

Appendix table 2-33

Earned doctoral degrees, by citizenship, field, and race or ethnicity: 2000–11

Citizenship, field, and race or ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
All citizenships, races, and ethnicities												
All fields	44,947	45,068	44,311	46,177	48,560	52,855	56,309	60,887	61,716	61,730	57,405	59,847
S&E	27,862	28,096	27,588	28,746	30,979	34,468	37,541	40,980	41,480	41,111	36,711	38,470
Engineering	5,384	5,561	5,196	5,282	5,931	6,548	7,402	8,066	8,110	7,915	7,812	8,478
Aerospace	203	202	193	178	190	205	209	234	232	257	228	237
Chemical	665	680	693	608	708	872	911	915	950	886	929	951
Civil	628	647	669	685	736	830	864	935	909	902	851	894
Electrical	1,515	1,527	1,361	1,402	1,634	1,782	2,124	2,380	2,279	2,090	2,169	2,352
Industrial	218	262	275	258	280	286	302	364	346	333	290	319
Materials	454	454	381	457	494	514	611	663	665	661	653	651
Mechanical	821	906	813	786	835	963	1,139	1,138	1,149	1,186	1,022	1,172
Other	880	883	811	908	1,054	1,096	1,242	1,437	1,580	1,600	1,670	1,902
Science	22,478	22,535	22,392	23,464	25,048	27,920	30,139	32,914	33,370	33,196	28,899	29,992
Natural sciences	14,296	14,084	14,385	15,340	16,773	19,329	21,563	24,052	24,466	24,649	20,809	21,313
Agricultural sciences	984	934	969	1,060	1,016	1,004	1,037	1,068	1,080	1,143	982	1,053
Biological sciences	4,992	4,750	4,596	5,212	5,491	5,925	6,138	6,703	7,319	7,429	7,571	7,596
Earth, atmospheric, and ocean sciences	579	542	562	544	540	572	600	727	683	724	713	687
Atmospheric sciences	87	70	68	78	77	96	95	87	106	110	100	120
Earth sciences	393	380	404	368	369	379	430	513	469	503	496	467
Oceanography	99	92	90	98	94	97	75	127	108	111	117	100
Mathematics/computer sciences	1,858	1,769	1,677	1,825	1,975	2,301	2,713	2,953	3,058	3,110	3,155	3,152
Computer sciences	777	768	750	816	910	1,121	1,416	1,597	1,696	1,574	1,561	1,562
Mathematics/statistics	1,081	1,001	927	1,009	1,065	1,180	1,297	1,356	1,362	1,536	1,594	1,590
Medical/other health sciences	2,439	2,643	3,334	3,321	4,406	5,907	7,089	8,392	8,121	7,827	4,062	4,265
Medical sciences	893	864	882	850	1,010	1,144	1,252	1,293	1,320	1,254	1,506	1,497
Other health sciences	1,546	1,779	2,452	2,471	3,396	4,763	5,837	7,099	6,801	6,573	2,556	2,768
Physical sciences	3,444	3,446	3,247	3,378	3,345	3,620	3,986	4,209	4,205	4,416	4,326	4,560
Astronomy	101	103	70	101	101	115	114	128	163	143	160	166
Chemistry	2,090	2,134	2,037	2,158	2,105	2,226	2,502	2,606	2,495	2,652	2,564	2,685
Physics	1,208	1,169	1,096	1,089	1,119	1,254	1,341	1,442	1,507	1,580	1,570	1,670
Other physical sciences	45	40	44	30	20	25	29	33	40	41	32	39
Social/behavioral sciences	8,182	8,451	8,007	8,124	8,275	8,591	8,576	8,862	8,904	8,547	8,090	8,679
Psychology	4,200	4,538	4,185	4,258	4,389	4,681	4,484	4,696	4,600	4,046	3,606	3,952
Social sciences	3,982	3,913	3,822	3,866	3,886	3,910	4,092	4,166	4,304	4,501	4,484	4,727
Anthropology	471	428	508	487	537	459	480	519	491	527	534	596
Area/ethnic studies	212	216	209	176	204	184	220	226	246	226	237	257
Economics	1,001	1,016	961	967	978	1,111	1,057	1,107	1,172	1,172	1,120	1,152
History of science	23	21	20	27	20	28	34	27	34	19	31	27
Linguistics	202	193	152	201	194	172	216	219	215	240	203	235
Political science/public administration	1,019	1,047	992	1,055	1,001	1,049	1,098	1,093	1,104	1,244	1,312	1,314
Sociology	602	550	547	598	564	534	574	573	594	635	612	671
Other social sciences	452	442	433	355	388	373	413	402	448	438	435	475

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Earned doctoral degrees, by citizenship, field, and race or ethnicity: 2000–11

Citizenship, field, and race or ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Non-S&E	17,085	16,972	16,723	17,431	17,581	18,387	18,768	19,907	20,236	20,619	20,694	21,377
U.S. citizen or permanent resident												
All fields	34,113	34,105	33,382	34,551	35,807	38,512	40,334	43,888	44,509	45,019	41,759	43,514
S&E	19,401	19,382	19,110	19,731	21,136	23,113	24,816	27,283	27,594	27,753	24,106	25,296
Engineering	2,656	2,562	2,261	2,237	2,347	2,452	2,714	2,994	3,180	3,374	3,507	3,713
Aerospace	125	101	77	72	73	91	80	108	103	137	122	130
Chemical	364	357	354	295	340	360	423	373	417	437	469	440
Civil	319	300	273	283	257	296	296	359	330	348	347	353
Electrical	641	587	506	478	531	567	560	645	704	711	757	815
Industrial	104	109	115	93	119	107	117	129	125	112	116	124
Materials	240	217	172	198	205	191	242	286	284	281	316	283
Mechanical	384	414	335	336	307	338	388	376	406	472	425	505
Other	479	477	429	482	515	502	608	718	811	876	955	1,063
Science	16,745	16,820	16,849	17,494	18,789	20,661	22,102	24,289	24,414	24,379	20,599	21,583
Natural sciences	9,779	9,682	10,048	10,765	11,872	13,661	15,139	17,116	17,248	17,699	14,237	14,614
Agricultural sciences	553	544	549	626	601	611	640	643	668	715	639	660
Biological sciences	3,724	3,579	3,443	3,901	4,118	4,330	4,377	4,713	5,091	5,310	5,447	5,513
Earth, atmospheric, and ocean sciences	409	362	368	376	356	360	389	481	436	477	481	472
Atmospheric sciences	57	40	43	46	45	54	45	48	58	68	50	83
Earth sciences	280	258	266	259	245	244	296	347	302	333	350	312
Oceanography	72	64	59	71	66	62	48	86	76	76	81	77
Mathematics/computer sciences	990	920	848	926	963	1,040	1,134	1,325	1,338	1,518	1,645	1,621
Computer sciences	402	395	410	413	455	500	551	680	667	730	782	772
Mathematics/statistics	588	525	438	513	508	540	583	645	671	788	863	849
Medical/other health sciences	1,955	2,121	2,796	2,876	3,865	5,284	6,416	7,688	7,408	7,193	3,536	3,696
Medical sciences	615	582	568	577	655	735	816	862	910	848	1,142	1,108
Other health sciences	1,340	1,539	2,228	2,299	3,210	4,549	5,600	6,826	6,498	6,345	2,394	2,588
Physical sciences	2,148	2,156	2,044	2,060	1,969	2,036	2,183	2,266	2,307	2,486	2,489	2,652
Astronomy	76	78	53	79	75	73	73	89	117	98	119	108
Chemistry	1,336	1,383	1,355	1,374	1,321	1,366	1,461	1,464	1,414	1,586	1,542	1,592
Physics	708	677	604	591	562	585	635	696	754	781	808	928
Other physical sciences	28	18	32	16	11	12	14	17	22	21	20	24
Social/behavioral sciences	6,966	7,138	6,801	6,729	6,917	7,000	6,963	7,173	7,166	6,680	6,362	6,969
Psychology	4,042	4,381	4,042	4,059	4,191	4,452	4,230	4,450	4,359	3,770	3,334	3,694
Social sciences	2,924	2,757	2,759	2,670	2,726	2,548	2,733	2,723	2,807	2,910	3,028	3,275
Anthropology	409	356	430	420	466	392	425	433	416	431	444	505
Area/ethnic studies	180	180	180	149	168	154	187	202	190	178	191	214
Economics	474	422	419	377	396	368	371	369	438	408	459	456
History of science	18	20	16	24	14	21	28	16	29	12	25	24
Linguistics	105	100	84	102	105	95	114	123	114	145	118	146
Political science/public administration	856	859	821	827	809	806	827	811	822	919	967	1,013
Sociology	510	473	474	492	460	436	466	459	477	499	504	555

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Earned doctoral degrees, by citizenship, field, and race or ethnicity: 2000–11

Citizenship, field, and race or ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Other social sciences	372	347	335	279	308	276	315	310	321	318	320	362
Non-S&E	14,712	14,723	14,272	14,820	14,671	15,399	15,518	16,605	16,915	17,266	17,653	18,218
White												
All fields	26,471	25,865	25,319	25,864	26,425	28,152	29,114	31,355	31,342	31,526	28,670	29,455
S&E	14,975	14,663	14,620	14,926	15,765	17,082	18,057	19,929	19,824	20,004	16,736	17,346
Engineering	1,948	1,844	1,592	1,571	1,633	1,696	1,818	1,973	2,112	2,235	2,286	2,393
Aerospace	108	79	65	48	61	73	60	81	81	99	90	93
Chemical	275	271	240	209	242	275	297	250	296	312	331	307
Civil	238	225	205	216	188	209	208	245	231	241	235	228
Electrical	436	374	325	282	331	346	346	367	397	415	426	468
Industrial	79	79	83	67	88	73	77	82	71	71	66	77
Materials	191	170	135	150	159	136	163	191	209	194	208	183
Mechanical	261	285	236	254	200	242	274	265	282	320	310	343
Other	360	361	303	345	364	342	393	492	545	583	620	694
Science	13,027	12,819	13,028	13,355	14,132	15,386	16,239	17,956	17,712	17,769	14,450	14,953
Natural sciences	7,621	7,387	7,863	8,263	9,052	10,324	11,300	12,877	12,716	13,094	10,033	10,333
Agricultural sciences	470	453	474	522	502	519	526	541	534	576	480	509
Biological sciences	2,845	2,689	2,613	2,912	3,047	3,172	3,206	3,426	3,608	3,782	3,759	3,787
Earth, atmospheric, and ocean sciences	344	301	332	318	311	300	328	400	349	390	395	385
Atmospheric sciences	50	33	40	36	37	43	30	39	49	61	43	67
Earth sciences	230	210	242	224	212	204	258	289	235	263	280	258
Oceanography	64	58	50	58	62	53	40	72	65	66	72	60
Mathematics/computer sciences	746	687	624	671	697	706	784	895	936	1,042	1,140	1,141
Computer sciences	289	287	264	282	309	308	356	437	446	483	506	514
Mathematics/statistics	457	400	360	389	388	398	428	458	490	559	634	627
Medical/other health sciences	1,544	1,643	2,247	2,249	2,995	4,101	4,811	5,948	5,604	5,452	2,458	2,598
Medical sciences	465	417	422	398	471	475	531	578	583	553	736	657
Other health sciences	1,079	1,226	1,825	1,851	2,524	3,626	4,280	5,370	5,021	4,899	1,722	1,941
Physical sciences	1,672	1,614	1,573	1,591	1,500	1,526	1,645	1,667	1,685	1,852	1,801	1,913
Astronomy	55	52	41	61	63	62	57	63	94	85	97	84
Chemistry	1,030	1,028	1,031	1,078	986	1,021	1,080	1,071	993	1,145	1,095	1,131
Physics	561	516	473	437	442	435	496	519	582	603	592	681
Other physical sciences	26	18	28	15	9	8	12	14	16	19	17	17
Social/behavioral sciences	5,406	5,432	5,165	5,092	5,080	5,062	4,939	5,079	4,996	4,675	4,417	4,620
Psychology	3,186	3,373	3,104	3,145	3,057	3,241	3,034	3,171	3,036	2,664	2,342	2,471
Social sciences	2,220	2,059	2,061	1,947	2,023	1,821	1,905	1,908	1,960	2,011	2,075	2,149
Anthropology	332	283	326	313	349	296	325	330	299	308	318	365
Area/ethnic studies	123	116	106	84	93	84	91	103	109	95	92	113
Economics	349	325	318	272	286	244	237	233	292	281	322	279
History of science	11	15	12	20	13	17	19	13	20	11	21	20
Linguistics	82	66	65	74	82	73	74	86	95	99	89	104
Political science/public administration	659	636	625	596	605	591	580	573	578	622	648	627

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Earned doctoral degrees, by citizenship, field, and race or ethnicity: 2000–11

Citizenship, field, and race or ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Sociology	375	343	340	356	352	301	337	326	321	354	355	375
Other social sciences	289	275	269	232	243	215	242	244	246	241	230	266
Non-S&E	11,496	11,202	10,699	10,938	10,660	11,070	11,057	11,426	11,518	11,522	11,934	12,109
Asian or Pacific Islander												
All fields	2,297	2,440	2,184	2,259	2,464	2,695	2,996	3,251	3,201	3,203	3,183	3,180
S&E	1,714	1,767	1,606	1,651	1,816	2,071	2,249	2,414	2,393	2,394	2,325	2,370
Engineering	380	398	357	292	346	372	470	508	501	504	517	603
Aerospace	9	11	3	8	8	8	11	8	9	16	12	16
Chemical	50	49	65	44	64	43	70	63	55	56	65	59
Civil	37	33	30	19	25	40	44	50	38	35	37	46
Electrical	120	127	111	112	97	128	121	156	174	156	154	179
Industrial	13	14	10	12	14	17	10	15	17	15	15	14
Materials	27	26	22	14	27	17	38	55	27	32	43	46
Mechanical	67	76	49	40	52	42	66	52	45	50	46	59
Other	57	62	67	43	59	77	110	109	136	144	145	184
Science	1,334	1,369	1,249	1,359	1,470	1,699	1,779	1,906	1,892	1,890	1,808	1,767
Natural sciences	979	982	914	1,000	1,086	1,313	1,361	1,451	1,442	1,461	1,393	1,353
Agricultural sciences	26	24	17	28	28	22	25	24	34	34	32	29
Biological sciences	429	399	388	475	489	508	477	563	575	567	650	608
Earth, atmospheric, and ocean sciences	15	25	12	15	12	16	23	11	17	15	15	22
Atmospheric sciences	3	5	1	6	4	6	6	1	1	1	2	6
Earth sciences	12	19	8	7	8	6	16	8	12	10	11	12
Oceanography	0	1	3	2	0	4	1	2	4	4	2	4
Mathematics/computer sciences	127	108	98	98	110	142	155	190	140	194	208	220
Computer sciences	56	53	72	55	62	88	92	111	87	116	124	130
Mathematics/statistics	71	55	26	43	48	54	63	79	53	78	84	90
Medical/other health sciences	196	211	229	214	276	416	461	441	460	447	271	264
Medical sciences	69	69	67	67	69	107	124	104	107	102	136	135
Other health sciences	127	142	162	147	207	309	337	337	353	345	135	129
Physical sciences	186	215	170	170	171	209	220	222	216	204	217	210
Astronomy	8	4	3	5	7	6	6	6	4	3	4	4
Chemistry	124	138	120	111	127	139	160	155	150	148	151	139
Physics	52	73	45	53	37	62	54	60	57	53	60	65
Other physical sciences	2	0	2	1	0	2	0	1	5	0	2	2
Social/behavioral sciences	355	387	335	359	384	386	418	455	450	429	415	414
Psychology	181	209	177	195	224	221	242	265	252	207	197	190
Social sciences	174	178	158	164	160	165	176	190	198	222	218	224
Anthropology	16	19	13	22	23	17	23	23	29	18	19	24
Area/ethnic studies	7	11	13	17	18	13	14	16	9	10	21	22
Economics	44	42	44	38	33	46	47	50	49	48	53	56
History of science	0	0	0	1	0	1	2	1	1	0	0	1
Linguistics	15	13	10	10	10	10	20	24	9	27	12	14

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Earned doctoral degrees, by citizenship, field, and race or ethnicity: 2000–11

Citizenship, field, and race or ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Political science/public administration	44	46	41	42	38	41	38	42	45	60	71	59
Sociology	27	33	25	25	25	26	21	23	38	38	28	37
Other social sciences	21	14	12	9	13	11	11	11	18	21	14	11
Non-S&E	583	673	578	608	648	624	747	837	808	809	858	810
Black or African American												
All fields	2,147	2,091	2,268	2,362	2,725	2,854	2,884	3,452	3,478	3,645	3,372	3,759
S&E	821	838	871	893	1,034	1,071	1,204	1,287	1,352	1,451	1,239	1,426
Engineering	91	98	80	94	99	101	110	117	128	139	154	141
Aerospace	4	1	1	1	0	1	4	2	2	3	3	4
Chemical	8	15	10	8	7	9	13	18	17	11	14	15
Civil	8	9	11	11	6	10	9	10	9	9	12	14
Electrical	23	28	17	19	33	28	20	24	21	30	27	32
Industrial	6	5	6	6	10	6	11	8	18	10	16	13
Materials	5	5	4	9	6	7	11	8	13	15	18	10
Mechanical	24	17	16	12	18	12	13	16	23	19	15	13
Other	13	18	15	28	19	28	29	31	25	42	49	40
Science	730	740	791	799	935	970	1,094	1,170	1,224	1,312	1,085	1,285
Natural sciences	316	308	344	366	459	492	605	664	754	831	661	740
Agricultural sciences	20	16	16	26	20	19	28	24	26	28	47	21
Biological sciences	106	101	112	110	159	152	173	173	229	252	206	249
Earth, atmospheric, and ocean sciences	3	3	3	11	5	3	3	7	7	6	5	5
Atmospheric sciences	1	0	1	2	1	0	2	2	1	2	0	1
Earth sciences	2	3	2	6	3	2	0	3	5	4	5	3
Oceanography	0	0	0	3	1	1	1	2	1	0	0	1
Mathematics/computer sciences	28	26	35	36	26	37	41	51	46	57	57	54
Computer sciences	15	9	21	17	18	19	21	30	24	30	33	31
Mathematics/statistics	13	17	14	19	8	18	20	21	22	27	24	23
Medical/other health sciences	94	90	109	118	185	229	305	323	369	410	266	325
Medical sciences	36	30	29	36	46	62	74	75	73	78	106	132
Other health sciences	58	60	80	82	139	167	231	248	296	332	160	193
Physical sciences	65	72	69	65	64	52	55	86	77	78	80	86
Astronomy	1	0	1	1	1	0	1	2	0	0	2	1
Chemistry	45	56	46	47	51	37	43	64	62	66	59	67
Physics	19	16	22	17	11	15	11	20	15	11	18	17
Other physical sciences	0	0	0	0	1	0	0	0	0	1	1	1
Social/behavioral sciences	414	432	447	433	476	478	489	506	470	481	424	545
Psychology	214	240	231	241	281	275	256	278	271	259	212	275
Social sciences	200	192	216	192	195	203	233	228	199	222	212	270
Anthropology	20	12	25	23	26	24	21	19	18	22	21	18
Area/ethnic studies	17	25	28	17	22	21	36	38	36	33	30	30
Economics	22	9	19	11	19	9	18	18	15	8	10	19
History of science	0	1	1	0	0	1	1	1	0	1	0	0

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Earned doctoral degrees, by citizenship, field, and race or ethnicity: 2000–11

Citizenship, field, and race or ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Linguistics	1	4	1	0	4	2	5	0	2	2	2	5
Political science/public administration	70	79	78	79	67	83	90	85	67	94	80	121
Sociology	50	42	44	51	40	44	45	47	45	48	51	47
Other social sciences	20	20	20	11	17	19	17	20	16	14	18	30
Non-S&E	1,326	1,253	1,397	1,469	1,691	1,783	1,680	2,165	2,126	2,194	2,133	2,333
Hispanic ^a												
All fields	1,382	1,594	1,503	1,609	1,739	1,914	1,980	2,138	2,410	2,419	2,294	2,457
S&E	775	905	840	878	1,057	1,121	1,190	1,301	1,499	1,335	1,312	1,397
Engineering	86	88	88	106	101	98	105	138	130	153	196	182
Aerospace	2	7	3	4	3	4	0	7	3	8	7	8
Chemical	18	8	17	13	9	20	20	16	20	22	33	23
Civil	11	14	6	14	21	13	16	25	14	21	26	18
Electrical	17	17	26	22	19	14	11	33	27	27	42	41
Industrial	3	4	9	2	2	4	12	12	9	6	11	10
Materials	7	10	5	9	6	13	12	9	7	10	19	9
Mechanical	10	16	11	15	13	14	12	13	17	28	23	31
Other	18	12	11	27	28	16	22	23	33	31	35	42
Science	689	817	752	772	956	1,023	1,085	1,163	1,369	1,182	1,116	1,215
Natural sciences	319	386	342	382	468	503	573	619	803	727	674	692
Agricultural sciences	13	21	20	16	17	14	36	15	18	21	33	45
Biological sciences	149	155	139	171	186	216	212	226	274	282	326	324
Earth, atmospheric, and ocean sciences	9	10	4	8	10	11	12	18	17	14	16	14
Atmospheric sciences	1	0	1	1	0	1	2	2	2	0	0	1
Earth sciences	6	6	1	3	10	9	10	12	13	12	13	11
Oceanography	2	4	2	4	0	1	0	4	2	2	3	2
Mathematics/computer sciences	25	29	28	28	41	38	33	38	45	58	48	48
Computer sciences	13	12	19	11	18	17	6	17	16	23	17	19
Mathematics/statistics	12	17	9	17	23	21	27	21	29	35	31	29
Medical/other health sciences	56	90	82	94	141	148	187	230	337	237	143	138
Medical sciences	16	28	22	29	31	30	34	51	84	38	63	67
Other health sciences	40	62	60	65	110	118	153	179	253	199	80	71
Physical sciences	67	81	69	65	73	76	93	92	112	115	108	123
Astronomy	3	4	1	2	2	2	1	5	3	4	4	5
Chemistry	45	59	48	44	58	57	70	65	89	86	72	79
Physics	19	18	19	19	13	16	21	22	20	25	32	37
Other physical sciences	0	0	1	0	0	1	1	0	0	0	0	2
Social/behavioral sciences	370	431	410	390	488	520	512	544	566	455	442	523
Psychology	267	308	297	247	339	388	367	417	420	316	277	335
Social sciences	103	123	113	143	149	132	145	127	146	139	165	188
Anthropology	8	19	20	29	37	20	25	18	29	34	27	40
Area/ethnic studies	7	9	10	8	13	12	13	14	11	8	16	14
Economics	18	18	13	20	25	22	21	22	16	18	22	16

Appendix table 2-33

Earned doctoral degrees, by citizenship, field, and race or ethnicity: 2000–11

Citizenship, field, and race or ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
History of science	1	2	0	0	0	1	2	1	0	0	2	1
Linguistics	1	5	3	4	2	3	4	3	3	4	3	3
Political science/public administration	28	34	35	36	43	35	35	34	36	37	46	50
Sociology	24	24	22	37	24	29	37	23	38	22	29	49
Other social sciences	16	12	10	9	5	10	8	12	13	16	20	15
Non-S&E	607	689	663	731	682	793	790	837	911	1,084	982	1,060
American Indian or Alaska Native												
All fields	155	170	175	185	206	224	214	232	244	282	224	232
S&E	82	88	84	106	117	109	111	128	139	154	121	122
Engineering	5	10	6	12	8	6	7	8	15	19	10	15
Aerospace	0	0	0	0	0	1	0	0	1	0	0	0
Chemical	0	3	1	1	1	0	1	1	2	5	0	4
Civil	1	0	1	0	1	0	0	3	2	3	1	1
Electrical	1	3	0	3	3	0	2	1	2	2	4	0
Industrial	0	0	0	0	0	0	1	0	1	0	1	0
Materials	0	0	1	0	0	1	0	0	1	1	1	3
Mechanical	2	2	2	1	1	2	2	1	3	2	2	4
Other	1	2	1	7	2	2	1	2	3	6	1	3
Science	77	78	78	94	109	103	104	120	124	135	111	107
Natural sciences	34	33	36	39	53	56	50	62	74	83	63	62
Agricultural sciences	2	1	0	1	7	4	1	3	8	5	6	5
Biological sciences	8	14	14	18	16	18	19	23	20	27	21	25
Earth, atmospheric, and ocean sciences	6	0	0	1	3	3	0	2	2	2	2	0
Atmospheric sciences	0	0	0	0	1	1	0	0	0	0	1	0
Earth sciences	5	0	0	1	2	2	0	1	2	1	1	0
Oceanography	1	0	0	0	0	0	0	1	0	1	0	0
Mathematics/computer sciences	2	3	2	2	1	0	6	4	2	5	5	8
Computer sciences	0	1	1	1	1	0	6	3	0	2	3	3
Mathematics/statistics	2	2	1	1	0	0	0	1	2	3	2	5
Medical/other health sciences	8	10	11	11	14	24	15	23	37	34	18	14
Medical sciences	4	4	2	4	2	2	3	5	5	7	4	5
Other health sciences	4	6	9	7	12	22	12	18	32	27	14	9
Physical sciences	8	5	9	6	12	7	9	7	5	10	11	10
Astronomy	1	0	0	0	0	0	0	0	0	0	1	0
Chemistry	7	5	7	6	9	6	6	3	4	7	8	7
Physics	0	0	2	0	3	1	3	4	1	3	2	3
Other physical sciences	0	0	0	0	0	0	0	0	0	0	0	0
Social/behavioral sciences	43	45	42	55	56	47	54	58	50	52	48	45
Psychology	28	27	24	31	36	29	32	36	31	23	19	23
Social sciences	15	18	18	24	20	18	22	22	19	29	29	22
Anthropology	4	3	6	6	5	4	4	6	1	6	9	4
Area/ethnic studies	2	2	3	2	3	4	5	6	6	11	6	6

Appendix table 2-33

Earned doctoral degrees, by citizenship, field, and race or ethnicity: 2000–11

Citizenship, field, and race or ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Economics	0	0	0	2	1	0	2	2	1	1	1	1
History of science	0	0	0	0	0	0	0	0	0	0	0	0
Linguistics	0	1	0	0	0	0	1	1	2	0	1	0
Political science/public administration	3	7	1	4	4	3	4	0	6	6	5	4
Sociology	4	4	7	6	1	5	0	4	3	3	3	4
Other social sciences	2	1	1	4	6	2	6	3	0	2	4	3
Non-S&E	73	82	91	79	89	115	103	104	105	128	103	110
Other/unknown race or ethnicity												
All fields	1,661	1,945	1,933	2,272	2,248	2,673	3,146	3,460	3,834	3,944	4,016	4,431
S&E	1,034	1,121	1,089	1,277	1,347	1,659	2,005	2,224	2,387	2,415	2,373	2,635
Engineering	146	124	138	162	160	179	204	250	294	324	344	379
Aerospace	2	3	5	11	1	4	5	10	7	11	10	9
Chemical	13	11	21	20	17	13	22	25	27	31	26	32
Civil	24	19	20	23	16	24	19	26	36	39	36	46
Electrical	44	38	27	40	48	51	60	64	83	81	104	95
Industrial	3	7	7	6	5	7	6	12	9	10	7	10
Materials	10	6	5	16	7	17	18	23	27	29	27	32
Mechanical	20	18	21	14	23	26	21	29	36	53	29	55
Other	30	22	32	32	43	37	53	61	69	70	105	100
Science	888	997	951	1,115	1,187	1,480	1,801	1,974	2,093	2,091	2,029	2,256
Natural sciences	510	586	549	715	754	973	1,250	1,443	1,459	1,503	1,413	1,434
Agricultural sciences	22	29	22	33	27	33	24	36	48	51	41	51
Biological sciences	187	221	177	215	221	264	290	302	385	400	485	520
Earth, atmospheric, and ocean sciences	32	23	17	23	15	27	23	43	44	50	48	46
Atmospheric sciences	2	2	0	1	2	3	5	4	5	4	4	8
Earth sciences	25	20	13	18	10	21	12	34	35	43	40	28
Oceanography	5	1	4	4	3	3	6	5	4	3	4	10
Mathematics/computer sciences	62	67	61	91	88	117	115	147	169	162	187	150
Computer sciences	29	33	33	47	47	68	70	82	94	76	99	75
Mathematics/statistics	33	34	28	44	41	49	45	65	75	86	88	75
Medical/other health sciences	57	77	118	190	254	366	637	723	601	613	380	357
Medical sciences	25	34	26	43	36	59	50	49	58	70	97	112
Other health sciences	32	43	92	147	218	307	587	674	543	543	283	245
Physical sciences	150	169	154	163	149	166	161	192	212	227	272	310
Astronomy	8	18	7	10	2	3	8	13	16	6	11	14
Chemistry	85	97	103	88	90	106	102	106	116	134	157	169
Physics	57	54	43	65	56	56	50	71	79	86	104	125
Other physical sciences	0	0	1	0	1	1	1	2	1	1	0	2
Social/behavioral sciences	378	411	402	400	433	507	551	531	634	588	616	822
Psychology	166	224	209	200	254	298	299	283	349	301	287	400
Social sciences	212	187	193	200	179	209	252	248	285	287	329	422
Anthropology	29	20	40	27	26	31	27	37	40	43	50	54

Appendix table 2-33

Earned doctoral degrees, by citizenship, field, and race or ethnicity: 2000–11

Citizenship, field, and race or ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Area/ethnic studies	24	17	20	21	19	20	28	25	19	21	26	29
Economics	41	28	25	34	32	47	46	44	65	52	51	85
History of science	6	2	3	3	1	1	4	0	8	0	2	2
Linguistics	6	11	5	14	7	7	10	9	3	13	11	20
Political science/public administration	52	57	41	70	52	53	80	77	90	100	117	152
Sociology	30	27	36	17	18	31	26	36	32	34	38	43
Other social sciences	24	25	23	14	24	19	31	20	28	24	34	37
Non-S&E	627	824	844	995	901	1,014	1,141	1,236	1,447	1,529	1,643	1,796
Temporary resident												
All fields	10,834	10,963	10,929	11,626	12,753	14,343	15,975	16,999	17,207	16,711	15,646	16,333
S&E	8,461	8,714	8,478	9,015	9,843	11,355	12,725	13,697	13,886	13,358	12,605	13,174
Engineering	2,728	2,999	2,935	3,045	3,584	4,096	4,688	5,072	4,930	4,541	4,305	4,765
Aerospace	78	101	116	106	117	114	129	126	129	120	106	107
Chemical	301	323	339	313	368	512	488	542	533	449	460	511
Civil	309	347	396	402	479	534	568	576	579	554	504	541
Electrical	874	940	855	924	1,103	1,215	1,564	1,735	1,575	1,379	1,412	1,537
Industrial	114	153	160	165	161	179	185	235	221	221	174	195
Materials	214	237	209	259	289	323	369	377	381	380	337	368
Mechanical	437	492	478	450	528	625	751	762	743	714	597	667
Other	401	406	382	426	539	594	634	719	769	724	715	839
Science	5,733	5,715	5,543	5,970	6,259	7,259	8,037	8,625	8,956	8,817	8,300	8,409
Natural sciences	4,517	4,402	4,337	4,575	4,901	5,668	6,424	6,936	7,218	6,950	6,572	6,699
Agricultural sciences	431	390	420	434	415	393	397	425	412	428	343	393
Biological sciences	1,268	1,171	1,153	1,311	1,373	1,595	1,761	1,990	2,228	2,119	2,124	2,083
Earth, atmospheric, and ocean sciences	170	180	194	168	184	212	211	246	247	247	232	215
Atmospheric sciences	30	30	25	32	32	42	50	39	48	42	50	37
Earth sciences	113	122	138	109	124	135	134	166	167	170	146	155
Oceanography	27	28	31	27	28	35	27	41	32	35	36	23
Mathematics/computer sciences	868	849	829	899	1,012	1,261	1,579	1,628	1,720	1,592	1,510	1,531
Computer sciences	375	373	340	403	455	621	865	917	1,029	844	779	790
Mathematics/statistics	493	476	489	496	557	640	714	711	691	748	731	741
Medical/other health sciences	484	522	538	445	541	623	673	704	713	634	526	569
Medical sciences	278	282	314	273	355	409	436	431	410	406	364	389
Other health sciences	206	240	224	172	186	214	237	273	303	228	162	180
Physical sciences	1,296	1,290	1,203	1,318	1,376	1,584	1,803	1,943	1,898	1,930	1,837	1,908
Astronomy	25	25	17	22	26	42	41	39	46	45	41	58
Chemistry	754	751	682	784	784	860	1,041	1,142	1,081	1,066	1,022	1,093
Physics	500	492	492	498	557	669	706	746	753	799	762	742
Other physical sciences	17	22	12	14	9	13	15	16	18	20	12	15
Social/behavioral sciences	1,216	1,313	1,206	1,395	1,358	1,591	1,613	1,689	1,738	1,867	1,728	1,710
Psychology	158	157	143	199	198	229	254	246	241	276	272	258
Social sciences	1,058	1,156	1,063	1,196	1,160	1,362	1,359	1,443	1,497	1,591	1,456	1,452

Appendix table 2-33

Earned doctoral degrees, by citizenship, field, and race or ethnicity: 2000–11

Citizenship, field, and race or ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Anthropology	62	72	78	67	71	67	55	86	75	96	90	91
Area/ethnic studies	32	36	29	27	36	30	33	24	56	48	46	43
Economics	527	594	542	590	582	743	686	738	734	764	661	696
History of science	5	1	4	3	6	7	6	11	5	7	6	3
Linguistics	97	93	68	99	89	77	102	96	101	95	85	89
Political science/public administration	163	188	171	228	192	243	271	282	282	325	345	301
Sociology	92	77	73	106	104	98	108	114	117	136	108	116
Other social sciences	80	95	98	76	80	97	98	92	127	120	115	113
Non-S&E	2,373	2,249	2,451	2,611	2,910	2,988	3,250	3,302	3,321	3,353	3,041	3,159

^a Hispanic may be any race. American Indian or Alaska Native, Asian, black or African American, Native Hawaiian or Other Pacific Islander, white, and more than one race refer to individuals who are not of Hispanic origin.

NOTES: Racial and ethnic breakouts include U.S. citizens and permanent residents only; temporary resident includes all racial and ethnic groups. Data in this table differ from doctoral degree data in other tables and figures in this report that are based on the National Science Foundation Survey of Earned Doctorates and that refer to research doctorates only. The greatest differences are in psychology, education, and medical/other health sciences. Before 2008, the National Center for Education Statistics (NCES) used two doctoral degree categories (doctor's and first-professional). Data in this table for those years include only the doctor's category. In 2008 and 2009, NCES allowed optional reporting in three new doctoral degree categories (doctor's—research/scholarship, doctor's—professional practice, and doctor's—other) in addition to the doctor's category. For those 2 years, data in this table include only doctorates reported in the doctor's category plus those reported in doctor's—research/scholarship. In 2010, NCES required institutions to use only the three new doctoral degree categories, and data in this table for 2010 and later include only doctorates reported in the category doctor's—research/scholarship. This change primarily affects data for Other health sciences.

SOURCES: National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey; and National Science Foundation, National Center for Science and Engineering Statistics, Integrated Science and Engineering Resources Data System (WebCASPAR), <http://webcaspar.nsf.gov>.