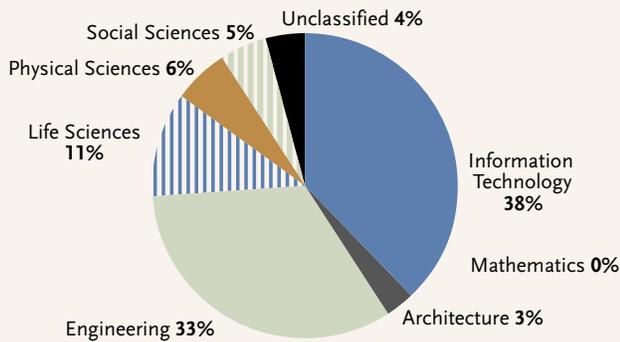


Scientists and Engineers in North Dakota, 2005

This profile summarizes the demographic, social, and economic characteristics of the 11,550 people in North Dakota's science and engineering (S&E) labor force. In 2005, the unemployment rate for North Dakota's S&E labor force was 4% and median earnings were \$40,770. North Dakota ranked number 43 out of 50 states and DC in the share of people working in S&E occupations.

S&E Occupations in North Dakota



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



Share of labor force in S&E occupations

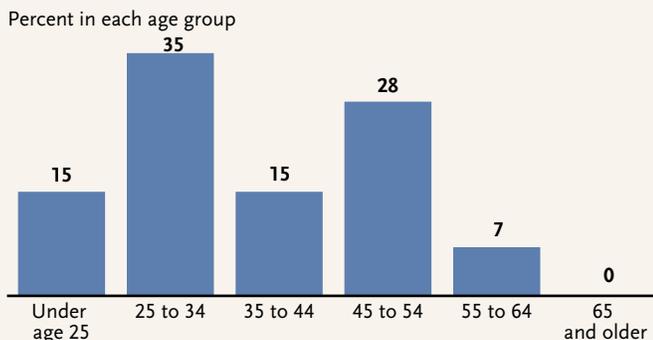
(Top States)	Percent
United States	5
1. District of Columbia	9
2. Maryland	8
3. Colorado	7
3. Massachusetts	7
3. Virginia	7
3. Washington	7
43. North Dakota	3

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

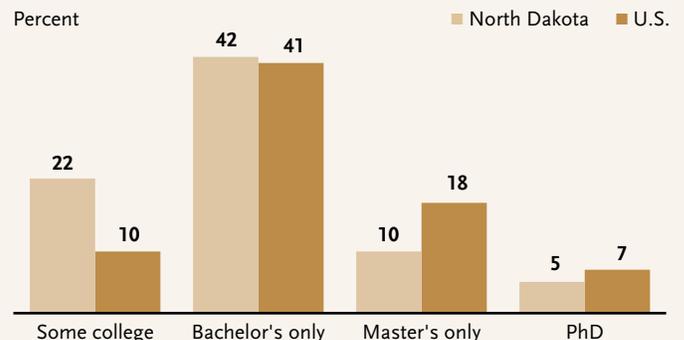
	North Dakota (%)	U.S. (%)
White*	97	74
African American*	0	6
American Indian*	1	0
Asian*	0	13
Other Race*	0	0
Two or More Races*	0	1
Hispanic	0	6
Foreign-born	2	19

*Non-Hispanic

Age Distribution of the S&E Labor Force in North Dakota



Educational Attainment of the S&E Labor Force

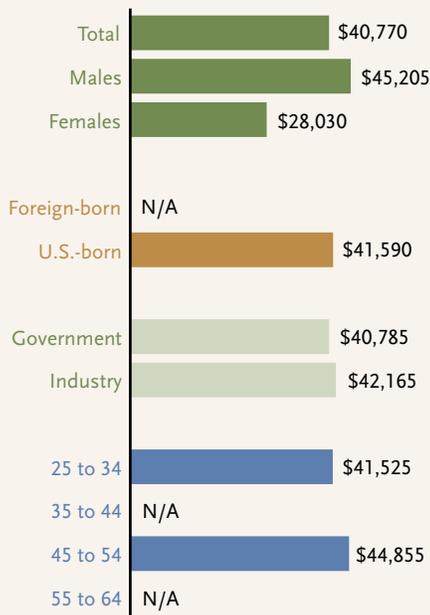


In 2005, IT workers accounted for the largest share of North Dakota's S&E labor force (38%). Median earnings for IT workers in North Dakota were \$41,380, compared with \$60,470 for IT workers nationwide. 1% of North Dakota's IT workers were racial or ethnic minorities.

	Total	Information Technology	Mathematics	Architecture	Engineering	Life Sciences	Physical Sciences	Social Sciences
S&E Labor Force	11,550	4,440	0	390	3,805	1,225	715	545
Percent	100%	38%	0%	3%	33%	11%	6%	5%
Highest Degree								
Bachelor's	42%	—	—	—	—	—	—	—
Master's	10%	—	—	—	—	—	—	—
PhD	5%	—	—	—	—	—	—	—
Percent Female	25%	—	—	—	—	—	—	—
Percent Minority*	3%	1%	—	0%	2%	2%	7%	18%
Percent Foreign-born	2%	—	—	—	—	—	—	—

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

Median earnings of the S&E Labor Force in North Dakota



Median S&E Earnings By Highest Degree

	North Dakota	U.S.
Total	\$40,770	\$58,760
Associate	\$39,425	\$49,880
Bachelor's	\$45,955	\$61,690
Master's	—	\$71,375
PhD	—	\$75,345

Median S&E Earnings By Occupation

	North Dakota	U.S.
Total	\$40,770	\$58,760
Information Technology	\$41,380	\$60,470
Mathematics	—	\$63,825
Architecture	—	\$52,035
Engineering	\$52,385	\$60,890
Life Sciences	—	\$45,025
Physical Sciences	—	\$52,495
Social Sciences	—	\$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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