

Table 23. U.S. citizen and permanent resident doctorate recipients, by broad field of study, ethnicity, and race: Selected years, 1996–2016

Field of study, ethnicity, and race	1996	2001	2006	2011	2016
All fields	31,548	28,894	29,028	31,726	35,719
Hispanic or Latino	1,115	1,266	1,532	1,989	2,555
Not Hispanic or Latino					
American Indian or Alaska Native	186	142	113	127	128
Asian ^a	3,674	2,134	2,391	2,832	3,082
Black or African American	1,446	1,640	1,789	1,899	2,360
White	24,668	22,179	21,923	23,279	25,524
More than one race	na	301	464	722	1,032
Other race or race not reported ^b	192	355	287	248	273
Ethnicity not reported	267	877	529	630	765
Life sciences ^c	6,084	5,956	6,506	7,892	8,697
Hispanic or Latino	184	220	306	471	655
Not Hispanic or Latino					
American Indian or Alaska Native	32	21	16	25	27
Asian ^a	1,068	666	696	853	915
Black or African American	174	211	299	428	510
White	4,536	4,588	4,927	5,753	6,118
More than one race	na	55	97	180	263
Other race or race not reported ^b	42	69	61	67	54
Ethnicity not reported	48	126	104	115	155
Physical sciences and earth sciences	3,078	2,447	2,479	3,048	3,666
Hispanic or Latino	87	74	100	159	186
Not Hispanic or Latino					
American Indian or Alaska Native	7	12	5	9	8
Asian ^a	571	226	206	252	302
Black or African American	61	59	55	86	97
White	2,292	1,958	2,022	2,388	2,876
More than one race	na	29	27	75	110
Other race or race not reported ^b	24	32	24	28	17
Ethnicity not reported	36	57	40	51	70
Mathematics and computer sciences	1,162	957	1,207	1,603	1,730
Hispanic or Latino	27	23	33	50	96
Not Hispanic or Latino					
American Indian or Alaska Native	5	3	2	4	3
Asian ^a	251	113	201	234	216
Black or African American	20	31	34	51	78
White	834	742	882	1,179	1,208
More than one race	na	9	21	35	65
Other race or race not reported ^b	8	8	15	11	16
Ethnicity not reported	17	28	19	39	48
Psychology and social sciences	5,834	5,543	5,381	6,070	6,830
Hispanic or Latino	264	285	372	503	583
Not Hispanic or Latino					
American Indian or Alaska Native	40	32	22	33	30
Asian ^a	374	275	338	396	428

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Black or African American	284	329	355	399	495
White	4,789	4,304	3,996	4,380	4,846
More than one race	na	71	113	156	218
Other race or race not reported ^b	39	79	57	49	73
Ethnicity not reported	44	168	128	154	157
Engineering	3,390	2,458	2,500	3,350	4,181
Hispanic or Latino	99	91	113	188	271
Not Hispanic or Latino					
American Indian or Alaska Native	14	6	4	7	8
Asian ^a	896	421	441	563	642
Black or African American	74	85	102	130	173
White	2,263	1,738	1,720	2,294	2,810
More than one race	na	24	45	72	120
Other race or race not reported ^b	9	30	32	22	35
Ethnicity not reported	35	63	43	74	122
Education	6,075	5,462	5,171	3,878	4,303
Hispanic or Latino	218	275	296	230	322
Not Hispanic or Latino					
American Indian or Alaska Native	60	38	35	30	30
Asian ^a	180	137	174	181	210
Black or African American	607	633	639	495	640
White	4,939	4,061	3,844	2,763	2,889
More than one race	na	47	58	83	101
Other race or race not reported ^b	33	41	47	25	33
Ethnicity not reported	38	230	78	71	78
Humanities and arts	4,261	4,601	4,240	4,192	4,447
Hispanic or Latino	184	239	239	287	318
Not Hispanic or Latino					
American Indian or Alaska Native	20	22	21	13	19
Asian ^a	194	201	224	198	180
Black or African American	129	165	170	156	170
White	3,669	3,707	3,390	3,329	3,527
More than one race	na	49	82	84	112
Other race or race not reported ^b	30	74	37	28	28
Ethnicity not reported	35	144	77	97	93
Other ^d	1,664	1,470	1,544	1,693	1,865
Hispanic or Latino	52	59	73	101	124
Not Hispanic or Latino					
American Indian or Alaska Native	8	8	8	6	3
Asian ^a	140	95	111	155	189
Black or African American	97	127	135	154	197
White	1,346	1,081	1,142	1,193	1,250
More than one race	na	17	21	37	43
Other race or race not reported ^b	7	22	14	18	17

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Field of study, ethnicity, and race	1996	2001	2006	2011	2016
Ethnicity not reported	14	61	40	29	42

na = not applicable; respondents were instructed to indicate only one race.

^a Includes Native Hawaiians or Other Pacific Islanders who are not Hispanic through 2000, but excludes them since 2001.

^b Before 2001, category included respondents who selected more than one race; Native Hawaiians or Other Pacific Islanders who are not Hispanic were included in the category Asian. Since 2001, category has included Native Hawaiians or Other Pacific Islanders who are not Hispanic.

^c Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.

^d Non-science and engineering fields not shown separately.

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