

Science and Engineering Profile: Texas

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 ¹	28,610	542,940	3	Total R&D performance, 2000 (millions).....	\$11,552	\$244,855	7
Doctoral engineers, 2001 ¹	8,910	112,770	2	Industry R&D, 2000 (millions).....	\$8,961	\$187,544	8
S&E doctorates awarded, 2001 ¹	1,598	25,509	3	Academic R&D, 2001 (millions).....	\$2,244	\$32,716	3
of which, in life sciences.....	26%	26%		of which, in life sciences.....	67%	59%	
in engineering.....	24%	22%		in engineering.....	14%	15%	
in psychology.....	14%	13%		in physical sciences.....	6%	9%	
S&E postdoctorates, 2001 ¹				Public higher education current-fund			
in doctorate-granting institutions.....	2,596	42,899	4	expenditures, 2000 (millions).....	\$10,820	\$152,068	2
S&E graduate students, 2001 ¹				Number of SBIR awards, 1999-2001.....	520	13,650	7
in doctorate-granting institutions.....	29,823	452,411	3	Utility patents issued to state residents, 2001.....	6,371	87,605	2
Population, 2002 (thousands).....	21,780	292,228	2	Gross state product, 2000 (billions).....	\$742	\$10,003	3
Civilian labor force, 2002 (thousands).....	10,751	146,712	2	of which, agriculture.....	1%	1%	
Personal income per capita, 2001.....	\$28,581	\$30,472	28	manufacturing, mining, construction.....	25%	22%	
Federal spending				transportation, communication, utilities.....	11%	8%	
Total expenditures, 2001 (millions).....	\$112,530	\$1,753,011	3	wholesale and retail trade.....	17%	16%	
R&D obligations, 2001 (millions).....	\$2,925	\$78,006	7	finance, insurance, real estate.....	15%	19%	
				services.....	20%	22%	
				government.....	11%	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: Texas, 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.....	2,925,350	526,748	0	1,151,597	1,136,115	96,999	13,891	7
Department of Agriculture.....	87,336	60,570	0	0	26,619	36	111	4
Department of Commerce.....	16,549	437	0	10,736	2,837	1,659	880	12
Department of Defense.....	1,093,572	173,935	0	775,923	132,040	11,674	0	12
Department of Energy.....	42,683	0	0	13,761	28,661	50	211	19
Dept. of Health & Human Services.....	879,642	108	0	18,567	794,207	65,103	1,657	7
Department of the Interior.....	11,165	6,400	0	374	4,194	25	172	13
Department of Transportation.....	12,873	170	0	1,608	1,121	0	9,974	13
Environmental Protection Agency.....	7,678	0	0	815	4,898	1,419	546	16
National Aeronautics and Space Admin....	673,617	285,003	0	327,725	44,981	15,568	340	3
National Science Foundation.....	100,235	125	0	2,088	96,557	1,465	0	8
State rank, total.....	7	8	na	8	5	11	6	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".