



APPENDIX TABLE 3-14 

Employed S&E highest degree holders, by sex, race, ethnicity, field of highest degree, and broad occupational category: 2015

(Percent)

Sex, race, ethnicity, and field of highest degree	S&E occupations			S&E-related occupations	Non-S&E occupations
	All S&E	In field	Out of field		
All employed S&E highest degree holders	36.0	26.8	9.2	14.5	49.6
Female					
All S&E fields	24.0	18.0	6.1	16.3	59.7
Computer and mathematical sciences	45.6	43.3	2.3	17.9	36.5
Biological, agricultural, and environmental life sciences	26.8	17.9	8.9	36.8	36.4
Physical and related sciences	34.4	20.0	14.1	29.3	36.7
Social and related sciences	12.0	8.6	3.4	7.4	80.6
Engineering	54.1	37.8	16.3	14.3	31.8
Male					
All S&E fields	43.9	32.6	11.2	13.3	42.9
Computer and mathematical sciences	62.3	59.0	3.3	12.3	25.4
Biological, agricultural, and environmental life sciences	32.3	22.0	10.2	19.6	48.2
Physical and related sciences	56.5	34.3	22.4	15.8	27.7
Social and related sciences	14.4	6.9	7.5	8.1	77.5
Engineering	58.1	40.6	17.5	15.1	26.8
Asian					
All S&E fields	55.3	36.6	18.8	14.3	30.4
Computer and mathematical sciences	70.7	67.2	3.7	10.0	19.4
Biological, agricultural, and environmental life sciences	47.0	26.3	s	29.2	24.2
Physical and related sciences	61.6	35.5	26.1	14.5	23.9



Sex, race, ethnicity, and field of highest degree	S&E occupations			S&E-related occupations	Non-S&E occupations
	All S&E	In field	Out of field		
Social and related sciences	17.3	9.5	7.8	7.0	75.7
Engineering	64.7	31.1	33.5	15.3	19.9
American Indian or Alaska Native					
All S&E fields	22.5	15.0	s	20.0	60.0
Computer and mathematical sciences	s	s	s	*	s
Biological, agricultural, and environmental life sciences	28.6	s	*	s	42.9
Physical and related sciences	s	*	s	*	s
Social and related sciences	s	s	s	s	85.0
Engineering	22.2	22.2	s	44.4	33.3
Black					
All S&E fields	25.4	20.3	5.2	15.1	59.5
Computer and mathematical sciences	48.3	44.8	3.5	15.7	36.0
Biological, agricultural, and environmental life sciences	11.4	7.0	4.4	45.6	43.0
Physical and related sciences	60.0	36.0	24.0	16.0	28.0
Social and related sciences	10.8	7.6	3.2	7.1	82.2
Engineering	52.9	41.3	12.4	13.2	33.1
Hispanic, any race					
All S&E fields	27.8	20.9	6.9	14.0	58.1
Computer and mathematical sciences	47.1	44.9	2.2	15.4	37.5
Biological, agricultural, and environmental life sciences	21.3	14.9	6.3	27.6	51.1
Physical and related sciences	39.5	25.6	14.0	18.6	39.5
Social and related sciences	11.5	8.7	2.8	7.3	81.2
Engineering	50.5	34.7	15.9	15.9	33.6
White					



Sex, race, ethnicity, and field of highest degree	S&E occupations			S&E-related occupations	Non-S&E occupations
	All S&E	In field	Out of field		
All S&E fields	33.9	26.1	7.8	14.5	51.6
Computer and mathematical sciences	55.0	52.1	2.8	14.8	30.2
Biological, agricultural, and environmental life sciences	28.4	20.1	8.2	27.1	44.5
Physical and related sciences	45.9	28.2	17.7	22.1	32.0
Social and related sciences	13.2	7.8	5.5	7.9	78.9
Engineering	56.2	43.9	12.3	14.5	29.2
Native Hawaiian or Other Pacific Islander					
All S&E fields	21.4	14.3	4.8	7.1	73.8
Computer and mathematical sciences	s	s	s	s	s
Biological, agricultural, and environmental life sciences	25.0	s	s	s	50.0
Physical and related sciences	s	s	s	s	s
Social and related sciences	s	*	s	s	87.5
Engineering	66.7	66.7	s	s	s
More than one race					
All S&E fields	32.5	25.5	6.7	16.9	50.6
Computer and mathematical sciences	57.1	54.8	2.4	s	21.4
Biological, agricultural, and environmental life sciences	36.4	30.3	6.1	27.3	36.4
Physical and related sciences	62.5	25.0	25.0	25.0	25.0
Social and related sciences	11.2	7.2	4.0	10.4	78.4
Engineering	60.9	47.8	13.0	21.7	17.4

* = estimate < 500; s = suppressed for reasons of reliability and/or confidentiality.

Note(s)



Hispanic may be any race; American Indian or Alaska Native, Asian, black or African American, Native Hawaiian or Other Pacific Islander, white, and more than one race refer to individuals who are not of Hispanic origin. For each broad S&E highest degree field, S&E occupations in field includes individuals who report being in an occupation in the same broad category as their highest degree, and S&E occupations out of field includes those who report being in an occupation not in the same broad category as their highest degree. For example, for highest degree holders in computer and mathematical sciences, S&E occupations in field includes those who report computer and mathematical sciences as their occupation, and S&E occupations out of field includes those who report an S&E occupation other than computer and mathematical sciences occupations, that is, who report biological, agricultural, and environmental life sciences; physical sciences; social sciences; or engineering as their occupation. Detail may not add to total because of rounding. Percentages are based on rounded numbers.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, National Survey of College Graduates (NSCG) (2015), <https://www.nsf.gov/statistics/srvygrads/>.

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