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, 2004	260	26,275	29
Life sciences (percent)	31	27	na
Psychology (percent)	20	13	na
Physical sciences (percent)	16	13	na
S&E and health postdoctorates in doctorate-granting institutions, 2003	340	46,807	27
S&E and health graduate students in doctorate-granting institutions, 2003	6,838	507,247	26
Population, 2004 (thousands)	2,736	297,550	34
Civilian labor force, 2004 (thousands)	1,464	148,769	31
Personal income per capita, 2004 (dollars)	31,003	33,041	27
Federal spending			
Total expenditures, 2003 (millions of dollars)	18,208	2,024,246	34
R&D obligations, 2003 (millions of dollars)	190	91,359	42
Total R&D performance, 2003 (millions of dollars)	2,024	277,577	28
Industry R&D, 2003 (millions of dollars)	1,675	198,244	24
Academic R&D, 2003 (millions of dollars)	310	40,055	32
Life sciences (percent)	63	59	na
Engineering (percent)	17	15	na
Physical sciences (percent)	7	8	na
Number of SBIR awards, 1999–2004	113	31,847	36
Utility patents issued to state residents, 2004	448	84,268	30
Gross state product, 2004 (billions of dollars)	99	11,744	32

*Coefficient of variation greater than 10% but less than 25%; na = not applicable; 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. Reliability of estimates of industry R&D and 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 2003
(Thousands of dollars)

		Performer						
Agency	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	State and local government	Rank
All agencies	189,979	35,115	0	20,120	127,939	4,243	2,562	42
Department of Agriculture	18,369	8,358	0	0	10,011	0	0	36
Department of Commerce	401	0	0	401	0	0	0	49
Department of Defense	25,247	6,499	0	12,011	5,356	1,381	0	42
Department of Energy	11,419	0	0	5,280	6,139	0	0	31
Department of Health and Human Services	97,133	18,192	0	1,831	74,300	1,926	884	35
Department of the Interior	2,655	2,066	0	0	558	0	31	33
Department of Transportation	6,003	0	0	0	4,356	0	1,647	21
Environmental Protection Agency	1,261	0	0	0	1,261	0	0	35
National Aeronautics and Space Administration	3,460	0	0	165	2,359	936	0	44
National Science Foundation	24,031	0	0	432	23,599	0	0	31
Rank	42	42	na	43	36	44	39	na

FFRDC = federally funded research and development center.

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.