

Table 17. Full-time graduate science, engineering, and health students in doctorate-granting institutions, by department and racial/ethnic background: 1999

Field	Total	Black non-Hispanic	American Indian/Alaskan Native	Asian/Pacific islander	Hispanic	White non-Hispanic	Other or unknown	Students with temporary visas
Total, all departments	309,466	11,774	1,149	19,634	11,707	160,882	9,403	94,917
Biological sciences, total	45,442	1,522	136	3,768	1,671	26,527	1,625	10,193
Anatomy	871	32	3	80	26	523	18	189
Biochemistry	4,797	123	6	494	142	2,511	132	1,389
Biology	8,565	349	30	509	399	5,253	386	1,639
Biometry/epidemiology	2,604	129	3	289	114	1,297	124	648
Biophysics	681	16	0	98	17	362	37	151
Botany	1,949	32	4	71	39	1,158	50	595
Cell biology	4,009	95	8	433	140	2,385	171	777
Ecology	1,220	10	5	32	28	956	33	156
Entomology/parasitology	971	15	0	17	24	619	18	278
Genetics	1,620	40	4	150	55	916	92	363
Microbiology	4,542	179	14	398	192	2,586	249	924
Nutrition	2,986	145	11	156	111	1,642	40	881
Pathology	1,351	36	7	162	47	763	53	283
Pharmacology	2,551	122	12	268	85	1,472	40	552
Physiology	1,876	72	8	260	74	975	54	433
Zoology	1,378	13	4	45	26	1,116	35	139
Biosciences, n.e.c.	3,471	114	17	306	152	1,993	93	796
Health sciences, total	43,599	2,422	236	3,242	2,293	29,847	1,393	4,166
Clinical medicine, total	11,172	837	75	1,310	852	6,184	504	1,410
Anesthesiology	576	25	3	15	7	498	27	1
Cancer/oncology	245	8	2	27	6	152	1	49
Cardiology	62	1	0	20	2	22	0	17
Endocrinology	66	2	0	20	1	23	3	17
Gastroenterology	7	0	2	0	0	5	0	0
Hematology	3	0	0	1	0	2	0	0
Neurology	1,834	50	11	169	77	1,168	102	257
Obstetrics/gynecology	9	1	0	3	0	4	0	1
Ophthalmology	31	0	0	4	0	11	0	16
Otorhinolaryngology	3	0	0	0	0	1	0	2
Pediatrics/child health	276	30	1	20	14	182	6	23
Preventive medicine/								
community health	6,770	668	49	833	661	3,386	269	904
Psychiatry	50	2	1	3	1	38	2	3
Pulmonary disease	6	1	0	2	0	3	0	0
Radiology	168	1	0	24	5	101	8	29
Surgery	113	3	0	20	2	79	2	7
Clinical medicine, n.e.c.	953	45	6	149	76	509	84	84
Other health related, total	32,427	1,585	161	1,932	1,441	23,663	889	2,756
Dentistry	1,161	26	0	137	63	690	10	235
Nursing	8,065	522	67	355	389	6,189	204	339
Pharmaceutical sciences	2,521	107	8	302	132	895	30	1,047
Speech pathology/audiology	7,791	322	31	191	297	6,481	190	279
Veterinary sciences	957	20	7	19	21	617	15	258
Health related, n.e.c.	11,932	588	48	928	539	8,791	440	598
Psychology	28,615	1,726	178	1,265	2,035	20,551	1,256	1,604
Clinical	9,089	492	64	437	908	6,503	389	296
Nonclinical	10,571	697	58	440	730	7,457	435	754
Psychology, n.e.c.	8,955	537	56	388	397	6,591	432	554
Social sciences (except psychology)	49,482	2,996	299	2,070	2,308	27,141	1,768	12,900
Engineering	66,083	1,491	109	4,680	1,582	21,829	1,467	34,925
Biomedical engineering	2,708	89	8	278	72	1,395	73	793
Other engineering	63,375	1,402	101	4,402	1,510	20,434	1,394	34,132
Physical sciences	26,159	634	61	1,336	722	12,592	605	10,209
Chemistry	15,615	462	47	845	519	7,879	323	5,540
Physics	9,556	157	12	443	180	4,135	259	4,370
Other physical sciences	988	15	2	48	23	578	23	299
Environmental sciences	10,057	127	41	275	282	6,835	310	2,187
Mathematical and computer sciences	31,361	745	45	2,782	502	9,888	805	16,594
Agricultural sciences	8,668	111	44	216	312	5,672	174	2,139

KEY: n.e.c. = Not elsewhere classified

SOURCE: NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering