

TABLE 9-30

Science, engineering, and health doctorate holders employed full time as full, associate, or assistant professors in universities and 4-year colleges who were supported by federal grants or contracts in 2016, by occupation, sex, race, ethnicity, and disability status: 2017

Occupation	Total	Sex		Race and ethnicity							Disability status	
		Female	Male	White	Asian	Black or African American	Hispanic or Latino <sup>a</sup>	American Indian or Alaska Native	Native Hawaiian or Other Pacific Islander	More than one race	Without disability	With disability
Total (number)	223,400	78,300	145,100	163,000	37,650	8,700	10,450	450	200	2,900	201,650	21,800
With federal support (number)	91,350	28,600	62,750	67,450	16,150	2,900	3,650	200	100	950	83,500	7,850
All occupations (percent with federal support)	40.9	36.5	43.2	41.4	42.9	33	34.8	41.5	35.8	33	41.4	36
S&E occupations <sup>b</sup>	43.1	38.5	45.2	43.5	45.8	36.1	34.9	44.8	38.8	33.3	43.7	37
Science occupations	40.8	37	42.8	41.6	41.8	33.7	32.8	38.2	41.8	32.9	41.5	34.4
Biological/life scientist	58.3	54.6	60.2	57.9	63.6	59.6	45.1	67.2	85.1	48.9	58.9	51.7
Computer and information scientist	47.4	45.9	47.7	50.1	45.1	37.9	26.9	D	D	D	46.9	52.1
Mathematical scientist	34.6	39.1	33.2	37.6	24.7	31.8	36.2	D	D	S	36.3	20.6
Physical scientist	51.4	47.6	52.6	51.9	51.1	45.4	50	D	D	46.9	51.7	49.1
Psychologist	29.5	27.8	31.5	30.1	23.9	30.4	29.7	D	D	26.8	30.2	23.4
Social scientist	19.7	20.3	19.2	20.9	15.8	18.3	13.1	D	D	18.5	20.1	16
Engineer	56.6	57.7	56.4	57.5	57.3	51.8	48.1	D	D	37.1	57.2	51.8
S&E-related occupations <sup>c</sup>	41.1	37	46	41.8	38.1	37.2	47.6	S	D	46.4	41.2	40.9
Non-S&E occupations	26.9	26.5	27.1	28.2	24.1	18.1	24.2	D	D	23.4	26.9	27.1

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

<sup>a</sup> Hispanic or Latino may be any race.

<sup>b</sup> S&E occupations include S&E postsecondary teachers.

<sup>c</sup> S&E-related occupations include health occupations.

#### Note(s)

Numbers rounded to nearest 50, and percentages rounded to nearest 0.1%. Detail may not add to total because of rounding and suppression. Survey of Doctorate Recipients asks the degree of difficulty—none, slight, moderate, severe, or unable to do—an individual has in seeing (with glasses); hearing (with hearing aid); walking without assistance; lifting 10 pounds; or concentrating, remembering, or making decisions. Respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability. S&E occupations include S&E postsecondary teachers. S&E-related occupations include health-related occupations (e.g. diagnosing practitioners, registered nurses, postsecondary teachers in health and related sciences), S&E managers, S&E precollege teachers, S&E technicians and technologists, and other S&E related occupations.

#### Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2017.