

TABLE H-22. S&E doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, years since doctorate, and faculty rank: 2003

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
All occupations	385,200	122,900	79,900	78,700	20,000	83,800
Female	122,200	25,300	26,300	31,000	9,900	29,700
Fewer than 10	61,900	2,100	9,000	23,700	6,600	20,600
10-19	35,500	8,600	13,000	6,500	1,600	5,800
20-29	18,500	10,700	3,900	800	1,400	1,800
30 or more	6,300	3,900	500	100	300	1,400
Male	263,000	97,600	53,600	47,700	10,000	54,100
Fewer than 10	92,400	3,700	13,800	36,400	4,800	33,700
10-19	65,400	21,300	24,500	8,800	1,800	9,100
20-29	57,000	36,500	10,600	1,900	1,600	6,300
30 or more	48,100	36,100	4,700	600	1,900	4,900
S&E occupations	294,800	92,400	65,100	63,300	13,700	60,300
Female	90,400	16,400	21,400	24,300	7,000	21,300
Fewer than 10	47,600	1,600	7,600	18,100	4,500	15,800
10-19	26,500	5,300	10,500	5,500	1,500	3,700
20-29	12,000	6,500	2,900	600	700	1,300
30 or more	4,300	2,900	400	100	300	600
Male	204,400	76,000	43,700	39,000	6,700	39,000
Fewer than 10	70,000	1,900	10,200	29,400	3,100	25,400
10-19	54,000	16,300	21,000	7,400	1,400	7,900
20-29	43,400	28,900	8,500	1,700	800	3,500
30 or more	37,000	28,800	4,100	500	1,500	2,200
Scientist	267,100	81,500	59,500	57,700	13,100	55,300
Female	87,100	15,900	20,900	23,000	6,700	20,500
Fewer than 10	45,200	1,600	7,300	17,000	4,300	15,000
10-19	25,700	5,000	10,200	5,400	1,400	3,700
20-29	11,900	6,400	2,900	600	700	1,200
30 or more	4,300	2,900	400	100	300	600
Male	180,000	65,600	38,600	34,600	6,400	34,800
Fewer than 10	61,800	1,700	8,800	25,900	3,000	22,400
10-19	47,500	13,300	18,700	6,700	1,300	7,500
20-29	38,000	25,100	7,400	1,600	700	3,100
30 or more	32,600	25,400	3,700	400	1,400	1,800
Biological/life scientist	112,900	29,700	22,200	23,000	5,400	32,600
Female	41,900	7,500	7,800	10,200	2,800	13,600
Fewer than 10	22,100	1,200	2,000	6,600	1,800	10,500
10-19	12,900	2,500	4,400	3,200	700	2,100
20-29	5,200	2,700	1,200	400	300	700
30 or more	1,800	1,200	200	S	S	300
Male	71,000	22,200	14,500	12,800	2,600	19,000
Fewer than 10	25,300	400	2,200	7,800	1,500	13,500
10-19	20,200	3,800	7,600	4,000	600	4,200
20-29	13,800	8,600	3,300	800	S	800
30 or more	11,700	9,400	1,300	S	400	500
Computer and information scientist	14,800	3,500	3,400	3,600	600	3,600
Female	2,400	300	500	600	300	700
Fewer than 10	1,600	S	200	600	S	500
10-19	400	100	300	S	S	S
20-29	300	100	S	S	S	S
30 or more	S	S	S	S	S	S
Male	12,400	3,200	2,900	3,000	400	2,900
Fewer than 10	5,800	S	1,000	2,700	200	1,800
10-19	3,100	1,000	1,100	200	S	700
20-29	2,200	1,300	500	S	S	300
30 or more	1,400	800	400	S	S	S

TABLE H-22. S&E doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, years since doctorate, and faculty rank: 2003

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
Mathematical scientist	23,500	8,600	7,000	5,200	1,200	1,600
Female	6,600	1,000	3,000	1,600	500	500
Fewer than 10	4,300	S	2,400	1,400	300	200
10-19	1,300	300	500	200	S	S
20-29	700	500	100	S	S	S
30 or more	200	S	S	S	S	S
Male	17,000	7,600	4,000	3,600	700	1,200
Fewer than 10	5,000	200	1,000	3,200	200	500
10-19	5,300	2,600	1,900	300	S	300
20-29	3,000	2,000	600	S	200	200
30 or more	3,700	2,800	500	S	100	200
Physical scientist	41,900	13,800	7,600	8,400	1,800	10,400
Female	6,500	1,000	1,300	1,700	700	1,900
Fewer than 10	3,100	S	300	1,300	500	1,000
10-19	2,200	500	900	400	S	400
20-29	700	200	S	S	100	200
30 or more	600	300	S	S	S	S
Male	35,400	12,700	6,300	6,700	1,100	8,500
Fewer than 10	12,200	500	1,400	4,900	300	5,000
10-19	8,800	2,300	3,100	1,400	300	1,700
20-29	7,100	4,400	1,100	300	S	1,100
30 or more	7,300	5,500	700	S	300	700
Psychologist	26,900	8,500	5,700	6,700	1,700	4,300
Female	13,500	2,300	3,100	4,100	1,200	2,700
Fewer than 10	6,900	S	900	3,200	800	1,800
10-19	3,900	700	1,600	800	100	700
20-29	1,900	900	500	S	S	200
30 or more	800	600	200	S	S	S
Male	13,400	6,200	2,600	2,500	500	1,600
Fewer than 10	3,500	S	600	1,800	300	800
10-19	2,900	800	1,100	500	S	400
20-29	4,000	2,800	700	200	S	200
30 or more	3,000	2,500	300	S	S	S
Social scientist	47,000	17,400	13,500	10,800	2,400	2,900
Female	16,200	3,700	5,200	4,800	1,200	1,200
Fewer than 10	7,300	200	1,700	3,900	700	1,000
10-19	4,900	900	2,600	800	400	300
20-29	3,100	1,900	900	S	100	S
30 or more	800	800	S	S	S	S
Male	30,800	13,700	8,400	6,000	1,100	1,600
Fewer than 10	10,000	500	2,700	5,400	500	800
10-19	7,300	2,700	3,800	300	200	200
20-29	7,900	5,900	1,300	200	S	400
30 or more	5,600	4,500	500	S	400	200
Engineer	27,800	10,900	5,600	5,600	600	5,000
Female	3,300	500	500	1,300	300	800
Fewer than 10	2,400	S	200	1,200	S	700
10-19	700	400	300	S	S	S
20-29	100	100	S	S	S	S
30 or more	S	S	S	S	S	S
Male	24,500	10,400	5,100	4,400	300	4,300
Fewer than 10	8,200	200	1,400	3,500	S	3,100
10-19	6,500	3,000	2,300	700	S	400
20-29	5,300	3,800	1,000	S	S	400
30 or more	4,400	3,400	400	S	S	400

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Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
S&E related occupations	14,500	3,200	1,300	1,900	800	7,300
Female	5,900	1,500	300	800	200	3,100
Fewer than 10	2,700	S	S	400	200	2,100
10-19	1,700	200	200	400	S	800
20-29	1,300	1,100	S	S	S	S
30 or more	S	S	S	S	S	S
Male	8,600	1,700	1,000	1,100	600	4,100
Fewer than 10	3,500	S	S	700	300	2,300
10-19	1,900	300	700	200	S	600
20-29	1,700	700	200	S	S	700
30 or more	1,400	700	S	S	S	500
Non-S&E occupations	75,800	27,200	13,500	13,500	5,400	16,200
Female	25,900	7,400	4,600	5,900	2,700	5,300
Fewer than 10	11,600	400	1,400	5,200	1,900	2,700
10-19	7,400	3,100	2,300	600	S	1,300
20-29	5,300	3,100	900	S	S	400
30 or more	1,700	800	S	S	S	800
Male	49,900	19,800	8,900	7,600	2,700	10,900
Fewer than 10	18,900	1,800	3,600	6,200	1,400	6,000
10-19	9,500	4,700	2,900	1,200	200	600
20-29	11,900	6,800	2,000	200	700	2,100
30 or more	9,600	6,500	400	S	400	2,200

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT).