Science and engineering profile: New Jersey

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	20,810	620,140	8
S&E doctorates awarded, 2006	670	29,854	15
Engineering (%)	27	24	–
Life sciences (%)	20	26	–
Social sciences (%)	18	14	–
SEH postdoctorates in doctorate-granting institutions, 2006	692	49,201	21
SEH graduate students in doctorate-granting institutions, 2006	12,903	542,073	14
Population, 2007 (thousands)	8,686	305,563	11
Civilian labor force, 2007 (thousands)	4,466	154,046	11
Personal income per capita, 2006 ($)	46,328	36,629	3
Federal spending			
Total expenditures, 2005 ($millions)	58,617	2,260,098	13
R&D obligations, 2005 ($millions)	2,344	106,845	15
Total R&D performance, 2005 ($millions)	14,900	310,194	5
Industry R&D, 2005 ($millions)	13,214	222,427	4
Academic R&D, 2006 ($millions)	858	47,735	17
Life sciences (%)	52	60	–
Engineering (%)	16	15	–
Physical sciences (%)	9	8	–
SBIR awards, 2000–06	1,059	38,825	10
Utility patents issued to state residents, 2006	3,172	89,820	8
Gross domestic product, 2006 ($billions)	453	13,235	8

– = 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 classifed by employer's location.

Federal obligations for research and development, by agency and performer: New Jersey, FY 2005

(Thousands of dollars)

	Performer							
Agency	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	State, local governments	Rank
All agencies	2,344,121	710,346	55,300	1,155,264	392,869	26,699	3,643	15
Department of Agriculture	9,651	268	0	502	8,881	0	0	45
Department of Commerce	25,248	15,469	0	6,051	3,054	20	654	10
Department of Defense	1,725,076	634,188	100	1,039,858	50,185	745	0	10
Department of Energy	87,287	0	55,200	14,198	16,420	1,469	0	15
Department of Health and Human Services	286,553	0	0	47,721	213,504	23,991	1,337	23
Department of Homeland Security	42,546	38,538	0	2,429	1,579	0	0	9
Department of the Interior	2,573	1,886	0	5	410	0	272	35
Department of Transportation	20,637	17,048	0	2,723	866	0	0	4
Environmental Protection Agency	7,520	2,949	0	0	4,470	0	101	14
National Aeronautics and Space Administration	51,367	0	0	38,021	12,067	0	1,279	14
National Science Foundation	85,663	0	0	3,756	81,433	474	0	15
Rank	15	6	13	11	20	26	27	–

– = 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".