

Science and engineering profile: South Carolina

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	5,910	620,140	27
S&E doctorates awarded, 2006	238	29,854	31
Engineering (%)	31	24	–
Life sciences (%)	26	26	–
Physical sciences (%)	13	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	360	49,201	27
SEH graduate students in doctorate-granting institutions, 2006	3,720	542,073	36
Population, 2007 (thousands)	4,408	305,563	24
Civilian labor force, 2007 (thousands)	2,137	154,046	24
Personal income per capita, 2006 (\$)	29,688	36,629	48
Federal spending			
Total expenditures, 2005 (\$millions)	32,044	2,260,098	25
R&D obligations, 2005 (\$millions)	408	106,845	33
Total R&D performance, 2005 (\$millions)	2,108	310,194	29
Industry R&D, 2005 (\$millions)	1,402	222,427	28
Academic R&D, 2006 (\$millions)	524	47,735	28
Life sciences (%)	52	60	–
Engineering (%)	20	15	–
Environmental sciences (%)	7	5	–
SBIR awards, 2000–06	155	38,825	32
Utility patents issued to state residents, 2006	577	89,820	29
Gross domestic product, 2006 (\$billions)	149	13,235	27

– = 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: South Carolina, FY 2005 (Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	408,407	80,286	30,964	74,122	175,168	40,952	6,915	33
Department of Agriculture	19,921	11,933	0	0	7,988	0	0	36
Department of Commerce	30,286	20,936	0	4,381	3,600	17	1,352	6
Department of Defense	133,265	43,752	209	49,012	18,426	21,866	0	33
Department of Energy	40,165	0	28,235	5,958	5,924	48	0	17
Department of Health and Human Services	131,720	2	0	6,173	117,842	2,686	5,017	31
Department of Homeland Security	6,716	2,005	2,520	2,191	0	0	0	20
Department of the Interior	2,302	1,565	0	0	383	0	354	39
Department of Transportation	310	0	0	0	310	0	0	37
Environmental Protection Agency	955	0	0	0	108	695	152	34
National Aeronautics and Space Administration	14,230	0	0	4,791	9,399	0	40	31
National Science Foundation	28,537	93	0	1,616	11,188	15,640	0	29
Rank	33	29	14	34	32	21	14	–

– = 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".