

## Science and engineering profile: Wyoming

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	860 *	566,330	52
Doctoral engineers, 2003	60 **	118,540	52
S&E doctorates awarded, 2004	31	26,275	50
Life sciences (percent)	39	27	na
Physical sciences (percent)	19	13	na
Psychology (percent)	16	13	na
S&E and health postdoctorates in doctorate-granting institutions, 2003	44	46,807	47
S&E and health graduate students in doctorate-granting institutions, 2003	1,002	507,247	49
Population, 2004 (thousands)	507	297,550	52
Civilian labor force, 2004 (thousands)	282	148,769	52
Personal income per capita, 2004 (dollars)	34,199	33,041	15
Federal spending			
Total expenditures, 2003 (millions of dollars)	4,226	2,024,246	52
R&D obligations, 2003 (millions of dollars)	41	91,359	52
Total R&D performance, 2003 (millions of dollars)	113	277,577	51
Industry R&D, 2003 (millions of dollars)	37	198,244	50
Academic R&D, 2003 (millions of dollars)	60	40,055	51
Life sciences (percent)	46	59	na
Sciences, nec (percent)	14	2	na
Environmental sciences (percent)	13	5	na
Number of SBIR awards, 1999–2004	61	31,847	47
Utility patents issued to state residents, 2004	52	84,268	50
Gross state product, 2004 (billions of dollars)	24	11,744	50

\*Coefficient of variation greater than 10% but less than 25%; \*\*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: Wyoming, FY 2003 (Thousands of dollars)

Agency	Total	Performer					State and local government	Rank
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		
All agencies	41,096	9,045	0	2,204	21,894	6,954	999	52
Department of Agriculture	9,163	5,721	0	0	3,442	0	0	47
Department of Commerce	924	75	0	0	522	327	0	43
Department of Defense	2,417	1	0	539	1,877	0	0	51
Department of Energy	5,422	0	0	0	1,477	3,945	0	40
Department of Health and Human Services	9,215	1,712	0	1,019	6,484	0	0	52
Department of the Interior	1,908	1,536	0	18	354	0	0	42
Department of Transportation	3,541	0	0	0	0	2,682	859	30
Environmental Protection Agency	343	0	0	0	203	0	140	46
National Aeronautics and Space Administration	995	0	0	210	785	0	0	51
National Science Foundation	7,168	0	0	418	6,750	0	0	49
Rank	52	51	na	51	52	41	49	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.