

Table 8-6**Early career doctorate holders, by position type, employment setting, field of doctorate, sex, ethnicity, and race: 2017**

(Percent distribution)

Selected characteristic	Number of early career doctorate holders	Female	Male	Hispanic or Latino ^a	Not Hispanic or Latino			
					Asian	Black or African American	White	Other race and ethnicity
Number of early career doctorate holders	186,700	89,400	97,300	13,600	37,600	10,100	120,800	4,700
Percent of early career doctorate holders	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Position type ^b								
Faculty	67.3	71.9	63.0	68.8	51.6	74.5	71.1	72.5
Tenured or tenure-track faculty	46.0	46.0	46.0	47.8	40.1	44.0	47.7	47.9
Non-tenure track or other faculty	21.3	25.9	17.1	21.0	11.6	30.5	23.5	24.7
Postdoctoral scholar	19.5	14.8	23.9	22.9	37.6	8.1	14.8	10.2
Research scientist, nonfaculty researcher, or other position	13.2	13.3	13.1	8.2	10.8	17.4	14.0	17.3
Employment setting								
Academic institution ^c	95.8	98.1	93.7	97.7	93.4	99.4	96.0	96.6
Non-medical school or center	95.8	98.1	93.7	97.7	93.4	99.4	96.0	96.6
Very high research activity universities	44.4	40.9	47.7	47.9	56.5	33.6	41.2	43.9
High research activity universities	14.7	15.3	14.2	17.1	12.1	10.1	15.7	14.4
All other colleges and universities	36.7	41.9	31.8	32.7	24.8	55.8	39.1	38.4
FFRDC	4.2	1.9	6.3	2.3	6.6	0.6	4.0	3.4
Field of doctoral degree								
S&E	60.3	50.3	69.5	62.0	75.0	42.2	57.4	50.9
Biological, agricultural, and environmental life sciences	15.5	14.6	16.2	20.4	21.4	5.9	13.9	14.6
Agricultural and environmental life sciences	2.1	1.9	2.3	2.5	2.7	1.0	2.0	2.6
Biological and biomedical sciences	13.4	12.7	14.0	17.9	18.7	4.9	11.9	12.1
Engineering	9.2	4.4	13.7	6.4	17.3	6.9	7.3	7.0
Mathematics and computer sciences	6.5	3.8	8.9	5.2	10.2	2.2	5.9	3.1
Computer and information sciences	3.1	1.5	4.7	2.1	6.2	1.6	2.5	D
Mathematics and statistics	3.3	2.3	4.3	3.2	4.0	D	3.4	S
Multidisciplinary fields and S&E-related fields	1.4	1.4	1.4	0.9	1.2	S	1.4	1.6
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	11.1	6.9	14.9	8.1	15.6	1.4	10.9	7.7
Psychology and social sciences	16.7	19.2	14.4	20.9	9.2	23.1	18.0	16.8
Psychology	4.7	6.7	2.8	5.0	2.2	6.2	5.2	6.2
Social sciences	12.0	12.5	11.6	15.9	6.9	16.8	12.8	10.6
Health	7.2	11.0	3.7	5.2	4.2	9.6	8.2	6.5
Non-S&E	32.5	38.7	26.8	32.8	20.8	48.2	34.4	42.6
Education	11.3	16.0	7.0	11.6	4.7	20.3	12.5	13.0
Humanities	8.4	9.1	7.8	11.4	2.3	8.0	9.8	15.4
Other Non-S&E	12.8	13.6	12.0	9.9	13.8	19.9	12.2	14.2

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

FFRDC = federally funded research and development center; S&E = science and engineering.

^a Hispanic or Latino may be any race; race categories exclude Hispanic origin.

^b Other faculty includes all other faculty positions such as instructors, lecturers, and adjuncts. Postdoctoral positions are temporary positions in academe, industry, government, or a nonprofit organization primarily for gaining additional education and training in research. Other positions are diverse but are typically university administrators and staff.

^c Academic institutions include U.S. academic institutions in the Survey of Graduate Students and Postdoctorates in Science and Engineering that grant master's and doctorate degrees in science, engineering, and health-related fields.

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. Race and ethnicity data are for U.S. citizens, permanent residents, and temporary visa holders.

Source(s):

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