

# ILLINOIS

## Science and Engineering Profile

	IL	U.S.	Rank		IL	U.S.	Rank
Doctoral scientists, 1995	18,868	453,928	7	Total R&D performance, 1995 (millions)	\$7,487	\$177,210	7
Doctoral engineers, 1995	3,204	86,738	9	Industry R&D, 1995 (millions)	\$5,776	\$130,332	7
S&E doctorates awarded, 1996	1,476	27,230	5	Academic R&D, 1995 (millions)	\$818	\$21,606	7
of which, in engineering	22%	23%		of which, in life sciences	52%	55%	
in life sciences	21%	25%		in engineering	12%	16%	
in social sciences	20%	15%		in physical sciences	11%	10%	
S&E postdoctorates, 1995 in doctorate-granting institutions	1,070	35,379	9	Higher education current-fund expenditures, 1995 (millions)	\$9,397	\$182,602	5
S&E graduate students, 1995 in doctorate-granting institutions	21,181	436,328	6	Number of SBIR awards, 1990-1996	390	26,399	19
				Patents issued to state residents, 1996	3,144	61,099	5
Population, 1996 (000s)	11,847	269,067	6	Gross state product, 1994 (billions)	\$332.9	\$6,876.0	4
Civilian labor force, 1996 (000s)	6,100	135,528	5	of which, agriculture	1%	2%	
Personal income per capita, 1996	\$26,598	\$24,231	8	manufacturing, mining, construction	23%	23%	
Federal spending				transportation, communication, utilities	10%	9%	
Total expenditures, 1996 (millions)	\$51,232	\$1,368,858	6	wholesale and retail trade	16%	16%	
R&D obligations, 1995 (millions)	\$1,116	\$67,080	17	finance, insurance, real estate services	19%	19%	
				government	20%	20%	
					10%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development in Illinois by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	1,116,137	80,626	421,040	133,876	434,009	41,416	5,170	17
Department of Agriculture	43,469	31,311	0	240	11,904	14	0	7
Department of Commerce	19,638	540	4	17,652	1,442	0	0	14
Department of Defense	147,523	44,144	2,922	42,955	56,284	1,218	0	25
Department of Energy	499,033	0	417,794	56,875	21,481	2,454	429	4
Dept. of Health & Human Services	266,000	1,945	0	5,126	224,107	34,015	807	12
Department of the Interior	2,291	2,019	80	57	82	0	53	44
Department of Transportation	12,212	0	0	4,324	4,207	300	3,381	14
Environmental Protection Agency	3,941	0	0	1,737	1,344	360	500	24
Nat'l Aeronautics & Space Admin.	17,507	667	240	3,787	11,809	1,004	0	24
National Science Foundation	104,523	0	0	1,123	101,349	2,051	0	6
<b>State rank</b>	17	25	3	25	8	15	11	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable