TABLE 77

U.S. residing doctoral scientists and engineers on postdoctoral appointments, by selected demographic characteristics and broad field of doctorate: 2021

(Number and SE)

Characteristic	All employed		Science														Engineering		Health	
			Total		Biological, agricultural, and environmental life sciences		Computer and information sciences		Mathematics and statistics		Physical sciences		Psychology		Social sciences					
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
On postdoc in February 2021	27,150	750	22,100	675	13,650	575	300	100	850	175	5,550	375	850	150	900	150	3,950	325	1,100	150
Years since doctorate																				
≤ 5 years	22,200	600	17,750	550	10,300	425	250	75	750	125	4,850	350	800	150	750	125	3,450	300	1,000	150
6–10 years	4,250	400	3,700	375	2,950	325	D	D	D	D	600	150	D	D	50	50	450	150	100	50
11–15 years	600	175	550	150	350	150	D	D	D	D	50	25	D	D	D	D	D	D	D	D
> 15 years	100	50	100	50	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Sex																				
Male	15,900	650	12,600	575	7,350	475	250	75	650	150	3,700	300	300	75	350	125	2,950	325	350	100
Female	11,250	475	9,450	425	6,250	375	S	S	250	75	1,850	225	550	125	550	100	1,050	125	750	125
Ethnicity																				
Hispanic or Latino[a]	1,700	125	1,450	125	950	100	D	D	S	S	250	50	150	75	50	25	150	50	100	50
Not Hispanic or Latino[b]																				
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Asian	11,200	550	8,500	525	5,050	400	100	50	450	150	2,600	275	150	75	150	75	2,300	250	400	100
Black or African American	850	125	650	100	400	100	D	D	D	D	100	50	D	D	100	50	150	50	50	50
White	12,800	575	11,050	525	6,950	425	200	75	350	100	2,500	250	450	100	600	125	1,250	175	550	100
Other race[c]	600	100	450	75	300	75	D	D	S	S	100	50	D	D	D	D	100	50	D	D
Age																				
Under 35	15,900	600	12,750	525	7,200	375	200	75	550	125	3,900	300	500	125	400	100	2,650	250	500	100
35–44	9,900	450	8,300	450	5,800	425	100	50	300	125	1,550	225	250	75	350	75	1,100	150	450	100
45–75	1,350	200	1,000	200	650	150	D	D	D	D	100	50	100	50	S	S	S	S	150	75
Citizenship																				
U.S. citizen	14,450	525	12,600	475	8,300	400	200	75	300	75	2,550	250	700	125	600	100	1,200	150	650	125
Non-U.S. citizen	12,700	575	9,500	525	5,350	425	100	50	550	150	3,000	325	150	75	300	125	2,800	300	450	100
Sector of employment																				
Educational institution[d]	19,800	700	16,050	600	9,550	475	200	75	650	125	4,100	325	700	125	800	125	2,950	300	850	125
Business/ industry[e]	5,150	375	4,400	350	3,050	300	S	S	D	D	1,050	175	D	D	D	D	600	125	150	75
Government[f]	2,200	225	1,650	150	1,000	150	D	D	100	50	400	100	100	50	50	25	450	125	100	50

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] Educational institution includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), university-affiliated research institutes, 2-year colleges, community colleges, technical institutes, precollege institutions, and other educational institutions.

[e] Business or industry includes private for profit, private not for profit, self-employed or business owners in incorporated or nonincorporated business, non-U.S. governments, and employers not broken out separately.

[f] Government includes U.S. federal, state, and local government.

Note(s):
Numbers are rounded to the nearest 50. Standard errors are rounded up to the nearest 25. A postdoc is a temporary position awarded in academe, industry, nonprofit organizations, or government primarily for gaining additional education and training in research. Postdoc status is reported for the principal job as of the survey reference date (1 February 2021). Years since doctorate were calculated as academic years since doctorate attainment. 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.