

TABLE 3

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

(Number and SE)

Field of study and employment status	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
Full time	803,700	2,550	42,650	675	1,400	150	224,550	2,000	31,650	525	488,950	2,050	14,450	500
Part time	104,950	1,600	4,750	300	300	100	16,300	925	4,400	325	77,700	1,375	1,500	175
Unemployed ^d	11,250	550	700	125	S	S	3,150	350	750	150	6,350	400	250	75
Retired	122,450	1,250	3,350	275	150	50	16,100	750	2,750	225	98,900	1,200	1,200	200
Not employed and not seeking work ^e	16,600	675	950	125	100	50	4,050	400	700	125	10,450	475	350	75
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
Full time	582,450	2,200	33,050	550	1,150	150	134,800	1,675	23,300	475	378,550	2,100	11,600	475
Part time	85,500	1,375	4,150	300	250	75	11,150	725	3,650	325	65,000	1,250	1,250	175
Unemployed ^d	7,950	450	500	100	D	D	2,050	275	550	150	4,650	325	150	50
Retired	97,650	1,225	2,550	225	150	50	9,600	550	2,150	225	82,350	1,150	850	150
Not employed and not seeking work ^e	13,450	675	750	125	100	50	3,050	375	550	125	8,700	450	300	75
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
Full time	212,750	1,225	12,500	425	350	100	53,700	975	7,400	300	134,500	1,350	4,250	300
Part time	22,300	850	900	125	D	D	3,850	450	750	125	16,250	725	500	100
Unemployed ^d	3,100	300	250	75	D	D	800	200	50	25	1,950	225	50	50
Retired	31,450	675	600	100	S	S	2,450	300	550	100	27,600	650	250	100
Not employed and not seeking work ^e	5,250	450	400	75	D	D	1,350	250	250	75	3,100	300	150	50
Computer and information sciences	40,300	450	1,350	150	S	S	17,450	525	1,150	150	19,750	525	550	125
Full time	33,400	525	1,150	125	D	D	15,200	550	850	125	15,650	525	500	125
Part time	2,950	325	S	S	D	D	1,050	250	150	75	1,700	200	D	D
Unemployed ^d	350	125	*	*	D	D	150	75	D	D	150	75	D	D
Retired	2,900	250	150	75	D	D	650	175	50	50	2,050	200	D	D
Not employed and not seeking work ^e	650	175	D	D	D	D	450	175	D	D	200	75	D	D
Mathematics and statistics	44,650	475	1,900	150	S	S	13,500	525	1,150	125	27,450	550	550	100
Full time	34,850	600	1,650	175	D	D	11,500	500	900	100	20,350	575	450	75
Part time	3,650	250	100	50	D	D	850	175	150	50	2,550	200	D	D
Unemployed ^d	650	150	50	25	D	D	250	75	D	D	350	100	D	D
Retired	4,750	275	50	25	D	D	750	150	S	S	3,800	225	D	D
Not employed and not seeking work ^e	750	150	S	S	D	D	200	75	S	S	450	100	D	D
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
Full time	128,300	1,075	5,250	275	100	50	34,800	875	3,300	225	82,750	1,050	2,100	150

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(Number and SE)

Field of study and employment status	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
Part time	13,450	550	400	75	D	D	2,350	250	300	100	10,200	500	200	75
Unemployed ^d	1,750	250	50	50	D	D	550	150	50	25	1,050	175	S	S
Retired	21,550	750	450	75	D	D	3,350	350	150	50	17,450	600	150	75
Not employed and not seeking work ^e	2,550	275	50	25	D	D	750	175	S	S	1,600	175	S	S
Psychology	135,750	625	8,550	350	550	125	9,000	475	7,450	350	107,300	725	2,950	250
Full time	83,050	1,100	5,700	300	350	100	6,250	400	5,000	300	63,450	1,000	2,350	225
Part time	29,050	975	1,800	200	100	50	1,500	250	1,500	225	23,800	850	350	75
Unemployed ^d	800	150	100	50	D	D	D	D	200	100	450	100	D	D
Retired	20,350	700	800	150	D	D	1,000	200	600	100	17,700	600	200	75
Not employed and not seeking work ^e	2,450	300	150	75	D	D	S	S	100	50	1,900	275	D	D
Social sciences	123,800	825	8,300	325	450	100	16,900	625	7,450	325	88,300	850	2,400	250
Full time	90,100	1,000	6,800	300	300	75	13,400	550	5,800	275	61,900	900	1,950	225
Part time	14,000	600	900	150	50	50	1,600	250	800	150	10,500	525	200	50
Unemployed ^d	1,250	150	50	25	D	D	300	125	150	75	700	125	D	D
Retired	16,650	550	500	100	S	S	1,450	275	650	125	13,800	550	200	75
Not employed and not seeking work ^e	1,800	225	100	50	D	D	200	75	50	25	1,400	200	S	S
Engineering	219,400	1,125	9,050	375	200	75	93,400	1,125	5,450	275	108,650	1,175	2,600	275
Full time	183,150	1,400	7,600	325	150	50	81,250	1,175	4,800	250	87,200	1,200	2,150	225
Part time	13,600	650	400	75	D	D	4,500	475	250	50	8,350	500	100	75
Unemployed ^d	2,650	300	150	75	D	D	1,000	200	150	75	1,250	200	D	D
Retired	17,650	675	700	150	D	D	5,900	500	250	75	10,500	500	250	125
Not employed and not seeking work ^e	2,400	275	150	50	D	D	800	175	D	D	1,350	200	50	25
Health	52,600	475	2,350	150	200	75	10,050	500	4,550	250	34,450	500	1,000	150
Full time	38,150	600	2,000	150	150	50	8,500	450	3,550	250	23,200	575	700	150
Part time	5,900	400	200	50	D	D	650	150	500	100	4,350	350	100	50
Unemployed ^d	650	150	D	D	D	D	100	50	50	25	450	150	D	D
Retired	7,150	350	100	50	D	D	600	150	300	75	6,050	350	100	50
Not employed and not seeking work ^e	750	150	D	D	D	D	S	S	100	50	400	100	D	D

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

^d Unemployed includes individuals who were not working during the survey reference week but had been seeking work in the prior 4 weeks or who were on layoff from their job.

^e Not employed and not seeking work includes individuals who were not working during the survey reference week and had not been seeking work in the prior 4 weeks because of family responsibilities, chronic illness, or other reasons.

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. Designation of full-time and part-time employment status is based on principal job only, not on all jobs held in labor force. For example, an individual could work part time in his or her principal job but full time in the labor force. Full time is based on working 35 or more hours per week. 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.