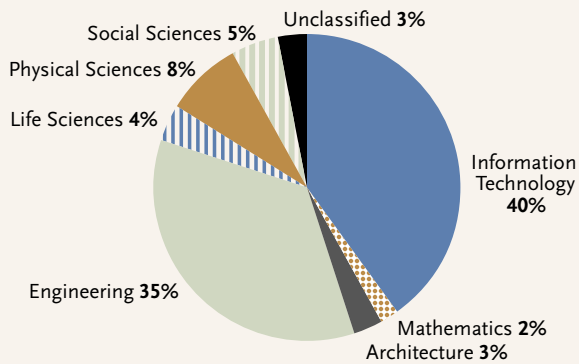


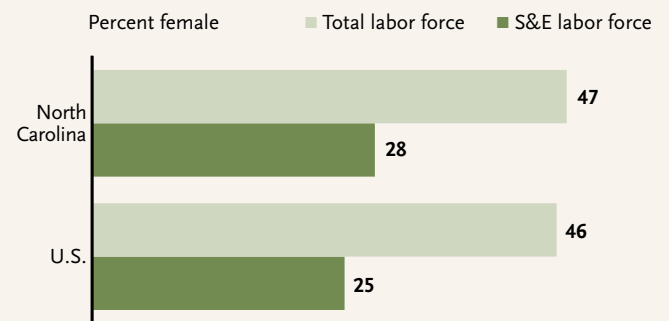
## Scientists and Engineers in North Carolina, 2005

This profile summarizes the demographic, social, and economic characteristics of the 197,620 people in North Carolina's science and engineering (S&E) labor force. In 2005, the unemployment rate for North Carolina's S&E labor force was 3% and median earnings were \$51,695. North Carolina ranked number 15 out of 50 states and DC in the share of people working in S&E occupations.

### S&E Occupations in North Carolina



### Percent of Total and S&E Labor Force That is Female



### Share of labor force in S&E occupations

(Top States)	Percent
United States	5
1. District of Columbia	9
2. Maryland	8
3. Colorado	7
3. Massachusetts	7
3. Virginia	7
3. Washington	7
<b>15. North Carolina</b>	<b>5</b>

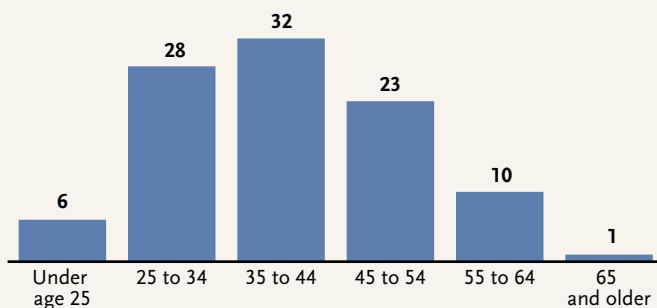
### Racial/Ethnic Composition and Nativity Status of the Labor Force in S&E Occupations

	North Carolina (%)	U.S. (%)
White*	79	74
African American*	11	6
American Indian*	0	0
Asian*	6	13
Other Race*	0	0
Two or More Races*	1	1
Hispanic	2	6
Foreign-born	10	19

\*Non-Hispanic

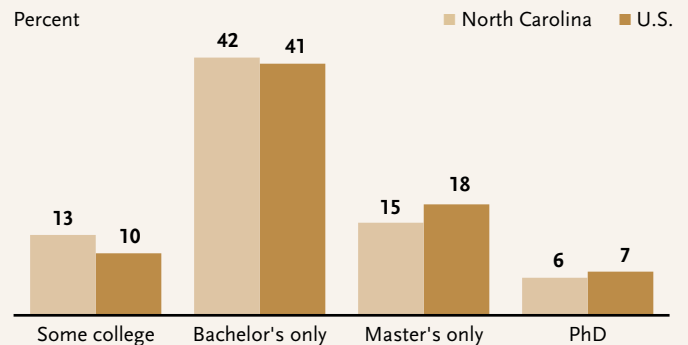
### Age Distribution of the S&E Labor Force in North Carolina

Percent in each age group



### Educational Attainment of the S&E Labor Force

Percent

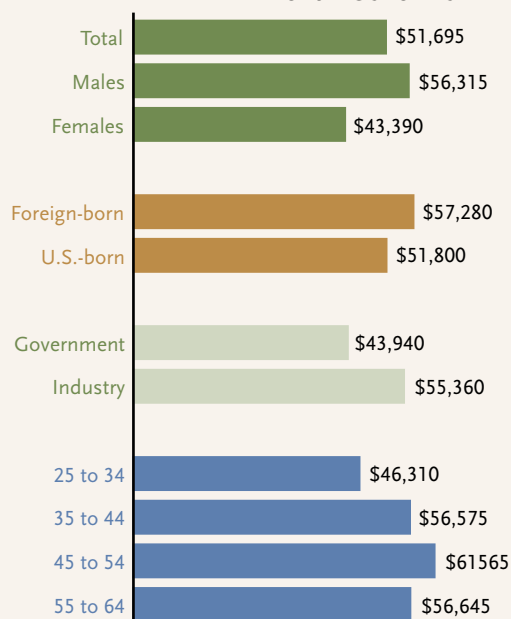


In 2005, IT workers accounted for the largest share of North Carolina's S&E labor force (40%). Median earnings for IT workers in North Carolina were \$58,815, compared with \$60,470 for IT workers nationwide. 22% of North Carolina's IT workers were racial or ethnic minorities.

	Total	Information Technology	Mathematics	Architecture	Engineering	Life Sciences	Physical Sciences	Social Sciences
S&E Labor Force	197,620	79,720	4,100	5,600	68,530	7,580	16,095	10,555
Percent	100%	40%	2%	3%	35%	4%	8%	5%
Highest Degree								
Bachelor's	42%	47%	—	—	40%	—	—	—
Master's	15%	14%	—	—	11%	—	15%	—
PhD	6%	2%	—	—	1%	—	—	—
Percent Female	28%	28%	—	—	15%	—	—	—
Percent Minority*	21%	22%	23%	8%	20%	25%	22%	9%
Percent Foreign-born	10%	11%	—	5%	7%	—	—	3%

\* includes all those who are not non-Hispanic white, including Asian Americans.

### Median earnings of the S&E Labor Force in North Carolina



### Median S&E Earnings By Highest Degree

	North Carolina	U.S.
Total	\$51,695	\$58,760
Associate	\$46,495	\$49,880
Bachelor's	\$56,540	\$61,690
Master's	\$65,870	\$71,375
PhD	\$71,180	\$75,345

### Median S&E Earnings By Occupation

	North Carolina	U.S.
Total	\$51,695	\$58,760
Information Technology	\$58,815	\$60,470
Mathematics	\$62,905	\$63,825
Architecture	\$45,215	\$52,035
Engineering	\$52,015	\$60,890
Life Sciences	\$41,295	\$45,025
Physical Sciences	\$43,095	\$52,495
Social Sciences	\$46,905	\$51,700

## Sources and Notes

**Source:** Population Reference Bureau analysis of the 2005 American Community Survey (ACS) Public Use Microdata Samples. The American Community Survey (ACS), conducted by the U.S. Census Bureau, is a nationwide annual survey designed to provide communities with reliable and timely demographic, housing, social, and economic data each year. For more information about the ACS, see [www.census.gov/acs/www/index.html](http://www.census.gov/acs/www/index.html).

**Notes:** The S&E labor force includes people employed or unemployed (based on their last job) in information technology, engineering, architecture, life sciences, physical sciences, or social sciences. ACS estimates are based on a survey of the population and are subject to both sampling and nonsampling error. An "N/A" or "—" indicates that the sample size was too small to produce a reliable estimate.

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