

Science and engineering profile: Utah

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	5,520	620,140	29
S&E doctorates awarded, 2006	238	29,854	31
Engineering (%)	32	24	–
Life sciences (%)	19	26	–
Psychology (%)	18	11	–
SEH postdoctorates in doctorate-granting institutions, 2006	367	49,201	26
SEH graduate students in doctorate-granting institutions, 2006	6,052	542,073	28
Population, 2007 (thousands)	2,645	305,563	35
Civilian labor force, 2007 (thousands)	1,362	154,046	34
Personal income per capita, 2006 (\$)	29,769	36,629	45
Federal spending			
Total expenditures, 2005 (\$millions)	14,823	2,260,098	38
R&D obligations, 2005 (\$millions)	814	106,845	24
Total R&D performance, 2005 (\$millions)	1,886	310,194	31
Industry R&D, 2005 (\$millions)	1,234	222,427	31
Academic R&D, 2006 (\$millions)	413	47,735	31
Life sciences (%)	54	60	–
Engineering (%)	24	15	–
Physical sciences (%)	7	8	–
SBIR awards, 2000–06	354	38,825	25
Utility patents issued to state residents, 2006	684	89,820	25
Gross domestic product, 2006 (\$billions)	98	13,235	33

– = 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: Utah, 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	813,912	245,627	0	359,448	201,205	6,334	1,298	24
Department of Agriculture	31,935	20,198	0	0	11,718	0	19	24
Department of Commerce	395	31	0	0	364	0	0	45
Department of Defense	572,387	222,344	0	337,343	12,700	0	0	20
Department of Energy	11,465	266	0	2,915	8,284	0	0	32
Department of Health and Human Services	153,747	0	0	13,991	133,154	5,809	793	29
Department of Homeland Security	595	358	0	4	233	0	0	32
Department of the Interior	3,656	2,430	0	24	716	0	486	26
Department of Transportation	224	0	0	224	0	0	0	39
Environmental Protection Agency	528	0	0	70	458	0	0	38
National Aeronautics and Space Administration	8,648	0	0	3,724	4,924	0	0	40
National Science Foundation	30,332	0	0	1,153	28,654	525	0	28
Rank	24	17	–	21	30	38	41	–

– = 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".