

TABLE 22

U.S. residing employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, ethnicity, race, and tenure status: 2019

(Number and SE)

Field of study, ethnicity, and race	All employed		Tenured		Not tenured				Tenure not applicable	
	Number	SE	Number	SE	On tenure track		Not on tenure track		Number	SE
					Number	SE	Number	SE		
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	9,450	525	3,300	325	900	175	1,750	225	3,500	325
Black or African American	1,100	125	500	100	150	50	150	50	300	75
White	34,600	825	17,050	625	4,300	350	4,800	325	8,450	475
Other race ^c	500	100	150	50	150	75	150	50	100	50
Psychology	39,150	775	17,650	675	5,300	350	5,750	375	10,450	550
Hispanic or Latino ^a	2,100	150	900	125	350	75	300	75	600	100
Not Hispanic or Latino ^b										
American Indian or Alaska Native	50	25	50	25	D	D	D	D	D	D
Asian	3,400	325	1,450	250	700	150	350	100	900	175
Black or African American	2,200	175	900	125	300	100	400	75	550	100
White	30,700	775	14,150	625	3,800	325	4,550	350	8,200	525
Other race ^c	700	100	250	75	150	50	150	75	200	50
Social sciences	64,150	975	36,950	800	9,300	425	8,300	450	9,600	450
Hispanic or Latino ^a	3,750	200	2,000	150	750	125	500	75	500	100
Not Hispanic or Latino ^b										
American Indian or Alaska Native	300	75	200	75	50	25	S	S	D	D
Asian	7,550	450	4,150	350	1,900	225	750	150	750	175
Black or African American	4,000	250	2,100	200	600	100	550	125	750	125
White	47,650	875	28,100	750	5,750	325	6,350	400	7,450	425
Other race ^c	900	125	450	75	250	75	100	50	150	50
Engineering	45,250	925	22,400	800	7,850	475	6,050	425	8,950	450
Hispanic or Latino ^a	1,950	175	1,050	150	250	75	300	50	350	75
Not Hispanic or Latino ^b										
American Indian or Alaska Native	50	25	S	S	D	D	D	D	D	D
Asian	16,150	750	7,800	625	3,150	300	2,200	300	3,000	275
Black or African American	1,400	150	650	100	200	75	200	75	300	75
White	25,250	700	12,700	550	4,100	325	3,250	275	5,200	350
Other race ^c	450	75	150	50	100	50	50	50	150	50
Health	21,250	550	8,250	425	4,550	300	3,550	250	4,850	350
Hispanic or Latino ^a	800	100	200	50	300	75	150	50	200	50
Not Hispanic or Latino ^b										
American Indian or Alaska Native	50	25	D	D	D	D	D	D	D	D
Asian	3,350	275	1,050	175	700	125	700	150	900	150
Black or African American	1,600	125	500	75	450	75	250	75	400	75
White	15,050	475	6,350	350	3,000	275	2,400	225	3,300	300
Other race ^c	300	75	150	50	50	25	50	25	100	50

* = 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.

^a Hispanic or Latino may be of any race.

^b American Indian or Alaska Native, Asian, Black or African American, and White are single race.

^c Other race includes Native Hawaiian or Other Pacific Islander and persons reporting more than one race who are not of Hispanic or Latino ethnicity.

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.