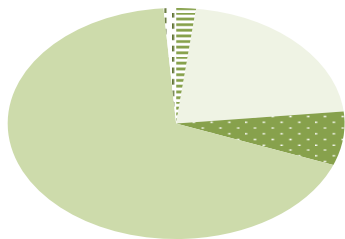
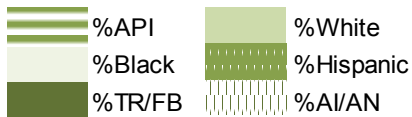


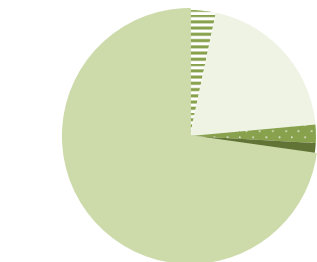


North Carolina

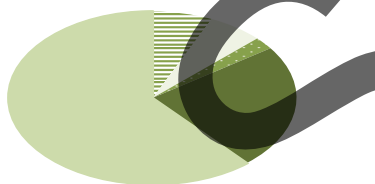
KEY



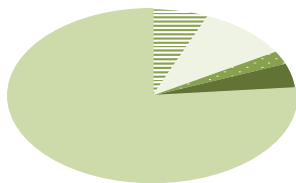
Population, 2008¹



Bachelor's Degrees, 2007²



Doctoral Degrees, 2007²



S&E Workforce, 2007³

K-12 Indicators⁴

	State	National	Rank
Per-pupil expenditure, 2007	\$7,878	\$9,683	43
Average freshman graduation rate, 2005-2006	71.8	73.2	36
College enrollment rate, 2005	65.7	68.6	14
AP Participation, 2008	28.4	25.0	13

NAEP: Percentage of Students Performing at or Above Proficient Level, 2007⁴

State Assessment Performance	All	White	Black	Hispanic	API
4 th Grade Reading	29	39	12	18	41
4 th Grade Mathematics	41	56	15	28	60
8 th Grade Reading	28	39	10	16	34
8 th Grade Mathematics	34	46	14	23	50

Percentage of Degrees Granted by Gender, Race/Ethnicity, and Field, 2007²

Level of Degree	Field	N	Gender		U.S. Citizens and Permanent Residents			Temp Res.
			Female	Male	White	API	URM	
Bachelor's	Nat & Phy Sci	6,138	70%	30%	71%	6%	20%	1%
	Engineering	1,748	22%	78%	70%	10%	17%	2%
	Math & Comp Sci	1,188	29%	71%	64%	4%	28%	2%
	Psych & Soc Sci	7,150	63%	37%	65%	4%	27%	1%
	Sci & Eng Tech	988	34%	66%	77%	2%	19%	1%
	Total STEM	17,212	57%	43%	69%	5%	23%	1%
	Other (Non-STEM)	15,824	58%	42%	74%	2%	20%	2%
Total Bachelor's	33,036	58%	42%	71%	4%	22%	1%	
Master's	Nat & Phy Sci	2,085	73%	27%	75%	4%	14%	4%
	Engineering	657	28%	72%	44%	12%	14%	28%
	Math & Comp Sci	483	34%	66%	44%	10%	15%	29%
	Psych & Soc Sci	753	57%	43%	68%	4%	19%	6%
	Sci & Eng Tech	275	61%	39%	68%	1%	27%	1%
	Total STEM	4,253	58%	42%	65%	6%	16%	11%
	Other (Non-STEM)	6,919	57%	43%	70%	5%	15%	6%
Total Master's	11,172	57%	43%	68%	5%	15%	8%	
Doctorates	Nat & Phy Sci	634	53%	47%	67%	5%	9%	19%
	Engineering	219	24%	76%	29%	13%	3%	55%
	Math & Comp Sci	98	34%	66%	46%	9%	2%	43%
	Psych & Soc Sci	155	54%	46%	70%	6%	8%	15%
	Total STEM	1,108	46%	54%	58%	7%	7%	27%
	Other (Non-STEM)	316	64%	36%	67%	5%	18%	9%
Total Doctorates	1,424	50%	50%	60%	7%	9%	23%	

Note: FB = Foreign Born; API= Asian/Pacific Islander; URM=Under-represented minority, includes Black, Hispanic and American Indian/Alaskan Native; "z" indicates data not available

Sources: ¹U.S. Census Bureau, Population Division; ²National Science Foundation's *WebCASPAR Database System*; ³U.S. Census Bureau, *American Community Survey*; ⁴U.S. Department of Education, *July 2009 EdFacts State Profiles*



North Carolina

State Economic Indicators		National
Poverty Rate, 2008 ⁵	13.9	13.2
Homeownership Rate, 2008 ⁶	69.4	67.8
Unemployment Rate, August 2009 ⁷	10.8	9.7
Persons in S&E Workforce, 2005-2007 ³	214,998	7,874,470 (total) 151,432 (average)
Median Household Income, 2007-2008 ⁵	\$44,058	\$51,233
Total Academic R&D Expenditures, 2007 ²	\$1,885,499	\$49,430,767 (total) \$948,058 (average)
GDP (in millions), 2008 ⁸	\$329,418	\$11,523,637 (total) \$221,569 (average)

Science and Engineering Workforce, 2005-2007 ³									
Industry	S&E Labor Force (number)	Percent Female	Percent Black	Percent Hispanic	Percent Asian	Percent Foreign Born	Highest Degree Earned		
							Bachelor's	Master's	Doctorates
Total	214,998	28.9	10.6	2.6	6.6	4.8	40.8	16.6	4.3
STEM Managers	17,092	29.9	9.6	1.2	4.3	6.3	48.0	20.0	2.2
Computer Occs.	84,994	28.7	11.5	2.7	9.7	4.7	45.1	16.2	1.1
Mathematics Occs.	3,891	49.9	12.1	4.5	14.0	5.9	39.2	21.4	12.4
Engineers	47,656	12.4	8.2	2.2	4.4	4.7	52.4	17.5	1.5
Engineering Technicians	22,011	25.4	12.7	3.8	1.3	4.3	12.3	1.2	0.0
Life Scientists	7,041	50.5	2.9	2.2	10.8	3.3	31.7	33.1	22.2
Physical Scientists	10,207	40.0	6.6	2.0	9.5	5.6	42.8	17.1	30.0
Social Scientists	10,477	55.3	7.7	3.2	2.3	7.8	24.2	41.8	19.9
Science Technicians	11,629	49.5	22.4	2.3	1.8	1.6	23.7	5.5	0.8

Median S&E Earnings by Occupation, 2005-2007 ³		
Occupation	State	United States
Mathematics	\$60,714	\$67,258
Computer Science	\$62,084	\$62,751
Engineering	\$64,915	\$72,432
Life Sciences	\$46,563	\$50,850
Physical Sciences	\$59,505	\$62,084
Social Sciences	\$50,089	\$54,643
Total	\$50,089	\$64,915

Sources: ² National Science Foundation's *WebCASPAR Database System*; ³ U.S. Census Bureau, *American Community Survey*; ⁵ U.S. Census Bureau, *Current Population Survey, Annual Social and Economic Supplement*; ⁶ U.S. Census Bureau, *Housing Vacancy Survey*; ⁷ U.S. Census Bureau, *Current Population Survey*; ⁸ Bureau of Economic Analysis, U.S. Department of Commerce