

TABLE 16. Graduate students in science, engineering, and health fields in public institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
All surveyed fields	350,107	345,452	340,187	338,608	344,372	346,658	359,608	384,705
Science and engineering	294,670	288,103	282,596	280,579	285,028	288,310	300,953	322,503
Science	218,762	215,195	211,276	210,033	212,909	213,082	221,321	233,553
Physical sciences	24,538	23,655	22,748	22,559	22,544	22,436	22,880	23,951
Astronomy	556	525	471	509	511	542	538	566
Chemistry	14,407	14,186	13,847	13,769	13,607	13,476	13,641	14,166
Physics	9,114	8,561	8,041	7,842	7,860	7,876	8,206	8,634
Physical sciences, nec	461	383	389	439	566	542	495	585
Earth, atmosphere, and ocean science	13,166	12,788	12,329	12,049	11,866	11,793	11,649	11,991
Atmospheric sciences	1,047	1,066	1,068	942	896	938	897	1,000
Geosciences	6,253	6,044	5,764	5,501	5,478	5,458	5,390	5,535
Oceanography	2,283	2,201	2,088	2,179	2,217	2,265	2,222	2,224
Earth, atmosphere, and ocean science, nec	3,583	3,477	3,409	3,427	3,275	3,132	3,140	3,232
Mathematical sciences	14,248	13,871	12,725	12,520	12,355	12,286	13,185	14,400
Mathematics and applied mathematics	11,675	11,352	10,541	10,413	10,138	10,074	10,767	11,634
Statistics	2,573	2,519	2,184	2,107	2,217	2,212	2,418	2,766
Computer sciences	20,558	20,882	22,195	23,601	26,530	29,276	32,262	35,088
Agricultural sciences	12,243	11,809	11,740	11,678	11,842	11,517	11,681	12,093
Biological sciences	42,074	41,599	40,651	40,738	40,685	40,224	41,069	43,434
Anatomy	676	680	659	584	562	591	552	700
Biochemistry	3,891	3,730	3,610	3,633	3,585	3,516	3,513	3,669
Biology	10,567	10,905	10,820	10,564	10,459	10,096	10,071	10,677
Biometry/epidemiology	1,712	1,765	1,718	2,143	2,200	2,192	2,356	2,635
Biophysics	472	459	419	417	416	449	533	613
Botany	2,155	2,076	1,938	1,903	1,832	1,811	1,834	1,907
Cell biology	2,539	2,562	2,559	2,709	2,849	3,013	3,118	3,427
Ecology	1,512	1,467	1,494	1,526	1,526	1,582	1,678	1,683
Entomology/parasitology	1,179	1,171	1,101	1,109	1,087	1,055	1,119	1,138
Genetics	1,089	1,131	1,160	1,097	1,124	1,064	1,136	1,129
Microbiology, immunology, and virology	3,508	3,400	3,317	3,258	3,220	3,206	3,195	3,366
Nutrition	3,939	3,845	3,686	3,676	3,650	3,447	3,445	3,451
Pathology	1,056	1,059	1,063	1,074	1,053	1,015	1,033	984
Pharmacology	1,872	1,797	1,750	1,829	1,848	2,058	2,039	2,069
Physiology	1,548	1,439	1,373	1,341	1,324	1,197	1,134	1,202
Zoology	1,866	1,736	1,556	1,522	1,461	1,406	1,354	1,287
Biosciences, nec	2,493	2,377	2,428	2,353	2,489	2,526	2,959	3,497
Psychology	29,197	28,203	28,497	28,101	27,479	26,722	27,318	28,245
Clinical psychology	4,056	3,919	4,051	3,900	3,910	3,860	3,837	3,961
Psychology, general	11,699	11,180	11,563	11,263	10,684	10,221	10,221	10,273
Psychology, nec	13,442	13,104	12,883	12,938	12,885	12,641	13,260	14,011
Social sciences	62,738	62,388	60,391	58,787	59,608	58,828	61,277	64,351
Agricultural economics	2,205	2,031	1,973	1,928	1,949	2,019	2,099	2,126
Anthropology (cultural and social)	5,602	5,678	5,494	5,514	5,640	5,642	5,547	5,552
Economics (except agricultural)	8,355	7,953	7,253	6,896	6,923	6,990	7,480	8,111
Geography	4,077	4,013	3,994	4,018	3,925	3,715	4,002	4,156
History and philosophy of science	212	211	222	281	350	332	373	449
Linguistics	2,383	2,281	2,228	2,149	2,063	1,979	2,044	2,197
Political science	21,869	21,115	20,340	19,373	20,067	19,850	20,737	22,355
Sociology	7,271	7,220	7,210	7,066	6,842	6,618	6,815	6,950
Sociology/anthropology	749	737	779	693	616	610	633	601
Social sciences, nec	10,015	11,149	10,898	10,869	11,233	11,073	11,547	11,854

See explanatory information, if any, and SOURCE at end of table.

TABLE 16. Graduate students in science, engineering, and health fields in public institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
Engineering	75,908	72,908	71,320	70,546	72,119	75,228	79,632	88,950
Aerospace engineering	2,598	2,435	2,332	2,311	2,339	2,385	2,415	2,644
Agricultural engineering	981	959	893	880	888	845	839	848
Biomedical engineering	1,656	1,700	1,844	1,842	1,991	2,048	2,198	2,772
Chemical engineering	5,468	5,383	5,214	5,089	4,887	5,088	4,911	5,414
Civil engineering	14,534	14,091	13,200	12,651	12,695	12,965	13,271	14,097
Electrical engineering	20,610	19,489	20,131	20,225	21,170	23,130	25,158	28,774
Engineering science	1,294	1,252	1,122	1,069	1,110	1,000	1,096	1,234
Industrial/manufacturing engineering	8,902	8,346	7,779	7,682	7,967	8,469	9,112	10,050
Mechanical engineering	12,144	11,595	11,166	11,117	11,235	11,617	12,120	13,513
Metallurgical/materials engineering	3,465	3,320	3,280	3,227	3,108	3,147	3,453	3,703
Mining engineering	300	278	248	211	222	275	235	263
Nuclear engineering	975	826	751	715	716	672	691	686
Petroleum engineering	480	449	446	463	543	531	538	638
Engineering, nec	2,501	2,785	2,914	3,064	3,248	3,056	3,595	4,314
Health	55,437	57,349	57,591	58,029	59,344	58,348	58,655	62,202
Medical fields	9,792	9,808	9,770	10,172	10,611	10,417	10,910	11,980
Anesthesiology	205	295	285	325	303	352	405	590
Cardiology	0	0	10	10	34	26	25	16
Endocrinology	53	46	43	58	67	57	53	58
Gastroenterology	0	0	3	6	7	14	7	7
Hematology	1	3	3	1	5	6	6	7
Neurology	723	742	819	889	999	1,073	1,173	1,430
Obstetrics and gynecology	1	0	5	8	13	8	20	13
Oncology/cancer research	125	117	123	139	145	143	146	123
Ophthalmology	24	31	30	31	49	58	46	178
Otorhinolaryngology	0	0	2	0	3	6	4	8
Pediatrics	170	217	241	226	243	257	287	362
Preventive medicine/community health	7,255	7,131	7,000	7,343	7,534	7,052	7,191	7,551
Psychiatry	114	102	101	64	58	78	189	267
Pulmonary disease	0	0	0	0	1	1	1	5
Radiology	241	217	209	206	177	190	217	216
Surgery	168	161	168	118	118	139	122	78
Clinical medicine, nec	712	746	728	748	855	957	1,018	1,071
Other health fields	45,645	47,541	47,821	47,857	48,733	47,931	47,745	50,222
Dental sciences	1,000	1,080	1,170	1,204	1,199	1,213	1,239	1,205
Nursing	22,116	21,505	21,139	20,424	19,979	18,857	18,965	19,837
Pharmaceutical sciences	2,255	2,311	2,163	2,202	2,672	2,949	2,972	3,707
Speech pathology/audiology	9,918	10,778	11,063	10,887	11,342	11,298	10,915	10,662
Veterinary sciences	921	945	1,172	1,235	1,267	1,322	1,430	1,638
Health related, nec	9,435	10,922	11,114	11,905	12,274	12,292	12,224	13,173

nec = not elsewhere classified.

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