

Science and engineering profile: Maine

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	2,370	566,330	43
Doctoral engineers, 2003	250 **	118,540	46
S&E doctorates awarded, 2004	30	26,275	51
Life sciences (percent)	30	27	na
Psychology (percent)	23	13	na
Physical sciences (percent)	20	13	na
S&E and health postdoctorates in doctorate-granting institutions, 2003	32	46,807	48
S&E and health graduate students in doctorate-granting institutions, 2003	734	507,247	50
Population, 2004 (thousands)	1,317	297,550	41
Civilian labor force, 2004 (thousands)	699	148,769	42
Personal income per capita, 2004 (dollars)	29,973	33,041	35
Federal spending			
Total expenditures, 2003 (millions of dollars)	9,966	2,024,246	42
R&D obligations, 2003 (millions of dollars)	145	91,359	45
Total R&D performance, 2003 (millions of dollars)	372	277,577	47
Industry R&D, 2003 (millions of dollars)	200	198,244	46
Academic R&D, 2003 (millions of dollars)	75	40,055	50
Life sciences (percent)	34	59	na
Environmental sciences (percent)	30	5	na
Engineering (percent)	15	15	na
Number of SBIR awards, 1999–2004	117	31,847	34
Utility patents issued to state residents, 2004	134	84,268	42
Gross state product, 2004 (billions of dollars)	43	11,744	45

**Coefficient of variation 25% or greater; na = not applicable; S&E = science and engineering; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Reliability of estimates of industry R&D and of doctoral scientists and engineers varies by state, because sample allocation was not based on geography. Rankings do not take into account the margin of error of estimates from sample surveys. Data on doctoral scientists and engineers include only recipients of doctoral degrees from U.S. institutions in S&E and health fields. The field percentages represent the largest three fields within the state.

Federal obligations for research and development, by agency and performer: Maine, FY 2003
(Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State and local government
All agencies	144,936	23,933	0	14,064	29,571	72,580	4,788	45
Department of Agriculture	8,362	2,270	0	0	5,797	200	95	49
Department of Commerce	4,078	1,180	0	1,003	1,543	120	232	31
Department of Defense	22,227	2,656	0	11,258	6,161	2,152	0	43
Department of Energy	1,736	0	0	340	1,233	163	0	48
Department of Health and Human Services	90,201	15,955	0	1,049	2,292	67,241	3,664	37
Department of the Interior	2,323	1,872	0	0	362	0	89	38
Department of Transportation	708	0	0	0	0	0	708	50
Environmental Protection Agency	923	0	0	0	923	0	0	39
National Aeronautics and Space Administration	1,375	0	0	0	244	1,131	0	48
National Science Foundation	13,003	0	0	414	11,016	1,573	0	43
Rank	45	48	na	44	50	14	27	na

FFRDC = federally funded research and development center.

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.