

TABLE 18

**U.S. residing employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, sex, faculty rank, and years since doctorate: 2021**

(Number and SE)

Field of study and sex	All employed				Full professor				Associate professor				Assistant professor				Instructor or lecturer				All other faculty				Rank not applicable			
	< 10		≥ 10		< 10		≥ 10		< 10		≥ 10		< 10		≥ 10		< 10		≥ 10		< 10		≥ 10		< 10		≥ 10	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
All fields	106,400	1,425	234,550	2,175	1,400	200	110,750	1,850	12,500	525	64,050	1,350	48,200	975	20,300	775	8,600	450	11,600	575	650	175	850	150	35,050	925	27,000	825
Male	57,050	1,125	147,650	1,925	800	175	77,700	1,625	6,600	425	38,450	1,200	26,250	800	10,800	575	4,200	350	6,000	450	350	150	500	125	18,900	675	14,200	650
Female	49,350	875	86,900	1,125	600	125	33,050	800	5,950	325	25,600	650	21,950	575	9,500	450	4,400	300	5,600	375	300	100	350	100	16,150	600	12,800	500
Science	81,850	1,225	190,600	2,000	900	150	88,250	1,475	9,300	450	51,050	1,250	35,750	825	16,850	775	7,250	400	10,400	525	600	175	750	150	28,100	775	23,300	725
Male	42,800	925	118,100	1,625	550	125	61,100	1,225	5,050	375	30,250	1,075	18,950	675	9,000	575	3,400	325	5,350	425	300	150	450	125	14,600	600	11,950	525
Female	39,050	800	72,450	1,175	350	100	27,150	750	4,250	275	20,800	650	16,800	475	7,800	425	3,850	275	5,050	350	300	100	250	75	13,550	575	11,400	500
Biological, agricultural, and environmental life sciences	29,800	625	65,650	1,275	200	100	26,150	825	1,600	175	17,250	700	9,650	400	8,350	475	2,350	250	3,450	325	400	125	150	75	15,600	575	10,350	525
Male	14,850	550	38,950	1,025	150	75	17,950	750	800	150	10,250	625	4,750	325	4,400	375	1,200	250	1,650	275	S	S	100	50	7,750	450	4,600	375
Female	15,000	475	26,700	750	50	25	8,200	425	800	125	6,950	400	4,900	250	3,950	275	1,150	150	1,800	225	200	75	50	25	7,900	400	5,700	400
Computer and information sciences	4,550	300	7,300	400	100	50	4,000	350	800	175	2,150	250	2,850	275	300	75	200	75	350	125	D	D	D	D	600	125	450	100
Male	3,200	300	5,750	375	50	50	3,250	350	550	175	1,600	225	2,050	250	250	75	100	50	250	125	D	D	D	D	400	100	350	100
Female	1,350	150	1,550	175	D	D	750	150	200	100	550	125	800	100	S	S	150	50	100	50	D	D	D	D	200	75	100	50
Mathematics and statistics	6,000	350	14,250	525	D	D	8,100	375	850	125	3,750	350	3,600	300	1,000	175	750	125	800	150	D	D	D	D	700	150	550	125
Male	4,350	300	10,850	450	D	D	6,550	350	550	125	2,750	325	2,750	300	550	125	600	125	550	125	D	D	D	D	350	100	400	125
Female	1,650	175	3,400	250	D	D	1,550	175	300	75	1,000	125	850	125	450	150	150	50	250	75	D	D	D	D	350	100	150	75
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	13,050	625	32,800	850	D	D	15,450	600	1,050	200	7,950	425	4,550	325	2,600	275	950	175	2,000	225	S	S	150	75	6,400	400	4,700	325
Male	8,500	525	24,750	725	D	D	12,350	525	750	175	5,750	400	2,950	300	1,800	250	450	100	1,300	200	D	D	150	75	4,300	325	3,450	300
Female	4,550	325	8,050	400	D	D	3,100	275	300	75	2,200	200	1,600	150	800	125	500	150	700	100	D	D	D	D	2,100	250	1,250	150
Psychology	10,300	425	28,400	725	150	50	13,250	600	1,600	175	7,450	450	5,400	375	2,350	275	800	125	1,450	200	D	D	150	75	2,300	225	3,750	325
Male	3,100	275	12,150	550	S	S	6,800	450	600	100	3,100	300	1,550	225	650	125	200	75	400	100	D	D	D	D	750	125	1,200	200
Female	7,200	350	16,300	575	100	50	6,450	450	1,050	150	4,350	325	3,850	325	1,750	250	600	125	1,050	175	D	D	100	75	1,600	175	2,550	250
Social sciences	18,100	525	42,150	850	350	125	21,250	625	3,400	300	12,500	500	9,650	400	2,200	250	2,150	225	2,400	250	50	50	200	75	2,450	250	3,500	325

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	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
Male	8,800	400	25,650	750	250	100	14,200	525	1,800	225	6,800	425	4,850	325	1,400	225	850	150	1,250	175	D	D	150	75	1,050	175	1,900	250
Female	9,300	400	16,500	525	S	S	7,100	375	1,600	175	5,700	375	4,800	275	800	125	1,300	175	1,200	175	D	D	100	50	1,400	175	1,600	175
Engineering	15,450	625	31,400	900	250	100	17,000	750	1,600	225	8,650	500	7,500	450	2,150	275	900	150	900	175	D	D	S	S	5,200	350	2,700	300
Male	11,400	550	25,100	850	S	S	14,300	700	1,150	175	6,750	450	5,750	425	1,500	250	600	150	550	150	D	D	D	D	3,700	300	2,000	275
Female	4,050	275	6,300	375	50	25	2,700	275	450	125	1,900	225	1,750	200	600	150	300	75	350	75	D	D	D	D	1,500	175	700	125
Health	9,050	375	12,550	475	300	100	5,500	350	1,650	225	4,400	325	4,950	275	1,350	175	450	125	300	75	D	D	D	D	1,700	175	1,000	125
Male	2,850	225	4,450	300	S	S	2,300	225	400	75	1,450	225	1,550	200	300	75	200	100	100	75	D	D	D	D	600	125	300	100
Female	6,200	350	8,100	325	200	75	3,250	275	1,250	200	2,950	250	3,400	250	1,050	175	250	75	200	50	D	D	D	D	1,100	125	700	100

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

SE = standard error.

**Note(s):**

Numbers are rounded to the nearest 50. Standard errors are rounded up to the nearest 25. Detail may not add to total because of rounding. Four-year educational institutions include 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes. Residence location is based on reported living location on 1 February 2021.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2021.