

Table 2-6

S&E doctorate recipients reporting one or more disabilities, by broad field of study, sex, citizenship, ethnicity, and race: 2021

(Number and percent)

Demographic characteristic	All recipients ^a (number)	All disability respondents		With disability		Visual disabilities		Hearing disabilities		Walking disabilities		Lifting disabilities		Cognitive disabilities ^b		Without disability	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Field of study																	
S&E ^c	41,356	36,297	100.0	3,903	10.8	1,368	3.8	466	1.3	187	0.5	284	0.8	2,318	6.4	32,394	89.2
Science ^d	31,793	27,943	100.0	3,217	11.5	1,003	3.6	372	1.3	155	0.6	221	0.8	2,029	7.3	24,726	88.5
Agricultural sciences and natural resources	1,223	1,056	100.0	117	11.1	57	5.4	21	2.0	6	0.6	9	0.9	56	5.3	939	88.9
Biological and biomedical sciences	8,259	7,478	100.0	887	11.9	222	3.0	114	1.5	34	0.5	38	0.5	622	8.3	6,591	88.1
Computer and information sciences	2,195	1,867	100.0	184	9.9	89	4.8	19	1.0	11	0.6	19	1.0	81	4.3	1,683	90.1
Geosciences, atmospheric, and ocean sciences	1,044	945	100.0	105	11.1	30	3.2	16	1.7	9	1.0	11	1.2	69	7.3	840	88.9
Health sciences ^e	2,582	2,229	100.0	235	10.5	85	3.8	34	1.5	16	0.7	22	1.0	129	5.8	1,994	89.5
Mathematics and statistics	1,915	1,701	100.0	171	10.1	67	3.9	21	1.2	7	0.4	13	0.8	89	5.2	1,530	89.9
Multidisciplinary/interdisciplinary sciences	1,299	1,135	100.0	123	10.8	43	3.8	11	1.0	5	0.4	7	0.6	76	6.7	1,012	89.2
Physical sciences	4,811	4,308	100.0	444	10.3	144	3.3	46	1.1	11	0.3	18	0.4	277	6.4	3,864	89.7
Psychology	3,716	2,989	100.0	392	13.1	90	3.0	42	1.4	21	0.7	28	0.9	277	9.3	2,597	86.9
Social sciences	4,749	4,235	100.0	559	13.2	176	4.2	48	1.1	35	0.8	56	1.3	353	8.3	3,676	86.8
Engineering	9,563	8,354	100.0	686	8.2	365	4.4	94	1.1	32	0.4	63	0.8	289	3.5	7,668	91.8
Sex																	
Male	23,408	20,663	100.0	2,019	9.8	807	3.9	278	1.3	95	0.5	122	0.6	1,107	5.4	18,644	90.2
Female	17,939	15,632	100.0	1,882	12.0	561	3.6	188	1.2	92	0.6	162	1.0	1,209	7.7	13,750	88.0
Citizenship																	
U.S. citizens and permanent residents	23,906	22,234	100.0	2,756	12.4	612	2.8	365	1.6	143	0.6	164	0.7	1,944	8.7	19,478	87.6
Temporary visa holders	15,259	14,026	100.0	1,146	8.2	755	5.4	101	0.7	44	0.3	120	0.9	374	2.7	12,880	91.8
Ethnicity and race																	
Hispanic or Latino ^f	3,124	2,910	100.0	440	15.1	154	5.3	52	1.8	17	0.6	24	0.8	295	10.1	2,470	84.9
Not Hispanic or Latino																	
American Indian or Alaska Native	70	61	100.0	15	24.6	6	9.8	D	4.9	0	0.0	D	1.6	10	16.4	46	75.4
Asian	12,869	12,216	100.0	1,028	8.4	690	5.6	93	0.8	41	0.3	85	0.7	334	2.7	11,188	91.6

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		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Black or African American	1,921	1,768	100.0	187	10.6	86	4.9	18	1.0	14	0.8	16	0.9	88	5.0	1,581	89.4
White	18,998	18,008	100.0	2,072	11.5	392	2.2	277	1.5	104	0.6	141	0.8	1,479	8.2	15,936	88.5
More than one race	928	889	100.0	111	12.5	22	2.5	12	1.3	7	0.8	8	0.9	79	8.9	778	87.5
Other race or race not reported	718	349	100.0	41	11.7	12	3.4	D	1.7	1	0.3	D	1.4	29	8.3	308	88.3
Ethnicity not reported	2,728	96	100.0	9	9.4	6	6.3	5	5.2	3	3.1	4	4.2	4	4.2	87	90.6

D = suppressed to avoid disclosure of confidential information.

S&E = science and engineering.

^a Includes doctorate recipients for whom disability status is unknown.^b Includes disabilities in concentrating, remembering, or making decisions because of a physical, mental, or emotional condition.^c 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.^d The fields presented under science contain both broad and selected subordinate fields of study. As a result, detail does not sum to the total.^e In previous years, health sciences was classified as non-S&E.^f Hispanic or Latino may be any race; race categories exclude Hispanic origin.**Note(s):**

Race and ethnicity data are for U.S. citizens, permanent residents, and temporary visa holders. 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, which are fields with many professional doctorates.

Source(s):

National Center for Science and Engineering Statistics, special tabulations (2022) of the 2021 Survey of Earned Doctorates.