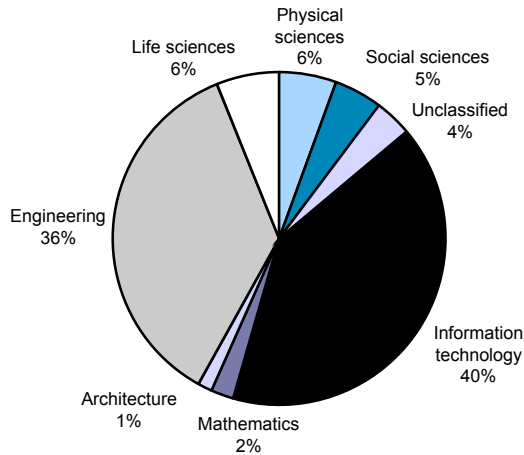


This profile summarizes the demographic, social, and economic characteristics of the 63,310 people in Iowa's science and engineering (S&E) labor force. In 2005, the unemployment rate for Iowa's S&E labor force was 3% and median earnings were \$50,280. Iowa ranked number 29 out of 50 states and DC in the share of people working in S&E occupations.

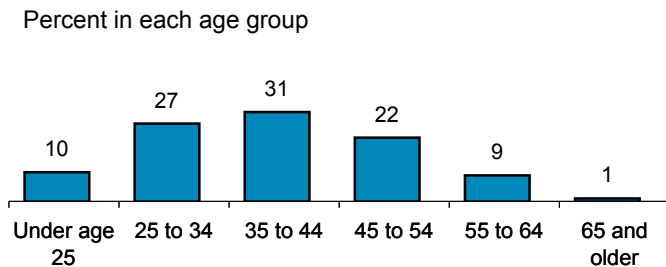
**S&E occupations in Iowa**



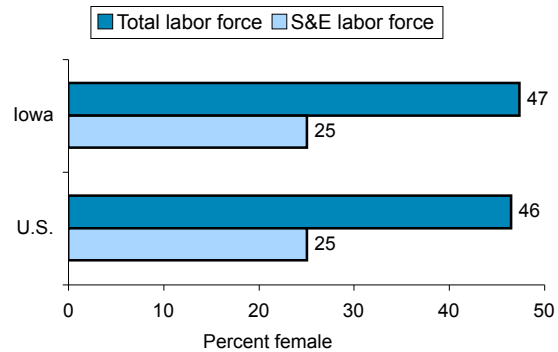
**Share of labor force in S&E occupations**

(Top states)	Percent
1. District of Columbia	9
2. Maryland	8
3. Colorado	7
3. Massachusetts	7
3. Virginia	7
3. Washington	7
29. Iowa	4

**Age distribution of the S&E labor force in Iowa**



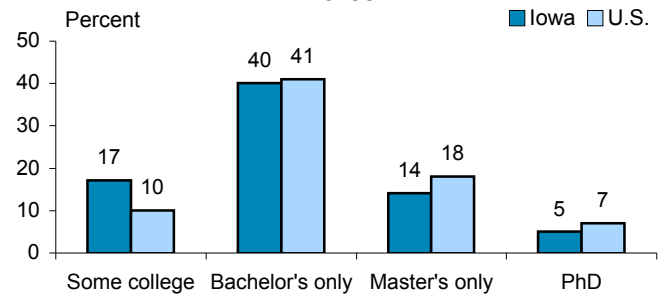
**Percent of total and S&E labor force that is female**



**Racial/ethnic composition and nativity status of labor force in S&E occupations**

	Iowa(%)	U.S.(%)
White*	94	74
African American*	0	6
American Indian*	0	0
Asian*	4	13
Other race*	0	0
Two or more races*	0	1
Hispanic	2	6
Foreign-born	6	19

**Educational attainment of the S&E labor force**



\*Non-Hispanic

Source: Population Reference Bureau analysis of the 2005 American Community Survey.

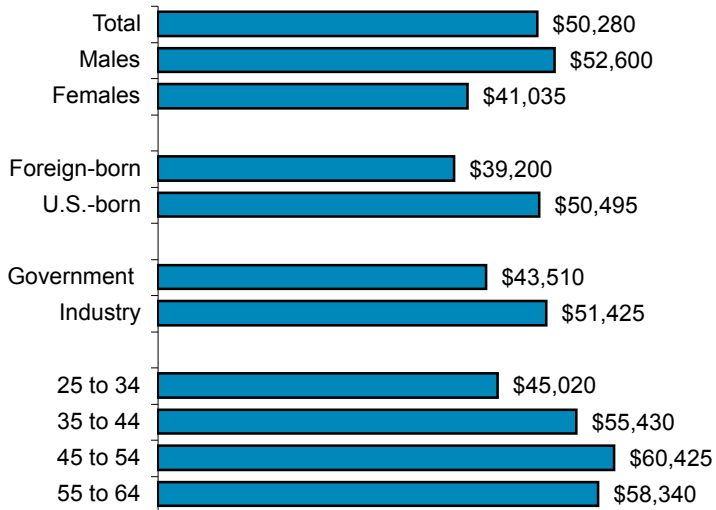
## Scientists and Engineers in Iowa, 2005

In 2005, IT workers accounted for the largest share of Iowa's S&E labor force (41%). Median earnings for IT workers in Iowa were \$51,475, compared with \$60,470 for IT workers nationwide. 7% of Iowa's IT workers were racial or ethnic minorities.

	Total	Information technology	Mathematics	Architecture	Engineering	Life sciences	Physical sciences	Social sciences
S&E labor force	63,310	25,690	1,445	865	22,615	3,895	3,555	2,945
Percent	100%	41%	2%	1%	36%	6%	6%	5%
Highest degree								
Bachelor's	40%	41%	-	-	41%	-	-	-
Master's	14%	11%	-	-	16%	-	-	-
PhD	5%	-	-	-	2%	-	-	-
Percent female	25%	27%	-	-	15%	-	-	-
Percent minority*	6%	7%	4%	0%	5%	10%	7%	6%
Percent foreign-born	6%	8%	-	-	3%	8%	5%	-

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

**Median earnings of the S&E labor force in Iowa**



**Median S&E earnings by highest degree**

	Iowa	U.S.
Total	\$50,280	\$58,760
Associate	\$44,235	\$49,880
Bachelor's	\$52,410	\$61,690
Master's	\$62,900	\$71,375
PhD	\$58,275	\$75,345

**Median S&E earnings by occupation**

	Iowa	U.S.
Total	\$50,280	\$58,760
Information technology	\$51,475	\$60,470
Mathematics	-	\$63,825
Architecture	-	\$52,035
Engineering	\$51,865	\$60,890
Life sciences	\$41,335	\$45,025
Physical sciences	\$46,130	\$52,495
Social sciences	\$50,675	\$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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