

TABLE 26. Full-time students in graduate school for the first time, in science, engineering, and health fields in all institutions, by detailed field: 1997–2004

Field	1997	1998	1999	2000	2001	2002	2003	2004
All surveyed fields	89,177	90,828	92,214	94,340	98,112	104,190	107,715	106,324
Science and engineering	73,600	74,373	75,447	78,332	82,411	86,833	89,331	86,447
Science	54,752	55,112	54,934	56,141	59,105	62,226	64,902	64,462
Agricultural sciences	2,157	2,299	2,253	2,335	2,338	2,320	2,424	2,316
Biological sciences	11,053	11,335	10,959	10,955	11,608	12,133	12,719	12,763
Anatomy	175	180	161	198	159	199	178	180
Biochemistry	998	1,022	896	929	851	880	958	907
Biology	2,687	2,498	2,521	2,282	2,376	2,532	2,610	2,718
Biometry/epidemiology	656	815	825	837	953	1,001	1,022	986
Biophysics	133	158	118	128	162	166	223	210
Botany	366	409	363	357	315	335	307	336
Cell biology	859	903	867	977	993	1,085	1,125	1,140
Ecology	251	261	251	280	348	317	345	302
Entomology/parasitology	194	233	179	185	202	203	175	211
Genetics	441	397	427	380	382	362	373	441
Microbiology/immunology/virology	864	857	904	823	884	914	909	889
Nutrition	797	940	834	830	906	890	895	841
Pathology	350	279	320	276	320	294	256	277
Pharmacology	458	513	487	549	507	554	552	494
Physiology	633	654	608	570	615	633	760	738
Zoology	303	274	263	230	247	231	258	212
Biosciences, nec	888	942	935	1,124	1,388	1,537	1,773	1,881
Computer sciences	5,018	5,758	6,677	8,431	9,077	9,037	8,134	7,767
Earth, atmospheric, and ocean sciences	2,681	2,859	2,746	2,649	2,794	3,085	3,104	2,942
Atmospheric sciences	224	189	203	222	205	213	268	228
Geosciences	1,339	1,348	1,296	1,230	1,383	1,437	1,412	1,336
Oceanography	410	471	474	479	511	533	567	550
Earth/atmospheric/ocean sciences, nec	708	851	773	718	695	902	857	828
Mathematical sciences	3,302	3,334	3,271	3,419	3,686	3,918	4,185	4,243
Mathematics/applied mathematics	2,741	2,721	2,650	2,757	2,892	3,114	3,266	3,356
Statistics	561	613	621	662	794	804	919	887
Physical sciences	6,037	5,932	6,004	5,829	6,011	6,280	6,841	6,591
Astronomy	125	162	171	183	193	194	225	210
Chemistry	3,758	3,682	3,672	3,482	3,651	3,746	3,983	3,862
Physics	2,074	2,046	2,074	2,101	2,102	2,231	2,543	2,430
Physical sciences, nec	80	42	87	63	65	109	90	89
Psychology	8,800	8,590	8,305	7,545	7,691	8,420	8,858	9,455
Clinical psychology	2,059	2,001	1,992	1,829	1,731	1,898	1,986	2,251
Psychology, general	3,188	3,060	2,745	2,534	2,652	2,657	3,009	2,960
Psychology, nec	3,553	3,529	3,568	3,182	3,308	3,865	3,863	4,244
Social sciences	15,704	15,005	14,719	14,978	15,900	17,033	18,637	18,385
Agricultural economics	467	417	482	455	496	575	536	523
Anthropology (cultural/social)	1,196	1,219	1,193	1,157	1,119	1,177	1,279	1,180
Economics (except agricultural)	2,368	2,352	2,355	2,508	2,562	2,843	2,921	2,686
Geography	914	805	830	784	872	812	915	858
History and philosophy of science	79	89	91	78	72	97	107	107
Linguistics	579	493	422	454	495	466	588	574
Political science	5,264	4,953	4,837	5,142	5,562	6,241	6,950	7,340
Sociology	1,525	1,428	1,307	1,300	1,431	1,535	1,543	1,346
Sociology/anthropology	171	177	144	164	160	155	179	178
Social sciences, nec	3,141	3,072	3,058	2,936	3,131	3,132	3,619	3,593
Engineering	18,848	19,261	20,513	22,191	23,306	24,607	24,429	21,985

TABLE 26. Full-time students in graduate school for the first time, in science, engineering, and health fields in all institutions, by detailed field: 1997–2004

Field	1997	1998	1999	2000	2001	2002	2003	2004
Aerospace engineering	735	717	727	775	767	712	845	834
Agricultural engineering	165	155	202	177	187	187	187	177
Biomedical engineering	671	695	734	926	889	1,139	1,337	1,277
Chemical engineering	1,467	1,503	1,491	1,595	1,541	1,616	1,600	1,392
Civil engineering	3,792	3,785	3,726	3,840	3,820	4,107	4,363	4,131
Electrical engineering	5,548	5,741	6,369	7,195	7,882	8,221	7,834	6,633
Engineering science	274	308	255	299	339	404	392	361
Industrial engineering	1,549	1,547	1,851	2,005	2,216	2,238	2,029	1,717
Mechanical engineering	2,829	2,923	3,119	3,269	3,583	3,709	3,476	3,139
Metallurgical/materials engineering	870	900	892	1,005	975	1,044	958	924
Mining engineering	73	44	45	48	40	41	73	64
Nuclear engineering	178	153	150	163	164	149	177	192
Petroleum engineering	121	132	149	149	153	198	166	151
Engineering, nec	576	658	803	745	750	842	992	993
Health	15,577	16,455	16,767	16,008	15,701	17,357	18,384	19,877
Medical fields	3,527	3,896	3,921	3,871	4,099	4,495	4,727	4,737
Anesthesiology	274	226	219	263	269	215	246	186
Cardiology	4	6	7	6	4	5	4	14
Endocrinology	6	6	7	2	4	12	9	4
Gastroenterology	0	0	0	2	0	0	6	4
Hematology	1	1	2	3	0	2	4	3
Neurology	345	376	345	341	366	443	452	426
Obstetrics/gynecology	3	1	0	2	2	5	0	3
Oncology/cancer research	32	50	44	38	45	46	30	52
Ophthalmology	5	4	2	4	12	1	60	76
Otorhinolaryngology	0	0	0	3	1	0	0	1
Pediatrics	141	111	114	151	132	134	131	125
Preventive medicine/community health	2,190	2,660	2,773	2,621	2,786	2,958	3,082	3,120
Psychiatry	25	20	16	28	18	25	27	41
Pulmonary disease	0	0	3	2	3	1	0	0
Radiology	47	48	41	31	61	59	55	49
Surgery	48	36	40	30	9	11	7	7
Clinical medicine, nec	406	351	308	344	387	578	614	626
Other health	12,050	12,559	12,846	12,137	11,602	12,862	13,657	15,140
Dental sciences	383	399	350	381	382	387	396	379
Nursing	2,867	2,808	2,955	2,700	2,442	2,799	3,083	3,317
Pharmaceutical sciences	486	548	597	605	521	513	537	1,013
Speech pathology/audiology	3,783	3,979	3,974	3,863	3,814	3,902	4,110	4,360
Veterinary sciences	135	204	169	270	359	385	374	324
Health related, nec	4,396	4,621	4,801	4,318	4,084	4,876	5,157	5,747

nec = not elsewhere classified.

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