

Table 6-5

Male research doctorate recipients with definite postgraduation commitments, by major field of doctorate: 2021

(Number)

Field of doctorate	All doctorate recipients	Doctorate recipients with definite commitments	Location of definite commitments						
			United States					Abroad	Unknown
			Total	Postdoctoral study	Academic employment	Industry employment ^a	Other ^b		
Male doctorate recipients reporting postgraduation commitments	28,082	18,029	15,864	6,648	2,715	4,802	1,699	2,142	23
Science and engineering	23,408	15,296	13,560	6,282	1,565	4,563	1,150	1,716	20
Agricultural sciences and natural resources	602	383	325	154	47	90	34	57	1
Agricultural, animal, plant, and veterinary sciences	404	267	227	103	34	78	12	39	1
Natural resources and conservation	198	116	98	51	13	12	22	18	0
Biological and biomedical sciences	3,946	2,561	2,383	1,615	176	488	104	175	3
Biochemistry, biophysics, and molecular biology	718	474	444	314	13	102	15	30	0
Bioinformatics, biostatistics, and computational biology	329	236	217	86	24	92	15	19	0
Cell/ cellular biology and anatomy	311	191	179	136	9	31	3	11	1
Ecology, evolutionary biology, and epidemiology	395	266	241	163	D	D	25	25	0
Genetics and genomics	189	118	108	65	12	28	3	9	1
Microbiology and immunology	425	293	273	191	16	57	9	19	1
Neurobiology and neurosciences	458	298	280	219	17	38	6	18	0
Pharmacology and toxicology	147	84	79	52	D	D	4	5	0
Physiology, oncology and cancer biology	372	236	228	157	27	40	4	8	0
Biological and biomedical sciences, other	602	365	334	232	25	57	20	31	0
Computer and information sciences	1,669	1,186	1,072	233	178	601	60	111	3
Computer science	1,209	853	779	173	114	455	37	72	2
Computer and information sciences, other	460	333	293	60	64	146	23	39	1
Engineering	7,050	4,438	3,998	1,529	279	1,876	314	434	6
Biological, biomedical, and biosystems engineering	636	368	351	192	24	123	12	16	1
Chemical and petroleum engineering	912	536	487	224	D	237	D	49	0
Civil, environmental, and transportation engineering	703	428	364	173	28	121	42	64	0

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Electrical and computer engineering	1,681	1,132	1,030	229	77	653	71	100	2
Engineering technologies	322	212	177	67	D	89	D	35	0
Industrial engineering and operations research	434	310	274	60	53	130	31	36	0
Materials and mining engineering	459	263	237	126	D	100	D	25	1
Mechanical engineering	1,154	721	650	280	37	272	61	70	1
Engineering, other	749	468	428	178	35	151	64	39	1
Geosciences, atmospheric, and ocean sciences	583	409	367	233	32	51	51	42	0
Geological and earth sciences	359	242	217	127	18	42	30	25	0
Ocean/ marine sciences and atmospheric science	224	167	150	106	14	9	21	17	0
Health sciences	806	531	489	213	104	111	61	41	1
Nursing and nursing science	66	43	38	13	11	D	D	5	0
Pharmacy and pharmaceutical sciences	194	125	116	54	5	53	4	9	0
Public health	222	155	138	65	31	15	27	16	1
Health sciences, other	324	208	197	81	57	D	D	11	0
Mathematics and statistics	1,381	908	729	331	118	241	39	178	1
Applied mathematics	332	221	194	94	25	65	10	27	0
Mathematics	641	382	260	153	49	43	15	121	1
Statistics	408	305	275	84	44	133	14	30	0
Multidisciplinary/ interdisciplinary sciences	762	492	446	146	57	204	39	46	0
Interdisciplinary computer sciences	349	250	234	59	27	131	17	16	0
Multidisciplinary/ interdisciplinary sciences, other	413	242	212	87	30	73	22	30	0
Physical sciences	3,246	2,117	1,889	1,156	71	576	86	225	3
Astronomy and astrophysics	162	116	106	D	D	12	4	10	0
Chemistry	1,369	897	831	493	29	276	33	64	2
Materials sciences	299	189	166	D	D	54	10	23	0
Physics	1,416	915	786	483	30	234	39	128	1
Psychology	1,005	680	652	357	104	104	87	28	0
Clinical psychology	317	243	237	184	12	15	26	6	0
Counseling and applied psychology	334	226	217	83	45	47	42	9	0

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Research and experimental psychology	229	152	D	67	30	33	D	D	0
Psychology, other	125	59	D	23	17	9	D	D	0
Social sciences	2,358	1,591	1,210	315	399	221	275	379	2
Anthropology	117	63	53	28	16	5	4	10	0
Area, ethnic, cultural, gender, and group studies	135	84	69	23	D	D	11	14	1
Economics	870	673	451	107	115	128	101	221	1
Political science and government	339	211	173	65	D	D	28	38	0
Public policy analysis	169	107	94	10	29	16	39	13	0
Sociology, demography, and population studies	219	151	126	32	64	11	19	25	0
Social sciences, other	509	302	244	50	87	34	73	58	0
Non-science and engineering	4,674	2,733	2,304	366	1,150	239	549	426	3
Business	756	517	393	37	256	70	30	124	0
Business administration and management	259	161	123	9	78	26	10	38	0
Business, other	497	356	270	28	178	44	20	86	0
Education	1,111	708	646	55	312	38	241	61	1
Education leadership and administration	377	249	236	8	118	10	100	13	0
Education research	370	237	218	26	109	19	64	19	0
Teacher education	252	158	D	15	62	D	51	D	1
Education, other	112	64	D	6	23	D	26	D	0
Humanities	1,619	873	745	180	329	48	188	126	2
English language and literature, letters	363	193	178	D	103	D	20	15	0
Foreign languages, literatures, and linguistics	217	105	90	17	52	6	15	15	0
History	381	202	172	59	58	9	46	29	1
Philosophy and religious studies	379	209	170	47	77	11	35	38	1
Humanities, other	279	164	135	D	39	D	72	29	0
Visual and performing arts	349	153	127	19	63	22	23	26	0
Performing arts	263	113	97	11	D	D	20	16	0
Visual arts, media studies/ design	86	40	30	8	D	D	3	10	0
Other non-science and engineering	839	482	393	75	190	61	67	89	0
Communications and journalism	221	124	105	12	73	13	7	19	0
Multidisciplinary/ interdisciplinary studies	151	73	D	10	28	12	D	D	0

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Public administration and social services	159	100	84	17	30	5	32	16	0
Non-science and engineering, other	308	185	D	36	59	31	D	D	0

D = suppressed to avoid disclosure of confidential information.

^a Includes doctorate recipients who indicated self-employment.^b Includes doctorate recipients who indicated government, nonprofit, elementary or secondary school, or other employment and those with unknown employment.**Note(s):**

Definite postgraduate commitment includes doctorate recipients reporting definite postgraduation commitments for employment or postdoctoral study. Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and the new broad, major, and detailed fields were used in tables reporting only the most recent data year. Therefore, the field of doctorate data in 2021 may not be comparable to prior years; see the "Technical Notes" for more information, table A-4 for a summary of SED-CIP codes in the new SED field taxonomy, table A-5 for a full list of SED-CIP codes in the new field taxonomy, and table A-6 for the SED-CIP code crosswalk to the historical field taxonomy.

Source(s):

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