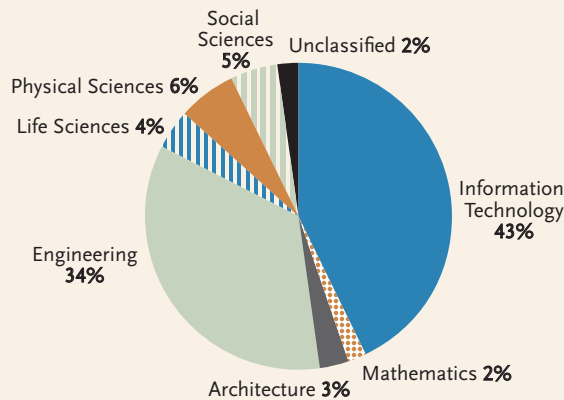


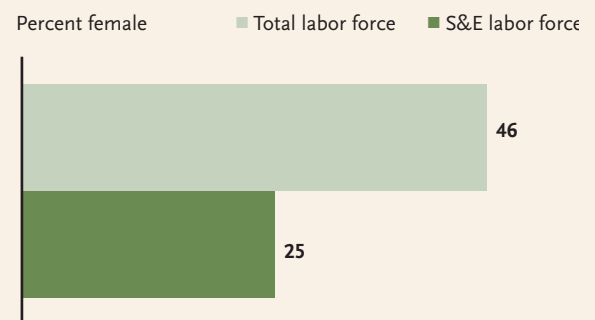
Scientists and Engineers in the United States, 2005

This profile summarizes the demographic, social, and economic characteristics of the 7.4 million people in the United States science and engineering (S&E) labor force. In 2005, the unemployment rate for the U.S. S&E labor force was 3% and median earnings were \$58,760.

S&E Occupations in the United States



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



Share of labor force in S&E occupations

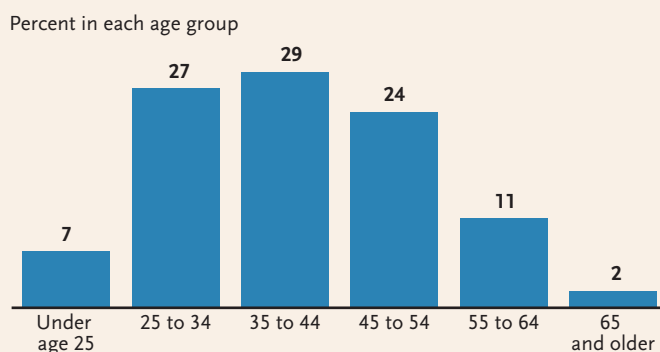
(Top states)	Percent
United States	5
1. District of Columbia	9
2. Maryland	8
3. Colorado	7
3. Massachusetts	7
3. Virginia	7
3. Washington	7

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

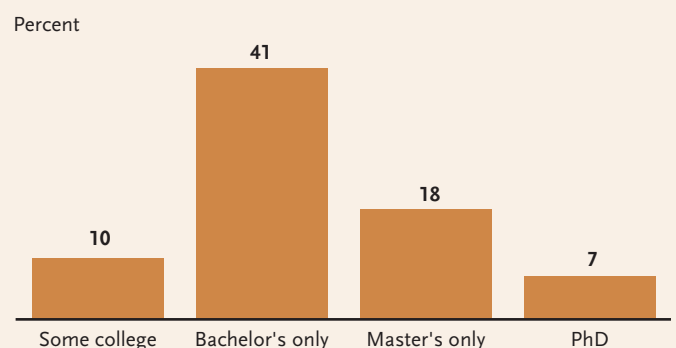
	U.S. (%)
White*	74
African American*	6
American Indian*	0
Asian*	13
Other Race*	0
Two or More Races*	1
Hispanic	6
Foreign-born	19

*Non-Hispanic

Age Distribution of the S&E Labor Force in the United States



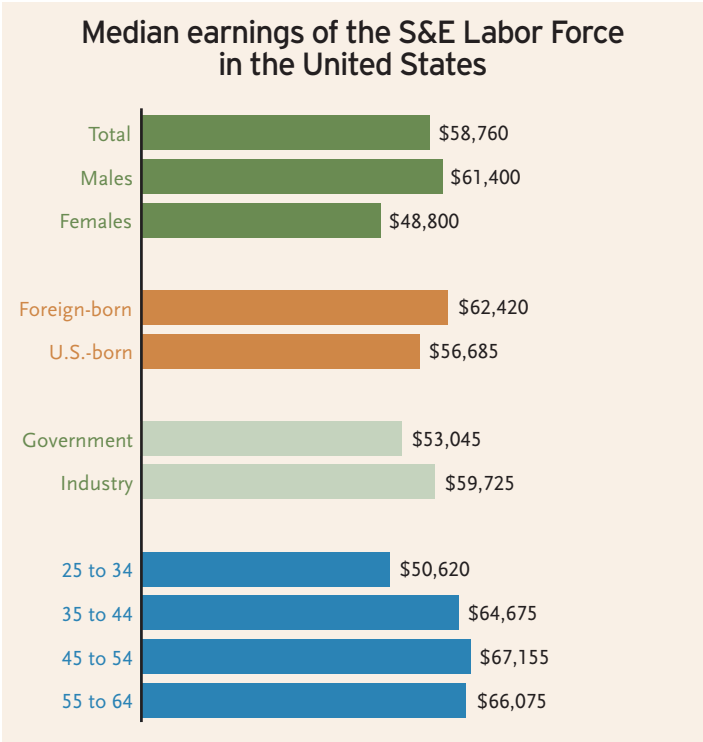
Educational Attainment of the S&E Labor Force



In 2005, IT workers accounted for the largest share of the U.S. S&E labor force (42%). Median earnings for IT workers in United States were \$60,470, and 29% were racial or ethnic minorities.

	Total	Information Technology	Mathematics	Architecture	Engineering	Life Sciences	Physical Sciences	Social Sciences
S&E Labor Force	7,370,530	3,112,860	167,155	238,315	2,531,925	292,610	456,025	398,130
Percent	100%	42%	2%	3%	34%	4%	6%	5%
Highest Degree								
Bachelor's	41%	44%	40%	53%	40%	30%	36%	26%
Master's	18%	17%	24%	24%	17%	21%	19%	37%
PhD	7%	2%	8%	8%	3%	31%	26%	27%
Percent Female	25%	26%	48%	22%	13%	43%	32%	56%
Percent Minority*	26%	29%	25%	18%	23%	29%	25%	18%
Percent Foreign-born	19%	22%	14%	15%	17%	25%	23%	11%

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



Median S&E Earnings By Highest Degree

	U.S.
Total	\$58,760
Associate	\$49,880
Bachelor's	\$61,690
Master's	\$71,375
PhD	\$75,345

Median S&E Earnings By Occupation

	U.S.
Total	\$58,760
Information Technology	\$60,470
Mathematics	\$63,825
Architecture	\$52,035
Engineering	\$60,890
Life Sciences	\$45,025
Physical Sciences	\$52,495
Social Sciences	\$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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