

TABLE 19. Male full-time graduate students in science, engineering, and health fields in all institutions, by detailed field: 1998–2005

Field	1998	1999	2000	2001	2002	2003	2004	2005
All surveyed fields	180,993	182,940	186,261	193,465	206,152	214,041	212,852	211,757
Science and engineering	167,320	169,055	172,783	179,863	191,809	198,485	196,818	195,624
Science	114,712	114,555	115,359	118,608	124,774	128,345	129,682	130,707
Agricultural sciences	5,507	5,486	5,298	5,201	5,253	5,360	5,304	5,011
Biological sciences	23,487	23,097	22,604	22,707	23,819	24,684	24,934	25,577
Anatomy	410	385	398	358	411	408	394	433
Biochemistry	2,780	2,692	2,613	2,546	2,644	2,847	2,820	2,815
Biology	5,097	4,961	4,791	4,647	4,892	5,103	5,195	5,405
Biometry/epidemiology	1,007	986	934	982	1,074	1,164	1,190	1,229
Biophysics	509	479	500	586	599	647	706	732
Botany	909	883	826	853	856	817	766	783
Cell biology	2,126	2,153	2,200	2,264	2,429	2,509	2,568	2,734
Ecology	613	599	592	653	649	666	682	711
Entomology/parasitology	645	619	583	571	575	560	564	499
Genetics	718	736	714	751	773	826	814	804
Microbiology/immunology/virology	2,218	2,221	2,240	2,154	2,287	2,212	2,197	2,193
Nutrition	852	802	787	779	786	787	752	752
Pathology	666	669	590	611	597	544	557	540
Pharmacology	1,317	1,316	1,310	1,308	1,291	1,353	1,362	1,311
Physiology	1,182	1,087	1,055	986	1,000	1,104	1,084	1,028
Zoology	731	720	673	647	613	549	518	537
Biosciences, nec	1,707	1,789	1,798	2,011	2,343	2,588	2,765	3,071
Computer sciences	14,520	16,313	19,098	21,776	23,743	22,858	21,962	21,689
Earth, atmospheric, and ocean sciences	6,374	6,171	6,119	5,936	6,194	6,314	6,329	6,106
Atmospheric sciences	641	567	599	539	618	682	642	657
Geosciences	3,388	3,312	3,266	3,183	3,268	3,283	3,313	3,174
Oceanography	1,129	1,122	1,109	1,042	1,074	1,096	1,069	1,054
Earth/atmospheric/ocean sciences, nec	1,216	1,170	1,145	1,172	1,234	1,253	1,305	1,221
Mathematical sciences	7,797	7,662	7,669	8,085	8,807	9,488	9,728	10,081
Mathematics/applied mathematics	6,601	6,474	6,454	6,811	7,414	7,957	8,156	8,339
Statistics	1,196	1,188	1,215	1,274	1,393	1,531	1,572	1,742
Physical sciences	19,034	19,065	18,750	19,093	19,816	21,014	21,790	22,050
Astronomy	566	590	573	607	654	692	733	756
Chemistry	10,278	10,315	9,921	10,155	10,420	10,852	11,128	11,336
Physics	8,086	8,024	8,114	8,184	8,577	9,286	9,775	9,806
Physical sciences, nec	104	136	142	147	165	184	154	152
Psychology	10,509	10,073	9,841	9,303	9,303	9,414	9,989	9,875
Clinical psychology	2,812	2,795	2,557	2,452	2,344	2,313	2,357	2,449
Psychology, general	3,891	3,537	3,540	3,288	3,246	3,459	3,692	3,571
Psychology, nec	3,806	3,741	3,744	3,563	3,713	3,642	3,940	3,855
Social sciences	27,484	26,688	25,980	26,507	27,839	29,213	29,646	30,318
Agricultural economics	1,103	1,091	1,100	1,143	1,212	1,231	1,150	1,061
Anthropology (cultural/social)	2,292	2,295	2,184	2,209	2,189	2,234	2,115	2,106
Economics (except agricultural)	5,844	5,655	5,692	5,991	6,246	6,395	6,397	6,250
Geography	1,762	1,636	1,581	1,684	1,684	1,774	1,850	1,822
History and philosophy of science	257	267	239	226	232	267	309	315
Linguistics	781	782	754	769	797	830	840	920
Political science	8,833	8,512	8,290	8,176	8,921	9,532	10,086	10,700
Sociology	2,467	2,312	2,229	2,196	2,323	2,391	2,270	2,442
Sociology/anthropology	241	180	200	223	202	199	195	199
Social sciences, nec	3,904	3,958	3,711	3,890	4,033	4,360	4,434	4,503

TABLE 19. Male full-time graduate students in science, engineering, and health fields in all institutions, by detailed field: 1998–2005

Field	1998	1999	2000	2001	2002	2003	2004	2005
Engineering	52,608	54,500	57,424	61,255	67,035	70,140	67,136	64,917
Aerospace engineering	2,251	2,320	2,385	2,435	2,591	2,790	2,789	2,779
Agricultural engineering	573	564	500	530	551	621	577	583
Biomedical engineering	1,720	1,822	1,897	2,070	2,477	2,959	3,135	3,229
Chemical engineering	4,233	4,197	4,315	4,289	4,613	4,604	4,562	4,363
Civil engineering	8,213	8,192	8,454	8,677	9,201	9,592	9,427	9,010
Electrical engineering	16,471	17,147	19,073	20,767	22,884	23,361	21,645	21,084
Engineering science	892	838	879	961	1,137	1,406	1,363	1,261
Industrial engineering	3,810	4,364	4,710	5,105	5,628	5,467	4,996	4,508
Mechanical engineering	8,840	9,069	9,451	9,998	10,932	11,608	10,947	10,446
Metallurgical/materials engineering	2,829	2,715	2,751	2,988	3,180	3,258	3,218	3,319
Mining engineering	181	215	156	163	177	187	208	183
Nuclear engineering	551	530	535	523	527	598	641	670
Petroleum engineering	433	462	447	460	554	568	540	527
Engineering, nec	1,611	2,065	1,871	2,289	2,583	3,121	3,088	2,955
Health fields	13,673	13,885	13,478	13,602	14,343	15,556	16,034	16,133
Medical fields	4,761	4,835	4,520	4,784	5,329	5,722	5,563	5,385
Anesthesiology	307	311	329	359	341	416	387	378
Cardiology	28	37	38	31	23	22	28	20
Endocrinology	33	35	27	24	27	29	20	24
Gastroenterology	6	2	8	1	1	1	6	1
Hematology	0	0	4	4	1	10	12	7
Neurology	1,027	1,060	1,063	1,097	1,308	1,310	1,276	1,314
Obstetrics/gynecology	6	1	7	9	6	10	4	7
Oncology/cancer research	97	111	103	112	85	90	116	141
Ophthalmology	6	9	18	19	98	135	142	126
Otorhinolaryngology	0	3	3	2	7	7	5	4
Pediatrics	49	52	85	50	55	60	57	45
Preventive medicine/community health	2,464	2,432	2,089	2,157	2,437	2,513	2,397	2,149
Psychiatry	12	16	25	43	34	24	48	33
Pulmonary disease	0	4	5	3	3	5	1	14
Radiology	118	126	105	113	112	130	112	98
Surgery	51	61	65	69	47	50	41	49
Clinical medicine, nec	557	575	546	691	744	910	911	975
Other health	8,912	9,050	8,958	8,818	9,014	9,834	10,471	10,748
Dental sciences	805	768	799	822	811	918	1,028	852
Nursing	990	1,103	1,095	1,125	1,315	1,445	1,398	1,422
Pharmaceutical sciences	1,182	1,305	1,371	1,388	1,299	1,667	1,690	1,945
Speech pathology/audiology	801	835	717	725	649	663	675	655
Veterinary sciences	484	442	508	508	542	539	540	566
Health related, nec	4,650	4,597	4,468	4,250	4,398	4,602	5,140	5,308

nec = not elsewhere classified.

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