

TABLE 6

U.S. residing doctoral scientists and engineers, by field of doctorate, ethnicity, and race: 2023

(Number and SE)

Field of study	Total		Hispanic or Latino ^a		Not Hispanic or Latino ^b									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race ^c	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
All fields	1,058,950	1,925	52,400	700	2,050	150	264,150	1,675	40,200	475	682,400	1,700	17,750	550
Science	787,000	1,825	41,000	600	1,650	150	160,700	1,575	30,200	475	539,250	1,825	14,150	475
Biological, agricultural, and environmental life sciences	274,850	950	14,650	450	500	125	62,100	1,000	9,000	325	183,400	1,250	5,150	325
Agricultural and food sciences	21,150	350	1,350	150	50	50	4,550	300	1,100	125	13,900	325	250	75
Biochemistry and biophysics	35,500	450	1,450	175	D	D	10,000	500	850	100	22,700	575	500	100
Cell, cellular biology, and molecular biology	36,950	375	1,700	200	D	D	9,350	475	800	125	24,000	575	1,000	175
Microbiological sciences and immunology	29,700	300	1,900	150	D	D	6,000	350	1,050	150	20,000	350	700	125
Natural resources and conservation	11,450	225	600	75	50	25	1,700	175	550	75	8,350	250	200	50
Zoology	8,950	175	450	75	D	D	800	150	150	50	7,450	200	100	50
Other biological sciences	131,150	675	7,150	325	250	100	29,700	775	4,550	250	87,050	850	2,450	175
Computer and information sciences	40,300	450	1,350	150	S	S	17,450	525	1,150	150	19,750	525	550	125
Mathematics and statistics	44,650	475	1,900	150	S	S	13,500	525	1,150	125	27,450	550	550	100
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	167,650	1,025	6,250	300	100	50	41,750	900	4,000	275	113,050	1,000	2,550	175
Astronomy and astrophysics	7,250	175	300	50	D	D	1,050	125	50	25	5,750	200	100	25
Chemistry, except biochemistry	82,200	725	2,950	200	50	25	21,300	750	2,650	225	54,000	775	1,200	125
Geosciences, atmospheric sciences, and ocean sciences	28,200	300	1,200	100	50	25	4,500	225	450	75	21,600	300	450	75
Physics	50,050	675	1,800	200	D	D	14,900	600	850	175	31,700	650	750	125
Psychology	135,750	625	8,550	350	550	125	9,000	475	7,450	350	107,300	725	2,950	250
Social sciences	123,800	825	8,300	325	450	100	16,900	625	7,450	325	88,300	850	2,400	250
Economics	32,600	500	2,100	175	D	D	6,950	350	1,300	150	21,700	525	500	150
Political science and government	25,050	475	1,500	200	100	50	2,250	275	1,800	175	18,950	500	500	100
Sociology, demography, and population studies	19,200	350	1,450	150	D	D	2,250	275	1,750	175	13,300	350	450	125
Other social sciences	46,950	475	3,250	200	300	75	5,450	350	2,600	150	34,350	525	950	125
Engineering	219,400	1,125	9,050	375	200	75	93,400	1,125	5,450	275	108,650	1,175	2,600	275
Aerospace, aeronautical, and astronautical engineering	8,850	175	450	75	D	D	2,800	225	200	50	5,350	250	100	50
Chemical engineering	26,550	400	1,250	175	D	D	11,000	575	600	125	13,400	475	300	75
Civil engineering	23,600	475	1,200	125	D	D	8,850	375	750	125	12,650	450	150	50
Electrical and computer engineering	59,000	625	1,750	150	S	S	30,150	625	1,300	150	25,150	575	550	150
Mechanical engineering	32,500	525	1,150	125	D	D	14,250	650	700	125	15,950	500	450	150
Metallurgical and materials engineering	20,550	425	850	125	D	D	9,050	400	500	100	9,800	425	350	125
Other engineering	48,350	475	2,450	175	50	25	17,350	550	1,450	150	26,400	525	700	100
Health	52,600	475	2,350	150	200	75	10,050	500	4,550	250	34,450	500	1,000	150

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 individuals who reported being Native Hawaiian or Other Pacific Islander, single race, and those who reported being more than one race.

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. 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.