

TABLE F-5. Field distribution of doctorate recipients, by race/ethnicity and citizenship: 2004

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	
														Number
All doctorate recipients	42,155	26,275	20,499	1,046	5,937	949	672	1,075	3,353	3,336	4,131	5,776	15,880	
U.S. citizen	26,431	14,722	12,781	527	3,955	398	405	455	1,748	2,725	2,568	1,941	11,709	
Permanent resident	1,528	999	758	36	232	50	21	55	118	64	182	241	529	
Temporary resident	11,585	9,122	5,820	413	1,462	459	221	526	1,347	188	1,204	3,302	2,463	
Unknown citizenship	2,611	1,432	1,140	70	288	42	25	39	140	359	177	292	1,179	
White	24,578	14,453	12,303	553	3,536	458	446	585	1,888	2,308	2,529	2,150	10,125	
U.S. citizen	20,745	11,619	10,162	452	3,100	309	354	375	1,420	2,110	2,042	1,457	9,126	
Permanent resident	650	399	314	13	84	12	13	23	59	31	79	85	251	
Temporary resident	3,028	2,326	1,725	88	335	136	78	186	406	89	407	601	702	
Unknown citizenship	155	109	102	0	17	1	1	1	3	78	1	7	46	
Asian ^a	9,039	7,158	4,386	225	1,446	340	113	326	990	232	714	2,772	1,881	
U.S. citizen	1,449	1,066	837	13	379	42	6	29	125	135	108	229	383	
Permanent resident	605	425	300	18	109	30	5	25	37	18	58	125	180	
Temporary resident	6,941	5,636	3,232	194	955	267	101	272	823	74	546	2,404	1,305	
Unknown citizenship	44	31	17	0	3	1	1	0	5	5	2	14	13	
Black	2,376	961	832	53	179	21	13	22	85	216	243	129	1,415	
U.S. citizen	1,869	685	601	18	136	15	6	8	48	202	168	84	1,184	
Permanent resident	102	61	51	2	12	2	1	2	11	2	19	10	41	
Temporary resident	355	200	170	33	30	4	6	12	22	8	55	30	155	
Unknown citizenship	50	15	10	0	1	0	0	0	4	4	1	5	35	
Hispanic	2,019	1,276	1,043	82	274	40	39	61	102	179	266	233	743	
U.S. citizen	1,177	642	569	15	174	12	10	21	56	162	119	73	535	
Permanent resident	120	73	58	1	17	1	1	5	6	8	19	15	47	
Temporary resident	708	557	413	66	82	27	27	35	40	8	128	144	151	
Unknown citizenship	14	4	3	0	1	0	1	0	0	1	0	1	10	
American Indian/Alaska Native	135	62	56	4	14	2	4	0	5	13	14	6	73	
U.S. citizen	129	60	55	4	14	2	4	0	5	13	13	5	69	
Permanent resident	2	1	0	0	0	0	0	0	0	0	0	1	1	
Temporary resident	4	1	1	0	0	0	0	0	0	0	1	0	3	
Unknown citizenship	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other/unknown race/ethnicity ^b	4,008	2,365	1,879	129	488	88	57	81	283	388	365	486	1,643	
U.S. citizen	1,062	650	557	25	152	18	25	22	94	103	118	93	412	
Permanent resident	49	40	35	2	10	5	1	0	5	5	7	5	9	
Temporary resident	549	402	279	32	60	25	9	21	56	9	67	123	147	
Unknown citizenship	2,348	1,273	1,008	70	266	40	22	38	128	271	173	265	1,075	
	Percent distribution													
All doctorate recipients	100.0	62.3	48.6	2.5	14.1	2.3	1.6	2.6	8.0	7.9	9.8	13.7	37.7	
U.S. citizen	100.0	55.7	48.4	2.0	15.0	1.5	1.5	1.7	6.6	10.3	9.7	7.3	44.3	

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Permanent resident	100.0	65.4	49.6	2.4	15.2	3.3	1.4	3.6	7.7	4.2	11.9	15.8	34.6
Temporary resident	100.0	78.7	50.2	3.6	12.6	4.0	1.9	4.5	11.6	1.6	10.4	28.5	21.3
Unknown citizenship	100.0	54.8	43.7	2.7	11.0	1.6	1.0	1.5	5.4	13.7	6.8	11.2	45.2
White	100.0	58.8	50.1	2.2	14.4	1.9	1.8	2.4	7.7	9.4	10.3	8.7	41.2
U.S. citizen	100.0	56.0	49.0	2.2	14.9	1.5	1.7	1.8	6.8	10.2	9.8	7.0	44.0
Permanent resident	100.0	61.4	48.3	2.0	12.9	1.8	2.0	3.5	9.1	4.8	12.2	13.1	38.6
Temporary resident	100.0	76.8	57.0	2.9	11.1	4.5	2.6	6.1	13.4	2.9	13.4	19.8	23.2
Unknown citizenship	100.0	70.3	65.8	0.0	11.0	0.6	0.6	0.6	1.9	50.3	0.6	4.5	29.7
Asian ^a	100.0	79.2	48.5	2.5	16.0	3.8	1.3	3.6	11.0	2.6	7.9	30.7	20.8
U.S. citizen	100.0	73.6	57.8	0.9	26.2	2.9	0.4	2.0	8.6	9.3	7.5	15.8	26.4
Permanent resident	100.0	70.2	49.6	3.0	18.0	5.0	0.8	4.1	6.1	3.0	9.6	20.7	29.8
Temporary resident	100.0	81.2	46.6	2.8	13.8	3.8	1.5	3.9	11.9	1.1	7.9	34.6	18.8
Unknown citizenship	100.0	70.5	38.6	0.0	6.8	2.3	2.3	0.0	11.4	11.4	4.5	31.8	29.5
Black	100.0	40.4	35.0	2.2	7.5	0.9	0.5	0.9	3.6	9.1	10.2	5.4	59.6
U.S. citizen	100.0	36.7	32.2	1.0	7.3	0.8	0.3	0.4	2.6	10.8	9.0	4.5	63.3
Permanent resident	100.0	59.8	50.0	2.0	11.8	2.0	1.0	2.0	10.8	2.0	18.6	9.8	40.2
Temporary resident	100.0	56.3	47.9	9.3	8.5	1.1	1.7	3.4	6.2	2.3	15.5	8.5	43.7
Unknown citizenship	100.0	30.0	20.0	0.0	2.0	0.0	0.0	0.0	8.0	8.0	2.0	10.0	70.0
Hispanic	100.0	63.2	51.7	4.1	13.6	2.0	1.9	3.0	5.1	8.9	13.2	11.5	36.8
U.S. citizen	100.0	54.5	48.3	1.3	14.8	1.0	0.8	1.8	4.8	13.8	10.1	6.2	45.5
Permanent resident	100.0	60.8	48.3	0.8	14.2	0.8	0.8	4.2	5.0	6.7	15.8	12.5	39.2
Temporary resident	100.0	78.7	58.3	9.3	11.6	3.8	3.8	4.9	5.6	1.1	18.1	20.3	21.3
Unknown citizenship	100.0	28.6	21.4	0.0	7.1	0.0	7.1	0.0	0.0	7.1	0.0	7.1	71.4
American Indian/Alaska Native	100.0	45.9	41.5	3.0	10.4	1.5	3.0	0.0	3.7	9.6	10.4	4.4	54.1
U.S. citizen	100.0	46.5	42.6	3.1	10.9	1.6	3.1	0.0	3.9	10.1	10.1	3.9	53.5
Permanent resident	100.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0
Temporary resident	100.0	25.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	75.0
Unknown citizenship	na	na	na	na	na	na	na	na	na	na	na	na	na
Other/unknown race/ethnicity ^b	100.0	59.0	46.9	3.2	12.2	2.2	1.4	2.0	7.1	9.7	9.1	12.1	41.0
U.S. citizen	100.0	61.2	52.4	2.4	14.3	1.7	2.4	2.1	8.9	9.7	11.1	8.8	38.8
Permanent resident	100.0	81.6	71.4	4.1	20.4	10.2	2.0	0.0	10.2	10.2	14.3	10.2	18.4
Temporary resident	100.0	73.2	50.8	5.8	10.9	4.6	1.6	3.8	10.2	1.6	12.2	22.4	26.8
Unknown citizenship	100.0	54.2	42.9	3.0	11.3	1.7	0.9	1.6	5.5	11.5	7.4	11.3	45.8

na = not applicable; no nonzero values in this cell.

^a Excludes Native Hawaiian/other Pacific Islander per revised Office of Management and Budget guidelines.^b This category was expanded to include Native Hawaiian/other Pacific Islander and respondents choosing multiple races (excluding those selecting Hispanic ethnicity).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2004.