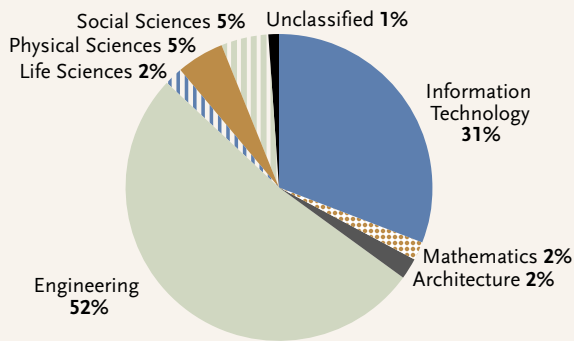


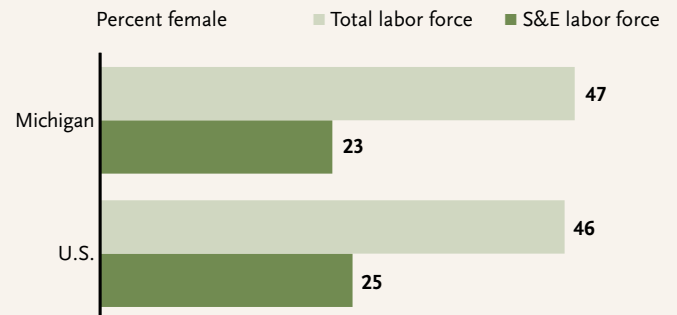
## Scientists and Engineers in Michigan, 2005

This profile summarizes the demographic, social, and economic characteristics of the 256,860 people in Michigan's science and engineering (S&E) labor force. In 2005, the unemployment rate for Michigan's S&E labor force was 4% and median earnings were \$61,575. Michigan ranked number 15 out of 50 states and DC in the share of people working in S&E occupations.

### S&E Occupations in Michigan



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



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

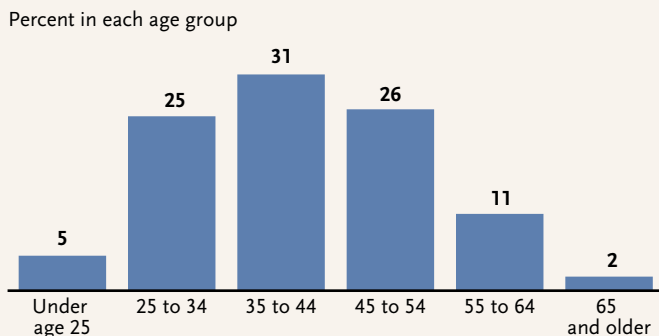
(Top States)	Percent
United States	5
1. District of Columbia	9
2. Maryland	8
3. Colorado	7
3. Massachusetts	7
3. Virginia	7
3. Washington	7
<b>15. Michigan</b>	<b>5</b>

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

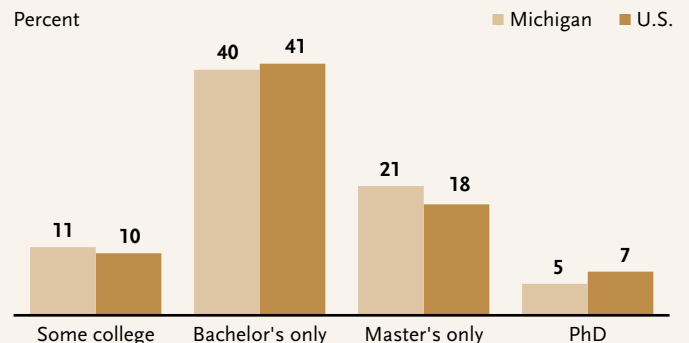
	Michigan (%)	U.S. (%)
White*	82	74
African American*	5	6
American Indian*	0	0
Asian*	10	13
Other Race*	0	0
Two or More Races*	1	1
Hispanic	2	6
Foreign-born	16	19

\*Non-Hispanic

### Age Distribution of the S&E Labor Force in Michigan



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

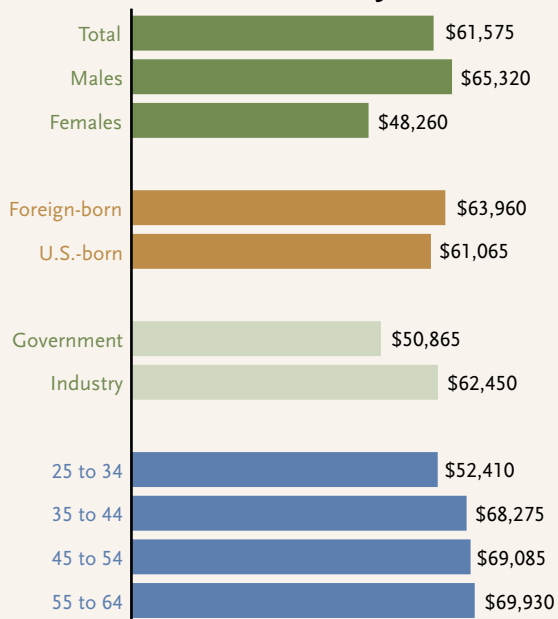


In 2005, engineers accounted for the largest share of Michigan's S&E labor force (51%). Median earnings for engineers in Michigan were \$66,840, compared with \$60,890 for engineers nationwide. 16% of Michigan's engineers were racial or ethnic minorities.

	Total	Information Technology	Mathematics	Architecture	Engineering	Life Sciences	Physical Sciences	Social Sciences
S&E Labor Force	256,860	80,290	4,130	6,405	131,165	6,230	13,045	11,745
Percent	100%	31%	2%	2%	51%	2%	5%	5%
Highest Degree								
Bachelor's	40%	44%	—	—	40%	—	—	22%
Master's	21%	16%	—	—	21%	—	—	—
PhD	5%	1%	—	6%	3%	—	—	26%
Percent Female	23%	30%	—	—	13%	—	—	—
Percent Minority*	18%	22%	23%	2%	16%	17%	25%	12%
Percent Foreign-born	16%	18%	—	6%	17%	—	—	10%

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

### Median earnings of the S&E Labor Force in Michigan



### Median S&E Earnings By Highest Degree

	Michigan	U.S.
Total	\$61,575	\$58,760
Associate	\$52,430	\$49,880
Bachelor's	\$64,035	\$61,690
Master's	\$71,330	\$71,375
PhD	\$75,730	\$75,345

### Median S&E Earnings By Occupation

	Michigan	U.S.
Total	\$61,575	\$58,760
Information Technology	\$57,400	\$60,470
Mathematics	\$63,810	\$63,825
Architecture	\$52,295	\$52,035
Engineering	\$66,840	\$60,890
Life Sciences	\$44,430	\$45,025
Physical Sciences	\$56,105	\$52,495
Social Sciences	\$52,435	\$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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