

## Science and Engineering Profile: Oklahoma

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 <sup>1</sup> .....	4,240	542,940	33	Total R&D performance, 2000 (millions).....	\$660	\$244,855	37
Doctoral engineers, 2001 <sup>1</sup> .....	920	112,770	30	Industry R&D, 2000 (millions).....	\$333	\$187,544	37
S&E doctorates awarded, 2001 <sup>1</sup> .....	238	25,509	30	Academic R&D, 2001 (millions).....	\$255	\$32,716	33
of which, in life sciences.....	24%	26%		of which, in life sciences.....	47%	59%	
in social sciences.....	23%	16%		in engineering.....	16%	15%	
in engineering.....	21%	22%		in environmental sciences.....	12%	6%	
S&E postdoctorates, 2001 <sup>1</sup>				Public higher education current-fund			
in doctorate-granting institutions.....	167	42,899	32	expenditures, 2000 (millions).....	\$1,904	\$152,068	31
S&E graduate students, 2001 <sup>1</sup>				Number of SBIR awards, 1999-2001.....	40	13,650	38
in doctorate-granting institutions.....	4,377	452,411	31	Utility patents issued to state residents, 2001.....	576	87,605	29
Population, 2002 (thousands).....	3,494	292,228	29	Gross state product, 2000 (billions).....	\$92	\$10,003	29
Civilian labor force, 2002 (thousands).....	1,693	146,712	29	of which, agriculture.....	2%	1%	
Personal income per capita, 2001.....	\$25,071	\$30,472	40	manufacturing, mining, construction.....	26%	22%	
Federal spending				transportation, communication, utilities.....	9%	8%	
Total expenditures, 2001 (millions).....	\$22,672	\$1,753,011	29	wholesale and retail trade.....	16%	16%	
R&D obligations, 2001 (millions).....	\$226	\$78,006	41	finance, insurance, real estate.....	12%	19%	
				services.....	18%	22%	
				government.....	16%	12%	

<sup>1</sup>Data 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: Oklahoma, 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.....	225,762	53,475	0	68,664	80,482	20,161	2,980	41
Department of Agriculture.....	20,111	11,515	0	0	8,548	0	48	33
Department of Commerce.....	10,098	6,641	0	6	2,798	653	0	19
Department of Defense.....	77,129	14,159	0	59,398	3,572	0	0	36
Department of Energy.....	8,491	1,702	0	1,011	5,778	0	0	32
Dept. of Health & Human Services.....	57,257	13	0	883	37,145	18,180	1,036	40
Department of the Interior.....	2,135	1,820	0	0	302	0	13	43
Department of Transportation.....	15,725	9,945	0	3,857	40	0	1,883	11
Environmental Protection Agency.....	9,447	6,036	0	2,138	1,273	0	0	13
National Aeronautics and Space Admin....	8,195	1,644	0	594	5,269	688	0	34
National Science Foundation.....	17,174	0	0	777	15,757	640	0	38
State rank, total.....	41	33	na	35	39	28	41	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".