

Science and engineering profile: Nebraska

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	2,740	566,330	39
Doctoral engineers, 2003	300 **	118,540	44
S&E doctorates awarded, 2005	166	27,974	37
Life sciences (%)	39	26	-
Psychology (%)	18	12	-
Social sciences (%)	14	15	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	232	48,601	34
S&E and health graduate students in doctorate-granting institutions, 2005	3,200	527,767	38
Population, 2005 (thousands)	1,759	300,322	39
Civilian labor force, 2005 (thousands)	986	150,717	37
Personal income per capita, 2005 (dollars)	32,988	34,495	23
Federal spending			
Total expenditures, 2004 (\$millions)	11,795	2,136,440	41
R&D obligations, 2004 (\$millions)	155	98,936	46
Total R&D performance, 2004 (\$millions)	740	283,439	39
Industry R&D, 2004 (\$millions)	383	201,131	39
Academic R&D, 2005 (\$millions)	360	45,725	31
Life sciences (%)	72	60	-
Engineering (%)	9	15	-
Sciences, nec (%)	5	2	-
SBIR awards, 2000-05	60	33,289	48
Utility patents issued to state residents, 2005	182	74,630	40
Gross domestic product, 2005 (\$billions)	71	12,492	38

**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: Nebraska, 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	155,268	26,696	0	10,903	106,852	5,539	5,278	46
Department of Agriculture	36,745	23,681	0	0	13,064	0	0	19
Department of Commerce	907	164	0	0	163	580	0	43
Department of Defense	13,715	332	0	6,406	6,977	0	0	48
Department of Energy	1,740	0	0	0	1,740	0	0	47
Department of Health and Human Services	73,908	0	0	3,547	64,597	4,774	990	40
Department of Homeland Security	0	0	0	0	0	0	0	-
Department of the Interior	2,700	2,519	0	47	134	0	0	33
Department of Transportation	2,629	0	0	0	900	0	1,729	41
Environmental Protection Agency	0	0	0	0	0	0	0	-
National Aeronautics and Space Administration	5,622	0	0	773	2,290	0	2,559	46
National Science Foundation	17,302	0	0	130	16,987	185	0	38
Rank	46	44	-	47	39	40	30	-

- = 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.