

Science and engineering profile: Oklahoma

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	4,430	566,330	33
Doctoral engineers, 2003	960 *	118,540	28
S&E doctorates awarded, 2005	232	27,974	32
Life sciences (%)	30	26	-
Engineering (%)	22	23	-
Psychology (%)	18	12	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	184	48,601	35
S&E and health graduate students in doctorate-granting institutions, 2005	4,510	527,767	33
Population, 2005 (thousands)	3,548	300,322	29
Civilian labor force, 2005 (thousands)	1,742	150,717	29
Personal income per capita, 2005 (dollars)	29,908	34,495	40
Federal spending			
Total expenditures, 2004 (\$millions)	26,644	2,136,440	29
R&D obligations, 2004 (\$millions)	304	98,936	37
Total R&D performance, 2004 (\$millions)	814	283,439	38
Industry R&D, 2004 (\$millions)	410	201,131	38
Academic R&D, 2005 (\$millions)	292	45,725	36
Life sciences (%)	56	60	-
Engineering (%)	15	15	-
Environmental sciences (%)	12	6	-
SBIR awards, 2000-05	150	33,289	30
Utility patents issued to state residents, 2005	403	74,630	30
Gross domestic product, 2005 (\$billions)	121	12,492	29

*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: Oklahoma, 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	304,010	89,421	0	73,996	104,630	31,320	4,643	37
Department of Agriculture	21,989	12,196	0	0	9,740	0	53	34
Department of Commerce	11,094	6,768	0	1,135	3,191	0	0	17
Department of Defense	101,924	41,992	0	52,712	7,220	0	0	35
Department of Energy	9,195	2,007	0	1,500	4,148	1,540	0	35
Department of Health and Human Services	84,095	0	0	2,861	51,408	28,972	854	35
Department of Homeland Security	523	379	0	144	0	0	0	31
Department of the Interior	1,860	1,652	0	0	208	0	0	43
Department of Transportation	17,161	11,438	0	3,092	0	0	2,631	10
Environmental Protection Agency	14,161	12,989	0	225	947	0	0	10
National Aeronautics and Space Administration	22,680	0	0	11,577	9,998	0	1,105	24
National Science Foundation	19,328	0	0	750	17,770	808	0	37
Rank	37	26	-	37	40	25	33	-

- = 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.