

TABLE D-4. First-time enrollment of full-time S&amp;E graduate students, by field and sex: 1994–2001

Page 1 of 4

Field and sex	1994	1995	1996	1997	1998	1999	2000	2001
S&E	78,036	74,362	73,447	73,600	74,373	75,429	78,678	82,520
Sciences	58,265	56,286	55,441	54,752	55,112	54,916	56,220	59,245
Agricultural sciences	2,300	2,239	2,122	2,102	2,249	2,201	2,267	2,324
Biological sciences	11,365	11,407	10,824	11,108	11,385	10,989	11,017	11,705
Anatomy	209	230	237	195	192	171	209	180
Biochemistry	1,032	983	947	998	1,022	896	928	851
Biology	2,742	2,690	2,579	2,687	2,498	2,521	2,292	2,425
Biometry/epidemiology	657	738	671	661	817	786	820	910
Biophysics	149	153	155	133	158	118	126	162
Botany	483	443	443	415	449	404	399	353
Cell/molecular biology	774	739	766	825	889	851	948	962
Ecology	285	308	245	244	256	248	277	348
Entomology/parasitology	206	184	202	194	233	179	185	202
Genetics	345	344	387	436	395	425	378	381
Microbiology, immunology, and virology	899	905	844	864	857	904	825	884
Nutrition	798	857	831	797	940	834	835	906
Pathology	334	296	291	350	279	320	272	320
Pharmacology	533	500	422	458	513	487	546	501
Physiology	649	811	725	633	654	608	565	615
Zoology	343	346	318	317	276	269	240	261
Other	927	880	761	901	957	968	1,172	1,444
Computer sciences	4,756	4,783	4,917	5,018	5,758	6,677	8,452	9,040
Earth, atmospheric, and ocean sciences	3,007	2,801	2,631	2,681	2,859	2,746	2,650	2,794
Atmospheric	224	198	213	224	189	203	222	205
Earth	1,519	1,423	1,326	1,339	1,348	1,296	1,231	1,383
Ocean	519	420	371	410	471	474	479	511
Other	745	760	721	708	851	773	718	695
Mathematics/statistics	3,963	3,578	3,450	3,302	3,334	3,271	3,417	3,686
Mathematics/applied mathematics	3,341	2,904	2,845	2,741	2,721	2,650	2,755	2,892
Statistics	622	674	605	561	613	621	662	794
Physical sciences	6,456	6,129	6,015	6,037	5,932	6,004	5,838	5,995
Astronomy	164	147	157	125	162	171	183	193
Chemistry	3,813	3,708	3,702	3,758	3,682	3,672	3,490	3,635
Physics	2,381	2,188	2,088	2,074	2,046	2,074	2,102	2,102
Other	98	86	68	80	42	87	63	65
Psychology	9,530	9,241	9,140	8,800	8,590	8,305	7,562	7,712
Clinical	2,235	2,092	2,115	2,059	2,001	1,992	1,829	1,726
General	3,483	3,372	3,178	3,187	3,060	2,745	2,551	2,678
Nonclinical	3,812	3,777	3,847	3,554	3,529	3,568	3,182	3,308
Social sciences	16,888	16,108	16,342	15,704	15,005	14,723	15,017	15,989
Agricultural economics	533	492	436	467	417	482	455	496
Anthropology (cultural and social)	1,331	1,247	1,252	1,196	1,219	1,193	1,160	1,119
Economics	2,793	2,605	2,466	2,368	2,352	2,355	2,525	2,562
Geography	959	836	870	914	805	830	789	870
History and philosophy of science	74	70	58	79	89	91	78	72
Linguistics	612	594	620	579	493	422	454	495
Political science and public administration	6,131	5,916	5,842	5,264	4,953	4,844	5,153	5,600
Sociology	1,548	1,503	1,505	1,525	1,428	1,307	1,303	1,425
Other	2,907	2,845	3,293	3,312	3,249	3,199	3,100	3,350
Engineering	19,771	18,076	18,006	18,848	19,261	20,513	22,458	23,275
Aerospace	793	650	687	735	717	727	775	772
Agricultural	193	177	183	165	155	202	177	187
Biomedical	566	592	572	671	695	734	926	859
Chemical	1,465	1,421	1,478	1,467	1,503	1,491	1,598	1,541
Civil	4,194	3,825	3,845	3,792	3,785	3,726	3,851	3,821
Electrical	5,450	4,974	4,850	5,505	5,685	6,306	7,335	7,828

TABLE D-4. First-time enrollment of full-time S&amp;E graduate students, by field and sex: 1994–2001

Page 2 of 4

Field and sex	1994	1995	1996	1997	1998	1999	2000	2001
Engineering science/physics	313	275	273	274	308	255	299	339
Industrial/manufacturing	1,731	1,541	1,605	1,549	1,547	1,851	2,021	2,166
Mechanical	3,218	2,832	2,785	2,829	2,923	3,119	3,342	3,583
Metallurgical/materials	858	822	791	870	900	892	1,005	975
Mining	85	53	51	73	44	45	48	40
Nuclear	208	187	182	178	153	150	163	164
Petroleum	100	109	122	121	132	149	149	153
Other	597	618	582	619	714	866	769	847
Female								
S&E	29,804	29,225	29,728	29,990	30,494	31,098	32,200	34,287
Sciences	26,307	25,836	26,167	26,200	26,630	26,845	27,337	29,256
Agricultural sciences	890	896	846	904	1,019	987	1,111	1,163
Biological sciences	5,648	5,682	5,507	5,767	6,062	5,961	6,151	6,700
Anatomy	106	94	108	97	98	82	122	103
Biochemistry	449	445	420	423	463	413	446	434
Biology	1,315	1,307	1,295	1,372	1,297	1,349	1,229	1,365
Biometry/epidemiology	391	415	404	389	510	507	531	610
Biophysics	28	44	36	32	40	41	41	45
Botany	226	215	203	228	241	211	221	192
Cell/molecular biology	353	345	383	406	441	447	498	506
Ecology	131	132	128	129	123	136	152	199
Entomology/parasitology	79	72	72	73	84	64	101	92
Genetics	210	210	230	270	254	261	243	244
Microbiology, immunology, and virology	453	442	425	453	458	487	445	514
Nutrition	603	644	655	630	722	649	654	717
Pathology	162	143	143	181	157	175	169	202
Pharmacology	263	241	217	221	274	270	289	288
Physiology	251	329	286	244	258	251	255	291
Zoology	170	158	149	157	135	126	113	139
Other	458	446	353	462	507	492	642	759
Computer sciences	1,075	1,153	1,223	1,288	1,517	1,797	2,233	2,375
Earth, atmospheric, and ocean sciences	1,109	1,090	1,030	1,076	1,264	1,278	1,211	1,315
Atmospheric	50	50	47	67	49	71	68	87
Earth	489	504	464	475	547	543	513	586
Ocean	214	187	180	191	242	244	254	271
Other	356	349	339	343	426	420	376	371
Mathematics/statistics	1,373	1,241	1,243	1,225	1,238	1,257	1,280	1,442
Mathematics/applied mathematics	1,136	948	991	999	965	961	943	1,030
Statistics	237	293	252	226	273	296	337	412
Physical sciences	1,856	1,775	1,831	1,885	1,724	1,921	1,897	1,919
Astronomy	36	41	49	40	46	46	62	53
Chemistry	1,406	1,331	1,372	1,454	1,294	1,434	1,399	1,390
Physics	378	361	373	355	371	409	408	450
Other	36	42	37	36	13	32	28	26
Psychology	6,536	6,390	6,408	6,230	6,172	6,022	5,609	5,850
Clinical	1,549	1,477	1,516	1,467	1,435	1,485	1,410	1,295
General	2,313	2,251	2,145	2,201	2,140	1,902	1,828	1,972
Nonclinical	2,674	2,662	2,747	2,562	2,597	2,635	2,371	2,583
Social sciences	7,820	7,609	8,079	7,825	7,634	7,622	7,845	8,492
Agricultural economics	196	186	158	166	157	193	195	203
Anthropology (cultural and social)	781	724	783	723	724	734	708	702
Economics	905	840	765	820	847	810	983	936
Geography	341	311	339	349	317	363	323	377
History and philosophy of science	28	23	24	33	38	41	31	31
Linguistics	386	352	415	416	329	275	286	327

TABLE D-4. First-time enrollment of full-time S&amp;E graduate students, by field and sex: 1994–2001

Page 3 of 4

Field and sex	1994	1995	1996	1997	1998	1999	2000	2001
Political science and public administration	2,776	2,806	2,848	2,541	2,418	2,505	2,638	2,973
Sociology	974	912	950	949	922	852	856	953
Other	1,433	1,455	1,797	1,828	1,882	1,849	1,825	1,990
Engineering	3,497	3,389	3,561	3,790	3,864	4,253	4,863	5,031
Aerospace	99	73	86	94	89	96	127	111
Agricultural	41	44	48	57	47	76	64	68
Biomedical	157	182	181	231	222	247	348	315
Chemical	307	322	359	390	386	382	401	400
Civil	1,013	958	988	1,007	1,015	1,066	1,182	1,094
Electrical	694	731	715	824	893	1,079	1,264	1,523
Engineering science/physics	46	37	57	52	68	48	72	71
Industrial/manufacturing	441	352	314	327	313	349	461	438
Mechanical	351	321	379	393	350	390	438	478
Metallurgical/materials	189	193	208	211	251	248	243	262
Mining	11	5	10	16	9	10	11	7
Nuclear	22	27	39	25	29	35	43	40
Petroleum	12	14	15	9	15	21	25	23
Other	114	130	162	154	177	206	184	201
Male								
S&E	48,232	45,137	43,719	43,610	43,879	44,331	46,478	48,233
Sciences	31,958	30,450	29,274	28,552	28,482	28,071	28,883	29,989
Agricultural sciences	1,410	1,343	1,276	1,198	1,230	1,214	1,156	1,161
Biological sciences	5,717	5,725	5,317	5,341	5,323	5,028	4,866	5,005
Anatomy	103	136	129	98	94	89	87	77
Biochemistry	583	538	527	575	559	483	482	417
Biology	1,427	1,383	1,284	1,315	1,201	1,172	1,063	1,060
Biometry/epidemiology	266	323	267	272	307	279	289	300
Biophysics	121	109	119	101	118	77	85	117
Botany	257	228	240	187	208	193	178	161
Cell/molecular biology	421	394	383	419	448	404	450	456
Ecology	154	176	117	115	133	112	125	149
Entomology/parasitology	127	112	130	121	149	115	84	110
Genetics	135	134	157	166	141	164	135	137
Microbiology, immunology, and virology	446	463	419	411	399	417	380	370
Nutrition	195	213	176	167	218	185	181	189
Pathology	172	153	148	169	122	145	103	118
Pharmacology	270	259	205	237	239	217	257	213
Physiology	398	482	439	389	396	357	310	324
Zoology	173	188	169	160	141	143	127	122
Other	469	434	408	439	450	476	530	685
Computer sciences	3,681	3,630	3,694	3,730	4,241	4,880	6,219	6,665
Earth, atmospheric, and ocean sciences	1,898	1,711	1,601	1,605	1,595	1,468	1,439	1,479
Atmospheric	174	148	166	157	140	132	154	118
Earth	1,030	919	862	864	801	753	718	797
Ocean	305	233	191	219	229	230	225	240
Other	389	411	382	365	425	353	342	324
Mathematics/statistics	2,590	2,337	2,207	2,077	2,096	2,014	2,137	2,244
Mathematics/applied mathematics	2,205	1,956	1,854	1,742	1,756	1,689	1,812	1,862
Statistics	385	381	353	335	340	325	325	382
Physical sciences	4,600	4,354	4,184	4,152	4,208	4,083	3,941	4,076
Astronomy	128	106	108	85	116	125	121	140
Chemistry	2,407	2,377	2,330	2,304	2,388	2,238	2,091	2,245
Physics	2,003	1,827	1,715	1,719	1,675	1,665	1,694	1,652
Other	62	44	31	44	29	55	35	39

TABLE D-4. First-time enrollment of full-time S&amp;E graduate students, by field and sex: 1994–2001

Page 4 of 4

Field and sex	1994	1995	1996	1997	1998	1999	2000	2001
Psychology	2,994	2,851	2,732	2,570	2,418	2,283	1,953	1,862
Clinical	686	615	599	592	566	507	419	431
General	1,170	1,121	1,033	986	920	843	723	706
Nonclinical	1,138	1,115	1,100	992	932	933	811	725
Social sciences	9,068	8,499	8,263	7,879	7,371	7,101	7,172	7,497
Agricultural economics	337	306	278	301	260	289	260	293
Anthropology (cultural and social)	550	523	469	473	495	459	452	417
Economics	1,888	1,765	1,701	1,548	1,505	1,545	1,542	1,626
Geography	618	525	531	565	488	467	466	493
History and philosophy of science	46	47	34	46	51	50	47	41
Linguistics	226	242	205	163	164	147	168	168
Political science and public administration	3,355	3,110	2,994	2,723	2,535	2,339	2,515	2,627
Sociology	574	591	555	576	506	455	447	472
Other	1,474	1,390	1,496	1,484	1,367	1,350	1,275	1,360
Engineering	16,274	14,687	14,445	15,058	15,397	16,260	17,595	18,244
Aerospace	694	577	601	641	628	631	648	661
Agricultural	152	133	135	108	108	126	113	119
Biomedical	409	410	391	440	473	487	578	544
Chemical	1,158	1,099	1,119	1,077	1,117	1,109	1,197	1,141
Civil	3,181	2,867	2,857	2,785	2,770	2,660	2,669	2,727
Electrical	4,756	4,243	4,135	4,681	4,792	5,227	6,071	6,305
Engineering science/physics	267	238	216	222	240	207	227	268
Industrial/manufacturing	1,290	1,189	1,291	1,222	1,234	1,502	1,560	1,728
Mechanical	2,867	2,511	2,406	2,436	2,573	2,729	2,904	3,105
Metallurgical/materials	669	629	583	659	649	644	762	713
Mining	74	48	41	57	35	35	37	33
Nuclear	186	160	143	153	124	115	120	124
Petroleum	88	95	107	112	117	128	124	130
Other	483	488	420	465	537	660	585	646

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