

TABLE 15. Female graduate students in science, engineering, and health fields in all institutions, by field, citizenship, and by race/ethnicity of U.S. citizens and permanent residents: 1995-2002

Field, citizenship, and race/ethnicity	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
U.S. citizens and permanent residents	191,901	192,938	191,997	191,972	194,675	191,317	194,360	205,418
American Indian/Alaska Native	1,023	1,043	1,079	1,145	1,144	1,178	1,207	1,311
Asian/Pacific Islander	11,878	12,658	13,253	14,051	14,967	14,171	15,144	16,751
Black, non-Hispanic	13,218	14,002	14,445	15,016	15,672	16,639	17,639	18,715
Hispanic	9,063	9,297	9,595	10,009	11,144	11,975	12,681	13,934
White, non-Hispanic	147,001	145,899	142,900	141,158	140,937	135,600	135,621	141,288
Other or unknown	9,718	10,039	10,725	10,593	10,811	11,754	12,068	13,419
Students with temporary visas	28,434	29,481	30,714	32,636	35,906	39,885	44,103	48,041
Science and engineering	160,210	161,671	162,011	163,427	168,396	170,479	177,430	188,834
U.S. citizens and permanent residents	134,047	134,556	133,734	133,389	135,431	133,688	136,732	144,663
American Indian/Alaska Native	763	770	795	810	809	868	875	925
Asian/Pacific Islander	9,531	9,983	10,330	10,830	11,524	10,654	11,431	12,812
Black, non-Hispanic	10,075	10,819	11,012	11,331	11,708	12,536	13,076	13,779
Hispanic	6,712	6,924	7,289	7,645	8,324	8,935	9,460	10,434
White, non-Hispanic	99,846	98,707	96,515	94,933	94,940	91,787	92,768	96,692
Other or unknown	7,120	7,353	7,793	7,840	8,126	8,908	9,122	10,021
Students with temporary visas	26,163	27,115	28,277	30,038	32,965	36,791	40,698	44,171
Sciences	142,197	143,417	143,291	144,439	148,509	149,733	155,173	163,880
U.S. citizens and permanent residents	121,070	121,721	121,203	121,008	123,050	121,633	124,305	130,868
American Indian/Alaska Native	714	727	736	747	742	798	810	856
Asian/Pacific Islander	7,750	8,201	8,548	8,996	9,515	8,870	9,360	10,158
Black, non-Hispanic	9,175	9,875	10,096	10,452	10,732	11,509	12,095	12,718
Hispanic	6,100	6,255	6,650	6,958	7,622	8,197	8,618	9,473
White, non-Hispanic	90,972	90,087	88,244	86,767	87,076	84,161	85,167	88,635
Other or unknown	6,359	6,576	6,929	7,088	7,363	8,098	8,255	9,028
Students with temporary visas	21,127	21,696	22,088	23,431	25,459	28,100	30,868	33,012
Physical sciences	9,085	9,045	8,848	8,753	8,915	9,115	9,336	10,066
U.S. citizens and permanent residents	6,050	6,004	5,837	5,833	5,862	5,832	5,859	6,182
American Indian/Alaska Native	19	18	24	23	29	21	27	28
Asian/Pacific Islander	621	648	594	610	636	573	542	531
Black, non-Hispanic	368	436	444	432	402	425	413	407
Hispanic	262	287	283	307	346	337	357	376
White, non-Hispanic	4,482	4,371	4,180	4,170	4,165	4,167	4,164	4,501
Other or unknown	298	244	312	291	284	309	356	339
Students with temporary visas	3,035	3,041	3,011	2,920	3,053	3,283	3,477	3,884
Earth, atmosphere, and ocean science	5,434	5,447	5,416	5,568	5,725	5,753	5,892	6,247
U.S. citizens and permanent residents	4,637	4,675	4,697	4,805	4,868	4,857	4,911	5,235
American Indian/Alaska Native	21	29	35	40	31	28	33	36
Asian/Pacific Islander	159	160	164	186	192	172	170	197
Black, non-Hispanic	99	104	98	99	101	100	102	131
Hispanic	142	144	163	168	200	169	201	222
White, non-Hispanic	4,045	4,053	4,039	4,065	4,134	4,200	4,211	4,410
Other or unknown	171	185	198	247	210	188	194	239
Students with temporary visas	797	772	719	763	857	896	981	1,012

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

TABLE 15. Female graduate students in science, engineering, and health fields in all institutions, by field, citizenship, and by race/ethnicity of U.S. citizens and permanent residents: 1995-2002

Field, citizenship, and race/ethnicity	1995	1996	1997	1998	1999	2000	2001	2002
Mathematical sciences	6,258	6,219	5,868	5,988	6,043	5,780	6,270	6,886
U.S. citizens and permanent residents	4,602	4,557	4,169	4,205	3,982	3,661	3,927	4,386
American Indian/Alaska Native	27	17	14	18	18	10	16	6
Asian/Pacific Islander	452	522	429	470	437	417	433	538
Black, non-Hispanic	304	343	310	274	270	273	270	286
Hispanic	152	159	173	178	177	150	160	207
White, non-Hispanic	3,426	3,290	3,035	3,040	2,861	2,601	2,799	3,046
Other or unknown	241	226	208	225	219	210	249	303
Students with temporary visas	1,656	1,662	1,699	1,783	2,061	2,119	2,343	2,500
Computer sciences	8,133	8,797	9,881	10,802	12,545	14,080	15,302	16,019
U.S. citizens and permanent residents	5,537	5,736	6,198	6,577	7,412	7,406	7,679	8,334
American Indian/Alaska Native	15	14	17	24	24	30	29	31
Asian/Pacific Islander	1,337	1,432	1,648	1,920	2,318	2,009	2,023	2,214
Black, non-Hispanic	503	560	535	591	670	668	766	843
Hispanic	162	177	210	195	212	246	244	285
White, non-Hispanic	3,083	3,040	3,143	3,198	3,521	3,629	3,778	3,979
Other or unknown	437	513	645	649	667	824	839	982
Students with temporary visas	2,596	3,061	3,683	4,225	5,133	6,674	7,623	7,685
Agricultural sciences	4,599	4,585	4,706	4,852	5,049	5,088	5,343	5,653
U.S. citizens and permanent residents	3,698	3,718	3,871	4,006	4,194	4,241	4,406	4,641
American Indian/Alaska Native	31	26	28	26	23	22	23	40
Asian/Pacific Islander	130	144	141	155	167	138	147	150
Black, non-Hispanic	153	160	160	176	151	153	201	213
Hispanic	136	169	163	180	213	217	215	209
White, non-Hispanic	3,103	3,114	3,219	3,334	3,527	3,526	3,600	3,816
Other or unknown	145	105	160	135	113	185	220	213
Students with temporary visas	901	867	835	846	855	847	937	1,012
Biological sciences	28,715	28,642	28,476	28,953	29,621	29,807	31,049	33,473
U.S. citizens and permanent residents	23,294	23,389	23,353	23,503	24,180	23,964	24,669	26,352
American Indian/Alaska Native	117	107	106	103	106	110	110	124
Asian/Pacific Islander	2,134	2,207	2,317	2,350	2,377	2,253	2,539	2,675
Black, non-Hispanic	1,185	1,266	1,352	1,377	1,457	1,481	1,559	1,676
Hispanic	972	1,000	1,090	1,129	1,217	1,220	1,329	1,469
White, non-Hispanic	18,036	17,962	17,446	17,454	17,808	17,677	17,846	18,978
Other or unknown	850	847	1,042	1,090	1,215	1,223	1,286	1,430
Students with temporary visas	5,421	5,253	5,123	5,450	5,441	5,843	6,380	7,121
Psychology	37,764	37,747	37,619	37,462	37,271	36,872	37,318	37,881
U.S. citizens and permanent residents	36,534	36,482	36,361	36,074	35,822	35,361	35,574	36,108
American Indian/Alaska Native	237	248	223	224	212	257	251	237
Asian/Pacific Islander	1,182	1,292	1,399	1,468	1,502	1,531	1,628	1,653
Black, non-Hispanic	2,542	2,644	2,736	2,926	2,844	3,343	3,479	3,545
Hispanic	2,037	2,130	2,215	2,347	2,610	3,106	3,261	3,533
White, non-Hispanic	28,163	27,753	27,408	26,707	26,072	24,442	24,553	24,770
Other or unknown	2,373	2,415	2,380	2,402	2,582	2,682	2,402	2,370
Students with temporary visas	1,230	1,265	1,258	1,388	1,449	1,511	1,744	1,773

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

TABLE 15. Female graduate students in science, engineering, and health fields in all institutions, by field, citizenship, and by race/ethnicity of U.S. citizens and permanent residents: 1995-2002

Field, citizenship, and race/ethnicity	1995	1996	1997	1998	1999	2000	2001	2002
Social sciences	42,209	42,935	42,477	42,061	43,340	43,238	44,663	47,655
U.S. citizens and permanent residents	36,718	37,160	36,717	36,005	36,730	36,311	37,280	39,630
American Indian/Alaska Native	247	268	289	289	299	320	321	354
Asian/Pacific Islander	1,735	1,796	1,856	1,837	1,886	1,777	1,878	2,200
Black, non-Hispanic	4,021	4,362	4,461	4,577	4,837	5,066	5,305	5,617
Hispanic	2,237	2,189	2,353	2,454	2,647	2,752	2,851	3,172
White, non-Hispanic	26,634	26,504	25,774	24,799	24,988	23,919	24,216	25,135
Other or unknown	1,844	2,041	1,984	2,049	2,073	2,477	2,709	3,152
Students with temporary visas	5,491	5,775	5,760	6,056	6,610	6,927	7,383	8,025
Engineering	18,013	18,254	18,720	18,988	19,887	20,746	22,257	24,954
U.S. citizens and permanent residents	12,977	12,835	12,531	12,381	12,381	12,055	12,427	13,795
American Indian/Alaska Native	49	43	59	63	67	70	65	69
Asian/Pacific Islander	1,781	1,782	1,782	1,834	2,009	1,784	2,071	2,654
Black, non-Hispanic	900	944	916	879	976	1,027	981	1,061
Hispanic	612	669	639	687	702	738	842	961
White, non-Hispanic	8,874	8,620	8,271	8,166	7,864	7,626	7,601	8,057
Other or unknown	761	777	864	752	763	810	867	993
Students with temporary visas	5,036	5,419	6,189	6,607	7,506	8,691	9,830	11,159
Chemical engineering	1,567	1,651	1,720	1,727	1,733	1,875	1,829	1,995
U.S. citizens and permanent residents	1,045	1,064	1,076	1,059	1,020	1,054	985	1,085
American Indian/Alaska Native	8	8	8	8	5	11	8	8
Asian/Pacific Islander	121	137	151	148	176	165	160	203
Black, non-Hispanic	90	97	87	80	79	79	89	81
Hispanic	69	70	37	65	54	69	72	84
White, non-Hispanic	705	705	742	704	643	663	610	653
Other or unknown	52	47	51	54	63	67	46	56
Students with temporary visas	522	587	644	668	713	821	844	910
Civil engineering	4,232	4,300	4,164	4,102	4,157	4,277	4,503	4,905
U.S. citizens and permanent residents	3,265	3,317	3,115	3,046	2,955	2,909	2,957	3,209
American Indian/Alaska Native	10	10	17	12	13	10	14	18
Asian/Pacific Islander	365	351	290	313	316	238	279	298
Black, non-Hispanic	158	161	144	133	173	178	158	182
Hispanic	171	204	206	219	203	236	239	274
White, non-Hispanic	2,401	2,408	2,312	2,206	2,098	2,118	2,111	2,228
Other or unknown	160	183	146	163	152	129	156	209
Students with temporary visas	967	983	1,049	1,056	1,202	1,368	1,546	1,696
Electrical engineering	4,154	4,229	4,550	4,872	5,133	5,536	6,212	7,270
U.S. citizens and permanent residents	2,608	2,537	2,497	2,518	2,389	2,246	2,380	2,668
American Indian/Alaska Native	5	5	7	8	11	11	6	12
Asian/Pacific Islander	650	671	692	709	704	662	728	972
Black, non-Hispanic	187	167	194	194	200	201	192	201
Hispanic	113	121	121	120	138	99	142	175
White, non-Hispanic	1,439	1,316	1,166	1,234	1,099	981	1,011	1,028
Other or unknown	214	257	317	253	237	292	301	280
Students with temporary visas	1,546	1,692	2,053	2,354	2,744	3,290	3,832	4,602

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TABLE 15. Female graduate students in science, engineering, and health fields in all institutions, by field, citizenship, and by race/ethnicity of U.S. citizens and permanent residents: 1995-2002

Field, citizenship, and race/ethnicity	1995	1996	1997	1998	1999	2000	2001	2002
Industrial engineering	2,823	2,769	2,656	2,452	2,659	2,713	2,808	3,076
U.S. citizens and permanent residents	2,306	2,219	2,079	1,869	2,003	1,896	1,890	2,120
American Indian/Alaska Native	7	4	6	11	16	14	13	7
Asian/Pacific Islander	165	176	176	156	198	164	194	273
Black, non-Hispanic	228	241	219	208	232	247	242	264
Hispanic	106	118	115	117	135	141	167	175
White, non-Hispanic	1,636	1,544	1,438	1,272	1,315	1,211	1,162	1,249
Other or unknown	164	136	125	105	107	119	112	152
Students with temporary visas	517	550	577	583	656	817	918	956
Mechanical engineering	1,677	1,636	1,779	1,762	1,788	1,832	1,944	2,083
U.S. citizens and permanent residents	1,224	1,144	1,166	1,153	1,141	1,051	1,117	1,164
American Indian/Alaska Native	7	7	8	5	8	9	9	9
Asian/Pacific Islander	181	163	143	138	179	130	168	169
Black, non-Hispanic	84	90	104	104	88	104	81	79
Hispanic	55	60	62	57	52	49	65	83
White, non-Hispanic	818	766	762	791	749	687	728	743
Other or unknown	79	58	87	58	65	72	66	81
Students with temporary visas	453	492	613	609	647	781	827	919
Other engineering	3,560	3,669	3,851	4,073	4,417	4,513	4,961	5,625
U.S. citizens and permanent residents	2,529	2,554	2,598	2,736	2,873	2,899	3,098	3,549
American Indian/Alaska Native	12	9	13	19	14	15	15	15
Asian/Pacific Islander	299	284	330	370	436	425	542	739
Black, non-Hispanic	153	188	168	160	204	218	219	254
Hispanic	98	96	98	109	120	144	157	170
White, non-Hispanic	1,875	1,881	1,851	1,959	1,960	1,966	1,979	2,156
Other or unknown	92	96	138	119	139	131	186	215
Students with temporary visas	1,031	1,115	1,253	1,337	1,544	1,614	1,863	2,076
Health	60,125	60,748	60,700	61,181	62,185	60,723	61,033	64,625
U.S. citizens and permanent residents	57,854	58,382	58,263	58,583	59,244	57,629	57,628	60,755
American Indian/Alaska Native	260	273	284	335	335	310	332	386
Asian/Pacific Islander	2,347	2,675	2,923	3,221	3,443	3,517	3,713	3,939
Black, non-Hispanic	3,143	3,183	3,433	3,685	3,964	4,103	4,563	4,936
Hispanic	2,351	2,373	2,306	2,364	2,820	3,040	3,221	3,500
White, non-Hispanic	47,155	47,192	46,385	46,225	45,997	43,813	42,853	44,596
Other or unknown	2,598	2,686	2,932	2,753	2,685	2,846	2,946	3,398
Students with temporary visas	2,271	2,366	2,437	2,598	2,941	3,094	3,405	3,870

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