

Science and engineering profile: Delaware

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	2,680	566,330	40
Doctoral engineers, 2003	830 *	118,540	30
S&E doctorates awarded, 2004	141	26,275	38
Engineering (percent)	35	22	na
Social sciences (percent)	24	16	na
Physical sciences (percent)	14	13	na
S&E and health postdoctorates in doctorate-granting institutions, 2003	125	46,807	37
S&E and health graduate students in doctorate-granting institutions, 2003	1,796	507,247	45
Population, 2004 (thousands)	830	297,550	46
Civilian labor force, 2004 (thousands)	423	148,769	47
Personal income per capita, 2004 (dollars)	35,559	33,041	11
Federal spending			
Total expenditures, 2003 (millions of dollars)	5,061	2,024,246	50
R&D obligations, 2003 (millions of dollars)	91	91,359	50
Total R&D performance, 2003 (millions of dollars)	1,414	277,577	35
Industry R&D, 2003 (millions of dollars)	1,298	198,244	27
Academic R&D, 2003 (millions of dollars)	105	40,055	48
Engineering (percent)	33	15	na
Life sciences (percent)	26	59	na
Physical sciences (percent)	16	8	na
Number of SBIR awards, 1999–2004	131	31,847	30
Utility patents issued to state residents, 2004	342	84,268	38
Gross state product, 2004 (billions of dollars)	54	11,744	40

*Coefficient of variation greater than 10% but less than 25%; 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: Delaware, FY 2003
(Thousands of dollars)

Agency	Total	Performer					State and local government	Rank
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		
All agencies	91,384	8,752	0	13,620	64,816	2,152	2,044	50
Department of Agriculture	5,218	1,791	0	0	3,232	195	0	50
Department of Commerce	5,441	59	0	3,221	2,161	0	0	28
Department of Defense	17,922	272	0	6,520	11,130	0	0	46
Department of Energy	3,302	0	0	0	2,821	481	0	43
Department of Health and Human Services	34,725	6,278	0	1,519	25,248	1,328	352	46
Department of the Interior	463	299	0	0	164	0	0	52
Department of Transportation	1,574	0	0	12	0	0	1,562	43
Environmental Protection Agency	2,090	53	0	365	1,542	0	130	28
National Aeronautics and Space Administration	2,205	0	0	1,158	899	148	0	46
National Science Foundation	18,444	0	0	825	17,619	0	0	35
Rank	50	52	na	45	46	48	42	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.