

TABLE 4. Female graduate students in science, engineering, and health fields in all institutions, by field: 1975-2002

Year	Total, science and engineering	Science								
		Total	Physical sciences	Earth, atmospheric, & ocean sciences	Mathematical sciences	Computer sciences	Agricultural sciences	Biological sciences	Psychology	Social sciences
1975	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1976	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1977	77,914	74,208	4,041	2,277	4,119	1,559	2,141	16,674	18,099	25,298
1978 ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1979	89,277	83,390	4,495	2,885	4,022	2,323	2,705	17,817	20,342	28,801
1980	94,393	88,053	4,596	3,207	4,064	3,087	2,906	18,227	21,583	30,383
1981	99,845	92,098	5,011	3,416	4,481	4,209	2,885	18,559	22,766	30,771
1982	103,569	94,792	5,419	3,723	5,078	5,446	3,155	19,078	23,097	29,796
1983	106,503	96,694	5,883	3,895	5,200	6,614	3,222	19,240	24,257	28,383
1984 ²	107,530	97,231	6,159	3,872	5,168	6,873	3,220	19,394	24,751	27,794
1985 ²	110,621	99,538	6,509	3,925	5,354	7,561	3,077	19,777	25,124	28,211
1986 ²	114,375	102,002	6,864	3,945	5,479	7,852	3,049	20,328	25,864	28,621
1987 ²	117,167	104,196	7,117	3,776	5,596	8,015	3,038	20,304	26,929	29,421
1988	121,238	108,110	7,502	3,800	5,776	8,194	3,189	21,129	28,461	30,059
1989	125,872	112,264	7,805	3,854	5,985	7,988	3,237	22,101	29,855	31,439
1990	133,722	119,043	8,070	4,117	6,199	8,199	3,425	22,915	32,345	33,773
1991	140,830	125,132	8,568	4,451	6,298	8,290	3,668	23,993	34,787	35,077
1992	150,212	132,992	8,849	4,846	6,549	8,471	3,908	25,296	36,834	38,239
1993	156,538	138,850	9,206	5,026	6,638	8,431	4,247	26,869	37,990	40,443
1994	159,111	141,061	9,167	5,319	6,531	8,087	4,451	28,006	38,138	41,362
1995	160,210	142,197	9,085	5,434	6,258	8,133	4,599	28,715	37,764	42,209
1996	161,671	143,417	9,045	5,447	6,219	8,797	4,585	28,642	37,747	42,935
1997	162,011	143,291	8,848	5,416	5,868	9,881	4,706	28,476	37,619	42,477
1998	163,427	144,439	8,753	5,568	5,988	10,802	4,852	28,953	37,462	42,061
1999	168,396	148,509	8,915	5,725	6,043	12,545	5,049	29,621	37,271	43,340
2000	170,479	149,733	9,115	5,753	5,780	14,080	5,088	29,807	36,872	43,238
2001	177,430	155,173	9,336	5,892	6,270	15,302	5,343	31,049	37,318	44,663
2002	188,834	163,880	10,066	6,247	6,886	16,019	5,653	33,473	37,881	47,655

Year	Total, science and engineering	Engineering								Health fields
		Engineering, total	Aerospace engineering	Chemical engineering	Civil engineering	Electrical engineering	Industrial engineering	Mechanical engineering	Metallurgical & materials engineering	
1975	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1976	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1977	3,706	33	380	828	710	755	273	184	543	22,536
1978 ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1979	5,887	49	625	1,319	933	1,256	469	289	947	27,462
1980	6,340	74	680	1,365	983	1,355	534	305	1,044	29,729
1981	7,747	67	779	1,574	1,276	1,543	631	394	1,483	31,727
1982	8,777	110	903	1,749	1,551	1,619	719	425	1,701	32,424
1983	9,809	123	1,018	1,859	2,068	1,518	805	452	1,966	33,001
1984 ²	10,299	132	974	2,027	2,213	1,608	956	472	1,917	34,487
1985 ²	11,083	163	1,007	2,147	2,435	1,782	1,011	607	1,931	35,184
1986 ²	12,373	200	1,047	2,147	2,908	2,097	1,159	684	2,131	36,412
1987 ²	12,971	224	1,162	2,103	3,098	2,268	1,296	738	2,082	36,389
1988	13,128	227	1,079	2,294	3,278	2,126	1,402	763	1,959	37,895
1989	13,608	243	1,037	2,435	3,515	2,153	1,398	815	2,012	39,881
1990	14,679	289	1,153	2,689	3,715	2,188	1,442	898	2,305	42,719
1991	15,698	327	1,260	3,102	3,851	2,402	1,511	995	2,250	45,485
1992	17,220	348	1,397	3,654	4,277	2,708	1,698	1,074	2,064	49,088
1993	17,688	357	1,504	3,858	4,313	2,645	1,774	1,037	2,200	53,290
1994	18,050	358	1,529	4,211	4,109	2,857	1,823	1,083	2,080	56,933
1995	18,013	351	1,567	4,232	4,154	2,823	1,677	1,074	2,135	60,125
1996	18,254	352	1,651	4,300	4,229	2,769	1,636	1,077	2,240	60,748
1997	18,720	371	1,720	4,164	4,550	2,656	1,779	1,117	2,363	60,700
1998	18,988	382	1,727	4,102	4,872	2,452	1,762	1,130	2,561	61,181
1999	19,887	423	1,733	4,157	5,133	2,659	1,788	1,084	2,910	62,185
2000	20,746	469	1,875	4,277	5,536	2,713	1,832	1,041	3,003	60,723
2001	22,257	485	1,829	4,503	6,212	2,808	1,944	1,173	3,303	61,033
2002	24,954	516	1,995	4,905	7,270	3,076	2,083	1,251	3,858	64,625

NA = not available.

¹ Master's-granting institutions were not surveyed in 1978.

² These figures include estimated data for master's-granting institutions, which were surveyed on a sample basis from 1984-87. See "Technical Notes" for further information.

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