

Science and engineering profile: Illinois

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	24,110	620,140	7
S&E doctorates awarded, 2006	1,466	29,854	6
Engineering (%)	23	24	–
Life sciences (%)	21	26	–
Physical sciences (%)	17	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	1,459	49,201	8
SEH graduate students in doctorate-granting institutions, 2006	25,639	542,073	6
Population, 2007 (thousands)	12,853	305,563	5
Civilian labor force, 2007 (thousands)	6,697	154,046	5
Personal income per capita, 2006 (\$)	38,297	36,629	16
Federal spending			
Total expenditures, 2005 (\$millions)	80,778	2,260,098	7
R&D obligations, 2005 (\$millions)	1,983	106,845	19
Total R&D performance, 2005 (\$millions)	12,519	310,194	8
Industry R&D, 2005 (\$millions)	9,712	222,427	7
Academic R&D, 2006 (\$millions)	1,824	47,735	7
Life sciences (%)	61	60	–
Engineering (%)	13	15	–
Physical sciences (%)	9	8	–
SBIR awards, 2000–06	588	38,825	18
Utility patents issued to state residents, 2006	3,294	89,820	6
Gross domestic product, 2006 (\$billions)	590	13,235	5

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; 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; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

Federal obligations for research and development, by agency and performer: Illinois, FY 2005 (Thousands of dollars)

Agency	Performer						Rank	
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	1,982,619	149,818	555,439	241,101	950,155	80,712	5,394	19
Department of Agriculture	60,240	43,830	0	0	16,183	198	29	10
Department of Commerce	6,752	106	54	2,455	4,137	0	0	23
Department of Defense	329,735	89,050	4,413	174,695	57,409	4,168	0	23
Department of Energy	596,980	1,610	527,265	12,350	49,979	5,776	0	4
Department of Health and Human Services	727,286	88	11,571	23,517	624,076	63,373	4,661	10
Department of Homeland Security	41,260	13,827	11,912	15,521	0	0	0	11
Department of the Interior	1,587	1,135	0	0	452	0	0	45
Department of Transportation	3,992	172	0	2,390	1,430	0	0	15
Environmental Protection Agency	3,288	0	0	471	2,492	325	0	20
National Aeronautics and Space Administration	21,185	0	0	8,439	12,256	0	490	24
National Science Foundation	190,314	0	224	1,263	181,741	6,872	214	4
Rank	19	23	3	24	8	14	21	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings 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 State Profiles".