

Table 72

Statistical profile of doctorate recipients, by ethnicity, race, and citizenship status: 2019

(Number, percent, and median years)

Characteristics	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)	55,703	35,274	18,351	2,848	1,149	120	5	3,421	11,731	2,512	572	24,248	3,775	1,121	144	381	477	623	498
Primary source of support (%) ^b																			
Teaching assistantships	21.4	20.2	23.5	19.2	20.8	11.9	0.0	19.0	24.2	12.1	23.6	21.5	23.0	18.1	20.1	18.9	18.4	18.6	17.6
Research or other assistantships or traineeships ^c	33.4	26.8	46.2	19.1	27.1	12.9	D	34.4	52.6	14.5	36.9	28.0	35.0	24.6	D	21.5	29.6	25.6	38.5
Fellowships, scholarships, or dissertation grants	24.8	27.5	19.6	35.9	27.7	45.5	0.0	31.6	16.2	26.1	21.8	25.6	26.3	34.3	30.9	30.6	29.1	25.6	30.8
Own resources	15.2	21.1	3.9	22.5	3.4	23.8	D	11.6	3.8	41.8	12.5	20.2	3.2	20.0	D	21.9	3.9	23.3	3.3
Employer	2.7	3.9	0.6	2.5	0.5	5.0	0.0	2.9	0.4	4.7	1.5	4.1	0.8	2.9	0.0	4.5	1.1	7.0	2.2
Other	2.5	0.6	6.2	0.9	20.6	1.0	D	0.5	2.8	0.7	3.7	0.6	11.6	0.2	D	2.6	17.9	0.0	7.7
Postgraduation status (number) ^d																			
Definite postgraduation study	13,462	8,477	4,947	726	349	26	D	820	3,341	371	130	6,140	1,015	311	D	57	39	26	32
Definite employment	21,628	14,602	6,945	1,050	409	52	D	1,302	4,591	1,166	209	10,368	1,536	450	D	143	99	71	40
Seeking employment or study	14,086	9,098	4,954	803	328	25	D	971	3,313	733	206	6,155	1,008	300	D	73	39	38	21
Other status ^e	1,685	1,291	370	108	15	2	D	203	198	107	15	787	120	50	D	22	13	12	5
Postgraduation study plans (%) ^f	38.4	36.7	41.6	40.9	46.0	33.3	D	38.6	42.1	24.1	38.3	37.2	39.8	40.9	D	28.5	28.3	26.8	44.4
Postgraduation employment plans (%) ^g																			
Academe	43.4	45.7	38.8	48.8	50.4	46.2	D	34.5	33.2	44.9	48.8	46.9	49.3	44.7	D	48.3	46.5	38.0	47.5

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				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
Government	7.6	9.2	4.2	8.6	8.6	15.4	0.0	7.6	3.3	11.9	9.6	9.2	4.2	10.0	D	3.5	D	11.3	7.5
Industry or business ^h	36.5	29.3	51.6	26.2	32.3	15.4	0.0	46.9	59.1	17.7	31.1	28.8	40.2	29.3	23.3	28.7	32.3	32.4	37.5
Nonprofit	6.1	7.6	3.0	8.2	4.4	11.5	0.0	6.4	2.8	10.5	6.2	7.4	2.8	8.2	D	6.3	D	4.2	0.0
Other or unknown plans ⁱ	6.4	8.2	2.4	8.3	4.4	11.5	D	4.6	1.6	15.0	4.3	7.7	3.5	7.8	5.0	13.3	D	14.1	7.5
Employment location (%) ^j																			
United States	89.8	98.0	72.6	98.2	58.4	98.1	0.0	96.8	78.4	99.6	64.1	98.1	63.0	96.7	51.7	95.8	44.4	95.8	70.0
Not United States	10.1	2.0	27.3	1.8	41.6	0.0	D	3.2	21.6	0.4	35.9	1.9	36.8	3.3	D	4.2	54.5	4.2	27.5
Unknown	0.1	0.0	0.1	0.0	0.0	1.9	D	0.0	0.0	0.0	0.0	0.0	0.2	0.0	D	0.0	1.0	0.0	2.5
Age at doctorate (median years)	31.5	31.8	31.1	32.3	33.2	36.3	D	31.1	30.4	36.1	34.7	31.6	32.3	31.3	31.8	32.8	31.2	33.0	31.9
Time to degree (median years)																			
From bachelor's	8.7	9.0	8.3	9.0	9.5	11.4	D	8.5	7.9	12.0	10.7	8.8	9.3	8.5	9.0	10.0	8.6	10.0	8.6
From graduate school start	7.5	7.3	7.7	7.5	8.2	9.3	D	7.2	7.3	9.8	8.0	7.3	8.3	7.1	7.3	8.6	8.3	8.5	7.0
From doctoral program start ^k	5.8	5.8	5.3	5.9	5.3	6.5	D	5.8	5.3	5.9	5.0	5.8	5.3	5.8	5.6	6.0	5.3	5.8	5.7

D = suppressed to avoid disclosure of confidential information.

^a Includes respondents who did not report their citizenship.

^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, and internships or clinical residencies.

^d Includes only respondents who reported postgraduation status.

^e Includes respondents who indicated having no plans to work or study, respondents indicating another type of postgraduation plan, and respondents indicating definite plans for another full-time degree program.

^f Excludes respondents who indicated plans for another full-time degree program. Percentages are based on the number of doctorate recipients reporting definite postgraduation plans and type of plans.

^g Percentages are based on the number of doctorate recipients who reported definite postgraduation plans for employment.

^h Includes doctorate recipients who indicated self-employment.

ⁱ "Other" is mainly composed of elementary and secondary schools.

^j Percentages are based on the number of doctorate recipients who reported definite postgraduation plan for employment and the location of employment.

^k 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 fine 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.