

Science and engineering profile: Hawaii

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	2,850	620,140	39
S&E doctorates awarded, 2006	91	29,854	43
Social sciences (%)	35	14	–
Life sciences (%)	23	26	–
Environmental sciences (%)	14	3	–
SEH postdoctorates in doctorate-granting institutions, 2006	98	49,201	43
SEH graduate students in doctorate-granting institutions, 2006	2,058	542,073	43
Population, 2007 (thousands)	1,283	305,563	43
Civilian labor force, 2007 (thousands)	649	154,046	43
Personal income per capita, 2006 (\$)	36,826	36,629	19
Federal spending			
Total expenditures, 2005 (\$millions)	12,699	2,260,098	41
R&D obligations, 2005 (\$millions)	384	106,845	35
Total R&D performance, 2005 (\$millions)	513	310,194	45
Industry R&D, 2005 (\$millions)	168	222,427	45
Academic R&D, 2006 (\$millions)	257	47,735	38
Life sciences (%)	33	60	–
Environmental sciences (%)	25	5	–
Physical sciences (%)	16	8	–
SBIR awards, 2000–06	137	38,825	34
Utility patents issued to state residents, 2006	84	89,820	46
Gross domestic product, 2006 (\$billions)	58	13,235	41

– = 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: Hawaii, 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	384,401	79,911	0	120,769	157,239	24,749	1,733	35
Department of Agriculture	26,485	11,401	0	0	9,395	5,689	0	29
Department of Commerce	14,377	6,184	0	72	5,558	2,563	0	16
Department of Defense	216,598	55,675	0	109,822	46,259	4,842	0	26
Department of Energy	2,621	0	0	0	2,581	40	0	44
Department of Health and Human Services	64,418	1,006	0	6,295	45,104	10,433	1,580	42
Department of Homeland Security	0	0	0	0	0	0	0	–
Department of the Interior	9,616	5,645	0	0	3,971	0	0	14
Department of Transportation	0	0	0	0	0	0	0	–
Environmental Protection Agency	747	0	0	0	747	0	0	35
National Aeronautics and Space Administration	23,464	0	0	4,280	19,031	0	153	21
National Science Foundation	26,075	0	0	300	24,593	1,182	0	31
Rank	35	30	–	29	33	30	35	–

– = 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".