

Science and engineering profile: Montana

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	1,990 †	620,140	46
S&E doctorates awarded, 2006	65	29,854	46
Life sciences (%)	52	26	–
Physical sciences (%)	18	13	–
Psychology (%)	11	11	–
SEH postdoctorates in doctorate-granting institutions, 2006	135	49,201	39
SEH graduate students in doctorate-granting institutions, 2006	1,477	542,073	47
Population, 2007 (thousands)	958	305,563	45
Civilian labor force, 2007 (thousands)	501	154,046	45
Personal income per capita, 2006 (\$)	30,886	36,629	42
Federal spending			
Total expenditures, 2005 (\$millions)	7,814	2,260,098	47
R&D obligations, 2005 (\$millions)	177	106,845	44
Total R&D performance, 2005 (\$millions)	318	310,194	47
Industry R&D, 2005 (\$millions)	77	222,427	48
Academic R&D, 2006 (\$millions)	173	47,735	42
Life sciences (%)	63	60	–
Physical sciences (%)	12	8	–
Engineering (%)	9	15	–
SBIR awards, 2000–06	209	38,825	28
Utility patents issued to state residents, 2006	121	89,820	43
Gross domestic product, 2006 (\$billions)	32	13,235	49

†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: Montana, 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	176,841	58,284	0	26,573	78,058	12,134	1,792	44
Department of Agriculture	28,376	15,849	0	1	10,046	2,480	0	28
Department of Commerce	152	16	0	0	136	0	0	49
Department of Defense	24,050	1,145	0	10,127	9,733	3,045	0	46
Department of Energy	7,942	0	0	2,183	5,294	465	0	38
Department of Health and Human Services	79,020	36,130	0	6,054	29,632	6,144	1,060	37
Department of Homeland Security	335	335	0	0	0	0	0	35
Department of the Interior	7,331	4,809	0	41	1,749	0	732	17
Department of Transportation	0	0	0	0	0	0	0	–
Environmental Protection Agency	363	0	0	70	293	0	0	40
National Aeronautics and Space Administration	14,639	0	0	6,842	7,797	0	0	30
National Science Foundation	14,633	0	0	1,255	13,378	0	0	41
Rank	44	35	–	45	44	33	33	–

– = 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".