

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, 2004	150	26,275	37
Life sciences (percent)	44	27	na
Engineering (percent)	13	22	na
Physical sciences (percent)	13	13	na
S&E and health postdoctorates in doctorate-granting institutions, 2003	220	46,807	32
S&E and health graduate students in doctorate-granting institutions, 2003	3,222	507,247	36
Population, 2004 (thousands)	1,747	297,550	39
Civilian labor force, 2004 (thousands)	985	148,769	37
Personal income per capita, 2004 (dollars)	32,276	33,041	21
Federal spending			
Total expenditures, 2003 (millions of dollars)	11,000	2,024,246	41
R&D obligations, 2003 (millions of dollars)	146	91,359	44
Total R&D performance, 2003 (millions of dollars)	710	277,577	40
Industry R&D, 2003 (millions of dollars)	363	198,244	38
Academic R&D, 2003 (millions of dollars)	301	40,055	34
Life sciences (percent)	67	59	na
Engineering (percent)	9	15	na
Sciences, nec (percent)	6	2	na
Number of SBIR awards, 1999-2004	55	31,847	48
Utility patents issued to state residents, 2004	191	84,268	40
Gross state product, 2004 (billions of dollars)	68	11,744	38

**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: Nebraska, 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	146,325	41,341	0	5,799	92,458	4,979	1,748	44
Department of Agriculture	33,662	23,360	0	0	10,302	0	0	21
Department of Commerce	884	196	0	0	688	0	0	45
Department of Defense	4,033	766	0	970	2,297	0	0	49
Department of Energy	2,687	0	0	0	2,687	0	0	45
Department of Health and Human Services	82,568	15,041	0	1,109	60,828	4,979	611	40
Department of the Interior	2,484	1,978	0	0	506	0	0	35
Department of Transportation	1,787	0	0	0	650	0	1,137	40
Environmental Protection Agency	0	0	0	0	0	0	0	na
National Aeronautics and Space Administration	1,915	0	0	0	1,915	0	0	47
National Science Foundation	16,305	0	0	3,720	12,585	0	0	41
Rank	44	40	na	48	39	42	44	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.