Table 16. All 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	432,657	19,401	1,667	27,689	17,170	239,753	16,882	110,095
Biological sciences, total	53,336	1,955	171	4,215	1,977	31,839	2,090	11,089
Anatomy	913	35	3	80	27	554	19	195
Biochemistry	5,079	139	6	526	150	2,665	138	1,455
Biology	11,149	538	45	637	513	6,914	630	1,872
Biometry/epidemiology	3,575	188	5	377	155	1,939	176	735
Biophysics	710	17	1	100	17	383	38	154
Botany	2,252	54	4	77	49	1,362	59	647
Cell biology	4,218	104	9	446	149	2,508	175	827
Ecology	1,559	17	5	41	37	1,253	35	171
Entomology/parasitology	1,145	17	1	19	27	757	22	302
Genetics	1,714	50	4	156	56	978	95	375
Microbiology	4,890	191	16	417	203	2,828	266	969
Nutrition	4,143	196	15	203	161	2,456	76	1,036
Pathology	1,509	46	7	171	51	876	63	295
Pharmacology	2,729	129	14	287	91	1,589	50	569
Physiology	2,064	78	8	276	84	1,101	63	454
Zoology	1,610	16	7	50	31	1,301	39	166
Biosciences, n.e.c.	4,077	140	21	352	176	2,375	146	867
Health sciences, total	68,254	4,112	367	4,498	3,321	48,161	2,527	5,268
Clinical medicine, total	16,442	1,375	109	1,743	1,185	9,430	726	1,874
Anesthesiology	643	27	3	19	8	557	28	1
Cancer/oncology	250	8	2	27	6	154	1	52
Cardiology	63	1	0	20	2	23	0	17
Endocrinology	67	2	0	20	1	24	3	17
Gastroenterology	7	0	2	0	0	5	0	0
Hematology	5	0	0	1	0	4	0	0
Neurology	1,888	53	11	173	78	1,202	107	264
Obstetrics/gynecology	16	1	0	3	0	11	0	1
Ophthalmology	49	0	0	11	0	21	0	17
Otorhinolaryngology	3	0	0	0	0	1	0	2
Pediatrics/child health	316	31	2	20	15	209	15	24
Preventive medicine/ community health	11,559	1,185	80	1,226	972	6,311	454	1,331
Psychiatry	87	3	1	5	1	72	2	3
Pulmonary disease	6	1	0	2	0	3	0	0
Radiology	187	3	0	25	5	113	9	32
Surgery	122	3	1	20	2	86	2	8
Clinical medicine, n.e.c.	1,174	57	7	171	95	634	105	105
Other health related, total	51,812	2,737	258	2,755	2,136	38,731	1,801	3,394
Dentistry	1,383	33	1	168	75	828	13	265
Nursing	20,488	1,287	140	782	752	16,292	728	507
Pharmaceutical sciences	3,296	141	9	436	179	1,240	49	1,242
Speech pathology/audiology	9,728	418	41	225	409	7,976	329	330
Veterinary sciences	1,194	27	8	23	27	762	22	325
Health related, n.e.c.	15,723	831	59	1,121	694	11,633	660	725
Psychology	39,328	2,481	235	1,627	2,762	28,202	2,003	2,018
Clinical	11,410	636	86	521	1,085	8,144	575	363
Nonclinical	16,527	1,160	81	622	1,132	11,656	860	1,016
Psychology, n.e.c.	11,391	685	68	484	545	8,402	568	639
Social sciences (except psychology)	73,110	5,456	431	2,815	3,859	42,373	3,225	14,951
Engineering	95,487	2,665	205	7,069	2,659	39,262	3,352	40,275
Biomedical engineering	3,069	104	8	305	86	1,621	84	861
Other engineering	92,418	2,561	197	6,764	2,573	37,641	3,268	39,414
Physical sciences	29,487	770	65	1,540	844	14,444	897	10,927
Chemistry	17,622	546	50	1,006	596	9,024	460	5,940
Physics	10,643	207	12	479	218	4,739	313	4,675
Other physical sciences	1,222	17	3	55	30	681	124	312
Environmental sciences	12,811	184	56	342	343	9,031	395	2,460
Mathematical and computer sciences	49,694	1,616	78	5,317	1,023	18,835	2,173	20,652
Agricultural sciences	11,150	162	59	266	382	7,606	220	2,455

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

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