

TABLE 2-B

Employed doctoral scientists and engineers, by demographic and degree characteristics and transitions to retirement: 2015–19

(Number and percent)

Demographic and degree characteristics	All employed doctoral scientists and engineers in 2015			Retired in 2017				Retired in 2019			
	Number	SE	Percent	Number	SE	Percent	SE	Number	SE	Percent	SE
Total	807,300	1,700	100.00	15,600	675	1.93	0.10	36,350	900	4.50	0.15
Gender											
Male	533,350	1,500	100.00	11,000	625	2.06	0.15	24,800	825	4.65	0.20
Female	273,950	1,225	100.00	4,600	325	1.68	0.15	11,550	550	4.21	0.20
Ethnicity and race											
Hispanic or Latino ^a	40,750	525	100.00	500	100	1.20	0.25	850	125	2.05	0.30
Not Hispanic or Latino ^b											
American Indian or Alaska Native	2,250	200	100.00	D	D	D	D	D	D	D	D
Asian	225,800	1,175	100.00	3,350	425	1.48	0.20	7,000	500	3.10	0.25
Black or African American	27,600	400	100.00	500	100	1.74	0.35	950	150	3.41	0.55
White	501,150	1,825	100.00	11,200	525	2.24	0.15	27,150	825	5.42	0.20
More than one race ^c	9,700	450	100.00	100	50	0.89	0.45	350	100	3.77	0.85
Field of degree											
Science	601,200	1,500	100.00	12,250	600	2.03	0.10	28,250	850	4.70	0.15
Biological, agricultural, and environmental life sciences	205,300	800	100.00	4,000	350	1.94	0.20	9,300	550	4.54	0.30
Computer and information sciences	28,200	250	100.00	350	100	1.30	0.35	950	200	3.33	0.65
Mathematics and statistics	35,700	425	100.00	600	150	1.67	0.40	1,150	200	3.17	0.55
Physical sciences, geosciences, atmospheric, and ocean sciences	131,350	675	100.00	3,050	325	2.33	0.25	6,700	425	5.10	0.35
Psychology	97,300	800	100.00	1,950	225	2.01	0.25	4,950	375	5.07	0.40
Social sciences	103,400	750	100.00	2,250	275	2.19	0.30	5,200	375	5.05	0.40
Engineering	170,900	775	100.00	2,450	350	1.43	0.20	5,850	425	3.42	0.25
Health	35,200	450	100.00	950	175	2.69	0.50	2,250	275	6.36	0.75
Years since degree											
≤ 10 years	157,050	750	100.00	100	50	0.07	0.05	650	125	0.41	0.10
11–20 years	281,200	1,025	100.00	800	150	0.28	0.10	2,300	250	0.82	0.10
21–30 years	231,600	1,375	100.00	4,100	375	1.78	0.20	10,800	625	4.67	0.30
> 30 years	137,450	1,175	100.00	10,600	625	7.70	0.45	22,550	800	16.42	0.55
Residence location in 2015											
U.S. residing	697,850	1,875	100.00	13,850	625	1.98	0.10	32,000	875	4.59	0.15
Non-U.S. residing	109,450	1,225	100.00	1,800	275	1.63	0.25	4,350	325	3.95	0.30
Disability status in 2015											
With disability	65,250	1,250	100.00	1,600	250	2.47	0.35	4,050	350	6.23	0.50
Without disability	742,050	2,050	100.00	14,000	650	1.89	0.10	32,250	900	4.35	0.15
Citizenship at graduation											
U.S. citizen and permanent resident	561,000	2,100	100.00	12,600	600	2.25	0.15	29,450	875	5.25	0.20
Temporary visa holder	246,350	1,575	100.00	3,000	375	1.22	0.15	6,900	500	2.79	0.20

D = suppressed to avoid disclosure of confidential information.

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.

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 2015. Survey asks degree of difficulty—none, slight, moderate, severe, or unable to do—an individual has in seeing (with glasses), hearing (with hearing aid), walking without assistance, lifting 10 pounds, or concentrating, remembering, or making decisions. Those respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients longitudinal panel 2015–25 (LSDR 2015–19 data file).