

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, 2004	991	26,275	9
Engineering (percent)	23	22	na
Psychology (percent)	22	13	na
Life sciences (percent)	21	27	na
S&E and health postdoctorates in doctorate-granting institutions, 2003	1,014	46,807	14
S&E and health graduate students in doctorate-granting institutions, 2003	24,208	507,247	6
Population, 2004 (thousands)	17,397	297,550	4
Civilian labor force, 2004 (thousands)	8,396	148,769	4
Personal income per capita, 2004 (dollars)	31,460	33,041	25
Federal spending			
Total expenditures, 2003 (millions of dollars)	113,341	2,024,246	4
R&D obligations, 2003 (millions of dollars)	2,522	91,359	11
Total R&D performance, 2003 (millions of dollars)	5,172	277,577	16
Industry R&D, 2003 (millions of dollars)	3,181	198,244	18
Academic R&D, 2003 (millions of dollars)	1,205	40,055	11
Life sciences (percent)	52	59	na
Engineering (percent)	15	15	na
Environmental sciences (percent)	10	5	na
Number of SBIR awards, 1999–2004	745	31,847	12
Utility patents issued to state residents, 2004	2,456	84,268	11
Gross state product, 2004 (billions of dollars)	599	11,744	4

na = not applicable.

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. Reliability of estimates of industry R&D and 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 2003
(Thousands of dollars)

Agency	Total	Performer					State and local government	Rank
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		
All agencies	2,522,054	721,277	0	1,193,445	531,488	64,649	11,195	11
Department of Agriculture	54,856	34,172	0	0	20,104	180	400	10
Department of Commerce	52,842	30,776	0	3,183	11,826	5,134	1,923	4
Department of Defense	1,527,945	404,115	0	1,025,321	88,850	9,659	0	7
Department of Energy	14,956	0	0	1,875	12,552	529	0	27
Department of Health and Human Services	383,279	69,979	0	9,159	260,384	41,908	1,849	19
Department of the Interior	36,836	27,761	0	4,477	4,319	0	279	4
Department of Transportation	24,989	102	0	15,992	2,327	0	6,568	6
Environmental Protection Agency	18,136	13,934	0	218	3,826	158	0	7
National Aeronautics and Space Administration	306,656	140,438	0	131,015	28,987	6,040	176	6
National Science Foundation	101,559	0	0	2,205	98,313	1,041	0	11
Rank	11	9	na	10	13	16	6	na

FFRDC = federally funded research and development center.

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.