

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: 2015

Occupation, sex, and years since doctorate	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
All occupations	323,200	149,500	47,000	44,100	82,550
Female	118,650	44,050	19,100	20,000	35,500
Less than 10	48,600	5,050	15,050	8,550	19,900
10–19	37,850	18,800	3,500	6,600	9,000
20–29	20,800	12,600	450	3,350	4,400
30 or more	11,400	7,600	100	1,500	2,150
Male	204,550	105,500	27,900	24,100	47,050
Less than 10	58,400	7,200	20,600	8,450	22,150
10–19	53,750	31,250	6,050	6,650	9,800
20–29	46,000	33,450	800	4,150	7,550
30 or more	46,350	33,550	400	4,800	7,600
S&E occupations	248,500	118,100	37,450	31,300	61,650
Female	83,350	30,900	13,950	13,300	25,150
Less than 10	36,150	3,550	11,250	5,850	15,500
10–19	25,650	13,500	2,400	4,150	5,650
20–29	13,700	8,500	300	2,250	2,600
30 or more	7,850	5,400	D	1,000	1,400
Male	165,150	87,200	23,450	18,000	36,500
Less than 10	49,200	6,100	17,600	6,850	18,600
10–19	43,500	26,750	4,950	4,750	7,050
20–29	35,850	27,000	600	3,100	5,150
30 or more	36,650	27,350	300	3,300	5,650
Scientist	215,750	100,450	31,550	27,800	55,900
Female	78,250	28,500	12,850	12,650	24,250
Less than 10	33,800	3,200	10,250	5,550	14,800
10–19	23,950	12,300	2,250	3,950	5,500
20–29	12,850	7,800	300	2,150	2,550
30 or more	7,650	5,200	D	1,000	1,400
Male	137,450	71,950	18,700	15,150	31,650
Less than 10	40,450	4,750	13,600	5,950	16,150
10–19	36,700	22,250	4,250	3,950	6,250
20–29	28,900	21,350	500	2,600	4,450
30 or more	31,450	23,600	300	2,700	4,800
Biological/life scientist	72,900	25,800	9,100	10,350	27,600
Female	28,700	7,100	3,350	5,100	13,150
Less than 10	13,750	450	2,100	2,100	9,100
10–19	8,050	2,750	1,150	1,650	2,500
20–29	4,300	2,200	100	950	1,000
30 or more	2,600	1,650	D	450	550
Male	44,200	18,750	5,750	5,250	14,500
Less than 10	14,700	750	3,150	1,900	8,900
10–19	11,850	5,200	2,300	1,900	2,500
20–29	8,100	5,550	150	750	1,600
30 or more	9,550	7,200	S	700	1,500
Computer and information scientist	11,500	5,850	1,650	1,200	2,800
Female	2,000	900	350	200	500
Less than 10	950	250	350	100	250
10–19	500	300	D	50	100
20–29	300	200	D	S	50
30 or more	250	150	D	D	100

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Occupation, sex, and years since doctorate	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
Male	9,500	4,950	1,250	1,000	2,300
Less than 10	3,300	650	1,150	600	850
10–19	2,350	1,600	50	150	500
20–29	2,400	1,700	D	100	550
30 or more	1,450	1,000	D	150	350
Mathematical scientist	19,800	11,250	2,850	2,300	3,400
Female	5,350	2,350	1,100	700	1,150
Less than 10	2,150	300	950	350	550
10–19	1,750	1,000	100	250	400
20–29	900	600	D	50	200
30 or more	550	450	D	50	50
Male	14,500	8,900	1,750	1,600	2,200
Less than 10	4,250	600	1,500	800	1,300
10–19	3,750	2,800	200	350	450
20–29	3,350	3,000	D	150	200
30 or more	3,150	2,550	D	300	300
Physical scientist	40,350	18,800	6,000	5,150	10,400
Female	9,650	3,800	1,950	1,350	2,600
Less than 10	4,150	250	1,600	650	1,600
10–19	3,000	1,750	300	300	650
20–29	1,750	1,300	S	250	200
30 or more	750	450	D	150	150
Male	30,700	15,000	4,050	3,800	7,800
Less than 10	8,650	600	3,150	1,450	3,450
10–19	8,250	4,900	800	900	1,650
20–29	6,700	4,650	150	700	1,200
30 or more	7,100	4,850	D	750	1,500
Psychologist	24,500	11,000	3,550	3,850	6,100
Female	13,700	4,850	2,250	2,500	4,100
Less than 10	5,150	550	1,800	950	1,800
10–19	4,450	2,100	350	850	1,200
20–29	2,550	1,300	S	500	700
30 or more	1,550	950	D	200	350
Male	10,800	6,150	1,300	1,350	2,000
Less than 10	2,450	500	950	350	650
10–19	3,000	2,000	200	350	400
20–29	2,200	1,300	D	400	550
30 or more	3,150	2,350	D	300	400
Social scientist	46,650	27,750	8,400	4,900	5,600
Female	18,900	9,550	3,850	2,750	2,750
Less than 10	7,750	1,400	3,500	1,350	1,500
10–19	6,200	4,400	300	900	600
20–29	2,950	2,150	D	350	400
30 or more	1,950	1,600	D	150	200
Male	27,750	18,250	4,550	2,150	2,850
Less than 10	7,100	1,650	3,700	750	1,000
10–19	7,500	5,750	700	300	750
20–29	6,150	5,150	150	500	300
30 or more	7,000	5,650	D	550	800

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: 2015

Occupation, sex, and years since doctorate	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
Engineer	32,750	17,650	5,900	3,500	5,750
Female	5,100	2,400	1,100	650	900
Less than 10	2,300	300	950	350	700
10–19	1,700	1,200	150	200	150
20–29	850	700	D	100	S
30 or more	200	200	D	D	D
Male	27,700	15,250	4,800	2,800	4,850
Less than 10	8,800	1,350	4,000	950	2,500
10–19	6,800	4,500	700	800	800
20–29	6,900	5,650	100	500	700
30 or more	5,200	3,750	D	600	850
S&E-related occupations	34,650	11,200	6,050	7,300	10,050
Female	18,050	5,650	3,600	3,800	4,900
Less than 10	7,650	900	2,700	1,600	2,450
10–19	6,400	2,800	750	1,400	1,450
20–29	2,850	1,450	S	550	750
30 or more	1,100	550	D	250	250
Male	16,600	5,550	2,450	3,500	5,150
Less than 10	5,350	400	1,550	1,050	2,350
10–19	4,750	1,750	750	1,150	1,150
20–29	3,250	1,600	50	700	850
30 or more	3,250	1,800	S	600	800
Non-S&E occupations	40,050	20,200	3,500	5,500	10,800
Female	17,300	7,450	1,550	2,900	5,400
Less than 10	4,800	650	1,100	1,100	1,950
10–19	5,800	2,500	350	1,050	1,900
20–29	4,250	2,600	S	550	1,050
30 or more	2,400	1,650	D	200	500
Male	22,750	12,750	2,000	2,600	5,400
Less than 10	3,850	700	1,450	550	1,150
10–19	5,500	2,800	350	800	1,550
20–29	6,900	4,900	100	350	1,550
30 or more	6,500	4,400	D	900	1,150

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.