

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
All fields	41,750	42,439	42,541	42,647	41,092	41,365	40,824	39,989	40,770	42,155
Science and engineering	26,536	27,241	27,232	27,278	25,933	25,966	25,548	24,588	25,289	26,275
Science	20,528	20,932	21,117	21,354	20,603	20,645	20,043	19,512	20,011	20,499
Agricultural sciences	1,117	1,118	1,078	1,110	1,065	1,038	975	1,009	1,061	1,046
Biological sciences	5,376	5,724	5,789	5,845	5,582	5,854	5,691	5,690	5,697	5,937
Computer sciences	997	920	909	927	856	859	826	807	865	949
Earth, atmospheric, and ocean sciences	699	711	782	741	706	663	630	673	646	672
Mathematics	1,190	1,122	1,123	1,177	1,083	1,050	1,007	918	994	1,075
Physical sciences	3,841	3,839	3,769	3,824	3,579	3,407	3,394	3,212	3,325	3,353
Astronomy	173	192	198	206	159	185	186	144	168	165
Chemistry	2,162	2,149	2,148	2,216	2,132	1,989	1,981	1,923	2,041	1,987
Physics	1,479	1,485	1,401	1,378	1,271	1,204	1,197	1,127	1,080	1,186
Other physical sciences	27	13	22	24	17	29	30	18	36	15
Psychology	3,429	3,495	3,557	3,675	3,668	3,618	3,442	3,199	3,281	3,336
Social sciences	3,879	4,003	4,110	4,055	4,064	4,156	4,078	4,004	4,142	4,131
Engineering	6,008	6,309	6,115	5,924	5,330	5,321	5,505	5,076	5,278	5,776
Aeronautical/astronautical engineering	252	287	273	241	206	214	203	209	200	201
Chemical engineering	708	798	767	776	674	725	729	705	648	723
Civil engineering	656	698	655	650	584	556	594	626	674	675
Electrical engineering	1,731	1,741	1,720	1,596	1,478	1,544	1,576	1,395	1,466	1,649
Industrial engineering	284	259	246	229	211	176	206	230	213	217
Materials/metallurgical engineering	588	574	582	565	469	451	497	396	474	509
Mechanical engineering	1,025	1,052	1,022	1,022	855	864	953	827	814	853
Other engineering	764	900	850	845	853	791	747	688	789	949
Non-science and engineering	15,214	15,198	15,309	15,369	15,159	15,399	15,276	15,401	15,481	15,880
Education	6,650	6,785	6,574	6,571	6,546	6,430	6,337	6,487	6,632	6,635
Health	1,329	1,324	1,421	1,500	1,407	1,592	1,622	1,653	1,636	1,730
Humanities	4,691	4,712	5,034	5,116	5,034	5,213	5,161	5,010	5,015	5,017
Professional/other/unknown	2,544	2,377	2,280	2,182	2,172	2,164	2,156	2,251	2,198	2,498
Male, all fields	25,161	25,286	24,943	24,633	23,434	23,166	22,793	21,771	22,201	22,976
Science and engineering	18,117	18,454	18,083	17,810	16,735	16,521	16,174	15,374	15,728	16,405
Science	12,847	12,966	12,767	12,699	12,231	12,062	11,607	11,203	11,375	11,655
Agricultural sciences	857	813	783	781	749	719	629	683	685	644
Biological sciences	3,132	3,287	3,262	3,294	3,171	3,226	3,133	3,143	3,085	3,181
Computer sciences	808	775	743	765	692	716	669	638	690	749
Earth, atmospheric, and ocean sciences	555	555	595	549	524	473	440	471	443	444
Mathematics	919	881	851	872	803	790	731	650	729	770
Physical sciences	2,944	2,970	2,893	2,879	2,733	2,567	2,551	2,346	2,420	2,476
Astronomy	143	151	161	161	126	145	145	116	127	119
Chemistry	1,488	1,526	1,523	1,509	1,493	1,361	1,349	1,275	1,386	1,352
Physics	1,291	1,283	1,196	1,195	1,103	1,040	1,036	946	882	1,001
Other physical sciences	22	10	13	14	11	21	21	9	25	4
Psychology	1,245	1,162	1,162	1,206	1,209	1,204	1,132	1,061	1,042	1,086
Social sciences	2,387	2,523	2,478	2,353	2,350	2,367	2,322	2,211	2,281	2,305
Engineering	5,270	5,488	5,316	5,111	4,504	4,459	4,567	4,171	4,353	4,750
Aeronautical/astronautical engineering	237	262	254	225	188	191	174	184	172	177
Chemical engineering	597	653	641	630	550	571	547	527	492	549
Civil engineering	575	616	571	544	495	466	482	504	545	541
Electrical engineering	1,545	1,556	1,560	1,429	1,310	1,339	1,372	1,224	1,279	1,421
Industrial engineering	231	208	205	188	169	140	160	162	156	174
Materials/metallurgical engineering	489	483	470	477	376	367	392	315	373	419
Mechanical engineering	954	963	928	922	751	767	860	729	726	758
Other engineering	642	747	687	696	665	618	580	526	610	711
Non-science and engineering	7,044	6,832	6,860	6,823	6,699	6,645	6,619	6,397	6,473	6,571
Education	2,547	2,579	2,394	2,424	2,334	2,254	2,237	2,186	2,240	2,266
Health	477	456	469	489	499	523	576	529	540	544

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Humanities	2,429	2,352	2,618	2,638	2,590	2,616	2,575	2,497	2,500	2,423
Professional/other/unknown	1,591	1,445	1,379	1,272	1,276	1,252	1,231	1,185	1,193	1,338
Female, all fields	16,418	16,956	17,241	17,849	17,480	18,125	17,951	18,124	18,410	19,098
Science and engineering	8,287	8,649	8,934	9,349	9,082	9,393	9,331	9,159	9,477	9,819
Science	7,591	7,872	8,184	8,575	8,294	8,556	8,402	8,271	8,581	8,805
Agricultural sciences	256	304	287	328	311	317	339	318	370	398
Biological sciences	2,217	2,415	2,495	2,536	2,394	2,622	2,549	2,545	2,599	2,747
Computer sciences	186	139	150	159	157	141	155	166	175	195
Earth, atmospheric, and ocean sciences	142	149	182	189	179	187	189	202	202	228
Mathematics	265	231	263	297	277	259	276	265	263	305
Physical sciences	878	842	852	926	831	835	838	861	894	870
Astronomy	30	41	37	45	33	40	41	28	41	46
Chemistry	661	605	613	695	632	624	628	647	649	629
Physics	182	193	193	177	160	163	160	177	193	184
Other physical sciences	5	3	9	9	6	8	9	9	11	11
Psychology	2,181	2,330	2,363	2,456	2,449	2,411	2,306	2,133	2,230	2,245
Social sciences	1,466	1,462	1,592	1,684	1,696	1,784	1,750	1,781	1,848	1,817
Engineering	696	777	750	774	788	837	929	888	896	1,014
Aeronautical/astronautical engineering	14	24	16	15	17	21	28	24	27	24
Chemical engineering	109	143	122	140	123	151	180	176	154	173
Civil engineering	76	79	80	100	89	88	111	120	125	132
Electrical engineering	173	169	150	156	155	195	203	163	179	222
Industrial engineering	50	51	40	40	42	35	45	67	53	42
Materials/metallurgical engineering	95	84	106	84	88	83	105	80	101	90
Mechanical engineering	64	78	88	93	96	96	91	96	84	95
Other engineering	115	149	148	146	178	168	166	162	173	236
Non-science and engineering	8,131	8,307	8,307	8,500	8,398	8,732	8,620	8,965	8,933	9,279
Education	4,093	4,187	4,120	4,130	4,195	4,173	4,095	4,290	4,364	4,361
Health	843	860	936	1,006	899	1,066	1,033	1,123	1,087	1,180
Humanities	2,256	2,343	2,381	2,469	2,418	2,593	2,578	2,506	2,505	2,588
Professional/other/unknown	939	917	870	895	886	900	914	1,046	977	1,150
U.S. citizen or permanent resident, all fields	32,060	31,540	31,082	31,159	30,294	29,929	28,878	27,661	28,119	27,959
Science and engineering	18,997	18,647	18,393	18,257	17,567	17,114	16,346	15,512	15,715	15,721
Science	15,655	15,258	15,061	15,213	14,678	14,543	13,900	13,348	13,545	13,539
Agricultural sciences	666	628	619	591	561	559	504	491	561	563
Biological sciences	4,329	4,364	4,256	4,308	4,124	4,268	4,243	4,112	4,056	4,187
Computer sciences	616	514	520	561	493	457	423	419	443	448
Earth, atmospheric, and ocean sciences	526	505	538	514	459	453	395	424	429	426
Mathematics	771	648	629	669	605	574	524	442	517	510
Physical sciences	2,841	2,571	2,497	2,455	2,277	2,092	2,045	1,940	1,970	1,866
Astronomy	141	149	158	147	117	139	123	109	131	115
Chemistry	1,624	1,463	1,439	1,467	1,406	1,241	1,230	1,230	1,265	1,180
Physics	1,059	949	883	823	742	692	677	589	552	559
Other physical sciences	17	10	17	18	12	20	15	12	22	12
Psychology	3,184	3,233	3,125	3,275	3,292	3,231	3,033	2,795	2,857	2,789
Social sciences	2,722	2,795	2,877	2,840	2,867	2,909	2,733	2,725	2,712	2,750
Engineering	3,342	3,389	3,332	3,044	2,889	2,571	2,446	2,164	2,170	2,182
Aeronautical/astronautical engineering	153	184	168	152	112	127	102	91	80	77
Chemical engineering	381	391	409	374	371	382	361	336	292	312
Civil engineering	309	305	327	297	312	261	269	247	269	224
Electrical engineering	971	929	940	804	766	648	560	507	498	498
Industrial engineering	149	136	119	101	99	77	89	81	70	77
Materials/metallurgical engineering	352	337	315	313	260	244	225	175	200	210
Mechanical engineering	563	588	538	515	464	396	428	342	332	299
Other engineering	464	519	516	488	505	436	412	385	429	485

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Non-science and engineering	13,063	12,893	12,689	12,902	12,727	12,815	12,532	12,149	12,404	12,238
Education	5,995	6,075	5,747	5,745	5,814	5,681	5,450	5,398	5,643	5,417
Health	1,043	1,016	1,028	1,154	1,049	1,195	1,158	1,194	1,229	1,271
Humanities	4,056	4,047	4,235	4,327	4,292	4,391	4,379	4,115	4,134	4,051
Professional/other/unknown	1,969	1,755	1,679	1,676	1,572	1,548	1,545	1,442	1,398	1,499
Male U.S. citizen or permanent resident, all fields	17,872	17,203	16,881	16,537	15,893	15,290	14,642	13,725	13,892	13,734
Science and engineering	12,081	11,682	11,391	11,067	10,495	9,980	9,433	8,810	8,890	8,875
Science	9,259	8,819	8,572	8,481	8,097	7,900	7,466	7,088	7,160	7,163
Agricultural sciences	506	443	443	387	376	364	310	309	361	337
Biological sciences	2,469	2,423	2,333	2,385	2,260	2,281	2,272	2,194	2,138	2,188
Computer sciences	473	423	419	437	387	371	325	322	346	345
Earth, atmospheric, and ocean sciences	407	386	393	364	330	314	260	266	284	260
Mathematics	588	503	452	470	413	409	370	308	365	356
Physical sciences	2,132	1,961	1,909	1,849	1,724	1,546	1,518	1,399	1,401	1,356
Astronomy	116	114	132	120	91	104	94	87	100	82
Chemistry	1,087	1,024	1,007	1,003	980	819	822	809	848	798
Physics	915	815	759	715	647	609	590	497	439	473
Other physical sciences	14	8	11	11	6	14	12	6	14	3
Psychology	1,127	1,048	1,014	1,058	1,063	1,052	983	916	894	895
Social sciences	1,557	1,632	1,609	1,531	1,544	1,563	1,428	1,374	1,371	1,426
Engineering	2,822	2,863	2,819	2,586	2,398	2,080	1,967	1,722	1,730	1,712
Aeronautical/astronautical engineering	141	166	156	140	102	113	83	80	69	67
Chemical engineering	293	293	332	297	296	282	268	248	220	232
Civil engineering	257	258	269	239	251	213	203	190	200	159
Electrical engineering	851	823	834	712	685	555	493	441	433	430
Industrial engineering	115	100	91	77	68	59	61	49	48	57
Materials/metallurgical engineering	273	273	244	262	206	190	171	129	155	173
Mechanical engineering	514	528	482	461	404	340	390	298	292	255
Other engineering	378	422	411	398	386	328	298	287	313	339
Non-science and engineering	5,791	5,521	5,490	5,470	5,398	5,310	5,209	4,915	5,002	4,859
Education	2,243	2,243	2,051	2,049	2,013	1,925	1,889	1,796	1,858	1,792
Health	324	293	287	310	329	341	340	340	354	346
Humanities	2,076	2,001	2,197	2,217	2,209	2,215	2,153	2,073	2,082	1,992
Professional/other/unknown	1,148	984	955	894	847	829	827	706	708	729
Female U.S. citizen or permanent resident, all fields	14,185	14,337	14,168	14,592	14,401	14,634	14,236	13,935	14,223	14,221
Science and engineering	6,914	6,965	6,988	7,172	7,072	7,132	6,913	6,701	6,823	6,842
Science	6,394	6,439	6,476	6,720	6,581	6,641	6,434	6,259	6,383	6,372
Agricultural sciences	160	185	175	204	185	195	194	181	200	226
Biological sciences	1,859	1,941	1,920	1,921	1,864	1,987	1,971	1,918	1,916	1,997
Computer sciences	143	91	100	123	106	86	98	97	97	102
Earth, atmospheric, and ocean sciences	119	119	144	150	129	139	135	158	145	166
Mathematics	183	145	177	198	192	164	154	134	152	154
Physical sciences	708	610	587	604	553	546	527	541	569	510
Astronomy	25	35	26	27	26	35	29	22	31	33
Chemistry	537	439	431	463	426	422	408	421	417	382
Physics	143	134	124	107	95	83	87	92	113	86
Other physical sciences	3	2	6	7	6	6	3	6	8	9
Psychology	2,057	2,185	2,106	2,212	2,229	2,178	2,050	1,879	1,963	1,893
Social sciences	1,165	1,163	1,267	1,308	1,323	1,346	1,305	1,351	1,341	1,324
Engineering	520	526	512	452	491	491	479	442	440	470
Aeronautical/astronautical engineering	12	18	12	12	10	14	19	11	11	10
Chemical engineering	88	98	77	76	75	100	93	88	72	80
Civil engineering	52	47	58	58	61	48	66	57	69	65
Electrical engineering	120	106	106	91	81	93	67	66	65	68
Industrial engineering	34	36	28	24	31	18	28	32	22	20
Materials/metallurgical engineering	79	64	71	51	54	54	54	46	45	37

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Mechanical engineering	49	60	55	50	60	56	38	44	40	44
Other engineering	86	97	105	90	119	108	114	98	116	146
Non-science and engineering	7,271	7,372	7,180	7,420	7,329	7,502	7,323	7,234	7,400	7,379
Education	3,752	3,832	3,687	3,690	3,801	3,755	3,561	3,602	3,783	3,625
Health	719	723	740	844	720	854	818	854	875	925
Humanities	1,980	2,046	2,033	2,106	2,083	2,175	2,226	2,042	2,052	2,059
Professional/other/unknown	820	771	720	780	725	718	718	736	690	770
U.S. citizen, all fields	27,743	27,775	28,151	28,457	27,986	27,979	27,040	26,011	26,485	26,431
Science and engineering	15,488	15,638	16,112	16,238	15,914	15,705	15,068	14,345	14,615	14,722
Science	13,102	13,042	13,373	13,673	13,428	13,484	12,921	12,453	12,711	12,781
Agricultural sciences	554	517	531	505	506	498	467	459	520	527
Biological sciences	3,494	3,546	3,670	3,756	3,660	3,904	3,899	3,797	3,791	3,955
Computer sciences	484	422	430	476	421	388	367	355	387	398
Earth, atmospheric, and ocean sciences	416	417	473	459	412	424	367	389	398	405
Mathematics	554	490	530	576	539	518	469	411	471	455
Physical sciences	2,137	2,078	2,131	2,141	2,035	1,890	1,861	1,779	1,818	1,748
Astronomy	120	137	151	132	111	127	119	104	126	113
Chemistry	1,238	1,170	1,234	1,288	1,256	1,119	1,127	1,137	1,171	1,110
Physics	764	762	731	705	657	625	602	527	500	515
Other physical sciences	15	9	15	16	11	19	13	11	21	10
Psychology	3,083	3,129	3,036	3,182	3,222	3,156	2,958	2,724	2,787	2,725
Social sciences	2,380	2,443	2,572	2,578	2,633	2,706	2,533	2,539	2,539	2,568
Engineering	2,386	2,596	2,739	2,565	2,486	2,221	2,147	1,892	1,904	1,941
Aeronautical/astronautical engineering	140	166	155	139	103	117	94	81	70	71
Chemical engineering	291	318	321	328	333	339	332	302	272	290
Civil engineering	206	212	249	246	261	221	222	210	239	190
Electrical engineering	683	708	753	638	639	532	465	424	406	419
Industrial engineering	108	107	102	84	86	67	74	71	54	63
Materials/metallurgical engineering	238	245	271	265	225	221	202	164	176	192
Mechanical engineering	383	436	456	433	399	341	386	285	287	271
Other engineering	337	404	432	432	440	383	372	355	400	445
Non-science and engineering	12,255	12,137	12,039	12,219	12,072	12,274	11,972	11,666	11,870	11,709
Education	5,777	5,879	5,582	5,573	5,636	5,555	5,334	5,286	5,513	5,305
Health	938	933	959	1,072	972	1,120	1,089	1,126	1,170	1,198
Humanities	3,748	3,728	3,946	4,023	4,008	4,159	4,113	3,914	3,896	3,808
Professional/other/unknown	1,792	1,597	1,552	1,551	1,456	1,440	1,436	1,340	1,291	1,398
Male U.S. citizen, all fields	14,965	14,720	15,047	14,872	14,514	14,155	13,642	12,855	13,077	12,986
Science and engineering	9,596	9,581	9,884	9,736	9,443	9,081	8,689	8,148	8,299	8,323
Science	7,584	7,403	7,560	7,547	7,383	7,280	6,953	6,622	6,768	6,794
Agricultural sciences	419	363	377	334	338	324	291	290	345	321
Biological sciences	2,006	1,961	2,031	2,075	2,011	2,097	2,115	2,063	2,025	2,084
Computer sciences	368	345	347	373	330	315	283	277	309	309
Earth, atmospheric, and ocean sciences	327	313	345	328	298	295	242	243	263	249
Mathematics	422	385	387	405	374	373	332	289	340	323
Physical sciences	1,617	1,611	1,658	1,629	1,564	1,408	1,394	1,288	1,316	1,289
Astronomy	99	106	126	109	87	95	92	82	97	81
Chemistry	829	837	882	895	894	744	762	752	804	765
Physics	676	661	639	616	578	556	529	449	402	440
Other physical sciences	13	7	11	9	5	13	11	5	13	3
Psychology	1,092	1,022	987	1,026	1,042	1,022	960	890	872	877
Social sciences	1,333	1,403	1,428	1,377	1,426	1,446	1,336	1,282	1,298	1,342
Engineering	2,012	2,178	2,324	2,189	2,060	1,801	1,736	1,526	1,531	1,529
Aeronautical/astronautical engineering	128	150	143	127	93	103	77	71	61	61
Chemical engineering	221	235	260	263	268	248	250	229	204	219
Civil engineering	170	175	204	196	207	179	163	161	176	135
Electrical engineering	604	625	679	572	577	463	422	379	360	366

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Industrial engineering	82	76	77	62	58	50	51	43	37	45
Materials/metallurgical engineering	185	198	213	228	176	174	155	122	141	160
Mechanical engineering	355	391	409	392	347	294	352	251	256	229
Other engineering	267	328	339	349	334	290	266	270	296	314
Non-science and engineering	5,369	5,139	5,163	5,136	5,071	5,074	4,953	4,707	4,778	4,663
Education	2,149	2,154	1,976	1,979	1,946	1,882	1,836	1,759	1,812	1,757
Health	263	248	254	273	285	309	312	315	329	325
Humanities	1,938	1,855	2,065	2,072	2,065	2,116	2,050	1,984	1,985	1,899
Professional/other/unknown	1,019	882	868	812	775	767	755	649	652	682
Female U.S. citizen, all fields	12,776	13,055	13,072	13,571	13,472	13,821	13,398	13,155	13,405	13,442
Science and engineering	5,890	6,057	6,215	6,495	6,471	6,623	6,379	6,196	6,315	6,396
Science	5,516	5,639	5,801	6,120	6,045	6,203	5,968	5,830	5,942	5,984
Agricultural sciences	135	154	153	171	168	174	176	168	175	206
Biological sciences	1,487	1,585	1,637	1,681	1,649	1,807	1,784	1,734	1,765	1,869
Computer sciences	116	77	82	103	91	73	84	78	78	89
Earth, atmospheric, and ocean sciences	89	104	127	131	114	129	125	146	135	156
Mathematics	132	105	143	171	165	145	137	122	131	132
Physical sciences	519	467	472	512	471	482	467	491	502	459
Astronomy	21	31	25	23	24	32	27	22	29	32
Chemistry	409	333	351	393	362	375	365	385	367	345
Physics	87	101	92	89	79	69	73	78	98	75
Other physical sciences	2	2	4	7	6	6	2	6	8	7
Psychology	1,991	2,107	2,044	2,151	2,180	2,133	1,998	1,834	1,915	1,847
Social sciences	1,047	1,040	1,143	1,200	1,207	1,260	1,197	1,257	1,241	1,226
Engineering	374	418	414	375	426	420	411	366	373	412
Aeronautical/astronautical engineering	12	16	12	12	10	14	17	10	9	10
Chemical engineering	70	83	61	64	65	91	82	73	68	71
Civil engineering	36	37	45	50	54	42	59	49	63	55
Electrical engineering	79	83	74	66	62	69	43	45	46	53
Industrial engineering	26	31	25	22	28	17	23	28	17	18
Materials/metallurgical engineering	53	47	58	37	49	47	47	42	35	32
Mechanical engineering	28	45	46	41	52	47	34	34	31	42
Other engineering	70	76	93	83	106	93	106	85	104	131
Non-science and engineering	6,886	6,998	6,857	7,076	7,001	7,198	7,019	6,959	7,090	7,046
Education	3,628	3,725	3,597	3,590	3,690	3,672	3,498	3,527	3,699	3,548
Health	675	685	704	799	687	811	777	811	841	873
Humanities	1,810	1,873	1,876	1,950	1,943	2,043	2,063	1,930	1,911	1,909
Professional/other/unknown	773	715	680	737	681	672	681	691	639	716
Non-U.S. citizen with permanent visa, all fields	4,317	3,765	2,931	2,702	2,308	1,950	1,838	1,650	1,634	1,528
Science and engineering	3,509	3,009	2,281	2,019	1,653	1,409	1,278	1,167	1,100	999
Science	2,553	2,216	1,688	1,540	1,250	1,059	979	895	834	758
Agricultural sciences	112	111	88	86	55	61	37	32	41	36
Biological sciences	835	818	586	552	464	364	344	315	265	232
Computer sciences	132	92	90	85	72	69	56	64	56	50
Earth, atmospheric, and ocean sciences	110	88	65	55	47	29	28	35	31	21
Mathematics	217	158	99	93	66	56	55	31	46	55
Physical sciences	704	493	366	314	242	202	184	161	152	118
Astronomy	21	12	7	15	6	12	4	5	5	2
Chemistry	386	293	205	179	150	122	103	93	94	70
Physics	295	187	152	118	85	67	75	62	52	44
Other physical sciences	2	1	2	2	1	1	2	1	1	2
Psychology	101	104	89	93	70	75	75	71	70	64
Social sciences	342	352	305	262	234	203	200	186	173	182
Engineering	956	793	593	479	403	350	299	272	266	241
Aeronautical/astronautical engineering	13	18	13	13	9	10	8	10	10	6
Chemical engineering	90	73	88	46	38	43	29	34	20	22

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Civil engineering	103	93	78	51	51	40	47	37	30	34
Electrical engineering	288	221	187	166	127	116	95	83	92	79
Industrial engineering	41	29	17	17	13	10	15	10	16	14
Materials/metallurgical engineering	114	92	44	48	35	23	23	11	24	18
Mechanical engineering	180	152	82	82	65	55	42	57	45	28
Other engineering	127	115	84	56	65	53	40	30	29	40
Non-science and engineering	808	756	650	683	655	541	560	483	534	529
Education	218	196	165	172	178	126	116	112	130	112
Health	105	83	69	82	77	75	69	68	59	73
Humanities	308	319	289	304	284	232	266	201	238	243
Professional/other/unknown	177	158	127	125	116	108	109	102	107	101
Male non-U.S. citizen with permanent visa, all fields	2,907	2,483	1,834	1,665	1,379	1,135	1,000	870	815	748
Science and engineering	2,485	2,101	1,507	1,331	1,052	899	744	662	591	552
Science	1,675	1,416	1,012	934	714	620	513	466	392	369
Agricultural sciences	87	80	66	53	38	40	19	19	16	16
Biological sciences	463	462	302	310	249	184	157	131	113	104
Computer sciences	105	78	72	64	57	56	42	45	37	36
Earth, atmospheric, and ocean sciences	80	73	48	36	32	19	18	23	21	11
Mathematics	166	118	65	65	39	36	38	19	25	33
Physical sciences	515	350	251	220	160	138	124	111	85	67
Astronomy	17	8	6	11	4	9	2	5	3	1
Chemistry	258	187	125	108	86	75	60	57	44	33
Physics	239	154	120	99	69	53	61	48	37	33
Other physical sciences	1	1	0	2	1	1	1	1	1	0
Psychology	35	26	27	32	21	30	23	26	22	18
Social sciences	224	229	181	154	118	117	92	92	73	84
Engineering	810	685	495	397	338	279	231	196	199	183
Aeronautical/astronautical engineering	13	16	13	13	9	10	6	9	8	6
Chemical engineering	72	58	72	34	28	34	18	19	16	13
Civil engineering	87	83	65	43	44	34	40	29	24	24
Electrical engineering	247	198	155	140	108	92	71	62	73	64
Industrial engineering	33	24	14	15	10	9	10	6	11	12
Materials/metallurgical engineering	88	75	31	34	30	16	16	7	14	13
Mechanical engineering	159	137	73	69	57	46	38	47	36	26
Other engineering	111	94	72	49	52	38	32	17	17	25
Non-science and engineering	422	382	327	334	327	236	256	208	224	196
Education	94	89	75	70	67	43	53	37	46	35
Health	61	45	33	37	44	32	28	25	25	21
Humanities	138	146	132	145	144	99	103	89	97	93
Professional/other/unknown	129	102	87	82	72	62	72	57	56	47
Female non-U.S. citizen with permanent visa, all fields	1,409	1,282	1,096	1,021	929	813	838	780	818	779
Science and engineering	1,024	908	773	677	601	509	534	505	508	446
Science	878	800	675	600	536	438	466	429	441	388
Agricultural sciences	25	31	22	33	17	21	18	13	25	20
Biological sciences	372	356	283	240	215	180	187	184	151	128
Computer sciences	27	14	18	20	15	13	14	19	19	13
Earth, atmospheric, and ocean sciences	30	15	17	19	15	10	10	12	10	10
Mathematics	51	40	34	27	27	19	17	12	21	22
Physical sciences	189	143	115	92	82	64	60	50	67	51
Astronomy	4	4	1	4	2	3	2	0	2	1
Chemistry	128	106	80	70	64	47	43	36	50	37
Physics	56	33	32	18	16	14	14	14	15	11
Other physical sciences	1	0	2	0	0	0	1	0	0	2
Psychology	66	78	62	61	49	45	52	45	48	46
Social sciences	118	123	124	108	116	86	108	94	100	98

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Engineering	146	108	98	77	65	71	68	76	67	58
Aeronautical/astronautical engineering	0	2	0	0	0	0	2	1	2	0
Chemical engineering	18	15	16	12	10	9	11	15	4	9
Civil engineering	16	10	13	8	7	6	7	8	6	10
Electrical engineering	41	23	32	25	19	24	24	21	19	15
Industrial engineering	8	5	3	2	3	1	5	4	5	2
Materials/metallurgical engineering	26	17	13	14	5	7	7	4	10	5
Mechanical engineering	21	15	9	9	8	9	4	10	9	2
Other engineering	16	21	12	7	13	15	8	13	12	15
Non-science and engineering	385	374	323	344	328	304	304	275	310	333
Education	124	107	90	100	111	83	63	75	84	77
Health	44	38	36	45	33	43	41	43	34	52
Humanities	170	173	157	156	140	132	163	112	141	150
Professional/other/unknown	47	56	40	43	44	46	37	45	51	54
Non-U.S. citizen with temporary visa, all fields	8,831	9,650	9,193	9,496	9,057	9,663	9,833	9,727	10,612	11,585
Science and engineering	7,007	7,836	7,509	7,776	7,238	7,660	7,964	7,690	8,407	9,122
Science	4,480	5,102	4,954	5,194	5,046	5,208	5,173	5,042	5,491	5,820
Agricultural sciences	442	470	412	480	486	444	402	433	428	413
Biological sciences	971	1,244	1,322	1,334	1,287	1,385	1,242	1,292	1,404	1,462
Computer sciences	365	377	330	328	330	363	360	349	380	459
Earth, atmospheric, and ocean sciences	160	178	211	198	215	174	210	218	193	221
Mathematics	384	443	441	447	444	443	436	440	441	526
Physical sciences	931	1,141	1,084	1,203	1,127	1,156	1,219	1,113	1,225	1,347
Astronomy	28	42	37	52	37	42	53	31	34	47
Chemistry	493	613	599	658	622	648	675	596	690	720
Physics	400	483	446	488	463	458	482	481	494	577
Other physical sciences	10	3	2	5	5	8	9	5	7	3
Psychology	165	180	137	169	153	164	153	156	197	188
Social sciences	1,062	1,069	1,017	1,035	1,004	1,079	1,151	1,041	1,223	1,204
Engineering	2,527	2,734	2,555	2,582	2,192	2,452	2,791	2,648	2,916	3,302
Aeronautical/astronautical engineering	94	93	97	71	82	74	87	106	111	116
Chemical engineering	318	401	343	373	282	307	336	326	341	365
Civil engineering	337	372	310	316	253	280	300	348	389	421
Electrical engineering	712	750	712	709	637	785	933	824	920	1,054
Industrial engineering	131	117	118	120	108	94	110	134	137	134
Materials/metallurgical engineering	224	222	244	228	194	181	250	196	260	279
Mechanical engineering	439	436	449	454	354	433	494	447	447	524
Other engineering	272	343	282	311	282	298	281	267	311	409
Non-science and engineering	1,824	1,814	1,684	1,720	1,819	2,003	1,869	2,037	2,205	2,463
Education	506	482	411	489	517	539	503	474	588	627
Health	246	268	273	286	286	306	320	323	328	366
Humanities	548	522	530	534	536	630	554	648	659	714
Professional/other/unknown	524	542	470	411	480	528	492	592	630	756
Male non-U.S. citizen with temporary visa, all fields	6,855	7,416	6,974	7,007	6,630	6,854	7,030	6,752	7,265	7,882
Science and engineering	5,748	6,329	5,976	6,006	5,588	5,796	5,999	5,724	6,159	6,677
Science	3,383	3,825	3,636	3,705	3,657	3,647	3,614	3,462	3,689	3,867
Agricultural sciences	349	357	313	366	364	327	275	316	285	261
Biological sciences	631	801	818	795	819	832	744	776	806	822
Computer sciences	322	335	292	305	283	315	313	287	312	377
Earth, atmospheric, and ocean sciences	141	152	179	163	174	129	166	179	142	163
Mathematics	305	360	366	362	366	359	326	318	336	383
Physical sciences	770	931	858	923	879	905	946	826	935	1,014
Astronomy	24	36	27	34	30	37	45	27	24	34
Chemistry	377	464	445	454	442	475	478	396	489	486
Physics	361	429	386	432	402	387	417	401	417	493
Other physical sciences	8	2	0	3	5	6	6	2	5	1

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Psychology	80	86	58	68	70	68	68	61	75	71
Social sciences	785	803	752	723	702	712	776	699	798	776
Engineering	2,365	2,504	2,340	2,301	1,931	2,149	2,385	2,262	2,470	2,810
Aeronautical/astronautical engineering	93	88	93	69	77	70	80	96	95	104
Chemical engineering	296	355	300	312	238	259	258	252	260	285
Civil engineering	314	341	288	276	227	243	258	293	332	361
Electrical engineering	668	698	674	656	575	696	806	735	808	914
Industrial engineering	115	104	107	105	97	79	95	107	106	113
Materials/metallurgical engineering	208	203	210	197	161	155	201	167	206	229
Mechanical engineering	425	419	420	424	322	398	445	400	404	475
Other engineering	246	296	248	262	234	249	242	212	259	329
Non-science and engineering	1,107	1,087	998	1,001	1,042	1,058	1,031	1,028	1,106	1,205
Education	246	244	205	249	244	244	216	193	238	259
Health	140	147	135	156	139	143	170	140	164	167
Humanities	308	280	294	272	296	296	298	305	305	314
Professional/other/unknown	413	416	364	324	363	375	347	390	399	465
Female non-U.S. citizen with temporary visa, all fields	1,959	2,221	2,204	2,469	2,423	2,808	2,802	2,969	3,333	3,697
Science and engineering	1,248	1,500	1,521	1,755	1,648	1,863	1,965	1,962	2,238	2,441
Science	1,089	1,272	1,310	1,481	1,388	1,561	1,559	1,577	1,796	1,949
Agricultural sciences	92	113	98	114	122	117	127	117	143	152
Biological sciences	335	441	504	538	468	553	498	516	595	639
Computer sciences	43	42	38	23	47	48	47	62	68	82
Earth, atmospheric, and ocean sciences	19	25	31	34	41	45	44	39	51	58
Mathematics	79	83	75	85	77	84	110	121	104	143
Physical sciences	160	209	223	279	248	251	273	286	288	332
Astronomy	4	6	10	18	7	5	8	4	10	13
Chemistry	115	148	153	203	180	173	197	200	200	233
Physics	39	54	58	56	61	71	65	79	76	84
Other physical sciences	2	1	2	2	0	2	3	3	2	2
Psychology	85	94	79	101	83	96	85	95	122	116
Social sciences	276	265	262	307	302	367	375	341	425	427
Engineering	159	228	211	274	260	302	406	385	442	492
Aeronautical/astronautical engineering	1	5	4	2	5	4	7	10	16	12
Chemical engineering	21	45	43	60	44	48	78	74	81	80
Civil engineering	23	31	21	39	26	37	42	55	55	60
Electrical engineering	44	52	36	52	62	88	127	88	111	140
Industrial engineering	16	13	11	14	11	15	15	27	31	21
Materials/metallurgical engineering	15	19	34	30	33	26	49	29	54	50
Mechanical engineering	13	16	29	29	31	35	49	47	43	49
Other engineering	26	47	33	48	48	49	39	55	51	80
Non-science and engineering	711	721	683	714	775	945	837	1,007	1,095	1,256
Education	260	237	206	239	273	295	286	280	350	367
Health	104	117	138	129	147	163	150	183	163	199
Humanities	239	242	234	260	239	334	256	342	351	399
Professional/other/unknown	108	125	105	86	116	153	145	202	231	291
Non-U.S. citizen, all fields	13,148	13,415	12,124	12,198	11,365	11,613	11,671	11,377	12,246	13,113
Science and engineering	10,516	10,845	9,790	9,795	8,891	9,069	9,242	8,857	9,507	10,121
Science	7,033	7,318	6,642	6,734	6,296	6,267	6,152	5,937	6,325	6,578
Agricultural sciences	554	581	500	566	541	505	439	465	469	449
Biological sciences	1,806	2,062	1,908	1,886	1,751	1,749	1,586	1,607	1,669	1,694
Computer sciences	497	469	420	413	402	432	416	413	436	509
Earth, atmospheric, and ocean sciences	270	266	276	253	262	203	238	253	224	242
Mathematics	601	601	540	540	510	499	491	471	487	581
Physical sciences	1,635	1,634	1,450	1,517	1,369	1,358	1,403	1,274	1,377	1,465
Astronomy	49	54	44	67	43	54	57	36	39	49
Chemistry	879	906	804	837	772	770	778	689	784	790

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Physics	695	670	598	606	548	525	557	543	546	621
Other physical sciences	12	4	4	7	6	9	11	6	8	5
Psychology	266	284	226	262	223	239	228	227	267	252
Social sciences	1,404	1,421	1,322	1,297	1,238	1,282	1,351	1,227	1,396	1,386
Engineering	3,483	3,527	3,148	3,061	2,595	2,802	3,090	2,920	3,182	3,543
Aeronautical/astronautical engineering	107	111	110	84	91	84	95	116	121	122
Chemical engineering	408	474	431	419	320	350	365	360	361	387
Civil engineering	440	465	388	367	304	320	347	385	419	455
Electrical engineering	1,000	971	899	875	764	901	1,028	907	1,012	1,133
Industrial engineering	172	146	135	137	121	104	125	144	153	148
Materials/metallurgical engineering	338	314	288	276	229	204	273	207	284	297
Mechanical engineering	619	588	531	536	419	488	536	504	492	552
Other engineering	399	458	366	367	347	351	321	297	340	449
Non-science and engineering	2,632	2,570	2,334	2,403	2,474	2,544	2,429	2,520	2,739	2,992
Education	724	678	576	661	695	665	619	586	718	739
Health	351	351	342	368	363	381	389	391	387	439
Humanities	856	841	819	838	820	862	820	849	897	957
Professional/other/unknown	701	700	597	536	596	636	601	694	737	857
Male non-U.S. citizen, all fields	9,762	9,899	8,808	8,672	8,009	7,989	8,030	7,622	8,080	8,630
Science and engineering	8,233	8,430	7,483	7,337	6,640	6,695	6,743	6,386	6,750	7,229
Science	5,058	5,241	4,648	4,639	4,371	4,267	4,127	3,928	4,081	4,236
Agricultural sciences	436	437	379	419	402	367	294	335	301	277
Biological sciences	1,094	1,263	1,120	1,105	1,068	1,016	901	907	919	926
Computer sciences	427	413	364	369	340	371	355	332	349	413
Earth, atmospheric, and ocean sciences	221	225	227	199	206	148	184	202	163	174
Mathematics	471	478	431	427	405	395	364	337	361	416
Physical sciences	1,285	1,281	1,109	1,143	1,039	1,043	1,070	937	1,020	1,081
Astronomy	41	44	33	45	34	46	47	32	27	35
Chemistry	635	651	570	562	528	550	538	453	533	519
Physics	600	583	506	531	471	440	478	449	454	526
Other physical sciences	9	3	0	5	6	7	7	3	6	1
Psychology	115	112	85	100	91	98	91	87	97	89
Social sciences	1,009	1,032	933	877	820	829	868	791	871	860
Engineering	3,175	3,189	2,835	2,698	2,269	2,428	2,616	2,458	2,669	2,993
Aeronautical/astronautical engineering	106	104	106	82	86	80	86	105	103	110
Chemical engineering	368	413	372	346	266	293	276	271	276	298
Civil engineering	401	424	353	319	271	277	298	322	356	385
Electrical engineering	915	896	829	796	683	788	877	797	881	978
Industrial engineering	148	128	121	120	107	88	105	113	117	125
Materials/metallurgical engineering	296	278	241	231	191	171	217	174	220	242
Mechanical engineering	584	556	493	493	379	444	483	447	440	501
Other engineering	357	390	320	311	286	287	274	229	276	354
Non-science and engineering	1,529	1,469	1,325	1,335	1,369	1,294	1,287	1,236	1,330	1,401
Education	340	333	280	319	311	287	269	230	284	294
Health	201	192	168	193	183	175	198	165	189	188
Humanities	446	426	426	417	440	395	401	394	402	407
Professional/other/unknown	542	518	451	406	435	437	419	447	455	512
Female non-U.S. citizen, all fields	3,368	3,503	3,300	3,490	3,352	3,621	3,640	3,749	4,151	4,476
Science and engineering	2,272	2,408	2,294	2,432	2,249	2,372	2,499	2,467	2,746	2,887
Science	1,967	2,072	1,985	2,081	1,924	1,999	2,025	2,006	2,237	2,337
Agricultural sciences	117	144	120	147	139	138	145	130	168	172
Biological sciences	707	797	787	778	683	733	685	700	746	767
Computer sciences	70	56	56	43	62	61	61	81	87	95
Earth, atmospheric, and ocean sciences	49	40	48	53	56	55	54	51	61	68
Mathematics	130	123	109	112	104	103	127	133	125	165

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Physical sciences	349	352	338	371	330	315	333	336	355	383
Astronomy	8	10	11	22	9	8	10	4	12	14
Chemistry	243	254	233	273	244	220	240	236	250	270
Physics	95	87	90	74	77	85	79	93	91	95
Other physical sciences	3	1	4	2	0	2	4	3	2	4
Psychology	151	172	141	162	132	141	137	140	170	162
Social sciences	394	388	386	415	418	453	483	435	525	525
Engineering	305	336	309	351	325	373	474	461	509	550
Aeronautical/astronautical engineering	1	7	4	2	5	4	9	11	18	12
Chemical engineering	39	60	59	72	54	57	89	89	85	89
Civil engineering	39	41	34	47	33	43	49	63	61	70
Electrical engineering	85	75	68	77	81	112	151	109	130	155
Industrial engineering	24	18	14	16	14	16	20	31	36	23
Materials/metallurgical engineering	41	36	47	44	38	33	56	33	64	55
Mechanical engineering	34	31	38	38	39	44	53	57	52	51
Other engineering	42	68	45	55	61	64	47	68	63	95
Non-science and engineering	1,096	1,095	1,006	1,058	1,103	1,249	1,141	1,282	1,405	1,589
Education	384	344	296	339	384	378	349	355	434	444
Health	148	155	174	174	180	206	191	226	197	251
Humanities	409	415	391	416	379	466	419	454	492	549
Professional/other/unknown	155	181	145	129	160	199	182	247	282	345
Citizenship unknown, all fields	859	1,249	2,266	1,992	1,741	1,773	2,113	2,601	2,039	2,611
Science and engineering	532	758	1,330	1,245	1,128	1,192	1,238	1,386	1,167	1,432
Science	393	572	1,102	947	879	894	970	1,122	975	1,140
Agricultural sciences	9	20	47	39	18	35	69	85	72	70
Biological sciences	76	116	211	203	171	201	206	286	237	288
Computer sciences	16	29	59	38	33	39	43	39	42	42
Earth, atmospheric, and ocean sciences	13	28	33	29	32	36	25	31	24	25
Mathematics	35	31	53	61	34	33	47	36	36	39
Physical sciences	69	127	188	166	175	159	130	159	130	140
Astronomy	4	1	3	7	5	4	10	4	3	3
Chemistry	45	73	110	91	104	100	76	97	86	87
Physics	20	53	72	67	66	54	38	57	34	50
Other physical sciences	0	0	3	1	0	1	6	1	7	0
Psychology	80	82	295	231	223	223	256	248	227	359
Social sciences	95	139	216	180	193	168	194	238	207	177
Engineering	139	186	228	298	249	298	268	264	192	292
Aeronautical/astronautical engineering	5	10	8	18	12	13	14	12	9	8
Chemical engineering	9	6	15	29	21	36	32	43	15	46
Civil engineering	10	21	18	37	19	15	25	31	16	30
Electrical engineering	48	62	68	83	75	111	83	64	48	97
Industrial engineering	4	6	9	8	4	5	7	15	6	6
Materials/metallurgical engineering	12	15	23	24	15	26	22	25	14	20
Mechanical engineering	23	28	35	53	37	35	31	38	35	30
Other engineering	28	38	52	46	66	57	54	36	49	55
Non-science and engineering	327	491	936	747	613	581	875	1,215	872	1,179
Education	149	228	416	337	215	210	384	615	401	591
Health	40	40	120	60	72	91	144	136	79	93
Humanities	87	143	269	255	206	192	228	247	222	252
Professional/other/unknown	51	80	131	95	120	88	119	217	170	243
Male, citizenship unknown, all fields	434	667	1,088	1,089	911	1,022	1,121	1,294	1,044	1,360
Science and engineering	288	443	716	737	652	745	742	840	679	853
Science	205	322	559	513	477	515	527	653	526	625
Agricultural sciences	2	13	27	28	9	28	44	58	39	46
Biological sciences	32	63	111	114	92	113	117	173	141	171
Computer sciences	13	17	32	23	22	30	31	29	32	27

TABLE 3. Doctorates awarded, by sex, citizenship status, and major field of study of recipients: 1995–2004

Characteristic and field	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Earth, atmospheric, and ocean sciences	7	17	23	22	20	30	14	26	17	21
Mathematics	26	18	33	40	24	22	35	24	28	31
Physical sciences	42	78	126	107	130	116	87	121	84	106
Astronomy	3	1	2	7	5	4	6	2	3	3
Chemistry	24	38	71	52	71	67	49	70	49	68
Physics	15	39	51	48	54	44	29	48	26	35
Other physical sciences	0	0	2	0	0	1	3	1	6	0
Psychology	38	28	90	80	76	84	81	84	73	120
Social sciences	45	88	117	99	104	92	118	138	112	103
Engineering	83	121	157	224	175	230	215	187	153	228
Aeronautical/astronautical engineering	3	8	5	16	9	8	11	8	8	6
Chemical engineering	8	5	9	21	16	30	21	27	12	32
Civil engineering	4	17	14	29	17	10	21	21	13	21
Electrical engineering	26	35	52	61	50	88	73	48	38	77
Industrial engineering	1	4	7	6	4	2	4	6	2	4
Materials/metallurgical engineering	8	7	16	18	9	22	20	19	12	17
Mechanical engineering	15	16	26	37	25	29	25	31	30	28
Other engineering	18	29	28	36	45	41	40	27	38	43
Non-science and engineering	146	224	372	352	259	277	379	454	365	507
Education	58	92	138	126	77	85	132	197	144	215
Health	13	16	47	23	31	39	66	49	22	31
Humanities	45	71	127	149	85	105	124	119	113	117
Professional/other/unknown	30	45	60	54	66	48	57	89	86	144
Female, citizenship unknown, all fields	274	398	869	788	656	683	913	1,220	854	1,180
Science and engineering	125	184	425	422	362	398	453	496	416	536
Science	108	161	398	374	325	354	409	435	402	484
Agricultural sciences	4	6	14	10	4	5	18	20	27	20
Biological sciences	23	33	71	77	62	82	80	111	88	111
Computer sciences	0	6	12	13	4	7	10	7	10	11
Earth, atmospheric, and ocean sciences	4	5	7	5	9	3	10	5	6	4
Mathematics	3	3	11	14	8	11	12	10	7	8
Physical sciences	10	23	42	43	30	38	38	34	37	28
Astronomy	1	0	1	0	0	0	4	2	0	0
Chemistry	9	18	29	29	26	29	23	26	32	14
Physics	0	5	11	14	4	9	8	6	4	14
Other physical sciences	0	0	1	0	0	0	3	0	1	0
Psychology	39	51	178	143	137	137	171	159	145	236
Social sciences	25	34	63	69	71	71	70	89	82	66
Engineering	17	23	27	48	37	44	44	61	14	52
Aeronautical/astronautical engineering	1	1	0	1	2	3	2	3	0	2
Chemical engineering	0	0	2	4	4	3	9	14	1	13
Civil engineering	1	1	1	3	2	3	3	8	1	7
Electrical engineering	9	11	8	13	12	14	9	9	3	14
Industrial engineering	0	2	1	2	0	2	2	8	0	1
Materials/metallurgical engineering	1	1	1	3	1	3	2	5	2	3
Mechanical engineering	2	2	4	14	5	5	4	5	1	2
Other engineering	3	5	10	8	11	11	13	9	6	10
Non-science and engineering	149	214	444	366	294	285	460	724	438	644
Education	81	118	227	201	121	123	248	408	231	369
Health	20	20	58	33	32	49	65	86	49	56
Humanities	37	55	114	103	96	84	96	122	102	130
Professional/other/unknown	11	21	45	29	45	29	51	108	56	89

NOTES: Persons whose sex is unknown are included in totals but are not shown separately. Categories are grouped differently from questionnaire and summary reports in that linguistics, history of science, American studies, and archaeology are included in social science and not in humanities, and public administration is included in social science and not in professional fields.

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