

Science and Engineering Profile: New York

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 ¹	42,610	542,940	2	Total R&D performance, 2000 (millions).....	\$13,556	\$244,855	3
Doctoral engineers, 2001 ¹	6,490	112,770	3	Industry R&D, 2000 (millions).....	\$10,539	\$187,544	5
S&E doctorates awarded, 2001 ¹	2,128	25,509	2	Academic R&D, 2001 (millions).....	\$2,476	\$32,716	2
of which, in life sciences.....	26%	26%		of which, in life sciences.....	69%	59%	
in social sciences.....	19%	16%		in engineering.....	10%	15%	
in psychology.....	16%	13%		in physical sciences.....	8%	9%	
S&E postdoctorates, 2001 ¹				Public higher education current-fund			
in doctorate-granting institutions.....	4,041	42,899	3	expenditures, 2000 (millions).....	\$7,799	\$152,068	3
S&E graduate students, 2001 ¹				Number of SBIR awards, 1999-2001.....	527	13,650	6
in doctorate-granting institutions.....	37,677	452,411	2	Utility patents issued to state residents, 2001.....	6,349	87,605	3
Population, 2002 (thousands).....	19,158	292,228	3	Gross state product, 2000 (billions).....	\$799	\$10,003	2
Civilian labor force, 2002 (thousands).....	9,362	146,712	3	of which, agriculture.....	0%	1%	
Personal income per capita, 2001.....	\$36,019	\$30,472	5	manufacturing, mining, construction.....	14%	22%	
Federal spending				transportation, communication, utilities.....	7%	8%	
Total expenditures, 2001 (millions).....	\$116,366	\$1,753,011	2	wholesale and retail trade.....	13%	16%	
R&D obligations, 2001 (millions).....	\$3,336	\$78,006	6	finance, insurance, real estate.....	33%	19%	
				services.....	24%	22%	
				government.....	10%	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: New York, 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.....	3,336,229	270,926	248,438	779,713	1,609,360	336,896	90,896	6
Department of Agriculture.....	51,427	24,885	0	0	23,741	2,801	0	11
Department of Commerce.....	27,564	4,554	21	11,558	9,419	0	2,012	7
Department of Defense.....	757,053	223,206	366	418,687	110,663	4,131	0	16
Department of Energy.....	587,131	1,099	239,719	272,178	68,807	5,328	0	3
Dept. of Health & Human Services.....	1,581,631	9,351	7,741	45,950	1,137,745	300,752	80,092	4
Department of the Interior.....	5,462	4,584	0	60	725	79	14	22
Department of Transportation.....	18,155	1	0	8,700	2,439	4	7,011	9
Environmental Protection Agency.....	18,580	90	0	2,362	10,812	5,157	159	5
National Aeronautics and Space Admin....	53,789	3,156	591	15,332	30,479	4,231	0	13
National Science Foundation.....	235,437	0	0	4,886	214,530	14,413	1,608	2
State rank, total.....	6	14	7	12	2	4	1	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".