

**Table TAL-18. U.S. stay rates for S&E doctorates holding temporary U.S. visas at doctoral graduation, by key characteristics: 2023**

(Number and percent)

Key characteristics	Doctorate recipients, academic years 2017–19 (number) <sup>a</sup>	Short-term U.S. stay rate (%)	Doctorate recipients, academic years 2012–14 (number) <sup>b</sup>	Long-term U.S. stay rate (%)
Total	44,450	73.0	42,250	68
Doctoral fields				
Biological, agricultural, and environmental life sciences and health	9,650	75	10,450	70
Computer and mathematical sciences	6,550	75	5,350	76
Physical sciences	6,500	75	6,400	65
Social sciences	5,750	49	5,100	49
Engineering	16,000	80	15,000	71
Citizenship: Select countries				
China (including Hong Kong and Macau)	15,850	83	12,000	85
India	5,750	86	5,850	75
Iran	2,600	97	1,000	96
South Korea	2,550	50	3,950	45
Turkey	1,350	53	1,650	50
Taiwan	1,150	68	1,600	66
Canada	950	59	1,150	62
All other countries	14,300	61	15,000	58
Citizenship: World region				
Europe	4,600	63	5,900	57
Asia	33,500	77	30,600	70
North America <sup>c</sup>	1,400	64	1,550	60
South America	1,750	58	1,550	53
Africa	1,800	75	1,750	81
All other regions <sup>d</sup>	1,400	60	850	71

<sup>a</sup> U.S.-trained S&E doctorate recipients holding temporary U.S. visas at graduation, degrees awarded between 1 July 2016 and 30 June 2019.<sup>b</sup> U.S.-trained S&E doctorate recipients holding temporary U.S. visas at graduation, degrees awarded between 1 July 2011 and 30 June 2014.<sup>c</sup> North America excludes the United States.<sup>d</sup> Other regions include the Caribbean, Central America, Oceania, and abroad, region not specified.**Note(s):**

The National Center for Science and Engineering Statistics (NCSES) estimates short-term and long-term stay rates. Short-term stay rates are based on individuals who remain in the United States approximately 5 years after graduation, and long-term stay rates are based on individuals who remain in the United States approximately 10 years after graduation. Stay rate is the percentage residing in the United States on 1 February 2023 of U.S.-trained S&E doctorate recipients holding temporary U.S. visas at doctorate graduation. Weighted frequencies are rounded to the nearest 50. Stay rates are rounded to the nearest integer. Due to changes in the NCSES Taxonomy of Disciplines, field of degree numbers and proportions may not be comparable with those from prior years. Detail may not add to total due to rounding.

**Source(s):**

NCSES, Survey of Doctorate Recipients (SDR), 2023.

*Science and Engineering Indicators*