

TABLE 12. Female graduate students in science, engineering, and health fields in all institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
All surveyed fields	220,335	222,419	222,711	224,608	230,581	231,202	238,463	253,459
Science and engineering	160,210	161,671	162,011	163,427	168,396	170,479	177,430	188,834
Science	142,197	143,417	143,291	144,439	148,509	149,733	155,173	163,880
Physical sciences	9,085	9,045	8,848	8,753	8,915	9,115	9,336	10,066
Astronomy	223	227	208	230	225	267	265	302
Chemistry	6,828	6,839	6,722	6,564	6,617	6,756	6,855	7,325
Physics	1,835	1,809	1,744	1,780	1,876	1,910	2,042	2,201
Physical sciences, nec	199	170	174	179	197	182	174	238
Earth, atmosphere, and ocean science	5,434	5,447	5,416	5,568	5,725	5,753	5,892	6,247
Atmospheric sciences	237	234	263	234	242	268	298	333
Geosciences	2,283	2,320	2,296	2,315	2,400	2,455	2,483	2,613
Oceanography	1,107	1,070	1,055	1,162	1,222	1,267	1,255	1,309
Earth, atmosphere, and ocean science, nec	1,807	1,823	1,802	1,857	1,861	1,763	1,856	1,992
Mathematical sciences	6,258	6,219	5,868	5,988	6,043	5,780	6,270	6,886
Mathematics and applied mathematics	5,069	4,986	4,783	4,895	4,862	4,508	4,818	5,239
Statistics	1,189	1,233	1,085	1,093	1,181	1,272	1,452	1,647
Computer sciences	8,133	8,797	9,881	10,802	12,545	14,080	15,302	16,019
Agricultural sciences	4,599	4,585	4,706	4,852	5,049	5,088	5,343	5,653
Biological sciences	28,715	28,642	28,476	28,953	29,621	29,807	31,049	33,473
Anatomy	400	400	383	342	345	367	352	467
Biochemistry	2,414	2,288	2,176	2,229	2,266	2,231	2,223	2,433
Biology	6,903	7,129	7,287	7,213	7,143	7,006	7,189	7,654
Biometry/epidemiology	1,670	1,774	1,776	2,153	2,323	2,241	2,427	2,552
Biophysics	241	244	216	209	213	231	262	306
Botany	1,026	998	996	1,011	982	986	974	1,019
Cell biology	1,935	1,981	2,055	2,141	2,360	2,494	2,521	2,791
Ecology	782	777	798	830	881	916	979	1,039
Entomology/parasitology	414	424	410	414	406	442	480	492
Genetics	889	908	968	983	1,016	973	1,046	1,112
Microbiology, immunology, & virology	2,457	2,432	2,396	2,371	2,450	2,432	2,495	2,794
Nutrition	3,775	3,680	3,460	3,413	3,431	3,379	3,436	3,512
Pathology	780	809	832	804	804	829	895	906
Pharmacology	1,311	1,291	1,229	1,325	1,343	1,516	1,658	1,772
Physiology	1,058	981	934	886	898	882	911	994
Zoology	809	767	703	694	670	642	667	638
Biosciences, nec	1,851	1,759	1,857	1,935	2,090	2,240	2,534	2,992
Psychology	37,764	37,747	37,619	37,462	37,271	36,872	37,318	37,881
Clinical psychology	8,932	9,087	9,312	9,173	9,285	9,283	9,399	9,324
Psychology, general	12,002	11,646	11,877	11,847	11,387	11,027	11,283	10,676
Psychology, nec	16,830	17,014	16,430	16,442	16,599	16,562	16,636	17,881
Social sciences	42,209	42,935	42,477	42,061	43,340	43,238	44,663	47,655
Agricultural economics	783	710	688	680	715	789	835	844
Anthropology (cultural and social)	4,553	4,686	4,501	4,556	4,644	4,685	4,562	4,641
Economics (except agricultural)	3,876	3,783	3,512	3,464	3,499	3,765	3,995	4,268
Geography	1,585	1,561	1,625	1,663	1,703	1,627	1,801	1,865
History and philosophy of science	139	152	162	193	212	219	244	301
Linguistics	2,000	2,023	2,017	1,953	1,833	1,744	1,793	1,891
Political science	15,950	15,632	15,404	14,961	15,573	15,927	16,501	18,583
Sociology	5,783	5,785	5,822	5,696	5,739	5,580	5,732	5,768
Sociology/anthropology	554	541	571	522	470	463	500	453
Social sciences, nec	6,986	8,062	8,175	8,373	8,952	8,439	8,700	9,041

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

TABLE 12. Female graduate students in science, engineering, and health fields in all institutions, by detailed field: 1995-2002

Field	1995	1996	1997	1998	1999	2000	2001	2002
Engineering	18,013	18,254	18,720	18,988	19,887	20,746	22,257	24,954
Aerospace engineering	351	352	371	382	423	469	485	516
Agricultural engineering	202	210	218	243	251	268	284	272
Biomedical engineering	726	733	826	870	1,004	1,070	1,254	1,529
Chemical engineering	1,567	1,651	1,720	1,727	1,733	1,875	1,829	1,995
Civil engineering	4,232	4,300	4,164	4,102	4,157	4,277	4,503	4,905
Electrical engineering	4,154	4,229	4,550	4,872	5,133	5,536	6,212	7,270
Engineering science	297	295	278	331	319	342	363	430
Industrial/manufacturing engineering	2,823	2,769	2,656	2,452	2,659	2,713	2,808	3,076
Mechanical engineering	1,677	1,636	1,779	1,762	1,788	1,832	1,944	2,083
Metallurgical/materials engineering	1,074	1,077	1,117	1,130	1,084	1,041	1,173	1,251
Mining engineering	42	54	63	55	55	46	36	37
Nuclear engineering	145	153	143	134	144	156	157	148
Petroleum engineering	71	60	77	55	82	87	91	107
Engineering, nec	652	735	758	873	1,055	1,034	1,118	1,335
Health	60,125	60,748	60,700	61,181	62,185	60,723	61,033	64,625
Medical fields	9,095	8,749	8,807	9,721	10,201	9,910	10,588	11,753
Anesthesiology	517	488	485	501	476	426	504	660
Cardiology	5	5	7	8	26	15	19	19
Endocrinology	32	22	19	25	32	28	28	32
Gastroenterology	0	0	2	0	5	6	6	6
Hematology	1	3	3	1	4	2	2	10
Neurology	671	704	730	767	821	892	1,013	1,183
Obstetrics and gynecology	2	1	9	5	10	6	13	14
Oncology/cancer research	92	89	109	112	137	130	142	145
Ophthalmology	18	21	19	24	30	31	23	75
Otorhinolaryngology	0	0	0	0	0	6	2	1
Pediatrics	198	221	283	273	261	313	327	397
Preventive medicine/community health	6,679	6,322	6,279	7,188	7,554	7,046	7,240	7,722
Psychiatry	204	167	189	115	96	150	201	295
Pulmonary disease	0	0	0	0	2	2	5	2
Radiology	97	103	90	85	67	92	106	102
Surgery	92	87	77	65	54	70	41	25
Clinical medicine, nec	487	516	506	552	626	695	916	1,065
Other health fields	51,030	51,999	51,893	51,460	51,984	50,813	50,445	52,872
Dental sciences	462	494	559	566	549	550	563	564
Nursing	26,744	25,623	24,825	23,432	22,813	21,262	21,351	22,156
Pharmaceutical sciences	1,284	1,323	1,287	1,364	1,690	1,847	1,859	2,465
Speech pathology/audiology	11,005	11,820	12,141	12,138	12,540	12,609	12,187	12,405
Veterinary sciences	463	466	616	679	736	760	866	1,016
Health related, nec	11,072	12,273	12,465	13,281	13,656	13,785	13,619	14,266

nec = not elsewhere classified.

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