

Table 7-4**Doctorate recipients, by selected field and disability status: 2019**

(Number and percent)

Field	All recipients (number) ^a	All disability respondents (number)	Without disability		With disability	
			Number	Percent	Number	Percent
All fields	55,703	49,318	44,840	90.92	4,478	9.08
S&E	42,980	38,339	35,047	91.41	3,292	8.59
Science ^b	32,677	29,199	26,559	90.96	2,640	9.04
Agricultural sciences and natural resources	1,491	1,338	1,213	90.66	125	9.34
Biological and biomedical sciences	8,702	8,063	7,346	91.11	717	8.89
Computer and information sciences	2,228	1,970	1,849	93.86	121	6.14
Geosciences, atmospheric sciences, and ocean sciences	1,274	1,168	1,063	91.01	105	8.99
Health sciences ^c	2,588	2,253	2,065	91.66	188	8.34
Mathematics and statistics	2,012	1,793	1,624	90.57	169	9.43
Physical sciences and earth sciences	6,585	5,962	5,450	91.41	512	8.59
Chemistry	2,941	2,636	2,426	92.03	210	7.97
Physics and astronomy	2,370	2,158	1,961	90.87	197	9.13
Psychology	3,936	3,245	2,921	90.02	324	9.98
Social sciences	5,135	4,575	4,091	89.42	484	10.58
Economics	1,247	1,076	1,009	93.77	67	6.23
Political science and government	707	626	570	91.05	56	8.95
Sociology	633	581	508	87.44	73	12.56
Other social sciences	2,103	1,891	1,656	87.57	235	12.43
Engineering	10,303	9,140	8,488	92.87	652	7.13
Aerospace, aeronautical, and astronautical engineering	379	322	305	94.72	17	5.28
Bioengineering and biomedical engineering	1,164	1,061	977	92.08	84	7.92
Chemical engineering	981	880	827	93.98	53	6.02
Civil engineering	701	586	551	94.03	35	5.97
Electrical, electronics, and communications engineering	1,799	1,599	1,483	92.75	116	7.25
Industrial and manufacturing engineering	234	201	187	93.03	14	6.97
Materials science engineering	992	876	826	94.29	50	5.71
Mechanical engineering	1,533	1,339	1,247	93.13	92	6.87
Other engineering	2,520	2,276	2,085	91.61	191	8.39
Non-S&E	12,723	10,979	9,793	89.20	1,186	10.80

S&E = science and engineering.

^a Includes doctorate recipients for whom disability status is unknown.^b The fields presented under science contain both broad and selected subordinate fields of study. As a result, detail does not sum to the total.^c In previous years, health sciences was classified as non-S&E.**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, which are fields with many professional doctorates.

Source(s):

National Center for Science and Engineering Statistics, special tabulations (2020) of the 2019 Survey of Earned Doctorates.