

Science and engineering profile: Texas

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	36,000	620,140	3
S&E doctorates awarded, 2006	1,930	29,854	3
Engineering (%)	28	24	–
Life sciences (%)	26	26	–
Physical sciences (%)	12	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	3,189	49,201	4
SEH graduate students in doctorate-granting institutions, 2006	37,004	542,073	3
Population, 2007 (thousands)	23,904	305,563	2
Civilian labor force, 2007 (thousands)	11,492	154,046	2
Personal income per capita, 2006 (\$)	35,058	36,629	22
Federal spending			
Total expenditures, 2005 (\$millions)	148,683	2,260,098	2
R&D obligations, 2005 (\$millions)	4,989	106,845	5
Total R&D performance, 2005 (\$millions)	15,867	310,194	4
Industry R&D, 2005 (\$millions)	12,438	222,427	5
Academic R&D, 2006 (\$millions)	3,271	47,735	3
Life sciences (%)	67	60	–
Engineering (%)	14	15	–
Physical sciences (%)	6	8	–
SBIR awards, 2000–06	1,693	38,825	6
Utility patents issued to state residents, 2006	6,308	89,820	2
Gross domestic product, 2006 (\$billions)	1,066	13,235	2

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; 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; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

Federal obligations for research and development, by agency and performer: Texas, FY 2005 (Thousands of dollars)

Agency	Performer						Rank	
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	4,988,545	211,549	368	3,279,042	1,363,627	126,712	7,247	5
Department of Agriculture	99,050	63,293	0	0	35,735	0	22	4
Department of Commerce	16,992	81	0	13,596	2,688	20	607	14
Department of Defense	3,258,970	141,074	201	2,983,452	128,504	5,739	0	5
Department of Energy	55,120	584	0	17,668	32,832	4,036	0	16
Department of Health and Human Services	1,132,122	2	167	39,607	1,025,667	61,280	5,399	7
Department of Homeland Security	1,284	772	0	171	109	232	0	28
Department of the Interior	13,465	5,743	0	3,068	4,574	80	0	8
Department of Transportation	4,764	0	0	2,396	623	1,745	0	13
Environmental Protection Agency	3,399	0	0	70	2,810	340	179	19
National Aeronautics and Space Administration	294,839	0	0	213,924	28,452	52,221	242	6
National Science Foundation	108,540	0	0	5,090	101,633	1,019	798	10
Rank	5	19	18	4	5	10	11	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings 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 State Profiles".