

**Table 37. Foreign male postdoctorates in doctorate-granting institutions,
by department and year: 1990-1999**

Field	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total, all departments	11,188	11,910	12,693	13,096	13,644	13,146	13,843	14,184	14,610	15,670
Biological sciences, total	3,965	4,161	4,467	4,642	4,778	4,889	5,030	5,186	5,295	5,703
Anatomy	152	166	174	169	141	132	157	198	176	200
Biochemistry	816	768	794	894	871	843	909	938	951	961
Biology	419	441	462	424	473	514	505	483	557	632
Biometry/epidemiology	15	23	22	14	20	41	21	18	21	23
Biophysics	42	67	72	65	83	86	92	76	74	104
Botany	144	158	160	158	177	180	175	251	244	271
Cell biology	382	378	415	474	516	590	555	573	605	702
Ecology	13	12	13	22	25	25	26	22	16	32
Entomology/parasitology	62	67	57	63	55	43	58	80	70	77
Genetics	152	178	198	208	194	232	245	234	234	266
Microbiology	493	543	602	627	640	626	670	677	681	684
Nutrition	54	75	92	85	81	68	63	88	88	92
Pathology	299	324	360	394	372	435	435	494	473	483
Pharmacology	448	445	491	506	513	499	513	502	488	543
Physiology	358	377	421	415	421	375	419	422	449	421
Zoology	37	42	31	40	41	43	26	22	22	17
Biosciences, n.e.c.	79	97	103	84	155	157	161	108	146	195
Health sciences, total	2,409	2,655	3,012	3,236	3,636	3,124	3,556	3,461	3,655	3,768
Clinical medicine, total	2,088	2,348	2,699	2,900	3,274	2,783	3,218	3,115	3,315	3,410
Anesthesiology	97	78	79	103	102	122	90	94	97	104
Cancer/oncology	101	94	115	136	132	99	96	107	160	170
Cardiology	125	118	153	182	199	175	200	223	208	212
Endocrinology	68	74	89	84	105	78	99	94	92	93
Gastroenterology	60	72	79	94	104	93	100	92	110	129
Hematology	47	72	79	87	90	88	92	103	112	129
Neurology	181	199	237	272	297	283	342	348	363	374
Obstetrics/gynecology	86	101	93	68	90	97	89	81	79	73
Ophthalmology	97	130	169	169	176	159	177	171	152	146
Otorhinolaryngology	26	21	23	29	44	30	34	42	45	38
Pediatrics/child health	113	126	147	185	207	196	227	206	206	228
Preventive medicine/ community health	48	48	40	37	46	45	56	62	49	75
Psychiatry	70	82	89	85	74	73	73	85	82	116
Pulmonary disease	27	31	33	21	40	40	42	50	50	48
Radiology	134	105	105	126	152	117	141	171	166	151
Surgery	270	314	370	377	442	383	439	425	445	488
Clinical medicine, n.e.c.	538	683	799	845	974	705	921	761	899	836
Other health related, total	321	307	313	336	362	341	338	346	340	358
Dentistry	24	21	14	17	31	32	32	38	41	47
Nursing	0	0	0	1	1	0	0	0	0	0
Pharmaceutical sciences	236	233	243	251	263	221	210	221	208	189
Speech pathology/audiology	5	7	9	8	7	10	6	6	13	17
Veterinary sciences	25	33	27	31	34	44	44	42	41	57
Health related, n.e.c.	31	13	20	28	26	34	46	39	37	48
Psychology	50	55	79	91	76	77	69	81	81	93
Clinical	2	2	3	4	3	0	3	2	1	3
Nonclinical	16	20	27	40	36	35	15	23	26	36
Psychology, n.e.c.	32	33	49	47	37	42	51	56	54	54
Social sciences (except psychology)	137	99	99	109	99	81	87	78	92	72
Engineering	1,198	1,434	1,438	1,433	1,408	1,470	1,450	1,697	1,670	1,883
Biomedical engineering	36	33	37	42	63	47	58	59	89	102
Other engineering	1,162	1,401	1,401	1,391	1,345	1,423	1,392	1,638	1,581	1,781
Physical sciences	2,920	2,982	3,015	2,913	2,973	2,761	2,824	2,822	2,991	3,256
Chemistry	1,984	1,955	1,925	1,847	1,932	1,761	1,798	1,797	1,872	1,992
Physics	867	946	1,001	989	968	887	895	886	980	1,080
Other physical sciences	69	81	89	77	73	113	131	139	139	184
Environmental sciences	192	197	232	245	243	280	280	294	292	306
Mathematical and computer sciences	161	133	137	168	166	218	281	301	289	319
Agricultural sciences	156	194	214	259	265	246	266	264	245	270

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