

Science and engineering profile: Puerto Rico

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	1,690	620,140	47
S&E doctorates awarded, 2006	77	29,854	44
Psychology (%)	52	11	–
Physical sciences (%)	16	13	–
Life sciences (%)	16	26	–
SEH postdoctorates in doctorate-granting institutions, 2006	21	49,201	49
SEH graduate students in doctorate-granting institutions, 2006	4,526	542,073	32
Population, 2007 (thousands)	3,941	305,563	27
Civilian labor force, 2007 (thousands)	1,394	154,046	32
Personal income per capita, 2006 (\$)	12,997	36,629	52
Federal spending			
Total expenditures, 2005 (\$millions)	16,174	2,260,098	36
R&D obligations, 2005 (\$millions)	101	106,845	49
Total R&D performance, 2005 (\$millions)	na	310,194	na
Industry R&D, 2005 (\$millions)	na	222,427	na
Academic R&D, 2006 (\$millions)	102	47,735	50
Life sciences (%)	58	60	–
Physical sciences (%)	18	8	–
Engineering (%)	11	15	–
SBIR awards, 2000–06	10	38,825	52
Utility patents issued to state residents, 2006	25	89,820	52
Gross domestic product, 2006 (\$billions)	86	13,235	36

– = no value possible. na = not applicable; data were not collected.

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. The original source of personal income per capita data and gross domestic product data for Puerto Rico is the Puerto Rico Planning Board. NSF obtained the figures from *Puerto Rico in Figures 2006*, published by the Government Development Bank for Puerto Rico, November 2007.

Federal obligations for research and development, by agency and performer: Puerto Rico, 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	101,433	8,769	10,515	1,006	79,111	785	1,247	49
Department of Agriculture	11,957	6,945	0	0	4,877	135	0	42
Department of Commerce	722	0	0	0	722	0	0	43
Department of Defense	1,467	0	0	0	1,467	0	0	52
Department of Energy	1,019	0	0	0	1,019	0	0	50
Department of Health and Human Services	64,111	1,332	0	0	61,030	650	1,099	43
Department of Homeland Security	0	0	0	0	0	0	0	–
Department of the Interior	600	492	0	0	108	0	0	51
Department of Transportation	0	0	0	0	0	0	0	–
Environmental Protection Agency	0	0	0	0	0	0	0	–
National Aeronautics and Space Administration	2,524	0	0	0	2,376	0	148	48
National Science Foundation	19,033	0	10,515	1,006	7,512	0	0	36
Rank	49	49	17	52	43	51	43	–

– = 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".