

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, 2005	128	27,974	38
Engineering (%)	42	23	-
Social sciences (%)	15	15	-
Life sciences (%)	12	26	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	113	48,601	39
S&E and health graduate students in doctorate-granting institutions, 2005	1,954	527,767	44
Population, 2005 (thousands)	844	300,322	46
Civilian labor force, 2005 (thousands)	438	150,717	46
Personal income per capita, 2005 (dollars)	37,084	34,495	12
Federal spending			
Total expenditures, 2004 (\$millions)	5,253	2,136,440	50
R&D obligations, 2004 (\$millions)	85	98,936	50
Total R&D performance, 2004 (\$millions)	1,182	283,439	34
Industry R&D, 2004 (\$millions)	1,059	201,131	30
Academic R&D, 2005 (\$millions)	116	45,725	48
Engineering (%)	32	15	-
Life sciences (%)	26	60	-
Physical sciences (%)	16	8	-
SBIR awards, 2000-05	138	33,289	31
Utility patents issued to state residents, 2005	318	74,630	35
Gross domestic product, 2005 (\$billions)	56	12,492	40

*Coefficient of variation greater than 10% but less than 25%; -- = no value possible; 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: Delaware, 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	85,414	3,236	0	11,456	64,285	5,296	1,141	50
Department of Agriculture	5,256	2,201	0	0	3,055	0	0	50
Department of Commerce	2,492	143	0	218	1,643	488	0	31
Department of Defense	17,794	132	0	1,699	15,963	0	0	47
Department of Energy	4,216	0	0	0	3,685	531	0	41
Department of Health and Human Services	28,782	0	0	2,166	22,447	3,869	300	46
Department of Homeland Security	188	159	0	29	0	0	0	38
Department of the Interior	779	601	0	85	93	0	0	50
Department of Transportation	974	0	0	79	214	0	681	48
Environmental Protection Agency	1,451	0	0	520	771	0	160	31
National Aeronautics and Space Administration	7,476	0	0	6,156	1,320	0	0	41
National Science Foundation	16,006	0	0	504	15,094	408	0	40
Rank	50	52	-	46	47	41	51	-

-- = 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.