

Science and Engineering Profile: Connecticut

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 ¹	9,620	542,940	19	Total R&D performance, 2000 (millions).....	\$4,888	\$244,855	14
Doctoral engineers, 2001 ¹	1,410	112,770	25	Industry R&D, 2000 (millions).....	\$4,371	\$187,544	11
S&E doctorates awarded, 2001 ¹	370	25,509	24	Academic R&D, 2001 (millions).....	\$499	\$32,716	21
of which, in life sciences.....	32%	26%		of which, in life sciences.....	77%	59%	
in social sciences.....	25%	16%		in engineering.....	8%	15%	
in physical sciences.....	16%	13%		in physical sciences.....	6%	9%	
S&E postdoctorates, 2001 ¹				Public higher education current-fund			
in doctorate-granting institutions.....	808	42,899	16	expenditures, 2000 (millions).....	\$1,568	\$152,068	34
S&E graduate students, 2001 ¹				Number of SBIR awards, 1999-2001.....	245	13,650	16
in doctorate-granting institutions.....	5,579	452,411	27	Utility patents issued to state residents, 2001.....	1,853	87,605	15
Population, 2002 (thousands).....	3,461	292,228	30	Gross state product, 2000 (billions).....	\$159	\$10,003	22
Civilian labor force, 2002 (thousands).....	1,773	146,712	28	of which, agriculture.....	1%	1%	
Personal income per capita, 2001.....	\$42,435	\$30,472	1	manufacturing, mining, construction.....	19%	22%	
Federal spending				transportation, communication, utilities.....	6%	8%	
Total expenditures, 2001 (millions).....	\$22,742	\$1,753,011	28	wholesale and retail trade.....	14%	16%	
R&D obligations, 2001 (millions).....	\$1,377	\$78,006	19	finance, insurance, real estate.....	30%	19%	
				services.....	22%	22%	
				government.....	8%	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: Connecticut, 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.....	1,377,388	93,127	0	882,209	361,631	32,775	7,646	19
Department of Agriculture.....	11,398	2,809	0	0	7,622	30	937	41
Department of Commerce.....	8,087	1,246	0	3,013	2,982	0	846	21
Department of Defense.....	906,023	74,058	0	813,742	14,421	3,802	0	13
Department of Energy.....	30,508	0	0	19,384	11,124	0	0	21
Dept. of Health & Human Services.....	349,861	0	0	26,349	295,188	24,827	3,497	14
Department of the Interior.....	928	725	0	0	143	0	60	51
Department of Transportation.....	16,810	14,289	0	535	0	0	1,986	10
Environmental Protection Agency.....	1,367	0	0	111	1,051	0	205	33
National Aeronautics and Space Admin....	24,557	0	0	16,525	4,386	3,646	0	22
National Science Foundation.....	27,849	0	0	2,550	24,714	470	115	26
State rank, total.....	19	25	na	10	17	21	15	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".