

TABLE D-2. Female S&amp;E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
All S&E graduate students	159,093	160,190	161,649	161,989	163,403	168,425	170,801	177,644
Sciences	141,043	142,177	143,395	143,269	144,415	148,538	149,989	155,417
Agricultural sciences	4,315	4,459	4,449	4,561	4,719	4,910	4,931	5,202
Biological sciences	28,137	28,851	28,771	28,617	29,079	29,673	29,918	31,096
Anatomy	493	465	467	460	413	416	436	419
Biochemistry	2,377	2,414	2,288	2,176	2,229	2,266	2,224	2,223
Biology	6,748	6,903	7,129	7,287	7,213	7,143	7,009	7,170
Biometry/epidemiology	1,586	1,673	1,774	1,781	2,159	2,242	2,192	2,358
Biophysics	218	241	244	216	209	213	229	265
Botany	1,164	1,144	1,110	1,119	1,118	1,093	1,099	1,084
Cell/molecular biology	1,762	1,848	1,894	1,959	2,052	2,273	2,402	2,446
Ecology	745	774	768	781	823	870	906	960
Entomology/parasitology	417	414	424	410	414	406	442	480
Genetics	912	882	901	959	970	1,007	968	1,041
Microbiology, immunology, and virology	2,490	2,457	2,432	2,396	2,371	2,450	2,434	2,495
Nutrition	3,518	3,775	3,680	3,460	3,413	3,431	3,396	3,436
Pathology	782	780	809	832	804	804	828	901
Pharmacology	1,352	1,311	1,291	1,229	1,325	1,343	1,515	1,606
Physiology	986	1,058	981	934	886	898	877	911
Zoology	844	831	787	722	712	686	660	685
Other	1,743	1,881	1,792	1,896	1,968	2,132	2,301	2,616
Computer sciences	8,087	8,133	8,797	9,881	10,802	12,570	14,163	15,294
Earth, atmospheric, and ocean sciences	5,319	5,434	5,447	5,416	5,568	5,725	5,751	5,892
Atmospheric	242	237	234	263	234	242	268	298
Earth	2,223	2,283	2,320	2,296	2,315	2,400	2,453	2,483
Ocean	1,115	1,107	1,070	1,055	1,162	1,222	1,267	1,255
Other	1,739	1,807	1,823	1,802	1,857	1,861	1,763	1,856
Mathematics/statistics	6,531	6,258	6,219	5,868	5,988	6,043	5,781	6,277
Mathematics/applied mathematics	5,402	5,069	4,986	4,783	4,895	4,862	4,509	4,828
Statistics	1,129	1,189	1,233	1,085	1,093	1,181	1,272	1,449
Physical sciences	9,167	9,085	9,045	8,848	8,753	8,915	9,128	9,332
Astronomy	223	223	227	208	230	225	267	265
Chemistry	6,845	6,828	6,839	6,722	6,564	6,617	6,773	6,848
Physics	1,908	1,835	1,809	1,744	1,780	1,876	1,906	2,045
Other	191	199	170	174	179	197	182	174
Psychology	38,138	37,764	37,747	37,619	37,462	37,370	37,030	37,583
Clinical	8,998	8,932	9,087	9,312	9,173	9,285	9,283	9,389
General	12,369	11,995	11,646	11,874	11,844	11,384	11,087	11,438
Nonclinical	16,771	16,837	17,014	16,433	16,445	16,701	16,660	16,756
Social sciences	41,349	42,193	42,920	42,459	42,044	43,332	43,287	44,741
Agricultural economics	748	783	710	688	680	715	789	835
Anthropology (cultural and social)	4,593	4,553	4,686	4,501	4,556	4,644	4,688	4,562
Economics	3,793	3,876	3,783	3,512	3,464	3,499	3,773	3,982
Geography	1,598	1,585	1,561	1,625	1,663	1,703	1,631	1,786
History and philosophy of science	140	139	152	162	193	212	219	244
Linguistics	2,066	2,000	2,023	2,017	1,953	1,833	1,744	1,793
Political science and public administration	15,584	15,950	15,632	15,404	14,961	15,575	15,944	16,518
Sociology	5,740	5,783	5,785	5,822	5,696	5,739	5,604	5,709
Other	7,087	7,524	8,588	8,728	8,878	9,412	8,895	9,312
Engineering	18,050	18,013	18,254	18,720	18,988	19,887	20,812	22,227
Aerospace	358	351	352	371	382	423	469	485
Agricultural	200	202	210	218	243	251	268	284
Biomedical	697	726	733	826	870	1,004	1,070	1,241
Chemical	1,529	1,567	1,651	1,720	1,727	1,733	1,881	1,829
Civil	4,211	4,232	4,300	4,164	4,102	4,157	4,286	4,479
Electrical	4,102	4,088	4,122	4,438	4,747	4,973	5,351	6,030

TABLE D-2. Female S&amp;E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Engineering science/physics	306	297	295	278	331	319	342	363
Industrial/manufacturing	2,857	2,823	2,769	2,656	2,452	2,659	2,734	2,808
Mechanical	1,823	1,677	1,636	1,779	1,762	1,788	1,853	1,939
Metallurgical/materials	1,083	1,074	1,077	1,117	1,130	1,084	1,041	1,173
Mining	50	42	54	63	55	55	46	36
Nuclear	153	145	153	143	134	144	156	157
Petroleum	59	71	60	77	55	82	87	92
Other	622	718	842	870	998	1,215	1,228	1,311
U.S. citizen/permanent resident								
S&E	133,214	134,028	134,535	133,712	133,366	135,475	134,240	137,236
Sciences	120,008	121,051	121,700	121,181	120,985	123,094	122,008	124,722
Agricultural sciences	3,475	3,599	3,607	3,747	3,896	4,084	4,108	4,258
Biological sciences	22,583	23,389	23,493	23,473	23,606	24,215	24,070	24,749
Anatomy	388	358	381	380	341	332	350	330
Biochemistry	1,623	1,670	1,615	1,581	1,596	1,604	1,507	1,467
Biology	5,850	5,973	6,187	6,312	6,192	6,166	5,994	6,063
Biometry/epidemiology	1,299	1,381	1,495	1,525	1,822	1,877	1,766	1,864
Biophysics	165	183	192	171	164	170	174	190
Botany	851	832	838	833	817	810	812	798
Cell/molecular biology	1,376	1,474	1,496	1,565	1,640	1,817	1,862	1,859
Ecology	672	713	702	719	751	796	821	876
Entomology/parasitology	311	309	326	325	334	322	357	395
Genetics	751	745	748	780	775	837	788	843
Microbiology, immunology, and virology	1,919	1,934	1,945	1,943	1,907	1,968	1,961	1,951
Nutrition	2,789	3,040	2,971	2,764	2,707	2,745	2,668	2,672
Pathology	644	640	674	707	671	678	696	765
Pharmacology	1,052	1,059	1,012	960	1,043	1,064	1,196	1,256
Physiology	765	843	797	765	702	710	687	698
Zoology	733	738	693	647	634	618	566	586
Other	1,395	1,497	1,421	1,496	1,510	1,701	1,865	2,136
Computer sciences	5,668	5,537	5,736	6,198	6,577	7,437	7,528	7,742
Earth, atmospheric, and ocean sciences	4,442	4,637	4,675	4,697	4,805	4,868	4,855	4,916
Atmospheric	157	151	151	165	146	137	166	195
Earth	1,842	1,950	2,001	2,006	2,021	2,069	2,098	2,100
Ocean	902	938	903	891	980	1,038	1,065	1,049
Other	1,541	1,598	1,620	1,635	1,658	1,624	1,526	1,572
Mathematics/statistics	4,842	4,602	4,557	4,169	4,205	3,982	3,670	3,941
Mathematics/applied mathematics	4,101	3,849	3,759	3,513	3,563	3,367	3,043	3,309
Statistics	741	753	798	656	642	615	627	632
Physical sciences	6,198	6,050	6,004	5,837	5,833	5,862	5,868	5,910
Astronomy	174	170	178	169	181	172	197	191
Chemistry	4,653	4,582	4,611	4,537	4,441	4,477	4,510	4,500
Physics	1,197	1,120	1,070	981	1,062	1,047	1,002	1,079
Other	174	178	145	150	149	166	159	140
Psychology	36,736	36,534	36,482	36,361	36,074	35,921	35,523	35,846
Clinical	8,756	8,735	8,884	9,084	8,923	9,005	8,977	9,058
General	11,946	11,608	11,258	11,495	11,458	10,949	10,591	10,835
Nonclinical	16,034	16,191	16,340	15,782	15,693	15,967	15,955	15,953
Social sciences	36,064	36,703	37,146	36,699	35,989	36,725	36,386	37,360
Agricultural economics	473	480	441	414	390	393	413	423
Anthropology (cultural and social)	4,200	4,210	4,324	4,127	4,169	4,196	4,227	4,141
Economics	2,345	2,284	2,135	1,867	1,808	1,719	1,837	1,832
Geography	1,426	1,408	1,397	1,428	1,454	1,466	1,388	1,496
History and philosophy of science	126	126	137	141	170	194	189	219
Linguistics	1,479	1,423	1,403	1,388	1,297	1,233	1,130	1,161

TABLE D-2. Female S&amp;E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Political science and public administration	14,394	14,653	14,277	14,045	13,537	13,934	14,148	14,608
Sociology	5,094	5,196	5,237	5,239	5,098	5,074	4,885	4,923
Other	6,527	6,923	7,795	8,050	8,066	8,516	8,169	8,557
Engineering	13,206	12,977	12,835	12,531	12,381	12,381	12,232	12,514
Aerospace	261	256	246	227	224	255	282	282
Agricultural	100	101	108	128	141	150	173	182
Biomedical	522	562	569	646	676	744	778	871
Chemical	1,054	1,045	1,064	1,076	1,059	1,020	1,067	998
Civil	3,310	3,265	3,317	3,115	3,046	2,955	2,923	2,943
Electrical	2,686	2,570	2,464	2,440	2,461	2,339	2,281	2,402
Engineering science/physics	222	228	216	209	220	215	195	209
Industrial/manufacturing	2,298	2,306	2,219	2,079	1,869	2,003	1,923	1,891
Mechanical	1,369	1,224	1,144	1,166	1,153	1,141	1,085	1,125
Metallurgical/materials	766	742	703	701	677	618	581	622
Mining	35	27	41	55	51	43	32	32
Nuclear	103	100	105	100	88	87	95	88
Petroleum	23	27	16	18	15	17	40	40
Other	457	524	623	571	701	794	777	829
White								
S&E	102,070	99,828	98,687	96,493	94,913	94,939	91,972	92,678
Sciences	92,844	90,954	90,067	88,222	86,747	87,075	84,298	85,117
Agricultural sciences	2,995	3,018	3,033	3,135	3,247	3,435	3,411	3,478
Biological sciences	17,910	18,118	18,037	17,526	17,536	17,838	17,771	17,890
Anatomy	281	264	281	287	268	256	277	267
Biochemistry	1,246	1,223	1,172	1,088	1,144	1,158	1,122	1,017
Biology	4,465	4,448	4,607	4,591	4,486	4,459	4,352	4,365
Biometry/epidemiology	985	1,011	1,057	1,044	1,198	1,266	1,148	1,225
Biophysics	122	137	143	126	111	117	120	138
Botany	739	727	709	693	670	684	693	658
Cell/molecular biology	1,127	1,195	1,200	1,219	1,216	1,311	1,299	1,254
Ecology	599	637	625	634	666	698	699	744
Entomology/parasitology	266	263	277	271	291	283	310	341
Genetics	644	630	632	639	633	625	591	632
Microbiology, immunology, and virology	1,515	1,485	1,481	1,395	1,382	1,387	1,390	1,353
Nutrition	2,281	2,444	2,353	2,171	2,100	2,124	2,083	2,009
Pathology	512	525	544	531	501	490	525	558
Pharmacology	783	766	736	686	734	737	864	869
Physiology	586	598	552	494	492	484	473	465
Zoology	657	657	622	585	542	545	502	526
Other	1,102	1,108	1,046	1,072	1,102	1,214	1,323	1,469
Computer sciences	3,269	3,083	3,040	3,143	3,198	3,534	3,649	3,758
Earth, atmospheric, and ocean sciences	3,920	4,045	4,053	4,039	4,065	4,134	4,198	4,213
Atmospheric	125	120	118	117	108	111	126	156
Earth	1,629	1,718	1,772	1,771	1,753	1,810	1,868	1,853
Ocean	791	818	772	765	829	885	921	897
Other	1,375	1,389	1,391	1,386	1,375	1,328	1,283	1,307
Mathematics/statistics	3,668	3,426	3,290	3,035	3,040	2,861	2,608	2,798
Mathematics/applied mathematics	3,104	2,848	2,704	2,558	2,586	2,431	2,184	2,357
Statistics	564	578	586	477	454	430	424	441
Physical sciences	4,684	4,482	4,371	4,180	4,170	4,165	4,165	4,158
Astronomy	144	142	146	137	145	146	163	154
Chemistry	3,483	3,347	3,338	3,220	3,176	3,182	3,169	3,167
Physics	906	833	771	717	759	739	743	753
Other	151	160	116	106	90	98	90	84

TABLE D-2. Female S&amp;E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Psychology	29,350	28,163	27,753	27,408	26,707	26,128	24,537	24,557
Clinical	7,054	6,896	6,941	6,924	6,617	6,577	6,320	6,144
General	9,360	8,912	8,483	8,705	8,511	8,065	7,432	7,401
Nonclinical	12,936	12,355	12,329	11,779	11,579	11,486	10,785	11,012
Social sciences	27,048	26,619	26,490	25,756	24,784	24,980	23,959	24,265
Agricultural economics	380	378	355	315	295	309	331	331
Anthropology (cultural and social)	3,542	3,482	3,569	3,364	3,359	3,310	3,266	3,148
Economics	1,809	1,713	1,575	1,351	1,227	1,150	1,225	1,195
Geography	1,216	1,198	1,192	1,230	1,239	1,242	1,165	1,255
History and philosophy of science	116	112	119	120	149	163	158	182
Linguistics	1,127	1,058	1,071	995	934	901	801	830
Political science and public administration	10,381	10,007	9,442	9,244	8,645	8,765	8,565	8,749
Sociology	3,767	3,794	3,778	3,701	3,509	3,506	3,319	3,376
Other	4,710	4,877	5,389	5,436	5,427	5,634	5,129	5,199
Engineering	9,226	8,874	8,620	8,271	8,166	7,864	7,674	7,561
Aerospace	212	210	198	183	175	198	218	210
Agricultural	79	79	86	82	103	113	118	117
Biomedical	386	410	410	472	483	520	542	550
Chemical	725	705	705	742	704	643	672	610
Civil	2,530	2,401	2,408	2,312	2,206	2,098	2,124	2,097
Electrical	1,497	1,431	1,308	1,152	1,211	1,083	964	994
Engineering science/physics	167	166	154	142	150	137	134	138
Industrial/manufacturing	1,666	1,636	1,544	1,438	1,272	1,315	1,227	1,162
Mechanical	954	818	766	762	791	749	705	723
Metallurgical/materials	577	573	547	500	506	443	426	449
Mining	30	24	30	43	37	33	29	29
Nuclear	80	76	84	71	71	66	69	64
Petroleum	19	18	10	9	9	13	15	10
Other	304	327	370	363	448	453	431	408
Asian/Pacific Islander								
S&E	9,319	9,530	9,982	10,330	10,829	11,527	10,899	11,662
Sciences	7,500	7,749	8,200	8,548	8,995	9,518	9,008	9,498
Agricultural sciences	110	129	140	138	150	167	138	146
Biological sciences	1,928	2,134	2,210	2,320	2,354	2,371	2,247	2,536
Anatomy	51	46	50	52	32	33	29	32
Biochemistry	236	277	283	260	244	235	190	211
Biology	447	435	449	471	454	438	389	424
Biometry/epidemiology	131	151	197	200	246	262	285	294
Biophysics	31	33	27	21	18	29	29	35
Botany	42	33	38	37	53	48	51	57
Cell/molecular biology	132	143	161	174	229	260	252	270
Ecology	18	15	19	26	29	27	26	29
Entomology/parasitology	20	19	16	17	17	10	15	19
Genetics	50	56	61	66	65	82	56	73
Microbiology, immunology, and virology	166	197	209	253	234	216	217	244
Nutrition	182	217	225	226	212	199	173	201
Pathology	64	67	63	86	82	86	71	96
Pharmacology	133	146	138	129	149	142	150	180
Physiology	75	118	115	121	97	106	100	133
Zoology	24	25	27	21	30	28	15	16
Other	126	156	132	160	163	170	199	222
Computer sciences	1,357	1,337	1,432	1,648	1,920	2,322	2,100	2,092
Earth, atmospheric, and ocean sciences	155	159	160	164	186	192	172	173
Atmospheric	20	19	16	20	17	8	16	14
Earth	49	48	49	48	57	66	60	55

TABLE D-2. Female S&E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Ocean	33	32	32	25	26	36	35	30
Other	53	60	63	71	86	82	61	74
Mathematics/statistics	473	452	522	429	470	437	419	439
Mathematics/applied mathematics	393	355	397	321	369	328	309	345
Statistics	80	97	125	108	101	109	110	94
Physical sciences	670	621	648	594	610	636	602	591
Astronomy	14	8	15	17	15	13	14	15
Chemistry	497	483	513	478	485	495	499	475
Physics	149	123	108	86	96	117	79	94
Other	10	7	12	13	14	11	10	7
Psychology	1,148	1,182	1,292	1,399	1,468	1,507	1,543	1,626
Clinical	355	358	378	432	426	453	453	466
General	385	392	424	455	514	503	529	549
Nonclinical	408	432	490	512	528	551	561	611
Social sciences	1,659	1,735	1,796	1,856	1,837	1,886	1,787	1,895
Agricultural economics	19	27	25	22	25	18	13	15
Anthropology (cultural and social)	117	130	155	162	167	183	192	186
Economics	230	214	204	202	225	240	220	205
Geography	49	66	71	61	45	54	46	55
History and philosophy of science	5	7	8	6	9	9	9	10
Linguistics	125	120	126	150	133	114	78	106
Political science and public administration	546	624	614	653	632	634	681	700
Sociology	265	244	268	258	262	254	236	240
Other	303	303	325	342	339	380	312	378
Engineering	1,819	1,781	1,782	1,782	1,834	2,009	1,891	2,164
Aerospace	23	15	19	16	21	21	26	34
Agricultural	8	12	12	15	13	15	19	21
Biomedical	72	73	83	85	86	105	125	160
Chemical	140	121	137	151	148	176	171	173
Civil	342	365	351	290	313	316	246	282
Electrical	679	650	671	691	705	704	729	783
Engineering science/physics	33	39	32	45	44	43	19	25
Industrial/manufacturing	179	165	176	176	156	198	170	195
Mechanical	177	181	163	143	138	179	146	180
Metallurgical/materials	83	74	59	77	75	85	73	78
Mining	4	2	3	10	13	10	1	1
Nuclear	11	11	7	12	8	6	5	8
Petroleum	1	4	5	2	4	1	1	4
Other	67	69	64	69	110	150	160	220
Black								
S&E	9,564	10,075	10,819	11,012	11,329	11,743	12,615	13,291
Sciences	8,747	9,175	9,875	10,096	10,450	10,767	11,581	12,308
Agricultural sciences	121	146	139	126	164	142	148	192
Biological sciences	1,041	1,192	1,287	1,386	1,388	1,463	1,490	1,564
Anatomy	29	24	22	21	20	21	22	17
Biochemistry	56	60	65	63	76	76	81	76
Biology	329	386	459	483	481	482	502	507
Biometry/epidemiology	71	96	94	104	122	131	117	125
Biophysics	5	6	6	7	8	8	7	7
Botany	24	24	42	56	30	23	14	21
Cell/molecular biology	36	40	47	59	63	63	74	77
Ecology	6	8	7	5	8	11	11	13
Entomology/parasitology	6	8	10	8	6	8	8	6
Genetics	33	26	20	24	29	30	30	31
Microbiology, immunology, and virology	82	100	109	122	111	124	124	121
Nutrition	118	156	141	158	169	176	172	185

TABLE D-2. Female S&amp;E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Pathology	28	21	23	30	30	35	31	32
Pharmacology	63	64	67	73	85	96	91	108
Physiology	58	68	65	71	58	51	61	56
Zoology	14	15	12	9	11	11	8	5
Other	83	90	98	93	81	117	137	177
Computer sciences	486	503	560	535	591	677	678	773
Earth, atmospheric, and ocean sciences	85	99	104	98	99	101	100	102
Atmospheric	2	6	7	4	3	4	9	7
Earth	25	27	29	20	24	31	24	25
Ocean	15	16	14	15	15	14	14	15
Other	43	50	54	59	57	52	53	55
Mathematics/statistics	330	304	343	310	274	270	275	271
Mathematics/applied mathematics	302	273	306	286	254	248	241	242
Statistics	28	31	37	24	20	22	34	29
Physical sciences	359	368	436	444	432	402	423	413
Astronomy	4	5	7	5	3	3	4	4
Chemistry	298	298	343	348	332	318	340	341
Physics	51	61	78	71	83	70	67	53
Other	6	4	8	20	14	11	12	15
Psychology	2,678	2,542	2,644	2,736	2,926	2,872	3,382	3,674
Clinical	487	464	505	574	560	545	593	603
General	1,028	1,098	1,101	1,124	1,137	1,052	1,146	1,330
Nonclinical	1,163	980	1,038	1,038	1,229	1,275	1,643	1,741
Social sciences	3,647	4,021	4,362	4,461	4,576	4,840	5,085	5,319
Agricultural economics	35	33	28	36	25	35	38	35
Anthropology (cultural and social)	142	145	167	175	184	209	198	216
Economics	121	149	159	127	126	133	155	151
Geography	49	37	35	36	43	44	44	53
History and philosophy of science	3	1	3	2	4	7	6	9
Linguistics	47	38	31	30	32	36	31	32
Political science and public administration	1,832	2,076	2,187	2,254	2,339	2,530	2,634	2,788
Sociology	586	601	658	669	727	688	662	685
Other	832	941	1,094	1,132	1,096	1,158	1,317	1,350
Engineering	817	900	944	916	879	976	1,034	983
Aerospace	7	9	8	7	7	8	8	4
Agricultural	5	6	6	7	10	6	10	16
Biomedical	32	42	46	49	44	50	59	62
Chemical	79	90	97	87	80	79	78	89
Civil	136	158	161	144	133	173	177	158
Electrical	191	187	167	193	193	200	202	191
Engineering science/physics	10	9	12	8	7	7	13	10
Industrial/manufacturing	205	228	241	219	208	232	256	242
Mechanical	74	84	90	104	104	88	103	81
Metallurgical/materials	34	35	47	44	31	43	43	46
Mining	1	0	0	0	0	0	1	0
Nuclear	3	6	9	9	4	8	11	6
Petroleum	3	2	1	3	0	0	0	1
Other	37	44	59	42	58	82	73	77
Hispanic								
S&E	6,079	6,712	6,924	7,289	7,645	8,329	8,939	9,454
Sciences	5,499	6,100	6,255	6,650	6,958	7,627	8,200	8,613
Agricultural sciences	124	134	168	162	177	208	210	211
Biological sciences	881	974	1,001	1,091	1,132	1,219	1,226	1,331
Anatomy	12	15	17	7	4	11	12	8
Biochemistry	48	59	54	77	69	70	70	84
Biology	292	306	321	369	376	358	379	387

TABLE D-2. Female S&amp;E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Biometry/epidemiology	69	71	79	97	111	114	111	103
Biophysics	4	4	3	4	1	2	2	3
Botany	23	22	21	19	29	27	20	21
Cell/molecular biology	56	54	53	54	60	77	87	97
Ecology	19	20	25	20	20	26	33	40
Entomology/parasitology	12	11	15	16	8	11	13	18
Genetics	16	18	17	25	27	34	33	43
Microbiology, immunology, and virology	92	102	94	101	103	107	107	120
Nutrition	118	119	136	125	145	155	127	134
Pathology	13	15	21	25	23	28	29	36
Pharmacology	41	42	43	43	45	52	62	62
Physiology	18	36	33	32	27	40	26	26
Zoology	17	20	18	13	18	10	12	13
Other	31	60	51	64	66	97	103	136
Computer sciences	160	162	177	210	195	213	249	245
Earth, atmospheric, and ocean sciences	127	142	144	163	168	200	169	201
Atmospheric	3	2	2	3	2	3	4	7
Earth	54	53	44	59	54	70	56	78
Ocean	38	45	47	57	60	70	59	65
Other	32	42	51	44	52	57	50	51
Mathematics/statistics	128	152	159	173	178	177	150	169
Mathematics/applied mathematics	110	136	139	152	153	158	136	156
Statistics	18	16	20	21	25	19	14	13
Physical sciences	231	262	287	283	307	346	337	357
Astronomy	2	2	3	2	2	3	3	5
Chemistry	188	222	235	235	247	289	287	292
Physics	38	33	44	40	43	41	40	58
Other	3	5	5	6	15	13	7	2
Psychology	1,780	2,037	2,130	2,215	2,347	2,617	3,113	3,273
Clinical	483	618	634	680	858	922	1,080	1,155
General	564	569	623	632	635	653	706	736
Nonclinical	733	850	873	903	854	1,042	1,327	1,382
Social sciences	2,068	2,237	2,189	2,353	2,454	2,647	2,746	2,826
Agricultural economics	20	21	21	21	21	17	16	18
Anthropology (cultural and social)	175	202	194	195	195	198	219	224
Economics	99	102	100	92	98	88	78	102
Geography	46	38	30	31	34	47	41	47
History and philosophy of science	1	1	2	2	4	8	6	6
Linguistics	120	108	92	106	117	100	103	93
Political science and public administration	908	1,017	967	1,040	1,087	1,187	1,294	1,258
Sociology	294	320	322	368	359	379	373	364
Other	405	428	461	498	539	623	616	714
Engineering	580	612	669	639	687	702	739	841
Aerospace	8	11	9	8	9	10	13	17
Agricultural	3	2	2	5	5	4	11	16
Biomedical	16	12	18	17	27	36	29	32
Chemical	51	69	70	37	65	54	69	72
Civil	155	171	204	206	219	203	238	237
Electrical	125	113	121	121	120	138	99	142
Engineering science/physics	7	7	6	9	12	15	10	11
Industrial/manufacturing	103	106	118	115	117	135	140	167
Mechanical	55	55	60	62	57	52	49	66
Metallurgical/materials	39	37	31	34	30	26	24	26
Mining	0	1	2	1	0	0	1	2

TABLE D-2. Female S&amp;E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Nuclear	4	4	2	6	4	5	8	9
Petroleum	0	2	0	2	1	2	16	17
Other	14	22	26	16	21	22	32	27
American Indian/Alaskan Native								
S&E	689	763	770	795	810	811	870	879
Sciences	627	714	727	736	747	744	800	814
Agricultural sciences	17	30	26	28	25	22	22	22
Biological sciences	106	118	107	106	104	106	109	110
Anatomy	1	0	3	2	2	2	1	1
Biochemistry	7	6	4	8	4	4	3	6
Biology	33	40	36	30	27	32	36	25
Biometry/epidemiology	7	10	8	7	5	4	9	9
Biophysics	1	2	0	1	1	1	1	1
Botany	5	3	3	3	2	4	3	5
Cell/molecular biology	5	7	5	7	7	8	10	9
Ecology	5	6	3	6	3	2	3	5
Entomology/parasitology	0	1	1	0	2	1	1	1
Genetics	0	0	1	5	3	3	5	6
Microbiology, immunology, and virology	10	5	6	4	9	4	5	3
Nutrition	9	15	14	11	13	13	12	15
Pathology	1	1	4	3	3	1	1	2
Pharmacology	9	8	3	2	4	10	4	3
Physiology	6	3	3	4	5	5	2	4
Zoology	2	5	6	2	3	3	4	3
Other	5	6	7	11	11	9	9	12
Computer sciences	8	15	14	17	24	24	30	29
Earth, atmospheric, and ocean sciences	23	21	29	35	40	31	28	33
Atmospheric	2	1	1	1	0	0	0	1
Earth	15	15	14	17	18	13	10	15
Ocean	2	2	5	8	7	5	4	6
Other	4	3	9	9	15	13	14	11
Mathematics/statistics	12	27	17	14	18	18	10	16
Mathematics/applied mathematics	8	23	15	13	15	15	6	14
Statistics	4	4	2	1	3	3	4	2
Physical sciences	18	19	18	24	23	29	21	27
Astronomy	1	1	1	1	1	1	0	0
Chemistry	13	13	14	20	18	23	18	23
Physics	3	5	3	3	4	5	3	4
Other	1	0	0	0	0	0	0	0
Psychology	220	237	248	223	224	215	259	253
Clinical	61	70	79	72	84	63	72	69
General	76	84	86	74	68	70	87	80
Nonclinical	83	83	83	77	72	82	100	104
Social sciences	223	247	268	289	289	299	321	324
Agricultural economics	2	2	2	3	3	1	1	0
Anthropology (cultural and social)	55	63	62	59	70	60	59	56
Economics	6	12	7	8	5	9	13	9
Geography	7	9	5	5	5	5	7	10
History and philosophy of science	1	1	0	0	0	1	2	2
Linguistics	4	5	2	4	7	10	8	9
Political science and public administration	76	72	80	86	84	91	90	98
Sociology	36	36	43	50	45	40	48	41
Other	36	47	67	74	70	82	93	99
Engineering	62	49	43	59	63	67	70	65
Aerospace	2	2	0	0	0	0	2	2
Agricultural	0	1	0	2	2	0	2	2



TABLE D-2. Female S&E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Biomedical	5	1	1	1	2	1	1	1
Chemical	6	8	8	8	8	5	11	8
Civil	17	10	10	17	12	13	10	14
Electrical	7	5	5	7	8	11	11	6
Engineering science/physics	1	1	0	1	1	1	2	2
Industrial/manufacturing	7	7	4	6	11	16	14	13
Mechanical	10	7	7	8	5	8	9	9
Metallurgical/materials	1	1	1	2	6	5	2	2
Mining	0	0	0	0	0	0	0	0
Nuclear	2	1	1	1	1	1	1	0
Petroleum	0	0	0	1	0	0	0	0
Other	4	5	6	5	7	6	5	6
Other race/ethnicity								
S&E	5,493	7,120	7,353	7,793	7,840	8,126	8,945	9,272
Sciences	4,791	6,359	6,576	6,929	7,088	7,363	8,121	8,372
Agricultural sciences	108	142	101	158	133	110	179	209
Biological sciences	717	853	851	1,044	1,092	1,218	1,227	1,318
Anatomy	14	9	8	11	15	9	9	5
Biochemistry	30	45	37	85	59	61	41	73
Biology	284	358	315	368	368	397	336	355
Biometry/epidemiology	36	42	60	73	140	100	96	108
Biophysics	2	1	13	12	25	13	15	6
Botany	18	23	25	25	33	24	31	36
Cell/molecular biology	20	35	30	52	65	98	140	152
Ecology	25	27	23	28	25	32	49	45
Entomology/parasitology	7	7	7	13	10	9	10	10
Genetics	8	15	17	21	18	63	73	58
Microbiology, immunology, and virology	54	45	46	68	68	130	118	110
Nutrition	81	89	102	73	68	78	101	128
Pathology	26	11	19	32	32	38	39	41
Pharmacology	23	33	25	27	26	27	25	34
Physiology	22	20	29	43	23	24	25	14
Zoology	19	16	8	17	30	21	25	23
Other	48	77	87	96	87	94	94	120
Computer sciences	388	437	513	645	649	667	822	845
Earth, atmospheric, and ocean sciences	132	171	185	198	247	210	188	194
Atmospheric	5	3	7	20	16	11	11	10
Earth	70	89	93	91	115	79	80	74
Ocean	23	25	33	21	43	28	32	36
Other	34	54	52	66	73	92	65	74
Mathematics/statistics	231	241	226	208	225	219	208	248
Mathematics/applied mathematics	184	214	198	183	186	187	167	195
Statistics	47	27	28	25	39	32	41	53
Physical sciences	236	298	244	312	291	284	320	364
Astronomy	9	12	6	7	15	6	13	13
Chemistry	174	219	168	236	183	170	197	202
Physics	50	65	66	64	77	75	70	117
Other	3	2	4	5	16	33	40	32
Psychology	1,560	2,373	2,415	2,380	2,402	2,582	2,689	2,463
Clinical	316	329	347	402	378	445	459	621
General	533	553	541	505	593	606	691	739
Nonclinical	711	1,491	1,527	1,473	1,431	1,531	1,539	1,103
Social sciences	1,419	1,844	2,041	1,984	2,049	2,073	2,488	2,731
Agricultural economics	17	19	10	17	21	13	14	24
Anthropology (cultural and social)	169	188	177	172	194	236	293	311

TABLE D-2. Female S&amp;E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Economics	80	94	90	87	127	99	146	170
Geography	59	60	64	65	88	74	85	76
History and philosophy of science	0	4	5	11	4	6	8	10
Linguistics	56	94	81	103	74	72	109	91
Political science and public administration	651	857	987	768	750	727	884	1,015
Sociology	146	201	168	193	196	207	247	217
Other	241	327	459	568	595	639	702	817
Engineering	702	761	777	864	752	763	824	900
Aerospace	9	9	12	13	12	18	15	15
Agricultural	5	1	2	17	8	12	13	10
Biomedical	11	24	11	22	34	32	22	66
Chemical	53	52	47	51	54	63	66	46
Civil	130	160	183	146	163	152	128	155
Electrical	187	184	192	276	224	203	276	286
Engineering science/physics	4	6	12	4	6	12	17	23
Industrial/manufacturing	138	164	136	125	105	107	116	112
Mechanical	99	79	58	87	58	65	73	66
Metallurgical/materials	32	22	18	44	29	16	13	21
Mining	0	0	6	1	1	0	0	0
Nuclear	3	2	2	1	0	1	1	1
Petroleum	0	1	0	1	1	1	8	8
Other	31	57	98	76	57	81	76	91
Temporary resident								
S&E	25,879	26,162	27,114	28,277	30,037	32,950	36,561	40,408
Sciences	21,035	21,126	21,695	22,088	23,430	25,444	27,981	30,695
Agricultural sciences	840	860	842	814	823	826	823	944
Biological sciences	5,554	5,462	5,278	5,144	5,473	5,458	5,848	6,347
Anatomy	105	107	86	80	72	84	86	89
Biochemistry	754	744	673	595	633	662	717	756
Biology	898	930	942	975	1,021	977	1,015	1,107
Biometry/epidemiology	287	292	279	256	337	365	426	494
Biophysics	53	58	52	45	45	43	55	75
Botany	313	312	272	286	301	283	287	286
Cell/molecular biology	386	374	398	394	412	456	540	587
Ecology	73	61	66	62	72	74	85	84
Entomology/parasitology	106	105	98	85	80	84	85	85
Genetics	161	137	153	179	195	170	180	198
Microbiology, immunology, and virology	571	523	487	453	464	482	473	544
Nutrition	729	735	709	696	706	686	728	764
Pathology	138	140	135	125	133	126	132	136
Pharmacology	300	252	279	269	282	279	319	350
Physiology	221	215	184	169	184	188	190	213
Zoology	111	93	94	75	78	68	94	99
Other	348	384	371	400	458	431	436	480
Computer sciences	2,419	2,596	3,061	3,683	4,225	5,133	6,635	7,552
Earth, atmospheric, and ocean sciences	877	797	772	719	763	857	896	976
Atmospheric	85	86	83	98	88	105	102	103
Earth	381	333	319	290	294	331	355	383
Ocean	213	169	167	164	182	184	202	206
Other	198	209	203	167	199	237	237	284
Mathematics/statistics	1,689	1,656	1,662	1,699	1,783	2,061	2,111	2,336
Mathematics/applied mathematics	1,301	1,220	1,227	1,270	1,332	1,495	1,466	1,519
Statistics	388	436	435	429	451	566	645	817
Physical sciences	2,969	3,035	3,041	3,011	2,920	3,053	3,260	3,422
Astronomy	49	53	49	39	49	53	70	74
Chemistry	2,192	2,246	2,228	2,185	2,123	2,140	2,263	2,348

TABLE D-2. Female S&amp;E graduate students, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Physics	711	715	739	763	718	829	904	966
Other	17	21	25	24	30	31	23	34
Psychology	1,402	1,230	1,265	1,258	1,388	1,449	1,507	1,737
Clinical	242	197	203	228	250	280	306	331
General	423	387	388	379	386	435	496	603
Nonclinical	737	646	674	651	752	734	705	803
Social sciences	5,285	5,490	5,774	5,760	6,055	6,607	6,901	7,381
Agricultural economics	275	303	269	274	290	322	376	412
Anthropology (cultural and social)	393	343	362	374	387	448	461	421
Economics	1,448	1,592	1,648	1,645	1,656	1,780	1,936	2,150
Geography	172	177	164	197	209	237	243	290
History and philosophy of science	14	13	15	21	23	18	30	25
Linguistics	587	577	620	629	656	600	614	632
Political science and public administration	1,190	1,297	1,355	1,359	1,424	1,641	1,796	1,910
Sociology	646	587	548	583	598	665	719	786
Other	560	601	793	678	812	896	726	755
Engineering	4,844	5,036	5,419	6,189	6,607	7,506	8,580	9,713
Aerospace	97	95	106	144	158	168	187	203
Agricultural	100	101	102	90	102	101	95	102
Biomedical	175	164	164	180	194	260	292	370
Chemical	475	522	587	644	668	713	814	831
Civil	901	967	983	1,049	1,056	1,202	1,363	1,536
Electrical	1,416	1,518	1,658	1,998	2,286	2,634	3,070	3,628
Engineering science/physics	84	69	79	69	111	104	147	154
Industrial/manufacturing	559	517	550	577	583	656	811	917
Mechanical	454	453	492	613	609	647	768	814
Metallurgical/materials	317	332	374	416	453	466	460	551
Mining	15	15	13	8	4	12	14	4
Nuclear	50	45	48	43	46	57	61	69
Petroleum	36	44	44	59	40	65	47	52
Other	165	194	219	299	297	421	451	482

NOTES: Racial/ethnic breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 1994–2001.