

TABLE F-5. Field distribution of doctorate recipients, by race/ethnicity and citizenship: 2003

Race/ethnicity and citizenship	All fields	All S&E	Science	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmo-	Mathe-	Physical sciences	Psych-ology	Social sciences	Engi-neering	Non-S&E
							spheric, and ocean sciences	matics and statistics					
All doctorate recipients	40,710	25,258	19,993	922	5,694	866	783	994	3,320	3,275	4,139	5,265	15,452
U.S. citizen	26,413	14,571	12,673	443	3,782	384	474	470	1,815	2,776	2,529	1,898	11,842
Permanent resident	1,631	1,098	833	34	265	56	38	46	151	70	173	265	533
Temporary resident	10,585	8,388	5,479	392	1,401	379	228	440	1,224	197	1,218	2,909	2,197
Unknown citizenship	2,081	1,201	1,008	53	246	47	43	38	130	232	219	193	880
White	24,405	14,281	12,136	499	3,367	424	504	585	1,948	2,381	2,428	2,145	10,124
U.S. citizen	20,818	11,575	10,122	388	2,970	291	415	379	1,495	2,215	1,969	1,453	9,243
Permanent resident	668	414	311	8	83	13	14	28	57	39	69	103	254
Temporary resident	2,814	2,221	1,645	103	309	119	71	176	390	94	383	576	593
Unknown citizenship	105	71	58	0	5	1	4	2	6	33	7	13	34
Asian ^a	8,251	6,569	4,184	198	1,442	296	139	263	909	197	740	2,385	1,682
U.S. citizen	1,350	987	783	6	373	43	09	38	108	103	103	204	363
Permanent resident	668	518	383	15	151	36	16	13	73	15	64	135	150
Temporary resident	6,209	5,047	3,004	177	915	217	114	211	723	77	570	2,043	1,162
Unknown citizenship	24	17	14	0	3	0	0	1	5	2	3	3	7
Black	2,097	835	733	43	133	20	20	22	78	176	241	102	1,262
U.S. citizen	1,708	612	543	12	100	17	15	14	50	162	173	69	1,096
Permanent resident	88	49	43	4	8	0	2	2	7	6	14	6	39
Temporary resident	266	163	138	27	23	3	3	6	20	3	53	25	103
Unknown citizenship	35	11	9	0	2	0	0	0	1	5	1	2	24
Hispanic	2,206	1,336	1,087	98	286	28	44	48	117	180	286	249	870
U.S. citizen	1,270	654	564	16	157	8	13	14	61	161	134	90	616
Permanent resident	149	84	71	6	18	2	5	2	11	8	19	13	65
Temporary resident	780	594	449	76	111	18	26	32	45	9	132	145	186
Unknown citizenship	7	4	3	0	0	0	0	0	0	2	1	1	3
American Indian/Alaska Native	141	75	64	4	11	2	2	2	3	22	18	11	66
U.S. citizen	133	71	61	4	11	2	2	2	2	22	16	10	62
Permanent resident	3	1	0	0	0	0	0	0	0	0	0	1	2
Temporary resident	5	3	3	0	0	0	0	0	1	0	2	0	2
Unknown citizenship	0	0	0	0	0	0	0	0	0	0	0	0	0
Other/unknown race/ethnicity ^b	3,610	2,162	1,789	80	455	96	74	74	265	319	426	373	1,448
U.S. citizen	1,134	672	600	17	171	23	20	23	99	113	134	72	462
Permanent resident	55	32	25	1	5	5	1	1	3	2	7	7	23
Temporary resident	511	360	240	9	43	22	14	15	45	14	78	120	151
Unknown citizenship	1,910	1,098	924	53	236	46	39	35	118	190	207	174	812

Women, Minorities, and Persons with Disabilities in Science and Engineering

TABLE F-5. Field distribution of doctorate recipients, by race/ethnicity and citizenship: 2003

Race/ethnicity and citizenship	All fields	All S&E	Science	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E
All doctorate recipients	100.0	62.0	49.1	2.3	14.0	2.1	1.9	2.4	8.2	8.0	10.2	12.9	38.0
U.S. citizen	100.0	55.2	48.0	1.7	14.3	1.5	1.8	1.8	6.9	10.5	9.6	7.2	44.8
Permanent resident	100.0	67.3	51.1	2.1	16.2	3.4	2.3	2.8	9.3	4.3	10.6	16.2	32.7
Temporary resident	100.0	79.2	51.8	3.7	13.2	3.6	2.2	4.2	11.6	1.9	11.5	27.5	20.8
Unknown citizenship	100.0	57.7	48.4	2.5	11.8	2.3	2.1	1.8	6.2	11.1	10.5	9.3	42.3
White	100.0	58.5	49.7	2.0	13.8	1.7	2.1	2.4	8.0	9.8	9.9	8.8	41.5
U.S. citizen	100.0	55.6	48.6	1.9	14.3	1.4	2.0	1.8	7.2	10.6	9.5	7.0	44.4
Permanent resident	100.0	62.0	46.6	1.2	12.4	1.9	2.1	4.2	8.5	5.8	10.3	15.4	38.0
Temporary resident	100.0	78.9	58.5	3.7	11.0	4.2	2.5	6.3	13.9	3.3	13.6	20.5	21.1
Unknown citizenship	100.0	67.6	55.2	0.0	4.8	1.0	3.8	1.9	5.7	31.4	6.7	12.4	32.4
Asian ^a	100.0	79.6	50.7	2.4	17.5	3.6	1.7	3.2	11.0	2.4	9.0	28.9	20.4
U.S. citizen	100.0	73.1	58.0	0.4	27.6	3.2	0.7	2.8	8.0	7.6	7.6	15.1	26.9
Permanent resident	100.0	77.5	57.3	2.2	22.6	5.4	2.4	1.9	10.9	2.2	9.6	20.2	22.5
Temporary resident	100.0	81.3	48.4	2.9	14.7	3.5	1.8	3.4	11.6	1.2	9.2	32.9	18.7
Unknown citizenship	100.0	70.8	58.3	0.0	12.5	0.0	0.0	4.2	20.8	8.3	12.5	12.5	29.2
Black	100.0	39.8	35.0	2.1	6.3	1.0	1.0	1.0	3.7	8.4	11.5	4.9	60.2
U.S. citizen	100.0	35.8	31.8	0.7	5.9	1.0	0.9	0.8	2.9	9.5	10.1	4.0	64.2
Permanent resident	100.0	55.7	48.9	4.5	9.1	0.0	2.3	2.3	8.0	6.8	15.9	6.8	44.3
Temporary resident	100.0	61.3	51.9	10.2	8.6	1.1	1.1	2.3	7.5	1.1	19.9	9.4	38.7
Unknown citizenship	100.0	31.4	25.7	0.0	5.7	0.0	0.0	0.0	2.9	14.3	2.9	5.7	68.6
Hispanic	100.0	60.6	49.3	4.4	13.0	1.3	2.0	2.2	5.3	8.2	13.0	11.3	39.4
U.S. citizen	100.0	51.5	44.4	1.3	12.4	0.6	1.0	1.1	4.8	12.7	10.6	7.1	48.5
Permanent resident	100.0	56.4	47.7	4.0	12.1	1.3	3.4	1.3	7.4	5.4	12.8	8.7	43.6
Temporary resident	100.0	76.2	57.6	9.7	14.2	2.3	3.3	4.1	5.8	1.2	16.9	18.6	23.8
Unknown citizenship	100.0	57.1	42.9	0.0	0.0	0.0	0.0	0.0	0.0	28.6	14.3	14.3	42.9
American Indian/Alaska Native	100.0	53.2	45.4	2.8	7.8	1.4	1.4	1.4	2.1	15.6	12.8	7.8	46.8
U.S. citizen	100.0	53.4	45.9	3.0	8.3	1.5	1.5	1.5	1.5	16.5	12.0	7.5	46.6
Permanent resident	100.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	66.7
Temporary resident	100.0	60.0	60.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	40.0	0.0	40.0
Unknown citizenship	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Women, Minorities, and Persons with Disabilities in Science and Engineering

TABLE F-5. Field distribution of doctorate recipients, by race/ethnicity and citizenship: 2003

Race/ethnicity and citizenship	All fields	All S&E	Science	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E
Other/unknown race/ethnicity ^b	100.0	59.9	49.6	2.2	12.6	2.7	2.0	2.0	7.3	8.8	11.8	10.3	40.1
U.S. citizen	100.0	59.3	52.9	1.5	15.1	2.0	1.8	2.0	8.7	10.0	11.8	6.3	40.7
Permanent resident	100.0	58.2	45.5	1.8	9.1	9.1	1.8	1.8	5.5	3.6	12.7	12.7	41.8
Temporary resident	100.0	70.5	47.0	1.8	8.4	4.3	2.7	2.9	8.8	2.7	15.3	23.5	29.5
Unknown citizenship	100.0	57.5	48.4	2.8	12.4	2.4	2.0	1.8	6.2	9.9	10.8	9.1	42.5

^a Excludes Native Hawaiians/other Pacific Islanders per revised Office of Management and Budget guidelines.

^b This category was expanded to include Native Hawaiians and other Pacific Islanders and respondents choosing multiple races (excluding those selecting an Hispanic ethnicity).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2003.