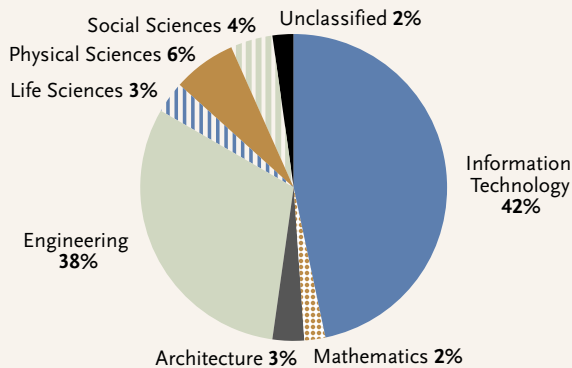


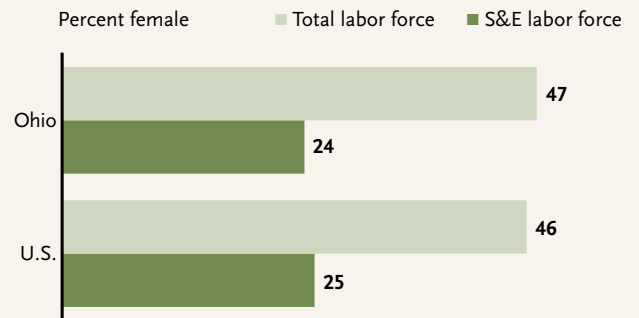
Scientists and Engineers in **Ohio**, 2005

This profile summarizes the demographic, social, and economic characteristics of the 256,370 people in Ohio's science and engineering (S&E) labor force. In 2005, the unemployment rate for Ohio's S&E labor force was 4% and median earnings were \$53,940. Ohio ranked number 29 out of 50 states and DC in the share of people working in S&E occupations.

S&E Occupations in Ohio



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



Share of labor force in S&E occupations

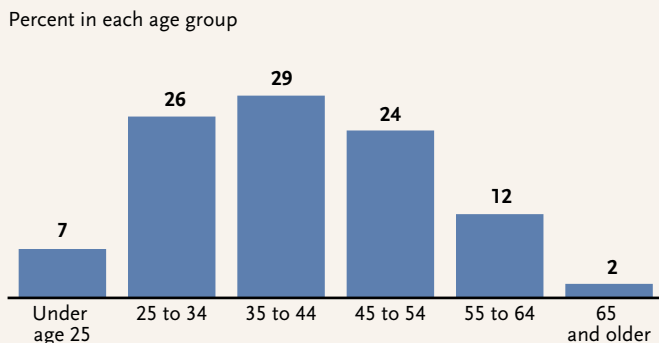
(Top States)	Percent
United States	5
1. District of Columbia	9
2. Maryland	8
3. Colorado	7
3. Massachusetts	7
3. Virginia	7
3. Washington	7
29. Ohio	4

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

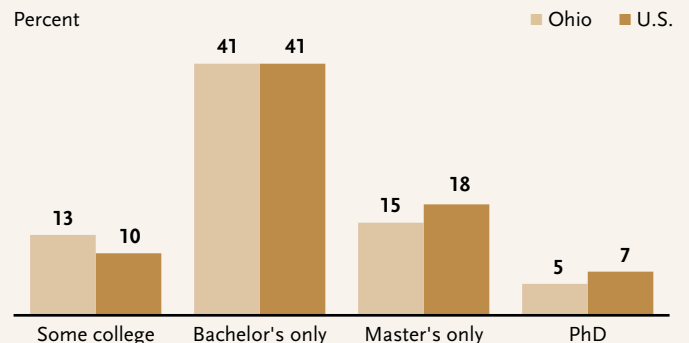
	Ohio (%)	U.S. (%)
White*	85	74
African American*	6	6
American Indian*	0	0
Asian*	6	13
Other Race*	0	0
Two or More Races*	1	1
Hispanic	2	6
Foreign-born	10	19

*Non-Hispanic

Age Distribution of the S&E Labor Force in Ohio



Educational Attainment of the S&E Labor Force

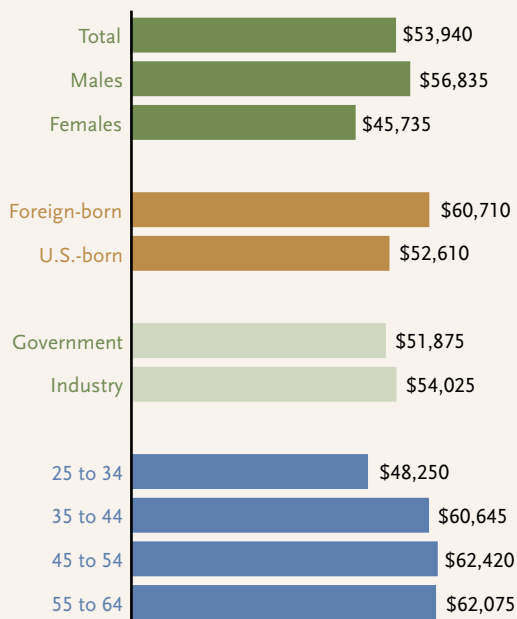


In 2005, IT workers accounted for the largest share of Ohio's S&E labor force (42%). Median earnings for IT workers in Ohio were \$54,520, compared with \$60,470 for IT workers nationwide. 19% of Ohio's IT workers were racial or ethnic minorities.

	Total	Information Technology	Mathematics	Architecture	Engineering	Life Sciences	Physical Sciences	Social Sciences
S&E Labor Force	256,370	107,745	4,480	7,890	96,355	7,530	15,360	11,140
Percent	100%	42%	2%	3%	38%	3%	6%	4%
Highest Degree								
Bachelor's	41%	43%	—	—	42%	—	—	—
Master's	15%	11%	—	—	14%	—	23%	—
PhD	5%	2%	5%	6%	3%	—	16%	24%
Percent Female	24%	26%	—	11%	12%	—	—	—
Percent Minority*	15%	19%	7%	16%	11%	26%	17%	9%
Percent Foreign-born	10%	11%	8%	—	9%	—	13%	6%

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

Median earnings of the S&E Labor Force in Ohio



Median S&E Earnings By Highest Degree

	Ohio	U.S.
Total	\$53,940	\$58,760
Associate	\$46,885	\$49,880
Bachelor's	\$59,300	\$61,690
Master's	\$66,205	\$71,375
PhD	\$70,765	\$75,345

Median S&E Earnings By Occupation

	Ohio	U.S.
Total	\$53,940	\$58,760
Information Technology	\$54,520	\$60,470
Mathematics	\$60,250	\$63,825
Architecture	\$45,375	\$52,035
Engineering	\$56,375	\$60,890
Life Sciences	\$42,960	\$45,025
Physical Sciences	\$51,020	\$52,495
Social Sciences	\$50,805	\$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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