

TABLE 77
U.S. residing doctoral scientists and engineers on postdoc appointments, by selected demographic characteristics and broad field of doctorate: 2023

(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 appointment in February 2023	23,450	675	19,050	550	10,700	375	350	125	700	125	4,950	325	1,250	200	1,150	125	3,500	325	900	125		
Years since doctorate																						
≤ 5 years	18,800	550	15,350	475	8,450	325	250	75	600	100	4,150	275	900	150	950	125	2,700	200	800	125		
6–10 years	3,350	300	2,850	300	1,950	200	D	D	D	D	650	150	S	S	100	50	450	125	50	50		
11–15 years	650	150	500	125	300	100	D	D	D	D	S	S	D	D	D	D	S	S	D	D		
> 15 years	650	225	400	175	D	D	D	D	D	D	D	D	S	S	D	D	S	S	D	D		
Sex																						
Male	13,650	550	10,650	450	5,550	325	200	75	500	100	3,350	275	450	175	600	125	2,650	300	400	75		
Female	9,800	400	8,400	375	5,150	250	S	S	200	75	1,600	175	750	125	500	75	900	125	500	100		
Ethnicity and race																						
Hispanic or Latino ^a	1,850	125	1,650	125	1,000	100	D	D	50	25	300	50	150	75	150	50	200	75	50	25		
Not Hispanic or Latino ^b																						
American Indian or Alaska Native	S	S	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D		
Asian	9,050	475	6,650	350	3,600	250	150	50	200	75	2,150	225	300	75	250	75	2,050	250	350	75		
Black or African American	900	125	750	125	400	75	D	D	D	D	100	50	D	D	150	50	50	25	100	50		
White	11,050	425	9,450	400	5,400	275	S	S	400	75	2,300	225	650	175	550	100	1,200	175	400	75		
Other race ^c	550	100	500	100	300	75	D	D	D	D	100	50	D	D	D	D	D	D	D	D		
Age																						
Under 35	13,050	450	10,650	425	5,650	275	150	50	500	100	3,400	250	550	125	450	100	2,050	175	350	75		
35–44	8,550	475	7,100	400	4,550	325	100	50	200	50	1,350	200	350	100	550	100	1,050	200	450	100		
45–75	1,800	275	1,300	200	550	100	D	D	D	D	200	75	350	125	150	50	400	200	100	50		
Citizenship																						
U.S. citizen	13,500	475	11,650	450	6,950	300	200	125	400	75	2,350	200	900	200	800	125	1,350	200	550	100		
Non-U.S. citizen	9,950	500	7,400	400	3,750	250	150	50	250	75	2,600	275	300	75	350	100	2,200	250	350	75		
Sector of employment																						
Educational institution ^d	17,300	600	13,950	450	7,500	300	350	125	600	100	3,700	275	950	150	950	125	2,600	300	700	125		
Business or industry ^e	3,950	325	3,350	300	2,250	225	D	D	D	D	750	150	S	S	50	50	550	150	S	S		
Government ^f	2,200	200	1,750	200	1,000	125	D	D	S	S	500	100	D	D	100	50	350	75	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 individuals who reported being Native Hawaiian or Other Pacific Islander, single race, and those who reported being more than one race.

^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. Detail may not add to total because of rounding. A postdoc appointment is a temporary position awarded in academe, industry, nonprofit organizations, or government primarily for gaining additional education and training in research. Postdoc appointment status is reported for the principal job as of the survey reference date (1 February 2023). Years since doctorate were calculated as academic years since doctorate attainment. 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.