

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: 2019

(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	108,100	1,200	236,250	2,075	1,250	175	111,950	1,525	12,550	525	63,650	1,075	48,950	1,025	19,950	725	10,000	425	11,850	525	500	125	1,050	125	34,800	875	27,800	750
Male	58,550	975	153,300	1,825	550	125	80,750	1,350	7,300	450	39,100	900	27,050	725	11,050	575	5,150	375	6,350	400	300	100	750	150	18,250	675	15,350	550
Female	49,550	825	82,950	1,225	700	125	31,200	850	5,300	275	24,500	675	21,900	625	8,900	450	4,850	250	5,550	350	250	75	300	100	16,550	575	12,450	575
Science	84,150	1,075	193,700	1,850	850	125	90,150	1,325	9,050	425	51,950	950	36,500	900	16,750	650	8,300	375	10,300	500	400	100	750	125	29,050	825	23,800	750
Male	44,400	850	123,850	1,575	450	100	64,100	1,175	5,350	350	31,600	800	19,650	625	9,400	500	4,150	300	5,450	375	200	100	500	125	14,600	625	12,800	550
Female	39,750	800	69,850	1,075	400	100	26,050	775	3,700	250	20,350	550	16,850	575	7,350	400	4,150	250	4,850	325	200	75	250	75	14,450	525	11,000	550
Biological, agricultural, and environmental life sciences	31,050	675	65,200	1,025	250	75	26,550	725	1,500	200	16,450	625	9,700	400	8,500	450	2,700	225	2,900	275	200	75	250	75	16,700	575	10,550	475
Male	15,500	575	40,150	975	200	75	18,800	675	900	175	10,100	525	4,800	300	4,650	375	1,550	175	1,450	225	100	50	S	S	8,000	450	5,050	400
Female	15,550	450	25,050	625	100	50	7,750	425	600	100	6,350	375	4,850	275	3,850	275	1,150	125	1,500	175	100	50	100	75	8,700	375	5,500	375
Computer and information sciences	4,250	250	6,500	400	100	50	3,350	300	650	150	2,100	250	2,600	250	300	75	250	75	300	75	D	D	D	D	650	125	500	150
Male	3,150	250	5,150	375	S	S	2,650	275	450	125	1,750	250	1,950	225	250	75	200	75	150	75	D	D	D	D	550	125	300	100
Female	1,100	125	1,300	175	S	S	650	125	200	75	300	75	650	125	50	25	50	50	100	50	D	D	D	D	150	50	S	S
Mathematics and statistics	5,900	300	14,300	500	D	D	7,950	450	1,100	150	4,200	300	3,300	225	850	150	900	150	700	125	D	D	D	D	600	125	500	100
Male	3,800	250	11,250	450	D	D	6,700	400	700	150	3,100	275	2,150	175	700	150	500	100	350	75	D	D	D	D	400	100	350	100
Female	2,100	175	3,050	225	D	D	1,250	150	350	75	1,150	125	1,150	125	150	50	400	100	350	100	D	D	D	D	150	50	150	50
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	13,500	500	33,900	700	100	50	16,000	575	800	125	7,750	375	5,300	375	2,800	250	1,350	175	2,150	250	S	S	150	75	5,850	325	5,050	325
Male	9,150	425	26,500	675	D	D	13,150	525	550	100	5,750	350	3,700	325	2,150	250	750	150	1,400	225	D	D	150	50	4,100	300	3,950	300
Female	4,350	225	7,400	300	S	S	2,900	250	300	75	2,000	175	1,600	150	650	100	600	100	750	125	S	S	D	D	1,700	150	1,100	125
Psychology	11,300	450	27,850	750	100	50	12,650	575	1,700	225	7,450	400	5,500	350	2,250	250	1,050	150	1,600	200	D	D	S	S	2,950	275	3,850	350
Male	3,500	275	12,350	550	S	S	6,550	425	800	150	3,000	300	1,700	225	800	150	250	75	550	125	D	D	D	D	700	150	1,400	250
Female	7,800	375	15,500	550	50	25	6,100	375	950	150	4,450	300	3,800	275	1,450	200	800	125	1,050	150	D	D	D	D	2,250	250	2,450	250
Social sciences	18,150	575	46,000	850	250	75	23,700	650	3,250	275	14,050	550	10,100	425	2,050	200	2,100	225	2,650	275	50	25	250	75	2,350	200	3,350	300
Male	9,300	425	28,450	750	150	75	16,300	600	1,950	225	7,900	425	5,350	350	850	125	950	150	1,500	200	S	S	150	75	850	150	1,750	225
Female	8,850	325	17,550	500	150	50	7,400	350	1,300	150	6,100	350	4,750	275	1,200	150	1,150	150	1,150	150	D	D	100	50	1,450	150	1,600	225
Engineering	15,250	550	30,050	825	100	50	16,550	675	1,750	225	7,450	450	7,750	475	1,750	225	1,250	200	1,200	200	50	50	250	100	4,300	300	2,850	275
Male	11,500	475	25,200	800	50	25	14,450	650	1,450	200	6,100	425	6,000	400	1,400	225	850	175	850	175	D	D	250	100	3,150	275	2,150	250
Female	3,700	275	4,800	275	S	S	2,100	200	300	75	1,300	150	1,750	225	300	75	400	75	350	100	D	D	D	D	1,150	150	750	150
Health	8,700	350	12,500	475	300	100	5,250	325	1,750	175	4,250	300	4,700	275	1,450	200	450	100	400	100	50	25	D	D	1,450	150	1,100	175
Male	2,600	225	4,250	250	100	50	2,200	200	500	100	1,400	175	1,450	175	250	50	100	75	S	S	D	D	D	D	500	100	400	100
Female	6,100	300	8,250	375	200	75	3,050	250	1,300	150	2,850	250	3,300	250	1,250	200	350	75	300	100	*	*	D	D	950	125	700	150

* = suppressed when population estimate < 25. 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 2019.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: 2019.