

TABLE 9-23. Science, engineering, and health doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, years since doctorate, and faculty rank: 2015

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
All occupations	323,200	104,650	72,500	63,450	19,600	63,000
Female	118,650	25,550	28,700	27,150	9,500	27,750
Less than 10	48,600	1,050	6,050	19,700	4,750	17,050
10–19	37,850	7,400	15,500	5,950	2,800	6,250
20–29	20,800	9,950	5,400	1,150	1,400	2,950
30 or more	11,400	7,200	1,800	300	600	1,500
Male	204,550	79,100	43,750	36,350	10,100	35,250
Less than 10	58,400	900	7,750	25,850	3,600	20,300
10–19	53,750	14,950	21,550	8,200	2,300	6,750
20–29	46,000	29,000	9,550	1,300	1,300	4,800
30 or more	46,350	34,250	4,950	950	2,850	3,400
S&E occupations	248,500	79,600	55,900	49,550	15,500	47,950
Female	83,350	16,250	20,150	19,950	7,100	19,850
Less than 10	36,150	450	4,100	14,600	3,650	13,350
10–19	25,650	4,300	11,200	4,400	1,900	3,850
20–29	13,700	6,400	3,650	750	1,100	1,800
30 or more	7,850	5,100	1,200	200	500	850
Male	165,150	63,350	35,700	29,600	8,400	28,100
Less than 10	49,200	650	6,500	21,750	3,050	17,250
10–19	43,500	12,500	17,750	6,300	1,900	5,050
20–29	35,850	22,800	7,650	900	1,000	3,500
30 or more	36,650	27,400	3,800	650	2,400	2,350
Scientist	215,750	67,100	48,300	42,900	14,150	43,300
Female	78,250	15,000	18,750	18,650	6,800	19,050
Less than 10	33,800	400	3,800	13,450	3,500	12,650
10–19	23,950	3,850	10,300	4,250	1,800	3,750
20–29	12,850	5,750	3,500	750	1,050	1,750
30 or more	7,650	4,950	1,150	200	500	850
Male	137,450	52,100	29,550	24,250	7,350	24,250
Less than 10	40,450	600	5,050	17,250	2,750	14,800
10–19	36,700	10,550	14,600	5,550	1,700	4,300
20–29	28,900	17,700	6,450	850	950	3,050
30 or more	31,450	23,250	3,450	650	1,950	2,150
Biological/life scientist	72,900	18,200	12,550	13,450	4,700	24,000
Female	28,700	4,100	4,900	5,700	2,400	11,650
Less than 10	13,750	150	550	3,350	1,100	8,600
10–19	8,050	800	2,700	1,950	650	1,950
20–29	4,300	1,600	1,150	300	500	750
30 or more	2,600	1,550	450	100	150	350
Male	44,200	14,150	7,650	7,750	2,300	12,350
Less than 10	14,700	100	700	4,300	800	8,800
10–19	11,850	2,250	3,900	3,000	750	2,000
20–29	8,100	4,550	2,000	300	250	950
30 or more	9,550	7,250	1,050	150	500	600
Computer and information scientist	11,500	3,700	2,900	2,000	500	2,350
Female	2,000	450	600	400	150	400
Less than 10	950	D	250	350	100	150
10–19	500	50	250	D	D	100
20–29	300	200	D	D	D	50
30 or more	250	150	D	D	D	S

TABLE 9-23. Science, engineering, and health doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, years since doctorate, and faculty rank: 2015

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
Male	9,500	3,250	2,350	1,650	350	1,950
Less than 10	3,300	50	750	1,500	150	850
10-19	2,350	1,000	850	S	S	350
20-29	2,400	1,350	550	D	100	400
30 or more	1,450	850	200	D	50	350
Mathematical scientist	19,800	7,200	5,150	4,050	1,350	2,100
Female	5,350	1,100	1,600	1,500	450	700
Less than 10	2,150	D	350	1,200	200	400
10-19	1,750	300	900	200	100	250
20-29	900	350	300	S	150	50
30 or more	550	400	S	D	D	50
Male	14,500	6,100	3,550	2,550	900	1,350
Less than 10	4,250	100	700	2,050	550	850
10-19	3,750	1,250	1,800	300	150	300
20-29	3,350	2,500	700	50	D	50
30 or more	3,150	2,300	400	150	150	150
Physical scientist	40,350	13,500	7,950	7,850	2,900	8,050
Female	9,650	1,950	2,200	2,550	1,100	1,800
Less than 10	4,150	S	300	2,000	600	1,200
10-19	3,000	550	1,400	450	300	350
20-29	1,750	1,000	400	100	150	150
30 or more	750	400	150	D	100	100
Male	30,700	11,550	5,750	5,300	1,800	6,250
Less than 10	8,650	100	700	3,850	650	3,350
10-19	8,250	2,350	3,250	1,100	350	1,200
20-29	6,700	4,050	1,150	250	300	950
30 or more	7,100	5,050	650	150	550	700
Psychologist	24,500	7,900	5,800	5,200	1,750	3,850
Female	13,700	3,000	3,300	3,500	1,100	2,750
Less than 10	5,150	100	700	2,350	600	1,350
10-19	4,450	850	1,550	950	400	700
20-29	2,550	1,050	800	150	100	500
30 or more	1,550	1,050	250	D	S	150
Male	10,800	4,850	2,500	1,700	650	1,100
Less than 10	2,450	D	550	1,250	150	450
10-19	3,000	1,150	1,300	300	150	150
20-29	2,200	1,350	400	D	D	350
30 or more	3,150	2,300	300	150	250	S
Social scientist	46,650	16,550	13,950	10,300	2,950	2,950
Female	18,900	4,350	6,200	5,050	1,600	1,700
Less than 10	7,750	100	1,600	4,200	900	950
10-19	6,200	1,300	3,450	650	350	400
20-29	2,950	1,550	850	200	150	200
30 or more	1,950	1,450	250	D	150	100
Male	27,750	12,200	7,700	5,250	1,350	1,250
Less than 10	7,100	150	1,700	4,250	500	550
10-19	7,500	2,600	3,550	750	300	300
20-29	6,150	3,950	1,600	200	150	250
30 or more	7,000	5,500	850	D	400	150

TABLE 9-23. Science, engineering, and health doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, years since doctorate, and faculty rank: 2015

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
Engineer	32,750	12,500	7,600	6,650	1,350	4,700
Female	5,100	1,250	1,400	1,300	300	800
Less than 10	2,300	D	300	1,150	200	650
10–19	1,700	500	900	150	100	100
20–29	850	600	150	D	D	D
30 or more	200	150	D	D	D	D
Male	27,700	11,250	6,200	5,350	1,050	3,850
Less than 10	8,800	50	1,450	4,500	300	2,450
10–19	6,800	1,950	3,150	750	200	750
20–29	6,900	5,100	1,200	50	100	450
30 or more	5,200	4,150	400	D	450	200
S&E-related occupations	34,650	8,600	8,800	9,050	1,350	6,850
Female	18,050	3,950	5,050	4,850	1,000	3,250
Less than 10	7,650	350	1,250	3,550	450	2,050
10–19	6,400	1,550	2,700	1,050	400	700
20–29	2,850	1,450	850	200	100	300
30 or more	1,100	600	250	D	50	150
Male	16,600	4,650	3,750	4,200	350	3,600
Less than 10	5,350	D	600	2,350	200	2,100
10–19	4,750	650	1,850	1,450	D	750
20–29	3,250	1,750	800	300	D	350
30 or more	3,250	2,200	500	100	D	400
Non-S&E occupations	40,050	16,500	7,800	4,850	2,750	8,150
Female	17,300	5,350	3,500	2,350	1,450	4,650
Less than 10	4,800	200	700	1,550	650	1,650
10–19	5,800	1,550	1,550	550	500	1,700
20–29	4,250	2,150	900	200	200	800
30 or more	2,400	1,450	350	50	S	500
Male	22,750	11,150	4,300	2,500	1,300	3,500
Less than 10	3,850	250	600	1,750	350	950
10–19	5,500	1,800	1,950	500	350	950
20–29	6,900	4,450	1,100	100	250	1,000
30 or more	6,500	4,650	650	200	400	650

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

S&E = science and engineering.

NOTES: 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 occupations.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2015.