

Science and engineering profile: New York

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	45,850	620,140	2
S&E doctorates awarded, 2006	2,530	29,854	2
Life sciences (%)	27	26	–
Social sciences (%)	19	14	–
Engineering (%)	17	24	–
SEH postdoctorates in doctorate-granting institutions, 2006	4,182	49,201	3
SEH graduate students in doctorate-granting institutions, 2006	48,022	542,073	2
Population, 2007 (thousands)	19,298	305,563	3
Civilian labor force, 2007 (thousands)	9,519	154,046	3
Personal income per capita, 2006 (\$)	43,962	36,629	5
Federal spending			
Total expenditures, 2005 (\$millions)	144,876	2,260,098	3
R&D obligations, 2005 (\$millions)	4,956	106,845	6
Total R&D performance, 2005 (\$millions)	14,103	310,194	7
Industry R&D, 2005 (\$millions)	9,474	222,427	8
Academic R&D, 2006 (\$millions)	3,790	47,735	2
Life sciences (%)	66	60	–
Engineering (%)	13	15	–
Physical sciences (%)	9	8	–
SBIR awards, 2000–06	1,587	38,825	7
Utility patents issued to state residents, 2006	5,627	89,820	3
Gross domestic product, 2006 (\$billions)	1,022	13,235	3

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; 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; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

Federal obligations for research and development, by agency and performer: New York, FY 2005 (Thousands of dollars)

Agency	Performer						Rank	
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	4,955,670	165,941	269,061	2,091,219	1,943,514	375,519	110,416	6
Department of Agriculture	45,821	16,512	0	200	27,243	1,866	0	16
Department of Commerce	25,314	0	63	5,743	19,444	43	21	9
Department of Defense	1,795,593	124,310	1,148	1,585,859	66,112	18,102	62	9
Department of Energy	656,508	1,186	256,532	343,553	48,167	7,070	0	3
Department of Health and Human Services	1,969,368	1,988	9,240	74,507	1,466,672	324,636	92,325	4
Department of Homeland Security	38,302	18,377	2,078	15,453	2,394	0	0	12
Department of the Interior	4,862	3,500	0	0	1,238	0	124	23
Department of Transportation	4,518	68	0	2,832	118	1,500	0	14
Environmental Protection Agency	8,530	0	0	299	7,734	170	327	12
National Aeronautics and Space Administration	111,501	0	0	56,881	31,921	5,196	17,503	10
National Science Foundation	295,353	0	0	5,892	272,471	16,936	54	2
Rank	6	21	8	7	2	4	2	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings 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 State Profiles".