TABLE 12-2

Non-U.S. residing employed doctoral scientists and engineers, by field of doctorate and sector of employment: 2021

(Number and SE)

Field of study	All employed		Educational institution[a]		Business or industry[b]		Government[c]	
	Number	SE	Number	SE	Number	SE	Number	SE
All fields	145,250	1,700	93,850	1,500	37,850	1,225	13,500	650
Science	101,650	1,450	67,050	1,350	24,250	900	10,350	575
Biological, agricultural, and environmental life sciences	28,600	775	17,000	675	7,850	475	3,750	300
Agricultural and food sciences	5,500	275	3,200	225	1,450	150	850	125
Biochemistry and biophysics	2,950	375	1,700	300	950	225	300	125
Cell, cellular biology, and molecular biology	2,400	300	1,150	225	900	175	350	150
Microbiological sciences and immunology	2,300	275	1,450	200	600	200	300	100
Natural resources and conservation	2,300	200	1,450	175	550	125	300	50
Zoology	1,300	200	900	175	200	75	150	50
Other biological sciences	11,850	525	7,150	475	3,150	300	1,550	200
Computer and information sciences	5,000	375	3,100	325	1,550	250	350	150
Mathematics and statistics	9,350	500	7,450	500	1,650	225	250	75
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	21,950	825	13,100	700	6,200	525	2,700	325
Astronomy and astrophysics	800	125	450	75	250	100	100	25
Chemistry, except biochemistry	7,600	525	4,500	450	2,550	325	550	150
Geosciences, atmospheric sciences, and ocean sciences	4,700	275	2,500	250	1,150	225	1,000	175
Physics	8,900	600	5,650	500	2,200	325	1,050	250
Psychology	6,250	450	4,150	375	1,600	250	500	175
Social sciences	30,500	875	22,250	825	5,400	425	2,850	325
Economics	12,650	475	8,350	450	2,850	325	1,400	225
Political science and government	5,150	500	3,450	400	1,000	225	700	225
Sociology, demography, and population studies	2,400	250	2,000	250	300	100	100	50
Other social sciences	10,300	500	8,450	500	1,250	175	600	125
Engineering	38,000	1,075	23,250	850	12,350	775	2,450	300
Aerospace, aeronautical, and astronautical engineering	1,600	250	750	200	650	175	250	100
Chemical engineering	3,850	375	2,200	300	1,550	275	100	50
Civil engineering	6,600	525	3,800	400	2,150	325	600	175
Electrical and computer engineering	9,150	525	6,100	500	2,650	325	350	125
Mechanical engineering	4,800	400	3,100	375	1,450	250	200	100
Metallurgical and materials engineering	3,450	350	1,900	300	1,350	250	200	75
Other engineering	8,550	450	5,350	400	2,450	250	700	150
Health	5,600	425	3,600	325	1,300	250	700	200

SE = standard error.

[a] 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.

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

[c] Government includes U.S. federal, state, and local government and non-U.S. government at any level.

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.