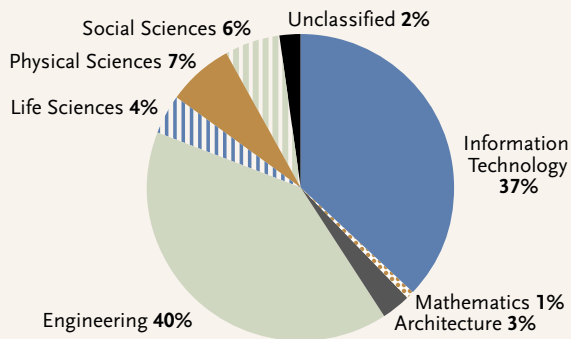


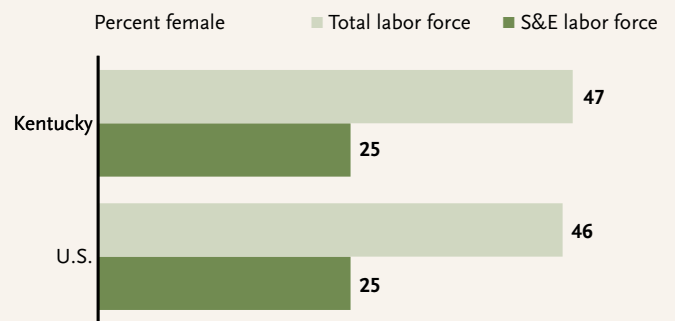
Scientists and Engineers in **Kentucky**, 2005

This profile summarizes the demographic, social, and economic characteristics of the 59,700 people in Kentucky's science and engineering (S&E) labor force. In 2005, the unemployment rate for Kentucky's S&E labor force was 3% and median earnings were \$49,630. Kentucky ranked number 43 out of 50 states and DC in the share of people working in S&E occupations.

S&E Occupations in Kentucky



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



Share of labor force in S&E occupations

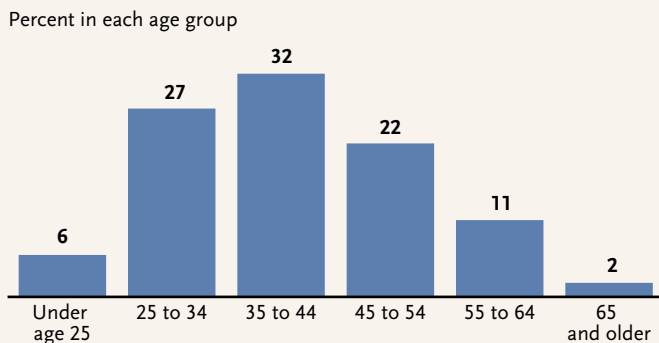
(Top States)	Percent
United States	5
1. District of Columbia	9
2. Maryland	8
3. Colorado	7
3. Massachusetts	7
3. Virginia	7
3. Washington	7
43. Kentucky	3

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

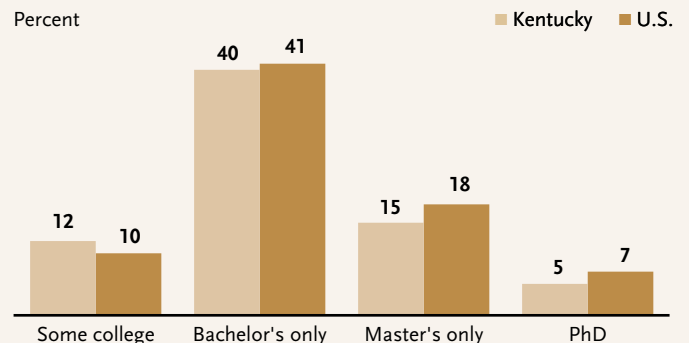
	Kentucky (%)	U.S. (%)
White*	87	74
African American*	4	6
American Indian*	0	0
Asian*	6	13
Other Race*	0	0
Two or More Races*	1	1
Hispanic	1	6
Foreign-born	9	19

*Non-Hispanic

Age Distribution of the S&E Labor Force in Kentucky



Educational Attainment of the S&E Labor Force

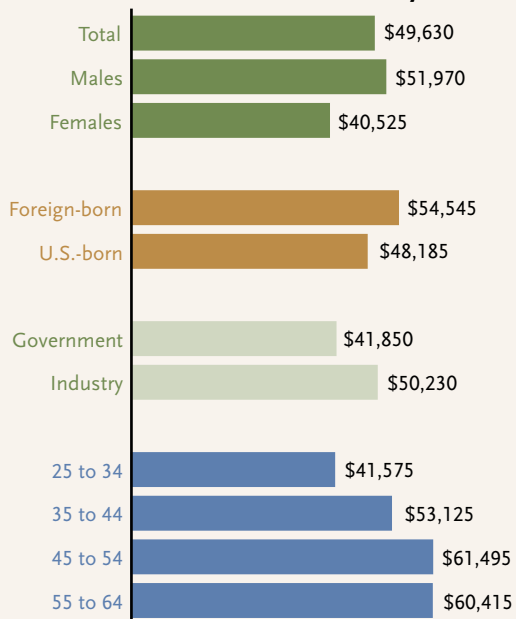


In 2005, engineers accounted for the largest share of Kentucky's S&E labor force (41%). Median earnings for engineers in Kentucky were \$53,335, compared with \$60,890 for engineers nationwide. 12% of Kentucky's engineers were racial or ethnic minorities.

	Total	Information Technology	Mathematics	Architecture	Engineering	Life Sciences	Physical Sciences	Social Sciences
S&E Labor Force	59,700	22,420	795	1,565	24,400	2,365	3,910	3,295
Percent	100%	38%	1%	3%	41%	4%	7%	6%
Highest Degree								
Bachelor's	40%	39%	—	—	—	—	—	—
Master's	15%	8%	—	—	16%	—	—	—
PhD	5%	1%	—	—	1%	—	—	—
Percent Female	25%	—	—	—	14%	—	—	—
Percent Minority*	13%	16%	24%	0%	12%	2%	8%	8%
Percent Foreign-born	9%	11%	—	—	9%	—	—	—

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

Median earnings of the S&E Labor Force in Kentucky



Median S&E Earnings By Highest Degree

	Kentucky	U.S.
Total	\$49,630	\$58,760
Associate	\$44,075	\$49,880
Bachelor's	\$52,385	\$61,690
Master's	\$65,670	\$71,375
PhD	\$57,780	\$75,345

Median S&E Earnings By Occupation

	Kentucky	U.S.
Total	\$49,630	\$58,760
Information Technology	\$48,030	\$60,470
Mathematics	—	\$63,825
Architecture	—	\$52,035
Engineering	\$53,335	\$60,890
Life Sciences	\$34,040	\$45,025
Physical Sciences	\$42,035	\$52,495
Social Sciences	\$40,430	\$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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