Science and Engineering Profile: Alaska

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001[1]	1,350	542,940	48	Total R&D performance, 2000 (millions)	$196	$244,855	47
Doctoral engineers, 2001[1]	80	112,770	52	Industry R&D, 2000 (millions)	$9	$187,544	50
S&E doctorates awarded, 2001[1]	26	25,509	52	Academic R&D, 2001 (millions)	$116	$32,716	42
of which, in life sciences	50%	26%		of which, in other sciences	27%	2%	
in environmental sciences	27%	3%		in environmental sciences	26%	6%	
in physical sciences	12%	13%		in life sciences	14%	59%	
S&E postdoctorates, 2001[1]				Public higher education current-fund			
in doctorate-granting institutions	0	42,899	52	expenditures, 2000 (millions)	$386	$152,068	49
S&E graduate students, 2001[1]				Number of SBIR awards, 1999-2001	9	13,650	51
in doctorate-granting institutions	453	452,411	52	Utility patents issued to state residents, 2001	50	87,605	51
Population, 2002 (thousands)	644	292,228	48	Gross state product, 2000 (billions)	$28	$10,003	47
Civilian labor force, 2002 (thousands)	323	146,712	50	of which, agriculture	2%	1%	
				manufacturing, mining, construction	30%	22%	
Personal income per capita, 2001	$30,936	$30,472	15	transportation, communication, utilities	16%	8%	
				wholesale and retail trade	10%	16%	
Federal spending				finance, insurance, real estate	10%	19%	
Total expenditures, 2001 (millions)	$6,403	$1,753,011	46	services	13%	22%	
R&D obligations, 2001 (millions)	$212	$78,006	42	government	19%	12%	

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

NOTES: 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.

Federal Obligations for Research and Development by Agency and Performer: Alaska, Fiscal Year 2001

Agency	Performer							State rank, total
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	
	[In thousands of dollars]							
Total, all agencies	212,215	98,997	0	15,534	73,849	13,912	9,923	42
Department of Agriculture	15,539	9,775	0	0	5,449	50	265	37
Department of Commerce	52,029	40,325	0	555	8,768	361	2,020	4
Department of Defense	41,948	28,963	0	9,309	3,671	5	0	39
Department of Energy	3,254	0	0	2,603	651	0	0	42
Dept. of Health & Human Services	17,295	2,569	0	343	6,550	4,035	3,798	49
Department of the Interior	21,312	15,834	0	1,530	2,780	0	1,168	5
Department of Transportation	4,506	1,401	0	5	0	1,200	1,900	26
Environmental Protection Agency	862	0	0	62	28	0	772	40
National Aeronautics and Space Admin	17,948	130	0	261	12,907	4,650	0	26
National Science Foundation	37,522	0	0	866	33,045	3,611	0	24
State rank, total	42	24	na	45	40	33	11	na

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; 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".