

TABLE D-3. Male S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

Field, citizenship, and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
All male S&E graduate students	242,786	243,057	251,810	266,217	276,248	274,008	271,967	275,181
Science	160,982	159,691	164,574	171,516	176,458	177,714	178,297	180,084
Agricultural sciences	7,263	6,935	6,892	7,045	7,171	7,187	6,921	6,717
Biological sciences	27,338	26,475	26,590	27,677	28,818	29,276	29,958	30,572
Anatomy	404	428	383	455	442	430	472	474
Biochemistry	2,835	2,735	2,694	2,768	2,957	2,969	2,996	3,012
Biology	6,846	6,401	6,163	6,308	6,612	6,841	7,043	7,407
Biometry/epidemiology	1,381	1,374	1,390	1,519	1,668	1,807	1,796	1,804
Biophysics	497	520	615	647	693	746	775	798
Botany	992	918	947	954	905	857	875	888
Cell/molecular biology	2,277	2,326	2,390	2,584	2,683	2,735	2,887	3,023
Ecology	823	846	909	928	1,022	993	955	938
Entomology/parasitology	739	662	690	699	669	676	606	596
Genetics	767	739	795	797	857	846	846	837
Microbiology, immunology, and virology	2,365	2,382	2,303	2,400	2,323	2,322	2,319	2,274
Nutrition	1,077	1,034	993	1,027	1,037	1,050	1,026	1,101
Pathology	776	702	742	707	631	635	635	631
Pharmacology	1,414	1,447	1,482	1,461	1,539	1,429	1,401	1,321
Physiology	1,185	1,133	1,056	1,082	1,184	1,180	1,144	1,141
Zoology	853	803	744	711	656	596	628	559
Other	2,107	2,025	2,294	2,630	2,940	3,164	3,554	3,768
Computer sciences	29,933	33,270	36,894	39,244	38,880	36,739	35,933	35,591
Earth, atmospheric, and ocean sciences	8,358	8,188	7,949	7,993	8,082	8,199	7,941	7,916
Atmospheric	671	695	626	703	776	723	758	712
Earth	4,237	4,141	4,061	4,099	4,125	4,299	4,169	4,096
Ocean	1,402	1,401	1,330	1,309	1,303	1,292	1,279	1,273
Other	2,048	1,951	1,932	1,882	1,878	1,885	1,735	1,835
Mathematics and statistics	10,214	9,870	10,381	11,277	12,176	12,434	12,773	13,122
Mathematics/applied mathematics	8,659	8,315	8,751	9,463	10,163	10,351	10,546	10,877
Statistics	1,555	1,555	1,630	1,814	2,013	2,083	2,227	2,245
Physical sciences	21,776	21,270	21,702	22,275	23,520	24,461	24,649	24,896
Astronomy	607	621	651	688	735	764	797	804
Chemistry	11,799	11,349	11,511	11,720	12,210	12,544	12,678	12,707
Physics	8,993	8,931	9,206	9,500	10,189	10,797	10,803	11,012
Other	377	369	334	367	386	356	371	373
Psychology	14,456	13,594	13,147	13,435	13,383	13,970	13,963	13,950
Clinical	3,513	3,205	3,089	3,142	3,163	3,148	3,271	3,104
General	4,816	4,555	4,512	4,453	4,544	5,131	4,690	4,633
Nonclinical	6,127	5,834	5,546	5,840	5,676	5,691	6,002	6,213
Social sciences	41,644	40,089	41,019	42,570	44,428	45,448	46,159	47,320
Agricultural economics	1,299	1,290	1,326	1,343	1,418	1,341	1,252	1,249
Anthropology (cultural and social)	2,989	2,941	2,929	2,864	2,919	2,853	2,810	2,935
Economics	7,063	6,983	7,413	7,741	7,808	7,833	7,551	7,789
Geography	2,547	2,409	2,503	2,540	2,693	2,801	2,787	2,748
History and philosophy of science	345	313	327	362	425	580	525	540
Linguistics	966	930	951	984	1,023	1,014	1,132	1,088
Political science and public administration	15,799	15,204	15,304	16,315	17,038	18,203	18,898	19,545
Sociology	3,498	3,354	3,388	3,444	3,493	3,372	3,528	3,532
Other	7,138	6,665	6,878	6,977	7,611	7,451	7,676	7,894
Engineering	81,804	83,366	87,236	94,701	99,790	96,294	93,670	95,097
Aerospace	2,926	2,938	2,966	3,169	3,445	3,489	3,563	3,773
Agricultural	717	661	647	664	743	730	736	723
Biomedical	2,083	2,141	2,361	2,825	3,357	3,624	3,770	3,996
Chemical	5,150	5,181	5,084	5,419	5,416	5,346	5,094	5,102
Civil	12,069	12,174	12,162	12,808	13,492	13,120	12,709	12,379
Electrical	26,689	28,075	29,888	32,678	33,969	31,794	30,662	31,239
Engineering science/physics	1,308	1,290	1,435	1,691	1,775	1,733	1,532	1,595
Industrial/manufacturing	9,144	9,406	10,132	10,957	11,047	10,622	10,354	10,363
Mechanical	13,168	13,403	13,908	15,056	16,039	15,396	14,965	15,434

TABLE D-3. Male S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

Field, citizenship, and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Metallurgical/materials	3,397	3,336	3,548	3,741	3,800	3,738	3,812	3,878
Mining	273	241	204	230	236	266	240	201
Nuclear	686	636	644	647	703	775	802	885
Petroleum	560	540	565	659	720	711	687	678
Other	3,634	3,344	3,692	4,157	5,048	4,950	4,744	4,851
U.S. citizens and permanent residents	165,823	156,975	157,945	164,891	174,818	176,297	177,900	179,783
Science	118,016	112,367	113,466	117,406	122,940	125,163	126,629	127,551
Agricultural sciences	5,580	5,371	5,316	5,444	5,613	5,583	5,352	5,184
Biological sciences	21,590	20,557	20,533	20,999	21,889	21,993	22,409	22,730
Anatomy	317	324	281	340	340	336	371	377
Biochemistry	2,042	1,866	1,869	1,859	1,974	1,923	1,942	1,949
Biology	5,831	5,374	5,099	5,135	5,434	5,598	5,681	5,941
Biometry/epidemiology	1,006	986	999	1,032	1,170	1,293	1,295	1,257
Biophysics	386	372	427	433	482	509	536	553
Botany	661	603	646	639	614	563	539	543
Cell/molecular biology	1,853	1,858	1,870	2,018	2,043	2,025	2,134	2,175
Ecology	723	745	799	802	886	851	824	809
Entomology/parasitology	521	467	500	512	488	490	432	406
Genetics	556	543	568	586	616	595	595	586
Microbiology, immunology, and virology	1,904	1,916	1,843	1,834	1,814	1,810	1,797	1,819
Nutrition	699	649	597	621	587	636	630	692
Pathology	607	532	586	562	482	480	467	468
Pharmacology	1,124	1,141	1,184	1,172	1,207	1,071	1,025	993
Physiology	919	876	838	852	927	924	925	929
Zoology	762	711	631	590	565	502	515	468
Other	1,679	1,594	1,796	2,012	2,260	2,387	2,701	2,765
Computer sciences	17,911	17,682	18,499	19,997	21,369	20,899	20,633	19,934
Earth, atmospheric, and ocean sciences	6,695	6,392	6,148	6,232	6,344	6,483	6,262	6,255
Atmospheric	502	493	447	509	597	555	580	550
Earth	3,344	3,194	3,091	3,152	3,169	3,349	3,256	3,206
Ocean	1,070	1,077	1,022	1,028	1,010	1,013	996	984
Other	1,779	1,628	1,588	1,543	1,568	1,566	1,430	1,515
Mathematics and statistics	6,348	5,932	6,240	6,760	7,524	7,732	8,028	8,362
Mathematics/applied mathematics	5,494	5,112	5,423	5,835	6,487	6,658	6,908	7,236
Statistics	854	820	817	925	1,037	1,074	1,120	1,126
Physical sciences	13,697	12,898	12,976	13,073	13,666	14,391	14,577	14,774
Astronomy	421	420	442	458	494	491	526	534
Chemistry	7,854	7,406	7,344	7,209	7,367	7,644	7,670	7,664
Physics	5,093	4,758	4,916	5,097	5,495	5,950	6,057	6,263
Other	329	314	274	309	310	306	324	313
Psychology	13,666	12,842	12,370	12,343	12,229	12,722	13,056	13,154
Clinical	3,397	3,121	2,995	2,920	2,934	3,045	3,167	3,015
General	4,531	4,243	4,185	4,035	4,090	4,405	4,272	4,304
Nonclinical	5,738	5,478	5,190	5,388	5,205	5,272	5,617	5,835
Social sciences	32,529	30,693	31,384	32,558	34,306	35,360	36,312	37,158
Agricultural economics	696	652	686	713	754	725	674	690
Anthropology (cultural and social)	2,614	2,577	2,581	2,477	2,553	2,483	2,433	2,524
Economics	3,310	3,126	3,289	3,451	3,624	3,718	3,584	3,785
Geography	2,186	2,025	2,071	2,113	2,246	2,346	2,332	2,300
History and philosophy of science	304	274	282	321	378	536	472	488
Linguistics	604	584	621	656	687	667	820	771
Political science and public administration	13,521	12,844	12,984	13,898	14,459	15,584	16,321	16,709
Sociology	2,953	2,794	2,837	2,882	2,920	2,821	2,970	2,969
Other	6,341	5,817	6,033	6,047	6,685	6,480	6,706	6,922
Engineering	47,807	44,608	44,479	47,485	51,878	51,134	51,271	52,232
Aerospace	1,562	1,612	1,530	1,699	1,971	2,024	2,128	2,505
Agricultural	398	361	334	346	377	373	361	341
Biomedical	1,488	1,482	1,600	1,805	2,091	2,240	2,365	2,596

TABLE D-3. Male S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

Field, citizenship, and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Chemical	2,849	2,664	2,424	2,606	2,649	2,631	2,566	2,568
Civil	7,846	7,397	7,115	7,344	7,906	7,874	7,817	7,762
Electrical	14,128	13,069	13,154	13,911	15,156	14,290	14,116	13,851
Engineering science/physics	878	760	845	987	995	933	861	920
Industrial/manufacturing	6,070	5,678	5,699	6,179	6,563	6,530	6,843	6,923
Mechanical	7,619	7,006	7,028	7,402	8,239	8,289	8,313	8,707
Metallurgical/materials	1,820	1,684	1,763	1,814	1,844	1,811	1,830	1,959
Mining	176	123	104	135	137	156	131	102
Nuclear	411	362	357	377	417	493	531	634
Petroleum	131	225	227	258	150	161	164	161
Other	2,431	2,185	2,299	2,622	3,383	3,329	3,245	3,203
White	121,810	113,782	113,258	116,605	122,130	122,938	123,187	123,478
Science	87,611	82,325	82,400	84,105	87,553	88,561	89,006	89,186
Agricultural sciences	4,856	4,626	4,547	4,670	4,738	4,745	4,516	4,314
Biological sciences	16,511	15,578	15,347	15,600	16,060	16,031	16,212	16,391
Anatomy	238	241	218	248	238	239	259	264
Biochemistry	1,507	1,409	1,356	1,369	1,393	1,400	1,399	1,426
Biology	4,470	4,105	3,920	3,914	4,105	4,175	4,222	4,337
Biometry/epidemiology	696	672	664	663	785	831	788	769
Biophysics	266	253	290	299	338	376	380	406
Botany	576	521	540	520	503	462	456	442
Cell/molecular biology	1,409	1,355	1,332	1,427	1,427	1,455	1,501	1,514
Ecology	654	651	703	700	751	716	688	671
Entomology/parasitology	474	423	423	449	429	429	374	349
Genetics	395	384	406	406	412	407	422	416
Microbiology, immunology, and virology	1,404	1,409	1,305	1,313	1,282	1,280	1,250	1,288
Nutrition	543	492	436	460	437	456	449	520
Pathology	436	380	407	390	321	333	339	338
Pharmacology	852	867	878	855	868	747	696	669
Physiology	635	586	570	580	634	623	632	639
Zoology	701	650	567	520	492	447	450	409
Other	1,255	1,180	1,332	1,487	1,645	1,655	1,907	1,934
Computer sciences	10,856	10,839	11,279	12,000	13,221	13,089	12,934	12,362
Earth, atmospheric, and ocean sciences	5,873	5,612	5,362	5,389	5,422	5,521	5,328	5,286
Atmospheric	441	431	391	448	502	459	481	468
Earth	2,986	2,850	2,752	2,761	2,757	2,939	2,840	2,760
Ocean	930	951	872	891	869	861	833	829
Other	1,516	1,380	1,347	1,289	1,294	1,262	1,174	1,229
Mathematics and statistics	4,798	4,354	4,587	4,877	5,353	5,566	5,738	5,941
Mathematics/applied mathematics	4,129	3,728	3,957	4,202	4,585	4,828	4,987	5,166
Statistics	669	626	630	675	768	738	751	775
Physical sciences	10,872	10,176	10,084	10,123	10,515	11,008	11,297	11,233
Astronomy	365	360	373	388	411	425	440	439
Chemistry	6,212	5,855	5,806	5,611	5,619	5,768	5,897	5,721
Physics	4,101	3,773	3,730	3,926	4,288	4,619	4,707	4,843
Other	194	188	175	198	197	196	253	230
Psychology	10,195	9,359	9,024	8,817	8,680	8,560	8,745	8,913
Clinical	2,635	2,342	2,205	2,101	2,094	2,072	2,070	2,038
General	3,448	3,155	3,132	3,015	2,965	2,961	3,062	3,054
Nonclinical	4,112	3,862	3,687	3,701	3,621	3,527	3,613	3,821
Social sciences	23,650	21,781	22,170	22,629	23,564	24,041	24,236	24,746
Agricultural economics	572	535	557	589	629	612	562	550
Anthropology (cultural and social)	2,130	2,049	2,042	1,962	1,986	1,926	1,859	1,907
Economics	2,445	2,230	2,304	2,336	2,450	2,573	2,531	2,613
Geography	1,889	1,745	1,785	1,806	1,892	1,980	1,934	1,887
History and philosophy of science	261	228	232	229	296	405	371	378
Linguistics	474	436	463	466	489	457	553	562
Political science and public administration	9,554	8,851	8,945	9,306	9,513	10,045	10,260	10,549

TABLE D-3. Male S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

Field, citizenship, and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Sociology	1,971	1,864	1,894	1,925	1,933	1,874	1,978	1,998
Other	4,354	3,843	3,948	4,010	4,376	4,169	4,188	4,302
Engineering	34,199	31,457	30,858	32,500	34,577	34,377	34,181	34,292
Aerospace	1,239	1,233	1,224	1,295	1,468	1,535	1,572	1,643
Agricultural	329	301	275	298	322	320	305	285
Biomedical	1,125	1,070	1,106	1,259	1,371	1,446	1,513	1,635
Chemical	2,162	1,964	1,807	1,912	1,919	1,990	1,897	1,885
Civil	5,990	5,641	5,381	5,479	5,834	5,772	5,672	5,511
Electrical	8,798	8,001	7,865	8,093	8,673	8,476	8,243	7,969
Engineering science/physics	650	539	579	723	749	692	641	662
Industrial/manufacturing	4,446	4,118	4,093	4,419	4,357	4,223	4,440	4,338
Mechanical	5,742	5,318	5,204	5,511	5,979	6,074	6,036	6,367
Metallurgical/materials	1,492	1,325	1,390	1,414	1,427	1,326	1,377	1,443
Mining	129	104	86	111	111	132	99	82
Nuclear	358	313	300	320	352	408	438	493
Petroleum	111	95	102	110	113	109	100	98
Other	1,628	1,435	1,446	1,556	1,902	1,874	1,848	1,881
Asian/Pacific Islander	16,046	14,356	15,121	16,583	17,963	16,940	16,689	16,413
Science	9,894	8,914	9,250	9,927	10,378	10,188	9,960	9,830
Agricultural sciences	143	112	115	136	151	136	132	165
Biological sciences	2,099	1,993	2,168	2,184	2,264	2,252	2,294	2,354
Anatomy	42	51	34	41	46	44	47	50
Biochemistry	306	231	266	221	247	232	219	218
Biology	355	337	315	330	342	374	352	400
Biometry/epidemiology	119	134	139	169	165	211	204	215
Biophysics	71	72	94	81	83	63	77	70
Botany	25	22	39	50	42	36	23	26
Cell/molecular biology	222	246	255	279	281	231	287	286
Ecology	18	16	18	13	17	22	19	21
Entomology/parasitology	9	9	27	15	14	17	13	12
Genetics	79	53	71	82	100	88	81	77
Microbiology, immunology, and virology	196	197	235	214	216	210	215	210
Nutrition	56	56	53	50	49	44	55	57
Pathology	94	83	87	90	78	73	62	60
Pharmacology	146	138	168	174	158	136	145	145
Physiology	170	166	155	160	178	191	182	144
Zoology	15	13	17	16	14	15	14	14
Other	176	169	195	199	234	265	299	349
Computer sciences	3,826	3,323	3,440	3,810	3,794	3,451	3,170	2,922
Earth, atmospheric, and ocean sciences	208	179	171	153	158	201	187	173
Atmospheric	33	25	15	11	29	31	32	21
Earth	78	72	84	79	63	70	75	67
Ocean	31	29	21	27	17	27	27	24
Other	66	53	51	36	49	73	53	61
Mathematics and statistics	565	531	552	653	739	714	761	784
Mathematics/applied mathematics	471	435	480	546	631	577	600	623
Statistics	94	96	72	107	108	137	161	161
Physical sciences	1,046	951	916	893	946	1,019	961	1,022
Astronomy	18	19	21	26	36	23	29	36
Chemistry	638	606	551	539	569	607	564	594
Physics	373	317	334	312	322	375	354	377
Other	17	9	10	16	19	14	14	15
Psychology	536	532	548	553	575	563	561	575
Clinical	126	116	110	103	104	109	110	121
General	172	192	187	182	227	237	241	228
Nonclinical	238	224	251	268	244	217	210	226

TABLE D-3. Male S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

Field, citizenship, and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Social sciences	1,471	1,293	1,340	1,545	1,751	1,852	1,894	1,835
Agricultural economics	35	17	14	19	20	16	16	26
Anthropology (cultural and social)	73	68	67	78	94	89	91	87
Economics	357	264	293	326	362	336	336	322
Geography	47	39	42	55	62	66	77	88
History and philosophy of science	11	11	11	12	12	28	16	21
Linguistics	34	28	48	48	55	48	76	50
Political science and public administration	529	526	521	634	687	784	801	779
Sociology	148	123	124	123	140	126	126	140
Other	237	217	220	250	319	359	355	322
Engineering	6,152	5,442	5,871	6,656	7,585	6,752	6,729	6,583
Aerospace	132	180	111	155	171	161	189	250
Agricultural	26	19	23	23	20	31	23	23
Biomedical	203	236	263	288	385	431	451	504
Chemical	310	328	325	353	342	276	287	290
Civil	615	506	492	557	658	622	606	588
Electrical	2,787	2,457	2,726	3,107	3,442	2,843	2,832	2,700
Engineering science/physics	127	84	98	118	116	120	102	114
Industrial/manufacturing	586	464	474	586	717	656	735	715
Mechanical	829	634	739	705	823	778	752	744
Metallurgical/materials	155	173	166	196	217	250	219	238
Mining	40	10	11	19	3	5	4	1
Nuclear	16	19	19	24	21	28	31	33
Petroleum	10	37	35	38	9	17	19	13
Other	316	295	389	487	661	534	479	370
Black	8,565	8,298	8,382	8,908	9,456	9,777	9,625	9,780
Science	6,576	6,348	6,448	6,896	7,285	7,507	7,255	7,337
Agricultural sciences	159	139	126	162	194	153	172	152
Biological sciences	761	760	792	812	858	869	928	948
Anatomy	12	10	6	13	15	16	19	14
Biochemistry	64	63	53	50	63	59	68	68
Biology	262	243	248	231	253	251	276	302
Biometry/epidemiology	58	46	49	62	63	70	73	73
Biophysics	9	10	10	10	9	13	14	16
Botany	8	7	11	12	12	6	4	8
Cell/molecular biology	49	59	63	68	55	63	61	61
Ecology	11	13	13	9	16	8	8	9
Entomology/parasitology	9	6	9	9	5	2	4	7
Genetics	20	25	23	20	20	15	15	16
Microbiology, immunology, and virology	62	68	57	65	72	83	84	82
Nutrition	42	41	46	52	38	50	52	45
Pathology	14	13	19	19	21	16	14	16
Pharmacology	55	56	59	54	70	67	65	59
Physiology	27	42	42	36	35	36	32	34
Zoology	5	5	5	7	5	4	6	2
Other	54	53	79	95	106	110	133	136
Computer sciences	815	844	943	1,063	1,128	1,091	1,047	1,052
Earth, atmospheric, and ocean sciences	112	120	125	135	130	120	110	118
Atmospheric	3	9	12	15	20	22	17	18
Earth	31	32	32	37	40	41	39	38
Ocean	14	14	16	13	9	8	10	11
Other	64	65	65	70	61	49	44	51
Mathematics and statistics	324	299	320	340	373	364	369	364
Mathematics/applied mathematics	295	270	284	296	318	302	315	312
Statistics	29	29	36	44	55	62	54	52
Physical sciences	501	493	462	486	508	540	524	503
Astronomy	6	5	8	6	4	4	5	6
Chemistry	315	308	290	304	314	332	296	306

TABLE D-3. Male S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

Field, citizenship, and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Physics	164	168	158	168	179	191	205	171
Other	16	12	6	8	11	13	18	20
Psychology	905	871	867	945	934	1,238	947	925
Clinical	165	163	148	153	147	170	157	151
General	351	319	316	339	360	634	340	313
Nonclinical	389	389	403	453	427	434	450	461
Social sciences	2,999	2,822	2,813	2,953	3,160	3,132	3,158	3,275
Agricultural economics	49	42	41	42	40	24	27	35
Anthropology (cultural and social)	82	74	58	59	61	56	52	53
Economics	158	162	163	185	209	224	178	203
Geography	48	47	61	55	61	65	77	80
History and philosophy of science	7	8	7	13	16	20	22	16
Linguistics	13	13	15	17	14	16	21	12
Political science and public administration	1,567	1,445	1,468	1,590	1,610	1,693	1,660	1,729
Sociology	405	357	357	349	376	334	342	331
Other	670	674	643	643	773	700	779	816
Engineering	1,989	1,950	1,934	2,012	2,171	2,270	2,370	2,443
Aerospace	44	49	41	45	50	54	58	61
Agricultural	20	15	12	11	14	9	13	14
Biomedical	51	53	58	67	68	78	89	97
Chemical	68	89	78	79	95	95	86	93
Civil	277	270	273	271	273	291	295	327
Electrical	686	629	620	645	629	656	654	648
Engineering science/physics	28	21	23	29	36	26	26	33
Industrial/manufacturing	309	310	349	352	419	441	482	467
Mechanical	287	292	273	279	296	278	321	344
Metallurgical/materials	49	51	61	61	59	57	53	68
Mining	1	4	1	1	2	5	3	3
Nuclear	7	6	7	5	4	8	8	10
Petroleum	5	7	3	6	10	17	27	21
Other	157	154	135	161	216	255	255	257
Hispanic	8,196	8,268	8,514	9,188	10,182	10,591	10,919	11,301
Science	5,974	5,988	6,173	6,688	7,260	7,526	7,926	8,115
Agricultural sciences	209	223	210	197	251	267	243	258
Biological sciences	968	963	1,009	1,120	1,218	1,252	1,320	1,363
Anatomy	15	14	13	24	26	17	23	22
Biochemistry	82	74	87	96	119	104	117	122
Biology	318	330	313	349	353	344	372	401
Biometry/epidemiology	47	54	46	71	78	76	79	72
Biophysics	15	12	17	17	22	21	27	24
Botany	22	20	23	23	20	22	21	26
Cell/molecular biology	76	68	84	90	96	113	121	144
Ecology	15	18	18	22	20	26	31	27
Entomology/parasitology	16	18	21	16	16	18	22	19
Genetics	25	24	24	28	24	28	30	28
Microbiology, immunology, and virology	94	89	100	104	117	122	118	118
Nutrition	31	25	28	20	37	54	38	35
Pathology	28	25	31	28	30	33	27	30
Pharmacology	40	50	53	54	55	68	67	68
Physiology	44	39	34	38	45	41	45	51
Zoology	21	16	16	20	22	14	20	17
Other	79	87	101	120	138	151	162	159
Computer sciences	653	617	650	733	815	859	927	936
Earth, atmospheric, and ocean sciences	200	186	196	191	223	236	227	229
Atmospheric	4	8	8	10	13	15	24	16
Earth	84	80	77	82	87	106	101	98
Ocean	62	54	72	60	72	70	68	64
Other	50	44	39	39	51	45	34	51

TABLE D-3. Male S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

Field, citizenship, and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Mathematics and statistics	270	310	322	335	381	395	418	449
Mathematics/applied mathematics	241	277	295	307	342	348	369	408
Statistics	29	33	27	28	39	47	49	41
Physical sciences	549	507	539	605	678	744	752	766
Astronomy	10	14	12	9	14	10	12	14
Chemistry	329	315	337	361	411	442	429	423
Physics	188	162	181	221	237	272	289	308
Other	22	16	9	14	16	20	22	21
Psychology	957	1,039	1,048	1,128	1,130	1,132	1,174	1,192
Clinical	260	323	333	360	379	368	379	358
General	277	263	279	265	264	282	309	345
Nonclinical	420	453	436	503	487	482	486	489
Social sciences	2,168	2,143	2,199	2,379	2,564	2,641	2,865	2,922
Agricultural economics	19	23	22	17	24	27	28	33
Anthropology (cultural and social)	129	148	159	166	176	160	171	174
Economics	159	160	204	214	235	236	225	259
Geography	64	57	59	71	87	78	86	86
History and philosophy of science	14	11	12	37	22	30	29	35
Linguistics	35	39	33	45	43	63	55	42
Political science and public administration	979	1,009	932	1,057	1,167	1,236	1,354	1,351
Sociology	277	248	258	275	272	275	292	280
Other	492	448	520	497	538	536	625	662
Engineering	2,222	2,280	2,341	2,500	2,922	3,065	2,993	3,186
Aerospace	70	67	54	69	93	96	100	112
Agricultural	12	11	11	8	6	4	3	4
Biomedical	50	63	70	78	98	116	117	140
Chemical	128	113	108	122	143	132	130	154
Civil	498	540	508	504	564	616	603	636
Electrical	631	618	683	766	890	913	882	865
Engineering science/physics	29	26	29	39	44	39	36	43
Industrial/manufacturing	291	298	302	302	383	418	392	450
Mechanical	336	317	342	367	441	452	467	504
Metallurgical/materials	49	60	54	51	60	68	74	64
Mining	2	1	1	1	3	5	5	5
Nuclear	23	22	25	17	24	21	28	53
Petroleum	3	43	46	46	7	9	11	15
Other	100	101	108	130	166	176	145	141
American Indian/Alaska Native	744	734	808	810	890	847	908	979
Science	569	596	646	635	671	649	702	761
Agricultural sciences	46	34	35	36	38	35	31	39
Biological sciences	80	79	95	87	89	91	113	128
Anatomy	1	3	3	1	1	0	1	2
Biochemistry	2	5	9	5	5	3	10	13
Biology	27	22	27	22	22	21	28	26
Biometry/epidemiology	2	2	2	4	3	2	5	6
Biophysics	0	0	0	1	1	4	2	4
Botany	0	0	4	4	4	4	4	9
Cell/molecular biology	1	2	1	2	3	6	8	12
Ecology	3	2	3	2	4	3	3	2
Entomology/parasitology	0	0	1	4	3	3	4	4
Genetics	1	1	1	1	4	3	4	5
Microbiology, immunology, and virology	11	16	10	14	9	9	7	9
Nutrition	2	1	0	1	1	2	2	1
Pathology	6	5	9	3	1	0	1	0
Pharmacology	4	4	7	8	11	10	11	10
Physiology	3	1	3	1	3	4	3	3
Zoology	4	3	5	3	4	3	6	5
Other	13	12	10	11	10	14	14	17

TABLE D-3. Male S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

Field, citizenship, and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Computer sciences	50	50	58	52	68	61	67	78
Earth, atmospheric, and ocean sciences	32	33	37	45	30	40	30	43
Atmospheric	2	3	3	4	5	4	3	1
Earth	13	17	17	18	14	22	16	23
Ocean	7	6	6	5	2	2	2	5
Other	10	7	11	18	9	12	9	14
Mathematics and statistics	12	15	22	18	18	26	23	37
Mathematics/applied mathematics	11	14	20	14	17	26	21	35
Statistics	1	1	2	4	1	0	2	2
Physical sciences	40	54	54	55	54	50	48	69
Astronomy	1	1	0	1	1	1	1	3
Chemistry	30	43	39	38	33	34	32	42
Physics	8	9	15	15	19	13	13	20
Other	1	1	0	1	1	2	2	4
Psychology	88	103	83	83	95	88	91	83
Clinical	30	32	23	28	32	31	31	29
General	26	37	24	14	22	24	22	21
Nonclinical	32	34	36	41	41	33	38	33
Social sciences	221	228	262	259	279	258	299	284
Agricultural economics	6	6	4	2	5	11	8	6
Anthropology (cultural and social)	45	49	46	37	35	40	45	54
Economics	4	6	12	16	16	13	10	13
Geography	9	13	18	19	18	13	20	21
History and philosophy of science	1	0	0	1	3	4	1	1
Linguistics	5	5	4	4	6	8	11	10
Political science and public administration	86	85	93	98	108	80	102	94
Sociology	30	23	32	36	34	32	29	27
Other	35	41	53	46	54	57	73	58
Engineering	175	138	162	175	219	198	206	218
Aerospace	8	6	6	9	11	13	11	9
Agricultural	1	1	1	0	0	1	2	2
Biomedical	7	4	4	4	4	10	7	13
Chemical	11	9	5	13	13	14	17	15
Civil	43	29	29	40	42	35	38	43
Electrical	36	26	39	27	49	43	47	42
Engineering science/physics	5	6	7	6	7	6	5	6
Industrial/manufacturing	23	27	30	27	37	37	35	38
Mechanical	25	18	23	23	35	18	21	28
Metallurgical/materials	5	3	6	9	6	6	5	4
Mining	0	1	0	2	3	1	0	1
Nuclear	1	0	0	2	1	3	3	2
Petroleum	0	1	1	1	0	0	0	0
Other	10	7	11	12	11	11	15	15
Other or unknown race/ethnicity	10,462	11,537	11,862	12,797	14,197	15,204	16,572	17,832
Science	7,392	8,196	8,549	9,155	9,793	10,732	11,780	12,322
Agricultural sciences	167	237	283	243	241	247	258	256
Biological sciences	1,171	1,184	1,122	1,196	1,400	1,498	1,542	1,546
Anatomy	9	5	7	13	14	20	22	25
Biochemistry	81	84	98	118	147	125	129	102
Biology	399	337	276	289	359	433	431	475
Biometry/epidemiology	84	78	99	63	76	103	146	122
Biophysics	25	25	16	25	29	32	36	33
Botany	30	33	29	30	33	33	31	32
Cell/molecular biology	96	128	135	152	181	157	156	158
Ecology	22	45	44	56	78	76	75	79
Entomology/parasitology	13	11	19	19	21	21	15	15
Genetics	36	56	43	49	56	54	43	44
Microbiology, immunology, and virology	137	137	136	124	118	106	123	112

TABLE D-3. Male S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

Field, citizenship, and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Nutrition	25	34	34	38	25	30	34	34
Pathology	29	26	33	32	31	25	24	24
Pharmacology	27	26	19	27	45	43	41	42
Physiology	40	42	34	37	32	29	31	58
Zoology	16	24	21	24	28	19	19	21
Other	102	93	79	100	127	192	186	170
Computer sciences	1,711	2,009	2,129	2,339	2,343	2,348	2,488	2,584
Earth, atmospheric, and ocean sciences	270	262	257	319	381	365	380	406
Atmospheric	19	17	18	21	28	24	23	26
Earth	152	143	129	175	208	171	185	220
Ocean	26	23	35	32	41	45	56	51
Other	73	79	75	91	104	125	116	109
Mathematics and statistics	379	423	437	537	660	667	719	787
Mathematics/applied mathematics	347	388	387	470	594	577	616	692
Statistics	32	35	50	67	66	90	103	95
Physical sciences	689	717	921	911	965	1,030	995	1,181
Astronomy	21	21	28	28	28	28	39	36
Chemistry	330	279	321	356	421	461	452	578
Physics	259	329	498	455	450	480	489	544
Other	79	88	74	72	66	61	15	23
Psychology	985	938	800	817	815	1,141	1,538	1,466
Clinical	181	145	176	175	178	295	420	318
General	257	277	247	220	252	267	298	343
Nonclinical	547	516	377	422	385	579	820	805
Social sciences	2,020	2,426	2,600	2,793	2,988	3,436	3,860	4,096
Agricultural economics	15	29	48	44	36	35	33	40
Anthropology (cultural and social)	155	189	209	175	201	212	215	249
Economics	187	304	313	374	352	336	304	375
Geography	129	124	106	107	126	144	138	138
History and philosophy of science	10	16	20	29	29	49	33	37
Linguistics	43	63	58	76	80	75	104	95
Political science and public administration	806	928	1,025	1,213	1,374	1,746	2,144	2,207
Sociology	122	179	172	174	165	180	203	193
Other	553	594	649	601	625	659	686	762
Engineering	3,070	3,341	3,313	3,642	4,404	4,472	4,792	5,510
Aerospace	69	77	94	126	178	165	198	430
Agricultural	10	14	12	6	15	8	15	13
Biomedical	52	56	99	109	165	159	188	207
Chemical	170	161	101	127	137	124	149	131
Civil	423	411	432	493	535	538	603	657
Electrical	1,190	1,338	1,221	1,273	1,473	1,359	1,458	1,627
Engineering science/physics	39	84	109	72	43	50	51	62
Industrial/manufacturing	415	461	451	493	650	755	759	915
Mechanical	400	427	447	517	665	689	716	720
Metallurgical/materials	70	72	86	83	75	104	102	142
Mining	4	3	5	1	15	8	20	10
Nuclear	6	2	6	9	15	25	23	43
Petroleum	2	42	40	57	11	9	7	14
Other	220	193	210	276	427	479	503	539
Temporary residents	76,963	86,082	93,865	101,326	101,430	97,711	94,067	95,398
Science	42,966	47,324	51,108	54,110	53,518	52,551	51,668	52,533
Agricultural sciences	1,683	1,564	1,576	1,601	1,558	1,604	1,569	1,533
Biological sciences	5,748	5,918	6,057	6,678	6,929	7,283	7,549	7,842
Anatomy	87	104	102	115	102	94	101	97
Biochemistry	793	869	825	909	983	1,046	1,054	1,063
Biology	1,015	1,027	1,064	1,173	1,178	1,243	1,362	1,466
Biometry/epidemiology	375	388	391	487	498	514	501	547
Biophysics	111	148	188	214	211	237	239	245

TABLE D-3. Male S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

Field, citizenship, and race/ethnicity	1999	2000	2001	2002	2003	2004	2005	2006
Botany	331	315	301	315	291	294	336	345
Cell/molecular biology	424	468	520	566	640	710	753	848
Ecology	100	101	110	126	136	142	131	129
Entomology/parasitology	218	195	190	187	181	186	174	190
Genetics	211	196	227	211	241	251	251	251
Microbiology, immunology, and virology	461	466	460	566	509	512	522	455
Nutrition	378	385	396	406	450	414	396	409
Pathology	169	170	156	145	149	155	168	163
Pharmacology	290	306	298	289	332	358	376	328
Physiology	266	257	218	230	257	256	219	212
Zoology	91	92	113	121	91	94	113	91
Other	428	431	498	618	680	777	853	1,003
Computer sciences	12,022	15,588	18,395	19,247	17,511	15,840	15,300	15,657
Earth, atmospheric, and ocean sciences	1,663	1,796	1,801	1,761	1,738	1,716	1,679	1,661
Atmospheric	169	202	179	194	179	168	178	162
Earth	893	947	970	947	956	950	913	890
Ocean	332	324	308	281	293	279	283	289
Other	269	323	344	339	310	319	305	320
Mathematics and statistics	3,866	3,938	4,141	4,517	4,652	4,702	4,745	4,760
Mathematics/applied mathematics	3,165	3,203	3,328	3,628	3,676	3,693	3,638	3,641
Statistics	701	735	813	889	976	1,009	1,107	1,119
Physical sciences	8,079	8,372	8,726	9,202	9,854	10,070	10,072	10,122
Astronomy	186	201	209	230	241	273	271	270
Chemistry	3,945	3,943	4,167	4,511	4,843	4,900	5,008	5,043
Physics	3,900	4,173	4,290	4,403	4,694	4,847	4,746	4,749
Other	48	55	60	58	76	50	47	60
Psychology	790	752	777	1,092	1,154	1,248	907	796
Clinical	116	84	94	222	229	103	104	89
General	285	312	327	418	454	726	418	329
Nonclinical	389	356	356	452	471	419	385	378
Social sciences	9,115	9,396	9,635	10,012	10,122	10,088	9,847	10,162
Agricultural economics	603	638	640	630	664	616	578	559
Anthropology (cultural and social)	375	364	348	387	366	370	377	411
Economics	3,753	3,857	4,124	4,290	4,184	4,115	3,967	4,004
Geography	361	384	432	427	447	455	455	448
History and philosophy of science	41	39	45	41	47	44	53	52
Linguistics	362	346	330	328	336	347	312	317
Political science and public administration	2,278	2,360	2,320	2,417	2,579	2,619	2,577	2,836
Sociology	545	560	551	562	573	551	558	563
Other	797	848	845	930	926	971	970	972
Engineering	33,997	38,758	42,757	47,216	47,912	45,160	42,399	42,865
Aerospace	1,364	1,326	1,436	1,470	1,474	1,465	1,435	1,268
Agricultural	319	300	313	318	366	357	375	382
Biomedical	595	659	761	1,020	1,266	1,384	1,405	1,400
Chemical	2,301	2,517	2,660	2,813	2,767	2,715	2,528	2,534
Civil	4,223	4,777	5,047	5,464	5,586	5,246	4,892	4,617
Electrical	12,561	15,006	16,734	18,767	18,813	17,504	16,546	17,388
Engineering science/physics	430	530	590	704	780	800	671	675
Industrial/manufacturing	3,074	3,728	4,433	4,778	4,484	4,092	3,511	3,440
Mechanical	5,549	6,397	6,880	7,654	7,800	7,107	6,652	6,727
Metallurgical/materials	1,577	1,652	1,785	1,927	1,956	1,927	1,982	1,919
Mining	97	118	100	95	99	110	109	99
Nuclear	275	274	287	270	286	282	271	251
Petroleum	429	315	338	401	570	550	523	517
Other	1,203	1,159	1,393	1,535	1,665	1,621	1,499	1,648

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary residents include all racial/ethnic groups.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 1999–2006.