Science and engineering profile: North Carolina

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	18,910	620,140	11
S&E doctorates awarded, 2006	876	29,854	10
Life sciences (%)	36	26	–
Engineering (%)	22	24	–
Social sciences (%)	12	14	–
SEH postdoctorates in doctorate-granting institutions, 2006	1,960	49,201	6
SEH graduate students in doctorate-granting institutions, 2006	14,456	542,073	12
Population, 2007 (thousands)	9,061	305,563	10
Civilian labor force, 2007 (thousands)	4,519	154,046	10
Personal income per capita, 2006 ($)	32,338	36,629	35
Federal spending			
Total expenditures, 2005 ($millions)	59,162	2,260,098	12
R&D obligations, 2005 ($millions)	1,791	106,845	20
Total R&D performance, 2005 ($millions)	7,329	310,194	14
Industry R&D, 2005 ($millions)	5,158	222,427	13
Academic R&D, 2006 ($millions)	1,710	47,735	8
Life sciences (%)	75	60	–
Engineering (%)	9	15	–
Physical sciences (%)	5	8	–
SBIR awards, 2000–06	553	38,825	19
Utility patents issued to state residents, 2006	1,974	89,820	15
Gross domestic product, 2006 ($billions)	375	13,235	11

– = 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: North Carolina, 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	1,791,495	425,883	0	246,398	1,023,007	93,180	3,027	20
Department of Agriculture	49,188	20,786	0	15	28,001	85	301	14
Department of Commerce	22,615	15,293	0	4,920	1,547	350	505	11
Department of Defense	184,027	61,730	0	60,700	59,114	2,483	0	28
Department of Energy	19,951	450	0	0	16,462	3,039	0	27
Department of Health and Human Services	1,190,041	124,767	0	162,086	818,467	82,544	2,177	6
Department of Homeland Security	3,480	993	0	824	333	1,330	0	23
Department of the Interior	4,071	2,555	0	352	1,164	0	0	25
Department of Transportation	596	0	0	424	172	0	0	30
Environmental Protection Agency	216,169	199,309	0	4,770	9,626	2,420	44	1
National Aeronautics and Space Administration	17,373	0	0	8,209	9,026	138	0	27
National Science Foundation	83,984	0	0	4,098	79,095	791	0	17
Rank	20	10	–	23	7	12	31	–

– = 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".