

TABLE 7-5

## S&amp;E doctorate recipients reporting one or more disabilities, by broad field of study, sex, citizenship, ethnicity, and race: 2017

(Number and percent)

Demographic characteristic	All recipients <sup>a</sup> (number)	All disability respondents		With disability		Visual disabilities		Hearing disabilities		Walking disabilities		Lifting disabilities		Cognitive disabilities <sup>b</sup>		Without disability	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All S&E doctorate recipients <sup>c</sup>	39,435	34,940	100.0	2,713	7.8	1,222	3.5	436	1.2	146	0.4	222	0.6	1,205	3.4	32,227	92.2
Field of study																	
Science	29,690	26,348	100.0	2,084	7.9	835	3.2	337	1.3	118	0.4	175	0.7	1,006	3.8	24,264	92.1
Agricultural sciences	1,408	1,187	100.0	102	8.6	63	5.3	18	1.5	D	D	6	0.5	28	2.4	1,085	91.4
Biological sciences	8,588	7,921	100.0	567	7.2	214	2.7	79	1.0	32	0.4	34	0.4	301	3.8	7,354	92.8
Computer sciences	2,085	1,827	100.0	114	6.2	66	3.6	15	0.8	D	D	10	0.5	36	2.0	1,713	93.8
Earth, atmospheric, and ocean sciences	1,054	959	100.0	86	9.0	28	2.9	10	1.0	0	0.0	5	0.5	51	5.3	873	91.0
Mathematics and statistics	1,856	1,638	100.0	145	8.9	71	4.3	22	1.3	11	0.7	18	1.1	56	3.4	1,493	91.1
Physical sciences	5,005	4,525	100.0	335	7.4	136	3.0	65	1.4	12	0.3	15	0.3	167	3.7	4,190	92.6
Psychology	3,960	3,261	100.0	280	8.6	75	2.3	43	1.3	17	0.5	22	0.7	163	5.0	2,981	91.4
Social sciences	5,734	5,030	100.0	455	9.0	182	3.6	85	1.7	41	0.8	65	1.3	204	4.1	4,575	91.0
Engineering	9,745	8,592	100.0	629	7.3	387	4.5	99	1.2	28	0.3	47	0.5	199	2.3	7,963	92.7
Sex																	
Male	23,108	20,769	100.0	1,566	7.5	765	3.7	291	1.4	75	0.4	82	0.4	658	3.2	19,203	92.5
Female	16,309	14,170	100.0	1,147	8.1	457	3.2	145	1.0	71	0.5	140	1.0	547	3.9	13,023	91.9
Citizenship																	
U.S. citizens and permanent residents	24,025	21,864	100.0	1,788	8.2	483	2.2	343	1.6	101	0.5	127	0.6	1,030	4.7	20,076	91.8
Temporary visa holders	13,734	13,023	100.0	919	7.1	737	5.7	89	0.7	44	0.3	94	0.7	174	1.3	12,104	92.9
Ethnicity and race																	
Hispanic or Latino <sup>d</sup>	2,486	2,310	100.0	229	9.9	92	4.0	38	1.6	10	0.4	13	0.6	120	5.2	2,081	90.1
Not Hispanic or Latino																	
American Indian or Alaska Native	64	57	100.0	8	14.0	5	8.8	D	D	D	D	D	D	D	D	49	86.0
Asian	12,147	11,486	100.0	825	7.2	667	5.8	71	0.6	37	0.3	68	0.6	146	1.3	10,661	92.8
Black or African American	1,619	1,489	100.0	92	6.2	47	3.2	14	0.9	10	0.7	14	0.9	29	1.9	1,397	93.8
White	19,482	18,478	100.0	1,441	7.8	374	2.0	288	1.6	82	0.4	113	0.6	836	4.5	17,037	92.2
More than one race	783	768	100.0	77	10.0	21	2.7	12	1.6	D	D	6	0.8	55	7.2	691	90.0
Other race or race not reported	559	254	100.0	22	8.7	9	3.5	D	D	1	0.4	D	D	D	D	232	91.3
Ethnicity not reported	2,295	98	100.0	19	19.4	7	7.1	6	6.1	2	2.0	0	0.0	7	7.1	79	80.6

TABLE 7-5

S&E doctorate recipients reporting one or more disabilities, by broad field of study, sex, citizenship, ethnicity, and race: 2017

(Number and percent)

D = suppressed to avoid disclosure of confidential information.

S&E = science and engineering.

<sup>a</sup> Includes doctorate recipients for whom disability status is unknown.

<sup>b</sup> Includes disabilities in concentrating, remembering, or making decisions because of a physical, mental, or emotional condition.

<sup>c</sup> Total may include doctorate recipients who did not report sex and those who did not report citizenship; as a result, detail may not sum to total.

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

**Note(s)**

Percentages are based on doctorate recipients who answered the disability question. 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. Those respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability. Data in this table are based on 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.