

TABLE 1-2

**Non-U.S. residing doctoral scientists and engineers, by field of doctorate and employment status: 2019**

(Number and SE)

Field of study	Total		Employed		Unemployed <sup>a</sup>		Not in the labor force <sup>b</sup>	
	Number	SE	Number	SE	Number	SE	Number	SE
All fields	139,850	1,350	126,050	1,450	1,950	300	11,900	625
Science	100,200	1,250	89,250	1,275	1,450	250	9,500	500
Biological, agricultural, and environmental life sciences	29,350	775	25,950	725	700	175	2,700	300
Agricultural and food sciences	5,750	300	5,000	300	50	50	700	125
Biochemistry and biophysics	2,700	325	2,250	275	D	D	400	175
Cell, cellular biology, and molecular biology	2,750	300	2,450	275	D	D	100	50
Microbiological sciences and immunology	2,400	275	2,250	275	D	D	100	75
Natural resources and conservation	2,400	200	2,100	200	50	25	250	75
Zoology	1,350	200	1,050	175	D	D	200	100
Other biological sciences	12,050	550	10,800	550	300	125	950	175
Computer and information sciences	4,850	350	4,700	350	D	D	150	75
Mathematics and statistics	7,650	325	6,800	350	D	D	800	175
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	22,750	800	20,300	800	300	125	2,100	275
Astronomy and astrophysics	1,000	125	900	125	D	D	100	50
Chemistry, except biochemistry	7,400	450	6,650	450	D	D	700	175
Geosciences, atmospheric sciences, and ocean sciences	4,650	250	4,000	225	150	75	500	100
Physics	9,700	525	8,700	525	S	S	900	225
Psychology	6,250	375	5,400	350	S	S	800	150
Social sciences	29,350	750	26,050	775	350	125	2,900	325
Economics	13,400	500	12,200	500	D	D	1,200	225
Political science and government	3,450	325	3,250	325	D	D	D	D
Sociology, demography, and population studies	2,900	275	2,250	250	D	D	650	175
Other social sciences	9,650	450	8,400	425	250	100	950	175
Engineering	35,050	950	32,450	900	450	150	2,150	350
Aerospace, aeronautical, and astronautical engineering	1,150	200	1,100	200	D	D	D	D
Chemical engineering	3,950	400	3,700	375	D	D	D	D
Civil engineering	5,700	425	5,400	400	D	D	250	125
Electrical and computer engineering	9,000	525	8,200	500	S	S	600	225
Mechanical engineering	4,050	400	3,700	375	D	D	350	150
Industrial engineers	3,100	250	2,900	275	D	D	150	50
Other engineering	8,150	425	7,450	400	S	S	650	175
Health	4,600	350	4,350	350	S	S	200	75

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

SE = standard error.

<sup>a</sup> Unemployed includes individuals who were not working during the survey reference week but had been seeking work in the prior 4 weeks or who were on layoff from their job.<sup>b</sup> Not in the labor force includes individuals who were not working during the survey reference week and had not been seeking work in the prior 4 weeks because of family responsibilities, chronic illness, or other reasons.**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.