

TABLE F-6. S&E doctorates awarded to U.S. citizens and permanent residents, by field and race/ethnicity: 1994–2001

Field and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
All S&E fields	18,187	18,997	18,650	18,398	18,257	17,565	17,106	16,262
White	13,882	13,889	13,997	13,827	14,001	13,717	13,431	12,708
Asian/Pacific Islander	2,981	3,659	3,079	2,530	2,135	1,936	1,705	1,636
Black	499	550	573	615	646	714	711	696
Hispanic	548	573	626	659	754	721	728	669
American Indian/Alaskan Native	64	67	96	79	97	114	88	74
Other or unknown race/ethnicity	213	259	279	688	624	363	443	479
Sciences	15,134	15,655	15,261	15,066	15,211	14,677	14,537	13,827
White	11,862	11,797	11,734	11,540	11,831	11,607	11,545	10,962
Asian/Pacific Islander	2,116	2,627	2,183	1,823	1,581	1,424	1,266	1,214
Black	445	480	499	517	563	616	630	604
Hispanic	482	496	527	562	644	639	646	578
American Indian/Alaskan Native	58	58	82	62	84	102	80	67
Other/unknown	171	197	236	562	508	289	370	402
Agricultural sciences	616	598	576	550	543	494	502	429
White	487	473	443	411	417	398	414	371
Asian/Pacific Islander	72	78	80	63	47	46	30	16
Black	22	17	24	24	19	24	18	12
Hispanic	25	21	13	26	35	15	26	19
American Indian/Alaskan Native	1	2	6	5	9	1	4	0
Other or unknown race/ethnicity	9	7	10	21	16	10	10	11
Biological sciences	4,088	4,329	4,365	4,256	4,308	4,124	4,265	4,216
White	3,105	3,115	3,171	3,158	3,246	3,128	3,306	3,240
Asian/Pacific Islander	719	920	885	721	657	609	538	552
Black	78	107	98	112	111	116	118	136
Hispanic	131	127	131	146	168	175	173	164
American Indian/Alaskan Native	16	15	20	7	12	20	17	15
Other or unknown race/ethnicity	39	45	60	112	114	76	113	109
Computer sciences	543	616	514	520	561	492	457	420
White	401	450	356	361	412	356	335	319
Asian/Pacific Islander	116	137	111	107	90	87	76	61
Black	10	11	12	4	14	18	18	15
Hispanic	7	6	16	16	15	14	14	8
American Indian/Alaskan Native	1	0	4	1	4	1	1	1
Other or unknown race/ethnicity	8	12	15	31	26	16	13	16
Earth, atmospheric, ocean sciences	613	594	558	607	562	525	508	464
White	504	464	449	487	464	433	430	394
Asian/Pacific Islander	89	104	77	71	51	39	27	35
Black	6	3	4	8	8	14	7	5
Hispanic	8	13	19	16	16	21	18	15
American Indian/Alaskan Native	1	0	2	2	3	6	5	0
Other or unknown race/ethnicity	5	10	7	23	20	12	21	15
Atmospheric sciences	91	93	83	102	85	76	86	61
White	65	64	61	79	69	62	73	51
Asian/Pacific Islander	25	28	19	19	9	9	6	5
Black	1	0	0	0	2	2	1	0
Hispanic	0	0	1	1	1	3	2	1
American Indian/Alaskan Native	0	0	1	0	0	0	0	0
Other/unknown	0	1	1	3	4	0	4	4
Earth sciences	396	348	330	349	348	295	269	259
White	324	278	274	286	291	242	234	223
Asian/Pacific Islander	54	56	37	34	29	20	12	19
Black	4	0	2	5	3	6	1	2
Hispanic	8	7	12	10	9	11	8	7
American Indian/Alaskan Native	1	0	0	0	3	6	4	0

TABLE F-6. S&E doctorates awarded to U.S. citizens and permanent residents, by field and race/ethnicity: 1994–2001

Field and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Other/unknown	5	7	5	14	13	10	10	8
Oceanography	82	85	92	87	81	87	97	73
White	74	67	71	68	67	71	86	62
Asian/Pacific Islander	8	14	14	8	6	6	3	4
Black	0	1	0	1	0	3	1	3
Hispanic	0	3	6	4	6	6	5	1
American Indian/Alaskan Native	0	0	0	2	0	0	0	0
Other or unknown race/ethnicity	0	0	1	4	2	1	2	3
Other	44	68	53	69	48	67	56	71
White	41	55	43	54	37	58	37	58
Asian/Pacific Islander	2	6	7	10	7	4	6	7
Black	1	2	2	2	3	3	4	0
Hispanic	0	3	0	1	0	1	3	6
American Indian/Alaskan Native	0	0	1	0	0	0	1	0
Other or unknown race/ethnicity	0	2	0	2	1	1	5	0
Mathematics and statistics	657	771	648	629	669	605	573	522
White	479	535	478	479	526	505	463	427
Asian/Pacific Islander	142	207	140	97	71	57	70	48
Black	11	5	8	7	16	12	14	19
Hispanic	13	15	11	20	27	15	15	15
American Indian/Alaskan Native	2	2	1	1	3	1	2	2
Other or unknown race/ethnicity	10	7	10	25	26	15	9	11
Physical sciences	2,789	2,841	2,570	2,497	2,455	2,277	2,092	2,043
White	2,024	1,924	1,884	1,883	1,915	1,839	1,691	1,647
Asian/Pacific Islander	598	749	501	400	331	253	203	202
Black	46	42	60	52	56	66	62	54
Hispanic	90	73	67	69	54	63	78	65
American Indian/Alaskan Native	6	7	6	10	10	9	9	12
Other or unknown race/ethnicity	25	46	52	83	89	47	49	63
Astronomy	112	141	149	158	147	117	139	123
White	97	111	131	132	120	109	115	103
Asian/Pacific Islander	10	22	12	8	13	3	13	6
Black	0	1	0	2	1	2	1	1
Hispanic	2	4	2	3	2	1	3	7
American Indian/Alaskan Native	0	0	0	1	1	1	1	1
Other or unknown race/ethnicity	3	3	4	12	10	1	6	5
Chemistry	1,616	1,624	1,462	1,439	1,467	1,406	1,241	1,229
White	1,179	1,112	1,061	1,078	1,129	1,090	988	974
Asian/Pacific Islander	331	415	295	234	206	183	121	125
Black	34	33	45	35	45	56	44	42
Hispanic	59	43	36	44	34	46	51	43
American Indian/Alaskan Native	4	5	4	6	7	5	7	11
Other or unknown race/ethnicity	9	16	21	42	46	26	30	34
Physics	1,044	1,059	949	883	823	742	692	676
White	735	687	683	658	650	629	571	555
Asian/Pacific Islander	254	311	193	157	111	67	68	71
Black	11	8	15	15	10	8	16	11
Hispanic	29	26	29	22	18	16	23	15
American Indian/Alaskan Native	2	2	2	2	2	3	1	0
Other or unknown race/ethnicity	13	25	27	29	32	19	13	24
Other	17	17	10	17	18	12	20	15
White	13	14	9	15	16	11	17	15
Asian/Pacific Islander	3	1	1	1	1	0	1	0
Black	1	0	0	0	0	0	1	0
Hispanic	0	0	0	0	0	0	1	0
American Indian/Alaskan Native	0	0	0	1	0	0	0	0

TABLE F-6. S&E doctorates awarded to U.S. citizens and permanent residents, by field and race/ethnicity: 1994–2001

Field and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Other or unknown race/ethnicity	0	2	0	0	1	1	0	0
Psychology	3,136	3,185	3,235	3,130	3,274	3,293	3,230	3,013
White	2,729	2,723	2,745	2,525	2,645	2,702	2,603	2,438
Asian/Pacific Islander	108	121	121	126	113	132	146	120
Black	124	149	152	151	158	172	190	174
Hispanic	133	146	173	171	208	215	211	174
American Indian/Alaskan Native	12	14	18	18	31	35	22	17
Other or unknown race/ethnicity	30	32	26	139	119	37	58	90
Social sciences	2,692	2,721	2,795	2,877	2,839	2,867	2,910	2,720
White	2,133	2,113	2,208	2,236	2,206	2,246	2,303	2,126
Asian/Pacific Islander	272	311	268	238	221	201	176	180
Black	148	146	141	159	181	194	203	189
Hispanic	75	95	97	98	121	121	111	118
American Indian/Alaskan Native	19	18	25	18	12	29	20	20
Other or unknown race/ethnicity	45	38	56	128	98	76	97	87
Anthropology	359	358	341	376	380	401	411	367
White	309	298	289	299	298	330	337	289
Asian/Pacific Islander	18	21	15	14	18	19	19	19
Black	13	6	6	12	10	15	21	13
Hispanic	7	19	13	16	21	12	13	20
American Indian/Alaskan Native	6	5	5	3	5	8	5	8
Other or unknown race/ethnicity	6	9	13	32	28	17	16	18
Area and ethnic studies	99	106	123	88	104	94	118	130
White	73	79	95	70	79	69	93	98
Asian/Pacific Islander	7	8	8	3	2	4	5	4
Black	10	11	9	9	17	13	11	17
Hispanic	3	2	3	1	4	3	5	5
American Indian/Alaskan Native	3	1	2	4	1	3	1	2
Other or unknown race/ethnicity	3	5	6	1	1	2	3	4
Economics	566	626	608	590	578	543	503	459
White	430	459	450	431	428	417	397	358
Asian/Pacific Islander	93	120	103	89	85	65	48	56
Black	23	25	22	22	23	28	22	12
Hispanic	15	14	20	25	26	21	22	18
American Indian/Alaskan Native	1	2	1	1	0	1	1	2
Other or unknown race/ethnicity	4	6	12	22	16	11	13	13
History of science	26	33	29	33	35	42	35	39
White	23	30	27	25	31	36	32	31
Asian/Pacific Islander	2	2	0	2	0	3	0	3
Black	1	0	1	3	0	1	1	1
Hispanic	0	1	1	0	1	0	1	2
American Indian/Alaskan Native	0	0	0	0	0	0	0	0
Other or unknown race/ethnicity	0	0	0	3	3	2	1	2
Linguistics	131	118	118	159	136	156	118	123
White	96	95	88	117	103	123	98	97
Asian/Pacific Islander	27	16	20	25	22	13	11	9
Black	0	1	4	3	4	4	1	6
Hispanic	8	5	4	7	6	13	4	4
American Indian/Alaskan Native	0	0	1	1	0	1	0	0
Other or unknown race/ethnicity	0	1	1	6	1	2	4	7
Political science and public administration	715	689	743	789	791	805	803	747
White	570	560	592	655	633	640	637	586
Asian/Pacific Islander	48	51	46	45	42	46	38	36
Black	52	49	59	37	55	59	61	71
Hispanic	24	21	29	19	35	31	28	21
American Indian/Alaskan Native	4	2	4	4	3	7	4	5

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Field and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Other or unknown race/ethnicity	17	6	13	29	23	22	35	28
Sociology	420	429	424	461	442	459	514	469
White	332	328	328	346	345	346	382	349
Asian/Pacific Islander	38	50	44	29	23	30	32	30
Black	26	29	25	42	40	45	57	44
Hispanic	12	16	13	19	15	26	26	38
American Indian/Alaskan Native	4	1	7	4	3	4	6	2
Other or unknown race/ethnicity	8	5	7	21	16	8	11	6
Other	376	362	409	381	373	367	408	386
White	300	264	339	293	289	285	327	318
Asian/Pacific Islander	39	43	32	31	29	21	23	23
Black	23	25	15	31	32	29	29	25
Hispanic	6	17	14	11	13	15	12	10
American Indian/Alaskan Native	1	7	5	1	0	5	3	1
Other or unknown race/ethnicity	7	6	4	14	10	12	14	9
Engineering	3,053	3,342	3,389	3,332	3,046	2,888	2,569	2,435
White	2,020	2,092	2,263	2,287	2,170	2,110	1,886	1,746
Asian/Pacific Islander	865	1,032	896	707	554	512	439	422
Black	54	70	74	98	83	98	81	92
Hispanic	66	77	99	97	110	82	82	91
American Indian/Alaskan Native	6	9	14	17	13	12	8	7
Other or unknown race/ethnicity	42	62	43	126	116	74	73	77
Aerospace	130	153	184	168	152	112	127	102
White	100	119	149	137	126	97	107	79
Asian/Pacific Islander	23	24	28	16	12	13	11	12
Black	1	1	5	3	1	1	4	1
Hispanic	3	7	2	4	5	0	3	5
American Indian/Alaskan Native	1	0	0	0	0	0	0	0
Other or unknown race/ethnicity	2	2	0	8	8	1	2	5
Chemical	380	381	391	409	374	371	382	355
White	259	256	274	293	275	286	280	268
Asian/Pacific Islander	96	101	80	73	65	58	69	52
Black	8	3	12	16	3	11	8	17
Hispanic	7	13	19	7	13	7	18	7
American Indian/Alaskan Native	1	2	1	4	3	2	1	1
Other or unknown race/ethnicity	9	6	5	16	15	7	6	10
Civil	292	309	305	327	297	312	260	269
White	199	194	199	220	216	241	193	194
Asian/Pacific Islander	69	91	89	72	38	46	43	37
Black	8	11	8	10	10	6	6	11
Hispanic	14	11	6	12	16	12	9	9
American Indian/Alaskan Native	0	0	2	2	0	2	1	0
Other or unknown race/ethnicity	2	2	1	11	17	5	8	18
Electrical	899	971	929	940	804	765	647	561
White	548	590	589	579	523	510	442	370
Asian/Pacific Islander	303	322	276	256	205	172	141	133
Black	17	24	22	31	23	30	21	22
Hispanic	21	15	27	26	31	29	22	22
American Indian/Alaskan Native	1	1	2	5	3	1	0	1
Other or unknown race/ethnicity	9	19	13	43	19	23	21	13
Industrial	119	149	136	119	101	100	77	88
White	83	93	94	80	72	81	59	53
Asian/Pacific Islander	28	41	28	22	11	07	11	22
Black	6	8	3	9	8	7	4	6
Hispanic	1	4	6	5	7	4	0	3
American Indian/Alaskan Native	0	1	3	0	0	0	0	1

TABLE F-6. S&E doctorates awarded to U.S. citizens and permanent residents, by field and race/ethnicity: 1994–2001

Field and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Other or unknown race/ethnicity	1	2	2	3	3	1	3	3
Materials	297	352	337	315	313	260	244	225
White	202	194	217	234	225	184	190	165
Asian/Pacific Islander	82	136	102	59	55	52	34	38
Black	3	6	3	4	10	7	5	6
Hispanic	4	7	6	10	8	8	8	9
American Indian/Alaskan Native	1	0	2	0	2	2	0	1
Other or unknown race/ethnicity	5	9	7	8	13	7	7	6
Mechanical	538	563	588	538	516	463	397	427
White	337	339	392	376	371	335	279	300
Asian/Pacific Islander	179	188	166	113	89	88	72	76
Black	7	13	10	12	14	12	18	17
Hispanic	8	8	13	15	19	9	12	21
American Indian/Alaskan Native	0	2	3	6	2	2	3	1
Other or unknown race/ethnicity	7	13	4	16	21	17	13	12
Other	398	464	519	516	489	505	435	408
White	292	307	349	368	362	376	336	317
Asian/Pacific Islander	85	129	127	96	79	76	58	52
Black	4	4	11	13	14	24	15	12
Hispanic	8	12	20	18	11	13	10	15
American Indian/Alaskan Native	2	3	1	0	3	3	3	2
Other/unknown	7	9	11	21	20	13	13	10

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 1994–2001.