

Science and engineering profile: District of Columbia

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	6,750	566,330	26
Doctoral engineers, 2003	390 *	118,540	41
S&E doctorates awarded, 2005	307	27,974	27
Social sciences (%)	39	15	-
Life sciences (%)	22	26	-
Psychology (%)	20	12	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	64	48,601	44
S&E and health graduate students in doctorate-granting institutions, 2005	10,561	527,767	17
Population, 2005 (thousands)	551	300,322	51
Civilian labor force, 2005 (thousands)	296	150,717	51
Personal income per capita, 2005 (dollars)	56,329	34,495	1
Federal spending			
Total expenditures, 2004 (\$millions)	37,630	2,136,440	21
R&D obligations, 2004 (\$millions)	3,055	98,936	9
Total R&D performance, 2004 (\$millions)	2,383	283,439	27
Industry R&D, 2004 (\$millions)	182	201,131	45
Academic R&D, 2005 (\$millions)	303	45,725	35
Life sciences (%)	62	60	-
Math and computer sciences (%)	13	4	-
Physical sciences (%)	9	8	-
SBIR awards, 2000-05	100	33,289	38
Utility patents issued to state residents, 2005	55	74,630	48
Gross domestic product, 2005 (\$billions)	82	12,492	36

\*Coefficient of variation greater than 10% but less than 25%; - = 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: District of Columbia, FY 2004  
(Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	3,054,815	1,641,369	450	872,477	195,260	252,714	92,545	9
Department of Agriculture	235,035	218,238	0	15,056	837	904	0	1
Department of Commerce	4,503	958	0	160	1,143	2,242	0	27
Department of Defense	1,727,894	935,882	450	728,207	23,819	39,493	43	10
Department of Energy	286,638	268,131	0	3,949	1,486	13,072	0	8
Department of Health and Human Services	242,338	9,560	0	15,050	147,992	68,424	1,312	24
Department of Homeland Security	75,998	52,310	0	18,863	0	4,825	0	4
Department of the Interior	2,038	1,820	0	5	155	58	0	41
Department of Transportation	175,275	91,541	0	59,190	1,029	8,105	15,410	1
Environmental Protection Agency	70,079	56,178	0	3,099	763	10,039	0	3
National Aeronautics and Space Administration	129,879	1,864	0	25,622	7,496	19,117	75,780	9
National Science Foundation	105,138	4,887	0	3,276	10,540	86,435	0	11
Rank	9	4	19	15	30	6	3	-

- = 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.