

TABLE 11. Male graduate students in science, engineering, and health fields in all institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
All surveyed fields	279,305	271,660	264,497	261,019	262,675	262,109	271,157	287,261
Science and engineering	262,256	253,510	245,619	241,429	242,786	243,057	251,812	266,521
Science	173,068	168,540	163,191	160,379	160,982	159,691	164,576	171,867
Physical sciences	24,314	23,288	22,257	21,822	21,776	21,270	21,702	22,276
Astronomy	689	647	570	590	607	621	651	688
Chemistry	12,742	12,495	12,052	11,918	11,799	11,349	11,511	11,721
Physics	10,590	9,919	9,403	9,029	8,993	8,931	9,206	9,500
Physical sciences, nec	293	227	232	285	377	369	334	367
Earth, atmosphere, and ocean science	10,282	9,736	9,132	8,690	8,358	8,188	7,949	7,993
Atmospheric sciences	835	852	829	731	671	695	626	703
Geosciences	5,299	4,984	4,663	4,372	4,237	4,141	4,061	4,099
Oceanography	1,616	1,545	1,424	1,400	1,402	1,401	1,330	1,309
Earth, atmosphere, and ocean science, nec	2,532	2,355	2,216	2,187	2,048	1,951	1,932	1,882
Mathematical sciences	12,246	11,789	10,851	10,497	10,214	9,870	10,381	11,277
Mathematics and applied mathematics	10,317	9,962	9,244	8,932	8,659	8,315	8,751	9,463
Statistics	1,929	1,827	1,607	1,565	1,555	1,555	1,630	1,814
Computer sciences	25,325	25,829	26,110	27,225	29,933	33,270	36,894	39,540
Agricultural sciences	8,169	7,716	7,497	7,316	7,263	6,935	6,892	7,045
Biological sciences	29,629	29,107	28,229	27,742	27,338	26,475	26,590	27,659
Anatomy	450	478	473	443	404	428	383	484
Biochemistry	3,148	2,987	2,926	2,919	2,835	2,735	2,694	2,780
Biology	7,377	7,482	7,359	7,064	6,846	6,401	6,163	6,377
Biometry/epidemiology	1,140	1,231	1,120	1,361	1,381	1,374	1,390	1,519
Biophysics	604	589	532	528	497	520	615	647
Botany	1,269	1,215	1,086	1,031	992	918	947	954
Cell biology	2,239	2,226	2,245	2,238	2,277	2,326	2,390	2,584
Ecology	920	855	842	840	823	846	909	928
Entomology/parasitology	827	810	751	754	739	662	690	699
Genetics	823	833	808	744	767	739	795	797
Microbiology, immunology, and virology	2,569	2,480	2,409	2,402	2,365	2,382	2,303	2,385
Nutrition	1,296	1,238	1,144	1,073	1,077	1,034	993	1,027
Pathology	890	847	842	776	776	702	742	707
Pharmacology	1,399	1,372	1,368	1,405	1,414	1,447	1,482	1,461
Physiology	1,482	1,396	1,364	1,265	1,185	1,133	1,056	1,082
Zoology	1,149	1,041	924	892	853	803	744	711
Biosciences, nec	2,047	2,027	2,036	2,007	2,107	2,025	2,294	2,517
Psychology	15,877	15,375	15,507	15,095	14,456	13,594	13,149	13,454
Clinical psychology	3,587	3,700	3,786	3,560	3,513	3,205	3,089	3,097
Psychology, general	5,645	5,187	5,372	5,251	4,851	4,597	4,554	4,483
Psychology, nec	6,645	6,488	6,349	6,284	6,092	5,792	5,506	5,874
Social sciences	47,226	45,700	43,608	41,992	41,644	40,089	41,019	42,623
Agricultural economics	1,555	1,407	1,355	1,315	1,299	1,290	1,326	1,343
Anthropology (cultural and social)	3,140	3,087	3,059	3,021	2,989	2,941	2,929	2,881
Economics (except agricultural)	8,797	8,297	7,585	7,237	7,063	6,983	7,413	7,741
Geography	2,786	2,770	2,662	2,663	2,547	2,409	2,503	2,567
History and philosophy of science	262	257	281	315	345	313	327	362
Linguistics	1,194	1,133	1,051	982	966	930	951	984
Political science	18,348	17,620	16,679	15,867	15,799	15,204	15,304	16,324
Sociology	3,781	3,640	3,591	3,362	3,227	3,072	3,080	3,178
Sociology/anthropology	387	382	377	335	271	282	308	266
Social sciences, nec	6,976	7,107	6,968	6,895	7,138	6,665	6,878	6,977

See explanatory information, if any, and SOURCE at end of table.

TABLE 11. Male graduate students in science, engineering, and health fields in all institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
Engineering	89,188	84,970	82,428	81,050	81,804	83,366	87,236	94,654
Aerospace engineering	2,992	2,856	2,712	2,755	2,926	2,938	2,966	3,169
Agricultural engineering	835	802	723	682	683	631	623	640
Biomedical engineering	2,006	1,999	2,021	2,035	2,117	2,171	2,385	2,849
Chemical engineering	5,885	5,757	5,568	5,366	5,150	5,181	5,084	5,419
Civil engineering	14,986	14,228	13,029	12,415	12,069	12,174	12,162	12,808
Electrical engineering	26,707	25,712	26,237	26,512	26,689	28,075	29,888	32,688
Engineering science	1,658	1,456	1,369	1,370	1,308	1,290	1,435	1,691
Industrial/manufacturing engineering	10,652	9,906	9,301	8,769	9,144	9,406	10,132	10,957
Mechanical engineering	14,686	13,873	13,266	12,934	13,168	13,403	13,908	15,032
Metallurgical/materials engineering	3,882	3,670	3,571	3,550	3,397	3,336	3,548	3,741
Mining engineering	331	317	285	249	273	241	204	230
Nuclear engineering	1,009	827	725	687	686	636	644	647
Petroleum engineering	539	502	484	516	560	540	565	659
Engineering, nec	3,020	3,065	3,137	3,210	3,634	3,344	3,692	4,124
Health	17,049	18,150	18,878	19,590	19,889	19,052	19,345	20,740
Medical fields	6,443	6,614	6,663	6,922	7,075	6,497	6,775	7,371
Anesthesiology	232	266	355	406	421	437	413	431
Cardiology	14	13	26	28	37	38	31	24
Endocrinology	21	24	24	33	35	29	25	28
Gastroenterology	0	0	1	6	2	8	1	1
Hematology	0	0	0	0	1	4	4	3
Neurology	900	949	987	1,058	1,086	1,090	1,123	1,330
Obstetrics and gynecology	4	3	9	8	6	10	15	9
Oncology/cancer research	97	96	89	97	113	109	119	86
Ophthalmology	12	12	14	14	19	27	23	106
Otorhinolaryngology	0	0	2	0	3	3	2	7
Pediatrics	40	54	59	55	55	90	53	66
Preventive medicine/community health	4,197	4,260	4,169	4,306	4,353	3,711	3,798	4,099
Psychiatry	45	51	39	21	23	34	65	69
Pulmonary disease	0	0	0	0	4	5	3	3
Radiology	217	182	177	164	162	140	156	156
Surgery	82	80	94	57	68	77	89	61
Clinical medicine, nec	582	624	618	669	687	685	855	892
Other health fields	10,606	11,536	12,215	12,668	12,814	12,555	12,570	13,369
Dental sciences	876	894	932	952	918	880	931	882
Nursing	1,661	1,765	2,036	2,159	2,261	2,195	2,258	2,559
Pharmaceutical sciences	1,524	1,523	1,423	1,518	1,732	1,764	1,820	2,121
Speech pathology/audiology	977	1,037	1,071	1,060	1,060	1,027	1,006	963
Veterinary sciences	512	531	608	609	578	607	610	675
Health related, nec	5,056	5,786	6,145	6,370	6,265	6,082	5,945	6,169

nec = not elsewhere classified.

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