

Science and Engineering Profile: Florida

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 ¹	16,330	542,940	12	Total R&D performance, 2000 (millions).....	\$4,663	\$244,855	15
Doctoral engineers, 2001 ¹	3,080	112,770	12	Industry R&D, 2000 (millions).....	\$3,212	\$187,544	14
S&E doctorates awarded, 2001 ¹	781	25,509	9	Academic R&D, 2001 (millions).....	\$997	\$32,716	10
of which, in engineering.....	23%	22%		of which, in life sciences.....	52%	59%	
in life sciences.....	20%	26%		in engineering.....	16%	15%	
in psychology.....	20%	13%		in environmental sciences.....	10%	6%	
S&E postdoctorates, 2001 ¹				Public higher education current-fund			
in doctorate-granting institutions.....	687	42,899	20	expenditures, 2000 (millions).....	\$4,948	\$152,068	8
S&E graduate students, 2001 ¹				Number of SBIR awards, 1999-2001.....	310	13,650	12
in doctorate-granting institutions.....	20,945	452,411	6	Utility patents issued to state residents, 2001.....	2,649	87,605	10
Population, 2002 (thousands).....	16,713	292,228	4	Gross state product, 2000 (billions).....	\$472	\$10,003	4
Civilian labor force, 2002 (thousands).....	8,084	146,712	4	of which, agriculture.....	2%	1%	
Personal income per capita, 2001.....	\$28,947	\$30,472	23	manufacturing, mining, construction.....	12%	22%	
Federal spending				transportation, communication, utilities.....	8%	8%	
Total expenditures, 2001 (millions).....	\$99,998	\$1,753,011	4	wholesale and retail trade.....	19%	16%	
R&D obligations, 2001 (millions).....	\$2,648	\$78,006	8	finance, insurance, real estate.....	21%	19%	
				services.....	25%	22%	
				government.....	12%	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: Florida, 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.....	2,648,421	865,362	0	1,269,435	476,702	24,405	12,517	8
Department of Agriculture.....	56,833	32,033	0	0	24,685	30	85	9
Department of Commerce.....	40,339	25,007	0	3,851	10,151	25	1,305	6
Department of Defense.....	1,877,239	630,978	0	1,145,296	94,321	6,644	0	6
Department of Energy.....	20,760	0	0	10,032	10,171	557	0	25
Dept. of Health & Human Services.....	250,707	0	0	11,942	226,977	8,928	2,860	22
Department of the Interior.....	21,445	18,851	0	622	1,801	0	171	4
Department of Transportation.....	9,817	0	0	1,133	1,789	0	6,895	16
Environmental Protection Agency.....	10,791	6,086	0	224	3,576	79	826	12
National Aeronautics and Space Admin....	276,084	152,407	0	94,803	22,257	6,617	0	7
National Science Foundation.....	84,406	0	0	1,532	80,974	1,525	375	10
State rank, total.....	8	7	na	6	12	25	8	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".