

Table 1-11. U.S. citizen and permanent resident research doctorate recipients, by trend broad field of doctorate, ethnicity, and race: Selected years, 1975–2025

(Number)

Field, ethnicity, and race	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
All fields	28,872	26,532	24,711	26,619	32,062	29,952	27,945	31,602	35,071	34,458	36,235
Hispanic or Latino	349	490	635	840	1,065	1,310	1,435	1,842	2,449	2,850	3,781
Not Hispanic or Latino											
American Indian or Alaska Native	36	75	96	96	147	169	137	117	131	97	108
Asian ^a	1,007	1,095	1,069	1,306	4,297	2,274	2,155	2,738	3,072	3,212	4,230
Black or African American	1,047	1,094	1,042	1,048	1,461	1,749	1,741	1,939	2,275	2,453	2,990
White	24,878	22,435	21,308	22,878	24,683	23,714	21,208	23,100	25,375	23,925	22,410
More than one race	na	na	na	na	na	na	395	654	903	1,134	1,396
Other race or race not reported ^b	167	51	93	132	170	370	306	272	249	353	611
Ethnicity not reported	1,388	1,292	468	319	239	366	568	940	617	434	709
Science and engineering	16,061	14,959	14,550	16,054	19,915	18,208	17,211	21,444	24,571	24,919	27,564
Hispanic or Latino	160	222	306	485	602	760	846	1,213	1,681	1,998	2,875
Not Hispanic or Latino											
American Indian or Alaska Native	14	28	43	42	76	92	70	78	71	54	69
Asian ^a	832	890	843	1,045	3,751	1,806	1,724	2,219	2,487	2,638	3,635
Black or African American	300	329	381	400	600	770	800	1,009	1,307	1,404	1,783
White	13,812	12,642	12,586	13,764	14,603	14,310	12,971	15,640	17,724	17,419	17,118
More than one race	na	na	na	na	na	na	256	464	665	890	1,120
Other race or race not reported ^b	80	28	58	94	118	233	190	172	180	243	463
Ethnicity not reported	863	820	333	224	165	237	354	649	456	273	501
Agricultural sciences and natural resources	824	767	881	847	796	643	615	651	794	829	838
Hispanic or Latino	8	7	17	24	26	34	23	34	54	61	87
Not Hispanic or Latino											
American Indian or Alaska Native	0	1	4	4	3	6	3	2	1	5	3
Asian ^a	55	34	31	38	105	43	25	35	50	44	72
Black or African American	6	10	25	21	25	28	17	34	30	42	31
White	731	676	789	744	627	517	517	511	620	628	594
More than one race	na	na	na	na	na	na	7	9	19	26	25
Other race or race not reported ^b	2	1	2	4	4	7	4	4	7	6	5
Ethnicity not reported	22	38	13	12	6	8	19	22	13	17	21
Biological and biomedical sciences	3,106	3,436	3,322	3,468	4,442	4,425	4,587	5,849	6,029	5,999	7,162
Hispanic or Latino	33	31	61	90	130	177	234	362	478	521	781
Not Hispanic or Latino											
American Indian or Alaska Native	1	5	13	4	15	17	12	15	13	9	12
Asian ^a	138	165	153	206	929	555	562	684	729	742	987
Black or African American	49	48	54	55	114	130	165	232	226	261	344
White	2,740	2,968	2,973	3,052	3,205	3,431	3,442	4,240	4,286	4,144	4,512

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(Number)

Field, ethnicity, and race	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
More than one race	na	na	na	na	na	na	61	126	189	238	309
Other race or race not reported ^b	15	13	7	14	22	64	54	44	38	44	100
Ethnicity not reported	130	206	61	47	27	51	57	146	70	40	117
Computer and information sciences	na	169	213	404	616	460	468	761	774	807	1,258
Hispanic or Latino	na	1	6	5	6	14	12	22	35	44	62
Not Hispanic or Latino											
American Indian or Alaska Native	na	0	0	0	0	1	1	2	1	1	0
Asian ^a	na	9	17	49	137	76	91	134	109	146	305
Black or African American	na	0	3	1	11	18	14	28	28	26	79
White	na	143	177	339	450	337	320	524	546	534	705
More than one race	na	na	na	na	na	na	12	17	18	33	35
Other race or race not reported ^b	na	0	1	2	3	7	5	13	9	13	38
Ethnicity not reported	na	16	9	8	9	7	13	21	28	10	34
Engineering	2,138	1,555	1,594	2,349	3,343	2,575	2,288	3,332	4,219	4,153	5,069
Hispanic or Latino	18	27	22	54	77	82	89	192	294	287	421
Not Hispanic or Latino											
American Indian or Alaska Native	1	3	1	4	9	8	9	6	7	5	10
Asian ^a	273	278	281	359	1,032	440	399	543	648	665	928
Black or African American	16	18	34	40	70	81	96	137	164	177	234
White	1,646	1,143	1,189	1,840	2,092	1,891	1,590	2,227	2,867	2,803	3,082
More than one race	na	na	na	na	na	na	31	65	108	128	186
Other race or race not reported ^b	14	0	8	17	16	30	26	36	31	46	89
Ethnicity not reported	170	86	59	35	47	43	48	126	100	42	119
Geosciences, atmospheric, and ocean sciences	463	501	440	517	543	475	444	573	704	809	860
Hispanic or Latino	5	4	4	13	10	16	18	26	43	59	95
Not Hispanic or Latino											
American Indian or Alaska Native	0	2	1	0	0	4	4	0	2	1	6
Asian ^a	16	18	19	15	99	23	18	19	24	45	60
Black or African American	0	1	3	3	1	4	6	11	13	13	25
White	412	452	401	475	423	411	384	483	589	644	613
More than one race	na	na	na	na	na	na	4	11	16	36	44
Other race or race not reported ^b	4	2	2	4	2	9	6	2	2	6	7
Ethnicity not reported	26	22	10	7	8	8	4	21	15	5	10
Health sciences	382	485	491	629	893	1,018	1,080	1,312	1,647	1,871	1,793
Hispanic or Latino	6	6	12	16	27	31	36	53	98	128	175
Not Hispanic or Latino											
American Indian or Alaska Native	1	1	2	1	9	4	4	5	9	8	6

Table 1-11. U.S. citizen and permanent resident research doctorate recipients, by trend broad field of doctorate, ethnicity, and race: Selected years, 1975–2025

(Number)

Field, ethnicity, and race	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
Asian ^a	28	29	29	31	77	82	84	124	141	169	212
Black or African American	8	13	20	27	51	63	107	126	198	252	251
White	321	419	418	549	713	814	802	938	1,128	1,215	1,039
More than one race	na	na	na	na	na	na	12	20	31	48	53
Other race or race not reported ^b	2	0	2	0	13	9	11	9	10	23	27
Ethnicity not reported	16	17	8	5	3	15	24	37	32	28	30
Mathematics and statistics	924	583	419	424	773	575	543	838	889	927	996
Hispanic or Latino	8	5	12	11	15	15	24	36	41	56	99
Not Hispanic or Latino											
American Indian or Alaska Native	3	0	0	1	2	2	0	3	0	0	1
Asian ^a	62	42	33	27	207	70	67	89	96	118	154
Black or African American	11	12	7	4	5	14	22	22	25	30	39
White	795	496	350	373	535	464	410	640	671	660	618
More than one race	na	na	na	na	na	na	3	15	17	44	48
Other race or race not reported ^b	2	0	2	0	3	4	8	6	10	10	24
Ethnicity not reported	43	28	15	8	6	6	9	27	29	9	13
Physical sciences	2,560	2,035	2,178	2,318	2,824	2,072	1,900	2,287	2,777	2,930	3,147
Hispanic or Latino	19	27	30	72	74	77	74	102	137	187	329
Not Hispanic or Latino											
American Indian or Alaska Native	0	3	3	3	7	9	4	7	7	3	5
Asian ^a	167	164	150	162	748	202	195	216	248	268	345
Black or African American	33	16	27	30	42	61	55	69	90	66	117
White	2,176	1,660	1,900	1,988	1,909	1,674	1,492	1,758	2,163	2,246	2,121
More than one race	na	na	na	na	na	na	32	51	73	104	145
Other race or race not reported ^b	14	1	10	17	14	19	23	12	14	26	40
Ethnicity not reported	151	164	58	46	30	30	25	72	45	30	45
Psychology	2,614	2,911	2,864	2,993	3,184	3,231	2,894	2,874	3,103	3,309	3,273
Hispanic or Latino	34	56	69	109	146	211	192	196	246	355	474
Not Hispanic or Latino											
American Indian or Alaska Native	5	6	10	19	14	22	14	20	11	3	10
Asian ^a	20	49	44	53	121	145	124	167	190	192	256
Black or African American	76	118	104	115	149	189	159	163	240	262	305
White	2,357	2,559	2,590	2,645	2,722	2,608	2,212	2,127	2,256	2,293	1,983
More than one race	na	na	na	na	na	na	50	81	81	120	128
Other race or race not reported ^b	11	7	6	23	20	29	22	18	20	31	61
Ethnicity not reported	111	116	41	29	12	27	121	102	59	53	56
Social sciences	3,050	2,517	2,148	2,105	2,501	2,734	2,392	2,967	3,635	3,285	3,168

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(Number)

Field, ethnicity, and race	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
Hispanic or Latino	29	58	73	91	91	103	144	190	255	300	352
Not Hispanic or Latino											
American Indian or Alaska Native	3	7	9	6	17	19	19	18	20	19	16
Asian ^a	73	102	86	105	296	170	159	208	252	249	316
Black or African American	101	93	104	104	132	182	159	187	293	275	358
White	2,634	2,126	1,799	1,759	1,927	2,163	1,802	2,192	2,598	2,252	1,851
More than one race	na	na	na	na	na	na	44	69	113	113	147
Other race or race not reported ^b	16	4	18	13	21	55	31	28	39	38	72
Ethnicity not reported	194	127	59	27	17	42	34	75	65	39	56
Non-science and engineering	12,811	11,573	10,161	10,565	12,147	11,744	10,734	10,158	10,500	9,539	8,671
Hispanic or Latino	189	268	329	355	463	550	589	629	768	852	906
Not Hispanic or Latino											
American Indian or Alaska Native	22	47	53	54	71	77	67	39	60	43	39
Asian ^a	175	205	226	261	546	468	431	519	585	574	595
Black or African American	747	765	661	648	861	979	941	930	968	1,049	1,207
White	11,066	9,793	8,722	9,114	10,080	9,404	8,237	7,460	7,651	6,506	5,292
More than one race	na	na	na	na	na	na	139	190	238	244	276
Other race or race not reported ^b	87	23	35	38	52	137	116	100	69	110	148
Ethnicity not reported	525	472	135	95	74	129	214	291	161	161	208
Business	666	524	579	668	967	722	631	746	892	708	597
Hispanic or Latino	5	4	6	11	17	22	37	31	41	46	43
Not Hispanic or Latino											
American Indian or Alaska Native	0	0	2	3	7	4	1	1	2	2	2
Asian ^a	24	27	47	59	115	67	51	94	130	106	88
Black or African American	13	15	12	16	32	43	52	68	84	102	86
White	596	449	504	569	790	570	466	509	608	412	322
More than one race	na	na	na	na	na	na	5	13	13	19	14
Other race or race not reported ^b	2	2	0	3	2	6	5	5	4	6	17
Ethnicity not reported	26	27	8	7	4	10	14	25	10	15	25
Education	6,934	6,864	5,909	5,789	5,993	5,686	5,255	4,476	4,196	3,895	3,738
Hispanic or Latino	100	153	190	191	258	285	293	275	315	371	412
Not Hispanic or Latino											
American Indian or Alaska Native	16	43	40	37	41	51	41	22	28	16	20
Asian ^a	71	93	98	104	179	174	153	186	195	205	221
Black or African American	615	606	505	495	623	693	648	622	631	627	711
White	5,874	5,700	4,992	4,900	4,846	4,375	3,903	3,129	2,848	2,473	2,112
More than one race	na	na	na	na	na	na	58	77	89	99	129

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(Number)

Field, ethnicity, and race	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
Other race or race not reported ^b	44	11	23	23	24	49	46	40	23	41	49
Ethnicity not reported	214	258	61	39	22	59	113	125	67	63	84
Humanities and arts	4,641	3,480	3,006	3,352	4,327	4,569	4,002	3,991	4,425	3,908	3,222
Hispanic or Latino	80	98	108	132	160	212	215	269	361	353	369
Not Hispanic or Latino											
American Indian or Alaska Native	5	3	7	8	20	20	21	14	25	16	11
Asian ^a	60	66	62	72	204	193	192	178	197	207	189
Black or African American	87	93	75	75	124	166	173	170	138	172	204
White	4,112	3,048	2,686	3,014	3,755	3,852	3,203	3,113	3,490	2,937	2,221
More than one race	na	na	na	na	na	na	64	83	109	107	95
Other race or race not reported ^b	40	8	11	10	22	73	56	47	36	51	60
Ethnicity not reported	257	164	57	41	42	53	78	117	69	65	73
Other non-science and engineering	570	705	667	756	860	767	846	945	987	1,028	1,114
Hispanic or Latino	4	13	25	21	28	31	44	54	51	82	82
Not Hispanic or Latino											
American Indian or Alaska Native	1	1	4	6	3	2	4	2	5	9	6
Asian ^a	20	19	19	26	48	34	35	61	63	56	97
Black or African American	32	51	69	62	82	77	68	70	115	148	206
White	484	596	540	631	689	607	665	709	705	684	637
More than one race	na	na	na	na	na	na	12	17	27	19	38
Other race or race not reported ^b	1	2	1	2	4	9	9	8	6	12	22
Ethnicity not reported	28	23	9	8	6	7	9	24	15	18	26

na = not applicable; doctorate recipients were instructed to indicate only one race before 2001 or field level data were not collected at this level of detail.

^a Asian includes Native Hawaiians or Other Pacific Islanders through 2000 but excludes them since 2001.

^b Before 2001, other race included doctorate recipients who selected more than one race. Since 2001, other race has included Native Hawaiians or Other Pacific Islanders, who previously had been included in the category Asian.

Note(s):
Hispanic or Latino may be of any race; race categories exclude Hispanic origin. The survey data collection for the field of study changed in 2021, which may affect the data comparison across years. This table uses a trend field taxonomy that facilitates trend comparisons with prior years (see table A-5).
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.