

TABLE 2-5

Educational background of early career doctorates, by degree origin, years since doctoral degree, and demographic characteristics: 2017

(Percent distribution)

Selected characteristic	Number of early career doctorates	Doctoral institution type					Doctoral degree type	
		U.S. institution				Non-U.S. college or university	Professional degree or doctoral equivalent ^a	Research degree
		Very high research activity university	High research activity university	Special-focus institution	Other U.S. college or university			
All early career doctorates	186,700	66.3	12.6	1.4	6.3	13.4	8.4	91.6
Origin of doctoral degree								
U.S. degree	161,800	76.5	14.6	1.7	7.3	D	9.4	90.6
Non-U.S. degree	24,900	D	D	D	D	D	1.8	98.2
Years since doctoral degree								
1 year or less	36,900	62.7	12.7	1.2	8.0	15.4	9.3	90.7
2–5 years	82,800	64.7	12.5	1.6	6.8	14.5	8.0	92.0
6–10 years	67,000	70.2	12.7	1.4	4.9	10.9	8.4	91.6
Sex								
Female	89,400	66.0	14.3	2.0	7.8	9.8	12.3	87.7
Male	97,300	66.5	11.0	0.9	5.0	16.6	4.8	95.2
Citizenship and sex								
U.S. citizen or permanent resident	156,100	71.5	13.7	1.7	7.3	5.9	9.7	90.3
Female	79,900	69.2	15.1	2.2	8.6	4.9	13.6	86.4
Male	76,300	73.9	12.3	1.1	5.8	6.9	5.6	94.4
Temporary visa holder	30,600	39.5	7.0	0.3	1.7	51.5	1.6	98.4
Female	9,600	38.9	8.4	0.8	1.4	50.5	1.4	98.6
Male	21,000	39.7	6.4	D	1.9	52.0	1.7	98.3
Ethnicity and race								
Hispanic or Latino	13,600	64.3	10.7	0.9	4.3	19.9	6.7	93.3
Not Hispanic or Latino								
Asian	37,600	62.4	10.0	1.2	2.2	24.2	3.3	96.7
Black or African American	10,100	57.7	22.9	S	15.3	2.9	12.7	87.3
White	120,800	67.9	13.0	1.6	7.1	10.4	9.9	90.1
Other race and ethnicity	4,700	79.1	7.6	D	6.6	5.5	4.8	95.2
Age quartile								
32 years and under	38,400	65.3	9.0	0.9	2.2	22.6	4.0	96.0
33–35 year	51,100	69.8	10.2	1.2	2.4	16.3	3.8	96.2
36–40 years	41,900	72.4	11.6	1.6	3.4	11.0	4.4	95.6
41 years or older	55,300	59.0	18.0	1.9	15.1	6.0	18.7	81.3
Disability status								
With disability	51,700	67.6	15.0	1.4	6.6	9.4	9.2	90.8

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		Very high research activity university	High research activity university	Special-focus institution	Other U.S. college or university			
Without disability	135,000	65.7	11.7	1.5	6.3	14.9	8.1	91.9

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

^a Includes medical and related degrees, such as Medical Doctors (MD), Doctor of Pharmacy (PharmD), and other professional degrees such as Doctor of Education (EdD).

Note(s):

Counts are rounded to the nearest 100. Percentages are calculated from unrounded counts and rounded to the nearest 10th of a percent. Details may not add to totals because of rounding.

Source(s):

National Center for Science and Engineering Statistics, Early Career Doctorates Survey, 2017.