

## Science and engineering profile: Texas

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	30,000	566,330	3
Doctoral engineers, 2003	9,280	118,540	2
S&E doctorates awarded, 2005	1,781	27,974	3
Life sciences (%)	29	26	-
Engineering (%)	27	23	-
Social sciences (%)	11	15	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	2,908	48,601	4
S&E and health graduate students in doctorate-granting institutions, 2005	36,315	527,767	3
Population, 2005 (thousands)	22,860	300,322	2
Civilian labor force, 2005 (thousands)	11,226	150,717	2
Personal income per capita, 2005 (dollars)	32,604	34,495	28
Federal spending			
Total expenditures, 2004 (\$millions)	141,858	2,136,440	3
R&D obligations, 2004 (\$millions)	5,026	98,936	5
Total R&D performance, 2004 (\$millions)	14,266	283,439	5
Industry R&D, 2004 (\$millions)	10,992	201,131	5
Academic R&D, 2005 (\$millions)	3,074	45,725	3
Life sciences (%)	66	60	-
Engineering (%)	13	15	-
Physical sciences (%)	6	8	-
SBIR awards, 2000-05	1,426	33,289	6
Utility patents issued to state residents, 2005	5,260	74,630	2
Gross domestic product, 2005 (\$billions)	989	12,492	2

- = 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: Texas, FY 2004

(Thousands of dollars)

Agency	Total	Performer					State, local governments	Rank
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		
All agencies	5,025,951	259,608	5,977	3,301,999	1,302,878	116,465	39,024	5
Department of Agriculture	97,586	60,911	0	0	36,655	20	0	5
Department of Commerce	18,218	930	0	15,841	1,447	0	0	13
Department of Defense	3,172,109	147,009	5,810	2,921,502	93,555	2,619	1,614	4
Department of Energy	47,370	0	0	16,544	28,743	2,083	0	17
Department of Health and Human Services	1,143,884	401	167	46,658	1,005,415	69,864	21,379	6
Department of Homeland Security	2,406	1,754	0	338	250	64	0	25
Department of the Interior	9,498	6,152	0	1,886	1,444	1	15	12
Department of Transportation	21,013	0	0	4,643	1,112	614	14,644	8
Environmental Protection Agency	4,645	0	0	190	1,943	2,268	244	20
National Aeronautics and Space Administration	403,545	42,451	0	290,379	32,027	38,134	554	4
National Science Foundation	105,677	0	0	4,018	100,287	798	574	10
Rank	5	15	18	2	6	10	6	-

- = 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.