

## Science and engineering profile: Missouri

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	9,300	620,140	23
S&E doctorates awarded, 2006	503	29,854	20
Life sciences (%)	27	26	–
Engineering (%)	25	24	–
Physical sciences (%)	14	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	671	49,201	22
SEH graduate students in doctorate-granting institutions, 2006	10,751	542,073	18
Population, 2007 (thousands)	5,878	305,563	18
Civilian labor force, 2007 (thousands)	3,031	154,046	18
Personal income per capita, 2006 (\$)	32,793	36,629	32
Federal spending			
Total expenditures, 2005 (\$millions)	48,273	2,260,098	16
R&D obligations, 2005 (\$millions)	4,040	106,845	7
Total R&D performance, 2005 (\$millions)	3,627	310,194	24
Industry R&D, 2005 (\$millions)	2,602	222,427	22
Academic R&D, 2006 (\$millions)	900	47,735	16
Life sciences (%)	82	60	–
Engineering (%)	7	15	–
Physical sciences (%)	4	8	–
SBIR awards, 2000–06	198	38,825	29
Utility patents issued to state residents, 2006	721	89,820	24
Gross domestic product, 2006 (\$billions)	226	13,235	22

– = 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: Missouri, FY 2005 (Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	4,040,346	113,197	0	3,337,671	566,216	18,885	4,377	7
Department of Agriculture	35,646	13,614	0	0	22,027	0	5	20
Department of Commerce	1,105	21	0	509	575	0	0	41
Department of Defense	3,427,585	90,898	0	3,321,071	14,933	683	0	3
Department of Energy	9,606	0	0	0	9,372	234	0	35
Department of Health and Human Services	493,191	558	0	6,927	468,139	13,255	4,312	12
Department of Homeland Security	729	1	0	3	0	725	0	31
Department of the Interior	8,656	8,100	0	82	451	0	23	16
Department of Transportation	1,672	5	0	3	391	1,273	0	21
Environmental Protection Agency	30	0	0	0	30	0	0	48
National Aeronautics and Space Administration	23,974	0	0	8,476	15,461	0	37	20
National Science Foundation	38,152	0	0	600	34,837	2,715	0	24
Rank	7	25	–	3	14	31	24	–

– = 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".