

Table 9-32**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 2018, by occupation, sex, race, ethnicity, and disability status: 2019**

(Percent)

Occupation	Total	Sex		Race and ethnicity							Disability status	
		Female	Male	White	Asian	Black or African American	Hispanic or Latino ^a	American Indian or Alaska Native	Native Hawaiian or Other Pacific Islander	Multiple race	Without disability	With disability
SEH doctorate holders employed full time as ranked professors (number)	245,900	87,700	158,200	176,050	45,400	9,600	11,450	450	200	2,750	223,550	22,350
With federal support (number)	98,850	32,400	66,450	70,250	20,750	2,450	4,100	150	100	1,000	90,400	8,450
All occupations (percent)	40.2	36.9	42.0	39.9	45.7	25.5	35.7	35.7	49.1	36.9	40.4	37.7
S&E occupations ^b	42.2	39.0	43.7	41.7	48.4	25.6	38.0	36.3	58.3	37.0	42.5	39.2
Science occupations	40.0	37.8	41.3	39.9	45.8	23.8	35.8	S	65.2	33.1	40.4	36.9
Biological/ agricultural/ other life scientist	60.0	57.1	61.7	58.6	70.1	44.6	53.4	D	D	54.5	59.8	62.1
Computer/ information scientist	40.8	49.1	38.9	40.8	41.5	32.7	45.2	D	D	S	42.3	25.7
Mathematical scientist	31.7	36.2	30.2	31.5	32.1	33.1	29.7	D	D	47.3	32.2	26.0
Physical scientist	49.8	46.9	50.8	49.0	56.9	37.2	49.9	D	D	33.1	50.3	44.4
Psychologist	31.5	29.3	34.3	32.8	29.4	16.7	28.6	D	D	27.1	31.1	35.2
Social scientist	17.2	19.1	15.9	18.6	11.9	9.4	17.4	D	D	12.1	17.6	13.7
Engineering occupations	54.5	54.8	54.5	55.0	55.0	38.3	52.4	S	D	72.7	54.9	51.4
S&E-related occupations ^c	42.1	37.5	47.0	42.7	42.5	30.9	40.6	59.1	D	43.1	42.2	41.3
Non-S&E occupations ^d	24.4	24.4	24.4	25.4	23.7	20.5	15.2	D	D	31.6	24.6	22.6

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

S&E = science and engineering; SEH = science, engineering, and health.

^a Hispanic or Latino may be any race; race categories exclude Hispanic origin.^b S&E occupations include S&E postsecondary teachers.^c S&E-related occupations include health-related occupations (e.g., diagnosing practitioners, registered nurses, and 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.^d Non-S&E occupations do not include S&E-related 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.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2019.