

Science and Engineering Profile: South Carolina

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 ¹	5,030	542,940	29	Total R&D performance, 2000 (millions).....	\$1,126	\$244,855	33
Doctoral engineers, 2001 ¹	980	112,770	29	Industry R&D, 2000 (millions).....	\$781	\$187,544	31
S&E doctorates awarded, 2001 ¹	216	25,509	32	Academic R&D, 2001 (millions).....	\$361	\$32,716	28
of which, in life sciences.....	30%	26%		of which, in life sciences.....	54%	59%	
in engineering.....	23%	22%		in engineering.....	21%	15%	
in psychology.....	13%	13%		in physical sciences.....	8%	9%	
S&E postdoctorates, 2001 ¹				Public higher education current-fund			
in doctorate-granting institutions.....	386	42,899	26	expenditures, 2000 (millions).....	\$2,515	\$152,068	22
S&E graduate students, 2001 ¹				Number of SBIR awards, 1999-2001.....	47	13,650	35
in doctorate-granting institutions.....	3,522	452,411	35	Utility patents issued to state residents, 2001.....	565	87,605	30
Population, 2002 (thousands).....	4,107	292,228	25	Gross state product, 2000 (billions).....	\$113	\$10,003	28
Civilian labor force, 2002 (thousands).....	1,968	146,712	25	of which, agriculture.....	1%	1%	
Personal income per capita, 2001.....	\$24,886	\$30,472	42	manufacturing, mining, construction.....	27%	22%	
Federal spending				transportation, communication, utilities.....	9%	8%	
Total expenditures, 2001 (millions).....	\$24,675	\$1,753,011	26	wholesale and retail trade.....	17%	16%	
R&D obligations, 2001 (millions).....	\$314	\$78,006	35	finance, insurance, real estate.....	14%	19%	
				services.....	16%	22%	
				government.....	15%	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: South Carolina, 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.....	314,287	54,738	38,915	48,064	142,167	22,433	7,970	35
Department of Agriculture.....	19,224	9,924	0	0	9,257	43	0	36
Department of Commerce.....	15,661	11,514	0	1,459	1,691	0	997	13
Department of Defense.....	96,006	26,399	647	31,962	22,059	14,939	0	32
Department of Energy.....	50,099	0	38,268	1,855	9,914	62	0	17
Dept. of Health & Human Services.....	97,972	0	0	12,130	78,575	2,978	4,289	32
Department of the Interior.....	3,220	2,564	0	0	310	0	346	34
Department of Transportation.....	2,567	0	0	24	408	0	2,135	33
Environmental Protection Agency.....	877	0	0	0	174	500	203	39
National Aeronautics and Space Admin....	5,346	0	0	34	3,316	1,996	0	40
National Science Foundation.....	23,315	4,337	0	600	16,463	1,915	0	28
State rank, total.....	35	32	15	38	31	27	14	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".