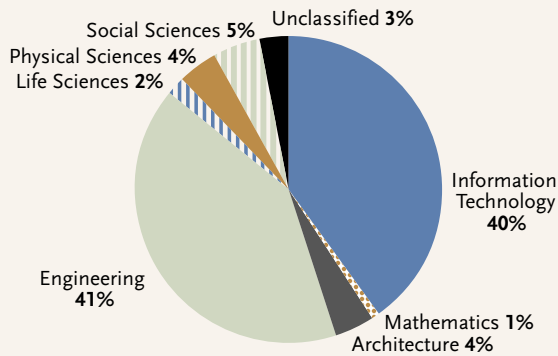


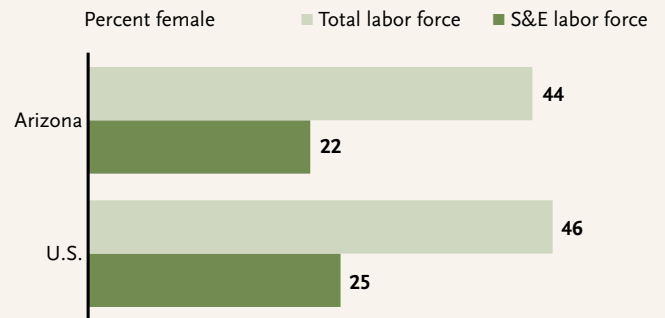
Scientists and Engineers in **Arizona**, 2005

This profile summarizes the demographic, social, and economic characteristics of the 141,165 people in Arizona's science and engineering (S&E) labor force. In 2005, the unemployment rate for Arizona's S&E labor force was 3% and median earnings were \$52,995. Arizona ranked number 15 out of 50 states and DC in the share of people working in S&E occupations.

S&E Occupations in Arizona



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



Share of labor force in S&E occupations

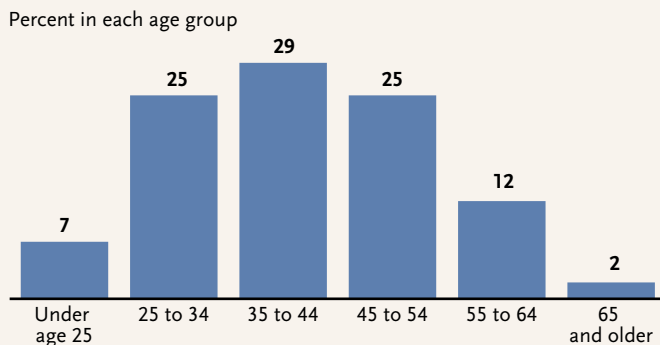
(Top States)	Percent
United States	5
1. District of Columbia	9
2. Maryland	8
3. Colorado	7
3. Massachusetts	7
3. Virginia	7
3. Washington	7
15. Arizona	5

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

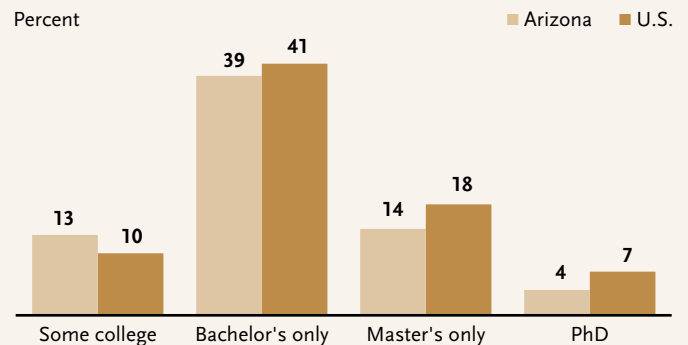
	Arizona (%)	U.S. (%)
White*	75	74
African American*	2	6
American Indian*	2	0
Asian*	8	13
Other Race*	0	0
Two or More Races*	1	1
Hispanic	10	6
Foreign-born	14	19

*Non-Hispanic

Age Distribution of the S&E Labor Force in Arizona



Educational Attainment of the S&E Labor Force

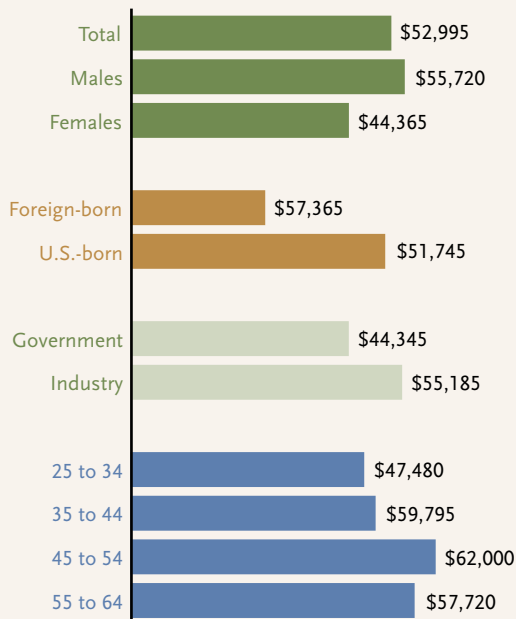


In 2005, engineers accounted for the largest share of Arizona's S&E labor force (41%). Median earnings for engineers in Arizona were \$60,670, compared with \$60,890 for engineers nationwide. 23% of Arizona's engineers were racial or ethnic minorities.

	Total	Information Technology	Mathematics	Architecture	Engineering	Life Sciences	Physical Sciences	Social Sciences
S&E Labor Force	141,165	56,690	1,490	5,300	57,980	3,365	5,640	6,745
Percent	100%	40%	1%	4%	41%	2%	4%	5%
Highest Degree								
Bachelor's	39%	38%	—	—	40%	—	—	—
Master's	14%	12%	—	—	15%	—	—	—
PhD	4%	2%	—	4%	3%	—	—	—
Percent Female	22%	25%	—	—	11%	—	—	—
Percent Minority*	25%	27%	7%	20%	23%	17%	41%	18%
Percent Foreign-born	14%	15%	—	3%	12%	—	—	—

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

Median earnings of the S&E Labor Force in Arizona



Median S&E Earnings By Highest Degree

	Arizona	U.S.
Total	\$52,995	\$58,760
Associate	\$46,950	\$49,880
Bachelor's	\$61,400	\$61,690
Master's	\$70,725	\$71,375
PhD	\$63,045	\$75,345

Median S&E Earnings By Occupation

	Arizona	U.S.
Total	\$52,995	\$58,760
Information Technology	\$51,100	\$60,470
Mathematics	—	\$63,825
Architecture	\$47,895	\$52,035
Engineering	\$60,670	\$60,890
Life Sciences	\$40,270	\$45,025
Physical Sciences	\$43,300	\$52,495
Social Sciences	\$53,655	\$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