,771	45,725	7
Life sciences (%)	59	60	-
Engineering (%)	13	15	-
Physical sciences (%)	9	8	-
SBIR awards, 2000-05	506	33,289	18
Utility patents issued to state residents, 2005	2,752	74,630	6
Gross domestic product, 2005 (\$billions)	560	12,492	5

- = 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: Illinois, FY 2004  
(Thousands of dollars)

Agency	Total	Performer					State, local governments	Rank
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		
All agencies	1,836,518	119,462	522,500	183,673	918,994	79,271	12,618	18
Department of Agriculture	60,819	43,513	0	72	16,978	217	39	9
Department of Commerce	11,692	120	0	6,585	3,938	1,049	0	16
Department of Defense	240,353	47,822	8,150	126,906	56,510	965	0	24
Department of Energy	579,318	2,591	504,862	11,998	54,377	5,490	0	4
Department of Health and Human Services	683,934	100	9,483	16,677	590,129	62,299	5,246	10
Department of Homeland Security	33,735	24,144	0	9,137	454	0	0	7
Department of the Interior	1,473	956	0	0	466	0	51	46
Department of Transportation	9,302	216	5	1,782	1,153	74	6,072	16
Environmental Protection Agency	4,349	0	0	70	4,094	185	0	21
National Aeronautics and Space Administration	23,548	0	0	7,726	14,846	0	976	21
National Science Foundation	187,995	0	0	2,720	176,049	8,992	234	4
Rank	18	22	3	26	8	13	15	-

- = 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.