

TABLE 25

U.S. residing employed doctoral scientists and engineers, by selected demographic characteristics and citizenship status: 2019

(Number and SE)

Characteristic	All employed		U.S. citizen						Non-U.S. citizen					
			Total		Native born		Naturalized		Total		Permanent resident		Temporary resident	
	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE	Number	SE
Doctorate recipient	857,200	1,975	732,750	2,000	555,150	1,575	177,600	1,675	124,450	1,600	87,200	1,475	37,300	900
Sex														
Male	546,050	1,750	458,800	1,875	335,250	1,525	123,600	1,350	87,200	1,400	60,750	1,275	26,500	800
Female	311,200	1,200	273,950	1,250	219,900	1,150	54,000	800	37,250	825	26,450	775	10,800	500
Ethnicity														
Hispanic or Latino ^a	37,250	550	31,850	500	20,500	425	11,350	325	5,350	275	3,500	200	1,850	175
Not Hispanic or Latino ^b														
American Indian or Alaska Native	1,300	125	1,250	125	1,250	125	*	*	D	D	D	D	D	D
Asian	213,350	1,325	123,800	1,275	18,750	575	105,000	1,300	89,600	1,175	60,600	1,200	29,000	775
Black or African American	31,100	400	27,500	425	19,250	350	8,250	300	3,600	250	2,550	200	1,050	150
White	562,350	1,750	536,900	1,750	485,550	1,675	51,350	1,125	25,450	875	20,200	800	5,250	400
Other race ^c	11,950	400	11,500	375	9,850	350	1,650	200	450	100	300	75	150	75
Age														
Under 35	99,050	1,050	63,200	975	55,950	950	7,200	400	35,850	850	15,100	625	20,750	625
35–39	128,800	1,375	91,050	1,200	75,550	1,075	15,500	600	37,750	975	27,300	900	10,450	600
40–44	117,500	1,325	93,100	1,200	66,800	1,000	26,300	800	24,400	875	20,800	750	3,600	375
45–49	108,400	1,450	95,950	1,425	67,050	1,100	28,900	950	12,450	600	11,400	575	1,050	150
50–54	100,900	1,375	95,050	1,375	65,400	1,175	29,650	925	5,850	450	5,150	400	700	150
55–59	101,950	1,400	97,450	1,425	66,650	1,275	30,850	825	4,500	375	4,000	375	500	150
60–64	88,300	1,400	86,200	1,375	65,850	1,200	20,350	750	2,150	250	1,950	250	150	50
65–75	112,350	1,625	110,850	1,550	91,950	1,425	18,900	800	1,550	275	1,450	275	D	D
Years since doctorate														
≤ 5	142,500	625	91,600	775	79,700	825	11,900	425	50,900	800	22,400	700	28,450	725
6–10	154,750	1,025	114,900	1,025	92,450	925	22,450	700	39,900	950	33,750	900	6,150	450
11–15	127,000	1,150	108,050	1,150	74,250	1,025	33,850	850	18,950	800	17,550	775	1,400	225
16–20	108,700	825	102,200	850	71,700	750	30,500	750	6,500	400	5,900	375	600	150
21–25	104,250	825	100,300	875	68,100	875	32,150	775	3,950	425	3,600	400	350	150
> 25	220,000	1,575	215,700	1,575	169,000	1,500	46,700	1,025	4,300	450	4,000	425	300	125
Place of birth														
United States	544,400	1,525	543,550	1,525	541,750	1,575	1,800	250	800	175	300	100	500	150
Asia	217,650	1,500	123,550	1,450	5,350	350	118,200	1,450	94,100	1,150	64,300	1,200	29,800	750
Europe ^d	46,050	900	32,300	800	4,450	325	27,850	750	13,750	650	11,200	575	2,550	275
North America ^e	8,200	400	5,350	325	1,000	150	4,350	300	2,850	275	2,350	250	500	125
Central America ^f	5,800	325	3,950	225	650	100	3,350	200	1,850	225	1,100	150	750	175
Caribbean	4,000	250	3,200	250	100	50	3,100	250	800	125	600	100	150	50
South America	11,750	475	8,300	400	800	150	7,550	400	3,450	225	2,300	200	1,150	150
Africa	13,950	475	10,000	425	700	150	9,300	425	4,000	300	2,800	250	1,150	175
Oceania	1,850	225	1,000	150	300	100	700	125	850	175	800	175	S	S
Unknown	3,550	400	1,550	275	S	S	1,450	275	2,000	325	1,450	300	600	175

* = suppressed when population estimate < 25. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

SE = standard error.

^a Hispanic or Latino may be of any race.

^b American Indian or Alaska Native, Asian, Black or African American, and White are single race.

^c Other race includes Native Hawaiian or Other Pacific Islander and persons reporting more than one race who are not of Hispanic or Latino ethnicity.

^d Includes Russia.

^e Excludes United States.

^f Includes Mexico.

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.