TABLE 19

U.S. residing employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, ethnicity, race, and faculty rank: 2021

(Number and SE)

Field of study, ethnicity, and race	All employed		Full professor		Associate professor		Assistant professor		Instructor or lecturer		All other faculty		Rank not applicable	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
All fields	340,950	2,450	112,150	1,850	76,550	1,375	68,500	1,250	20,200	725	1,500	225	62,050	1,275
Hispanic or Latino[a]	17,300	525	4,500	250	3,550	200	4,600	275	1,300	150	S	S	3,250	225
Not Hispanic or Latino[b]														
American Indian or Alaska Native	600	100	200	75	150	50	150	50	S	S	D	D	50	25
Asian	69,800	1,375	19,200	800	14,550	725	15,500	625	2,850	325	250	100	17,400	750
Black or African American	13,650	425	2,950	200	3,700	275	3,950	250	700	125	50	25	2,300	225
White	233,700	2,075	84,000	1,525	53,250	1,175	43,000	1,000	14,950	600	1,050	200	37,450	950
Other race[c]	5,850	325	1,300	200	1,300	175	1,350	150	300	75	D	D	1,550	200
Science	272,450	2,175	89,100	1,500	60,300	1,225	52,550	1,125	17,650	700	1,350	200	51,450	1,125
Hispanic or Latino[a]	14,050	475	3,450	200	2,900	175	3,800	275	1,100	150	S	S	2,750	200
Not Hispanic or Latino[b]														
American Indian or Alaska Native	450	75	100	75	150	50	100	50	D	D	D	D	50	25
Asian	50,500	1,175	12,650	575	10,600	625	10,950	550	2,500	300	250	100	13,550	650
Black or African American	10,600	375	2,250	200	3,000	275	2,900	225	600	100	50	25	1,850	200
White	192,150	1,925	69,700	1,300	42,600	1,050	33,650	900	13,200	575	1,000	200	31,950	875
Other race[c]	4,700	300	950	175	1,100	175	1,150	150	250	75	D	D	1,250	175
Biological, agricultural, and environmental life sciences	95,500	1,375	26,400	825	18,850	700	18,000	625	5,800	450	550	150	25,950	825
Hispanic or Latino[a]	4,850	275	850	100	850	100	1,250	125	300	75	D	D	1,550	175
Not Hispanic or Latino[b]														
American Indian or Alaska Native	150	50	D	D	50	25	S	S	D	D	D	D	50	25
Asian	20,600	850	3,550	300	4,050	450	4,100	350	1,050	225	200	75	7,700	525
Black or African American	2,800	225	500	100	650	125	800	125	150	50	D	D	700	125
White	65,500	1,200	21,200	725	12,850	675	11,500	525	4,200	375	300	125	15,450	600
Other race[c]	1,600	200	300	125	400	150	350	75	50	25	D	D	550	75
Computer and information sciences	11,850	450	4,100	350	2,950	275	3,200	275	600	150	D	D	1,050	150
Hispanic or Latino[a]	400	75	150	50	100	50	150	50	50	25	D	D	50	25
Not Hispanic or Latino[b]														
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Asian	4,300	350	1,500	225	1,100	200	1,250	200	100	50	D	D	400	125
Black or African American	350	100	*	*	150	75	200	50	D	D	D	D	D	D
White	6,500	375	2,250	275	1,550	200	1,600	200	450	150	D	D	600	100
Other race[c]	250	125	S	S	S	S	S	S	D	D	D	D	D	D
Mathematics and statistics	20,250	625	8,150	375	4,600	375	4,600	350	1,500	200	S	S	1,250	175
Hispanic or Latino[a]	1,000	100	300	75	200	50	250	50	200	75	D	D	50	25

TABLE 19

U.S. residing employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, ethnicity, race, and faculty rank: 2021

(Number and SE)

Field of study, ethnicity, and race	All employed		Full professor		Associate professor		Assistant professor		Instructor or lecturer		All other faculty		Rank not applicable	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
Not Hispanic or Latino[b]														
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Asian	4,950	375	1,850	250	1,100	175	1,400	250	200	75	D	D	400	125
Black or African American	600	100	100	25	100	50	300	100	S	S	D	D	*	*
White	13,500	550	5,900	300	3,150	300	2,600	275	1,000	150	D	D	750	150
Other race[c]	200	50	50	25	D	D	100	50	*	*	D	D	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	45,900	1,025	15,500	600	8,950	450	7,150	375	2,950	275	200	100	11,100	475
Hispanic or Latino[a]	1,650	150	500	100	300	75	350	75	150	50	D	D	300	75
Not Hispanic or Latino[b]														
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Asian	10,200	625	2,750	350	1,550	250	1,550	250	550	125	D	D	3,800	350
Black or African American	1,100	150	200	50	300	75	200	50	100	50	D	D	250	100
White	32,150	850	11,900	575	6,600	350	4,900	325	2,100	225	150	75	6,450	325
Other race[c]	750	150	100	50	150	50	100	50	50	25	D	D	300	125
Psychology	38,700	800	13,400	600	9,100	475	7,750	450	2,250	250	200	75	6,050	400
Hispanic or Latino[a]	2,450	225	550	100	600	125	700	125	100	50	D	D	450	100
Not Hispanic or Latino[b]														
American Indian or Alaska Native	50	25	D	D	D	D	D	D	D	D	D	D	D	D
Asian	2,900	250	1,050	175	650	150	500	125	150	75	D	D	600	125
Black or African American	2,200	225	450	75	550	175	550	100	100	50	D	D	500	150
White	30,150	700	11,050	550	7,100	400	5,700	400	1,800	225	150	75	4,300	300
Other race[c]	950	150	200	75	150	50	300	100	D	D	D	D	250	75
Social sciences	60,250	950	21,650	650	15,900	525	11,900	475	4,550	325	300	100	6,000	425
Hispanic or Latino[a]	3,750	250	1,150	125	800	100	1,150	175	300	75	D	D	350	75
Not Hispanic or Latino[b]														
American Indian or Alaska Native	250	75	S	S	100	50	50	25	D	D	D	D	D	D
Asian	7,500	450	1,950	200	2,150	250	2,150	250	500	150	D	D	750	125
Black or African American	3,500	225	900	125	1,200	150	850	150	100	50	D	D	400	100
White	44,350	850	17,400	600	11,400	450	7,350	375	3,600	300	250	100	4,350	375
Other race[c]	950	125	150	50	300	75	300	75	50	25	D	D	100	50
Engineering	46,850	1,150	17,250	750	10,250	500	9,650	550	1,800	225	50	50	7,900	450
Hispanic or Latino[a]	2,300	175	850	125	500	75	450	75	150	50	D	D	350	75
Not Hispanic or Latino[b]														

TABLE 19

U.S. residing employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, ethnicity, race, and faculty rank: 2021

(Number and SE)

Field of study, ethnicity, and race	All employed		Full professor		Associate professor		Assistant professor		Instructor or lecturer		All other faculty		Rank not applicable	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
American Indian or Alaska Native	50	50	S	S	D	D	D	D	D	D	D	D	D	D
Asian	16,100	700	5,750	450	3,250	350	3,500	325	300	125	D	D	3,250	325
Black or African American	1,500	150	500	100	350	75	350	75	100	50	D	D	250	75
White	26,200	850	9,850	600	6,000	400	5,300	400	1,200	200	S	S	3,800	300
Other race[c]	700	150	200	125	150	50	100	50	*	*	D	D	200	75
Health	21,600	600	5,800	350	6,050	375	6,300	325	750	125	D	D	2,700	200
Hispanic or Latino[a]	900	100	200	75	200	50	350	75	100	50	D	D	100	50
Not Hispanic or Latino[b]														
American Indian or Alaska Native	50	50	D	D	D	D	D	D	D	D	D	D	D	D
Asian	3,250	300	800	150	750	150	1,050	175	D	D	D	D	600	100
Black or African American	1,600	150	200	50	400	75	700	125	S	S	D	D	250	50
White	15,400	525	4,500	350	4,650	350	4,000	275	550	125	D	D	1,650	150
Other race[c]	450	100	100	75	100	50	100	50	S	S	D	D	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 2021.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2021.