

Science and Engineering Profile: Missouri

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 ¹	8,850	542,940	21	Total R&D performance, 2000 (millions).....	\$2,583	\$244,855	23
Doctoral engineers, 2001 ¹	1,440	112,770	24	Industry R&D, 2000 (millions).....	\$1,893	\$187,544	21
S&E doctorates awarded, 2001 ¹	439	25,509	20	Academic R&D, 2001 (millions).....	\$678	\$32,716	15
of which, in life sciences.....	35%	26%		of which, in life sciences.....	80%	59%	
in engineering.....	16%	22%		in engineering.....	8%	15%	
in social sciences.....	16%	16%		in physical sciences.....	4%	9%	
S&E postdoctorates, 2001 ¹				Public higher education current-fund			
in doctorate-granting institutions.....	918	42,899	14	expenditures, 2000 (millions).....	\$2,618	\$152,068	20
S&E graduate students, 2001 ¹				Number of SBIR awards, 1999-2001.....	59	13,650	31
in doctorate-granting institutions.....	7,524	452,411	19	Utility patents issued to state residents, 2001.....	841	87,605	24
Population, 2002 (thousands).....	5,673	292,228	17	Gross state product, 2000 (billions).....	\$179	\$10,003	18
Civilian labor force, 2002 (thousands).....	2,990	146,712	17	of which, agriculture.....	1%	1%	
Personal income per capita, 2001.....	\$28,226	\$30,472	30	manufacturing, mining, construction.....	24%	22%	
Federal spending				transportation, communication, utilities.....	10%	8%	
Total expenditures, 2001 (millions).....	\$39,191	\$1,753,011	15	wholesale and retail trade.....	17%	16%	
R&D obligations, 2001 (millions).....	\$909	\$78,006	22	finance, insurance, real estate.....	15%	19%	
				services.....	21%	22%	
				government.....	11%	12%	

¹Data 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: Missouri, 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.....	909,440	42,889	0	396,393	427,822	36,187	6,149	22
Department of Agriculture.....	33,639	16,206	0	0	17,433	0	0	20
Department of Commerce.....	1,800	45	0	1,700	55	0	0	37
Department of Defense.....	394,294	11,744	0	374,204	8,346	0	0	20
Department of Energy.....	7,255	0	0	748	6,152	355	0	33
Dept. of Health & Human Services.....	399,621	637	0	2,869	362,415	31,213	2,487	13
Department of the Interior.....	17,145	14,257	0	1,520	786	0	582	7
Department of Transportation.....	4,030	0	0	7	710	364	2,949	27
Environmental Protection Agency.....	3,848	0	0	0	3,717	0	131	24
National Aeronautics and Space Admin....	24,711	0	0	15,182	6,022	3,507	0	21
National Science Foundation.....	23,097	0	0	163	22,186	748	0	29
State rank, total.....	22	37	na	17	13	20	24	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".