

Table 8-19

Statistical profile of research doctorate recipients, by ethnicity, race, and citizenship status: 2022

(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)	57,596	35,311	19,633	3,354	1,262	98	8	3,586	12,862	2,647	740	23,320	3,551	1,210	124	425	532	671	554
Primary source of support (%) ^b																			
Teaching assistantships	21.7	19.8	25.0	19.0	24.6	13.9	D	19.3	25.1	10.5	29.6	21.0	24.4	19.6	17.5	23.4	D	20.8	30.7
Research or other assistantships or traineeships ^c	35.0	27.9	47.7	21.4	34.8	12.7	D	33.9	52.6	14.2	37.8	29.6	38.7	26.5	29.2	23.8	D	30.4	39.3
Fellowships, scholarships, or dissertation grants	24.6	27.6	19.3	36.3	28.7	45.6	D	31.1	16.5	27.8	18.0	25.5	25.0	33.6	38.3	24.8	D	25.0	24.3
Own resources	14.6	20.3	4.3	19.9	3.2	24.1	D	13.3	4.0	41.7	12.5	19.2	4.0	17.0	5.0	22.3	D	20.2	4.3
Employer or other sources	4.1	4.3	3.7	3.4	8.6	3.8	12.5	2.5	1.9	5.8	2.1	4.6	7.8	3.3	10.0	5.7	15.3	3.6	1.4
Bachelor's in same field as doctorate (%) ^d	61.5	62.0	62.4	62.7	67.9	51.2	D	60.6	61.9	47.2	59.4	64.0	64.1	64.3	D	53.5	D	48.5	50.0
Master's earned (%)	73.6	71.0	79.5	70.5	81.7	88.1	D	67.4	76.1	87.0	86.6	70.0	89.2	65.4	82.6	76.4	D	74.1	80.6
Master's earned at same doctorate institution (%)	44.8	50.3	36.2	52.0	40.5	43.2	D	49.0	37.6	40.0	33.7	51.4	30.9	56.5	35.0	49.6	D	46.8	34.4
Marital status (%)																			
Not married ^e	39.9	37.2	50.1	38.7	42.5	34.7	D	41.0	54.9	47.6	44.7	35.9	47.9	42.9	48.4	25.2	D	9.4	9.7
Married or in marriage-like relationship	48.5	55.3	42.5	54.5	53.7	46.9	D	51.9	41.4	43.7	51.5	59.0	48.5	53.7	49.2	38.4	D	9.1	11.2
Unknown	11.6	7.5	7.4	6.8	3.8	18.4	0.0	7.1	3.7	8.7	3.8	5.1	3.6	3.4	2.4	36.5	63.9	81.5	79.1
Has dependent age 18 or younger (%)	20.1	22.0	16.5	21.2	16.6	37.5	D	20.1	13.7	31.5	42.4	21.4	20.4	18.3	24.4	29.9	D	16.1	23.9
Has one or more functional limitations (%)	13.2	14.9	10.2	20.4	13.0	16.5	D	11.2	10.0	13.8	8.4	14.5	10.2	18.1	13.2	19.4	D	13.9	9.3
Age at doctorate (median years)	31.4	31.6	31.2	31.8	32.8	36.5	D	31.2	30.6	36.0	34.6	31.3	32.2	30.9	33.0	33.0	D	32.1	31.6
Time to doctorate (median years)																			
Years since earning bachelor's degree	8.6	8.8	8.4	8.6	9.4	10.9	D	8.6	8.0	12.0	10.8	8.6	9.3	8.3	10.0	9.3	9.0	9.3	9.0
From graduate school start	7.2	7.1	7.3	7.3	7.8	9.3	D	7.0	7.0	9.7	7.9	7.0	7.9	6.8	7.9	7.9	8.0	7.8	7.0
From doctoral program start ^f	5.7	5.8	5.3	5.8	5.8	6.5	D	5.8	5.3	5.8	5.0	5.8	5.3	5.8	5.8	6.0	5.4	5.8	5.3
Received tuition remission (%)	85.4	83.8	88.5	81.6	86.5	71.3	D	87.0	91.3	67.5	84.5	85.5	81.6	86.6	75.2	77.7	D	76.3	86.7

D = suppressed to avoid disclosure of confidential information.

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