

Table 7. Full-time graduate research assistants 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	88,891	5,659	11,418	931	10,725	13,994	32,248	625	13,291	N/A
Biological sciences, total	18,203	170	6,880	257	827	1,677	6,600	107	1,685	N/A
Anatomy	280	7	153	2	3	10	85	0	20	N/A
Biochemistry	2,467	16	1,304	68	100	139	622	13	205	N/A
Biology	2,255	44	742	24	226	223	789	4	203	N/A
Biometry/epidemiology	679	2	314	24	2	33	254	2	48	N/A
Biophysics	268	0	144	1	12	13	70	1	27	N/A
Botany	954	0	13	4	88	213	464	8	164	N/A
Cell biology	1,781	15	909	18	78	88	553	4	116	N/A
Ecology	423	0	3	0	50	98	230	1	41	N/A
Entomology/parasitology	615	1	15	0	26	147	286	10	130	N/A
Genetics	776	6	382	16	34	60	207	1	70	N/A
Microbiology	2,113	23	952	30	72	160	740	8	128	N/A
Nutrition	1,297	15	102	17	5	302	607	15	234	N/A
Pathology	531	14	204	11	16	26	165	19	76	N/A
Pharmacology	1,133	14	549	12	6	45	436	2	69	N/A
Physiology	705	5	273	15	2	14	359	5	32	N/A
Zoology	423	3	36	5	74	68	182	4	51	N/A
Biosciences, n.e.c.	1,503	5	785	10	33	38	551	10	71	N/A
Health sciences, total	4,958	36	1,410	187	34	352	2,299	30	610	N/A
Clinical medicine, total	1,850	23	736	79	6	143	708	9	146	N/A
Anesthesiology	0	0	0	0	0	0	0	0	0	N/A
Cancer/oncology	87	7	45	0	0	0	29	0	6	N/A
Cardiology	7	0	3	0	0	3	1	0	0	N/A
Endocrinology	27	0	12	0	0	5	4	0	6	N/A
Gastroenterology	0	0	0	0	0	0	0	0	0	N/A
Hematology	3	0	0	0	0	0	3	0	0	N/A
Neurology	647	0	428	10	3	19	161	2	24	N/A
Obstetrics/gynecology	6	0	1	0	0	0	4	0	1	N/A
Ophthalmology	6	0	1	0	0	0	5	0	0	N/A
Otorhinolaryngology	0	0	0	0	0	0	0	0	0	N/A
Pediatrics/child health	53	0	20	2	0	17	14	0	0	N/A
Preventive medicine/ community health	756	7	139	65	1	83	355	5	101	N/A
Psychiatry	15	0	7	0	0	0	8	0	0	N/A
Pulmonary disease	1	0	0	0	0	0	1	0	0	N/A
Radiology	60	7	11	0	1	10	28	1	2	N/A
Surgery	18	1	9	0	0	0	8	0	0	N/A
Clinical medicine, n.e.c.	164	1	60	2	1	6	87	1	6	N/A
Other health related, total	3,108	13	674	108	28	209	1,591	21	464	N/A
Dentistry	51	0	22	0	3	0	18	5	3	N/A
Nursing	447	0	82	36	0	40	266	0	23	N/A
Pharmaceutical sciences	810	4	263	8	13	12	300	8	202	N/A
Speech pathology/audiology	708	1	129	24	1	77	414	1	61	N/A
Veterinary sciences	407	4	55	8	3	40	241	4	52	N/A
Health related, n.e.c.	685	4	123	32	8	40	352	3	123	N/A
Psychology	4,242	72	792	133	142	250	2,443	8	402	N/A
Clinical	966	0	177	52	2	46	579	2	108	N/A
Nonclinical	1,710	41	263	29	49	151	1,014	6	157	N/A
Psychology, n.e.c.	1,566	31	352	52	91	53	850	0	137	N/A
Social sciences (except psychology)	6,751	25	122	41	298	939	4,524	40	762	N/A
Engineering	28,463	3,458	628	91	4,077	4,625	9,017	246	6,321	N/A
Biomedical engineering	1,106	44	307	10	83	69	332	2	259	N/A
Other engineering	27,357	3,414	321	81	3,994	4,556	8,685	244	6,062	N/A
Physical sciences	11,162	761	1,442	157	2,887	2,679	1,947	46	1,243	N/A
Chemistry	6,359	350	1,371	150	1,484	971	1,096	30	907	N/A
Physics	4,310	409	54	7	1,289	1,468	756	16	311	N/A
Other physical sciences	493	2	17	0	114	240	95	0	25	N/A
Environmental sciences	4,142	210	19	18	972	1,240	1,263	24	396	N/A
Mathematical and computer sciences	5,941	900	115	41	1,409	686	1,917	48	825	N/A
Agricultural sciences	5,029	27	10	6	79	1,546	2,238	76	1,047	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