

TABLE 1-2

Non-U.S. residing doctoral scientists and engineers, by field of doctorate and employment status: 2023

(Number and SE)

Field of study	Total		Employed		Unemployed ^a		Not in the labor force ^b	
	Number	SE	Number	SE	Number	SE	Number	SE
All fields	163,450	1,875	146,300	1,825	2,550	300	14,600	800
Science	114,500	1,700	102,600	1,650	1,600	250	10,300	600
Biological, agricultural, and environmental life sciences	33,350	900	29,550	875	350	75	3,450	375
Agricultural and food sciences	6,250	325	5,150	300	50	50	1,050	175
Biochemistry and biophysics	3,500	425	3,000	400	D	D	450	175
Cell, cellular biology, and molecular biology	2,800	325	2,600	350	D	D	200	75
Microbiological sciences and immunology	2,550	300	2,350	275	D	D	150	75
Natural resources and conservation	2,700	225	2,450	225	S	S	250	75
Zoology	1,200	175	1,000	150	D	D	250	100
Other biological sciences	14,300	675	13,050	625	100	50	1,150	250
Computer and information sciences	6,200	450	5,750	425	D	D	400	100
Mathematics and statistics	9,800	475	8,800	475	150	75	800	150
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	24,650	950	22,250	925	400	125	2,000	300
Astronomy and astrophysics	1,300	175	1,200	175	D	D	100	50
Chemistry, except biochemistry	8,550	700	7,500	650	D	D	950	250
Geosciences, atmospheric sciences, and ocean sciences	5,000	300	4,550	275	100	50	400	75
Physics	9,800	650	9,000	625	S	S	550	175
Psychology	7,350	450	6,500	450	D	D	750	175
Social sciences	33,250	875	29,750	925	600	200	2,900	350
Economics	14,100	525	12,850	525	S	S	1,050	225
Political science and government	4,750	450	4,250	400	D	D	300	150
Sociology, demography, and population studies	2,900	325	2,700	325	D	D	200	75
Other social sciences	11,450	450	9,950	450	200	75	1,300	225
Engineering	42,600	1,150	38,100	1,125	800	200	3,650	400
Aerospace, aeronautical, and astronautical engineering	1,150	175	1,100	175	D	D	D	D
Chemical engineering	4,200	400	3,600	400	100	75	500	175
Civil engineering	7,000	450	6,300	450	D	D	600	175
Electrical and computer engineering	10,200	625	9,100	600	150	100	950	225
Mechanical engineering	5,800	500	5,400	475	D	D	300	150
Metallurgical and materials engineering	4,300	425	3,650	400	D	D	550	175
Other engineering	9,950	475	8,950	475	200	100	800	175
Health	6,350	425	5,600	425	150	75	600	175

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

SE = standard error.

^a 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.

^b 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 2023.

Source(s):

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