

Appendix table 3-15

**Employed S&E highest degree holders, by sex, race, ethnicity, field of highest degree, and broad occupational category: 2010**

(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	35.1	26.9	8.2	13.9	51.0
Female					
All S&E fields	24.1	19.2	5.0	16.1	59.8
Computer and mathematical sciences	44.4	42.6	1.8	17.9	37.7
Biological, agricultural, and environmental life sciences	27.1	21.6	5.5	35.1	37.8
Physical and related sciences	42.6	27.7	15.0	22.2	35.2
Social and related sciences	11.9	8.8	3.1	8.6	79.5
Engineering	56.6	42.0	14.6	15.1	28.3
Male					
All S&E fields	41.7	31.6	10.1	12.6	45.7
Computer and mathematical sciences	57.2	54.1	3.1	15.5	27.3
Biological, agricultural, and environmental life sciences	32.6	23.2	9.5	18.0	49.4
Physical and related sciences	54.0	31.6	22.4	12.2	33.7
Social and related sciences	13.8	7.1	6.8	6.4	79.8
Engineering	57.9	43.1	14.7	14.2	27.9
Asian					
All S&E fields	51.0	37.0	14.0	16.0	33.0
Computer and mathematical sciences	61.7	59.7	2.0	15.6	22.7
Biological, agricultural, and environmental life sciences	40.8	32.8	8.0	33.2	25.9
Physical and related sciences	59.9	30.1	29.7	12.5	27.6
Social and related sciences	13.6	7.7	5.8	6.6	79.9
Engineering	64.3	37.4	26.9	15.2	20.4
American Indian or Alaska Native					
All S&E fields	24.2	21.7	S	23.9	52.0
Computer and mathematical sciences	S	S	S	S	65.2
Biological, agricultural, and environmental life sciences	S	S	S	50.1	S
Physical and related sciences	59.1	54.2	S	S	S
Social and related sciences	5.0	4.8	S	S	80.3
Engineering	57.8	52.9	S	S	17.0
Black					
All S&E fields	25.8	19.8	5.9	14.1	60.1
Computer and mathematical sciences	43.2	40.9	2.4	18.5	38.3
Biological, agricultural, and environmental life sciences	21.2	14.7	6.5	36.8	42.0
Physical and related sciences	46.2	32.6	13.6	19.4	34.4
Social and related sciences	9.9	5.1	4.8	8.1	82.0
Engineering	55.0	41.4	13.6	11.2	33.8
Hispanic, any race					
All S&E fields	28.7	23.2	5.5	13.5	57.8
Computer and mathematical sciences	45.9	43.1	2.8	14.1	40.0
Biological, agricultural, and environmental life sciences	23.8	20.2	3.7	28.3	47.9
Physical and related sciences	48.6	31.1	17.5	18.1	33.3
Social and related sciences	9.8	6.8	2.9	8.2	82.1
Engineering	51.3	40.9	10.3	13.3	35.4
White					
All S&E fields	33.5	26.0	7.5	13.5	53.0
Computer and mathematical sciences	52.8	49.7	3.0	16.3	31.0
Biological, agricultural, and environmental life sciences	29.3	21.4	7.9	24.3	46.4
Physical and related sciences	49.4	30.4	19.1	15.0	35.6
Social and related sciences	13.3	8.4	4.9	7.5	79.2
Engineering	56.4	45.0	11.4	14.2	29.4
Native Hawaiian or Other Pacific Islander					
All S&E fields	28.1	20.1	8.1	16.9	55.0
Computer and mathematical sciences	55.1	46.6	S	S	39.9
Biological, agricultural, and environmental life sciences	S	S	S	S	78.7

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**Employed S&E highest degree holders, by sex, race, ethnicity, field of highest degree, and broad occupational category: 2010**

(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		
Physical and related sciences	42.0	S	S	S	S
Social and related sciences	21.0	S	S	17.8	61.2
Engineering	52.3	42.3	10.1	20.5	27.2
More than one race					
All S&E fields	34.8	24.4	10.4	12.8	52.3
Computer and mathematical sciences	57.1	51.2	5.9	19.0	23.9
Biological, agricultural, and environmental life sciences	38.8	27.5	11.3	23.5	37.7
Physical and related sciences	52.1	34.3	17.8	16.6	31.3
Social and related sciences	13.9	8.2	5.7	6.0	80.1
Engineering	65.3	42.9	22.4	16.9	17.8

S = suppressed for reasons of confidentiality and/or reliability.

NOTES: Detail may not add to total because of rounding. Numbers are rounded to the nearest 1,000. Percentages are based on rounded numbers. 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 but 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/mathematical sciences, S&E occupation (in field) includes those who report computer or mathematical sciences as their occupation, and S&E occupation (but out of field) includes those who report an S&E occupation other than computer or mathematical sciences occupations, that is, report biological/agricultural/environmental life sciences, physical sciences, social sciences, or engineering as their occupation.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2010), <http://sestat.nsf.gov/>.

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