

Science and engineering profile: Georgia

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	12,640	566,330	16
Doctoral engineers, 2003	1,670 *	118,540	21
S&E doctorates awarded, 2005	742	27,974	12
Engineering (%)	34	23	-
Life sciences (%)	24	26	-
Social sciences (%)	12	15	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	1,245	48,601	10
S&E and health graduate students in doctorate-granting institutions, 2005	10,857	527,767	16
Population, 2005 (thousands)	9,073	300,322	9
Civilian labor force, 2005 (thousands)	4,588	150,717	9
Personal income per capita, 2005 (dollars)	31,191	34,495	34
Federal spending			
Total expenditures, 2004 (\$millions)	55,153	2,136,440	13
R&D obligations, 2004 (\$millions)	1,308	98,936	22
Total R&D performance, 2004 (\$millions)	3,655	283,439	22
Industry R&D, 2004 (\$millions)	2,160	201,131	22
Academic R&D, 2005 (\$millions)	1,274	45,725	12
Life sciences (%)	54	60	-
Engineering (%)	24	15	-
Math and computer sciences (%)	6	4	-
SBIR awards, 2000-05	349	33,289	23
Utility patents issued to state residents, 2005	1,214	74,630	20
Gross domestic product, 2005 (\$billions)	364	12,492	10

*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: Georgia, 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	1,308,381	251,428	0	490,091	534,960	22,237	9,665	22
Department of Agriculture	67,975	49,353	0	41	18,553	8	20	6
Department of Commerce	1,887	82	0	17	1,788	0	0	34
Department of Defense	531,033	48,448	0	431,351	42,583	8,651	0	20
Department of Energy	39,357	0	0	20,786	13,290	5,281	0	18
Department of Health and Human Services	515,912	129,274	0	9,931	369,403	6,653	651	12
Department of Homeland Security	18,200	12,597	0	4,793	810	0	0	17
Department of the Interior	5,405	5,048	0	0	234	0	123	20
Department of Transportation	6,711	0	0	785	43	25	5,858	22
Environmental Protection Agency	12,447	6,626	0	612	3,914	1,237	58	14
National Aeronautics and Space Administration	28,794	0	0	18,495	8,434	0	1,865	18
National Science Foundation	80,660	0	0	3,280	75,908	382	1,090	17
Rank	22	16	-	19	14	28	22	-

-- = 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.