

TABLE 33. Graduate students in science, engineering, and health fields in public doctorate-granting institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
All surveyed fields	302,411	298,928	294,931	293,079	298,232	302,644	316,843	340,294
Science and engineering	256,795	252,016	247,597	245,916	249,390	253,973	267,370	287,343
Science	185,276	183,142	179,933	178,712	181,008	181,802	191,154	202,922
Physical sciences	23,063	22,300	21,482	21,352	21,446	21,427	22,010	23,049
Astronomy	556	525	471	509	511	542	538	566
Chemistry	13,489	13,301	12,985	12,882	12,889	12,795	13,067	13,585
Physics	8,771	8,247	7,825	7,665	7,664	7,706	8,029	8,416
Physical sciences, nec	247	227	201	296	382	384	376	482
Earth, atmosphere, and ocean science	11,646	11,431	10,911	10,789	10,692	10,645	10,487	10,897
Atmospheric sciences	1,037	1,059	1,057	933	889	931	891	991
Geosciences	5,808	5,632	5,372	5,133	5,106	5,108	5,021	5,140
Oceanography	2,109	2,048	1,922	2,012	2,051	2,083	2,042	2,124
Earth, atmosphere, and ocean science, nec	2,692	2,692	2,560	2,711	2,646	2,523	2,533	2,642
Mathematical sciences	12,228	11,918	11,060	10,745	10,554	10,520	11,715	12,719
Mathematics and applied mathematics	9,736	9,452	8,926	8,695	8,388	8,356	9,350	10,024
Statistics	2,492	2,466	2,134	2,050	2,166	2,164	2,365	2,695
Computer sciences	17,043	17,307	18,393	19,332	21,663	24,102	26,803	29,437
Agricultural sciences	11,485	11,069	11,013	10,884	11,056	10,747	10,867	11,257
Biological sciences	38,068	37,790	37,041	37,233	37,209	36,924	37,904	40,167
Anatomy	676	680	659	584	562	591	552	700
Biochemistry	3,854	3,692	3,580	3,597	3,561	3,499	3,474	3,649
Biology	7,356	7,684	7,840	7,704	7,617	7,445	7,594	8,027
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	2,152	2,073	1,933	1,897	1,825	1,803	1,827	1,901
Cell biology	2,523	2,562	2,533	2,678	2,816	2,980	3,080	3,387
Ecology	1,428	1,416	1,424	1,446	1,456	1,483	1,583	1,579
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	1,115	1,052	1,121	1,112
Microbiology, immunology, and virology	3,502	3,395	3,313	3,256	3,215	3,200	3,191	3,359
Nutrition	3,535	3,518	3,399	3,370	3,384	3,195	3,171	3,172
Pathology	1,023	1,026	1,010	1,008	982	946	959	984
Pharmacology	1,872	1,797	1,750	1,810	1,820	2,026	2,009	2,045
Physiology	1,548	1,439	1,373	1,341	1,305	1,175	1,111	1,179
Zoology	1,866	1,736	1,556	1,522	1,461	1,406	1,354	1,287
Biosciences, nec	2,281	2,246	2,273	2,254	2,387	2,427	2,870	3,400
Psychology	19,867	19,178	19,902	19,643	18,977	18,486	19,493	20,787
Clinical psychology	3,095	3,019	3,126	2,955	2,940	2,978	2,953	3,017
Psychology, general	7,753	7,259	7,824	7,707	7,138	6,808	7,455	7,568
Psychology, nec	9,019	8,900	8,952	8,981	8,899	8,700	9,085	10,202
Social sciences	51,876	52,149	50,131	48,734	49,411	48,951	51,875	54,609
Agricultural economics	2,159	1,999	1,945	1,925	1,946	2,016	2,091	2,120
Anthropology (cultural and social)	5,348	5,417	5,194	5,176	5,262	5,282	5,239	5,226
Economics (except agricultural)	7,675	7,347	6,743	6,386	6,441	6,497	7,015	7,486
Geography	3,448	3,470	3,466	3,459	3,387	3,251	3,621	3,675
History and philosophy of science	212	211	222	222	296	272	298	273
Linguistics	2,046	1,973	1,953	1,876	1,834	1,761	1,805	1,886
Political science	16,607	16,154	15,145	14,482	15,025	14,927	16,215	17,735
Sociology	6,095	6,086	6,053	5,866	5,712	5,604	5,786	5,877
Sociology/anthropology	635	649	690	678	605	602	620	592
Social sciences, nec	7,651	8,843	8,720	8,664	8,903	8,739	9,185	9,739

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

TABLE 33. Graduate students in science, engineering, and health fields in public doctorate-granting institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
Engineering	71,519	68,874	67,664	67,204	68,382	72,171	76,216	84,421
Aerospace engineering	2,549	2,399	2,310	2,295	2,308	2,350	2,390	2,609
Agricultural engineering	981	959	893	880	888	845	839	848
Biomedical engineering	1,620	1,671	1,824	1,842	1,991	2,046	2,196	2,763
Chemical engineering	5,362	5,278	5,142	5,049	4,825	5,052	4,883	5,333
Civil engineering	13,368	13,035	12,332	11,886	12,005	12,468	12,735	13,522
Electrical engineering	19,132	18,121	18,840	19,007	19,896	21,932	23,794	26,876
Engineering science	1,287	1,246	1,117	1,063	1,102	986	1,085	1,221
Industrial/manufacturing engineering	8,474	7,985	7,437	7,384	7,665	8,217	8,766	9,734
Mechanical engineering	11,667	11,129	10,713	10,797	10,830	11,331	11,811	13,127
Metallurgical/materials engineering	3,395	3,266	3,215	3,173	3,053	3,110	3,416	3,654
Mining engineering	289	258	233	197	214	264	224	252
Nuclear engineering	975	826	751	715	716	672	691	686
Petroleum engineering	438	432	442	459	531	525	534	631
Engineering, nec	1,982	2,269	2,415	2,457	2,358	2,373	2,852	3,165
Health	45,616	46,912	47,334	47,163	48,842	48,671	49,473	52,951
Medical fields	9,179	9,194	9,134	9,644	10,127	10,006	10,418	11,173
Anesthesiology	205	295	285	325	303	352	379	401
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	6,844	6,718	6,531	7,003	7,241	6,835	6,944	7,211
Psychiatry	114	102	101	64	58	78	189	215
Pulmonary disease	0	0	0	0	1	1	1	5
Radiology	195	159	163	148	135	126	153	175
Surgery	168	161	168	118	118	139	122	78
Clinical medicine, nec	556	603	607	618	706	827	863	886
Other health fields	36,437	37,718	38,200	37,519	38,715	38,665	39,055	41,778
Dental sciences	1,000	1,080	1,170	1,204	1,199	1,213	1,239	1,205
Nursing	18,349	17,582	17,451	16,354	16,425	15,715	15,720	16,652
Pharmaceutical sciences	2,255	2,311	2,163	2,115	2,570	2,845	2,834	3,575
Speech pathology/audiology	6,775	7,267	7,553	7,435	7,654	7,864	7,737	7,619
Veterinary sciences	921	945	1,172	1,235	1,267	1,322	1,430	1,638
Health related, nec	7,137	8,533	8,691	9,176	9,600	9,706	10,095	11,089

nec = not elsewhere classified.

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