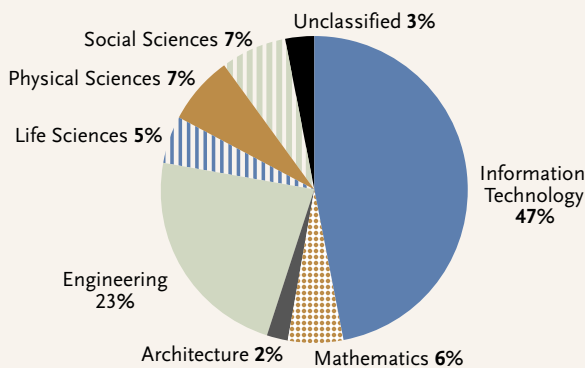


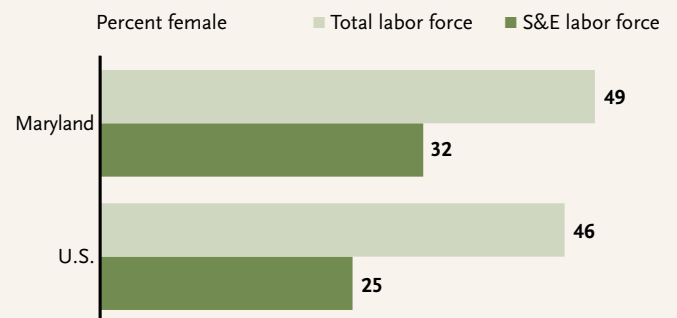
Scientists and Engineers in **Maryland**, 2005

This profile summarizes the demographic, social, and economic characteristics of the 245,695 people in Maryland's science and engineering (S&E) labor force. In 2005, the unemployment rate for Maryland's S&E labor force was 2% and median earnings were \$70,185. Maryland ranked number 2 out of 50 states and DC in the share of people working in S&E occupations.

S&E Occupations in Maryland



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



Share of labor force in S&E occupations

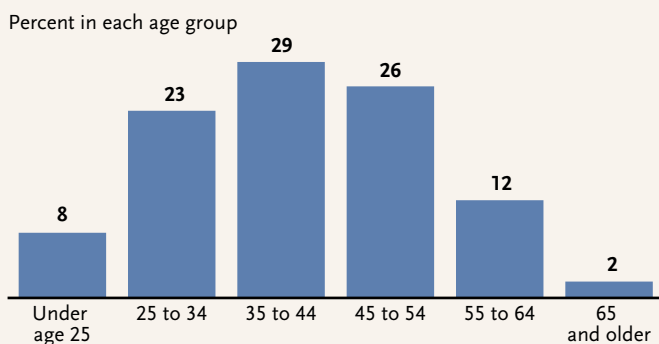
(Top States)	Percent
United States	5
1. District of Columbia	9
2. Maryland	8
3. Colorado	7
3. Massachusetts	7
3. Virginia	7
3. Washington	7

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

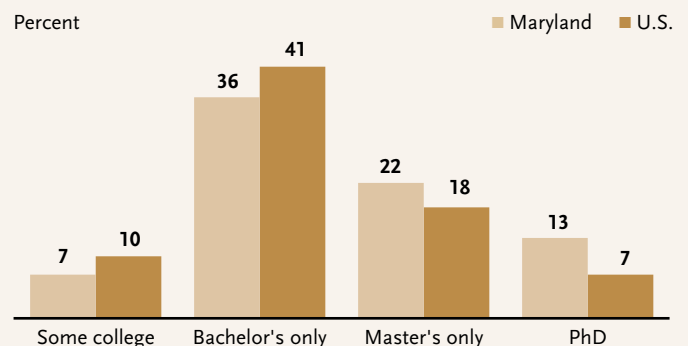
	Maryland (%)	U.S. (%)
White*	65	74
African American*	18	6
American Indian*	0	0
Asian*	13	13
Other Race*	0	0
Two or More Races*	1	1
Hispanic	2	6
Foreign-born	19	19

*Non-Hispanic

Age Distribution of the S&E Labor Force in Maryland



Educational Attainment of the S&E Labor Force

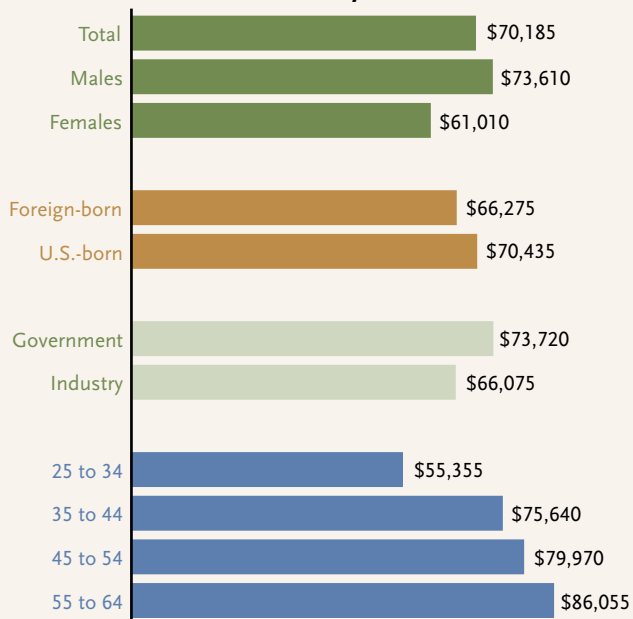


In 2005, IT workers accounted for the largest share of Maryland's S&E labor force (47%). Median earnings for IT workers in Maryland were \$71,510, compared with \$60,470 for IT workers nationwide. 40% of Maryland's IT workers were racial or ethnic minorities.

	Total	Information Technology	Mathematics	Architecture	Engineering	Life Sciences	Physical Sciences	Social Sciences
S&E Labor Force	245,695	115,265	13,880	5,870	56,370	13,090	17,970	16,780
Percent	100%	47%	6%	2%	23%	5%	7%	7%
Highest Degree								
Bachelor's	36%	41%	—	—	37%	16%	25%	21%
Master's	22%	21%	—	—	21%	18%	21%	—
PhD	13%	3%	13%	6%	5%	—	—	—
Percent Female	32%	34%	—	—	13%	—	28%	—
Percent Minority*	35%	40%	30%	25%	29%	37%	27%	28%
Percent Foreign-born	19%	19%	10%	—	14%	—	—	17%

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

Median earnings of the S&E Labor Force in Maryland



Median S&E Earnings By Highest Degree

	Maryland	U.S.
Total	\$70,185	\$58,760
Associate	\$56,855	\$49,880
Bachelor's	\$70,655	\$61,690
Master's	\$81,000	\$71,375
PhD	\$81,220	\$75,345

Median S&E Earnings By Occupation

	Maryland	U.S.
Total	\$70,185	\$58,760
Information Technology	\$71,510	\$60,470
Mathematics	\$77,350	\$63,825
Architecture	\$50,445	\$52,035
Engineering	\$70,605	\$60,890
Life Sciences	\$56,605	\$45,025
Physical Sciences	\$67,045	\$52,495
Social Sciences	\$64,425	\$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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1875 Connecticut Ave., NW, Suite 520 | Washington, DC 20009 | Tel: 202-483-1100 | Fax: 202-328-3937 | Web: www.prb.org