

Table 8-19

Statistical profile of research doctorate recipients, by ethnicity, race, and citizenship status: 2021

(Number, percent, and median years)

Characteristic	Total ^a	U.S. citizen	Non-U.S. citizen	Not Hispanic or Latino														Ethnicity not reported	
				Hispanic or Latino		American Indian or Alaska Native		Asian		Black or African American		White		More than one race		Other race or race not reported			
				U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen
All doctorate recipients (number)	52,250	31,674	17,638	2,856	1,148	100	D	3,022	11,551	2,431	593	21,333	3,341	1,088	D	376	500	468	386
Primary source of support (%) ^b																			
Teaching assistantships	21.3	19.5	24.4	18.4	23.1	10.3	D	17.0	24.8	10.6	28.6	21.0	23.3	18.9	D	21.3	18.1	23.4	21.6
Research or other assistantships or traineeships ^c	34.7	27.6	47.4	20.6	32.5	13.8	D	35.1	53.0	13.2	35.1	29.4	36.9	23.9	D	24.1	33.5	21.1	47.1
Fellowships, scholarships, or dissertation grants	24.2	27.0	19.4	34.4	30.3	36.8	D	31.6	16.1	25.8	16.3	25.1	26.2	33.7	D	25.9	28.5	24.0	19.6
Own resources	15.3	21.3	4.4	23.2	2.1	33.3	D	13.4	4.1	44.3	15.4	19.6	4.0	20.7	D	22.4	4.5	26.3	5.9
Employer or other sources	4.5	4.6	4.5	3.4	12.1	5.7	D	2.9	2.0	6.0	4.5	4.8	9.6	2.8	D	6.3	15.4	5.3	5.9
Bachelor's in same field as doctorate (%) ^d	61.7	61.4	64.0	61.1	65.5	47.3	D	60.6	64.3	46.2	54.7	63.7	64.5	58.2	D	56.7	58.7	51.5	56.8
Master's earned (%)	75.1	73.0	80.3	71.7	84.1	90.2	D	69.0	76.7	86.5	86.9	72.0	89.5	70.8	D	79.5	88.2	84.1	80.3
Master's earned at same doctorate institution (%)	45.7	51.3	36.5	52.7	42.7	48.8	D	50.4	38.0	39.2	33.8	52.7	30.8	56.1	D	48.6	30.8	52.7	35.5
Marital status (%)																			
Not married ^e	38.3	36.0	48.7	36.3	44.2	36.0	D	39.2	52.7	46.6	41.3	34.8	47.0	39.4	D	27.9	18.6	11.5	9.1
Married or in marriage-like relationship	49.5	56.9	44.2	55.7	51.8	51.0	D	55.0	43.5	44.4	52.8	59.9	49.1	56.0	D	44.4	22.2	17.7	14.2
Unknown	12.2	7.1	7.1	7.9	4.0	13.0	D	5.8	3.8	9.0	5.9	5.4	3.9	4.6	D	27.7	59.2	70.7	76.7
Has dependent age 18 or younger (%)	21.3	22.8	18.7	22.7	17.8	35.6	D	21.0	16.0	32.7	45.1	22.0	22.6	20.0	D	25.0	29.6	23.0	26.7
Has one or more functional limitations (%)	11.3	12.8	8.5	17.0	11.3	19.5	D	10.2	8.4	12.2	6.0	12.5	8.4	15.3	D	17.4	7.0	10.5	9.4
Age at doctorate (median years)	31.4	31.7	31.1	31.8	32.9	37.3	38.8	31.3	30.5	36.6	35.4	31.4	32.3	31.1	31.4	32.9	31.5	33.8	32.2
Time to doctorate (median years)																			
Years since earning bachelor's degree	8.7	9.0	8.3	8.6	9.4	11.0	14.3	8.6	8.0	12.3	11.3	8.6	9.4	8.3	9.0	10.0	9.1	10.3	9.6
From graduate school start	7.3	7.3	7.3	7.3	7.8	8.8	9.0	7.0	7.0	9.8	8.3	7.0	8.0	6.9	7.3	8.2	8.1	8.0	7.8
From doctoral program start ^f	5.7	5.8	5.3	5.8	5.7	6.0	5.0	5.8	5.3	5.8	5.0	5.8	5.3	5.8	5.3	5.9	5.7	5.8	5.4
Received tuition remission (%)	84.5	83.2	87.0	79.8	82.5	72.7	D	85.6	90.6	66.1	78.3	85.3	79.3	85.0	D	78.5	71.4	84.2	78.9

D = suppressed to avoid disclosure of confidential information.

^a Includes doctorate recipients who did not report citizenship status.^b Percentages are based on the number of doctorate recipients who reported a primary source of financial support during graduate school.^c Includes research assistantships, other assistantships, traineeships, internships, or clinical residencies.^d A bachelor's degree is counted as in same field as doctorate if the fields of study of the doctorate recipient's first or most recent bachelor's degree and doctoral degree are both in the same broad field category.^e Not married includes never married, separate, divorced, or widowed.^f Time to doctorate from doctoral program start is based on master's program entry if the master's degree was at the doctoral institution in the same field of study or was a prerequisite to the doctorate; otherwise, it is based on doctoral program entry date.**Note(s):**

U.S. citizen refers to U.S. citizens and permanent residents. Non-U.S. citizen refers to temporary visa holders. Due to rounding, percentages may not sum to 100.

Source(s):

National Center for Science and Engineering Statistics, Survey of Earned Doctorates.