

TABLE 7-24

Carnegie classification (2015) of doctorate-granting institution of U.S. citizens and permanent resident S&E doctorate recipients, by S&E field, sex, ethnicity, race, and disability status: 2017

(Percent distribution)

Sex, ethnicity, race, disability status, and field	Total (number)	All institutions	Doctoral: Highest research	Doctoral: Higher research	Doctoral: Moderate research	Medical schools and centers	Other or unknown Carnegie group
All S&E doctorate recipients <sup>a</sup>	24,025	100.0	77.0	14.2	3.7	2.9	2.2
Male	13,094	100.0	79.6	13.3	2.9	2.3	1.8
Female	10,930	100.0	73.9	15.2	4.7	3.5	2.7
Hispanic or Latino <sup>b</sup>	1,674	100.0	75.4	13.3	3.4	5.1	2.8
Not Hispanic or Latino							
American Indian or Alaskan Native	62	100.0	58.1	24.2	11.3	D	D
Asian	2,745	100.0	83.0	8.8	2.4	3.7	2.1
Black or African American	1,215	100.0	57.0	22.6	13.1	4.2	3.1
White	16,721	100.0	77.4	14.7	3.4	2.5	2.0
More than one race	712	100.0	80.5	12.1	2.0	D	D
Other race or race not reported	308	100.0	81.8	10.7	2.6	1.9	2.9
Ethnicity not reported	588	100.0	79.8	13.6	3.1	1.4	2.2
Without disability	20,076	100.0	77.6	14.1	3.5	3.1	1.8
With disability	1,788	100.0	76.6	14.2	4.7	2.6	1.8
Science <sup>a</sup>	19,732	100.0	75.7	14.4	4.2	3.4	2.4
Male	9,886	100.0	78.4	13.4	3.2	3.0	2.0
Female	9,845	100.0	73.0	15.3	5.1	3.8	2.9
Hispanic or Latino <sup>b</sup>	1,391	100.0	74.3	12.7	D	D	3.1
Not Hispanic or Latino							
American Indian or Alaskan Native	52	100.0	D	D	D	D	D
Asian	2,022	100.0	81.2	9.2	D	D	2.6
Black or African American	1,046	100.0	54.7	22.6	D	4.9	D
White	13,935	100.0	76.3	14.8	3.7	2.9	2.3
More than one race	599	100.0	78.8	12.4	2.3	D	D
Other race or race not reported	242	100.0	D	D	D	2.5	3.3
Ethnicity not reported	445	100.0	78.2	13.9	D	1.8	D
Without disability	16,520	100.0	76.3	14.3	3.9	3.5	2.0
With disability	1,514	100.0	75.7	13.9	D	3.1	D
Engineering <sup>a</sup>	4,293	100.0	83.3	13.2	1.7	0.7	1.1
Male	3,208	100.0	83.6	13.0	1.9	0.4	1.1
Female	1,085	100.0	82.5	13.9	1.1	1.5	1.0
Hispanic or Latino <sup>b</sup>	283	100.0	80.6	16.6	D	D	1.4
Not Hispanic or Latino							
American Indian or Alaskan Native	10	100.0	D	D	D	0.0	0.0
Asian	723	100.0	88.1	7.6	D	D	0.8
Black or African American	169	100.0	71.6	22.5	D	0.0	D
White	2,786	100.0	82.8	13.9	1.8	0.5	1.0
More than one race	113	100.0	89.4	10.6	0.0	0.0	0.0
Other race or race not reported	66	100.0	D	D	D	0.0	1.5
Ethnicity not reported	143	100.0	84.6	12.6	D	0.0	D

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Without disability	3,556	100.0	83.4	13.2	1.7	0.8	0.9
With disability	274	100.0	81.8	15.7	D	0.0	D

D = suppressed to avoid disclosure of confidential information.

S&E = science and engineering.

<sup>a</sup> Total may include doctorate recipients who did not report sex and doctorate recipients for whom disability status is unknown; as a result, detail may not sum to total.

<sup>b</sup> Hispanic or Latino may be any race.

**Note(s)**

Includes all U.S. citizen and permanent resident S&E doctorate recipients; temporary visa holders are excluded. American Indian or Alaska Native doctorate recipients with unknown or refused citizenship status are counted as U.S. citizens and thus are included. Doctorate recipients could report more than one disability. Survey asks degree of difficulty—none, slight, moderate, severe, or unable to do—an individual has in seeing (with glasses), hearing (with hearing aid), walking without assistance, lifting 10 pounds, or concentrating, remembering, or making decisions. Respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability. Data in this table refer to research doctorates only and differ from doctoral degree data in this report that are based on the Integrated Postsecondary Education Data System Completions Survey. The greatest differences are in psychology, education, and medical or other health sciences.

**Source(s)**

National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2017.