

Table 6-3. Temporary visa holder research doctorate recipients with definite postgraduation commitments, by major field of doctorate: 2024

(Number)

Field of doctorate	Temporary visa holder 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		
Temporary visa holder doctorate recipients reporting postgraduation commitments	19,371	13,099	10,830	5,011	1,874	3,541	404	2,248	21
Science and engineering	16,773	11,466	9,702	4,738	1,164	3,459	341	1,748	16
Agricultural sciences and natural resources	530	346	279	180	32	58	9	66	1
Agricultural, animal, plant, and veterinary sciences	390	250	D	D	24	51	1	D	0
Natural resources and conservation	140	96	D	D	8	7	8	D	1
Biological and biomedical sciences	2,383	1,595	1,444	1,037	94	269	44	150	1
Biochemistry, biophysics, and molecular biology	456	278	252	188	11	45	8	26	0
Bioinformatics, biostatistics, and computational biology	334	244	227	89	31	89	18	17	0
Biological and biomedical sciences, general	227	128	D	D	10	18	0	D	0
Cell/ cellular biology and anatomy	201	120	104	83	6	14	1	16	0
Ecology, evolutionary biology, and epidemiology	204	140	122	90	14	12	6	17	1
Genetics and genomics	105	82	74	D	D	18	3	8	0
Microbiology and immunology	194	142	123	D	D	13	2	19	0
Neurobiology and neurosciences	228	173	162	136	5	19	2	11	0
Pharmacology and toxicology	78	45	D	28	D	8	1	D	0
Physiology, oncology, and cancer biology	201	151	137	110	6	20	1	14	0
Biological and biomedical sciences, other	155	92	81	D	D	13	2	11	0
Computer and information sciences	1,498	1,063	953	251	175	506	21	108	2
Computer science	1,025	733	665	194	109	351	11	67	1
Computer and information sciences, other	473	330	288	57	66	155	10	41	1
Engineering	5,389	3,574	3,193	1,325	213	1,551	104	376	5
Aerospace, aeronautical, astronautical, and space engineering	236	143	D	D	17	52	0	D	1
Biological, biomedical, and biosystems engineering	383	241	226	148	7	65	6	15	0
Chemical and petroleum engineering	586	383	340	146	7	179	8	43	0
Civil, environmental, and transportation engineering	749	512	442	179	37	197	29	70	0
Electrical and computer engineering	1,311	899	827	251	61	494	21	69	3
Engineering technologies	260	171	D	D	8	81	3	D	0
Industrial engineering and operations research	365	257	D	D	43	98	11	D	0
Materials and mining engineering	394	268	D	D	5	113	7	D	0
Mechanical engineering	778	487	435	196	20	205	14	51	1
Engineering, other	327	213	D	D	8	67	5	D	0
Geosciences, atmospheric, and ocean sciences	349	258	210	156	11	38	5	47	1
Geological and earth sciences	211	155	122	82	6	30	4	32	1
Ocean, marine, and atmospheric sciences	138	103	88	74	5	8	1	15	0
Health sciences	623	409	304	169	45	71	19	104	1
Nursing and nursing science	74	47	17	D	D	0	1	30	0

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Pharmacy and pharmaceutical sciences	209	143	D	57	D	54	8	D	0
Public health	158	98	D	D	8	8	5	D	1
Health sciences, other	182	121	89	44	31	9	5	32	0
Mathematics and statistics	1,000	723	589	283	79	202	25	132	2
Applied mathematics	220	162	131	65	13	51	2	30	1
Mathematics	359	235	165	123	24	16	2	69	1
Statistics	421	326	293	95	42	135	21	33	0
Multidisciplinary/ interdisciplinary sciences	730	529	451	140	78	222	11	77	1
Interdisciplinary computer sciences	305	241	D	D	44	115	5	D	1
Multidisciplinary/ interdisciplinary sciences, other	425	288	D	D	34	107	6	D	0
Physical sciences	2,106	1,422	1,239	760	62	402	15	181	2
Astronomy and astrophysics	107	82	D	52	D	7	0	D	0
Chemistry	1,015	643	587	332	22	224	9	56	0
Materials sciences	170	108	D	47	D	43	0	D	0
Physics	814	589	493	329	30	128	6	94	2
Psychology	339	225	172	105	46	15	6	53	0
Clinical psychology	39	32	D	25	D	0	1	D	0
Counseling and applied psychology	115	74	55	29	D	D	5	19	0
Research and experimental psychology	131	84	62	35	18	9	0	22	0
Psychology, other	54	35	D	16	8	D	0	D	0
Social sciences	1,826	1,322	868	332	329	125	82	454	0
Anthropology	78	43	D	D	7	0	2	D	0
Area, ethnic, cultural, gender, and group studies	120	77	56	D	30	D	3	21	0
Economics	864	684	447	134	162	101	50	237	0
Political science and government	206	148	98	47	42	7	2	50	0
Public policy analysis	71	52	D	17	10	D	4	D	0
Sociology, demography, and population studies	131	96	69	D	24	D	5	27	0
Social sciences, other	356	222	139	58	54	11	16	83	0
Non-science and engineering	2,598	1,633	1,128	273	710	82	63	500	5
Business	633	470	363	D	295	D	6	106	1
Business administration and management	179	118	D	D	68	11	2	D	0
Business, other	454	352	D	23	227	D	4	D	1
Education	526	304	190	48	102	14	26	113	1
Education leadership and administration	69	34	D	D	8	D	6	D	1
Education research	204	115	88	22	50	9	7	27	0
Teacher education and teaching fields	199	127	70	D	38	D	12	57	0

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Education, other	54	28	D	7	6	D	1	D	0
Humanities	666	386	257	86	143	12	16	128	1
English language and literature, letters	133	78	54	15	36	D	D	24	0
Foreign languages, literatures, and linguistics	196	119	89	23	60	D	D	30	0
History	112	59	33	18	14	0	1	26	0
Philosophy and religious studies	141	81	51	21	21	D	D	30	0
Humanities, other	84	49	30	9	12	D	D	18	1
Visual and performing arts	166	77	41	D	24	D	2	36	0
Performing arts	93	38	21	D	12	D	2	17	0
Visual arts, media studies, and design	73	39	20	D	12	D	0	19	0
Other non-science and engineering	607	396	277	97	146	21	13	117	2
Communication and journalism	182	127	D	D	64	D	3	D	0
Multidisciplinary/ interdisciplinary studies	58	32	20	D	10	D	0	12	0
Public administration and social services	96	70	D	20	21	D	6	D	2
Non-science and engineering, other	271	167	101	33	51	13	4	66	0

D = suppressed to avoid disclosure of confidential information.

^a Industry employment includes doctorate recipients reporting self-employment.

^b Other includes doctorate recipients reporting government, nonprofit, elementary or secondary school, or other employment and those with unknown employment.

Note(s):

A definite postgraduation commitment includes accepting new employment or a postdoctoral study (postdoc) position or returning to predoctoral employment. Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and new broad, major, and detailed fields are used in tables reporting data from 2021 to the present; see the field list in table A-4. Therefore, the field of doctorate data prior to 2021 may not be comparable to subsequent years. For more information about the 2021 taxonomy change, see the "Technical Notes."

Source(s):

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