

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: 2023

(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	101,800	1,275	239,550	2,100	950	150	112,050	1,775	12,300	500	64,250	1,225	44,250	950	21,200	750	6,950	425	10,750	575	350	75	850	150	37,000	800	30,450	925
Male	52,400	950	147,250	1,775	550	125	76,800	1,525	6,350	425	37,750	1,075	22,100	675	11,800	625	3,550	350	4,650	400	200	75	450	125	19,700	650	15,850	700
Female	49,400	875	92,250	1,300	400	100	35,200	875	5,950	325	26,500	725	22,150	625	9,400	400	3,400	250	6,100	400	150	50	350	100	17,300	575	14,650	550
Science	78,000	1,075	194,100	1,875	700	125	89,400	1,500	9,100	450	51,650	1,150	32,750	800	17,550	650	5,800	400	9,350	525	300	75	750	150	29,350	675	25,450	750
Male	39,300	800	116,700	1,525	400	100	60,250	1,300	4,700	400	30,000	975	16,100	600	9,500	575	2,950	325	3,900	350	200	75	450	125	14,900	525	12,650	600
Female	38,700	775	77,400	1,250	350	75	29,200	825	4,400	275	21,650	700	16,600	525	8,000	400	2,800	250	5,450	400	100	50	300	100	14,450	525	12,800	475
Biological, agricultural, and environmental life sciences	27,550	675	66,450	1,125	100	50	26,500	800	1,750	175	16,400	650	9,150	450	9,050	450	1,400	200	3,150	375	150	50	300	125	15,000	475	11,050	550
Male	13,300	525	37,700	900	S	S	17,850	725	850	150	8,950	525	4,550	325	4,750	400	700	175	1,050	225	100	50	200	125	7,100	350	4,850	425
Female	14,250	450	28,750	775	D	D	8,650	425	950	125	7,450	425	4,600	275	4,300	300	700	100	2,050	300	D	D	100	50	7,900	375	6,200	400
Computer and information sciences	4,200	300	8,200	475	100	50	4,150	400	850	200	2,500	250	2,550	225	500	150	150	75	350	100	D	D	D	D	500	100	700	150
Male	2,850	250	6,250	425	S	S	3,300	350	600	175	1,950	225	1,700	200	350	125	100	75	200	75	D	D	D	D	400	100	400	100
Female	1,350	125	1,950	225	D	D	850	175	250	100	550	100	850	125	S	S	50	25	100	50	D	D	D	D	150	50	300	125
Mathematics and statistics	5,700	325	14,150	600	D	D	7,900	450	750	125	4,450	375	3,050	250	750	150	700	125	550	100	D	D	D	D	1,200	175	550	100
Male	3,650	250	10,800	475	D	D	6,400	375	450	100	3,250	325	2,000	200	450	125	450	100	400	100	D	D	D	D	700	100	350	100
Female	2,050	225	3,350	250	D	D	1,500	175	300	75	1,200	150	1,100	175	300	75	200	75	150	50	D	D	D	D	450	125	200	75
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	12,450	450	33,600	875	S	S	16,150	675	800	125	7,900	475	4,050	275	2,350	250	900	150	1,700	200	S	S	100	50	6,600	325	5,400	350
Male	7,750	400	24,900	825	D	D	12,650	650	500	100	5,650	425	2,250	250	1,600	225	450	100	1,050	175	D	D	50	25	4,450	300	3,950	300
Female	4,700	250	8,700	400	D	D	3,500	325	300	75	2,250	225	1,800	175	750	125	500	125	650	125	D	D	50	25	2,150	200	1,450	175
Psychology	10,350	425	28,250	675	150	75	12,900	550	1,500	200	7,300	450	5,050	275	2,300	250	650	125	1,350	200	D	D	S	S	3,000	300	4,300	350
Male	3,200	250	11,300	450	D	D	6,150	400	500	125	2,850	300	1,350	175	850	175	300	100	300	100	D	D	D	D	950	175	1,150	200
Female	7,150	400	16,900	575	100	50	6,800	425	950	150	4,400	350	3,700	275	1,450	200	350	100	1,050	150	D	D	D	D	2,000	250	3,150	300
Social sciences	17,700	525	43,450	925	250	75	21,800	725	3,500	300	13,100	475	8,850	350	2,600	275	1,950	250	2,250	250	50	50	200	75	3,100	250	3,450	325
Male	8,500	400	25,700	750	100	75	13,900	575	1,800	250	7,350	450	4,250	275	1,500	250	950	200	850	150	50	25	150	75	1,300	200	1,950	275
Female	9,200	375	17,750	600	150	50	7,950	450	1,700	200	5,750	325	4,600	275	1,100	150	1,000	150	1,350	200	D	D	100	50	1,800	175	1,500	150
Engineering	14,650	600	32,500	950	100	50	17,000	725	1,500	225	8,100	550	6,700	400	2,550	300	800	150	900	150	D	D	50	50	5,500	375	3,950	325
Male	10,350	500	26,450	900	100	50	14,400	675	1,200	200	6,500	500	4,550	350	1,950	275	450	125	550	125	D	D	D	D	4,050	325	2,950	300
Female	4,350	325	6,050	350	D	D	2,550	225	350	75	1,600	175	2,150	225	550	125	350	100	350	75	D	D	D	D	1,450	175	1,000	125
Health	9,150	350	12,950	450	100	50	5,650	350	1,700	200	4,500	300	4,800	275	1,150	150	400	100	500	150	D	D	D	D	2,150	225	1,100	150
Male	2,800	200	4,150	325	D	D	2,150	250	450	100	1,250	150	1,450	150	300	100	100	50	150	100	D	D	D	D	750	100	250	75
Female	6,350	325	8,800	350	S	S	3,500	275	1,200	175	3,300	275	3,400	250	800	125	250	75	350	100	D	D	D	D	1,400	200	850	125

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 2023.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2023.