

Table 6-2. U.S. citizen and permanent resident research doctorate recipients with definite postgraduation commitments, by major field of doctorate: 2025

(Number)

Field of doctorate	U.S. citizen and permanent resident doctorate recipients	Doctorate recipients with definite commitments	Location of definite commitments						
			United States					Abroad	Unknown
			Total	Postdoctoral study	Academic employment	Industry employment ^a	Other sector or unknown ^b		
U.S. citizens and permanent residents reporting postgraduation plans	36,235	22,427	21,722	8,010	5,946	4,267	3,499	698	7
Science and engineering	27,906	17,008	16,439	7,397	3,251	3,786	2,005	564	5
Agricultural sciences and natural resources	753	470	456	161	126	93	76	14	0
Agricultural, animal, plant, and veterinary sciences	463	275	268	86	88	72	22	7	0
Natural resources and conservation	290	195	188	75	38	21	54	7	0
Biological and biomedical sciences	7,232	3,909	3,809	2,533	487	552	237	99	1
Biochemistry, biophysics, and molecular biology	1,012	510	499	338	39	99	23	11	0
Bioinformatics, biostatistics, and computational biology	398	227	D	106	40	D	19	D	0
Biological and biomedical sciences, general	663	319	313	211	44	36	22	6	0
Cell/ cellular biology and anatomy	608	293	D	202	D	36	10	D	0
Ecology, evolutionary biology, and epidemiology	867	569	544	346	82	41	75	25	0
Genetics and genomics	358	174	168	119	D	30	D	6	0
Microbiology and immunology	911	452	437	314	50	53	20	15	0
Neurobiology and neurosciences	1,050	584	570	427	D	D	17	13	1
Pharmacology and toxicology	296	165	165	109	D	34	D	0	0
Physiology, oncology, and cancer biology	618	365	357	214	70	61	12	8	0
Biological and biomedical sciences, other	451	251	244	147	D	D	31	7	0
Computer and information sciences	1,088	675	651	123	156	300	72	24	0
Computer science	709	447	433	85	104	212	32	14	0
Computer and information sciences, other	379	228	218	38	52	88	40	10	0
Engineering	4,816	2,844	2,767	886	305	1,233	343	76	1
Aerospace, aeronautical, astronautical, and space engineering	351	230	220	51	27	109	33	10	0
Biological, biomedical, and biosystems engineering	909	431	425	231	30	144	20	6	0
Chemical and petroleum engineering	625	335	327	120	17	170	20	8	0
Civil, environmental, and transportation engineering	460	304	292	84	35	113	60	12	0
Electrical and computer engineering	669	449	442	74	46	265	57	7	0
Engineering technologies	112	70	D	D	13	32	5	D	0
Industrial engineering and operations research	262	172	D	D	37	68	46	D	0
Materials and mining engineering	403	234	222	103	17	83	19	12	0
Mechanical engineering	702	407	395	128	47	169	51	11	1
Engineering, other	323	212	D	D	36	80	32	D	0
Geosciences, atmospheric, and ocean sciences	833	570	536	312	70	80	74	34	0
Geological and earth sciences	420	287	269	138	D	D	33	18	0

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Ocean, marine, and atmospheric sciences	413	283	267	174	D	D	41	16	0
Health sciences	2,115	1,392	1,373	378	506	215	274	19	0
Nursing and nursing science	531	360	D	59	D	36	78	D	0
Pharmacy and pharmaceutical sciences	205	108	108	48	D	D	10	0	0
Public health	606	397	D	150	97	D	92	D	0
Health sciences, other	773	527	518	121	210	93	94	9	0
Mathematics and statistics	944	587	545	215	171	112	47	42	0
Applied mathematics	218	128	D	50	40	D	10	D	0
Mathematics	522	316	D	131	92	D	18	D	0
Statistics	204	143	137	34	39	45	19	6	0
Multidisciplinary/ interdisciplinary sciences	846	519	510	153	123	170	64	9	0
Interdisciplinary computer sciences	272	165	D	49	31	66	D	D	0
Multidisciplinary/ interdisciplinary sciences, other	574	354	D	104	92	104	D	D	0
Physical sciences	3,109	1,754	1,623	827	167	514	115	131	0
Astronomy and astrophysics	226	164	139	D	12	D	5	25	0
Chemistry	1,628	871	839	376	90	309	64	32	0
Materials sciences	165	89	84	D	D	37	5	5	0
Physics	1,090	630	561	303	D	D	41	69	0
Psychology	3,191	2,285	2,260	1,317	367	282	294	24	1
Clinical psychology	1,043	856	851	706	D	D	D	5	0
Counseling and applied psychology	1,093	814	803	389	D	D	145	10	1
Research and experimental psychology	671	407	D	150	129	72	D	D	0
Psychology, other	384	208	D	72	61	D	32	D	0
Social sciences	2,979	2,003	1,909	492	773	235	409	92	2
Anthropology	312	185	172	73	61	12	26	13	0
Area, ethnic, cultural, gender, and group studies	292	160	D	D	74	10	21	D	0
Economics	504	377	349	68	125	81	75	28	0
Political science and government	404	282	261	89	112	23	37	20	1
Public policy analysis	305	215	D	36	64	D	86	D	0
Sociology, demography, and population studies	455	325	320	D	158	D	52	5	0
Social sciences, other	707	459	441	88	179	62	112	17	1
Non-science and engineering	8,329	5,419	5,283	613	2,695	481	1,494	134	2
Business	588	428	415	23	254	76	62	12	1
Business administration and management	191	124	D	5	D	26	28	D	0
Business, other	397	304	D	18	D	50	34	D	1

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Education	3,286	2,278	2,250	D	1,069	D	874	27	1
Education leadership and administration	1,095	796	790	D	D	42	312	5	1
Education research	929	618	D	38	278	D	217	D	0
Teacher education and teaching fields	898	616	606	D	277	D	238	10	0
Education, other	364	248	D	21	D	13	107	D	0
Humanities	2,455	1,441	1,391	D	721	D	284	50	0
English language and literature, letters	811	471	460	73	304	38	45	11	0
Foreign languages, literatures, and linguistics	285	154	145	18	89	13	25	9	0
History	610	368	354	101	D	D	84	14	0
Philosophy and religious studies	456	257	246	D	130	D	34	11	0
Humanities, other	293	191	186	D	D	13	96	5	0
Visual and performing arts	558	333	316	D	189	D	59	17	0
Performing arts	342	203	192	20	118	19	35	11	0
Visual arts, media studies, and design	216	130	124	D	71	D	24	6	0
Other non-science and engineering	1,442	939	911	127	462	107	215	28	0
Communication and journalism	383	230	224	D	148	D	28	6	0
Multidisciplinary/ interdisciplinary studies	235	160	D	D	74	12	38	D	0
Public administration and social services	407	273	D	39	113	D	83	D	0
Non-science and engineering, other	417	276	268	35	127	40	66	8	0

D = suppressed to avoid disclosure of confidential information.

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

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

Note(s):

A definite postgraduation commitment includes accepting new employment or a postdoctoral study (postdoc) position or returning to predoctoral employment. The survey data collection for the field of study changed in 2021, which may affect the data comparisons across years. This table uses the new field taxonomy based on a modified version of the 2020 Classification of Instructional Programs (CIP) codes and does not match data that uses the trend field taxonomy. For more information about the field taxonomy changes, see the "Technical Notes."

Source(s):

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