

TABLE F-5. Field distribution of doctorate recipients, by race/ethnicity and citizenship: 2005

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	43,354	27,974	21,570	1,038	6,368	1,136	713	1,203	3,647	3,327	4,138	6,404	15,380	
U.S. citizen	26,312	14,912	12,913	527	4,141	405	421	480	1,768	2,811	2,360	1,999	11,400	
Permanent resident	1,600	1,112	827	30	255	68	21	61	132	80	180	285	488	
Temporary resident	12,824	10,404	6,650	415	1,677	599	233	602	1,550	210	1,364	3,754	2,420	
Unknown citizenship	2,618	1,546	1,180	66	295	64	38	60	197	226	234	366	1,072	
White	24,704	14,825	12,570	569	3,720	481	460	640	1,946	2,377	2,377	2,255	9,879	
U.S. citizen	20,845	11,848	10,327	473	3,248	305	374	387	1,442	2,243	1,855	1,521	8,997	
Permanent resident	627	425	342	13	89	22	10	26	59	43	80	83	202	
Temporary resident	3,166	2,505	1,865	81	376	153	75	226	439	81	434	640	661	
Unknown citizenship	66	47	36	2	7	1	1	1	6	10	8	11	19	
Asian <sup>a</sup>	10,222	8,349	5,139	231	1,652	492	130	380	1,179	232	843	3,210	1,873	
U.S. citizen	1,493	1,114	872	13	409	52	11	38	140	110	99	242	379	
Permanent resident	688	519	356	9	127	40	7	28	56	21	68	163	169	
Temporary resident	8,003	6,688	3,898	209	1,113	399	112	314	979	99	673	2,790	1,315	
Unknown citizenship	38	28	13	0	3	1	0	0	4	2	3	15	10	
Black	2,178	945	798	40	206	21	11	38	87	175	220	147	1,233	
U.S. citizen	1,688	640	555	13	142	15	6	16	47	159	157	85	1,048	
Permanent resident	107	65	50	3	16	0	0	6	8	5	12	15	42	
Temporary resident	380	238	192	24	48	6	5	16	32	10	51	46	142	
Unknown citizenship	3	2	1	0	0	0	0	0	0	1	0	1	1	
Hispanic	2,272	1,452	1,192	109	329	31	50	56	124	198	295	260	820	
U.S. citizen	1,294	722	649	14	207	9	15	23	69	178	134	73	572	
Permanent resident	132	77	61	4	20	3	3	1	5	10	15	16	55	
Temporary resident	842	651	480	91	101	19	32	32	50	9	146	171	191	
Unknown citizenship	4	2	2	0	1	0	0	0	0	1	0	0	2	
American Indian/Alaska Native	142	69	59	3	12	1	4	0	5	15	19	10	73	
U.S. citizen	139	66	58	3	12	1	4	0	4	15	19	8	73	
Permanent resident	1	1	0	0	0	0	0	0	0	0	0	1	0	
Temporary resident	2	2	1	0	0	0	0	0	1	0	0	1	0	
Unknown citizenship	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other/unknown race/ethnicity <sup>b</sup>	3,836	2,334	1,812	86	449	110	58	89	306	330	384	522	1,502	
U.S. citizen	853	522	452	11	123	23	11	16	66	106	96	70	331	
Permanent resident	45	25	18	1	3	3	1	0	4	1	5	7	20	
Temporary resident	431	320	214	10	39	22	9	14	49	11	60	106	111	
Unknown citizenship	2,507	1,467	1,128	64	284	62	37	59	187	212	223	339	1,040	
	Percent distribution													
All doctorate recipients	100.0	64.5	49.8	2.4	14.7	2.6	1.6	2.8	8.4	7.7	9.5	14.8	35.5	
U.S. citizen	100.0	56.7	49.1	2.0	15.7	1.5	1.6	1.8	6.7	10.7	9.0	7.6	43.3	

TABLE F-5. Field distribution of doctorate recipients, by race/ethnicity and citizenship: 2005

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
Permanent resident	100.0	69.5	51.7	1.9	15.9	4.3	1.3	3.8	8.3	5.0	11.3	17.8	30.5
Temporary resident	100.0	81.1	51.9	3.2	13.1	4.7	1.8	4.7	12.1	1.6	10.6	29.3	18.9
Unknown citizenship	100.0	59.1	45.1	2.5	11.3	2.4	1.5	2.3	7.5	8.6	8.9	14.0	40.9
White	100.0	60.0	50.9	2.3	15.1	1.9	1.9	2.6	7.9	9.6	9.6	9.1	40.0
U.S. citizen	100.0	56.8	49.5	2.3	15.6	1.5	1.8	1.9	6.9	10.8	8.9	7.3	43.2
Permanent resident	100.0	67.8	54.5	2.1	14.2	3.5	1.6	4.1	9.4	6.9	12.8	13.2	32.2
Temporary resident	100.0	79.1	58.9	2.6	11.9	4.8	2.4	7.1	13.9	2.6	13.7	20.2	20.9
Unknown citizenship	100.0	71.2	54.5	3.0	10.6	1.5	1.5	1.5	9.1	15.2	12.1	16.7	28.8
Asian <sup>a</sup>	100.0	81.7	50.3	2.3	16.2	4.8	1.3	3.7	11.5	2.3	8.2	31.4	18.3
U.S. citizen	100.0	74.6	58.4	0.9	27.4	3.5	0.7	2.5	9.4	7.4	6.6	16.2	25.4
Permanent resident	100.0	75.4	51.7	1.3	18.5	5.8	1.0	4.1	8.1	3.1	9.9	23.7	24.6
Temporary resident	100.0	83.6	48.7	2.6	13.9	5.0	1.4	3.9	12.2	1.2	8.4	34.9	16.4
Unknown citizenship	100.0	73.7	34.2	0.0	7.9	2.6	0.0	0.0	10.5	5.3	7.9	39.5	26.3
Black	100.0	43.4	36.6	1.8	9.5	1.0	0.5	1.7	4.0	8.0	10.1	6.7	56.6
U.S. citizen	100.0	37.9	32.9	0.8	8.4	0.9	0.4	0.9	2.8	9.4	9.3	5.0	62.1
Permanent resident	100.0	60.7	46.7	2.8	15.0	0.0	0.0	5.6	7.5	4.7	11.2	14.0	39.3
Temporary resident	100.0	62.6	50.5	6.3	12.6	1.6	1.3	4.2	8.4	2.6	13.4	12.1	37.4
Unknown citizenship	100.0	66.7	33.3	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.0	33.3	33.3
Hispanic	100.0	63.9	52.5	4.8	14.5	1.4	2.2	2.5	5.5	8.7	13.0	11.4	36.1
U.S. citizen	100.0	55.8	50.2	1.1	16.0	0.7	1.2	1.8	5.3	13.8	10.4	5.6	44.2
Permanent resident	100.0	58.3	46.2	3.0	15.2	2.3	2.3	0.8	3.8	7.6	11.4	12.1	41.7
Temporary resident	100.0	77.3	57.0	10.8	12.0	2.3	3.8	3.8	5.9	1.1	17.3	20.3	22.7
Unknown citizenship	100.0	50.0	50.0	0.0	25.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	50.0
American Indian/Alaska Native	100.0	48.6	41.5	2.1	8.5	0.7	2.8	0.0	3.5	10.6	13.4	7.0	51.4
U.S. citizen	100.0	47.5	41.7	2.2	8.6	0.7	2.9	0.0	2.9	10.8	13.7	5.8	52.5
Permanent resident	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
Temporary resident	100.0	100.0	50.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	50.0	0.0
Unknown citizenship	100.0	na	na	na	na	na	na	na	na	na	na	na	na
Other/unknown race/ethnicity <sup>b</sup>	100.0	60.8	47.2	2.2	11.7	2.9	1.5	2.3	8.0	8.6	10.0	13.6	39.2
U.S. citizen	100.0	61.2	53.0	1.3	14.4	2.7	1.3	1.9	7.7	12.4	11.3	8.2	38.8
Permanent resident	100.0	55.6	40.0	2.2	6.7	6.7	2.2	0.0	8.9	2.2	11.1	15.6	44.4
Temporary resident	100.0	74.2	49.7	2.3	9.0	5.1	2.1	3.2	11.4	2.6	13.9	24.6	25.8
Unknown citizenship	100.0	58.5	45.0	2.6	11.3	2.5	1.5	2.4	7.5	8.5	8.9	13.5	41.5

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

<sup>a</sup> Excludes Native Hawaiian/other Pacific Islander per revised Office of Management and Budget guidelines.<sup>b</sup> 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, 2005.