

TABLE 9-24. Science, engineering, and health doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, years since doctorate, and tenure status: 2013

Occupation, sex, and years since doctorate	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
All occupations	304,400	140,900	46,200	38,400	78,900
Female	110,800	40,100	19,500	17,700	33,500
Less than 10	43,800	4,000	13,900	7,600	18,300
10–19	35,400	16,300	4,600	5,800	8,700
20–29	20,700	12,500	900	2,700	4,500
30 or more	11,000	7,300	S	1,500	2,000
Male	193,500	100,800	26,700	20,700	45,400
Less than 10	52,000	5,200	18,200	7,600	21,000
10–19	51,000	28,200	7,200	6,000	9,700
20–29	43,600	32,700	1,000	3,300	6,600
30 or more	46,900	34,700	300	3,800	8,000
S&E occupations	234,700	110,800	37,300	27,900	58,700
Female	78,700	28,500	14,600	11,800	23,800
Less than 10	33,000	2,600	10,500	5,500	14,400
10–19	24,900	12,100	3,400	3,900	5,500
20–29	13,400	8,600	700	1,400	2,600
30 or more	7,300	5,100	D	1,000	1,200
Male	156,100	82,300	22,700	16,100	35,000
Less than 10	45,000	4,500	15,700	6,300	18,400
10–19	41,100	23,700	6,000	4,600	6,700
20–29	33,800	26,600	800	2,400	4,100
30 or more	36,200	27,500	D	2,800	5,700
Scientist	207,000	96,600	32,200	25,100	53,200
Female	74,400	26,900	13,500	11,200	22,700
Less than 10	30,700	2,300	9,500	5,100	13,800
10–19	23,600	11,300	3,300	3,700	5,200
20–29	12,800	8,200	700	1,400	2,500
30 or more	7,300	5,100	D	1,000	1,100
Male	132,600	69,700	18,700	13,800	30,400
Less than 10	37,500	3,700	12,600	5,300	15,900
10–19	35,300	20,100	5,300	4,100	5,800
20–29	28,400	22,000	700	2,100	3,600
30 or more	31,400	23,900	D	2,400	5,100
Biological/life scientist	72,800	26,700	10,200	10,000	25,800
Female	27,400	6,700	4,400	4,500	11,700
Less than 10	12,400	200	2,100	1,900	8,200
10–19	7,900	2,400	1,700	1,600	2,100
20–29	4,400	2,400	500	500	1,000
30 or more	2,700	1,700	D	600	500
Male	45,500	20,000	5,800	5,500	14,100
Less than 10	14,700	700	2,700	2,100	9,200
10–19	11,600	5,200	2,800	1,500	2,000
20–29	9,900	7,200	300	1,000	1,400
30 or more	9,300	6,900	D	900	1,500
Computer and information scientist	10,300	5,500	1,700	900	2,200
Female	1,700	800	300	200	400
Less than 10	700	S	300	100	200
10–19	600	400	D	D	100
20–29	300	200	D	D	D
30 or more	S	D	D	D	D
Male	8,600	4,700	1,400	700	1,800
Less than 10	2,600	500	1,100	300	700
10–19	2,600	1,600	200	300	500

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Occupation, sex, and years since doctorate	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
20-29	1,800	1,500	D	D	300
30 or more	1,600	1,200	D	D	300
Mathematical scientist	18,400	10,100	2,900	2,000	3,400
Female	4,900	2,000	1,000	900	1,000
Less than 10	1,900	100	800	400	600
10-19	1,600	900	200	200	300
20-29	700	500	D	200	D
30 or more	600	500	D	D	D
Male	13,500	8,200	1,800	1,200	2,300
Less than 10	3,700	400	1,500	500	1,300
10-19	3,300	2,300	300	300	400
20-29	2,800	2,600	D	D	100
30 or more	3,600	2,800	D	300	500
Physical scientist	39,300	18,900	5,700	4,300	10,300
Female	9,400	3,600	1,800	1,300	2,700
Less than 10	3,700	200	1,400	600	1,500
10-19	3,100	1,500	300	500	700
20-29	1,900	1,400	D	D	400
30 or more	600	400	D	100	D
Male	29,900	15,300	3,900	3,100	7,600
Less than 10	7,500	500	2,600	1,100	3,300
10-19	8,100	4,400	1,100	1,000	1,600
20-29	6,700	4,900	200	400	1,100
30 or more	7,700	5,500	D	600	1,700
Psychologist	23,500	10,100	3,500	3,500	6,500
Female	13,700	4,800	2,200	2,400	4,400
Less than 10	5,100	600	1,600	1,100	1,900
10-19	4,700	2,100	500	800	1,300
20-29	2,500	1,200	D	400	900
30 or more	1,400	1,000	D	D	300
Male	9,800	5,300	1,300	1,100	2,100
Less than 10	2,400	300	1,000	400	700
10-19	2,900	1,700	300	300	600
20-29	1,800	1,100	D	200	400
30 or more	2,800	2,200	D	D	400
Social scientist	42,700	25,300	8,200	4,300	5,000
Female	17,300	9,000	3,800	2,000	2,500
Less than 10	6,800	1,100	3,300	1,000	1,400
10-19	5,700	3,900	500	600	600
20-29	2,900	2,500	D	300	200
30 or more	1,900	1,500	D	D	200
Male	25,400	16,200	4,400	2,300	2,500
Less than 10	6,700	1,300	3,700	1,000	800
10-19	6,800	4,900	500	700	700
20-29	5,400	4,700	D	300	300
30 or more	6,500	5,400	D	400	700
Engineer	27,700	14,200	5,100	2,900	5,600
Female	4,300	1,600	1,100	600	1,100
Less than 10	2,300	300	1,000	400	600
10-19	1,300	800	S	200	300
20-29	600	500	D	D	100
30 or more	D	D	D	D	D

TABLE 9-24. Science, engineering, and health doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, years since doctorate, and tenure status: 2013

Occupation, sex, and years since doctorate	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
Male	23,400	12,600	4,000	2,300	4,500
Less than 10	7,400	800	3,200	1,000	2,500
10–19	5,700	3,600	700	600	900
20–29	5,500	4,600	D	300	500
30 or more	4,800	3,700	D	400	600
S&E-related occupations	31,000	10,400	5,300	6,200	9,100
Female	15,600	4,800	2,900	3,600	4,400
Less than 10	6,200	800	2,100	1,300	2,100
10–19	4,700	1,700	600	1,100	1,300
20–29	3,400	1,500	D	1,000	700
30 or more	1,300	800	D	200	300
Male	15,400	5,700	2,500	2,600	4,700
Less than 10	3,900	200	1,300	800	1,500
10–19	4,300	1,500	900	700	1,300
20–29	3,700	1,900	S	600	1,100
30 or more	3,500	2,100	D	500	700
Non-S&E occupations	38,600	19,700	3,600	4,200	11,100
Female	16,500	6,900	2,000	2,300	5,300
Less than 10	4,500	600	1,300	800	1,800
10–19	5,800	2,500	500	900	1,900
20–29	3,900	2,400	D	300	1,100
30 or more	2,300	1,400	D	300	500
Male	22,100	12,800	1,500	2,000	5,700
Less than 10	3,100	400	1,200	500	1,100
10–19	5,700	3,000	300	600	1,700
20–29	6,100	4,300	D	400	1,400
30 or more	7,200	5,100	D	500	1,500

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 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.