

Science and engineering profile: Florida

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	16,970	566,330	12
Doctoral engineers, 2003	3,730	118,540	12
S&E doctorates awarded, 2005	977	27,974	9
Engineering (%)	24	23	-
Life sciences (%)	21	26	-
Psychology (%)	15	12	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	1,410	48,601	9
S&E and health graduate students in doctorate-granting institutions, 2005	25,498	527,767	5
Population, 2005 (thousands)	17,790	300,322	4
Civilian labor force, 2005 (thousands)	8,654	150,717	4
Personal income per capita, 2005 (dollars)	34,099	34,495	21
Federal spending			
Total expenditures, 2004 (\$millions)	121,934	2,136,440	4
R&D obligations, 2004 (\$millions)	2,740	98,936	12
Total R&D performance, 2004 (\$millions)	5,409	283,439	17
Industry R&D, 2004 (\$millions)	3,486	201,131	18
Academic R&D, 2005 (\$millions)	1,449	45,725	11
Life sciences (%)	54	60	-
Engineering (%)	14	15	-
Environmental sciences (%)	11	6	-
SBIR awards, 2000-05	790	33,289	11
Utility patents issued to state residents, 2005	2,291	74,630	11
Gross domestic product, 2005 (\$billions)	673	12,492	4

- = 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: Florida, FY 2004
(Thousands of dollars)

Agency	Total	Performer					State, local governments	Rank
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		
All agencies	2,739,984	553,708	0	1,550,383	548,126	62,338	25,429	12
Department of Agriculture	56,942	35,314	0	0	20,958	0	670	11
Department of Commerce	32,854	19,416	0	1,931	8,684	2,744	79	5
Department of Defense	2,043,276	430,682	0	1,506,573	88,355	4,766	12,900	8
Department of Energy	14,773	0	0	1,900	12,420	453	0	28
Department of Health and Human Services	356,723	0	0	15,236	287,482	52,729	1,276	19
Department of Homeland Security	11,883	9,238	0	2,492	11	0	142	19
Department of the Interior	33,737	24,665	0	458	8,195	89	330	4
Department of Transportation	10,663	1	0	489	1,323	239	8,611	13
Environmental Protection Agency	21,845	18,807	0	0	2,601	437	0	6
National Aeronautics and Space Administration	65,081	15,585	0	18,053	29,987	35	1,421	14
National Science Foundation	92,207	0	0	3,251	88,110	846	0	14
Rank	12	8	-	9	13	17	9	-

- = 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.