

TABLE 3

U.S. residing doctoral scientists and engineers, by broad field of doctorate, employment status, ethnicity, and race: 2019

(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	1,008,950	1,450	41,400	575	1,600	150	235,050	1,325	35,050	350	682,450	1,425	13,400	400
Full time	763,350	2,000	33,250	575	1,100	125	201,300	1,375	27,650	425	489,300	1,775	10,700	350
Part time	93,900	1,525	3,950	250	150	50	12,050	625	3,400	275	73,050	1,275	1,250	150
Unemployed ^d	14,100	650	850	125	50	50	3,950	350	1,050	175	8,000	475	150	50
Retired	120,000	1,400	2,250	200	150	50	13,500	700	2,300	200	100,800	1,400	1,000	150
Not employed or not seeking work ^e	17,650	625	1,050	175	50	50	4,200	375	650	125	11,300	500	350	75
Science	761,850	1,425	32,400	500	1,300	125	142,100	1,250	26,850	375	548,500	1,525	10,700	350
Full time	561,850	1,900	25,750	475	900	125	120,250	1,200	20,850	400	385,750	1,850	8,350	325
Part time	78,450	1,350	3,450	225	150	50	8,600	475	2,950	250	62,150	1,175	1,150	125
Unemployed ^d	10,200	575	650	100	50	50	2,400	275	750	175	6,150	425	100	50
Retired	97,200	1,300	1,800	150	100	50	7,800	475	1,800	175	84,950	1,300	800	125
Not employed or not seeking work ^e	14,100	575	700	125	50	50	3,050	300	500	100	9,450	475	300	75
Biological, agricultural, and environmental life sciences	258,550	850	11,250	300	250	50	55,700	900	7,800	275	179,600	1,075	3,950	225
Full time	200,900	1,100	9,500	300	200	50	47,850	900	6,500	250	133,650	1,050	3,200	200
Part time	19,850	625	750	100	D	D	2,800	275	550	100	15,400	550	350	100
Unemployed ^d	4,000	350	300	75	S	S	900	175	300	125	2,300	300	50	25
Retired	28,700	700	350	75	50	25	2,700	275	300	75	25,050	675	250	75
Not employed or not seeking work ^e	5,150	325	300	75	D	D	1,450	200	100	50	3,150	250	100	50
Computer and information sciences	33,650	375	1,000	100	D	D	14,000	400	650	75	17,600	350	350	100
Full time	29,350	450	950	100	D	D	13,000	400	550	75	14,600	400	300	75
Part time	1,750	200	D	D	D	D	400	125	50	25	1,250	175	S	S
Unemployed ^d	300	75	D	D	D	D	100	50	D	D	150	50	D	D
Retired	1,750	200	50	25	D	D	300	100	50	25	1,350	175	D	D
Not employed or not seeking work ^e	500	125	D	D	D	D	150	100	D	D	300	100	D	D
Mathematics and statistics	43,800	375	1,450	125	D	D	12,450	400	1,000	100	28,400	425	450	100
Full time	33,450	475	1,250	100	D	D	10,600	400	750	100	20,450	425	400	100
Part time	3,250	300	50	50	D	D	750	200	100	50	2,300	225	D	D
Unemployed ^d	550	125	D	D	D	D	200	100	D	D	350	100	D	D
Retired	5,900	350	150	50	D	D	750	175	150	75	4,850	300	D	D
Not employed or not seeking work ^e	700	150	D	D	D	D	200	75	D	D	450	125	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	161,450	825	4,850	200	100	50	36,850	750	3,350	225	114,350	875	1,850	150
Full time	121,600	1,000	3,900	200	50	25	31,050	725	2,800	225	82,250	975	1,500	150
Part time	12,200	500	450	75	D	D	1,900	275	200	75	9,500	450	150	50
Unemployed ^d	2,450	300	100	50	D	D	800	175	100	50	1,450	225	*	*
Retired	22,700	650	300	75	D	D	2,600	300	100	50	19,500	575	150	50

TABLE 3

U.S. residing doctoral scientists and engineers, by broad field of doctorate, employment status, ethnicity, and race: 2019

(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	2,500	275	100	50	D	D	550	150	S	S	1,700	200	D	D
Psychology	139,450	575	7,350	275	350	75	8,000	450	6,700	250	114,800	750	2,250	175
Full time	87,050	975	5,000	225	200	75	5,700	375	4,900	250	69,700	1,025	1,550	150
Part time	28,250	800	1,550	175	100	50	1,400	225	900	125	23,900	750	450	100
Unemployed ^d	1,100	175	100	50	D	D	D	D	150	75	750	150	*	*
Retired	19,850	650	550	100	D	D	550	150	600	100	17,950	650	150	50
Not employed or not seeking work ^e	3,150	275	150	50	D	D	300	100	S	S	2,450	250	100	50
Social sciences	124,950	800	6,450	275	500	100	15,150	500	7,350	300	93,700	725	1,800	175
Full time	89,550	800	5,150	250	400	100	12,050	500	5,350	275	65,150	700	1,400	150
Part time	13,200	575	650	100	D	D	1,400	200	1,050	175	9,800	500	200	75
Unemployed ^d	1,800	200	100	50	D	D	350	100	200	75	1,100	175	D	D
Retired	18,300	525	400	75	S	S	900	150	550	100	16,250	525	150	50
Not employed or not seeking work ^e	2,200	200	150	50	D	D	400	125	200	75	1,450	175	S	S
Engineering	199,500	975	7,450	300	150	50	83,500	1,150	4,650	225	101,650	1,025	2,100	225
Full time	166,300	1,250	6,250	275	150	50	73,050	1,125	3,950	200	81,050	1,025	1,850	225
Part time	10,400	575	350	75	D	D	2,750	300	200	50	6,950	450	S	S
Unemployed ^d	3,350	325	150	50	D	D	1,450	225	200	75	1,500	225	D	D
Retired	16,750	725	400	100	D	D	5,200	425	200	75	10,750	600	150	75
Not employed or not seeking work ^e	2,750	275	300	125	D	D	1,050	200	100	50	1,300	175	D	D
Health	47,600	400	1,550	125	150	50	9,450	375	3,550	200	32,350	400	600	100
Full time	35,150	525	1,250	100	50	25	8,000	375	2,850	200	22,500	475	500	75
Part time	5,050	325	150	50	D	D	650	150	300	75	3,900	275	*	*
Unemployed ^d	550	125	D	D	D	D	100	50	100	50	350	100	D	D
Retired	6,050	300	50	25	D	D	500	125	300	75	5,100	275	S	S
Not employed or not seeking work ^e	750	100	50	25	D	D	100	50	50	25	500	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 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 2019.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: 2019.