TABLE 6

U.S. residing doctoral scientists and engineers, by field of doctorate, ethnicity, and race: 2021

(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	1,023,650	1,925	44,700	475	1,700	125	241,800	1,400	36,200	400	681,100	1,525	18,150	625
Science	767,500	1,675	35,200	500	1,300	125	147,400	1,475	27,250	425	542,300	1,700	14,050	575
Biological, agricultural, and environmental life sciences	265,700	1,050	12,350	325	300	50	58,000	1,000	8,100	300	181,750	1,250	5,150	325
Agricultural and food sciences	21,050	350	1,150	100	50	25	4,550	250	1,050	125	14,000	375	250	100
Biochemistry and biophysics	35,250	450	1,250	150	D	D	9,500	400	650	75	23,200	525	650	150
Cell, cellular biology, and molecular biology	36,000	350	1,450	150	D	D	8,900	425	950	150	23,800	500	900	175
Microbiological sciences and immunology	28,750	300	1,750	150	D	D	5,650	350	950	100	19,750	375	700	125
Natural resources and conservation	11,150	225	500	50	50	25	1,550	125	400	50	8,450	225	200	50
Zoology	9,100	200	450	50	D	D	1,050	125	150	50	7,450	225	100	50
Other biological sciences	124,400	675	5,850	250	150	50	26,800	675	4,000	250	85,200	900	2,350	200
Computer and information sciences	36,650	400	1,200	100	S	S	14,950	425	800	100	19,050	500	600	175
Mathematics and statistics	42,950	525	1,650	125	*	*	12,250	525	950	100	27,400	500	650	150
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	163,600	875	5,350	225	100	50	39,050	925	3,250	175	113,000	1,075	2,850	300
Astronomy and astrophysics	7,250	125	250	50	D	D	1,100	150	50	25	5,800	175	100	25
Chemistry, except biochemistry	80,500	650	2,700	150	50	25	19,750	650	2,250	150	54,400	725	1,350	250
Geosciences, atmospheric sciences, and ocean sciences	26,950	275	900	75	S	S	4,450	275	350	50	20,650	350	500	75
Physics	48,900	650	1,450	150	D	D	13,750	600	600	100	32,200	675	900	150
Psychology	137,550	550	7,550	275	350	75	7,700	400	7,100	350	112,150	700	2,700	225
Social sciences	121,000	950	7,050	300	450	100	15,450	550	7,050	250	88,900	900	2,050	200
Economics	32,250	550	1,900	150	D	D	7,150	375	1,350	150	21,500	500	350	125
Political science and government	24,050	550	1,250	150	S	S	1,650	200	1,850	150	18,800	500	400	100
Sociology, demography, and population studies	19,400	325	1,200	150	D	D	1,650	200	1,500	150	14,650	350	350	75
Other social sciences	45,300	525	2,700	150	300	100	5,000	300	2,350	150	34,000	500	900	125
Engineering	206,100	1,150	7,700	275	200	50	85,250	1,125	5,050	250	104,850	1,125	3,050	275
Aerospace, aeronautical, and astronautical engineering	7,850	250	350	75	D	D	2,500	275	150	50	4,750	225	100	50
Chemical engineering	24,850	425	1,000	125	D	D	10,250	425	700	125	12,550	400	350	100
Civil engineering	21,800	550	1,000	100	D	D	8,150	425	700	100	11,700	525	250	75
Electrical and computer engineering	55,900	575	1,450	100	50	25	27,500	625	1,150	125	25,050	575	750	150

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(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
Mechanical engineering	30,550	425	1,000	125	50	25	12,800	475	600	75	15,450	475	650	175
Metallurgical and materials engineering	19,750	375	750	125	D	D	8,100	350	400	75	10,200	350	300	100
Other engineering	45,350	450	2,100	150	50	25	16,000	475	1,350	125	25,200	425	650	75
Health	50,050	450	1,800	125	200	50	9,150	350	3,850	225	34,000	475	1,050	150

* = 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. 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.