

Science and engineering profile: Kansas

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	4,120	566,330	34
Doctoral engineers, 2003	740 *	118,540	33
S&E doctorates awarded, 2005	246	27,974	30
Life sciences (%)	26	26	-
Physical sciences (%)	20	13	-
Psychology (%)	18	12	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	317	48,601	29
S&E and health graduate students in doctorate-granting institutions, 2005	6,540	527,767	26
Population, 2005 (thousands)	2,745	300,322	34
Civilian labor force, 2005 (thousands)	1,476	150,717	31
Personal income per capita, 2005 (dollars)	32,948	34,495	24
Federal spending			
Total expenditures, 2004 (\$millions)	19,131	2,136,440	35
R&D obligations, 2004 (\$millions)	210	98,936	43
Total R&D performance, 2004 (\$millions)	2,169	283,439	28
Industry R&D, 2004 (\$millions)	1,804	201,131	24
Academic R&D, 2005 (\$millions)	349	45,725	33
Life sciences (%)	62	60	-
Engineering (%)	19	15	-
Physical sciences (%)	7	8	-
SBIR awards, 2000-05	115	33,289	35
Utility patents issued to state residents, 2005	380	74,630	32
Gross domestic product, 2005 (\$billions)	106	12,492	32

\*Coefficient of variation greater than 10% but less than 25%; -- = no value possible; S&E = science and engineering; 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. Reliability of estimates of doctoral scientists and engineers varies by state, because sample allocation was not based on geography. Rankings do not take into account the margin of error of estimates from sample surveys. Data on doctoral scientists and engineers include only recipients of doctoral degrees from U.S. institutions in S&E and health fields. The field percentages represent the largest three fields within the state.

Federal obligations for research and development, by agency and performer: Kansas, FY 2004  
(Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	209,990	30,555	0	47,462	128,107	2,008	1,858	43
Department of Agriculture	19,385	8,902	0	0	10,483	0	0	35
Department of Commerce	30	0	0	0	30	0	0	49
Department of Defense	61,180	18,945	0	35,662	6,565	8	0	39
Department of Energy	11,650	0	0	4,995	6,655	0	0	30
Department of Health and Human Services	75,393	571	0	2,328	70,988	1,504	2	37
Department of Homeland Security	0	0	0	0	0	0	0	-
Department of the Interior	2,372	2,137	0	0	235	0	0	36
Department of Transportation	7,526	0	0	207	4,967	496	1,856	20
Environmental Protection Agency	0	0	0	0	0	0	0	-
National Aeronautics and Space Administration	5,680	0	0	2,872	2,808	0	0	45
National Science Foundation	26,774	0	0	1,398	25,376	0	0	31
Rank	43	41	-	43	36	49	48	-

-- = no value possible.

FFRDC = federally funded research and development center.

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.