

TABLE 43. Full-time graduate science, engineering, and health students with U.S. citizenship or permanent resident status in doctorate-granting institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
All surveyed fields	220,594	219,128	216,067	213,942	213,958	208,739	212,821	226,051
Science and engineering	187,917	184,916	180,108	176,562	174,693	170,049	173,839	185,259
Science	150,811	149,682	146,451	144,319	143,509	139,831	142,954	151,382
Physical sciences	17,916	17,196	16,369	16,098	15,913	15,249	15,397	15,939
Astronomy	646	642	584	581	574	564	589	651
Chemistry	10,637	10,460	10,100	9,963	10,037	9,640	9,678	9,770
Physics	6,501	5,976	5,591	5,470	5,187	4,923	5,002	5,347
Physical sciences, nec	132	118	94	84	115	122	128	171
Earth, atmosphere, and ocean science	8,167	7,911	7,769	7,855	7,853	7,728	7,576	8,109
Atmospheric sciences	708	709	684	622	534	559	545	623
Geosciences	4,224	4,115	4,074	3,960	3,993	3,950	3,857	3,979
Oceanography	1,605	1,531	1,455	1,523	1,613	1,629	1,527	1,653
Earth, atmosphere, and ocean science, nec	1,630	1,556	1,556	1,750	1,713	1,590	1,647	1,854
Mathematical sciences	7,762	7,376	6,822	6,638	6,138	5,940	6,239	6,923
Mathematics and applied mathematics	6,456	6,071	5,676	5,518	5,156	4,970	5,285	5,849
Statistics	1,306	1,305	1,146	1,120	982	970	954	1,074
Computer sciences	7,855	7,557	7,561	7,902	8,564	8,173	9,048	10,964
Agricultural sciences	6,569	6,494	6,526	6,431	6,674	6,808	6,704	6,850
Biological sciences	35,147	35,212	34,677	34,666	34,943	34,391	35,184	37,127
Anatomy	593	645	636	584	561	580	506	681
Biochemistry	3,594	3,513	3,417	3,451	3,393	3,160	3,102	3,326
Biology	6,925	6,954	7,153	6,980	6,878	6,752	6,818	7,115
Biometry/epidemiology	1,585	1,686	1,557	1,962	1,988	1,867	1,974	2,059
Biophysics	602	632	558	545	530	519	580	609
Botany	1,364	1,353	1,249	1,234	1,208	1,162	1,170	1,219
Cell biology	3,115	3,139	3,145	3,197	3,421	3,421	3,427	3,728
Ecology	1,133	1,110	1,040	1,058	1,074	1,064	1,191	1,207
Entomology/parasitology	709	742	736	734	693	714	742	745
Genetics	1,240	1,250	1,247	1,227	1,266	1,237	1,273	1,368
Microbiology, immunology, and virology	3,512	3,475	3,427	3,466	3,571	3,605	3,527	3,709
Nutrition	2,160	2,289	2,180	2,075	2,103	2,047	2,099	2,175
Pathology	1,032	1,022	1,139	1,049	1,068	1,004	1,065	1,050
Pharmacology	2,007	1,950	1,920	1,991	1,999	1,985	2,104	2,159
Physiology	1,867	1,797	1,701	1,573	1,443	1,432	1,396	1,482
Zoology	1,412	1,320	1,234	1,168	1,155	1,070	1,047	974
Biosciences, nec	2,297	2,335	2,338	2,372	2,592	2,772	3,163	3,521
Psychology	26,843	27,092	27,336	27,088	26,856	26,509	26,603	26,996
Clinical psychology	7,926	8,437	8,730	8,756	8,842	8,610	8,711	8,293
Psychology, general	8,845	8,200	8,689	8,640	8,244	8,212	8,187	8,023
Psychology, nec	10,072	10,455	9,917	9,692	9,770	9,687	9,705	10,680
Social sciences	40,552	40,844	39,391	37,641	36,568	35,033	36,203	38,474
Agricultural economics	1,056	962	881	884	878	874	917	999
Anthropology (cultural and social)	5,101	5,296	5,055	4,940	4,918	4,774	4,804	4,921
Economics (except agricultural)	4,866	4,500	3,916	3,780	3,348	3,239	3,350	3,492
Geography	2,314	2,344	2,287	2,190	2,086	1,943	2,131	2,102
History and philosophy of science	296	299	313	326	357	307	306	299
Linguistics	1,517	1,577	1,503	1,357	1,278	1,190	1,223	1,296
Political science	13,438	13,218	12,712	11,999	11,596	11,284	11,550	13,039
Sociology	5,378	5,263	5,250	5,028	4,885	4,717	4,807	4,937
Sociology/anthropology	534	511	543	506	444	448	489	489
Social sciences, nec	6,052	6,874	6,931	6,631	6,778	6,257	6,626	6,900

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

TABLE 43. Full-time graduate science, engineering, and health students with U.S. citizenship or permanent resident status in doctorate-granting institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
Engineering	37,106	35,234	33,657	32,243	31,184	30,218	30,885	33,877
Aerospace engineering	1,592	1,402	1,312	1,257	1,270	1,353	1,277	1,421
Agricultural engineering	414	393	397	398	398	373	392	405
Biomedical engineering	1,623	1,657	1,767	1,821	1,915	1,972	2,110	2,456
Chemical engineering	3,271	3,352	3,241	3,037	2,809	2,779	2,608	2,836
Civil engineering	7,241	7,139	6,765	6,584	6,245	6,170	6,137	6,533
Electrical engineering	8,983	8,415	8,175	7,748	7,234	6,899	7,401	8,076
Engineering science	823	628	618	626	561	513	555	683
Industrial/manufacturing engineering	2,714	2,411	2,329	2,153	2,351	2,239	2,060	2,477
Mechanical engineering	6,418	5,868	5,417	5,117	4,911	4,559	4,735	5,061
Metallurgical/materials engineering	2,147	1,956	1,885	1,856	1,668	1,614	1,742	1,833
Mining engineering	115	149	154	161	162	87	93	107
Nuclear engineering	536	487	434	389	343	348	314	340
Petroleum engineering	133	121	76	59	75	184	195	235
Engineering, nec	1,096	1,256	1,087	1,037	1,242	1,128	1,266	1,414
Health	32,677	34,212	35,959	37,380	39,265	38,690	38,982	40,792
Medical fields	8,303	8,226	8,527	9,357	9,819	9,459	9,669	10,379
Anesthesiology	454	574	566	583	574	559	561	529
Cardiology	9	7	9	23	45	39	34	24
Endocrinology	25	24	22	41	49	42	33	41
Gastroenterology	0	0	0	6	7	13	6	6
Hematology	1	3	3	1	3	2	6	6
Neurology	1,270	1,332	1,437	1,535	1,592	1,607	1,715	2,034
Obstetrics and gynecology	5	1	18	10	8	12	18	16
Oncology/cancer research	139	126	159	175	196	185	199	189
Ophthalmology	10	14	15	6	15	25	24	124
Otorhinolaryngology	0	0	2	0	1	8	4	8
Pediatrics	184	205	251	237	253	319	279	312
Preventive medicine/community health	5,122	4,898	4,896	5,657	5,917	5,435	5,347	5,537
Psychiatry	93	63	79	39	47	83	122	123
Pulmonary disease	0	0	0	0	6	7	8	3
Radiology	175	150	160	132	139	124	134	128
Surgery	154	153	152	104	106	119	90	63
Clinical medicine, nec	662	676	758	808	861	880	1,089	1,236
Other health fields	24,374	25,986	27,432	28,023	29,446	29,231	29,313	30,413
Dental sciences	890	869	961	967	954	965	1,028	999
Nursing	6,884	6,916	7,207	7,023	7,714	7,322	7,489	8,311
Pharmaceutical sciences	1,188	1,166	1,162	1,155	1,474	1,499	1,420	1,143
Speech pathology/audiology	6,231	6,633	6,974	7,090	7,357	7,371	7,363	7,389
Veterinary sciences	507	488	735	777	749	847	899	1,060
Health related, nec	8,674	9,914	10,393	11,011	11,198	11,227	11,114	11,511

nec = not elsewhere classified.

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