

TABLE 9-27

Science, engineering, and health doctorate holders employed in universities and 4-year colleges, by broad occupation, race, ethnicity, and faculty rank: 2017

(Number)

Occupation, race, and ethnicity	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
All occupations	319,400	98,800	71,250	64,850	21,150	63,400
White	225,800	76,800	51,350	43,300	15,000	39,250
Asian	60,150	13,900	11,800	13,550	3,450	17,500
Black or African American	12,600	2,950	3,600	2,900	950	2,150
Hispanic or Latino <sup>a</sup>	15,450	3,800	3,300	3,900	1,300	3,150
American Indian or Alaska Native	600	150	200	100	50	100
Native Hawaiian or Other Pacific Islander	350	50	100	100	S	100
More than one race <sup>b</sup>	4,450	1,100	900	1,000	350	1,100
S&E occupations <sup>c</sup>	245,250	75,000	54,400	51,500	16,900	47,500
White	171,300	57,900	39,100	34,350	11,950	28,000
Asian	49,250	11,250	9,100	11,100	2,850	14,950
Black or African American	8,650	1,950	2,700	2,000	750	1,250
Hispanic or Latino <sup>a</sup>	12,000	2,900	2,600	3,100	1,050	2,400
American Indian or Alaska Native	350	150	100	50	D	50
Native Hawaiian or Other Pacific Islander	250	D	50	50	S	50
More than one race <sup>b</sup>	3,450	800	750	800	300	800
Scientist	214,200	63,400	47,150	44,800	15,350	43,450
White	153,100	50,650	34,700	30,850	10,900	26,000
Asian	39,050	7,850	7,000	8,600	2,450	13,150
Black or African American	7,750	1,700	2,450	1,750	700	1,150
Hispanic or Latino <sup>a</sup>	10,550	2,400	2,200	2,750	900	2,200
American Indian or Alaska Native	300	100	100	50	D	50
Native Hawaiian or Other Pacific Islander	250	D	50	50	S	50
More than one race <sup>b</sup>	3,200	700	700	750	300	750
Biological/life scientist	73,600	17,350	12,200	14,450	4,400	25,200
White	51,050	14,700	9,000	9,850	2,950	14,600
Asian	16,250	1,750	2,150	3,050	950	8,350
Black or African American	1,950	300	400	450	250	600
Hispanic or Latino <sup>a</sup>	3,200	450	450	950	200	1,200
American Indian or Alaska Native	100	D	50	D	D	50
Native Hawaiian or Other Pacific Islander	100	D	D	D	D	S
More than one race <sup>b</sup>	950	150	150	150	50	400
Computer and information scientist	11,200	3,200	2,600	2,300	550	2,500
White	6,450	2,050	1,400	1,400	250	1,350
Asian	4,000	1,050	950	750	150	1,050
Black or African American	300	50	100	50	D	50
Hispanic or Latino <sup>a</sup>	400	50	100	50	100	50
American Indian or Alaska Native	D	D	D	D	D	D
Native Hawaiian or Other Pacific Islander	D	D	D	D	D	D
More than one race <sup>b</sup>	50	D	D	D	D	S
Mathematical scientist	19,700	6,700	5,000	4,150	1,750	2,150
White	13,550	5,000	3,450	2,600	1,200	1,300
Asian	4,450	1,300	1,100	1,150	250	650
Black or African American	600	100	200	150	S	50
Hispanic or Latino <sup>a</sup>	1,000	300	250	150	200	100

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(Number)

Occupation, race, and ethnicity	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
American Indian or Alaska Native	D	D	D	D	D	D
Native Hawaiian or Other Pacific Islander	D	D	D	D	D	D
More than one race <sup>b</sup>	150	S	D	50	D	D
Physical scientist	39,150	13,100	7,600	7,550	3,600	7,300
White	28,600	10,100	6,050	5,650	2,450	4,350
Asian	7,250	2,000	800	1,200	900	2,400
Black or African American	900	200	250	200	100	100
Hispanic or Latino <sup>a</sup>	1,800	600	400	400	100	250
American Indian or Alaska Native	D	D	D	D	D	D
Native Hawaiian or Other Pacific Islander	D	D	D	D	D	D
More than one race <sup>b</sup>	550	100	100	100	50	200
Psychologist	24,300	7,400	6,750	5,450	1,650	3,100
White	19,000	6,350	5,200	3,850	1,350	2,300
Asian	2,100	300	650	650	D	400
Black or African American	1,250	250	400	350	100	150
Hispanic or Latino <sup>a</sup>	1,350	300	350	400	100	200
American Indian or Alaska Native	50	D	D	D	D	D
Native Hawaiian or Other Pacific Islander	D	D	D	D	D	D
More than one race <sup>b</sup>	500	150	100	200	D	50
Social scientist	46,150	15,600	13,050	10,950	3,400	3,200
White	34,400	12,450	9,600	7,500	2,700	2,200
Asian	5,000	1,400	1,350	1,800	150	300
Black or African American	2,700	750	1,050	500	200	200
Hispanic or Latino <sup>a</sup>	2,850	750	700	800	200	400
American Indian or Alaska Native	150	50	D	50	D	D
Native Hawaiian or Other Pacific Islander	50	D	D	D	D	D
More than one race <sup>b</sup>	950	250	300	250	150	100
Engineer	31,100	11,600	7,250	6,650	1,550	4,050
White	18,200	7,250	4,450	3,500	1,000	2,000
Asian	10,150	3,400	2,150	2,500	350	1,750
Black or African American	950	300	250	300	*	100
Hispanic or Latino <sup>a</sup>	1,450	450	400	350	100	200
American Indian or Alaska Native	50	D	D	D	D	D
Native Hawaiian or Other Pacific Islander	D	D	D	D	D	D
More than one race <sup>b</sup>	250	100	50	50	D	50
S&E-related occupations <sup>d</sup>	33,050	7,650	8,600	8,450	1,500	6,900
White	23,450	6,000	6,350	5,800	1,050	4,300
Asian	6,050	1,050	1,450	1,450	300	1,800
Black or African American	1,650	300	400	500	100	400
Hispanic or Latino <sup>a</sup>	1,350	250	250	500	100	300
American Indian or Alaska Native	100	D	50	D	D	D
Native Hawaiian or Other Pacific Islander	50	D	D	D	D	D
More than one race <sup>b</sup>	400	S	50	150	D	150
Non-S&E occupations	41,100	16,150	8,250	4,950	2,750	9,000

TABLE 9-27

Science, engineering, and health doctorate holders employed in universities and 4-year colleges, by broad occupation, race, ethnicity, and faculty rank: 2017

(Number)

Occupation, race, and ethnicity	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
White	31,050	12,900	5,950	3,150	2,050	7,000
Asian	4,900	1,600	1,200	1,000	350	750
Black or African American	2,250	700	500	400	100	550
Hispanic or Latino <sup>a</sup>	2,100	700	450	300	200	500
American Indian or Alaska Native	150	D	D	D	D	50
Native Hawaiian or Other Pacific Islander	50	D	D	D	D	D
More than one race <sup>b</sup>	600	250	150	50	50	150

\* = value < 25. 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> Includes persons of more than one race who are not Hispanic or Latino.

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

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

**Note(s)**

Numbers rounded to nearest 50. Detail may not add to total because of rounding and suppression. 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.