District of Columbia

Science and Engineering Profile

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 1999[1]	13,260	518,670	14	Total R&D performance, 1999 (millions)	$2,510	$231,832	23
Doctoral engineers, 1999[1]	960	107,100	28	Industry R&D, 1999 (millions)	$171	$177,171	43
S&E doctorates awarded, 2000[1]	342	25,979	26	Academic R&D, 1999 (millions)	$218	$27,038	34
of which, in social sciences	36%	16%		of which, in life sciences	63%	57%	
in life sciences	21%	26%		in physical sciences	10%	9%	
in psychology	19%	14%		in social sciences	7%	5%	
S&E postdoctorates, 2000[1]				Public higher education current-fund			
in doctorate-granting institutions	102	41,548	37	expenditures, 1997 (millions)	$107	$125,236	52
S&E graduate students, 2000[1]				Number of SBIR awards, 1995-2000	84	26,424	32
in doctorate-granting institutions	8,003	435,612	18	Patents issued to state residents, 2000	62	85,068	49
Population, 2000 (thousands)	572	285,231	51	Gross state product, 1999 (billions)	$56	$9,369	37
Civilian labor force, 2000 (thousands)	279	142,172	51	of which, agriculture	0%	1%	
				manufacturing, mining, construction	3%	22%	
Personal income per capita, 2000	$38,374	$29,451	2	transportation, communication, utilities	5%	8%	
				wholesale and retail trade	4%	16%	
Federal spending				finance, insurance, real estate	13%	19%	
Total expenditures, 2000 (millions)	$28,254	$1,615,468	21	services	37%	21%	
R&D obligations, 1999 (millions)	$2,452	$73,718	9	government	38%	12%	

NOTE: 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.

[1]Data on graduate students, doctoral scientists and engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health fields. Data on S&E doctorates awarded do not include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1999

Agency	Total	Performer: Federal Intramural	Performer: All FFRDCs	Performer: Industrial firms	Performer: Universities & colleges	Performer: Other nonprofits	Performer: State & local government	State rank, total
	[In thousands of dollars]							
Total, all agencies	2,451,606	1,912,131	159	175,078	157,232	202,661	4,345	9
Department of Agriculture	174,269	158,047	0	14,615	1,033	574	0	1
Department of Commerce	16,630	15,072	0	82	825	651	0	12
Department of Defense	1,087,263	963,045	159	88,244	27,916	6,120	1,779	9
Department of Energy	422,461	406,447	0	2,225	1,372	12,417	0	5
Dept. of Health & Human Services	233,954	47,743	0	16,208	101,512	68,421	70	16
Department of the Interior	2,678	2,165	0	173	190	150	0	47
Department of Transportation	168,268	106,614	0	42,483	10,567	7,714	890	1
Environmental Protection Agency	59,829	42,241	0	5,580	501	10,251	1,256	2
National Aeronautics and Space Admin	208,128	167,534	0	4,842	7,177	28,225	350	8
National Science Foundation	78,126	3,223	0	626	6,139	68,138	0	9
State rank, total	9	2	20	21	28	4	28	na

NOTE: 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.

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; na = not applicable.

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".