

Science and Engineering Profile: Kansas

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 ¹	4,170	542,940	34	Total R&D performance, 2000 (millions).....	\$1,420	\$244,855	31
Doctoral engineers, 2001 ¹	550	112,770	37	Industry R&D, 2000 (millions).....	\$1,140	\$187,544	28
S&E doctorates awarded, 2001 ¹	264	25,509	28	Academic R&D, 2001 (millions).....	\$269	\$32,716	32
of which, in life sciences.....	27%	26%		of which, in life sciences.....	62%	59%	
in engineering.....	19%	22%		in engineering.....	17%	15%	
in social sciences.....	17%	16%		in physical sciences.....	7%	9%	
S&E postdoctorates, 2001 ¹				Public higher education current-fund			
in doctorate-granting institutions.....	316	42,899	29	expenditures, 2000 (millions).....	\$1,734	\$152,068	32
S&E graduate students, 2001 ¹				Number of SBIR awards, 1999-2001.....	52	13,650	33
in doctorate-granting institutions.....	6,501	452,411	25	Utility patents issued to state residents, 2001.....	312	87,605	38
Population, 2002 (thousands).....	2,716	292,228	33	Gross state product, 2000 (billions).....	\$85	\$10,003	31
Civilian labor force, 2002 (thousands).....	1,414	146,712	31	of which, agriculture.....	3%	1%	
Personal income per capita, 2001.....	\$28,565	\$30,472	29	manufacturing, mining, construction.....	23%	22%	
Federal spending				transportation, communication, utilities.....	13%	8%	
Total expenditures, 2001 (millions).....	\$16,699	\$1,753,011	33	wholesale and retail trade.....	17%	16%	
R&D obligations, 2001 (millions).....	\$307	\$78,006	36	finance, insurance, real estate.....	13%	19%	
				services.....	17%	22%	
				government.....	13%	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: Kansas, 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.....	306,656	24,928	0	141,900	124,705	4,623	10,500	36
Department of Agriculture.....	31,503	9,490	0	0	22,003	10	0	23
Department of Commerce.....	801	0	0	765	36	0	0	49
Department of Defense.....	77,295	12,312	0	59,605	5,378	0	0	35
Department of Energy.....	6,740	0	0	75	6,665	0	0	34
Dept. of Health & Human Services.....	154,102	723	0	79,883	61,111	3,374	9,011	28
Department of the Interior.....	2,707	2,316	0	0	391	0	0	39
Department of Transportation.....	7,597	0	0	0	6,108	0	1,489	20
Environmental Protection Agency.....	1,449	87	0	0	961	401	0	32
National Aeronautics and Space Admin....	6,027	0	0	475	4,714	838	0	38
National Science Foundation.....	18,435	0	0	1,097	17,338	0	0	36
State rank, total.....	36	44	na	27	33	40	9	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".