

## Science and engineering profile: Alaska

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	1,110 †	620,140	50
S&E doctorates awarded, 2006	21	29,854	52
Life sciences (%)	43	26	–
Environmental sciences (%)	33	3	–
Physical sciences (%)	10	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	0	49,201	51
SEH graduate students in doctorate-granting institutions, 2006	661	542,073	52
Population, 2007 (thousands)	683	305,563	48
Civilian labor force, 2007 (thousands)	352	154,046	50
Personal income per capita, 2006 (\$)	38,622	36,629	15
Federal spending			
Total expenditures, 2005 (\$millions)	9,230	2,260,098	44
R&D obligations, 2005 (\$millions)	234	106,845	42
Total R&D performance, 2005 (\$millions)	266	310,194	49
Industry R&D, 2005 (\$millions)	32	222,427	50
Academic R&D, 2006 (\$millions)	163	47,735	43
Environmental sciences (%)	50	5	–
Life sciences (%)	23	60	–
Engineering (%)	12	15	–
SBIR awards, 2000–06	26	38,825	51
Utility patents issued to state residents, 2006	36	89,820	51
Gross domestic product, 2006 (\$billions)	41	13,235	47

† Coefficient of variation >10% but < 25%; – = no value possible.

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.

## Federal obligations for research and development, by agency and performer: Alaska, 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	233,543	69,565	0	66,555	82,004	10,615	4,804	42
Department of Agriculture	22,467	12,721	0	0	9,646	100	0	35
Department of Commerce	20,347	9,919	0	77	9,102	789	460	12
Department of Defense	105,354	27,029	0	57,656	20,669	0	0	35
Department of Energy	8,857	0	0	6,000	2,545	0	312	36
Department of Health and Human Services	16,478	2,980	0	440	8,033	993	4,032	50
Department of Homeland Security	853	0	0	2	0	851	0	30
Department of the Interior	22,252	16,916	0	1,208	2,420	1,708	0	5
Department of Transportation	708	0	0	0	284	424	0	29
Environmental Protection Agency	15	0	0	0	0	15	0	49
National Aeronautics and Space Administration	10,628	0	0	861	9,767	0	0	35
National Science Foundation	25,584	0	0	311	19,538	5,735	0	32
Rank	42	32	–	38	42	34	23	–

– = 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".