

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, 2005	36	27,974	50
Engineering (%)	22	23	-
Physical sciences (%)	22	13	-
Life sciences (%)	19	26	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	63	48,601	45
S&E and health graduate students in doctorate-granting institutions, 2005	1,025	527,767	49
Population, 2005 (thousands)	509	300,322	52
Civilian labor force, 2005 (thousands)	285	150,717	52
Personal income per capita, 2005 (dollars)	37,270	34,495	11
Federal spending			
Total expenditures, 2004 (\$millions)	4,393	2,136,440	52
R&D obligations, 2004 (\$millions)	46	98,936	52
Total R&D performance, 2004 (\$millions)	98	283,439	51
Industry R&D, 2004 (\$millions)	23	201,131	51
Academic R&D, 2005 (\$millions)	83	45,725	50
Life sciences (%)	41	60	-
Sciences, nec (%)	26	2	-
Environmental sciences (%)	12	6	-
SBIR awards, 2000-05	62	33,289	47
Utility patents issued to state residents, 2005	53	74,630	49
Gross domestic product, 2005 (\$billions)	27	12,492	50

\*Coefficient of variation greater than 10% but less than 25%; \*\*Coefficient of variation 25% or greater; - = no value possible; nec = not elsewhere classified; 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. Rankings are based on unrounded totals. Reliability of estimates 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 2004  
(Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	45,686	8,127	0	1,911	26,698	6,285	2,665	52
Department of Agriculture	9,551	6,276	0	0	3,275	0	0	45
Department of Commerce	353	0	0	0	353	0	0	47
Department of Defense	2,902	64	0	388	2,450	0	0	51
Department of Energy	5,284	0	0	0	1,245	4,039	0	40
Department of Health and Human Services	10,027	0	0	623	7,642	246	1,516	52
Department of Homeland Security	0	0	0	0	0	0	0	-
Department of the Interior	2,019	1,787	0	75	157	0	0	42
Department of Transportation	3,717	0	0	0	675	2,000	1,042	30
Environmental Protection Agency	107	0	0	0	0	0	107	46
National Aeronautics and Space Administration	1,838	0	0	201	1,637	0	0	52
National Science Foundation	9,888	0	0	624	9,264	0	0	46
Rank	52	49	-	51	51	36	45	-

- = no value possible.

FFRDC = federally funded research and development center.

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.