

## Science and Engineering Profile: Illinois

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 <sup>1</sup> .....	20,680	542,940	7	Total R&D performance, 2000 (millions).....	\$12,767	\$244,855	6
Doctoral engineers, 2001 <sup>1</sup> .....	3,940	112,770	9	Industry R&D, 2000 (millions).....	\$10,661	\$187,544	4
S&E doctorates awarded, 2001 <sup>1</sup> .....	1,323	25,509	5	Academic R&D, 2001 (millions).....	\$1,281	\$32,716	7
of which, in engineering.....	23%	22%		of which, in life sciences.....	58%	59%	
in life sciences.....	22%	26%		in engineering.....	15%	15%	
in social sciences.....	18%	16%		in physical sciences.....	10%	9%	
S&E postdoctorates, 2001 <sup>1</sup>				Public higher education current-fund			
in doctorate-granting institutions.....	1,352	42,899	8	expenditures, 2000 (millions).....	\$5,525	\$152,068	7
S&E graduate students, 2001 <sup>1</sup>				Number of SBIR awards, 1999-2001.....	223	13,650	17
in doctorate-granting institutions.....	24,516	452,411	4	Utility patents issued to state residents, 2001.....	3,640	87,605	7
Population, 2002 (thousands).....	12,601	292,228	5	Gross state product, 2000 (billions).....	\$467	\$10,003	5
Civilian labor force, 2002 (thousands).....	6,378	146,712	5	of which, agriculture.....	1%	1%	
Personal income per capita, 2001.....	\$33,023	\$30,472	10	manufacturing, mining, construction.....	21%	22%	
Federal spending				transportation, communication, utilities.....	9%	8%	
Total expenditures, 2001 (millions).....	\$65,036	\$1,753,011	7	wholesale and retail trade.....	16%	16%	
R&D obligations, 2001 (millions).....	\$1,694	\$78,006	15	finance, insurance, real estate.....	21%	19%	
				services.....	23%	22%	
				government.....	10%	12%	

<sup>1</sup>Data 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: Illinois, 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.....	1,693,883	78,766	481,578	282,268	742,005	91,301	17,965	15
Department of Agriculture.....	55,383	39,253	0	30	16,023	9	68	10
Department of Commerce.....	9,075	270	79	5,177	588	1,326	1,635	20
Department of Defense.....	270,641	32,944	4,521	158,656	73,844	676	0	25
Department of Energy.....	534,527	3,215	476,697	2,831	46,793	4,991	0	4
Dept. of Health & Human Services.....	617,827	173	0	106,696	418,657	80,155	12,146	8
Department of the Interior.....	2,787	2,128	0	1	623	35	0	36
Department of Transportation.....	8,272	190	0	2,468	1,430	68	4,116	19
Environmental Protection Agency.....	857	0	0	0	857	0	0	42
National Aeronautics and Space Admin....	16,367	593	221	3,351	11,105	1,097	0	29
National Science Foundation.....	178,147	0	60	3,058	172,085	2,944	0	4
State rank, total.....	15	28	3	22	8	13	4	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".