

TABLE 17. Graduate students in science, engineering, and health fields in private institutions, by detailed field: 1997–2004

Field	1997	1998	1999	2000	2001	2002	2003	2004
All surveyed fields	147,021	147,019	148,884	146,653	150,012	155,784	160,393	168,812
Science and engineering	125,034	124,277	126,154	125,226	128,289	132,666	135,537	140,301
Science	95,206	94,785	96,582	96,342	98,428	102,008	103,478	107,866
Agricultural sciences	463	490	470	506	554	605	689	679
Biological sciences	16,054	15,957	16,274	16,058	16,570	17,698	18,265	19,729
Anatomy	197	201	187	204	183	251	265	286
Biochemistry	1,492	1,515	1,516	1,450	1,404	1,544	1,601	1,718
Biology	3,826	3,713	3,530	3,311	3,281	3,354	3,525	3,811
Biometry/epidemiology	1,178	1,371	1,504	1,423	1,461	1,436	1,583	1,950
Biophysics	329	320	294	302	344	340	352	448
Botany	144	139	142	93	87	66	74	72
Cell biology	1,741	1,670	1,788	1,807	1,793	1,948	2,040	2,146
Ecology	146	144	178	180	210	284	278	252
Entomology/parasitology	60	59	58	49	51	53	48	44
Genetics	616	630	659	648	705	780	801	882
Microbiology/immunology/virology	1,488	1,515	1,595	1,608	1,603	1,813	1,873	1,977
Nutrition	918	810	858	966	984	1,088	1,040	1,022
Pathology	611	506	527	516	604	629	546	542
Pharmacology	847	901	909	905	1,101	1,164	1,074	1,097
Physiology	925	810	759	818	833	874	931	966
Zoology	71	64	62	39	57	62	57	32
Biosciences, nec	1,465	1,589	1,708	1,739	1,869	2,012	2,177	2,484
Computer sciences	13,796	14,426	15,948	18,074	19,934	20,471	18,942	18,408
Earth, atmospheric, and ocean sciences	2,219	2,209	2,217	2,148	2,192	2,249	2,252	2,365
Atmospheric sciences	24	23	17	25	27	36	36	44
Geosciences	1,195	1,186	1,159	1,138	1,154	1,177	1,153	1,227
Oceanography	391	383	407	403	363	394	419	429
Earth/atmospheric/ocean sciences, nec	609	617	634	582	648	642	644	665
Mathematical sciences	3,994	3,965	3,902	3,364	3,466	3,763	3,919	4,182
Mathematics/applied mathematics	3,486	3,414	3,383	2,749	2,802	3,068	3,153	3,391
Statistics	508	551	519	615	664	695	766	791
Physical sciences	8,357	8,016	8,147	7,949	8,158	8,391	8,958	9,250
Astronomy	307	311	321	346	378	424	443	456
Chemistry	4,927	4,713	4,809	4,629	4,725	4,880	5,190	5,340
Physics	3,106	2,967	3,009	2,965	3,042	3,067	3,318	3,447
Physical sciences, nec	17	25	8	9	13	20	7	7
Psychology	24,629	24,456	24,248	23,744	23,149	22,933	23,394	25,341
Clinical psychology	9,047	8,833	8,888	8,628	8,651	8,661	9,161	9,763
Psychology, general	5,686	5,835	5,554	5,403	5,616	4,886	4,515	5,250
Psychology, nec	9,896	9,788	9,806	9,713	8,882	9,386	9,718	10,328
Social sciences	25,694	25,266	25,376	24,499	24,405	25,898	27,059	27,912
Agricultural economics	70	67	65	60	62	61	72	85
Anthropology (cultural/social)	2,066	2,063	1,993	1,984	1,944	1,929	1,910	1,867
Economics (except agricultural)	3,844	3,805	3,639	3,758	3,928	3,898	3,871	3,704
Geography	293	308	325	321	302	276	299	296
History and philosophy of science	221	227	207	200	198	214	229	238
Linguistics	840	786	736	695	700	678	704	646
Political science	11,743	11,455	11,305	11,281	11,068	12,564	13,187	14,311
Sociology	2,203	1,992	2,124	2,034	1,997	1,996	2,064	1,966
Sociology/anthropology	169	164	125	135	175	118	134	135
Social sciences, nec	4,245	4,399	4,857	4,031	4,031	4,164	4,589	4,664
Engineering	29,828	29,492	29,572	28,884	29,861	30,658	32,059	32,435
Aerospace engineering	751	826	1,010	1,022	1,036	1,041	1,140	1,094

TABLE 17. Graduate students in science, engineering, and health fields in private institutions, by detailed field: 1997–2004

Field	1997	1998	1999	2000	2001	2002	2003	2004
Agricultural engineering	48	45	46	54	68	64	65	62
Biomedical engineering	1,003	1,063	1,130	1,193	1,441	1,606	1,803	2,139
Chemical engineering	2,074	2,004	1,996	1,968	2,002	2,000	1,997	2,030
Civil engineering	3,993	3,866	3,531	3,486	3,394	3,616	3,624	3,594
Electrical engineering	10,656	11,159	10,652	10,481	10,942	11,184	11,398	11,050
Engineering science	525	632	517	632	702	887	758	836
Industrial engineering	4,178	3,539	3,836	3,650	3,828	3,983	4,515	4,629
Mechanical engineering	3,879	3,579	3,721	3,618	3,732	3,602	4,051	4,319
Metallurgical/materials engineering	1,408	1,453	1,373	1,230	1,268	1,289	1,328	1,257
Mining engineering	100	93	106	12	5	4	5	0
Nuclear engineering	117	106	114	120	110	109	112	99
Petroleum engineering	115	108	99	96	118	128	120	137
Engineering, nec	981	1,019	1,441	1,322	1,215	1,145	1,143	1,189
Health	21,987	22,742	22,730	21,427	21,723	23,118	24,856	28,511
Medical fields	5,700	6,471	6,665	5,990	6,453	7,147	7,783	8,172
Anesthesiology	555	582	594	511	512	501	597	567
Cardiology	23	26	29	27	25	27	27	79
Endocrinology	0	0	0	0	0	2	2	1
Gastroenterology	0	0	0	0	0	0	0	0
Hematology	0	0	0	0	0	6	12	7
Neurology	898	936	908	909	963	1,083	1,125	1,223
Obstetrics/gynecology	13	5	3	8	8	10	15	14
Oncology/cancer research	75	70	105	96	115	108	118	137
Ophthalmology	3	7	0	0	0	3	14	19
Otorhinolaryngology	0	0	0	3	0	0	0	0
Pediatrics	101	102	73	146	93	101	68	69
Preventive medicine/community health	3,448	4,151	4,373	3,705	3,847	4,270	4,559	4,789
Psychiatry	127	72	61	106	77	97	45	46
Pulmonary disease	0	0	5	6	7	0	0	1
Radiology	58	43	52	42	45	42	65	39
Surgery	3	4	4	8	8	8	9	7
Clinical medicine, nec	396	473	458	423	753	889	1,127	1,174
Other health	16,287	16,271	16,065	15,437	15,270	15,971	17,073	20,339
Dental sciences	321	314	268	217	255	241	289	336
Nursing	5,722	5,167	5,095	4,600	4,644	4,878	5,185	6,230
Pharmaceutical sciences	547	680	750	662	707	831	976	1,254
Speech pathology/audiology	2,149	2,311	2,258	2,338	2,278	2,706	2,873	3,249
Veterinary sciences	52	53	47	45	46	53	52	58
Health related, nec	7,496	7,746	7,647	7,575	7,340	7,262	7,698	9,212

nec = not elsewhere classified.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering.