

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: 2013

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
All occupations	304,400	100,600	66,700	60,400	17,400	59,200
Female	110,800	24,300	25,200	27,500	8,300	25,600
Less than 10	43,800	500	4,800	18,800	4,000	15,500
10–19	35,400	6,300	13,100	7,300	2,500	6,100
20–29	20,700	10,300	5,500	1,200	800	2,900
30 or more	11,000	7,100	1,700	200	900	1,100
Male	193,500	76,400	41,500	32,900	9,100	33,600
Less than 10	52,000	1,000	6,300	22,000	3,400	19,300
10–19	51,000	11,600	21,500	8,400	2,500	7,000
20–29	43,600	28,200	8,700	1,900	1,300	3,500
30 or more	46,900	35,600	5,000	600	1,900	3,800
S&E occupations	234,700	75,800	51,700	47,900	13,700	45,500
Female	78,700	15,800	17,600	20,500	6,100	18,700
Less than 10	33,000	200	3,100	14,300	2,900	12,500
10–19	24,900	4,200	9,700	5,300	1,800	3,900
20–29	13,400	6,600	3,700	800	700	1,600
30 or more	7,300	4,800	1,100	200	700	500
Male	156,100	60,000	34,200	27,500	7,500	26,900
Less than 10	45,000	800	5,400	18,900	2,800	17,100
10–19	41,100	9,100	18,200	6,800	2,100	5,000
20–29	33,800	22,500	6,800	1,300	1,000	2,300
30 or more	36,200	27,700	3,800	500	1,700	2,600
Scientist	207,000	65,300	46,000	42,200	12,300	41,200
Female	74,400	15,000	16,500	19,100	5,800	17,900
Less than 10	30,700	200	2,800	13,100	2,800	11,900
10–19	23,600	3,900	9,100	5,100	1,700	3,800
20–29	12,800	6,200	3,500	800	700	1,600
30 or more	7,300	4,700	1,100	200	700	500
Male	132,600	50,200	29,500	23,100	6,500	23,400
Less than 10	37,500	600	4,300	15,500	2,500	14,600
10–19	35,300	7,500	15,600	6,100	1,700	4,400
20–29	28,400	18,500	6,000	1,100	800	2,000
30 or more	31,400	23,700	3,500	500	1,500	2,300
Biological/life scientist	72,800	19,700	13,100	13,900	3,500	22,600
Female	27,400	4,600	4,100	6,400	2,000	10,300
Less than 10	12,400	D	400	3,600	900	7,600
10–19	7,900	700	2,400	2,300	500	1,900
20–29	4,400	2,000	1,100	400	200	700
30 or more	2,700	1,800	200	D	300	200
Male	45,500	15,200	9,000	7,500	1,600	12,300
Less than 10	14,700	S	900	3,700	800	9,100
10–19	11,600	1,800	4,800	3,000	200	1,800
20–29	9,900	6,200	2,400	500	200	700
30 or more	9,300	7,100	900	200	300	700
Computer and information scientist	10,300	3,200	2,600	1,900	500	2,100
Female	1,700	400	500	400	100	400
Less than 10	700	D	S	300	D	200
10–19	600	100	300	D	D	100
20–29	300	200	D	D	D	D
30 or more	S	D	D	D	D	D
Male	8,600	2,900	2,100	1,600	400	1,700
Less than 10	2,600	D	500	1,300	D	600
10–19	2,600	700	1,000	200	D	600

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: 2013

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
20-29	1,800	1,100	300	D	D	300
30 or more	1,600	900	300	D	D	200
Mathematical scientist	18,400	6,800	4,500	3,900	1,000	2,200
Female	4,900	1,100	1,000	1,500	400	800
Less than 10	1,900	D	200	1,100	200	500
10-19	1,600	400	500	200	100	300
20-29	700	300	200	D	D	D
30 or more	600	400	100	D	D	D
Male	13,500	5,700	3,500	2,400	500	1,300
Less than 10	3,700	D	500	1,900	200	1,000
10-19	3,300	1,000	1,700	400	200	100
20-29	2,800	2,100	600	D	D	D
30 or more	3,600	2,600	600	D	200	100
Physical scientist	39,300	13,200	7,900	7,200	2,800	8,100
Female	9,400	2,000	2,000	2,300	900	2,200
Less than 10	3,700	D	300	1,700	400	1,300
10-19	3,100	600	1,200	600	300	500
20-29	1,900	1,000	400	D	100	300
30 or more	600	400	D	D	D	D
Male	29,900	11,200	6,000	4,900	1,900	5,900
Less than 10	7,500	D	600	3,100	600	3,100
10-19	8,100	1,400	3,500	1,500	400	1,200
20-29	6,700	4,100	1,300	200	400	700
30 or more	7,700	5,600	700	D	600	800
Psychologist	23,500	6,800	5,900	5,400	1,900	3,600
Female	13,700	2,800	3,400	3,700	1,100	2,700
Less than 10	5,100	D	600	2,400	600	1,500
10-19	4,700	900	1,700	1,100	400	600
20-29	2,500	1,100	700	200	D	400
30 or more	1,400	800	300	D	D	200
Male	9,800	4,000	2,500	1,700	700	900
Less than 10	2,400	D	400	1,300	300	400
10-19	2,900	600	1,500	200	300	200
20-29	1,800	1,100	300	D	D	100
30 or more	2,800	2,300	300	D	D	200
Social scientist	42,700	15,400	12,000	9,900	2,700	2,700
Female	17,300	4,100	5,600	4,900	1,300	1,500
Less than 10	6,800	D	1,200	4,000	600	1,000
10-19	5,700	1,200	2,900	800	400	400
20-29	2,900	1,600	1,100	D	100	D
30 or more	1,900	1,300	400	D	200	D
Male	25,400	11,300	6,400	5,000	1,400	1,200
Less than 10	6,700	200	1,500	4,100	500	400
10-19	6,800	1,900	3,100	700	500	500
20-29	5,400	3,900	1,100	200	D	D
30 or more	6,500	5,200	700	D	300	300
Engineer	27,700	10,600	5,800	5,700	1,300	4,300
Female	4,300	800	1,100	1,300	300	800
Less than 10	2,300	D	300	1,200	200	600
10-19	1,300	300	600	100	200	100
20-29	600	400	100	D	D	D
30 or more	D	D	D	D	D	D

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: 2013

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
Male	23,400	9,800	4,700	4,400	1,000	3,500
Less than 10	7,400	D	1,000	3,500	300	2,500
10-19	5,700	1,600	2,500	700	300	500
20-29	5,500	4,000	900	S	200	300
30 or more	4,800	4,100	300	D	200	200
S&E-related occupations	31,000	8,700	7,300	7,800	1,600	5,600
Female	15,600	3,600	3,800	4,400	1,000	2,800
Less than 10	6,200	200	1,100	2,900	600	1,500
10-19	4,700	800	1,700	1,200	200	800
20-29	3,400	1,700	900	300	D	400
30 or more	1,300	900	200	D	D	200
Male	15,400	5,100	3,500	3,400	700	2,800
Less than 10	3,900	D	400	1,800	300	1,400
10-19	4,300	600	1,600	1,200	200	700
20-29	3,700	1,800	900	400	100	400
30 or more	3,500	2,600	500	D	D	200
Non-S&E occupations	38,600	16,100	7,600	4,600	2,100	8,100
Female	16,500	4,900	3,800	2,600	1,200	4,100
Less than 10	4,500	100	700	1,700	500	1,500
10-19	5,800	1,300	1,700	800	500	1,400
20-29	3,900	2,000	1,000	D	D	800
30 or more	2,300	1,400	400	D	200	300
Male	22,100	11,200	3,900	2,000	900	4,000
Less than 10	3,100	100	600	1,300	300	800
10-19	5,700	2,000	1,700	500	300	1,300
20-29	6,100	3,900	900	200	200	800
30 or more	7,200	5,300	700	D	200	1,000

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

S&E = scientists and engineers.

NOTES: Numbers rounded to nearest 100. 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, 2013.