

Number of U.S. Citizen and Permanent Resident Doctorate Recipients, by Field and Race/Ethnicity: 1998

Academic Discipline	Number of Doctoral Degrees							Percentage distribution						
	Total of All Races & Ethnicities	Black, Non-Hispanic	American Indian or Alaskan Native	Asian or Pacific Islander	Hispanic	White, Non-Hispanic	Other/Unkn own Races & Ethnicities	Total of All Races & Ethnicities	Black, Non-Hispanic	American Indian or Alaskan Native	Asian or Pacific Islander	Hispanic	White, Non-Hispanic	Other/Unkn own Races & Ethnicities
Engineering, total	3,021	84	13	555	110	2,160	99	100.0	2.8	0.4	18.4	3.6	71.5	3.3
Aerospace Engineering	151	2	0	12	5	125	7	100.0	1.3	0.0	7.9	3.3	82.8	4.6
Chemical Engineering	372	3	3	65	13	276	12	100.0	0.8	0.8	17.5	3.5	74.2	3.2
Civil Engineering	293	10	0	38	16	216	13	100.0	3.4	0.0	13.0	5.5	73.7	4.4
Electrical Engineering	797	23	3	206	31	519	15	100.0	2.9	0.4	25.8	3.9	65.1	1.9
Mechanical Engineering	512	14	2	90	19	368	19	100.0	2.7	0.4	17.6	3.7	71.9	3.7
Materials Engineering	313	10	2	55	8	225	13	100.0	3.2	0.6	17.6	2.6	71.9	4.2
Industrial Engineering	99	8	0	11	7	70	3	100.0	8.1	0.0	11.1	7.1	70.7	3.0
Other Engineering	484	14	3	78	11	361	17	100.0	2.9	0.6	16.1	2.3	74.6	3.5
Physical sciences, total	2,435	54	10	332	54	1,907	78	100.0	2.2	0.4	13.6	2.2	78.3	3.2
Astronomy	148	1	1	13	2	121	10	100.0	0.7	0.7	8.8	1.4	81.8	6.8
Chemistry	1,455	43	7	207	34	1,123	41	100.0	3.0	0.5	14.2	2.3	77.2	2.8
Physics	814	10	2	111	18	647	26	100.0	1.2	0.2	13.6	2.2	79.5	3.2
Other Physical Sciences	18	0	0	1	0	16	1	100.0	0.0	0.0	5.6	0.0	88.9	5.6
Earth, atmospheric, and ocean sciences, total	559	9	3	50	16	462	19	100.0	1.6	0.5	8.9	2.9	82.6	3.4
Atmospheric Sciences	85	2	0	9	1	69	4	100.0	2.4	0.0	10.6	1.2	81.2	4.7
Earth Sciences	346	4	3	29	9	289	12	100.0	1.2	0.9	8.4	2.6	83.5	3.5
Oceanography	80	0	0	5	6	67	2	100.0	0.0	0.0	6.3	7.5	83.8	2.5
Other Geosciences	48	3	0	7	0	37	1	100.0	6.3	0.0	14.6	0.0	77.1	2.1
Mathematics and Statistics	666	16	3	71	27	522	27	100.0	2.4	0.5	10.7	4.1	78.4	4.1
Computer Science	551	14	3	91	14	406	23	100.0	2.5	0.5	16.5	2.5	73.7	4.2
Agricultural Sciences	540	19	9	47	35	417	13	100.0	3.5	1.7	8.7	6.5	77.2	2.4
Biological Sciences	4,279	108	12	658	169	3,226	106	100.0	2.5	0.3	15.4	3.9	75.4	2.5
Psychology	3,259	155	31	114	207	2,630	122	100.0	4.8	1.0	3.5	6.4	80.7	3.7
Social sciences, total	2,815	180	12	222	120	2,199	82	100.0	6.4	0.4	7.9	4.3	78.1	2.9
Economics	573	23	0	85	25	426	14	100.0	4.0	0.0	14.8	4.4	74.3	2.4
Political Science and Public Administration	782	54	3	42	35	629	19	100.0	6.9	0.4	5.4	4.5	80.4	2.4
Sociology	440	39	3	23	15	348	12	100.0	8.9	0.7	5.2	3.4	79.1	2.7
Anthropology	378	11	5	18	21	297	26	100.0	2.9	1.3	4.8	5.6	78.6	6.9

Linguistics	136	4	0	22	6	103	1	100.0	2.9	0.0	16.2	4.4	75.7	0.7
History of Science	34	0	0	0	1	31	2	100.0	0.0	0.0	0.0	2.9	91.2	5.9
Area and Ethnic Studies	104	17	1	2	4	79	1	100.0	16.3	1.0	1.9	3.8	76.0	1.0
Other Social Sciences	368	32	0	30	13	286	7	100.0	8.7	0.0	8.2	3.5	77.7	1.9
Health fields, total	1,116	62	4	84	36	903	27	100.0	5.6	0.4	7.5	3.2	80.9	2.4
Medical Sciences	403	20	2	46	18	306	11	100.0	5.0	0.5	11.4	4.5	75.9	2.7
Other Life Sciences	713	42	2	38	18	597	16	100.0	5.9	0.3	5.3	2.5	83.7	2.2
Humanities, total	3,214	103	16	122	163	2,690	120	100.0	3.2	0.5	3.8	5.1	83.7	3.7
History	837	35	5	36	26	701	34	100.0	4.2	0.6	4.3	3.1	83.8	4.1
English and Literature	1,414	45	6	50	47	1,227	39	100.0	3.2	0.4	3.5	3.3	86.8	2.8
Foreign Languages	495	5	3	17	80	369	21	100.0	1.0	0.6	3.4	16.2	74.5	4.2
Other Humanities	468	18	2	19	10	393	26	100.0	3.8	0.4	4.1	2.1	84.0	5.6
Religion and Theology	427	13	4	31	8	366	5	100.0	3.0	0.9	7.3	1.9	85.7	1.2
Arts and Music	790	27	2	55	23	653	30	100.0	3.4	0.3	7.0	2.9	82.7	3.8
Architecture and Environmental Design	24	1	1	3	2	16	1	100.0	4.2	4.2	12.5	8.3	66.7	4.2
Education	5,700	646	50	180	282	4,390	152	100.0	11.3	0.9	3.2	4.9	77.0	2.7
Business and Management	842	44	9	68	23	665	33	100.0	5.2	1.1	8.1	2.7	79.0	3.9
Communication and Librarianship	338	26	2	17	8	278	7	100.0	7.7	0.6	5.0	2.4	82.2	2.1
Law	14	0	1	1	1	11	0	100.0	0.0	7.1	7.1	7.1	78.6	0.0
Social services	210	18	3	12	8	168	1	100.0	8.6	1.4	5.7	3.8	80.0	0.5
Vocational studies and home economics	15	2	0	0	1	11	1	100.0	13.3	0.0	0.0	6.7	73.3	6.7
Other non-sciences or unknown discipline	99	5	1	7	4	73	9	100.0	5.1	1.0	7.1	4.0	73.7	9.1

SOURCE: National Science Foundation, Survey of Earned Doctorates