

TABLE 42

U.S. residing employed doctoral scientists and engineers, by occupation and sector of employment: 2021

(Number and SE)

Occupation	All employed		4-year educational institution ^a		Other educational institution ^b		Private, for profit ^c		Private, nonprofit		Federal government		State or local government		Self-employed ^d		Other ^e	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
Postsecondary teachers, sociology	7,950	425	7,350	425	600	125	D	D	D	D	D	D	D	D	D	D	D	D
Postsecondary teachers, other social sciences	15,550	500	14,800	500	750	150	D	D	D	D	D	D	D	D	D	D	D	D
Sociologists, anthropologists	3,800	300	1,300	150	50	50	550	125	550	125	550	150	150	50	550	150	50	25
Other social scientists	9,400	475	2,450	225	300	75	2,100	250	1,900	225	1,250	200	600	100	650	125	100	50
Engineering occupations	122,800	1,575	36,600	1,000	450	150	68,150	1,400	4,100	325	7,200	500	2,600	325	2,350	275	1,300	200
Aerospace, aeronautical, astronautical engineers	7,100	425	700	150	D	D	3,850	325	650	125	1,550	250	200	50	S	S	100	50
Chemical engineers	8,800	475	850	175	D	D	6,450	425	400	125	700	175	D	D	S	S	D	D
Civil, architectural, sanitary engineers	7,400	425	900	175	D	D	4,250	375	100	50	500	125	1,300	250	250	100	S	S
Electrical engineers	26,950	850	2,000	275	D	D	21,900	800	900	175	950	150	200	75	600	175	400	150
Industrial engineers	1,450	200	250	75	D	D	950	175	S	S	50	25	D	D	100	50	D	D
Mechanical engineers	14,250	625	2,100	300	D	D	9,950	575	550	125	1,200	250	D	D	250	75	200	75
Postsecondary teachers, engineering	26,100	750	25,600	750	450	150	D	D	D	D	D	D	D	D	D	D	D	D
Other engineers	30,750	825	4,200	350	D	D	20,800	700	1,350	200	2,200	225	800	150	950	175	400	125
S&E-related occupations	100,450	1,525	36,750	1,025	5,800	375	35,400	1,075	11,350	575	5,100	400	2,750	300	2,450	250	800	200
Health occupations, except postsecondary teachers and managers	30,750	850	7,750	525	250	125	9,600	575	7,800	425	1,900	250	1,250	225	1,900	225	300	75
Postsecondary teachers, health and related science	24,000	825	23,550	825	250	75	D	D	50	50	D	D	D	D	D	D	D	D
S&E managers, including health	30,550	950	4,050	350	D	D	18,750	775	2,900	300	2,850	300	1,300	200	250	100	450	150
S&E precollege teachers	5,300	325	D	D	5,250	325	D	D	D	D	D	D	D	D	D	D	D	D
S&E technicians/ technologists	9,100	600	1,350	250	D	D	6,350	475	550	100	300	100	200	75	300	100	S	S
Other S&E-related occupations	800	150	D	D	D	D	600	125	S	S	D	D	D	D	D	D	D	D
Non-S&E occupations	146,600	1,825	39,650	875	5,600	425	66,400	1,175	12,500	625	6,050	425	3,450	325	11,850	575	1,150	175
Arts, humanities-related occupations	9,150	500	750	150	S	S	4,200	375	1,150	200	200	75	100	50	2,600	275	S	S
Management-related occupations	29,100	975	3,500	275	500	150	16,300	725	2,650	275	2,300	225	1,000	175	2,400	300	400	125
Non-S&E managers	60,150	1,350	16,550	600	2,200	250	30,450	950	5,650	375	2,000	250	1,250	200	1,750	225	350	100
Non-S&E postsecondary teachers	17,250	575	16,500	575	600	125	D	D	100	50	D	D	D	D	D	D	D	D
Non-S&E precollege/ other teachers	3,700	350	50	25	1,550	200	800	125	300	125	D	D	D	D	750	175	D	D
Sales, marketing occupations	8,550	525	100	50	D	D	6,650	400	250	100	D	D	D	D	1,350	250	150	75
Social service-related occupations	6,000	350	900	175	500	150	1,050	150	1,750	200	200	75	350	100	1,200	200	50	50
Other non-S&E occupations	12,750	575	1,250	150	150	75	6,950	450	600	100	1,200	200	700	150	1,800	225	50	50

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 Includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.

^b Includes 2-year colleges, community colleges, or technical institutes, and other precollege institutions.

^c Includes those self-employed in an incorporated business.

^d Self-employed or business owner in a nonincorporated business.

^e Includes employers not broken out separately.

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. 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.