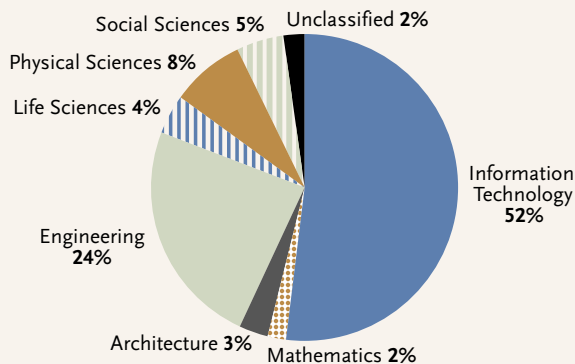


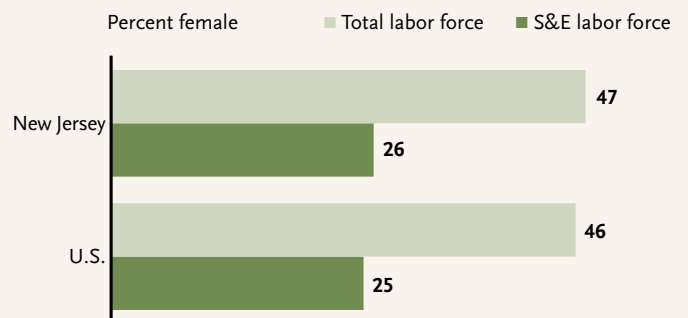
Scientists and Engineers in New Jersey, 2005

This profile summarizes the demographic, social, and economic characteristics of the 273,105 people in New Jersey's science and engineering (S&E) labor force. In 2005, the unemployment rate for New Jersey's S&E labor force was 4% and median earnings were \$70,195. New Jersey ranked number 7 out of 50 states and DC in the share of people working in S&E occupations.

S&E Occupations in New Jersey



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
7. New Jersey	6

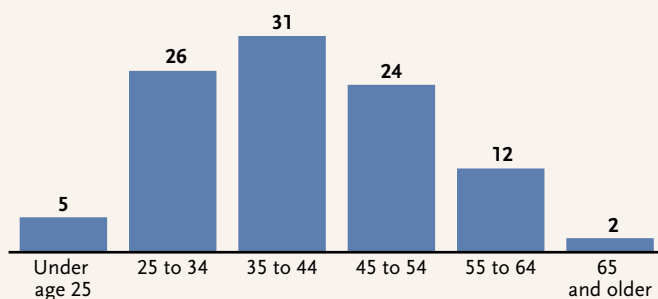
Racial/Ethnic Composition and Nativity Status of the Labor Force in S&E Occupations

	New Jersey (%)	U.S. (%)
White*	61	74
African American*	7	6
American Indian*	0	0
Asian*	25	13
Other Race*	0	0
Two or More Races*	0	1
Hispanic	6	6
Foreign-born	37	19

*Non-Hispanic

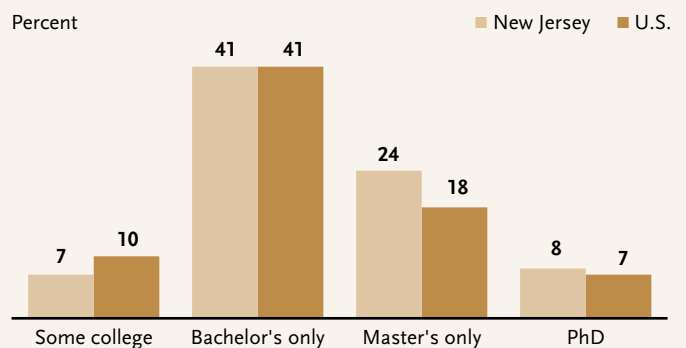
Age Distribution of the S&E Labor Force in New Jersey

Percent in each age group



Educational Attainment of the S&E Labor Force

Percent

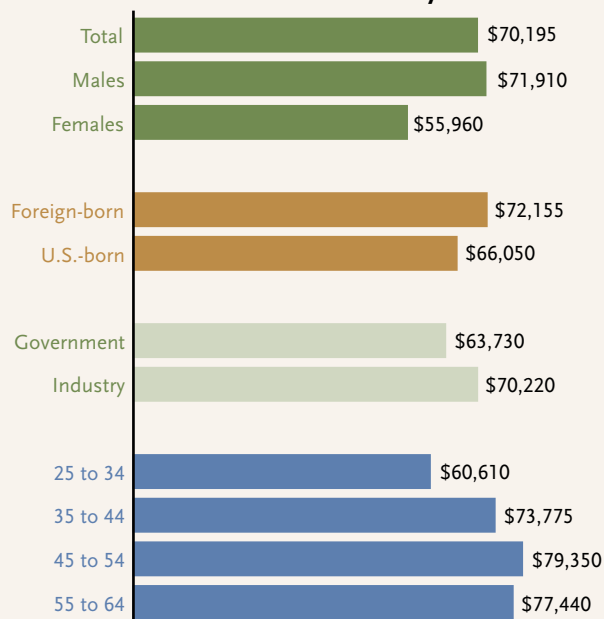


In 2005, IT workers accounted for the largest share of New Jersey's S&E labor force (52%). Median earnings for IT workers in New Jersey were \$71,990, compared with \$60,470 for IT workers nationwide. 45% of New Jersey's IT workers were racial or ethnic minorities.

	Total	Information Technology	Mathematics	Architecture	Engineering	Life Sciences	Physical Sciences	Social Sciences
S&E Labor Force	273,105	142,990	6,250	8,350	65,410	10,655	20,505	14,005
Percent	100%	52%	2%	3%	24%	4%	8%	5%
Highest Degree								
Bachelor's	41%	46%	—	—	38%	—	—	—
Master's	24%	24%	—	—	24%	—	24%	—
PhD	8%	2%	—	—	5%	—	—	—
Percent Female	26%	25%	—	—	12%	—	—	—
Percent Minority*	39%	45%	28%	33%	31%	44%	35%	20%
Percent Foreign-born	37%	43%	—	—	30%	—	—	—

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

Median earnings of the S&E Labor Force in New Jersey



Median S&E Earnings By Highest Degree

	New Jersey	U.S.
Total	\$70,195	\$58,760
Associate	\$59,645	\$49,880
Bachelor's	\$70,545	\$61,690
Master's	\$80,775	\$71,375
PhD	\$89,410	\$75,345

Median S&E Earnings By Occupation

	New Jersey	U.S.
Total	\$70,195	\$58,760
Information Technology	\$71,990	\$60,470
Mathematics	\$81,145	\$63,825
Architecture	\$67,445	\$52,035
Engineering	\$70,140	\$60,890
Life Sciences	\$56,430	\$45,025
Physical Sciences	\$62,200	\$52,495
Social Sciences	\$60,410	\$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.

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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