TABLE 3

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

(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	1,023,650	1,925	44,700	475	1,700	125	241,800	1,400	36,200	400	681,100	1,525	18,150	625
Full time	779,600	2,425	36,200	450	1,250	125	208,250	1,600	28,250	475	491,300	2,050	14,350	550
Part time	92,500	1,375	3,900	275	150	50	11,550	700	3,550	275	71,700	1,300	1,650	225
Unemployed[d]	16,650	775	1,000	125	D	D	3,900	425	1,250	200	10,150	625	300	75
Retired	114,750	1,525	2,800	225	200	100	12,950	650	2,500	225	94,950	1,375	1,350	200
Not employed or not seeking work[e]	20,150	800	850	100	50	50	5,100	475	650	125	13,000	650	450	100
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
Full time	571,050	2,075	28,100	450	950	100	125,750	1,500	21,200	450	384,050	2,000	11,050	525
Part time	76,250	1,225	3,450	275	100	50	7,750	550	2,750	225	60,750	1,175	1,450	200
Unemployed[d]	11,850	675	800	125	D	D	2,250	300	900	150	7,700	550	200	75
Retired	91,750	1,400	2,250	225	200	100	7,600	450	2,000	200	78,800	1,325	900	150
Not employed or not seeking work[e]	16,600	725	650	100	50	25	4,100	450	450	125	11,050	600	350	100
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
Full time	208,550	1,325	10,700	325	250	50	50,250	1,025	6,900	300	136,400	1,300	4,050	275
Part time	18,300	675	550	75	D	D	2,950	350	350	75	13,750	625	650	175
Unemployed[d]	3,800	325	300	75	D	D	900	200	250	75	2,350	250	50	25
Retired	29,050	750	500	75	*	*	2,200	250	500	125	25,550	750	300	125
Not employed or not seeking work[e]	6,000	425	250	50	D	D	1,750	300	50	50	3,700	300	150	50
Computer and information sciences	36,650	400	1,200	100	S	S	14,950	425	800	100	19,050	500	600	175
Full time	31,650	475	1,050	100	D	D	13,950	400	700	100	15,400	500	550	175
Part time	1,950	250	*	*	D	D	250	100	50	25	1,650	250	D	D
Unemployed[d]	400	100	D	D	D	D	S	S	*	*	200	75	D	D
Retired	2,100	200	100	50	D	D	350	100	S	S	1,550	175	D	D
Not employed or not seeking work[e]	550	150	D	D	D	D	300	125	D	D	250	75	D	D
Mathematics and statistics	42,950	525	1,650	125	*	*	12,250	525	950	100	27,400	500	650	150
Full time	33,850	575	1,350	125	*	*	10,700	500	800	100	20,400	550	550	150
Part time	2,750	250	150	75	D	D	450	100	100	50	2,050	225	50	25
Unemployed[d]	450	100	D	D	D	D	150	75	D	D	300	75	D	D
Retired	4,750	325	150	75	D	D	600	150	50	25	3,900	275	D	D
Not employed or not seeking work[e]	1,150	225	D	D	D	D	400	150	D	D	700	150	D	D
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
Full time	125,600	1,075	4,500	225	50	25	33,100	950	2,600	175	82,950	1,075	2,350	250
Part time	11,450	525	350	75	D	D	1,650	250	250	75	9,000	475	200	100
Unemployed[d]	3,150	350	100	50	D	D	700	175	100	50	2,150	325	50	25
Retired	20,750	725	350	75	D	D	2,800	325	200	75	17,150	675	200	75

TABLE 3

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

(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
Not employed or not seeking work[e]	2,750	300	50	25	D	D	800	200	S	S	1,750	225	S	S
Psychology	137,550	550	7,550	275	350	75	7,700	400	7,100	350	112,150	700	2,700	225
Full time	84,500	1,000	4,950	225	250	50	5,400	375	4,750	300	67,100	950	2,000	225
Part time	29,000	825	1,600	200	100	50	1,200	200	1,250	200	24,500	775	400	100
Unemployed[d]	1,550	200	100	50	D	D	100	75	350	125	950	150	50	25
Retired	18,450	675	750	150	D	D	500	150	600	125	16,350	675	250	75
Not employed or not seeking work[e]	4,050	450	150	50	D	D	450	175	S	S	3,200	400	S	S
Social sciences	121,000	950	7,050	300	450	100	15,450	550	7,050	250	88,900	900	2,050	200
Full time	86,900	875	5,500	275	300	75	12,400	525	5,350	250	61,750	800	1,600	175
Part time	12,750	625	800	100	S	S	1,200	200	750	125	9,800	600	200	50
Unemployed[d]	2,500	300	200	75	D	D	300	125	200	75	1,800	250	D	D
Retired	16,650	575	400	100	S	S	1,150	200	600	100	14,200	575	150	75
Not employed or not seeking work[e]	2,200	275	150	75	D	D	400	150	150	50	1,400	200	S	S
Engineering	206,100	1,150	7,700	275	200	50	85,250	1,125	5,050	250	104,850	1,125	3,050	275
Full time	172,500	1,275	6,600	275	150	50	74,800	1,175	4,150	225	84,350	1,050	2,450	250
Part time	10,600	600	300	75	D	D	3,300	400	400	125	6,450	450	150	75
Unemployed[d]	3,800	375	150	50	D	D	1,600	275	200	100	1,800	250	50	50
Retired	16,550	700	500	100	D	D	4,750	400	200	50	10,800	525	300	125
Not employed or not seeking work[e]	2,650	275	150	50	D	D	850	175	100	75	1,450	225	S	S
Health	50,050	450	1,800	125	200	50	9,150	350	3,850	225	34,000	475	1,050	150
Full time	36,000	550	1,550	125	150	50	7,700	350	2,900	175	22,900	550	850	150
Part time	5,650	350	150	50	D	D	550	125	400	125	4,500	325	50	50
Unemployed[d]	1,000	175	50	25	D	D	100	50	150	75	700	175	D	D
Retired	6,500	350	50	25	D	D	650	150	300	75	5,400	325	100	50
Not employed or not seeking work[e]	900	150	S	S	D	D	150	75	100	50	550	150	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 Native Hawaiian or Other Pacific Islander and persons reporting more than one race who are not of Hispanic or Latino ethnicity.

[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 or 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 2021.

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