

TABLE 2-3

**Origin of doctoral degree and citizenship of early career doctorates, by position type, employment setting, and field of doctoral degree: 2017**

(Percent distribution)

Selected characteristic	Number of early career doctorates	Origin of doctoral degree		Citizenship	
		U.S. degree	Non-U.S. degree	U.S. citizen or permanent resident	Temporary visa holder
All early career doctorates	186,700	86.6	13.4	83.6	16.4
Position type <sup>a</sup>					
Faculty	125,600	93.5	6.5	92.4	7.6
Tenured faculty	27,300	95.7	4.3	98.0	2.0
Tenure-track faculty	58,500	92.7	7.3	88.9	11.1
Non-tenure track faculty with rank	13,000	89.9	10.1	92.6	7.4
Other faculty, no rank or tenure	26,800	94.5	5.5	94.2	5.8
Postdoctoral scholar	36,400	62.1	37.9	48.8	51.2
Research scientist or nonfaculty researcher	10,900	77.5	22.5	82.6	17.4
Other positions	13,800	96.9	3.1	96.6	3.4
Employment setting					
Academic institution <sup>b</sup>	178,900	87.1	12.9	84.2	15.8
Very high research activity university	83,000	79.2	20.8	75.6	24.4
High research activity university	27,500	92.2	7.8	89.0	11.0
Other college or university	68,500	94.7	5.3	92.7	7.3
FFRDC	7,800	75.7	24.3	70.3	29.7
Doctoral degree type					
Professional degree or doctoral equivalent <sup>c</sup>	15,700	97.2	2.8	96.8	3.2
Research degree	171,100	85.7	14.3	82.4	17.6
Years since doctoral degree					
1 year or less	36,900	84.6	15.4	68.6	31.4
2–5 years	82,800	85.5	14.5	80.9	19.1
6–10 years	67,000	89.1	10.9	95.2	4.8
Field of doctoral degree					
Science and engineering	112,600	80.6	19.4	77.0	23.0
Biological, agricultural, and environmental life sciences	28,900	70.9	29.1	70.2	29.8
Agricultural and environmental life sciences	3,900	78.0	22.0	71.0	29.0
Biological and biomedical sciences	24,900	69.7	30.3	70.0	30.0
Engineering	17,200	84.1	15.9	73.9	26.1
Mathematics and computer sciences	12,100	83.5	16.5	73.9	26.1
Computer and information sciences	5,900	80.8	19.2	71.9	28.1
Mathematics and statistics	6,200	86.1	13.9	75.7	24.3
Multidisciplinary fields and science and engineering related fields	2,600	77.4	22.6	87.8	12.2
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	20,600	71.8	28.2	67.8	32.2
Psychology and social sciences	31,200	92.7	7.3	91.4	8.6
Psychology	8,700	94.4	5.6	96.2	3.8
Social sciences	22,400	92.1	7.9	89.6	10.4
Health	13,400	93.1	6.9	92.3	7.7
Non-science and engineering	60,700	96.4	3.6	94.0	6.0
Education	21,100	98.6	1.4	97.0	3.0

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		U.S. degree	Non-U.S. degree	U.S. citizen or permanent resident	Temporary visa holder
Humanities	15,700	96.0	4.0	95.7	4.3
Other non-science and engineering	23,900	94.7	5.3	90.1	9.9

FFRDC = federally funded research and development center.

<sup>a</sup> Other faculty, no rank or tenure, positions includes all other faculty positions such as instructors, lecturers, and adjuncts. Postdoctoral scholar 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.

<sup>b</sup> 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.

<sup>c</sup> 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.