

TABLE 21
U.S. residing employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, sex, tenure status, and years since doctorate: 2019

(Number and SE)

Field of study and sex	All employed				Tenured				Not tenured								Tenure not applicable			
									On tenure track				Not on tenure track							
	< 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
All fields	108,100	1,200	236,250	2,075	10,300	500	150,200	1,575	37,750	875	13,150	550	23,550	600	28,650	925	36,500	775	44,300	975
Male	58,550	975	153,300	1,825	6,050	400	104,050	1,525	21,600	675	7,650	400	12,950	500	16,700	775	17,900	625	24,850	775
Female	49,550	825	82,950	1,225	4,250	275	46,150	950	16,100	500	5,450	325	10,600	425	11,900	550	18,600	575	19,450	675
Science	84,150	1,075	193,700	1,850	7,600	400	122,200	1,450	27,950	775	10,500	525	18,500	550	24,100	825	30,150	700	36,850	975
Male	44,400	850	123,850	1,575	4,550	325	83,100	1,250	15,450	550	6,450	375	10,000	450	13,900	625	14,400	525	20,400	800
Female	39,750	800	69,850	1,075	3,050	225	39,150	850	12,450	450	4,050	300	8,500	375	10,200	500	15,750	550	16,450	600
Biological, agricultural, and environmental life sciences	31,050	675	65,200	1,025	1,100	175	34,700	850	6,750	325	5,950	375	7,950	375	9,900	500	15,250	500	14,600	650
Male	15,500	575	40,150	975	650	150	23,800	750	3,550	250	3,650	300	4,250	275	5,400	400	7,050	375	7,300	525
Female	15,550	450	25,050	625	400	75	10,900	425	3,250	225	2,350	200	3,700	250	4,500	300	8,200	375	7,350	425
Computer and information sciences	4,250	250	6,500	400	550	125	4,950	350	2,200	225	200	75	600	100	500	100	900	150	850	175
Male	3,150	250	5,150	375	400	125	4,050	325	1,650	225	150	75	450	100	400	100	650	150	550	125
Female	1,100	125	1,300	175	150	75	900	150	550	100	50	25	150	50	100	50	250	75	250	125
Mathematics and statistics	5,900	300	14,300	500	900	150	11,400	475	2,400	225	500	100	1,550	175	950	150	1,050	150	1,450	175
Male	3,800	250	11,250	450	550	125	9,200	425	1,550	200	400	100	1,100	175	650	125	600	125	1,000	150
Female	2,100	175	3,050	225	350	75	2,150	175	900	125	100	50	450	100	300	75	400	75	500	75
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	13,500	500	33,900	700	800	150	20,850	625	4,100	300	1,700	200	2,950	225	4,100	325	5,650	325	7,200	425
Male	9,150	425	26,500	675	600	150	16,350	625	2,850	275	1,350	200	2,000	225	3,050	275	3,700	275	5,700	425
Female	4,350	225	7,400	300	200	75	4,550	250	1,200	125	350	75	950	125	1,050	150	1,950	200	1,500	175
Psychology	11,300	450	27,850	750	1,350	200	16,300	675	4,050	300	1,250	175	2,050	225	3,750	325	3,850	325	6,550	450
Male	3,500	275	12,350	550	650	125	7,900	475	1,400	225	550	125	550	125	1,500	250	900	150	2,400	275
Female	7,800	375	15,500	550	700	150	8,400	450	2,650	225	700	125	1,500	175	2,250	225	3,000	275	4,150	325
Social sciences	18,150	575	46,000	850	2,900	250	34,050	775	8,400	400	900	125	3,400	250	4,900	400	3,450	250	6,150	400
Male	9,300	425	28,450	750	1,700	200	21,750	700	4,450	300	350	100	1,650	175	2,850	325	1,500	175	3,500	300
Female	8,850	325	17,550	500	1,200	150	12,250	475	3,950	250	550	100	1,750	175	2,050	200	1,950	175	2,700	250
Engineering	15,250	550	30,050	825	1,400	200	21,000	825	6,600	475	1,250	175	3,000	300	3,050	300	4,200	325	4,750	325
Male	11,500	475	25,200	800	1,150	175	18,150	775	5,050	400	1,000	175	2,400	275	2,400	300	2,850	250	3,650	300
Female	3,700	275	4,800	275	250	75	2,850	225	1,550	200	250	75	600	100	650	125	1,350	175	1,050	175
Health	8,700	350	12,500	475	1,300	150	6,950	375	3,200	250	1,350	200	2,050	200	1,500	200	2,150	200	2,700	275
Male	2,600	225	4,250	250	300	100	2,800	250	1,100	150	200	50	550	150	450	100	650	100	750	150
Female	6,100	300	8,250	375	950	125	4,150	300	2,100	225	1,150	200	1,500	175	1,050	150	1,500	175	1,900	250

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.