TABLE 72

Statistical profile of doctorate recipients, by ethnicity, race, and citizenship status: 2018

(Number, percent, and median years)

Characteristics	Total ^a	U.S. citizen	Non- U.S. citizen			Not Hispanic or Latino													
				Hispanic or Latino		American Indian or Alaska Native		Asian		Black or African American		White		More than one race		Other race or race not reported		Ethnicity 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)	55,195	35,404	17,604	2,582	1,017	115	D	3,305	11,475	2,456	596	24,951	3,600	1,102	D	371	477	522	327
Primary source of support (%) ^b																			
Teaching assistantships	21.5	20.6	23.5	18.3	19.8	8.2	0.0	18.8	24.1	10.8	28.3	22.1	22.5	19.2	19.3	18.4	16.3	18.2	14.1
Research or other assistantships or traineeships ^c	33.0	26.4	46.4	18.8	26.3	D	0.0	33.7	52.1	15.0	30.9	27.5	38.0	25.0	30.3	D	26.9	26.4	53.8
Fellowships, scholarship, or dissertation grants	25.3	27.8	20.1	37.3	31.6	37.8	D	32.0	16.8	27.9	22.2	26.0	26.3	34.2	33.0	26.5	D	24.5	19.2
Own resources	15.2	20.7	4.0	21.3	3.3	32.7	0.0	12.3	3.5	41.2	15.4	19.8	3.4	17.8	D	30.1	D	23.3	6.4
Employer	2.9	4.0	0.6	3.5	1.3	D	0.0	2.8	0.4	4.4	0.9	4.2	0.9	3.0	0.0	D	1.9	6.9	1.3
Other source	2.1	0.5	5.4	0.8	17.6	0.0	0.0	0.4	3.0	0.8	2.3	0.5	8.9	0.9	13.8	1.5	20.0	0.6	5.1
Postgraduation status (number) ^d																			
Definite postgraduation study	13,219	8,487	4,692	644	281	13	0	855	3,162	394	111	6,199	1,047	294	30	55	34	33	27
Definite employment	21,070	14,457	6,537	983	392	54	0	1,173	4,417	1,065	215	10,489	1,360	472	39	146	88	75	26
Seeking employment or study	14,479	9,498	4,962	717	292	31	D	978	3,354	791	227	6,579	986	285	D	67	43	50	19
Other status ^e	1,568	1,209	339	96	24	3	0	174	188	85	13	768	98	49	2	24	8	10	6
Postgraduation study plans (%) ^f	38.6	37.0	41.8	39.6	41.8	19.4	0.0	42.2	41.7	27.0	34.0	37.1	43.5	38.4	43.5	27.4	27.9	30.6	50.9
Postgraduation employment plans (%) ^g																			

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				Hispanic or Latino		American Indian or Alaska Native		Asian		Black or African American		White		More than one race		Other race or race not reported			city not orted
				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
Academe	45.0	47.7	39.0	53.9	56.1	59.3	0.0	36.7	33.6	43.9	49.3	48.6	48.8	51.3	48.7	41.1	55.7	46.7	42.3
Government	7.2	8.7	4.0	8.6	9.9	9.3	0.0	7.2	3.1	13.7	6.0	8.2	4.5	10.4	D	8.9	D	9.3	3.8
Industry or business ^h	35.0	27.7	51.3	21.2	25.3	D	0.0	44.7	58.9	17.7	27.9	27.6	40.1	24.2	30.8	D	29.5	28.0	38.5
Nonprofit	6.2	7.5	3.4	6.5	4.8	D	0.0	7.6	2.7	8.5	11.6	7.5	3.7	7.0	0.0	D	2.3	2.7	7.7
Other or unknown plans ⁱ	6.6	8.5	2.3	9.8	3.8	7.4	0.0	3.8	1.7	16.2	5.1	8.1	2.9	7.2	D	10.3	D	13.3	7.7
Employment location (%) ^j																			
United States	89.8	97.8	72.3	99.0	55.6	100.0	0.0	95.8	77.3	98.9	60.5	97.8	65.1	97.0	56.4	95.2	42.0	94.7	80.8
Not United States	10.2	2.2	27.7	1.0	44.4	0.0	0.0	4.2	22.7	1.0	39.5	2.2	34.9	3.0	43.6	4.8	58.0	1.3	19.2
Unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
Age at doctorate (median years)	31.4	31.8	30.9	32.3	33.4	36.3	D	31.1	30.3	36.0	35.2	31.6	32.0	31.3	31.5	32.3	31.4	32.8	31.6
Time to degree (median years)																			
From bachelor's	8.6	9.0	8.3	8.9	9.8	11.3	D	8.6	7.9	11.6	10.8	8.7	9.0	8.6	8.3	9.6	8.9	9.4	8.6
From graduate school start	7.3	7.3	7.5	7.5	8.3	9.3	D	7.3	7.1	9.7	8.4	7.3	8.2	7.0	7.3	8.3	7.9	8.0	6.8
From doctoral program start ^k	5.8	5.8	5.3	5.9	5.3	6.0	D	5.8	5.3	5.9	5.0	5.8	5.3	5.8	5.7	5.8	5.7	5.9	5.1

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.

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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.

^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.