

Table 3-4. U.S. citizen and permanent resident research doctorate recipients, by major field of doctorate, ethnicity, and race: 2025

(Percent)

Field of doctorate	All U.S. citizens and permanent residents (number)	Total	U.S. citizens and permanent residents							
			Hispanic or Latino	Not Hispanic or Latino						Ethnicity not reported
				American Indian or Alaska Native	Asian	Black or African American	White	More than one race	Other race or race not reported	
All fields	36,235	100.0	10.4	0.3	11.7	8.3	61.8	3.9	1.7	2.0
Science and engineering	27,906	100.0	10.4	0.3	13.1	6.5	62.1	4.1	1.7	1.8
Agricultural sciences and natural resources	753	100.0	10.5	0.3	8.6	4.0	70.7	2.9	0.4	2.7
Agricultural, animal, plant, and veterinary sciences	463	100.0	10.2	0.0	8.2	3.0	73.2	1.9	0.2	3.2
Natural resources and conservation	290	100.0	11.0	0.7	9.3	5.5	66.6	4.5	0.7	1.7
Biological and biomedical sciences	7,232	100.0	10.8	0.2	13.5	4.6	63.6	4.3	1.3	1.5
Biochemistry, biophysics, and molecular biology	1,012	100.0	11.6	0.1	14.3	4.6	62.2	4.2	1.4	1.6
Bioinformatics, biostatistics, and computational biology	398	100.0	6.0	0.0	27.6	2.0	53.8	5.3	2.3	3.0
Biological and biomedical sciences, general	663	100.0	12.5	0.2	10.4	5.6	62.7	3.5	2.1	3.0
Cell/ cellular biology and anatomy	608	100.0	10.9	0.3	13.0	4.8	64.0	3.6	1.2	2.3
Ecology, evolutionary biology, and epidemiology	867	100.0	7.5	0.2	8.7	4.6	70.8	6.1	1.0	1.0
Genetics and genomics	358	100.0	10.6	0.0	15.1	3.6	64.8	4.2	1.1	0.6
Microbiology and immunology	911	100.0	12.7	0.2	13.1	5.2	63.0	3.3	1.3	1.2
Neurobiology and neurosciences	1,050	100.0	12.6	0.1	14.9	3.7	61.3	4.3	1.9	1.2
Pharmacology and toxicology	296	100.0	8.8	0.3	16.2	9.1	60.8	2.7	0.7	1.4
Physiology, oncology, and cancer biology	618	100.0	10.8	0.2	12.6	5.3	65.7	3.9	0.6	0.8
Biological and biomedical sciences, other	451	100.0	10.9	0.4	9.8	3.3	67.2	6.7	0.4	1.3
Computer and information sciences	1,088	100.0	5.0	0.0	23.7	6.3	56.1	2.9	3.1	2.9
Computer science	709	100.0	4.9	0.0	24.1	3.2	59.1	2.8	3.0	2.8
Computer and information sciences, other	379	100.0	5.0	0.0	23.0	11.9	50.4	3.2	3.4	3.2
Engineering	4,816	100.0	8.3	0.2	18.0	4.8	61.0	3.6	1.7	2.4
Aerospace, aeronautical, astronautical, and space engineering	351	100.0	8.3	0.6	13.1	2.6	66.7	3.1	2.3	3.4
Biological, biomedical, and biosystems engineering	909	100.0	8.8	0.1	20.5	4.7	58.0	3.9	2.1	2.0
Chemical and petroleum engineering	625	100.0	9.4	0.5	18.4	5.0	59.4	3.8	1.4	2.1
Civil, environmental, and transportation engineering	460	100.0	7.2	0.7	15.2	6.5	64.1	3.0	1.3	2.0
Electrical and computer engineering	669	100.0	7.0	0.0	23.9	4.3	58.1	2.7	1.9	1.9
Engineering technologies	112	100.0	5.4	0.0	20.5	4.5	59.8	6.3	0.9	2.7
Industrial engineering and operations research	262	100.0	7.3	0.0	17.2	11.1	57.3	3.8	1.1	2.3
Materials and mining engineering	403	100.0	10.9	0.0	16.9	3.5	60.3	5.0	1.0	2.5
Mechanical engineering	702	100.0	8.4	0.1	16.2	2.7	64.8	3.0	2.0	2.7
Engineering, other	323	100.0	7.7	0.3	11.8	6.2	64.1	4.6	1.2	4.0
Geosciences, atmospheric, and ocean sciences	833	100.0	10.9	0.6	7.2	3.0	71.1	5.2	0.8	1.2
Geological and earth sciences	420	100.0	12.9	0.7	7.6	3.6	68.1	4.5	1.2	1.4
Ocean, marine, and atmospheric sciences	413	100.0	9.0	0.5	6.8	2.4	74.1	5.8	0.5	1.0

Table 3-4. U.S. citizen and permanent resident research doctorate recipients, by major field of doctorate, ethnicity, and race: 2025

(Percent)

Field of doctorate	All U.S. citizens and permanent residents (number)	Total	U.S. citizens and permanent residents							
			Hispanic or Latino	Not Hispanic or Latino						Ethnicity not reported
				American Indian or Alaska Native	Asian	Black or African American	White	More than one race	Other race or race not reported	
Health sciences	2,115	100.0	10.2	0.3	12.3	14.3	56.3	3.2	1.7	1.6
Nursing and nursing science	531	100.0	7.2	0.2	8.9	15.4	60.6	4.3	2.1	1.3
Pharmacy and pharmaceutical sciences	205	100.0	10.7	0.0	22.4	5.4	57.1	1.5	2.4	0.5
Public health	606	100.0	10.9	0.8	14.0	21.5	46.4	3.1	1.8	1.5
Health sciences, other	773	100.0	11.5	0.1	10.7	10.3	60.9	2.8	1.3	2.2
Mathematics and statistics	944	100.0	9.7	0.1	15.9	3.6	62.2	4.8	2.2	1.5
Applied mathematics	218	100.0	6.9	0.0	14.7	5.0	65.1	6.4	1.8	0.0
Mathematics	522	100.0	11.3	0.2	12.6	2.7	64.2	5.0	2.3	1.7
Statistics	204	100.0	8.8	0.0	25.5	4.4	53.9	2.5	2.5	2.5
Multidisciplinary/ interdisciplinary sciences	846	100.0	7.7	0.2	17.6	6.5	60.2	3.2	2.7	1.9
Interdisciplinary computer sciences	272	100.0	6.3	0.0	26.1	2.2	56.3	4.4	3.7	1.1
Multidisciplinary/ interdisciplinary sciences, other	574	100.0	8.4	0.3	13.6	8.5	62.0	2.6	2.3	2.3
Physical sciences	3,109	100.0	10.5	0.2	10.7	3.9	67.4	4.6	1.3	1.5
Astronomy and astrophysics	226	100.0	11.1	0.0	10.2	5.3	67.7	4.9	0.4	0.4
Chemistry	1,628	100.0	11.4	0.2	11.0	3.9	67.3	4.0	0.9	1.4
Materials sciences	165	100.0	9.1	0.0	13.9	7.3	63.6	4.8	0.6	0.6
Physics	1,090	100.0	9.3	0.2	9.9	3.2	68.0	5.5	2.0	1.9
Psychology	3,191	100.0	14.5	0.3	7.6	9.1	60.9	3.9	1.9	1.8
Clinical psychology	1,043	100.0	13.8	0.2	7.3	6.6	63.9	4.3	2.1	1.8
Counseling and applied psychology	1,093	100.0	14.4	0.3	7.7	12.2	59.1	3.4	1.6	1.5
Research and experimental psychology	671	100.0	14.8	0.4	9.1	6.9	61.1	3.9	2.5	1.3
Psychology, other	384	100.0	16.1	0.3	5.5	11.2	57.3	4.4	1.3	3.9
Social sciences	2,979	100.0	11.0	0.5	10.3	11.0	58.1	4.9	2.2	1.8
Anthropology	312	100.0	13.5	0.6	8.3	7.1	59.3	6.7	3.5	1.0
Area, ethnic, cultural, gender, and group studies	292	100.0	20.5	1.0	8.2	14.0	45.9	5.5	2.1	2.7
Economics	504	100.0	7.1	0.2	19.6	4.6	60.1	4.4	1.6	2.4
Political science and government	404	100.0	9.9	0.0	9.4	6.9	65.6	5.2	1.7	1.2
Public policy analysis	305	100.0	6.9	0.3	9.5	28.5	45.2	4.3	2.6	2.6
Sociology, demography, and population studies	455	100.0	14.1	0.4	7.5	11.9	57.8	4.8	1.8	1.8
Social sciences, other	707	100.0	9.3	0.8	8.2	10.5	62.8	4.4	2.4	1.6
Non-science and engineering	8,329	100.0	10.6	0.5	6.7	14.0	61.0	3.1	1.7	2.3
Business	588	100.0	7.3	0.3	14.8	14.5	53.7	2.4	2.9	4.1
Business administration and management	191	100.0	7.9	0.5	12.6	17.8	52.4	2.1	2.1	4.7
Business, other	397	100.0	7.1	0.3	15.9	12.8	54.4	2.5	3.3	3.8
Education	3,286	100.0	11.4	0.6	5.6	20.0	55.6	3.3	1.2	2.3

Table 3-4. U.S. citizen and permanent resident research doctorate recipients, by major field of doctorate, ethnicity, and race: 2025

(Percent)

Field of doctorate	All U.S. citizens and permanent residents (number)	Total	U.S. citizens and permanent residents							
			Hispanic or Latino	Not Hispanic or Latino						Ethnicity not reported
				American Indian or Alaska Native	Asian	Black or African American	White	More than one race	Other race or race not reported	
Education leadership and administration	1,095	100.0	10.8	0.8	4.7	26.7	50.9	2.7	0.8	2.6
Education research	929	100.0	9.8	0.4	7.9	19.3	54.6	3.9	1.4	2.8
Teacher education and teaching fields	898	100.0	11.9	0.2	4.1	13.4	64.0	3.2	1.6	1.6
Education, other	364	100.0	15.9	1.1	6.0	17.9	51.9	4.1	1.1	1.9
Humanities	2,455	100.0	11.9	0.4	5.5	5.5	69.8	2.8	2.1	2.1
English language and literature, letters	811	100.0	9.4	0.2	3.7	6.0	73.4	3.0	2.2	2.1
Foreign languages, literatures, and linguistics	285	100.0	29.5	0.4	6.3	1.8	56.1	2.1	1.8	2.1
History	610	100.0	10.7	0.5	4.9	6.9	69.2	4.3	2.0	1.6
Philosophy and religious studies	456	100.0	7.9	0.2	7.9	4.8	72.6	2.4	2.2	2.0
Humanities, other	293	100.0	10.9	1.0	6.8	5.5	70.0	0.7	2.0	3.1
Visual and performing arts	558	100.0	9.9	0.4	8.1	7.3	66.5	3.2	1.4	3.2
Performing arts	342	100.0	9.1	0.3	7.0	7.3	68.4	3.2	1.5	3.2
Visual arts, media studies, and design	216	100.0	11.1	0.5	9.7	7.4	63.4	3.2	1.4	3.2
Other non-science and engineering	1,442	100.0	8.3	0.3	7.8	17.5	59.2	3.1	1.9	1.8
Communication and journalism	383	100.0	7.3	0.0	9.7	10.4	67.1	2.6	1.6	1.3
Multidisciplinary/ interdisciplinary studies	235	100.0	8.9	0.0	6.4	10.6	66.8	3.8	0.9	2.6
Public administration and social services	407	100.0	9.6	0.5	7.4	26.5	48.2	2.9	2.9	2.0
Non-science and engineering, other	417	100.0	7.4	0.7	7.4	19.2	58.5	3.4	1.7	1.7

Note(s):
Due to rounding, percentages may not sum to 100. 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.