

TABLE 4. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 2000–10

Characteristic and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
All fields	41,372	40,744	40,030	40,766	42,122	43,382	45,620	48,133	48,774	49,554	48,069
Science and engineering	25,966	25,529	24,608	25,283	26,275	27,984	29,867	31,831	32,836	33,466	33,141
Science	20,643	20,019	19,527	20,002	20,498	21,557	22,682	24,081	24,972	25,820	25,589
Agricultural sciences	1,037	977	1,009	1,060	1,045	1,038	1,033	1,140	1,088	1,167	984
Biological sciences	5,853	5,694	5,695	5,696	5,942	6,366	6,651	7,238	7,797	8,024	8,052
Computer sciences	861	830	809	867	948	1,129	1,453	1,655	1,787	1,609	1,665
Earth, atmospheric, and ocean sciences	694	660	689	683	686	714	757	875	865	877	864
Mathematics	1,050	1,010	919	993	1,076	1,205	1,325	1,388	1,400	1,553	1,589
Physical sciences	3,378	3,366	3,187	3,287	3,335	3,643	3,928	4,081	4,081	4,284	4,201
Astronomy	185	186	141	167	165	186	197	223	249	262	266
Chemistry	1,989	1,982	1,923	2,040	1,986	2,126	2,363	2,318	2,246	2,392	2,306
Physics	1,204	1,198	1,123	1,080	1,184	1,331	1,368	1,540	1,586	1,630	1,629
Psychology	3,615	3,401	3,206	3,277	3,327	3,322	3,258	3,271	3,355	3,472	3,421
Social sciences	4,155	4,081	4,013	4,139	4,139	4,140	4,277	4,433	4,599	4,834	4,813
Engineering	5,323	5,510	5,081	5,281	5,777	6,427	7,185	7,750	7,864	7,646	7,552
Aerospace, aeronautical, and astronautical engineering	214	202	209	200	201	219	238	267	266	297	252
Chemical engineering	619	636	607	568	638	774	799	817	873	807	821
Civil engineering	480	501	540	552	547	622	655	703	713	709	645
Electrical, electronics, and communications engineering	1,330	1,346	1,211	1,238	1,389	1,547	1,786	1,967	1,888	1,695	1,776
Industrial and manufacturing engineering	176	206	230	214	217	221	234	279	280	252	214
Materials science engineering	404	448	364	438	474	493	583	646	636	625	670
Mechanical engineering	807	878	771	752	754	892	1,044	1,071	1,082	1,094	987
Other engineering	1,293	1,293	1,149	1,319	1,557	1,659	1,846	2,000	2,126	2,167	2,187
Non-science and engineering	15,406	15,215	15,422	15,483	15,847	15,398	15,753	16,302	15,938	16,088	14,928
Education	6,442	6,356	6,508	6,651	6,635	6,227	6,121	6,448	6,561	6,528	5,294
Health	1,591	1,540	1,655	1,633	1,718	1,784	1,907	2,143	2,090	2,096	2,112
Humanities	5,213	5,178	5,050	5,019	5,012	4,950	5,124	4,873	4,502	4,661	4,759
Professional/other/unknown	2,160	2,141	2,209	2,180	2,482	2,437	2,601	2,838	2,785	2,803	2,763
Male, all fields	23,166	22,781	21,809	22,257	22,966	23,734	25,019	26,206	26,270	26,334	25,548
Science and engineering	16,518	16,188	15,390	15,761	16,418	17,404	18,371	19,542	19,857	19,842	19,584
Science	12,059	11,617	11,215	11,391	11,662	12,177	12,643	13,400	13,689	13,834	13,778
Agricultural sciences	718	630	684	686	646	659	621	681	628	661	533
Biological sciences	3,225	3,136	3,146	3,091	3,184	3,252	3,376	3,708	3,861	3,834	3,829
Computer sciences	717	673	639	690	749	905	1,142	1,323	1,387	1,259	1,312
Earth, atmospheric, and ocean sciences	495	461	477	470	448	470	490	542	548	539	497
Mathematics	790	734	652	729	771	877	932	985	966	1,067	1,122
Physical sciences	2,546	2,531	2,335	2,396	2,470	2,670	2,830	2,905	2,957	2,995	2,929
Astronomy	145	145	114	127	119	137	141	163	187	178	177
Chemistry	1,361	1,350	1,277	1,384	1,350	1,403	1,550	1,486	1,479	1,491	1,443
Physics	1,040	1,036	944	885	1,001	1,130	1,139	1,256	1,291	1,326	1,309
Psychology	1,203	1,128	1,065	1,043	1,081	1,058	936	939	998	991	1,034
Social sciences	2,365	2,324	2,217	2,286	2,313	2,286	2,316	2,317	2,344	2,488	2,522
Engineering	4,459	4,571	4,175	4,370	4,756	5,227	5,728	6,142	6,168	6,008	5,806
Aerospace, aeronautical, and astronautical engineering	191	174	185	173	177	190	212	236	238	255	215
Chemical engineering	486	478	457	427	488	590	583	620	641	591	574
Civil engineering	402	418	442	465	461	503	538	538	568	560	474
Electrical, electronics, and communications engineering	1,163	1,186	1,062	1,091	1,195	1,338	1,535	1,662	1,568	1,435	1,460
Industrial and manufacturing engineering	140	160	162	159	174	177	167	201	201	186	158
Materials science engineering	330	349	286	339	389	380	430	482	482	466	495
Mechanical engineering	717	790	681	674	670	778	900	940	930	941	860
Other engineering	1,030	1,016	900	1,042	1,202	1,271	1,363	1,463	1,540	1,574	1,570
Non-science and engineering	6,648	6,593	6,419	6,496	6,548	6,330	6,648	6,664	6,413	6,492	5,964
Education	2,260	2,251	2,196	2,256	2,264	2,065	2,130	2,103	2,158	2,161	1,662
Health	522	542	527	543	541	564	615	687	662	627	630
Humanities	2,616	2,583	2,511	2,501	2,416	2,459	2,558	2,481	2,161	2,260	2,299
Professional/other/unknown	1,250	1,217	1,185	1,196	1,327	1,242	1,345	1,393	1,432	1,444	1,373

TABLE 4. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 2000–10

Characteristic and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Female, all fields	18,133	17,888	18,141	18,509	19,154	19,582	20,560	21,901	22,494	23,186	22,505
Science and engineering	9,394	9,298	9,174	9,522	9,856	10,539	11,477	12,277	12,972	13,596	13,548
Science	8,556	8,369	8,280	8,611	8,835	9,357	10,025	10,672	11,279	11,963	11,805
Agricultural sciences	317	340	319	374	399	376	412	456	460	504	450
Biological sciences	2,622	2,549	2,547	2,605	2,758	3,106	3,271	3,529	3,934	4,184	4,220
Computer sciences	142	155	167	177	199	221	311	332	400	349	353
Earth, atmospheric, and ocean sciences	196	198	212	213	238	244	266	333	316	338	367
Mathematics	259	276	265	264	305	326	393	402	433	483	467
Physical sciences	827	830	848	891	864	971	1,094	1,175	1,124	1,280	1,271
Astronomy	40	41	27	40	46	49	56	59	62	84	89
Chemistry	624	628	645	656	635	723	810	832	767	895	863
Physics	163	161	176	195	183	199	228	284	295	301	319
Psychology	2,409	2,270	2,137	2,234	2,246	2,263	2,320	2,332	2,357	2,481	2,387
Social sciences	1,784	1,751	1,785	1,853	1,826	1,850	1,958	2,113	2,255	2,344	2,290
Engineering	838	929	894	911	1,021	1,182	1,452	1,605	1,693	1,633	1,743
Aerospace, aeronautical, and astronautical engineering	21	27	24	27	24	29	25	31	28	41	37
Chemical engineering	131	156	150	141	150	183	216	197	232	216	247
Civil engineering	78	82	97	87	86	118	117	165	145	149	170
Electrical, electronics, and communications engineering	157	159	143	147	194	205	250	304	319	260	315
Industrial and manufacturing engineering	35	45	68	55	43	41	67	78	79	66	55
Materials science engineering	73	99	78	99	85	112	152	164	154	159	175
Mechanical engineering	89	86	88	78	84	114	144	131	152	152	127
Other engineering	254	275	246	277	355	380	481	535	584	590	617
Non-science and engineering	8,739	8,590	8,967	8,987	9,298	9,043	9,083	9,624	9,522	9,590	8,957
Education	4,179	4,100	4,299	4,395	4,370	4,152	3,984	4,344	4,402	4,366	3,630
Health	1,066	989	1,126	1,090	1,177	1,217	1,289	1,452	1,427	1,467	1,482
Humanities	2,593	2,587	2,529	2,518	2,596	2,485	2,561	2,390	2,341	2,400	2,459
Professional/other/unknown	901	914	1,013	984	1,155	1,189	1,249	1,438	1,352	1,357	1,386
U.S. citizen or permanent resident, all fields	29,962	28,905	27,745	28,179	28,044	27,956	29,046	29,513	30,838	32,319	31,573
Science and engineering	17,137	16,375	15,562	15,769	15,778	16,045	16,865	17,322	18,530	19,715	19,983
Science	14,561	13,918	13,392	13,590	13,587	13,756	14,364	14,774	15,572	16,550	16,680
Agricultural sciences	559	508	492	565	568	558	589	629	602	670	580
Biological sciences	4,271	4,255	4,126	4,067	4,207	4,397	4,507	4,834	5,141	5,525	5,577
Computer sciences	462	429	424	447	448	468	589	640	697	734	786
Earth, atmospheric, and ocean sciences	475	412	432	452	438	444	474	552	536	559	572
Mathematics	575	529	443	517	511	543	619	603	673	772	839
Physical sciences	2,073	2,038	1,926	1,954	1,860	1,899	2,007	2,017	2,138	2,355	2,329
Astronomy	139	125	106	130	115	121	125	135	175	174	190
Chemistry	1,242	1,235	1,230	1,268	1,185	1,212	1,276	1,190	1,231	1,391	1,324
Physics	692	678	590	556	560	566	606	692	732	790	815
Psychology	3,232	2,998	2,809	2,870	2,798	2,896	2,828	2,778	2,888	2,907	2,867
Social sciences	2,914	2,749	2,740	2,718	2,757	2,551	2,751	2,721	2,897	3,028	3,130
Engineering	2,576	2,457	2,170	2,179	2,191	2,289	2,501	2,548	2,958	3,165	3,303
Aerospace, aeronautical, and astronautical engineering	127	101	93	80	77	98	91	118	122	160	141
Chemical engineering	342	332	307	282	295	306	359	310	396	410	432
Civil engineering	216	220	206	203	178	192	195	221	207	262	232
Electrical, electronics, and communications engineering	570	487	456	416	433	480	478	492	558	578	625
Industrial and manufacturing engineering	77	89	81	71	77	75	69	73	90	70	62
Materials science engineering	221	206	166	181	197	177	216	250	266	254	313
Mechanical engineering	373	392	322	318	273	301	353	334	371	421	404
Other engineering	650	630	539	628	661	660	740	750	948	1,010	1,094
Non-science and engineering	12,825	12,530	12,183	12,410	12,266	11,911	12,181	12,191	12,308	12,604	11,590
Education	5,686	5,463	5,417	5,650	5,452	5,255	5,170	5,359	5,584	5,583	4,473
Health	1,198	1,135	1,198	1,224	1,266	1,292	1,374	1,492	1,491	1,564	1,570
Humanities	4,393	4,395	4,129	4,138	4,057	3,862	4,067	3,719	3,572	3,696	3,826
Professional/other/unknown	1,548	1,537	1,439	1,398	1,491	1,502	1,570	1,621	1,661	1,761	1,721

TABLE 4. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 2000–10

Characteristic and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Male U.S. citizen or permanent resident, all fields	15,310	14,688	13,781	13,925	13,769	13,591	14,273	14,246	14,772	15,504	15,260
Science and engineering	9,996	9,477	8,840	8,922	8,910	8,895	9,327	9,476	10,069	10,603	10,826
Science	7,912	7,499	7,114	7,183	7,192	7,086	7,407	7,533	7,865	8,257	8,384
Agricultural sciences	364	311	310	363	341	334	361	369	345	358	291
Biological sciences	2,283	2,279	2,202	2,146	2,195	2,226	2,264	2,418	2,514	2,569	2,574
Computer sciences	374	331	326	348	346	366	457	510	521	580	608
Earth, atmospheric, and ocean sciences	330	273	269	298	263	279	296	316	319	330	323
Mathematics	410	374	309	365	357	391	448	424	453	540	589
Physical sciences	1,533	1,512	1,395	1,391	1,359	1,338	1,427	1,409	1,519	1,604	1,585
Astronomy	104	95	85	100	82	87	87	101	127	116	126
Chemistry	820	826	811	849	803	767	833	746	793	848	812
Physics	609	591	499	442	474	484	507	562	599	640	647
Psychology	1,053	981	920	897	899	901	791	794	830	817	871
Social sciences	1,565	1,438	1,383	1,375	1,432	1,251	1,363	1,293	1,364	1,459	1,543
Engineering	2,084	1,978	1,726	1,739	1,718	1,809	1,920	1,943	2,204	2,346	2,442
Aerospace, aeronautical, and astronautical engineering	113	83	82	69	67	87	79	101	109	138	119
Chemical engineering	250	251	230	212	222	230	258	232	272	294	295
Civil engineering	172	173	157	157	135	141	147	174	149	193	154
Electrical, electronics, and communications engineering	496	433	395	364	373	409	420	413	465	483	518
Industrial and manufacturing engineering	59	61	49	49	57	58	40	44	55	44	39
Materials science engineering	173	152	122	137	162	129	159	181	198	170	222
Mechanical engineering	321	356	279	281	233	260	291	289	304	347	341
Other engineering	500	469	412	470	469	495	526	509	652	677	754
Non-science and engineering	5,314	5,211	4,941	5,003	4,859	4,696	4,946	4,770	4,703	4,901	4,434
Education	1,926	1,898	1,809	1,863	1,802	1,691	1,781	1,731	1,799	1,844	1,386
Health	342	333	338	351	346	363	375	387	381	402	390
Humanities	2,217	2,161	2,082	2,082	1,993	1,935	2,046	1,934	1,745	1,801	1,852
Professional/other/unknown	829	819	712	707	718	707	744	718	778	854	806
Female U.S. citizen or permanent resident, all fields	14,647	14,217	13,963	14,254	14,275	14,363	14,773	15,266	16,065	16,814	16,313
Science and engineering	7,139	6,898	6,721	6,847	6,868	7,148	7,538	7,845	8,461	9,111	9,157
Science	6,647	6,419	6,277	6,407	6,395	6,669	6,957	7,240	7,707	8,292	8,296
Agricultural sciences	195	197	181	202	227	224	228	260	257	312	289
Biological sciences	1,988	1,976	1,924	1,921	2,012	2,170	2,243	2,416	2,627	2,956	3,003
Computer sciences	88	98	98	99	102	102	132	130	176	154	178
Earth, atmospheric, and ocean sciences	145	139	163	154	175	165	178	236	217	229	249
Mathematics	164	155	134	152	154	152	171	179	220	231	250
Physical sciences	540	526	531	563	501	561	580	607	619	751	744
Astronomy	35	30	21	30	33	34	38	33	48	58	64
Chemistry	422	409	419	419	382	445	443	444	438	543	512
Physics	83	87	91	114	86	82	99	130	133	150	168
Psychology	2,178	2,017	1,889	1,973	1,899	1,995	2,037	1,984	2,058	2,090	1,996
Social sciences	1,349	1,311	1,357	1,343	1,325	1,300	1,388	1,428	1,533	1,569	1,587
Engineering	492	479	444	440	473	479	581	605	754	819	861
Aerospace, aeronautical, and astronautical engineering	14	18	11	11	10	11	12	17	13	22	22
Chemical engineering	92	81	77	70	73	76	101	78	124	116	137
Civil engineering	44	47	49	46	43	51	48	47	58	69	78
Electrical, electronics, and communications engineering	74	54	61	52	60	70	58	79	93	95	107
Industrial and manufacturing engineering	18	28	32	22	20	17	29	29	35	26	23
Materials science engineering	48	54	44	44	35	48	57	69	68	84	91
Mechanical engineering	52	36	43	37	40	41	62	45	67	74	63
Other engineering	150	161	127	158	192	165	214	241	296	333	340
Non-science and engineering	7,508	7,319	7,242	7,407	7,407	7,215	7,235	7,421	7,604	7,703	7,156
Education	3,759	3,565	3,608	3,787	3,650	3,564	3,389	3,628	3,784	3,739	3,087
Health	856	802	860	873	920	929	999	1,105	1,110	1,162	1,180
Humanities	2,175	2,234	2,047	2,056	2,064	1,927	2,021	1,785	1,827	1,895	1,974
Professional/other/unknown	718	718	727	691	773	795	826	903	883	907	915

TABLE 4. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 2000–10

Characteristic and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Temporary visa holder, all fields	9,668	9,817	9,757	10,602	11,632	12,847	14,205	15,163	15,253	14,714	13,625
Science and engineering	7,664	7,953	7,707	8,393	9,164	10,426	11,587	12,369	12,626	12,211	11,302
Science	5,213	5,164	5,057	5,475	5,852	6,664	7,289	7,768	8,136	7,998	7,451
Agricultural sciences	443	402	436	427	419	415	400	433	433	436	343
Biological sciences	1,387	1,243	1,297	1,398	1,472	1,682	1,856	2,035	2,300	2,188	2,083
Computer sciences	364	358	349	380	460	597	798	899	1,005	787	766
Earth, atmospheric, and ocean sciences	182	219	224	201	224	234	243	285	293	295	251
Mathematics	443	435	440	440	528	603	666	696	651	713	683
Physical sciences	1,149	1,205	1,107	1,214	1,346	1,556	1,732	1,780	1,731	1,730	1,651
Astronomy	42	52	31	34	47	63	64	80	64	80	67
Chemistry	649	672	597	688	722	803	956	952	878	888	848
Physics	458	481	479	492	577	690	712	748	789	762	736
Psychology	164	153	158	196	189	209	250	234	249	258	269
Social sciences	1,081	1,149	1,046	1,219	1,214	1,368	1,344	1,406	1,474	1,591	1,405
Engineering	2,451	2,789	2,650	2,918	3,312	3,762	4,298	4,601	4,490	4,213	3,851
Aerospace, aeronautical, and astronautical engineering	74	87	106	112	116	115	119	119	127	126	99
Chemical engineering	252	273	268	274	306	408	400	453	439	383	357
Civil engineering	254	265	305	334	350	402	417	437	468	418	377
Electrical, electronics, and communications engineering	656	778	694	779	872	984	1,222	1,300	1,218	1,049	1,036
Industrial and manufacturing engineering	94	110	134	138	135	128	144	172	175	174	141
Materials science engineering	161	221	176	243	258	290	336	361	338	350	326
Mechanical engineering	402	457	415	404	456	544	649	672	651	645	519
Other engineering	558	598	552	634	819	891	1,011	1,087	1,074	1,068	996
Non-science and engineering	2,004	1,864	2,050	2,209	2,468	2,421	2,618	2,794	2,627	2,503	2,323
Education	539	504	479	588	627	536	611	601	566	567	480
Health	306	317	325	330	366	389	404	476	458	398	414
Humanities	630	556	656	660	717	775	760	765	670	696	628
Professional/other/unknown	529	487	590	631	758	721	843	952	933	842	801
Male temporary visa holder, all fields	6,856	7,015	6,774	7,259	7,915	8,758	9,403	10,020	9,980	9,549	8,769
Science and engineering	5,798	5,989	5,736	6,149	6,709	7,570	8,141	8,681	8,725	8,364	7,657
Science	3,650	3,606	3,474	3,680	3,888	4,447	4,636	4,971	5,085	4,909	4,612
Agricultural sciences	326	275	318	284	266	285	235	269	255	268	207
Biological sciences	833	744	780	805	828	879	948	1,082	1,134	1,106	1,051
Computer sciences	315	311	287	312	378	490	634	717	801	615	608
Earth, atmospheric, and ocean sciences	135	172	181	148	164	166	166	201	208	194	149
Mathematics	359	326	318	335	384	443	455	491	459	481	485
Physical sciences	900	935	823	927	1,015	1,191	1,269	1,286	1,287	1,251	1,202
Astronomy	37	44	27	24	34	50	46	56	51	57	44
Chemistry	476	475	397	486	487	556	632	622	596	568	559
Physics	387	416	399	417	494	585	591	608	640	626	599
Psychology	68	68	62	74	71	81	87	69	87	85	76
Social sciences	714	775	705	795	782	912	842	856	854	909	834
Engineering	2,148	2,383	2,262	2,469	2,821	3,123	3,505	3,710	3,640	3,455	3,045
Aerospace, aeronautical, and astronautical engineering	70	80	96	96	104	97	109	107	116	110	85
Chemical engineering	216	207	206	204	241	316	296	343	340	285	255
Civil engineering	222	231	264	294	311	338	359	332	383	343	295
Electrical, electronics, and communications engineering	586	682	620	688	755	859	1,040	1,098	1,016	897	850
Industrial and manufacturing engineering	79	95	107	106	114	111	111	132	136	137	110
Materials science engineering	139	178	147	190	211	228	252	274	258	279	249
Mechanical engineering	369	411	374	366	414	473	574	591	575	570	461
Other engineering	467	499	448	525	671	701	764	833	816	834	740
Non-science and engineering	1,058	1,026	1,038	1,110	1,206	1,188	1,262	1,339	1,255	1,185	1,112
Education	244	216	197	238	259	216	221	212	204	193	178
Health	143	169	142	166	167	163	184	226	218	177	192
Humanities	296	299	311	306	314	383	359	356	292	325	298
Professional/other/unknown	375	342	388	400	466	426	498	545	541	490	444

TABLE 4. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 2000–10

Characteristic and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Female temporary visa holder, all fields	2,811	2,801	2,978	3,343	3,717	4,085	4,802	5,142	5,273	5,160	4,856
Science and engineering	1,865	1,964	1,968	2,244	2,455	2,853	3,446	3,687	3,901	3,842	3,645
Science	1,563	1,558	1,581	1,795	1,964	2,215	2,653	2,796	3,051	3,085	2,839
Agricultural sciences	117	127	118	143	153	130	165	164	178	168	136
Biological sciences	554	499	517	593	644	802	908	953	1,166	1,081	1,032
Computer sciences	49	47	62	68	82	106	164	182	204	172	158
Earth, atmospheric, and ocean sciences	47	47	43	53	60	68	77	84	85	101	102
Mathematics	84	109	121	105	144	160	211	204	192	232	198
Physical sciences	249	270	283	287	331	365	463	494	444	477	449
Astronomy	5	8	4	10	13	13	18	24	13	23	23
Chemistry	173	197	200	202	235	247	324	330	282	318	289
Physics	71	65	79	75	83	105	121	140	149	136	137
Psychology	96	85	96	122	118	128	163	165	162	173	193
Social sciences	367	374	341	424	432	456	502	550	620	681	571
Engineering	302	406	387	449	491	638	793	891	850	757	806
Aerospace, aeronautical, and astronautical engineering	4	7	10	16	12	18	10	12	11	16	14
Chemical engineering	36	66	62	70	65	92	104	110	99	98	102
Civil engineering	32	34	41	40	39	64	58	105	85	75	82
Electrical, electronics, and communications engineering	69	96	73	91	117	124	182	202	202	152	186
Industrial and manufacturing engineering	15	15	27	32	21	17	33	40	39	37	31
Materials science engineering	22	43	29	53	47	62	84	87	80	71	77
Mechanical engineering	33	46	41	38	42	71	75	81	76	75	58
Other engineering	91	99	104	109	148	190	247	254	258	233	256
Non-science and engineering	946	837	1,010	1,099	1,262	1,232	1,356	1,455	1,372	1,318	1,211
Education	295	287	281	350	368	320	390	389	362	374	302
Health	163	148	183	164	199	226	220	250	240	221	222
Humanities	334	257	344	354	403	391	401	409	378	371	330
Professional/other/unknown	154	145	202	231	292	295	345	407	392	352	357
Citizenship unknown, all fields	1,742	2,022	2,528	1,985	2,446	2,579	2,369	3,457	2,683	2,521	2,871
Science and engineering	1,165	1,201	1,339	1,121	1,333	1,513	1,415	2,140	1,680	1,540	1,856
Science	869	937	1,078	937	1,059	1,137	1,029	1,539	1,264	1,272	1,458
Agricultural sciences	35	67	81	68	58	65	44	78	53	61	61
Biological sciences	195	196	272	231	263	287	288	369	356	311	392
Computer sciences	35	43	36	40	40	64	66	116	85	88	113
Earth, atmospheric, and ocean sciences	37	29	33	30	24	36	40	38	36	23	41
Mathematics	32	46	36	36	37	59	40	89	76	68	67
Physical sciences	156	123	154	119	129	188	189	284	212	199	221
Astronomy	4	9	4	3	3	2	8	8	10	8	9
Chemistry	98	75	96	84	79	111	131	176	137	113	134
Physics	54	39	54	32	47	75	50	100	65	78	78
Psychology	219	250	239	211	340	217	180	259	218	307	285
Social sciences	160	183	227	202	168	221	182	306	228	215	278
Engineering	296	264	261	184	274	376	386	601	416	268	398
Aerospace, aeronautical, and astronautical engineering	13	14	10	8	8	6	28	30	17	11	12
Chemical engineering	25	31	32	12	37	60	40	54	38	14	32
Civil engineering	10	16	29	15	19	28	43	45	38	29	36
Electrical, electronics, and communications engineering	104	81	61	43	84	83	86	175	112	68	115
Industrial and manufacturing engineering	5	7	15	5	5	18	21	34	15	8	11
Materials science engineering	22	21	22	14	19	26	31	35	32	21	31
Mechanical engineering	32	29	34	30	25	47	42	65	60	28	64
Other engineering	85	65	58	57	77	108	95	163	104	89	97
Non-science and engineering	577	821	1,189	864	1,113	1,066	954	1,317	1,003	981	1,015
Education	217	389	612	413	556	436	340	488	411	378	341
Health	87	88	132	79	86	103	129	175	141	134	128
Humanities	190	227	265	221	238	313	297	389	260	269	305
Professional/other/unknown	83	117	180	151	233	214	188	265	191	200	241

TABLE 4. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 2000–10

Characteristic and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Male, citizenship unknown, all fields	1,000	1,078	1,254	1,073	1,282	1,385	1,343	1,940	1,518	1,281	1,519
Science and engineering	724	722	814	690	799	939	903	1,385	1,063	875	1,101
Science	497	512	627	528	582	644	600	896	739	668	782
Agricultural sciences	28	44	56	39	39	40	25	43	28	35	35
Biological sciences	109	113	164	140	161	147	164	208	213	159	204
Computer sciences	28	31	26	30	25	49	51	96	65	64	96
Earth, atmospheric, and ocean sciences	30	16	27	24	21	25	28	25	21	15	25
Mathematics	21	34	25	29	30	43	29	70	54	46	48
Physical sciences	113	84	117	78	96	141	134	210	151	140	142
Astronomy	4	6	2	3	3	0	8	6	9	5	7
Chemistry	65	49	69	49	60	80	85	118	90	75	72
Physics	44	29	46	26	33	61	41	86	52	60	63
Psychology	82	79	83	72	111	76	58	76	81	89	87
Social sciences	86	111	129	116	99	123	111	168	126	120	145
Engineering	227	210	187	162	217	295	303	489	324	207	319
Aerospace, aeronautical, and astronautical engineering	8	11	7	8	6	6	24	28	13	7	11
Chemical engineering	20	20	21	11	25	44	29	45	29	12	24
Civil engineering	8	14	21	14	15	24	32	32	36	24	25
Electrical, electronics, and communications engineering	81	71	47	39	67	70	75	151	87	55	92
Industrial and manufacturing engineering	2	4	6	4	3	8	16	25	10	5	9
Materials science engineering	18	19	17	12	16	23	19	27	26	17	24
Mechanical engineering	27	23	28	27	23	45	35	60	51	24	58
Other engineering	63	48	40	47	62	75	73	121	72	63	76
Non-science and engineering	276	356	440	383	483	446	440	555	455	406	418
Education	90	137	190	155	203	158	128	160	155	124	98
Health	37	40	47	26	28	38	56	74	63	48	48
Humanities	103	123	118	113	109	141	153	191	124	134	149
Professional/other/unknown	46	56	85	89	143	109	103	130	113	100	123
Female, citizenship unknown, all fields	675	870	1,200	912	1,162	1,134	985	1,493	1,156	1,212	1,336
Science and engineering	390	436	485	431	533	538	493	745	610	643	746
Science	346	392	422	409	476	473	415	636	521	586	670
Agricultural sciences	5	16	20	29	19	22	19	32	25	24	25
Biological sciences	80	74	106	91	102	134	120	160	141	147	185
Computer sciences	5	10	7	10	15	13	15	20	20	23	17
Earth, atmospheric, and ocean sciences	4	12	6	6	3	11	11	13	14	8	16
Mathematics	11	12	10	7	7	14	11	19	21	20	19
Physical sciences	38	34	34	41	32	45	51	74	61	52	78
Astronomy	0	3	2	0	0	2	0	2	1	3	2
Chemistry	29	22	26	35	18	31	43	58	47	34	62
Physics	9	9	6	6	14	12	8	14	13	15	14
Psychology	135	168	152	139	229	140	120	183	137	218	198
Social sciences	68	66	87	86	69	94	68	135	102	94	132
Engineering	44	44	63	22	57	65	78	109	89	57	76
Aerospace, aeronautical, and astronautical engineering	3	2	3	0	2	0	3	2	4	3	1
Chemical engineering	3	9	11	1	12	15	11	9	9	2	8
Civil engineering	2	1	7	1	4	3	11	13	2	5	10
Electrical, electronics, and communications engineering	14	9	9	4	17	11	10	23	24	13	22
Industrial and manufacturing engineering	2	2	9	1	2	7	5	9	5	3	1
Materials science engineering	3	2	5	2	3	2	11	8	6	4	7
Mechanical engineering	4	4	4	3	2	2	7	5	9	3	6
Other engineering	13	15	15	10	15	25	20	40	30	24	21
Non-science and engineering	285	434	715	481	629	596	492	748	546	569	590
Education	125	248	410	258	352	268	205	327	256	253	241

TABLE 4. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 2000–10

Characteristic and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Health	47	39	83	53	58	62	70	97	77	84	80
Humanities	84	96	138	108	129	167	139	196	136	134	155
Professional/other/unknown	29	51	84	62	90	99	78	128	77	98	114

NOTES: Persons whose sex is unknown are included in totals but are not shown separately. Categories are grouped according to National Science Foundation taxonomy, which is different from the classification listed in questionnaire and summary reports. That is, the following categories are included in social sciences and not in humanities: American/U.S. studies; history, science and technology, and society; and archaeology. In addition, public administration is included in social sciences and not in professional fields, agricultural economics is included in social sciences and not in biological sciences, and agricultural business and management is included in business management/administration and not in agricultural sciences.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Earned Doctorates.