

TABLE 11-2

Non-U.S. residing employed doctoral scientists and engineers, by field of doctorate and years since doctorate: 2023

(Number and SE)

Field of study	All employed		≤ 5		6–10		11–15		16–20		21–25		> 25	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
All fields	146,300	1,825	19,050	450	25,450	875	24,950	800	21,600	700	16,400	750	38,850	1,100
Science	102,600	1,650	13,200	425	17,350	775	18,000	650	15,700	600	11,750	675	26,600	900
Biological, agricultural, and environmental life sciences	29,550	875	3,000	225	5,100	400	5,000	375	4,750	400	3,850	350	7,850	525
Agricultural and food sciences	5,150	300	550	100	700	125	700	125	700	100	900	175	1,600	200
Biochemistry and biophysics	3,000	400	100	75	550	175	600	200	450	175	250	125	1,100	250
Cell, cellular biology, and molecular biology	2,600	350	200	75	400	150	350	150	350	100	350	150	950	225
Microbiological sciences and immunology	2,350	275	250	75	450	125	400	125	300	100	250	125	650	175
Natural resources and conservation	2,450	225	150	50	600	125	500	125	400	75	250	50	550	125
Zoology	1,000	150	100	50	S	S	150	50	200	75	200	75	300	100
Other biological sciences	13,050	625	1,700	175	2,400	250	2,250	250	2,400	300	1,650	275	2,700	275
Computer and information sciences	5,750	425	1,250	150	900	175	1,150	225	1,000	225	400	150	1,000	200
Mathematics and statistics	8,800	475	1,400	175	1,700	250	1,700	250	1,050	175	950	175	2,000	225
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	22,250	925	2,450	250	3,850	425	4,100	450	3,200	350	2,400	350	6,200	475
Astronomy and astrophysics	1,200	175	250	75	250	75	150	75	D	D	250	125	250	100
Chemistry, except biochemistry	7,500	650	650	150	1,150	250	1,400	300	1,350	225	1,000	275	1,900	275
Geosciences, atmospheric sciences, and ocean sciences	4,550	275	750	125	800	125	750	100	550	75	450	100	1,250	200
Physics	9,000	625	800	150	1,600	300	1,800	325	1,250	250	750	175	2,800	300
Psychology	6,500	450	900	175	1,100	200	1,100	150	800	175	850	200	1,750	300
Social sciences	29,750	925	4,150	275	4,650	400	4,900	400	4,900	400	3,350	350	7,800	525
Economics	12,850	525	1,500	175	1,900	275	1,950	225	2,350	275	1,450	225	3,650	375
Political science and government	4,250	400	600	125	850	200	800	200	600	150	650	200	700	200
Sociology, demography, and population studies	2,700	325	400	125	300	100	400	125	500	150	250	100	800	200
Other social sciences	9,950	450	1,600	175	1,550	150	1,750	200	1,450	200	950	150	2,700	275
Engineering	38,100	1,125	4,850	350	7,000	500	6,050	525	5,050	400	3,750	375	11,400	675
Aerospace, aeronautical, and astronautical engineering	1,100	175	200	75	250	100	50	50	150	50	S	S	400	150
Chemical engineering	3,600	400	350	125	500	175	500	175	500	150	300	100	1,450	275
Civil engineering	6,300	450	750	150	900	175	1,300	225	1,050	200	850	225	1,550	300
Electrical and computer engineering	9,100	600	1,150	200	1,350	250	1,600	250	1,600	250	950	175	2,450	350
Mechanical engineering	5,400	475	600	150	1,350	275	1,050	250	450	150	250	100	1,700	275
Metallurgical and materials engineering	3,650	400	350	125	650	200	550	150	250	100	550	175	1,350	225
Other engineering	8,950	475	1,450	200	2,050	275	1,000	175	1,100	200	800	150	2,500	325
Health	5,600	425	1,050	175	1,150	200	900	200	850	175	850	175	850	200

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

SE = standard error.

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 2023.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2023.