

Table 23

U.S. citizen and permanent resident doctorate recipients, by broad field of study, ethnicity, and race: Selected years, 1975–2020

(Number)

Field, ethnicity, and race	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020
All fields	28,872	26,532	24,711	26,619	32,062	29,952	27,945	31,602	35,071	34,492
Hispanic or Latino	349	490	635	840	1,065	1,310	1,435	1,842	2,449	2,851
Not Hispanic or Latino										
American Indian or Alaska Native	36	75	96	96	147	169	137	117	131	97
Asian ^a	1,007	1,095	1,069	1,306	4,297	2,274	2,155	2,738	3,072	3,218
Black or African American	1,047	1,094	1,042	1,048	1,461	1,749	1,741	1,939	2,275	2,458
White	24,878	22,435	21,308	22,878	24,683	23,714	21,208	23,100	25,375	23,944
More than one race	na	na	na	na	na	na	395	654	903	1,136
Other race or race not reported ^b	167	51	93	132	170	370	306	272	249	353
Ethnicity not reported	1,388	1,292	468	319	239	366	568	940	617	435
Life sciences ^c	4,312	4,688	4,694	4,944	6,131	6,086	6,282	7,812	8,470	8,707
Hispanic or Latino	47	44	90	130	183	242	293	449	630	710
Not Hispanic or Latino										
American Indian or Alaska Native	2	7	19	9	27	27	19	22	23	22
Asian ^a	221	228	213	275	1,111	680	671	843	920	960
Black or African American	63	71	99	103	190	221	289	392	454	558
White	3,792	4,063	4,180	4,345	4,545	4,762	4,761	5,689	6,034	5,988
More than one race	na	na	na	na	na	na	80	155	239	311
Other race or race not reported ^b	19	14	11	18	39	80	69	57	55	73
Ethnicity not reported	168	261	82	64	36	74	100	205	115	85
Physical sciences and earth sciences	3,023	2,536	2,618	2,835	3,367	2,547	2,344	2,860	3,481	3,741
Hispanic or Latino	24	31	34	85	84	93	92	128	180	246
Not Hispanic or Latino										
American Indian or Alaska Native	0	5	4	3	7	13	8	7	9	4
Asian ^a	183	182	169	177	847	225	213	235	272	313
Black or African American	33	17	30	33	43	65	61	80	103	79
White	2,588	2,112	2,301	2,463	2,332	2,085	1,876	2,241	2,752	2,892
More than one race	na	na	na	na	na	na	36	62	89	140
Other race or race not reported ^b	18	3	12	21	16	28	29	14	16	32
Ethnicity not reported	177	186	68	53	38	38	29	93	60	35
Mathematics and computer sciences	924	752	632	828	1,389	1,035	1,011	1,599	1,663	1,736
Hispanic or Latino	8	6	18	16	21	29	36	58	76	100
Not Hispanic or Latino										
American Indian or Alaska Native	3	0	0	1	2	3	1	5	1	1
Asian ^a	62	51	50	76	344	146	158	223	205	264
Black or African American	11	12	10	5	16	32	36	50	53	56
White	795	639	527	712	985	801	730	1,164	1,217	1,196
More than one race	na	na	na	na	na	na	15	32	35	77
Other race or race not reported ^b	2	0	3	2	6	11	13	19	19	23
Ethnicity not reported	43	44	24	16	15	13	22	48	57	19
Psychology and social sciences	5,638	5,407	4,994	5,078	5,652	5,930	5,252	5,803	6,685	6,605
Hispanic or Latino	63	114	142	200	236	313	334	386	498	657
Not Hispanic or Latino										
American Indian or Alaska Native	8	13	19	25	31	41	33	38	31	22
Asian ^a	93	151	130	157	415	315	281	373	441	443
Black or African American	177	211	208	219	281	370	317	349	533	536
White	4,968	4,666	4,372	4,386	4,619	4,739	3,988	4,285	4,809	4,550
More than one race	na	na	na	na	na	na	92	149	193	236
Other race or race not reported ^b	26	11	24	36	41	84	53	46	59	69

Table 23**U.S. citizen and permanent resident doctorate recipients, by broad field of study, ethnicity, and race: Selected years, 1975–2020**

(Number)

Field, ethnicity, and race	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020
Ethnicity not reported	303	241	99	55	29	68	154	177	121	92
Engineering	2,138	1,555	1,594	2,349	3,343	2,575	2,288	3,332	4,219	4,154
Hispanic or Latino	18	27	22	54	77	82	89	192	294	287
Not Hispanic or Latino										
American Indian or Alaska Native	1	3	1	4	9	8	9	6	7	5
Asian ^a	273	278	281	359	1,032	440	399	543	648	665
Black or African American	16	18	34	40	70	81	96	137	164	177
White	1,646	1,143	1,189	1,840	2,092	1,891	1,590	2,227	2,867	2,804
More than one race	na	na	na	na	na	na	31	65	108	128
Other race or race not reported ^b	14	0	8	17	16	30	26	36	31	46
Ethnicity not reported	170	86	59	35	47	43	48	126	100	42
Education	6,934	6,864	5,909	5,789	5,993	5,686	5,255	4,476	4,196	3,896
Hispanic or Latino	100	153	190	191	258	285	293	275	315	371
Not Hispanic or Latino										
American Indian or Alaska Native	16	43	40	37	41	51	41	22	28	16
Asian ^a	71	93	98	104	179	174	153	186	195	204
Black or African American	615	606	505	495	623	693	648	622	631	628
White	5,874	5,700	4,992	4,900	4,846	4,375	3,903	3,129	2,848	2,474
More than one race	na	na	na	na	na	na	58	77	89	99
Other race or race not reported ^b	44	11	23	23	24	49	46	40	23	41
Ethnicity not reported	214	258	61	39	22	59	113	125	67	63
Humanities and arts	4,667	3,501	3,024	3,372	4,360	4,604	4,036	4,029	4,478	3,915
Hispanic or Latino	80	98	108	132	161	213	217	269	364	352
Not Hispanic or Latino										
American Indian or Alaska Native	5	3	7	8	20	20	21	14	25	16
Asian ^a	60	66	62	73	206	193	194	180	198	207
Black or African American	87	93	75	75	124	167	174	171	138	174
White	4,135	3,067	2,703	3,032	3,785	3,884	3,229	3,147	3,535	2,943
More than one race	na	na	na	na	na	na	66	84	110	107
Other race or race not reported ^b	41	8	11	10	22	73	56	47	36	51
Ethnicity not reported	259	166	58	42	42	54	79	117	72	65
Other ^d	1,236	1,229	1,246	1,424	1,827	1,489	1,477	1,691	1,879	1,738
Hispanic or Latino	9	17	31	32	45	53	81	85	92	128
Not Hispanic or Latino										
American Indian or Alaska Native	1	1	6	9	10	6	5	3	7	11
Asian ^a	44	46	66	85	163	101	86	155	193	162
Black or African American	45	66	81	78	114	120	120	138	199	250
White	1,080	1,045	1,044	1,200	1,479	1,177	1,131	1,218	1,313	1,097
More than one race	na	na	na	na	na	na	17	30	40	38
Other race or race not reported ^b	3	4	1	5	6	15	14	13	10	18
Ethnicity not reported	54	50	17	15	10	17	23	49	25	34

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

^a Includes Native Hawaiians or Other Pacific Islanders through 2000, but excludes them since 2001.^b Before 2001, this category included respondents who selected more than one race. Since 2001, this category has included Native Hawaiians or Other Pacific Islanders, who previously had been included in the category Asian.^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.