

TABLE 11-2

**Non-U.S. residing employed doctoral scientists and engineers, by field of doctorate and years since doctorate: 2019**

(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	126,050	1,450	15,750	575	22,450	675	21,350	800	16,400	650	18,950	725	31,150	900
Science	89,250	1,275	11,400	550	16,200	625	15,550	725	11,750	600	12,700	600	21,650	750
Biological, agricultural, and environmental life sciences	25,950	725	3,100	275	3,750	275	4,650	400	3,550	350	4,250	350	6,650	500
Agricultural and food sciences	5,000	300	550	100	550	100	800	125	700	125	850	150	1,550	200
Biochemistry and biophysics	2,250	275	200	100	400	100	300	125	150	75	450	150	750	175
Cell, cellular biology, and molecular biology	2,450	275	S	S	200	75	600	150	250	100	450	150	800	175
Microbiological sciences and immunology	2,250	275	350	100	400	100	450	125	250	100	450	150	400	150
Natural resources and conservation	2,100	200	350	75	300	50	450	125	400	100	200	50	400	100
Zoology	1,050	175	D	D	100	50	150	100	250	125	150	75	300	125
Other biological sciences	10,800	550	1,400	200	1,850	200	1,950	250	1,550	250	1,650	225	2,400	350
Computer and information sciences	4,700	350	650	150	1,250	250	900	150	400	150	600	150	900	175
Mathematics and statistics	6,800	350	1,050	200	1,350	250	1,300	175	950	150	750	175	1,400	225
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	20,300	800	2,350	300	4,100	450	3,400	375	2,400	350	2,450	325	5,650	425
Astronomy and astrophysics	900	125	150	50	350	150	S	S	S	S	100	50	150	75
Chemistry, except biochemistry	6,650	450	550	150	1,450	250	1,050	200	1,000	225	1,100	250	1,500	250
Geosciences, atmospheric sciences, and ocean sciences	4,000	225	600	100	700	100	650	100	450	100	550	125	1,100	200
Physics	8,700	525	1,050	200	1,600	275	1,550	275	850	200	750	175	2,900	375
Psychology	5,400	350	700	125	1,100	200	750	175	850	200	650	150	1,250	175
Social sciences	26,050	775	3,600	350	4,600	325	4,500	400	3,600	325	3,950	375	5,850	425
Economics	12,200	500	1,550	250	1,850	200	2,050	300	1,800	225	2,100	275	2,850	275
Political science and government	3,250	325	500	150	650	125	600	150	400	100	150	50	900	225
Sociology, demography, and population studies	2,250	250	350	125	400	100	450	100	250	100	350	125	450	125
Other social sciences	8,400	425	1,150	175	1,750	250	1,350	225	1,150	200	1,350	250	1,650	200
Engineering	32,450	900	3,650	350	5,450	400	5,050	400	4,050	375	5,450	475	8,800	525
Aerospace, aeronautical, and astronautical engineering	1,100	200	100	50	S	S	150	75	100	50	50	50	500	175
Chemical engineering	3,700	375	250	125	550	125	600	175	350	150	700	175	1,200	225
Civil engineering	5,400	400	600	150	1,050	200	900	225	1,100	225	650	200	1,150	225
Electrical and computer engineering	8,200	500	950	200	1,350	225	1,500	250	800	175	1,500	300	2,150	325
Mechanical engineering	3,700	375	400	125	650	175	350	125	250	100	950	225	1,150	250
Metallurgical and materials engineering	2,900	275	300	100	600	150	300	125	500	150	500	125	800	150
Other engineering	7,450	400	1,100	175	1,100	150	1,250	200	1,050	175	1,100	175	1,900	225
Health	4,350	350	700	150	850	175	750	175	550	150	800	175	700	175

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 2019.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: 2019.