TABLE 31

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

(Number and SE)

Occupation 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 occupations	1,021,950	1,950	44,700	475	1,700	125	241,200	1,400	36,150	400	680,150	1,575	18,100	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]	16,600	750	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]	18,500	700	800	100	50	50	4,500	425	600	125	12,100	600	400	100
Science occupations	585,800	2,750	26,900	500	800	100	129,500	1,475	18,750	475	399,450	2,500	10,400	525
Full time	447,950	2,700	21,650	475	650	100	113,000	1,475	14,650	450	289,500	2,225	8,500	475
Part time	54,300	1,025	2,600	225	*	*	5,200	500	2,000	200	43,650	950	750	125
Unemployed[d]	8,150	550	650	125	D	D	2,100	325	550	125	4,650	400	150	75
Retired	63,650	1,200	1,500	175	100	50	5,950	425	1,250	175	54,050	1,125	750	150
Not employed or not seeking work[e]	11,750	600	450	100	D	D	3,250	350	250	100	7,600	500	200	50
Biological, agricultural, and other life scientists	186,900	1,825	8,800	350	200	50	44,750	1,075	5,100	300	124,400	1,600	3,550	275
Full time	149,850	1,700	7,600	300	150	50	39,650	1,025	4,400	275	95,000	1,400	3,100	250
Part time	11,000	575	400	75	D	D	1,350	250	200	50	8,800	500	200	75
Unemployed[d]	2,550	275	250	75	D	D	700	200	200	75	1,350	175	D	D
Retired	19,300	700	300	75	D	D	1,800	225	300	100	16,650	700	200	75
Not employed or not seeking work[e]	4,200	350	200	50	D	D	1,250	250	D	D	2,600	275	100	50
Computer and information scientists	74,150	1,025	2,050	150	D	D	32,000	875	1,200	125	37,600	975	1,300	250
Full time	62,000	1,000	1,750	150	D	D	28,650	850	950	100	29,450	900	1,150	225
Part time	3,450	300	100	50	D	D	700	150	100	50	2,500	250	50	25
Unemployed[d]	1,250	275	S	S	D	D	500	175	D	D	550	125	D	D
Retired	6,150	425	150	50	D	D	1,400	300	100	50	4,500	325	D	D
Not employed or not seeking work[e]	1,300	250	D	D	D	D	700	200	D	D	550	125	D	D
Mathematical scientists	49,750	950	2,200	175	*	*	16,400	650	1,300	125	29,050	725	750	125
Full time	41,000	850	1,900	150	*	*	14,600	625	1,150	125	22,800	675	500	100
Part time	2,950	300	150	75	D	D	600	150	100	25	2,000	250	S	S
Unemployed[d]	600	125	50	25	D	D	300	100	D	D	250	75	D	D
Retired	4,250	375	100	50	D	D	600	150	50	25	3,450	325	50	25
Not employed or not seeking work[e]	900	200	D	D	D	D	300	125	D	D	550	150	D	D
Physical scientists	101,300	1,425	3,700	200	100	50	21,400	900	2,400	175	71,900	1,225	1,700	200
Full time	78,300	1,350	3,150	175	50	50	18,400	850	1,950	175	53,350	1,125	1,350	175
Part time	6,800	400	250	75	D	D	900	175	250	75	5,350	375	S	S
Unemployed[d]	1,450	225	50	25	D	D	350	100	50	50	1,000	200	D	D
Retired	13,050	525	250	75	D	D	1,200	225	150	50	11,200	550	250	100
Not employed or not seeking work[e]	1,650	200	50	25	D	D	500	150	S	S	1,000	150	D	D
Psychologists	92,550	950	5,000	225	250	75	4,850	375	4,150	325	76,600	900	1,750	200
Full time	56,000	1,025	3,200	200	200	50	3,300	325	2,750	250	45,300	925	1,300	200
Part time	22,400	750	1,200	150	D	D	850	175	900	175	19,150	725	250	75

TABLE 31

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

(Number and SE)

Occupation 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
Unemployed[d]	900	150	100	50	D	D	D	D	150	75	550	125	D	D
Retired	10,850	550	450	100	D	D	350	150	250	75	9,600	525	150	75
Not employed or not seeking work[e]	2,400	325	50	50	D	D	250	125	D	D	1,950	300	D	D
Social scientists	81,200	1,225	5,100	300	200	50	10,100	500	4,550	225	59,900	1,150	1,350	150
Full time	60,750	1,000	4,050	275	200	50	8,350	450	3,450	250	43,600	925	1,100	150
Part time	7,700	475	500	100	D	D	800	200	500	100	5,850	450	100	50
Unemployed[d]	1,400	225	150	75	D	D	S	S	100	50	900	200	D	D
Retired	10,050	550	250	75	D	D	500	125	450	100	8,650	500	150	75
Not employed or not seeking work[e]	1,300	225	100	75	D	D	200	125	50	25	900	175	D	D
Engineering occupations	138,100	1,575	5,250	225	150	50	54,400	1,125	3,300	225	72,850	1,250	2,150	275
Full time	116,050	1,525	4,550	225	100	50	48,100	1,150	2,950	200	58,600	1,150	1,750	250
Part time	6,750	475	200	50	D	D	2,000	325	150	50	4,300	325	50	50
Unemployed[d]	2,150	275	100	50	D	D	900	225	100	50	1,000	175	S	S
Retired	11,850	600	250	75	D	D	2,950	300	100	50	8,250	475	250	125
Not employed or not seeking work[e]	1,250	200	100	50	D	D	450	125	D	D	700	150	D	D
S&E-related occupations	119,200	1,700	4,450	250	250	75	26,850	1,000	5,450	350	80,250	1,300	1,900	200
Full time	91,200	1,425	3,800	225	150	50	23,250	900	4,250	275	58,200	1,075	1,550	175
Part time	9,300	600	300	75	50	25	1,150	225	500	125	7,150	550	200	75
Unemployed[d]	2,000	225	100	50	D	D	400	100	300	100	1,200	175	D	D
Retired	14,650	675	300	75	D	D	1,600	225	400	100	12,300	625	100	50
Not employed or not seeking work[e]	2,050	300	50	25	D	D	450	150	50	25	1,450	250	D	D
Non-S&E occupations	178,900	1,950	8,100	350	500	100	30,450	950	8,650	350	127,550	1,700	3,650	325
Full time	124,450	1,825	6,200	275	300	75	23,950	925	6,400	300	85,000	1,550	2,600	275
Part time	22,200	750	800	125	100	50	3,200	325	900	150	16,550	650	650	175
Unemployed[d]	4,300	400	150	50	D	D	500	125	300	100	3,250	375	50	25
Retired	24,600	850	750	125	S	S	2,450	325	700	125	20,350	800	200	75
Not employed or not seeking work[e]	3,450	275	250	75	D	D	350	100	300	75	2,400	250	150	75

* = suppressed when population estimate < 25. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering; 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. If respondent was not employed during survey reference period, occupation when last employed was reported. Excludes individuals who reported never having worked so could not be classified by occupation. 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.