

Science and Engineering Profile: Nebraska

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 ¹	2,820	542,940	37	Total R&D performance, 2000 (millions).....	\$439	\$244,855	43
Doctoral engineers, 2001 ¹	330	112,770	43	Industry R&D, 2000 (millions).....	\$199	\$187,544	42
S&E doctorates awarded, 2001 ¹	164	25,509	34	Academic R&D, 2001 (millions).....	\$242	\$32,716	35
of which, in life sciences.....	37%	26%		of which, in life sciences.....	65%	59%	
in psychology.....	20%	13%		in engineering.....	11%	15%	
in social sciences.....	15%	16%		in other sciences.....	6%	2%	
S&E postdoctorates, 2001 ¹				Public higher education current-fund			
in doctorate-granting institutions.....	146	42,899	33	expenditures, 2000 (millions).....	\$1,225	\$152,068	36
S&E graduate students, 2001 ¹				Number of SBIR awards, 1999-2001.....	25	13,650	46
in doctorate-granting institutions.....	2,866	452,411	37	Utility patents issued to state residents, 2001.....	215	87,605	40
Population, 2002 (thousands).....	1,729	292,228	39	Gross state product, 2000 (billions).....	\$56	\$10,003	38
Civilian labor force, 2002 (thousands).....	959	146,712	37	of which, agriculture.....	4%	1%	
Personal income per capita, 2001.....	\$28,886	\$30,472	24	manufacturing, mining, construction.....	19%	22%	
Federal spending				transportation, communication, utilities.....	11%	8%	
Total expenditures, 2001 (millions).....	\$10,771	\$1,753,011	39	wholesale and retail trade.....	16%	16%	
R&D obligations, 2001 (millions).....	\$125	\$78,006	46	finance, insurance, real estate.....	16%	19%	
				services.....	20%	22%	
				government.....	14%	12%	

¹Data on graduate students, doctoral scientists, doctoral engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health Data on S&E doctorates awarded do not include health fields.

NOTES: Rankings and totals are based on data for the 50 States, District of Columbia, and Puerto Rico. Reliability of the estimates of industry R&D and of doctoral scientists and engineers varies by State, because the sample allocation was not based on geography. The rankings do not take into account the margin of error of estimates from sample surveys.

Federal Obligations for Research and Development by Agency and Performer: Nebraska, Fiscal Year 2001

Agency	Performer							State rank, total
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	
	[In thousands of dollars]							
Total, all agencies.....	125,210	26,014	0	9,099	80,498	5,955	3,644	46
Department of Agriculture.....	42,039	22,868	0	0	19,171	0	0	18
Department of Commerce.....	1,256	95	0	572	68	0	521	44
Department of Defense.....	8,167	1,860	0	2,106	4,201	0	0	48
Department of Energy.....	1,876	0	0	0	1,876	0	0	47
Dept. of Health & Human Services.....	52,841	1	0	1,707	43,045	5,955	2,133	43
Department of the Interior.....	1,497	1,190	0	0	307	0	0	48
Department of Transportation.....	1,282	0	0	0	292	0	990	46
Environmental Protection Agency.....	1,225	0	0	0	1,225	0	0	34
National Aeronautics and Space Admin....	2,238	0	0	246	1,992	0	0	47
National Science Foundation.....	12,789	0	0	4,468	8,321	0	0	43
State rank, total.....	46	43	na	49	38	38	37	na

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; 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".