

Table 5. Full-time graduate fellows in science, engineering, and health fields in doctorate-granting institutions, by department and primary source of support: 1999

Field	Total	Dept. of Defense	NIH	Other HHS	NSF	Other Federal	Institutional support	Foreign sources	Other U.S. sources	Self support
Total, all departments	29,545	537	1,508	303	2,480	2,386	17,014	1,647	3,670	N/A
Biological sciences, total	5,785	110	883	57	514	311	3,155	190	565	N/A
Anatomy	147	16	20	0	5	4	90	7	5	N/A
Biochemistry	674	7	86	8	51	33	377	15	97	N/A
Biology	896	8	81	4	144	56	503	22	78	N/A
Biometry/epidemiology	229	3	69	3	2	10	118	9	15	N/A
Biophysics	120	2	17	0	14	4	59	5	19	N/A
Botany	165	0	2	0	48	23	64	16	12	N/A
Cell biology	749	21	184	2	61	22	331	14	114	N/A
Ecology	192	1	1	0	44	29	101	6	10	N/A
Entomology/parasitology	57	1	2	3	3	8	25	8	7	N/A
Genetics	254	4	61	1	17	21	109	21	20	N/A
Microbiology	695	12	131	5	24	25	442	14	42	N/A
Nutrition	123	1	9	5	0	33	57	13	5	N/A
Pathology	213	8	65	12	2	7	102	11	6	N/A
Pharmacology	384	20	95	1	7	7	186	11	57	N/A
Physiology	199	5	31	12	6	5	102	9	29	N/A
Zoology	148	0	1	1	54	13	64	1	14	N/A
Biosciences, n.e.c.	540	1	28	0	32	11	425	8	35	N/A
Health sciences, total	2,635	54	349	133	75	126	1,310	162	426	N/A
Clinical medicine, total	1,172	34	214	41	60	58	522	65	178	N/A
Anesthesiology	0	0	0	0	0	0	0	0	0	N/A
Cancer/oncology	47	11	3	0	2	0	19	1	11	N/A
Cardiology	16	0	1	0	0	14	1	0	0	N/A
Endocrinology	24	1	15	0	0	2	3	1	2	N/A
Gastroenterology	7	0	7	0	0	0	0	0	0	N/A
Hematology	0	0	0	0	0	0	0	0	0	N/A
Neurology	531	8	110	11	56	3	253	7	83	N/A
Obstetrics/gynecology	0	0	0	0	0	0	0	0	0	N/A
Ophthalmology	7	0	2	0	0	3	2	0	0	N/A
Otorhinolaryngology	1	0	0	0	0	1	0	0	0	N/A
Pediatrics/child health	12	0	0	5	0	4	3	0	0	N/A
Preventive medicine/ community health	394	14	51	25	1	25	168	54	56	N/A
Psychiatry	1	0	0	0	0	0	1	0	0	N/A
Pulmonary disease	5	0	1	0	0	0	1	0	3	N/A
Radiology	11	0	0	0	0	2	2	1	6	N/A
Surgery	13	0	6	0	0	0	5	0	2	N/A
Clinical medicine, n.e.c.	103	0	18	0	1	4	64	1	15	N/A
Other health related, total	1,463	20	135	92	15	68	788	97	248	N/A
Dentistry	103	7	5	0	0	2	58	23	8	N/A
Nursing	353	7	47	80	0	4	147	29	39	N/A
Pharmaceutical sciences	194	2	5	1	4	3	99	9	71	N/A
Speech pathology/audiology	277	0	16	7	1	25	164	10	54	N/A
Veterinary sciences	68	0	16	0	1	8	13	21	9	N/A
Health related, n.e.c.	468	4	46	4	9	26	307	5	67	N/A
Psychology	2,366	28	128	51	144	288	1,587	27	113	N/A
Clinical	653	12	13	6	0	245	350	2	25	N/A
Nonclinical	817	9	49	8	51	31	607	23	39	N/A
Psychology, n.e.c.	896	7	66	37	93	12	630	2	49	N/A
Social sciences (except psychology)	7,223	26	34	15	329	423	5,204	593	599	N/A
Engineering	6,014	175	35	18	735	587	2,983	362	1,119	N/A
Biomedical engineering	609	6	15	4	44	33	329	3	175	N/A
Other engineering	5,405	169	20	14	691	554	2,654	359	944	N/A
Physical sciences	2,174	36	59	11	292	295	1,080	70	331	N/A
Chemistry	1,211	19	48	4	160	114	587	30	249	N/A
Physics	842	17	11	7	110	147	437	40	73	N/A
Other physical sciences	121	0	0	0	22	34	56	0	9	N/A
Environmental sciences	924	16	1	2	106	124	483	68	124	N/A
Mathematical and computer sciences	1,996	92	17	12	264	189	999	102	321	N/A
Agricultural sciences	428	0	2	4	21	43	213	73	72	N/A

KEY: N/A = Not applicable
n.e.c. = Not elsewhere classified

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