

TABLE 32. 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	434,462	429,971	424,693	424,025	431,011	433,280	452,321	482,211
Science and engineering	371,017	365,584	359,413	357,839	362,952	366,705	384,336	409,339
Science	271,514	269,485	264,887	263,918	267,619	268,313	280,903	296,876
Physical sciences	31,701	30,772	29,629	29,195	29,451	29,258	30,027	31,316
Astronomy	912	874	778	820	832	888	916	990
Chemistry	18,477	18,283	17,744	17,459	17,586	17,332	17,674	18,357
Physics	12,046	11,382	10,901	10,607	10,643	10,645	11,048	11,467
Physical sciences, nec	266	233	206	309	390	393	389	502
Earth, atmosphere, and ocean science	14,073	13,717	13,024	12,890	12,790	12,708	12,622	13,077
Atmospheric sciences	1,062	1,079	1,081	954	906	956	918	1,027
Geosciences	7,137	6,892	6,567	6,319	6,265	6,246	6,175	6,317
Oceanography	2,549	2,462	2,313	2,395	2,458	2,486	2,405	2,518
Earth, atmosphere, and ocean science, nec	3,325	3,284	3,063	3,222	3,161	3,020	3,124	3,215
Mathematical sciences	16,309	15,883	14,788	14,482	14,188	13,827	15,068	16,371
Mathematics and applied mathematics	13,272	12,876	12,146	11,881	11,503	11,048	12,070	13,021
Statistics	3,037	3,007	2,642	2,601	2,685	2,779	2,998	3,350
Computer sciences	28,133	29,050	30,130	31,721	35,076	39,472	43,906	47,551
Agricultural sciences	11,894	11,473	11,388	11,267	11,440	11,211	11,349	11,769
Biological sciences	53,422	53,146	52,400	52,494	52,700	52,328	53,924	57,191
Anatomy	850	878	856	785	749	795	735	951
Biochemistry	5,503	5,212	5,049	5,095	5,060	4,925	4,855	5,171
Biology	10,861	11,213	11,497	11,255	11,000	10,627	10,771	11,233
Biometry/epidemiology	2,810	3,005	2,896	3,514	3,704	3,615	3,817	4,071
Biophysics	845	833	748	737	710	751	877	953
Botany	2,291	2,210	2,076	2,033	1,965	1,894	1,913	1,966
Cell biology	4,158	4,181	4,126	4,202	4,453	4,622	4,726	5,187
Ecology	1,530	1,514	1,514	1,535	1,576	1,609	1,746	1,787
Entomology/parasitology	1,241	1,234	1,161	1,168	1,145	1,104	1,170	1,191
Genetics	1,663	1,691	1,729	1,682	1,730	1,655	1,776	1,841
Microbiology, immunology, and virology	4,999	4,886	4,780	4,751	4,795	4,799	4,785	5,159
Nutrition	4,350	4,345	4,224	4,081	4,052	4,089	4,086	4,202
Pathology	1,575	1,583	1,621	1,514	1,509	1,462	1,563	1,613
Pharmacology	2,710	2,663	2,597	2,711	2,729	2,931	3,110	3,209
Physiology	2,540	2,377	2,298	2,151	2,064	1,993	1,944	2,053
Zoology	1,953	1,804	1,620	1,580	1,519	1,443	1,409	1,347
Biosciences, nec	3,543	3,517	3,608	3,700	3,940	4,014	4,641	5,257
Psychology	38,862	38,498	39,158	39,367	38,988	37,740	39,339	40,840
Clinical psychology	10,842	11,116	11,509	11,390	11,427	11,047	11,335	11,141
Psychology, general	11,928	11,096	11,690	11,719	11,161	10,977	11,737	11,620
Psychology, nec	16,092	16,286	15,959	16,258	16,400	15,716	16,267	18,079
Social sciences	77,120	76,946	74,370	72,502	72,986	71,769	74,668	78,761
Agricultural economics	2,292	2,085	2,015	1,992	2,011	2,076	2,153	2,181
Anthropology (cultural and social)	7,439	7,512	7,260	7,239	7,255	7,266	7,183	7,196
Economics (except agricultural)	11,885	11,369	10,507	10,109	9,993	10,178	10,874	11,318
Geography	3,742	3,788	3,759	3,767	3,712	3,572	3,923	3,951
History and philosophy of science	401	409	443	449	503	472	496	472
Linguistics	2,857	2,848	2,793	2,662	2,570	2,456	2,505	2,564
Political science	28,117	27,445	26,004	25,163	25,550	25,451	26,521	29,391
Sociology	8,300	8,199	8,174	7,799	7,788	7,629	7,774	7,862
Sociology/anthropology	823	830	855	835	719	728	788	710
Social sciences, nec	11,264	12,461	12,560	12,487	12,885	11,941	12,451	13,116

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

TABLE 32. 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	99,503	96,099	94,526	93,921	95,333	98,392	103,433	112,463
Aerospace engineering	3,287	3,140	3,029	3,096	3,290	3,337	3,396	3,627
Agricultural engineering	1,037	1,012	941	925	934	899	907	912
Biomedical engineering	2,662	2,685	2,785	2,850	3,069	3,188	3,574	4,319
Chemical engineering	7,311	7,267	7,166	7,007	6,794	6,993	6,823	7,267
Civil engineering	17,744	17,193	16,064	15,548	15,348	15,764	15,899	16,888
Electrical engineering	27,965	27,233	28,209	28,991	29,423	31,199	33,640	37,055
Engineering science	1,945	1,741	1,636	1,685	1,604	1,601	1,759	1,985
Industrial/manufacturing engineering	12,257	11,569	10,888	10,288	10,945	11,351	12,076	13,262
Mechanical engineering	15,556	14,688	14,266	13,967	14,106	14,575	15,153	16,346
Metallurgical/materials engineering	4,821	4,643	4,572	4,576	4,383	4,298	4,642	4,911
Mining engineering	362	351	333	290	320	276	229	256
Nuclear engineering	1,154	980	868	821	830	792	801	795
Petroleum engineering	568	545	557	567	630	621	652	759
Engineering, nec	2,834	3,052	3,212	3,310	3,657	3,498	3,882	4,081
Health	63,445	64,387	65,280	66,186	68,059	66,575	67,985	72,872
Medical fields	14,602	14,530	14,501	15,766	16,474	15,684	16,561	17,993
Anesthesiology	529	647	616	650	642	623	672	671
Cardiology	19	18	33	36	63	53	50	43
Endocrinology	53	46	43	58	67	57	53	60
Gastroenterology	0	0	3	6	7	14	7	7
Hematology	1	3	3	1	5	6	6	13
Neurology	1,571	1,653	1,717	1,825	1,907	1,982	2,136	2,513
Obstetrics and gynecology	6	4	18	13	16	16	28	23
Oncology/cancer research	189	185	198	209	250	239	261	231
Ophthalmology	26	31	30	31	49	58	46	181
Otorhinolaryngology	0	0	2	0	3	9	4	8
Pediatrics	238	275	342	328	316	403	380	463
Preventive medicine/community health	10,457	10,146	9,966	11,139	11,600	10,528	10,779	11,463
Psychiatry	158	131	135	86	87	141	229	268
Pulmonary disease	0	0	0	0	6	7	8	5
Radiology	268	227	221	191	187	168	198	217
Surgery	174	167	171	122	122	147	130	86
Clinical medicine, nec	913	997	1,003	1,071	1,147	1,233	1,574	1,741
Other health fields	48,843	49,857	50,779	50,420	51,585	50,891	51,424	54,879
Dental sciences	1,338	1,388	1,491	1,518	1,467	1,430	1,494	1,446
Nursing	23,192	21,953	21,699	20,297	20,469	19,293	19,350	20,370
Pharmaceutical sciences	2,786	2,818	2,694	2,782	3,296	3,488	3,528	4,445
Speech pathology/audiology	8,415	8,925	9,343	9,397	9,551	9,791	9,750	10,038
Veterinary sciences	961	983	1,209	1,270	1,292	1,367	1,454	1,667
Health related, nec	12,151	13,790	14,343	15,156	15,510	15,522	15,848	16,913

nec = not elsewhere classified.

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