

TABLE 37. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
All surveyed fields	304,823	303,734	302,061	302,033	308,684	315,088	329,706	352,764
Science and engineering	268,586	265,616	262,241	260,739	265,176	271,978	285,827	306,309
Science	202,936	201,694	198,361	197,035	199,172	201,408	210,251	223,223
Physical sciences	28,186	27,268	26,242	25,762	26,128	26,029	26,771	28,173
Astronomy	871	854	768	787	808	823	860	946
Chemistry	16,307	16,046	15,557	15,302	15,585	15,307	15,774	16,519
Physics	10,834	10,221	9,795	9,552	9,555	9,704	9,920	10,452
Physical sciences, nec	174	147	122	121	180	195	217	256
Earth, atmosphere, and ocean science	10,717	10,277	9,966	10,004	10,029	10,101	10,014	10,606
Atmospheric sciences	956	977	964	854	791	842	811	915
Geosciences	5,610	5,407	5,242	5,070	5,093	5,128	5,078	5,232
Oceanography	2,183	2,038	1,924	2,005	2,074	2,117	2,003	2,104
Earth, atmosphere, and ocean science, nec	1,968	1,855	1,836	2,075	2,071	2,014	2,122	2,355
Mathematical sciences	12,725	12,302	11,528	11,124	11,137	11,138	11,961	13,080
Mathematics and applied mathematics	10,468	10,068	9,463	9,104	9,031	8,919	9,532	10,412
Statistics	2,257	2,234	2,065	2,020	2,106	2,219	2,429	2,668
Computer sciences	15,159	15,588	16,528	17,904	20,073	23,177	26,965	29,715
Agricultural sciences	9,350	9,074	8,906	8,687	8,849	8,880	8,891	9,121
Biological sciences	46,061	45,497	44,702	44,922	45,017	45,091	46,484	49,703
Anatomy	774	810	797	733	708	752	675	865
Biochemistry	5,173	4,955	4,782	4,846	4,778	4,699	4,617	4,953
Biology	8,509	8,529	8,828	8,673	8,482	8,434	8,593	9,147
Biometry/epidemiology	2,083	2,152	1,993	2,566	2,642	2,562	2,736	3,012
Biophysics	800	807	728	707	681	719	837	896
Botany	1,930	1,917	1,800	1,799	1,757	1,700	1,716	1,789
Cell biology	3,973	3,978	3,966	4,026	4,243	4,384	4,498	4,928
Ecology	1,294	1,253	1,171	1,192	1,230	1,224	1,364	1,396
Entomology/parasitology	1,041	1,027	995	1,000	971	979	989	1,001
Genetics	1,582	1,615	1,632	1,596	1,633	1,597	1,686	1,770
Microbiology, immunology, and virology	4,627	4,484	4,365	4,370	4,471	4,497	4,495	4,866
Nutrition	3,268	3,295	3,127	2,984	2,985	2,975	3,091	3,187
Pathology	1,350	1,339	1,418	1,327	1,351	1,291	1,348	1,340
Pharmacology	2,539	2,510	2,461	2,550	2,551	2,595	2,721	2,812
Physiology	2,376	2,217	2,102	1,990	1,876	1,856	1,811	1,917
Zoology	1,632	1,523	1,410	1,328	1,287	1,234	1,229	1,173
Biosciences, nec	3,110	3,086	3,127	3,235	3,371	3,593	4,078	4,651
Psychology	28,336	28,557	28,836	28,701	28,461	28,228	28,474	28,978
Clinical psychology	8,151	8,671	8,981	9,046	9,141	8,915	9,044	8,669
Psychology, general	9,395	8,700	9,199	9,180	8,797	8,879	8,916	8,754
Psychology, nec	10,790	11,186	10,656	10,475	10,523	10,434	10,514	11,555
Social sciences	52,402	53,131	51,653	49,931	49,478	48,764	50,691	53,847
Agricultural economics	1,948	1,759	1,697	1,670	1,685	1,777	1,865	1,972
Anthropology (cultural and social)	5,679	5,882	5,647	5,570	5,611	5,453	5,450	5,614
Economics (except agricultural)	9,382	9,232	8,542	8,287	8,108	8,308	8,928	9,327
Geography	2,704	2,735	2,714	2,672	2,573	2,470	2,738	2,712
History and philosophy of science	340	348	377	385	412	373	372	364
Linguistics	2,382	2,433	2,332	2,196	2,107	2,037	2,088	2,134
Political science	15,966	16,045	15,431	14,811	14,761	14,615	14,971	16,834
Sociology	6,270	6,160	6,192	5,939	5,862	5,772	5,861	6,067
Sociology/anthropology	607	576	613	593	507	515	560	549
Social sciences, nec	7,124	7,961	8,108	7,808	7,852	7,444	7,858	8,274

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

TABLE 37. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
Engineering	65,650	63,922	63,880	63,704	66,004	70,570	75,576	83,086
Aerospace engineering	2,668	2,545	2,505	2,544	2,623	2,740	2,799	2,970
Agricultural engineering	859	799	748	756	767	706	758	769
Biomedical engineering	2,277	2,281	2,411	2,475	2,708	2,841	3,156	3,856
Chemical engineering	5,917	5,865	5,750	5,597	5,554	5,839	5,796	6,239
Civil engineering	11,762	11,368	11,038	10,800	10,900	11,525	11,839	12,706
Electrical engineering	17,568	17,463	18,354	18,942	19,805	22,185	24,418	27,257
Engineering science	1,241	1,054	1,016	1,111	1,027	1,086	1,207	1,424
Industrial/manufacturing engineering	5,123	4,976	4,955	4,746	5,341	5,927	6,369	6,996
Mechanical engineering	10,914	10,414	10,174	9,900	10,092	10,642	11,253	12,280
Metallurgical/materials engineering	3,864	3,687	3,646	3,684	3,514	3,568	3,942	4,207
Mining engineering	260	261	260	217	252	182	185	198
Nuclear engineering	883	771	708	662	641	660	651	655
Petroleum engineering	437	435	457	478	523	513	535	644
Engineering, nec	1,877	2,003	1,858	1,792	2,257	2,156	2,668	2,885
Health	36,237	38,118	39,820	41,294	43,508	43,110	43,879	46,455
Medical fields	9,526	9,534	9,733	10,623	11,259	10,781	11,389	12,604
Anesthesiology	458	577	568	591	575	561	562	531
Cardiology	19	18	32	36	62	53	50	42
Endocrinology	51	46	41	58	66	55	51	59
Gastroenterology	0	0	3	6	7	14	7	7
Hematology	1	3	3	1	3	6	6	8
Neurology	1,511	1,599	1,650	1,773	1,853	1,922	2,072	2,456
Obstetrics and gynecology	6	4	18	10	9	13	18	18
Oncology/cancer research	180	182	193	206	245	225	246	229
Ophthalmology	20	17	20	21	31	41	33	166
Otorhinolaryngology	0	0	2	0	3	8	4	8
Pediatrics	205	220	275	260	276	351	316	363
Preventive medicine/community health	5,855	5,709	5,681	6,479	6,849	6,190	6,423	6,958
Psychiatry	96	70	80	40	50	85	123	127
Pulmonary disease	0	0	0	0	6	7	8	4
Radiology	225	189	198	160	168	151	167	178
Surgery	160	157	157	109	113	128	97	65
Clinical medicine, nec	739	743	812	873	943	971	1,206	1,385
Other health fields	26,711	28,584	30,087	30,671	32,249	32,329	32,490	33,851
Dental sciences	1,150	1,178	1,290	1,284	1,226	1,301	1,322	1,317
Nursing	7,168	7,158	7,501	7,322	8,052	7,646	7,777	8,641
Pharmaceutical sciences	2,138	2,214	2,219	2,197	2,521	2,692	2,650	2,454
Speech pathology/audiology	6,473	6,899	7,244	7,370	7,651	7,676	7,695	7,712
Veterinary sciences	758	769	1,015	1,036	1,031	1,154	1,225	1,397
Health related, nec	9,024	10,366	10,818	11,462	11,768	11,860	11,821	12,330

nec = not elsewhere classified.

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