

Table 23**U.S. citizen and permanent resident doctorate recipients, by broad field of study, ethnicity, and race: Selected years, 1999–2019**

(Number)

Field, ethnicity, and race	1999	2004	2009	2014	2019
All fields	30,312	28,040	32,327	34,003	35,274
Hispanic or Latino	1,328	1,302	1,880	2,190	2,848
Not Hispanic or Latino					
American Indian or Alaska Native	214	125	132	103	120
Asian ^a	2,497	2,022	2,612	2,881	3,421
Black or African American	1,765	1,897	2,168	2,172	2,512
White	23,901	21,011	23,616	24,829	24,248
More than one race	na	386	646	879	1,121
Other race or race not reported ^b	352	402	338	272	381
Ethnicity not reported	255	895	935	677	623
Life sciences ^c	5,810	6,082	7,803	8,390	9,052
Hispanic or Latino	238	255	390	529	775
Not Hispanic or Latino					
American Indian or Alaska Native	27	19	29	20	29
Asian ^a	751	611	784	883	1,042
Black or African American	206	272	410	501	540
White	4,482	4,587	5,782	6,040	6,158
More than one race	na	80	158	234	296
Other race or race not reported ^b	69	88	76	63	90
Ethnicity not reported	37	170	174	120	122
Physical sciences and earth sciences	2,736	2,300	2,914	3,300	3,903
Hispanic or Latino	84	74	131	204	269
Not Hispanic or Latino					
American Indian or Alaska Native	15	9	5	9	8
Asian ^a	287	173	217	252	366
Black or African American	77	65	82	100	88
White	2,215	1,822	2,289	2,546	2,943
More than one race	na	37	47	91	140
Other race or race not reported ^b	23	52	30	33	34
Ethnicity not reported	35	68	113	65	55
Mathematics and computer sciences	1,098	959	1,506	1,738	1,787
Hispanic or Latino	30	39	56	66	103
Not Hispanic or Latino					
American Indian or Alaska Native	2	2	3	4	1
Asian ^a	143	126	204	222	252
Black or African American	31	25	51	75	69
White	861	713	1,107	1,289	1,235
More than one race	na	16	32	34	68
Other race or race not reported ^b	16	13	19	14	27
Ethnicity not reported	15	25	34	34	32
Psychology and social sciences	5,936	5,348	5,714	6,389	6,723
Hispanic or Latino	332	299	408	463	629
Not Hispanic or Latino					
American Indian or Alaska Native	63	21	28	30	30
Asian ^a	315	303	354	406	443
Black or African American	349	360	380	438	593
White	4,768	4,042	4,193	4,703	4,553
More than one race	na	84	152	175	243

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Other race or race not reported ^b	69	75	62	41	79
Ethnicity not reported	40	164	137	133	153
Engineering	2,892	2,190	3,166	4,066	4,253
Hispanic or Latino	83	88	160	244	306
Not Hispanic or Latino					
American Indian or Alaska Native	12	6	10	7	9
Asian ^a	513	349	487	580	718
Black or African American	98	89	132	168	178
White	2,111	1,525	2,111	2,826	2,800
More than one race	na	23	56	103	124
Other race or race not reported ^b	35	46	29	41	50
Ethnicity not reported	40	64	181	97	68
Education	5,817	5,452	5,584	3,934	3,848
Hispanic or Latino	303	273	390	259	318
Not Hispanic or Latino					
American Indian or Alaska Native	58	46	42	19	26
Asian ^a	168	149	211	198	206
Black or African American	689	749	788	522	619
White	4,506	3,915	3,886	2,710	2,485
More than one race	na	61	90	92	109
Other race or race not reported ^b	62	51	53	23	33
Ethnicity not reported	31	208	124	111	52
Humanities and arts	4,487	4,232	3,893	4,361	3,988
Hispanic or Latino	203	214	256	312	337
Not Hispanic or Latino					
American Indian or Alaska Native	21	12	10	12	10
Asian ^a	214	217	203	186	204
Black or African American	178	171	158	156	179
White	3,763	3,362	3,027	3,469	3,005
More than one race	na	60	80	115	105
Other race or race not reported ^b	59	61	54	39	44
Ethnicity not reported	49	135	105	72	104
Other ^d	1,536	1,477	1,747	1,825	1,720
Hispanic or Latino	55	60	89	113	111
Not Hispanic or Latino					
American Indian or Alaska Native	16	10	5	2	7
Asian ^a	106	94	152	154	190
Black or African American	137	166	167	212	246
White	1,195	1,045	1,221	1,246	1,069
More than one race	na	25	31	35	36
Other race or race not reported ^b	19	16	15	18	24
Ethnicity not reported	8	61	67	45	37

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 Includes other non-science and engineering fields not shown separately.

Source(s):

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