

**Table 31. Other non-faculty doctoral research staff in doctorate-granting institutions,
by department and year: 1990-1999**

Field	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total, all departments	5,234	5,457	5,464	5,993	6,208	6,517	6,594	6,670	7,037	7,551
Biological sciences, total	1,747	1,857	1,691	1,844	1,854	1,959	1,905	1,971	2,225	2,354
Anatomy	65	50	39	51	38	47	58	55	40	88
Biochemistry	329	351	284	294	270	337	323	331	330	364
Biology	275	250	265	324	325	324	315	294	390	266
Biometry/epidemiology	21	33	26	36	37	32	26	24	33	40
Biophysics	31	36	38	49	54	58	44	54	41	37
Botany	76	122	79	97	86	88	66	62	76	90
Cell biology	122	147	158	202	177	211	195	198	221	229
Ecology	13	26	19	21	14	21	18	20	13	19
Entomology/parasitology	86	78	64	74	59	60	51	55	53	60
Genetics	58	70	53	67	63	65	79	121	77	83
Microbiology	166	150	159	155	206	187	195	231	216	266
Nutrition	77	86	60	56	81	63	56	54	43	59
Pathology	113	102	123	114	145	132	136	114	135	149
Pharmacology	134	150	116	142	128	170	164	151	288	329
Physiology	122	143	136	99	103	115	119	147	167	182
Zoology	40	40	30	20	29	16	13	15	18	25
Biosciences, n.e.c.	19	23	42	43	39	33	47	45	84	68
Health sciences, total	897	940	1,083	1,193	1,220	1,340	1,444	1,461	1,782	1,871
Clinical medicine, total	767	778	895	949	992	1,091	1,180	1,179	1,495	1,604
Anesthesiology	10	14	11	15	17	18	13	20	28	38
Cancer/oncology	62	35	31	33	45	51	46	57	62	72
Cardiology	40	39	19	17	16	59	48	45	26	33
Endocrinology	9	16	13	13	20	30	29	27	31	15
Gastroenterology	10	20	16	20	24	30	22	32	11	14
Hematology	18	8	28	9	13	16	24	15	30	26
Neurology	73	77	113	136	101	103	115	128	159	207
Obstetrics/gynecology	7	14	36	25	16	23	19	20	20	38
Ophthalmology	19	17	19	19	16	23	23	29	54	32
Otorhinolaryngology	3	7	11	5	7	2	3	1	2	3
Pediatrics/child health	47	63	69	81	90	73	116	73	78	114
Preventive medicine/ community health	69	55	65	95	105	90	118	79	102	115
Psychiatry	117	126	162	108	89	67	80	80	57	62
Pulmonary disease	9	12	19	17	27	23	14	19	29	33
Radiology	53	41	52	53	59	35	53	74	48	55
Surgery	46	74	66	88	105	106	127	152	213	180
Clinical medicine, n.e.c.	175	160	165	215	242	342	330	328	545	567
Other health related, total	130	162	188	244	228	249	264	282	287	267
Dentistry	8	16	20	27	11	12	14	51	45	37
Nursing	10	2	9	5	8	7	15	16	12	2
Pharmaceutical sciences	32	83	81	115	101	117	99	97	98	114
Speech pathology/audiology	20	7	7	13	12	20	14	13	26	13
Veterinary sciences	34	30	47	45	58	53	67	61	68	71
Health related, n.e.c.	26	24	24	39	38	40	55	44	38	30
Psychology	198	192	152	171	203	146	232	200	225	223
Clinical	43	20	9	10	14	7	22	20	26	26
Nonclinical	58	51	27	32	36	12	68	81	93	93
Psychology, n.e.c.	97	121	116	129	153	127	142	99	106	104
Social sciences (except psychology)	138	180	132	130	128	104	162	178	137	164
Engineering	606	659	737	803	825	789	730	848	810	940
Biomedical engineering	12	16	26	26	36	26	21	31	34	58
Other engineering	594	643	711	777	789	763	709	817	776	882
Physical sciences	1,001	1,000	1,066	1,223	1,244	1,374	1,287	1,203	1,080	1,152
Chemistry	449	474	472	538	522	538	547	503	481	493
Physics	461	459	523	584	569	658	568	554	473	498
Other physical sciences	91	67	71	101	153	178	172	146	126	161
Environmental sciences	314	298	302	340	363	418	430	427	411	436
Mathematical and computer sciences	151	134	112	119	120	159	195	179	212	255
Agricultural sciences	182	197	189	170	251	228	209	203	155	156

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