

**Table 30. Foreign 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	14,426	15,707	16,917	17,575	18,357	17,739	18,658	19,413	20,056	21,640
Biological sciences, total	5,549	6,073	6,597	6,868	7,163	7,290	7,433	7,723	7,966	8,654
Anatomy	218	252	259	242	224	203	237	289	277	315
Biochemistry	1,141	1,150	1,165	1,282	1,294	1,248	1,305	1,370	1,367	1,411
Biology	549	612	680	656	718	767	753	734	827	940
Biometry/epidemiology	27	32	33	27	39	63	47	45	45	49
Biophysics	72	84	91	94	96	124	124	101	101	135
Botany	183	209	227	210	240	260	256	325	325	365
Cell biology	558	588	613	692	800	874	832	890	914	1,080
Ecology	18	16	17	26	34	32	34	32	21	43
Entomology/parasitology	74	85	78	87	68	58	76	101	91	101
Genetics	235	256	289	317	293	353	352	366	374	414
Microbiology	692	819	921	950	987	1,014	1,039	1,063	1,136	1,153
Nutrition	80	105	127	125	117	103	93	120	138	134
Pathology	419	498	585	599	618	645	660	756	706	719
Pharmacology	604	645	711	737	756	736	753	731	760	842
Physiology	510	538	607	636	613	541	592	606	648	651
Zoology	52	63	47	54	59	62	40	34	32	35
Biosciences, n.e.c.	117	121	147	134	207	207	240	160	204	267
Health sciences, total	3,306	3,670	4,237	4,556	5,052	4,431	5,040	5,129	5,364	5,585
Clinical medicine, total	2,883	3,265	3,801	4,079	4,538	3,952	4,542	4,594	4,828	5,032
Anesthesiology	111	101	114	137	130	160	121	131	137	136
Cancer/oncology	152	125	175	197	206	144	143	180	251	257
Cardiology	163	150	185	226	255	240	255	304	273	280
Endocrinology	96	106	121	118	138	119	150	149	146	165
Gastroenterology	73	91	109	123	141	118	125	148	160	193
Hematology	80	111	128	138	141	135	133	154	175	202
Neurology	262	294	341	400	414	403	477	541	555	576
Obstetrics/gynecology	121	135	130	104	136	147	135	143	138	141
Ophthalmology	158	194	234	221	253	237	258	241	223	245
Otorhinolaryngology	32	26	30	40	54	32	40	55	60	60
Pediatrics/child health	177	207	234	280	311	305	356	349	352	374
Preventive medicine/ community health	75	75	82	76	89	84	111	112	105	139
Psychiatry	103	141	163	159	133	132	136	150	127	175
Pulmonary disease	31	34	43	36	48	55	62	74	69	72
Radiology	157	144	141	172	205	157	177	233	220	195
Surgery	328	380	430	455	527	450	533	514	533	595
Clinical medicine, n.e.c.	764	951	1,141	1,197	1,357	1,034	1,330	1,116	1,304	1,227
Other health related, total	423	405	436	477	514	479	498	535	536	553
Dentistry	35	27	30	34	56	60	58	64	74	89
Nursing	1	0	2	4	4	0	3	2	3	7
Pharmaceutical sciences	296	301	323	336	349	296	293	316	307	265
Speech pathology/audiology	9	12	13	12	10	14	10	10	20	22
Veterinary sciences	39	45	38	46	54	64	62	75	70	92
Health related, n.e.c.	43	20	30	45	41	45	72	68	62	78
Psychology	83	101	123	134	125	117	111	129	127	178
Clinical	4	4	3	11	3	1	7	2	2	4
Nonclinical	30	32	42	54	57	48	30	43	45	64
Psychology, n.e.c.	49	65	78	69	65	68	74	84	80	110
Social sciences (except psychology)	191	131	135	143	141	115	136	107	125	107
Engineering	1,331	1,599	1,592	1,595	1,586	1,641	1,621	1,871	1,886	2,157
Biomedical engineering	38	39	41	46	74	59	73	72	106	134
Other engineering	1,293	1,560	1,551	1,549	1,512	1,582	1,548	1,799	1,780	2,023
Physical sciences	3,367	3,504	3,524	3,446	3,438	3,252	3,315	3,406	3,571	3,843
Chemistry	2,316	2,364	2,328	2,267	2,289	2,131	2,179	2,231	2,309	2,431
Physics	974	1,046	1,101	1,088	1,059	984	989	1,008	1,089	1,196
Other physical sciences	77	94	95	91	90	137	147	167	173	216
Environmental sciences	217	236	277	305	303	343	355	367	370	388
Mathematical and computer sciences	180	150	155	192	197	245	318	340	331	382
Agricultural sciences	202	243	277	336	352	305	329	341	316	346

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