

TABLE 7-4. Doctoral degrees awarded, by field, citizenship, ethnicity, and race: 2004–14

Field, citizenship, ethnicity, and race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
All degrees	48,560	52,855	56,309	60,887	61,716	61,730	57,405	59,847	62,071	64,887	67,591
U.S. citizen and permanent resident	35,807	38,512	40,334	43,888	44,509	45,019	41,759	43,514	45,203	47,233	49,267
Hispanic or Latino ^a	1,739	1,914	1,980	2,138	2,410	2,419	2,294	2,457	2,703	2,938	3,239
Non-Hispanic or Latino	34,068	36,598	38,354	41,750	42,099	42,600	39,465	41,057	42,500	44,295	46,028
American Indian or Alaska Native	206	224	214	232	244	282	224	232	231	261	241
Asian	na	na	na	na	na	na	na	3,125	3,340	3,431	3,440
Asian or Pacific Islander ^b	2,464	2,695	2,996	3,251	3,201	3,203	3,183	na	na	na	na
Black or African American	2,725	2,854	2,884	3,452	3,478	3,645	3,372	3,759	4,049	4,331	4,780
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	55	55	70	70
White	26,425	28,152	29,114	31,355	31,342	31,526	28,670	29,455	30,345	31,614	32,622
Two or more races ^c	na	na	na	na	na	na	na	337	397	522	643
Other or unknown race and ethnicity	2,248	2,673	3,146	3,460	3,834	3,944	4,016	4,094	4,083	4,066	4,232
Temporary resident	12,753	14,343	15,975	16,999	17,207	16,711	15,646	16,333	16,868	17,654	18,324
All S&E	26,573	28,561	30,452	32,588	33,359	33,284	32,649	34,205	35,360	36,928	38,939
U.S. citizen and permanent resident	17,271	17,829	18,400	19,595	20,186	20,560	20,570	21,600	22,259	23,218	24,393
Hispanic or Latino ^a	916	973	1,003	1,071	1,162	1,098	1,169	1,259	1,327	1,490	1,620
Non-Hispanic or Latino	16,355	16,856	17,397	18,524	19,024	19,462	19,401	20,341	20,932	21,728	22,773
American Indian or Alaska Native	103	85	96	105	102	120	103	108	100	107	110
Asian	na	na	na	na	na	na	na	2,073	2,166	2,173	2,218
Asian or Pacific Islander ^b	1,540	1,655	1,788	1,973	1,933	1,947	2,054	na	na	na	na
Black or African American	849	842	899	964	983	1,041	973	1,101	1,140	1,277	1,375
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	33	20	23	33
White	12,770	12,981	13,246	13,981	14,220	14,552	14,278	14,748	15,255	15,816	16,497
Two or more races ^c	na	na	na	na	na	na	na	182	232	276	377
Other or unknown race and ethnicity	1,093	1,293	1,368	1,501	1,786	1,802	1,993	2,096	2,019	2,056	2,163
Temporary resident	9,302	10,732	12,052	12,993	13,173	12,724	12,079	12,605	13,101	13,710	14,546
Science	20,642	22,013	23,050	24,522	25,249	25,369	24,837	25,727	26,487	27,439	28,804
U.S. citizen and permanent resident	14,924	15,377	15,686	16,601	17,006	17,186	17,063	17,887	18,333	19,095	19,942
Hispanic or Latino ^a	815	875	898	933	1,032	945	973	1,077	1,136	1,288	1,373
Non-Hispanic or Latino	14,109	14,502	14,788	15,668	15,974	16,241	16,090	16,810	17,197	17,807	18,569
American Indian or Alaska Native	95	79	89	97	87	101	93	93	89	100	97
Asian	na	na	na	na	na	na	na	1,474	1,593	1,584	1,581
Asian or Pacific Islander ^b	1,194	1,283	1,318	1,465	1,432	1,443	1,537	na	na	na	na
Black or African American	750	741	789	847	855	902	819	960	965	1,090	1,203
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	29	18	16	25
White	11,137	11,285	11,428	12,008	12,108	12,317	11,992	12,355	12,663	13,115	13,569
Two or more races ^c	na	na	na	na	na	na	na	150	190	217	299
Other or unknown race and ethnicity	933	1,114	1,164	1,251	1,492	1,478	1,649	1,749	1,679	1,685	1,795
Temporary resident	5,718	6,636	7,364	7,921	8,243	8,183	7,774	7,840	8,154	8,344	8,862
Agricultural sciences	1,016	1,004	1,037	1,068	1,080	1,143	982	1,053	1,144	1,218	1,228
U.S. citizen and permanent resident	601	611	640	643	668	715	639	660	694	770	755
Hispanic or Latino ^a	17	14	36	15	18	21	33	45	41	45	49
Non-Hispanic or Latino	584	597	604	628	650	694	606	615	653	725	706
American Indian or Alaska Native	7	4	1	3	8	5	6	5	9	4	5
Asian	na	na	na	na	na	na	na	28	34	29	34
Asian or Pacific Islander ^b	28	22	25	24	34	34	32	na	na	na	na
Black or African American	20	19	28	24	26	28	47	21	38	33	32
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	1	0	1	1
White	502	519	526	541	534	576	480	509	519	586	577
Two or more races ^c	na	na	na	na	na	na	na	5	4	7	4
Other or unknown race and ethnicity	27	33	24	36	48	51	41	46	49	65	53
Temporary resident	415	393	397	425	412	428	343	393	450	448	473

TABLE 7-4. Doctoral degrees awarded, by field, citizenship, ethnicity, and race: 2004–14

Field, citizenship, ethnicity, and race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Biological sciences	5,491	5,925	6,138	6,703	7,319	7,429	7,571	7,596	7,817	7,825	8,207
U.S. citizen and permanent resident	4,118	4,330	4,377	4,713	5,091	5,310	5,447	5,513	5,705	5,710	5,957
Hispanic or Latino ^a	186	216	212	226	274	282	326	324	329	393	379
Non-Hispanic or Latino	3,932	4,114	4,165	4,487	4,817	5,028	5,121	5,189	5,376	5,317	5,578
American Indian or Alaska Native	16	18	19	23	20	27	21	25	33	25	16
Asian	na	na	na	na	na	na	na	596	659	656	646
Asian or Pacific Islander ^b	489	508	477	563	575	567	650	na	na	na	na
Black or African American	159	152	173	173	229	252	206	249	267	284	271
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	12	10	7	12
White	3,047	3,172	3,206	3,426	3,608	3,782	3,759	3,787	3,859	3,860	4,067
Two or more races ^c	na	na	na	na	na	na	na	44	59	62	99
Other or unknown race and ethnicity	221	264	290	302	385	400	485	476	489	423	467
Temporary resident	1,373	1,595	1,761	1,990	2,228	2,119	2,124	2,083	2,112	2,115	2,250
Computer sciences	910	1,121	1,416	1,597	1,696	1,574	1,561	1,562	1,690	1,809	1,935
U.S. citizen and permanent resident	455	500	551	680	667	730	782	772	819	849	875
Hispanic or Latino ^a	18	17	6	17	16	23	17	19	26	40	31
Non-Hispanic or Latino	437	483	545	663	651	707	765	753	793	809	844
American Indian or Alaska Native	1	0	6	3	0	2	3	3	2	0	7
Asian	na	na	na	na	na	na	na	128	129	128	110
Asian or Pacific Islander ^b	62	88	92	111	87	116	124	na	na	na	na
Black or African American	18	19	21	30	24	30	33	31	39	52	52
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	2	0	0	0
White	309	308	356	437	446	483	506	514	526	531	554
Two or more races ^c	na	na	na	na	na	na	na	3	3	3	7
Other or unknown race and ethnicity	47	68	70	82	94	76	99	72	94	95	114
Temporary resident	455	621	865	917	1,029	844	779	790	871	960	1,060
Earth, atmospheric, and ocean sciences	540	572	600	727	683	724	713	687	737	794	861
U.S. citizen and permanent resident	356	360	389	481	436	477	481	472	498	540	583
Hispanic or Latino ^a	10	11	12	18	17	14	16	14	18	24	21
Non-Hispanic or Latino	346	349	377	463	419	463	465	458	480	516	562
American Indian or Alaska Native	3	3	0	2	2	2	2	0	2	4	1
Asian	na	na	na	na	na	na	na	22	19	13	21
Asian or Pacific Islander ^b	12	16	23	11	17	15	15	na	na	na	na
Black or African American	5	3	3	7	7	6	5	5	15	11	12
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	1	0	0
White	311	300	328	400	349	390	395	385	404	450	483
Two or more races ^c	na	na	na	na	na	na	na	1	6	5	9
Other or unknown race and ethnicity	15	27	23	43	44	50	48	45	33	33	36
Temporary resident	184	212	211	246	247	247	232	215	239	254	278
Atmospheric sciences	77	96	95	87	106	110	100	120	125	137	126
U.S. citizen and permanent resident	45	54	45	48	58	68	50	83	75	91	85
Hispanic or Latino ^a	0	1	2	2	2	0	0	1	2	2	3
Non-Hispanic or Latino	45	53	43	46	56	68	50	82	73	89	82
American Indian or Alaska Native	1	1	0	0	0	0	1	0	0	0	0
Asian	na	na	na	na	na	na	na	6	5	2	3
Asian or Pacific Islander ^b	4	6	6	1	1	1	2	na	na	na	na
Black or African American	1	0	2	2	1	2	0	1	3	4	0
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	1	0	0
White	37	43	30	39	49	61	43	67	61	75	77
Two or more races ^c	na	na	na	na	na	na	na	1	1	1	0
Other or unknown race and ethnicity	2	3	5	4	5	4	4	7	2	7	2
Temporary resident	32	42	50	39	48	42	50	37	50	46	41

TABLE 7-4. Doctoral degrees awarded, by field, citizenship, ethnicity, and race: 2004–14

Field, citizenship, ethnicity, and race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Earth sciences	369	379	430	513	469	503	496	467	497	530	606
U.S. citizen and permanent resident	245	244	296	347	302	333	350	312	339	363	395
Hispanic or Latino ^a	10	9	10	12	13	12	13	11	11	19	13
Non-Hispanic or Latino	235	235	286	335	289	321	337	301	328	344	382
American Indian or Alaska Native	2	2	0	1	2	1	1	0	1	4	0
Asian	na	na	na	na	na	na	na	12	13	9	14
Asian or Pacific Islander ^b	8	6	16	8	12	10	11	na	na	na	na
Black or African American	3	2	0	3	5	4	5	3	10	5	9
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	0
White	212	204	258	289	235	263	280	258	274	302	322
Two or more races ^c	na	na	na	na	na	na	na	0	5	4	7
Other or unknown race and ethnicity	10	21	12	34	35	43	40	28	25	20	30
Temporary resident	124	135	134	166	167	170	146	155	158	167	211
Ocean sciences	94	97	75	127	108	111	117	100	115	127	129
U.S. citizen and permanent resident	66	62	48	86	76	76	81	77	84	86	103
Hispanic or Latino ^a	0	1	0	4	2	2	3	2	5	3	5
Non-Hispanic or Latino	66	61	48	82	74	74	78	75	79	83	98
American Indian or Alaska Native	0	0	0	1	0	1	0	0	1	0	1
Asian	na	na	na	na	na	na	na	4	1	2	4
Asian or Pacific Islander ^b	0	4	1	2	4	4	2	na	na	na	na
Black or African American	1	1	1	2	1	0	0	1	2	2	3
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	0
White	62	53	40	72	65	66	72	60	69	73	84
Two or more races ^c	na	na	na	na	na	na	na	0	0	0	2
Other or unknown race and ethnicity	3	3	6	5	4	3	4	10	6	6	4
Temporary resident	28	35	27	41	32	35	36	23	31	41	26
Mathematics and statistics	1,065	1,180	1,297	1,356	1,362	1,536	1,594	1,590	1,670	1,824	1,864
U.S. citizen and permanent resident	508	540	583	645	671	788	863	849	852	912	948
Hispanic or Latino ^a	23	21	27	21	29	35	31	29	39	34	35
Non-Hispanic or Latino	485	519	556	624	642	753	832	820	813	878	913
American Indian or Alaska Native	0	0	0	1	2	3	2	5	0	3	1
Asian	na	na	na	na	na	na	na	89	70	102	79
Asian or Pacific Islander ^b	48	54	63	79	53	78	84	na	na	na	na
Black or African American	8	18	20	21	22	27	24	23	21	27	27
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	1	2	0	1
White	388	398	428	458	490	559	634	627	636	652	708
Two or more races ^c	na	na	na	na	na	na	na	2	9	11	13
Other or unknown race and ethnicity	41	49	45	65	75	86	88	73	75	83	84
Temporary resident	557	640	714	711	691	748	731	741	818	912	916
Physical sciences	3,345	3,620	3,986	4,209	4,205	4,416	4,326	4,560	4,589	4,703	4,947
U.S. citizen and permanent resident	1,969	2,036	2,183	2,266	2,307	2,486	2,489	2,652	2,709	2,774	2,823
Hispanic or Latino ^a	73	76	93	92	112	115	108	123	132	133	151
Non-Hispanic or Latino	1,896	1,960	2,090	2,174	2,195	2,371	2,381	2,529	2,577	2,641	2,672
American Indian or Alaska Native	12	7	9	7	5	10	11	10	6	8	16
Asian	na	na	na	na	na	na	na	204	237	236	240
Asian or Pacific Islander ^b	171	209	220	222	216	204	217	na	na	na	na
Black or African American	64	52	55	86	77	78	80	86	79	95	107
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	6	4	0	3
White	1,500	1,526	1,645	1,667	1,685	1,852	1,801	1,913	1,958	2,041	2,002
Two or more races ^c	na	na	na	na	na	na	na	26	28	38	43
Other or unknown race and ethnicity	149	166	161	192	212	227	272	284	265	223	261
Temporary resident	1,376	1,584	1,803	1,943	1,898	1,930	1,837	1,908	1,880	1,929	2,124

TABLE 7-4. Doctoral degrees awarded, by field, citizenship, ethnicity, and race: 2004–14

Field, citizenship, ethnicity, and race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Astronomy	101	115	114	128	163	143	160	166	170	174	179
U.S. citizen and permanent resident	75	73	73	89	117	98	119	108	124	120	131
Hispanic or Latino ^a	2	2	1	5	3	4	4	5	5	3	3
Non-Hispanic or Latino	73	71	72	84	114	94	115	103	119	117	128
American Indian or Alaska Native	0	0	0	0	0	0	1	0	1	2	1
Asian	na	na	na	na	na	na	na	4	7	6	7
Asian or Pacific Islander ^b	7	6	6	6	4	3	4	na	na	na	na
Black or African American	1	0	1	2	0	0	2	1	0	0	1
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	0
White	63	62	57	63	94	85	97	84	105	98	100
Two or more races ^c	na	na	na	na	na	na	na	2	0	0	3
Other or unknown race and ethnicity	2	3	8	13	16	6	11	12	6	11	16
Temporary resident	26	42	41	39	46	45	41	58	46	54	48
Chemistry	2,105	2,226	2,502	2,606	2,495	2,652	2,564	2,685	2,630	2,730	2,921
U.S. citizen and permanent resident	1,321	1,366	1,461	1,464	1,414	1,586	1,542	1,592	1,584	1,653	1,703
Hispanic or Latino ^a	58	57	70	65	89	86	72	79	76	89	100
Non-Hispanic or Latino	1,263	1,309	1,391	1,399	1,325	1,500	1,470	1,513	1,508	1,564	1,603
American Indian or Alaska Native	9	6	6	3	4	7	8	7	4	4	12
Asian	na	na	na	na	na	na	na	135	165	155	149
Asian or Pacific Islander ^b	127	139	160	155	150	148	151	na	na	na	na
Black or African American	51	37	43	64	62	66	59	67	58	78	81
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	4	4	0	1
White	986	1,021	1,080	1,071	993	1,145	1,095	1,131	1,104	1,197	1,178
Two or more races ^c	na	na	na	na	na	na	na	14	15	24	24
Other or unknown race and ethnicity	90	106	102	106	116	134	157	155	158	106	158
Temporary resident	784	860	1,041	1,142	1,081	1,066	1,022	1,093	1,046	1,077	1,218
Physics	1,119	1,254	1,341	1,442	1,507	1,580	1,570	1,670	1,752	1,740	1,768
U.S. citizen and permanent resident	562	585	635	696	754	781	808	928	985	970	951
Hispanic or Latino ^a	13	16	21	22	20	25	32	37	51	41	48
Non-Hispanic or Latino	549	569	614	674	734	756	776	891	934	929	903
American Indian or Alaska Native	3	1	3	4	1	3	2	3	1	2	3
Asian	na	na	na	na	na	na	na	63	65	72	82
Asian or Pacific Islander ^b	37	62	54	60	57	53	60	na	na	na	na
Black or African American	11	15	11	20	15	11	18	17	21	15	21
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	2	0	0	2
White	442	435	496	519	582	603	592	681	734	721	695
Two or more races ^c	na	na	na	na	na	na	na	9	13	14	15
Other or unknown race and ethnicity	56	56	50	71	79	86	104	116	100	105	85
Temporary resident	557	669	706	746	753	799	762	742	767	770	817
Other	20	25	29	33	40	41	32	39	37	59	79
U.S. citizen and permanent resident	11	12	14	17	22	21	20	24	16	31	38
Hispanic or Latino ^a	0	1	1	0	0	0	0	2	0	0	0
Non-Hispanic or Latino	11	11	13	17	22	21	20	22	16	31	38
American Indian or Alaska Native	0	0	0	0	0	0	0	0	0	0	0
Asian	na	na	na	na	na	na	na	2	0	3	2
Asian or Pacific Islander ^b	0	2	0	1	5	0	2	na	na	na	na
Black or African American	1	0	0	0	0	1	1	1	0	2	4
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	0
White	9	8	12	14	16	19	17	17	15	25	29
Two or more races ^c	na	na	na	na	na	na	na	1	0	0	1
Other or unknown race and ethnicity	1	1	1	2	1	1	0	1	1	1	2
Temporary resident	9	13	15	16	18	20	12	15	21	28	41

TABLE 7-4. Doctoral degrees awarded, by field, citizenship, ethnicity, and race: 2004–14

Field, citizenship, ethnicity, and race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Psychology	4,389	4,681	4,484	4,696	4,600	4,046	3,606	3,952	3,868	4,280	4,574
U.S. citizen and permanent resident	4,191	4,452	4,230	4,450	4,359	3,770	3,334	3,694	3,617	4,017	4,320
Hispanic or Latino ^a	339	388	367	417	420	316	277	335	342	408	483
Non-Hispanic or Latino	3,852	4,064	3,863	4,033	3,939	3,454	3,057	3,359	3,275	3,609	3,837
American Indian or Alaska Native	36	29	32	36	31	23	19	23	22	31	20
Asian	na	na	na	na	na	na	na	189	213	199	213
Asian or Pacific Islander ^b	224	221	242	265	252	207	197	na	na	na	na
Black or African American	281	275	256	278	271	259	212	275	238	299	362
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	1	0	4	6
White	3,057	3,241	3,034	3,171	3,036	2,664	2,342	2,471	2,435	2,633	2,799
Two or more races ^c	na	na	na	na	na	na	na	40	45	47	72
Other or unknown race and ethnicity	254	298	299	283	349	301	287	360	322	396	365
Temporary resident	198	229	254	246	241	276	272	258	251	263	254
Social sciences	3,886	3,910	4,092	4,166	4,304	4,501	4,484	4,727	4,972	4,986	5,188
U.S. citizen and permanent resident	2,726	2,548	2,733	2,723	2,807	2,910	3,028	3,275	3,439	3,523	3,681
Hispanic or Latino ^a	149	132	145	127	146	139	165	188	209	211	224
Non-Hispanic or Latino	2,577	2,416	2,588	2,596	2,661	2,771	2,863	3,087	3,230	3,312	3,457
American Indian or Alaska Native	20	18	22	22	19	29	29	22	15	25	31
Asian	na	na	na	na	na	na	na	218	232	221	238
Asian or Pacific Islander ^b	160	165	176	190	198	222	218	na	na	na	na
Black or African American	195	203	233	228	199	222	212	270	268	289	340
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	6	1	4	2
White	2,023	1,821	1,905	1,908	1,960	2,011	2,075	2,149	2,326	2,362	2,379
Two or more races ^c	na	na	na	na	na	na	na	29	36	44	52
Other or unknown race and ethnicity	179	209	252	248	285	287	329	393	352	367	415
Temporary resident	1,160	1,362	1,359	1,443	1,497	1,591	1,456	1,452	1,533	1,463	1,507
Anthropology	537	459	480	519	491	527	534	596	585	595	606
U.S. citizen and permanent resident	466	392	425	433	416	431	444	505	490	508	507
Hispanic or Latino ^a	37	20	25	18	29	34	27	40	36	36	51
Non-Hispanic or Latino	429	372	400	415	387	397	417	465	454	472	456
American Indian or Alaska Native	5	4	4	6	1	6	9	4	6	6	7
Asian	na	na	na	na	na	na	na	23	21	35	32
Asian or Pacific Islander ^b	23	17	23	23	29	18	19	na	na	na	na
Black or African American	26	24	21	19	18	22	21	18	14	20	21
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	1	0	1	0
White	349	296	325	330	299	308	318	365	359	349	330
Two or more races ^c	na	na	na	na	na	na	na	4	9	5	10
Other or unknown race and ethnicity	26	31	27	37	40	43	50	50	45	56	56
Temporary resident	71	67	55	86	75	96	90	91	95	87	99
Area and ethnic studies	204	184	220	226	246	226	237	257	274	272	316
U.S. citizen and permanent resident	168	154	187	202	190	178	191	214	220	240	265
Hispanic or Latino ^a	13	12	13	14	11	8	16	14	21	24	23
Non-Hispanic or Latino	155	142	174	188	179	170	175	200	199	216	242
American Indian or Alaska Native	3	4	5	6	6	11	6	6	6	10	6
Asian	na	na	na	na	na	na	na	21	24	16	25
Asian or Pacific Islander ^b	18	13	14	16	9	10	21	na	na	na	na
Black or African American	22	21	36	38	36	33	30	30	36	38	42
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	1	0	0	1
White	93	84	91	103	109	95	92	113	106	129	122
Two or more races ^c	na	na	na	na	na	na	na	2	4	2	10
Other or unknown race and ethnicity	19	20	28	25	19	21	26	27	23	21	36
Temporary resident	36	30	33	24	56	48	46	43	54	32	51

TABLE 7-4. Doctoral degrees awarded, by field, citizenship, ethnicity, and race: 2004–14

Field, citizenship, ethnicity, and race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Economics	978	1,111	1,057	1,107	1,172	1,172	1,120	1,152	1,271	1,227	1,212
U.S. citizen and permanent resident	396	368	371	369	438	408	459	456	538	535	500
Hispanic or Latino ^a	25	22	21	22	16	18	22	16	17	37	23
Non-Hispanic or Latino	371	346	350	347	422	390	437	440	521	498	477
American Indian or Alaska Native	1	0	2	2	1	1	1	1	0	0	1
Asian	na	na	na	na	na	na	na	55	60	58	60
Asian or Pacific Islander ^b	33	46	47	50	49	48	53	na	na	na	na
Black or African American	19	9	18	18	15	8	10	19	15	21	18
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	1	0	0	0
White	286	244	237	233	292	281	322	279	375	355	331
Two or more races ^c	na	na	na	na	na	na	na	10	4	5	6
Other or unknown race and ethnicity	32	47	46	44	65	52	51	75	67	59	61
Temporary resident	582	743	686	738	734	764	661	696	733	692	712
History of science	20	28	34	27	34	19	31	27	24	29	41
U.S. citizen and permanent resident	14	21	28	16	29	12	25	24	17	24	29
Hispanic or Latino ^a	0	1	2	1	0	0	2	1	1	0	2
Non-Hispanic or Latino	14	20	26	15	29	12	23	23	16	24	27
American Indian or Alaska Native	0	0	0	0	0	0	0	0	0	0	0
Asian	na	na	na	na	na	na	na	1	1	0	2
Asian or Pacific Islander ^b	0	1	2	1	1	0	0	na	na	na	na
Black or African American	0	1	1	1	0	1	0	0	0	1	1
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	0
White	13	17	19	13	20	11	21	20	12	22	18
Two or more races ^c	na	na	na	na	na	na	na	0	0	0	0
Other or unknown race and ethnicity	1	1	4	0	8	0	2	2	3	1	6
Temporary resident	6	7	6	11	5	7	6	3	7	5	12
Linguistics	194	172	216	219	215	240	203	235	249	237	240
U.S. citizen and permanent resident	105	95	114	123	114	145	118	146	139	131	139
Hispanic or Latino ^a	2	3	4	3	3	4	3	3	3	5	7
Non-Hispanic or Latino	103	92	110	120	111	141	115	143	136	126	132
American Indian or Alaska Native	0	0	1	1	2	0	1	0	0	2	1
Asian	na	na	na	na	na	na	na	14	19	9	8
Asian or Pacific Islander ^b	10	10	20	24	9	27	12	na	na	na	na
Black or African American	4	2	5	0	2	2	2	5	3	2	4
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	0
White	82	73	74	86	95	99	89	104	99	95	100
Two or more races ^c	na	na	na	na	na	na	na	0	2	4	2
Other or unknown race and ethnicity	7	7	10	9	3	13	11	20	13	14	17
Temporary resident	89	77	102	96	101	95	85	89	110	106	101
Political science and public administration	1,001	1,049	1,098	1,093	1,104	1,244	1,312	1,314	1,402	1,507	1,537
U.S. citizen and permanent resident	809	806	827	811	822	919	967	1,013	1,086	1,181	1,234
Hispanic or Latino ^a	43	35	35	34	36	37	46	50	58	49	61
Non-Hispanic or Latino	766	771	792	777	786	882	921	963	1,028	1,132	1,173
American Indian or Alaska Native	4	3	4	0	6	6	5	4	2	5	8
Asian	na	na	na	na	na	na	na	58	57	70	51
Asian or Pacific Islander ^b	38	41	38	42	45	60	71	na	na	na	na
Black or African American	67	83	90	85	67	94	80	121	126	143	176
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	1	1	3	1
White	605	591	580	573	578	622	648	627	710	753	781
Two or more races ^c	na	na	na	na	na	na	na	9	7	15	10
Other or unknown race and ethnicity	52	53	80	77	90	100	117	143	125	143	146
Temporary resident	192	243	271	282	282	325	345	301	316	326	303

TABLE 7-4. Doctoral degrees awarded, by field, citizenship, ethnicity, and race: 2004–14

Field, citizenship, ethnicity, and race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Sociology	564	534	574	573	594	635	612	671	635	626	692
U.S. citizen and permanent resident	460	436	466	459	477	499	504	555	536	517	580
Hispanic or Latino ^a	24	29	37	23	38	22	29	49	53	40	34
Non-Hispanic or Latino	436	407	429	436	439	477	475	506	483	477	546
American Indian or Alaska Native	1	5	0	4	3	3	3	4	0	1	6
Asian	na	na	na	na	na	na	na	35	31	22	37
Asian or Pacific Islander ^b	25	26	21	23	38	38	28	na	na	na	na
Black or African American	40	44	45	47	45	48	51	47	48	51	55
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	2	0	0	0
White	352	301	337	326	321	354	355	375	355	360	391
Two or more races ^c	na	na	na	na	na	na	na	3	7	9	8
Other or unknown race and ethnicity	18	31	26	36	32	34	38	40	42	34	49
Temporary resident	104	98	108	114	117	136	108	116	99	109	112
Other	388	373	413	402	448	438	435	475	532	493	544
U.S. citizen and permanent resident	308	276	315	310	321	318	320	362	413	387	427
Hispanic or Latino ^a	5	10	8	12	13	16	20	15	20	20	23
Non-Hispanic or Latino	303	266	307	298	308	302	300	347	393	367	404
American Indian or Alaska Native	6	2	6	3	0	2	4	3	1	1	2
Asian	na	na	na	na	na	na	na	11	19	11	23
Asian or Pacific Islander ^b	13	11	11	11	18	21	14	na	na	na	na
Black or African American	17	19	17	20	16	14	18	30	26	13	23
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	0
White	243	215	242	244	246	241	230	266	310	299	306
Two or more races ^c	na	na	na	na	na	na	na	1	3	4	6
Other or unknown race and ethnicity	24	19	31	20	28	24	34	36	34	39	44
Temporary resident	80	97	98	92	127	120	115	113	119	106	117
Engineering	5,931	6,548	7,402	8,066	8,110	7,915	7,812	8,478	8,873	9,489	10,135
U.S. citizen and permanent resident	2,347	2,452	2,714	2,994	3,180	3,374	3,507	3,713	3,926	4,123	4,451
Hispanic or Latino ^a	101	98	105	138	130	153	196	182	191	202	247
Non-Hispanic or Latino	2,246	2,354	2,609	2,856	3,050	3,221	3,311	3,531	3,735	3,921	4,204
American Indian or Alaska Native	8	6	7	8	15	19	10	15	11	7	13
Asian	na	na	na	na	na	na	na	599	573	589	637
Asian or Pacific Islander ^b	346	372	470	508	501	504	517	na	na	na	na
Black or African American	99	101	110	117	128	139	154	141	175	187	172
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	4	2	7	8
White	1,633	1,696	1,818	1,973	2,112	2,235	2,286	2,393	2,592	2,701	2,928
Two or more races ^c	na	na	na	na	na	na	na	32	42	59	78
Other or unknown race and ethnicity	160	179	204	250	294	324	344	347	340	371	368
Temporary resident	3,584	4,096	4,688	5,072	4,930	4,541	4,305	4,765	4,947	5,366	5,684
Aerospace engineering	190	205	209	234	232	257	228	237	275	310	336
U.S. citizen and permanent resident	73	91	80	108	103	137	122	130	163	169	208
Hispanic or Latino ^a	3	4	0	7	3	8	7	8	9	11	16
Non-Hispanic or Latino	70	87	80	101	100	129	115	122	154	158	192
American Indian or Alaska Native	0	1	0	0	1	0	0	0	1	0	1
Asian	na	na	na	na	na	na	na	16	15	16	18
Asian or Pacific Islander ^b	8	8	11	8	9	16	12	na	na	na	na
Black or African American	0	1	4	2	2	3	3	4	9	4	2
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	1
White	61	73	60	81	81	99	90	93	112	128	156
Two or more races ^c	na	na	na	na	na	na	na	2	6	3	3
Other or unknown race and ethnicity	1	4	5	10	7	11	10	7	11	7	11
Temporary resident	117	114	129	126	129	120	106	107	112	141	128

TABLE 7-4. Doctoral degrees awarded, by field, citizenship, ethnicity, and race: 2004–14

Field, citizenship, ethnicity, and race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Chemical engineering	708	872	911	915	950	886	929	951	969	1,001	1,169
U.S. citizen and permanent resident	340	360	423	373	417	437	469	440	442	428	520
Hispanic or Latino ^a	9	20	20	16	20	22	33	23	30	17	28
Non-Hispanic or Latino	331	340	403	357	397	415	436	417	412	411	492
American Indian or Alaska Native	1	0	1	1	2	5	0	4	1	1	1
Asian	na	na	na	na	na	na	na	58	66	57	70
Asian or Pacific Islander ^b	64	43	70	63	55	56	65	na	na	na	na
Black or African American	7	9	13	18	17	11	14	15	11	13	17
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	1	0	1	0
White	242	275	297	250	296	312	331	307	296	300	357
Two or more races ^c	na	na	na	na	na	na	na	2	2	5	10
Other or unknown race and ethnicity	17	13	22	25	27	31	26	30	36	34	37
Temporary resident	368	512	488	542	533	449	460	511	527	573	649
Civil engineering	736	830	864	935	909	902	851	894	922	1,036	1,154
U.S. citizen and permanent resident	257	296	296	359	330	348	347	353	366	410	465
Hispanic or Latino ^a	21	13	16	25	14	21	26	18	27	24	28
Non-Hispanic or Latino	236	283	280	334	316	327	321	335	339	386	437
American Indian or Alaska Native	1	0	0	3	2	3	1	1	2	0	0
Asian	na	na	na	na	na	na	na	46	35	36	42
Asian or Pacific Islander ^b	25	40	44	50	38	35	37	na	na	na	na
Black or African American	6	10	9	10	9	9	12	14	13	14	19
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	1
White	188	209	208	245	231	241	235	228	257	295	324
Two or more races ^c	na	na	na	na	na	na	na	3	3	4	8
Other or unknown race and ethnicity	16	24	19	26	36	39	36	43	29	37	43
Temporary resident	479	534	568	576	579	554	504	541	556	626	689
Electrical engineering	1,634	1,782	2,124	2,380	2,279	2,090	2,169	2,352	2,475	2,469	2,642
U.S. citizen and permanent resident	531	567	560	645	704	711	757	815	847	813	822
Hispanic or Latino ^a	19	14	11	33	27	27	42	41	36	34	41
Non-Hispanic or Latino	512	553	549	612	677	684	715	774	811	779	781
American Indian or Alaska Native	3	0	2	1	2	2	4	0	1	2	3
Asian	na	na	na	na	na	na	na	179	184	167	179
Asian or Pacific Islander ^b	97	128	121	156	174	156	154	na	na	na	na
Black or African American	33	28	20	24	21	30	27	32	43	34	40
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	2	1
White	331	346	346	367	397	415	426	468	486	474	453
Two or more races ^c	na	na	na	na	na	na	na	5	9	16	15
Other or unknown race and ethnicity	48	51	60	64	83	81	104	90	88	84	90
Temporary resident	1,103	1,215	1,564	1,735	1,575	1,379	1,412	1,537	1,628	1,656	1,820
Industrial engineering	280	286	302	364	346	333	290	319	348	389	400
U.S. citizen and permanent resident	119	107	117	129	125	112	116	124	124	133	136
Hispanic or Latino ^a	2	4	12	12	9	6	11	10	5	10	12
Non-Hispanic or Latino	117	103	105	117	116	106	105	114	119	123	124
American Indian or Alaska Native	0	0	1	0	1	0	1	0	1	1	0
Asian	na	na	na	na	na	na	na	14	9	11	16
Asian or Pacific Islander ^b	14	17	10	15	17	15	15	na	na	na	na
Black or African American	10	6	11	8	18	10	16	13	18	23	10
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	0
White	88	73	77	82	71	71	66	77	78	76	89
Two or more races ^c	na	na	na	na	na	na	na	0	1	0	3
Other or unknown race and ethnicity	5	7	6	12	9	10	7	10	12	12	6
Temporary resident	161	179	185	235	221	221	174	195	224	256	264

TABLE 7-4. Doctoral degrees awarded, by field, citizenship, ethnicity, and race: 2004–14

Field, citizenship, ethnicity, and race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Materials engineering	494	514	611	663	665	661	653	651	715	757	734
U.S. citizen and permanent resident	205	191	242	286	284	281	316	283	363	348	348
Hispanic or Latino ^a	6	13	12	9	7	10	19	9	14	16	26
Non-Hispanic or Latino	199	178	230	277	277	271	297	274	349	332	322
American Indian or Alaska Native	0	1	0	0	1	1	1	3	1	0	2
Asian	na	na	na	na	na	na	na	46	56	51	45
Asian or Pacific Islander ^b	27	17	38	55	27	32	43	na	na	na	na
Black or African American	6	7	11	8	13	15	18	10	14	20	12
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	0	0	0
White	159	136	163	191	209	194	208	183	253	234	233
Two or more races ^c	na	na	na	na	na	na	na	5	5	6	6
Other or unknown race and ethnicity	7	17	18	23	27	29	27	27	20	21	24
Temporary resident	289	323	369	377	381	380	337	368	352	409	386
Mechanical engineering	835	963	1,139	1,138	1,149	1,186	1,022	1,172	1,277	1,384	1,454
U.S. citizen and permanent resident	307	338	388	376	406	472	425	505	556	614	643
Hispanic or Latino ^a	13	14	12	13	17	28	23	31	28	34	34
Non-Hispanic or Latino	294	324	376	363	389	444	402	474	528	580	609
American Indian or Alaska Native	1	2	2	1	3	2	2	4	2	1	0
Asian	na	na	na	na	na	na	na	59	47	60	85
Asian or Pacific Islander ^b	52	42	66	52	45	50	46	na	na	na	na
Black or African American	18	12	13	16	23	19	15	13	21	29	17
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	0	1	1	1
White	200	242	274	265	282	320	310	343	402	428	437
Two or more races ^c	na	na	na	na	na	na	na	6	3	9	12
Other or unknown race and ethnicity	23	26	21	29	36	53	29	49	52	52	57
Temporary resident	528	625	751	762	743	714	597	667	721	770	811
Other	1,054	1,096	1,242	1,437	1,580	1,600	1,670	1,902	1,892	2,143	2,246
U.S. citizen and permanent resident	515	502	608	718	811	876	955	1,063	1,065	1,208	1,309
Hispanic or Latino ^a	28	16	22	23	33	31	35	42	42	56	62
Non-Hispanic or Latino	487	486	586	695	778	845	920	1,021	1,023	1,152	1,247
American Indian or Alaska Native	2	2	1	2	3	6	1	3	2	2	6
Asian	na	na	na	na	na	na	na	181	161	191	182
Asian or Pacific Islander ^b	59	77	110	109	136	144	145	na	na	na	na
Black or African American	19	28	29	31	25	42	49	40	46	50	55
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	3	1	3	4
White	364	342	393	492	545	583	620	694	708	766	879
Two or more races ^c	na	na	na	na	na	na	na	9	13	16	21
Other or unknown race and ethnicity	43	37	53	61	69	70	105	91	92	124	100
Temporary resident	539	594	634	719	769	724	715	839	827	935	937
Non-S&E	21,987	24,294	25,857	28,299	28,357	28,446	24,756	25,642	26,711	27,959	28,652
U.S. citizen and permanent resident	18,536	20,683	21,934	24,293	24,323	24,459	21,189	21,914	22,944	24,015	24,874
Hispanic or Latino ^a	823	941	977	1,067	1,248	1,321	1,125	1,198	1,376	1,448	1,619
Non-Hispanic or Latino	17,713	19,742	20,957	23,226	23,075	23,138	20,064	20,716	21,568	22,567	23,255
American Indian or Alaska Native	103	139	118	127	142	162	121	124	131	154	131
Asian	na	na	na	na	na	na	na	1,052	1,174	1,258	1,222
Asian or Pacific Islander ^b	924	1,040	1,208	1,278	1,268	1,256	1,129	na	na	na	na
Black or African American	1,876	2,012	1,985	2,488	2,495	2,604	2,399	2,658	2,909	3,054	3,405
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	na	22	35	47	37
White	13,655	15,171	15,868	17,374	17,122	16,974	14,392	14,707	15,090	15,798	16,125

TABLE 7-4. Doctoral degrees awarded, by field, citizenship, ethnicity, and race: 2004–14

Field, citizenship, ethnicity, and race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Two or more races ^c	na	na	na	na	na	na	na	155	165	246	266
Other or unknown race and ethnicity	1,155	1,380	1,778	1,959	2,048	2,142	2,023	1,998	2,064	2,010	2,069
Temporary resident	3,451	3,611	3,923	4,006	4,034	3,987	3,567	3,728	3,767	3,944	3,778

na = not applicable; data were not collected for this detail.

S&E = science and engineering.

^a Beginning in 2008, the category includes Hispanic or Latino of one or more races.

^b Pacific Islander includes Native Hawaiian or Other Pacific Islander.

^c In 2011, the survey required institutions to begin reporting information on more than one race, along with information in the other racial and ethnic categories, but institutions were not required to update the race and ethnicity data of individuals who were already in the system. Therefore, the number reported for more than one race for the early years following 2011 is likely to be an undercount.

NOTES: Data in this table differ from doctoral degree data in this report that are based on the National Science Foundation's Survey of Earned Doctorates (SED). SED data are for research doctorates only. The greatest differences are in psychology, education, and medical and other health sciences. Before 2008, the National Center for Education Statistics (NCES) used two doctoral degree categories: doctor's, and first-professional. In 2008 and 2009, NCES allowed optional reporting in three new doctoral degree categories: doctor's—research or scholarship, doctor's—professional practice, and doctor's—other. In 2010, NCES required institutions to use only the three new doctoral degree categories. With the new reporting system, degrees formerly classified as first-professional (e.g., MDs and JDs) can be reported as doctoral degrees, most often as doctor's—professional practice. In this table, data for 2008 and 2009 include only doctorates reported under the old doctor's degree category plus those reported as doctor's—research or scholarship. Data for 2010 and later include only doctorates reported as doctor's—research or scholarship. Race and ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial and ethnic groups. Starting with 2011, data reflects the Office of Management and Budget's latest race and ethnicity categories.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey.