

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: 2023

(Number and SE)

Field of study and sex	All employed				Tenured				Not tenured								Tenure not applicable			
	< 10		≥ 10		< 10		≥ 10		On tenure track				Not on tenure track				< 10		≥ 10	
	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	8,850	475	146,250	1,875	33,900	875	14,850	600	17,750	675	33,500	1,000	41,300	750	44,950	1,025
Male	52,400	950	147,250	1,775	4,700	375	97,150	1,675	18,000	675	8,300	500	8,350	450	17,950	825	21,400	625	23,900	800
Female	49,400	875	92,250	1,300	4,200	275	49,100	1,025	15,950	525	6,500	375	9,400	475	15,550	575	19,850	575	21,100	725
Science	78,000	1,075	194,100	1,875	6,750	425	117,450	1,550	25,100	750	11,950	525	13,350	550	27,400	925	32,800	600	37,300	875
Male	39,300	800	116,700	1,525	3,450	325	76,600	1,450	13,300	575	6,500	450	6,200	400	14,300	750	16,350	500	19,300	725
Female	38,700	775	77,400	1,250	3,300	250	40,850	950	11,850	450	5,400	350	7,150	425	13,100	550	16,450	525	18,000	650
Biological, agricultural, and environmental life sciences	27,550	675	66,450	1,125	1,000	150	33,100	925	6,450	375	6,600	425	4,850	375	11,800	675	15,250	400	14,950	600
Male	13,300	525	37,700	900	450	125	21,400	825	3,600	300	3,400	350	2,050	225	5,950	500	7,200	375	6,900	425
Female	14,250	450	28,750	775	550	100	11,700	500	2,850	225	3,150	275	2,800	300	5,850	375	8,050	300	8,050	425
Computer and information sciences	4,200	300	8,200	475	700	175	5,600	400	2,450	225	500	150	400	75	800	150	650	100	1,350	225
Male	2,850	250	6,250	425	450	150	4,450	375	1,700	200	400	125	250	75	600	125	450	100	800	175
Female	1,350	125	1,950	225	250	100	1,150	150	750	100	100	50	150	50	200	100	200	50	500	175
Mathematics and statistics	5,700	325	14,150	600	600	125	11,000	525	2,450	250	500	125	1,000	150	1,200	175	1,650	150	1,450	175
Male	3,650	250	10,800	475	350	100	8,750	425	1,600	200	350	100	600	100	750	150	1,100	150	950	175
Female	2,050	225	3,350	250	300	75	2,250	200	800	150	150	75	400	125	450	100	550	100	500	100
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	12,450	450	33,600	875	550	100	20,600	775	3,100	250	1,550	225	2,050	200	4,450	325	6,800	325	6,950	375
Male	7,750	400	24,900	825	350	100	15,550	700	1,700	200	1,200	225	1,200	175	3,100	300	4,500	300	5,100	325
Female	4,700	250	8,700	400	200	50	5,100	375	1,400	175	350	100	850	125	1,350	175	2,300	175	1,850	200
Psychology	10,350	425	28,250	675	1,250	175	15,950	625	3,050	225	1,350	225	2,000	225	4,300	350	4,100	275	6,600	400
Male	3,200	250	11,300	450	450	125	7,400	425	800	150	400	125	600	125	1,350	225	1,350	175	2,200	250
Female	7,150	400	16,900	575	850	125	8,550	475	2,200	200	950	175	1,350	200	3,000	275	2,700	250	4,400	325
Social sciences	17,700	525	43,450	925	2,600	275	31,200	850	7,650	375	1,450	175	3,050	250	4,800	400	4,350	325	6,000	400
Male	8,500	400	25,700	750	1,400	200	19,100	700	3,850	300	750	150	1,500	175	2,500	325	1,750	225	3,300	350
Female	9,200	375	17,750	600	1,200	175	12,050	550	3,800	275	700	125	1,550	175	2,300	275	2,600	275	2,650	250
Engineering	14,650	600	32,500	950	1,200	225	21,350	875	5,550	375	2,100	250	2,200	250	3,850	375	5,700	375	5,250	400
Male	10,350	500	26,450	900	1,000	200	17,950	825	3,550	275	1,600	250	1,600	250	2,900	325	4,200	300	4,000	350
Female	4,350	325	6,050	350	250	75	3,400	250	2,000	225	500	100	600	125	950	150	1,500	175	1,250	150
Health	9,150	350	12,950	450	900	175	7,450	400	3,250	225	800	125	2,200	225	2,250	225	2,800	250	2,450	250
Male	2,800	200	4,150	325	300	75	2,600	275	1,150	150	200	75	550	100	750	150	850	125	600	125
Female	6,350	325	8,800	350	650	150	4,850	275	2,100	175	600	100	1,650	200	1,500	175	1,950	225	1,850	200

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.