

TABLE F-6. S&E doctorates awarded to U.S. citizens and permanent residents, by field and race/ethnicity: 1999–2006

Field and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
All S&E	17,570	17,117	16,350	15,535	15,740	15,746	16,024	16,712
White	13,721	13,444	12,746	11,930	12,029	12,033	12,268	12,672
Asian ^a	1,932	1,707	1,635	1,620	1,529	1,494	1,634	1,766
Black	716	710	703	688	664	751	706	741
Hispanic	722	730	670	723	744	718	802	872
American Indian/Alaska Native	114	88	73	69	73	60	67	48
Other/unknown race/ethnicity ^b	365	438	523	505	701	690	547	613
Science	14,679	14,544	13,895	13,368	13,562	13,558	13,739	14,227
White	11,610	11,554	10,990	10,451	10,469	10,485	10,662	10,949
Asian ^a	1,419	1,267	1,208	1,211	1,182	1,140	1,230	1,328
Black	618	629	611	603	587	657	606	638
Hispanic	639	648	579	625	640	630	713	760
American Indian/Alaska Native	102	80	67	63	61	54	58	44
Other/unknown race/ethnicity ^b	291	366	440	415	623	592	470	508
Agricultural sciences	561	559	506	492	562	566	557	577
White	456	452	430	417	465	470	486	479
Asian ^a	50	36	25	29	26	31	22	29
Black	27	22	14	13	22	20	16	24
Hispanic	16	29	26	21	25	16	18	27
American Indian/Alaska Native	1	5	0	2	4	4	3	3
Other/unknown race/ethnicity ^b	11	15	11	10	20	25	12	15
Biological sciences	4,123	4,268	4,252	4,117	4,061	4,197	4,392	4,467
White	3,128	3,307	3,261	3,122	3,061	3,189	3,332	3,401
Asian ^a	608	539	547	561	530	490	536	539
Black	116	118	139	125	108	149	159	148
Hispanic	174	174	165	182	176	192	227	225
American Indian/Alaska Native	20	17	15	12	11	14	12	6
Other/unknown race/ethnicity ^b	77	113	125	115	175	163	126	148
Computer sciences	493	458	429	422	446	447	469	579
White	356	337	325	292	308	320	323	407
Asian ^a	87	76	64	87	81	72	92	126
Black	19	18	15	17	17	17	15	15
Hispanic	14	14	8	14	11	13	12	7
American Indian/Alaska Native	1	1	1	2	2	2	1	2
Other/unknown race/ethnicity ^b	16	12	16	10	27	23	26	22
Earth, atmospheric, ocean sciences	471	474	411	433	451	438	442	473
White	387	411	354	374	379	379	384	406
Asian ^a	35	23	27	24	22	11	18	24
Black	11	4	5	5	13	7	6	5
Hispanic	20	16	9	14	15	11	18	21
American Indian/Alaska Native	6	4	0	0	2	4	4	1
Other/unknown race/ethnicity ^b	12	16	16	16	20	26	12	16
Mathematics and statistics	605	574	528	444	517	511	542	615
White	506	464	429	371	407	399	413	475
Asian ^a	56	70	51	28	51	54	67	70
Black	12	14	19	14	16	10	22	20
Hispanic	15	15	15	12	17	26	24	25
American Indian/Alaska Native	1	2	2	3	2	0	0	0
Other/unknown race/ethnicity ^b	15	9	12	16	24	22	16	25
Physical sciences	2,265	2,072	2,035	1,924	1,951	1,858	1,899	1,993
White	1,829	1,674	1,636	1,534	1,537	1,468	1,500	1,620
Asian ^a	252	202	200	193	184	164	196	183
Black	66	61	55	67	55	60	55	48
Hispanic	63	77	65	63	72	62	74	79
American Indian/Alaska Native	9	9	12	7	2	5	4	4
Other/unknown race/ethnicity ^b	46	49	67	60	101	99	70	59
Chemistry	1,406	1,241	1,233	1,229	1,266	1,184	1,212	1,266
White	1,090	988	974	987	1,003	922	956	1,002

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Field and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Asian ^a	183	121	126	122	112	112	124	125
Black	56	44	42	44	42	47	41	35
Hispanic	46	51	43	38	45	43	55	64
American Indian/Alaska Native	5	7	11	5	2	4	2	3
Other/unknown race/ethnicity ^b	26	30	37	33	62	56	34	37
Physics and astronomy	859	831	802	695	685	674	687	727
White	739	686	662	547	534	546	544	618
Asian ^a	69	81	74	71	72	52	72	58
Black	10	17	13	23	13	13	14	13
Hispanic	17	26	22	25	27	19	19	15
American Indian/Alaska Native	4	2	1	2	0	1	2	1
Other/unknown race/ethnicity ^b	20	19	30	27	39	43	36	22
Psychology	3,293	3,231	2,991	2,802	2,859	2,788	2,892	2,798
White	2,701	2,607	2,420	2,236	2,264	2,137	2,285	2,119
Asian ^a	132	145	114	121	119	152	132	171
Black	172	189	174	170	169	206	164	176
Hispanic	216	211	169	184	170	172	189	210
American Indian/Alaska Native	35	22	17	15	22	12	15	15
Other/unknown race/ethnicity ^b	37	57	97	76	115	109	107	107
Social sciences	2,868	2,908	2,743	2,734	2,715	2,753	2,546	2,725
White	2,247	2,302	2,135	2,105	2,048	2,123	1,939	2,042
Asian ^a	199	176	180	168	169	166	167	186
Black	195	203	190	192	187	188	169	202
Hispanic	121	112	122	135	154	138	151	166
American Indian/Alaska Native	29	20	20	22	16	13	19	13
Other/unknown race/ethnicity ^b	77	95	96	112	141	125	101	116
Economics	543	501	464	426	408	401	385	399
White	417	395	359	328	313	309	292	274
Asian ^a	65	48	59	56	55	42	43	62
Black	28	22	13	13	11	24	10	22
Hispanic	21	22	18	16	17	11	27	23
American Indian/Alaska Native	1	1	2	0	1	0	1	2
Other/unknown race/ethnicity ^b	11	13	13	13	11	15	12	16
Political science and public administration	806	802	751	733	767	732	724	715
White	641	637	587	577	595	575	572	553
Asian ^a	45	38	36	33	31	38	33	26
Black	59	61	71	63	70	64	56	70
Hispanic	31	28	23	36	32	31	36	41
American Indian/Alaska Native	7	4	5	3	7	2	4	2
Other/unknown race/ethnicity ^b	23	34	29	21	32	22	23	23
Sociology	459	515	473	479	487	467	426	475
White	346	383	352	351	348	359	303	362
Asian ^a	30	32	27	29	22	28	30	22
Black	45	57	44	47	47	37	41	42
Hispanic	26	26	39	25	40	27	34	35
American Indian/Alaska Native	4	6	2	7	0	2	4	0
Other/unknown race/ethnicity ^b	8	11	9	20	30	14	14	14
Other	1060	1090	1055	1096	1053	1153	1011	1136
White	843	887	837	849	792	880	772	853
Asian ^a	59	58	58	50	61	58	61	76
Black	63	63	62	69	59	63	62	68
Hispanic	43	36	42	58	65	69	54	67
American Indian/Alaska Native	17	9	11	12	8	9	10	9
Other/unknown race/ethnicity ^b	35	37	45	58	68	74	52	63
Engineering	2,891	2,573	2,455	2,167	2,178	2,188	2,285	2,485
White	2,111	1,890	1,756	1,479	1,560	1,548	1,606	1,723
Asian ^a	513	440	427	409	347	354	404	438
Black	98	81	92	85	77	94	100	103

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Field and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Hispanic	83	82	91	98	104	88	89	112
American Indian/Alaska Native	12	8	6	6	12	6	9	4
Other/unknown race/ethnicity ^b	74	72	83	90	78	98	77	105
Chemical engineering	371	383	362	335	292	314	331	377
White	286	280	273	223	210	218	237	270
Asian ^a	58	70	53	70	46	58	46	62
Black	11	8	17	12	9	10	14	13
Hispanic	7	18	7	16	16	12	21	22
American Indian/Alaska Native	2	1	1	1	1	2	0	0
Other/unknown race/ethnicity ^b	7	6	11	13	10	14	13	10
Civil engineering	312	261	270	248	269	224	252	243
White	241	194	194	185	217	156	191	166
Asian ^a	46	43	38	29	20	34	33	42
Black	6	6	11	13	9	7	9	14
Hispanic	12	9	9	9	13	20	11	13
American Indian/Alaska Native	2	1	0	0	1	3	0	0
Other/unknown race/ethnicity ^b	5	8	18	12	9	4	8	8
Electrical engineering	766	649	566	507	502	501	566	553
White	510	444	370	305	296	315	352	354
Asian ^a	172	141	137	131	134	109	144	132
Black	30	21	22	16	21	33	31	20
Hispanic	30	22	22	31	23	15	15	19
American Indian/Alaska Native	1	0	1	0	5	1	3	1
Other/unknown race/ethnicity ^b	23	21	14	24	23	28	21	27
Mechanical engineering	464	396	428	343	333	298	324	383
White	336	279	302	227	246	210	238	278
Asian ^a	88	72	75	70	51	47	50	57
Black	12	18	17	17	9	17	11	15
Hispanic	9	12	21	12	13	10	13	11
American Indian/Alaska Native	2	3	1	1	1	0	4	3
Other/unknown race/ethnicity ^b	17	12	12	16	13	14	8	19
Other	978	884	829	734	782	851	812	929
White	738	693	617	539	591	649	588	655
Asian ^a	149	114	124	109	96	106	131	145
Black	39	28	25	27	29	27	35	41
Hispanic	25	21	32	30	39	31	29	47
American Indian/Alaska Native	5	3	3	4	4	0	2	0
Other/unknown race/ethnicity ^b	22	25	28	25	23	38	27	41

^a Includes Native Hawaiians/other Pacific Islanders through 2000 but excludes them in 2001–2006 per revised Office of Management and Budget guidelines.

^b Includes only those with unknown race/ethnicity through 2000. In 2001, this category was expanded to include Native Hawaiians/other Pacific Islanders and respondents choosing multiple races (excluding those selecting Hispanic ethnicity).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 1999–2006.