

TABLE D-4. First-time enrollment of full-time S&E graduate students, by field and sex: 1999–2006

Field and sex	1999	2000	2001	2002	2003	2004	2005	2006
S&E	75,447	78,332	82,411	86,827	89,331	86,565	89,038	94,413
Science	54,934	56,141	59,105	62,220	64,902	64,540	66,665	68,537
Agricultural sciences	2,253	2,335	2,338	2,320	2,424	2,316	2,260	2,206
Biological sciences	10,959	10,955	11,608	12,127	12,719	12,796	12,918	13,055
Anatomy	161	198	159	193	178	180	213	213
Biochemistry	896	929	851	880	958	907	930	992
Biology	2,521	2,282	2,376	2,532	2,610	2,740	2,826	2,994
Biometry/epidemiology	825	837	953	1,001	1,022	986	1,069	974
Biophysics	118	128	162	166	223	210	174	186
Botany	363	357	315	335	307	336	316	318
Cell/molecular biology	867	977	993	1,085	1,125	1,140	1,208	1,294
Ecology	251	280	348	317	345	302	314	294
Entomology/parasitology	179	185	202	203	175	211	153	169
Genetics	427	380	382	362	373	441	365	348
Microbiology, immunology, and virology	904	823	884	914	909	889	868	853
Nutrition	834	830	906	890	895	843	863	905
Pathology	320	276	320	294	256	277	248	269
Pharmacology	487	549	507	554	552	510	466	469
Physiology	608	570	615	633	760	731	678	597
Zoology	263	230	247	231	258	212	199	179
Other	935	1,124	1,388	1,537	1,773	1,881	2,028	2,001
Computer sciences	6,677	8,431	9,077	9,037	8,134	7,783	8,258	8,983
Earth, atmospheric, and ocean sciences	2,746	2,649	2,794	3,085	3,104	2,926	2,758	2,795
Atmospheric	203	222	205	213	268	228	228	207
Earth	1,296	1,230	1,383	1,437	1,412	1,336	1,308	1,348
Ocean	474	479	511	533	567	534	463	457
Other	773	718	695	902	857	828	759	783
Mathematics and statistics	3,271	3,419	3,686	3,918	4,185	4,252	4,196	4,342
Mathematics/applied mathematics	2,650	2,757	2,892	3,114	3,266	3,365	3,263	3,398
Statistics	621	662	794	804	919	887	933	944
Physical sciences	6,004	5,829	6,011	6,280	6,841	6,603	6,657	6,626
Astronomy	171	183	193	194	225	210	190	204
Chemistry	3,672	3,482	3,651	3,746	3,983	3,862	3,904	3,900
Physics	2,074	2,101	2,102	2,231	2,543	2,442	2,458	2,409
Other	87	63	65	109	90	89	105	113
Psychology	8,305	7,545	7,691	8,420	8,858	9,478	10,358	10,224
Clinical	1,992	1,829	1,731	1,898	1,986	2,251	2,318	2,201
General	2,712	2,534	2,610	2,621	2,977	2,946	3,385	3,374
Nonclinical	3,601	3,182	3,350	3,901	3,895	4,281	4,655	4,649
Social sciences	14,719	14,978	15,900	17,033	18,637	18,386	19,260	20,306
Agricultural economics	482	455	496	575	536	523	557	543
Anthropology (cultural and social)	1,193	1,157	1,119	1,177	1,279	1,187	1,243	1,314
Economics	2,355	2,508	2,562	2,843	2,921	2,686	2,724	2,907
Geography	830	784	872	812	915	860	898	845
History and philosophy of science	91	78	72	97	107	107	138	121
Linguistics	422	454	495	466	588	570	633	577
Political science and public administration	4,837	5,142	5,562	6,241	6,950	7,333	7,807	8,319
Sociology	1,451	1,464	1,591	1,690	1,722	1,537	1,672	1,504
Other	3,058	2,936	3,131	3,132	3,619	3,583	3,588	4,176
Engineering	20,513	22,191	23,306	24,607	24,429	22,025	22,373	25,876
Aerospace	727	775	767	712	845	834	804	943
Agricultural	212	188	192	201	197	177	190	222
Biomedical	724	915	884	1,125	1,327	1,274	1,267	1,472
Chemical	1,491	1,595	1,541	1,616	1,600	1,392	1,293	1,429
Civil	3,726	3,840	3,820	4,107	4,363	4,175	4,057	4,198
Electrical	6,369	7,195	7,882	8,221	7,834	6,633	6,987	8,668
Engineering science/physics	255	299	339	404	392	361	317	321
Industrial/manufacturing	1,851	2,005	2,216	2,238	2,029	1,724	1,674	2,148
Mechanical	3,119	3,269	3,583	3,709	3,476	3,129	3,225	3,734

TABLE D-4. First-time enrollment of full-time S&E graduate students, by field and sex: 1999–2006

Field and sex	1999	2000	2001	2002	2003	2004	2005	2006
Metallurgical/materials	892	1,005	975	1,044	958	926	992	1,043
Mining	45	48	40	41	73	64	58	50
Nuclear	150	163	164	149	177	192	193	206
Petroleum	149	149	153	198	166	151	161	174
Other	803	745	750	842	992	993	1,155	1,268
Female	31,113	32,155	34,229	37,023	38,824	38,181	39,260	41,212
Science	26,860	27,336	29,181	31,334	32,778	32,804	33,918	34,912
Agricultural sciences	1,018	1,156	1,172	1,160	1,247	1,167	1,204	1,157
Biological sciences	5,944	6,118	6,647	7,012	7,357	7,538	7,453	7,507
Anatomy	77	115	90	110	106	100	103	121
Biochemistry	413	451	434	457	461	465	494	514
Biology	1,349	1,224	1,339	1,455	1,501	1,611	1,534	1,656
Biometry/epidemiology	521	535	627	613	627	605	671	615
Biophysics	41	43	45	75	85	79	62	59
Botany	188	195	171	199	168	197	185	175
Cell/molecular biology	455	516	526	572	622	627	653	727
Ecology	138	153	199	173	220	174	199	174
Entomology/parasitology	64	101	92	91	88	107	73	82
Genetics	262	245	244	239	254	294	261	247
Microbiology, immunology, and virology	487	443	514	535	530	549	512	510
Nutrition	649	650	717	714	724	692	709	714
Pathology	175	173	202	184	168	177	158	179
Pharmacology	270	293	291	329	309	280	252	273
Physiology	251	257	291	296	391	385	359	313
Zoology	123	108	132	127	134	125	104	97
Other	481	616	733	843	969	1,071	1,124	1,051
Computer sciences	1,797	2,234	2,389	2,308	2,017	1,864	1,952	2,228
Earth, atmospheric, and ocean sciences	1,278	1,211	1,315	1,459	1,559	1,442	1,406	1,392
Atmospheric	71	68	87	73	100	90	85	86
Earth	543	513	586	612	655	607	636	627
Ocean	244	254	271	278	331	310	251	252
Other	420	376	371	496	473	435	434	427
Mathematics and statistics	1,257	1,282	1,442	1,525	1,606	1,571	1,489	1,621
Mathematics/applied mathematics	961	945	1,030	1,131	1,175	1,160	1,077	1,166
Statistics	296	337	412	394	431	411	412	455
Physical sciences	1,921	1,899	1,924	2,220	2,342	2,271	2,270	2,303
Astronomy	46	62	53	76	85	71	70	76
Chemistry	1,434	1,401	1,395	1,624	1,667	1,653	1,599	1,675
Physics	409	408	450	462	555	504	548	494
Other	32	28	26	58	35	43	53	58
Psychology	6,022	5,601	5,848	6,390	6,694	7,175	7,904	7,777
Clinical	1,485	1,410	1,303	1,477	1,552	1,748	1,811	1,717
General	1,876	1,820	1,928	1,899	2,160	2,090	2,432	2,430
Nonclinical	2,661	2,371	2,617	3,014	2,982	3,337	3,661	3,630
Social sciences	7,623	7,835	8,444	9,260	9,956	9,776	10,240	10,927
Agricultural economics	193	195	203	254	225	214	249	248
Anthropology (cultural and social)	734	710	702	771	843	786	820	880
Economics	810	976	936	1,107	1,102	1,006	980	1,050
Geography	363	321	378	354	389	365	376	374
History and philosophy of science	41	31	31	43	43	45	73	52
Linguistics	275	286	327	304	380	375	413	378
Political science and public administration	2,503	2,634	2,962	3,496	3,736	3,889	4,150	4,345
Sociology	956	960	1,067	1,116	1,143	1,009	1,065	968
Other	1,748	1,722	1,838	1,815	2,095	2,087	2,114	2,632
Engineering	4,253	4,819	5,048	5,689	6,046	5,377	5,342	6,300
Aerospace	96	127	111	120	131	150	128	161
Agricultural	82	67	71	67	71	68	61	83
Biomedical	241	345	323	459	519	521	493	599

TABLE D-4. First-time enrollment of full-time S&E graduate students, by field and sex: 1999–2006

Field and sex	1999	2000	2001	2002	2003	2004	2005	2006
Chemical	382	398	400	474	501	412	402	464
Civil	1,066	1,175	1,098	1,238	1,441	1,321	1,280	1,377
Electrical	1,112	1,247	1,558	1,712	1,666	1,281	1,327	1,747
Engineering science/physics	48	72	71	89	99	89	74	87
Industrial/manufacturing	349	459	443	476	530	453	462	592
Mechanical	390	432	478	482	516	461	477	518
Metallurgical/materials	248	243	262	297	261	258	273	292
Mining	10	11	7	9	14	5	7	9
Nuclear	35	43	40	26	40	51	48	42
Petroleum	21	25	23	34	31	31	24	33
Other	173	175	163	206	226	276	286	296
Male	44,334	46,177	48,182	49,804	50,507	48,384	49,778	53,201
Science	28,074	28,805	29,924	30,886	32,124	31,736	32,747	33,625
Agricultural sciences	1,235	1,179	1,166	1,160	1,177	1,149	1,056	1,049
Biological sciences	5,015	4,837	4,961	5,115	5,362	5,258	5,465	5,548
Anatomy	84	83	69	83	72	80	110	92
Biochemistry	483	478	417	423	497	442	436	478
Biology	1,172	1,058	1,037	1,077	1,109	1,129	1,292	1,338
Biometry/epidemiology	304	302	326	388	395	381	398	359
Biophysics	77	85	117	91	138	131	112	127
Botany	175	162	144	136	139	139	131	143
Cell/molecular biology	412	461	467	513	503	513	555	567
Ecology	113	127	149	144	125	128	115	120
Entomology/parasitology	115	84	110	112	87	104	80	87
Genetics	165	135	138	123	119	147	104	101
Microbiology, immunology, and virology	417	380	370	379	379	340	356	343
Nutrition	185	180	189	176	171	151	154	191
Pathology	145	103	118	110	88	100	90	90
Pharmacology	217	256	216	225	243	230	214	196
Physiology	357	313	324	337	369	346	319	284
Zoology	140	122	115	104	124	87	95	82
Other	454	508	655	694	804	810	904	950
Computer sciences	4,880	6,197	6,688	6,729	6,117	5,919	6,306	6,755
Earth, atmospheric, and ocean sciences	1,468	1,438	1,479	1,626	1,545	1,484	1,352	1,403
Atmospheric	132	154	118	140	168	138	143	121
Earth	753	717	797	825	757	729	672	721
Ocean	230	225	240	255	236	224	212	205
Other	353	342	324	406	384	393	325	356
Mathematics and statistics	2,014	2,137	2,244	2,393	2,579	2,681	2,707	2,721
Mathematics/applied mathematics	1,689	1,812	1,862	1,983	2,091	2,205	2,186	2,232
Statistics	325	325	382	410	488	476	521	489
Physical sciences	4,083	3,930	4,087	4,060	4,499	4,332	4,387	4,323
Astronomy	125	121	140	118	140	139	120	128
Chemistry	2,238	2,081	2,256	2,122	2,316	2,209	2,305	2,225
Physics	1,665	1,693	1,652	1,769	1,988	1,938	1,910	1,915
Other	55	35	39	51	55	46	52	55
Psychology	2,283	1,944	1,843	2,030	2,164	2,303	2,454	2,447
Clinical	507	419	428	421	434	503	507	484
General	836	714	682	722	817	856	953	944
Nonclinical	940	811	733	887	913	944	994	1,019
Social sciences	7,096	7,143	7,456	7,773	8,681	8,610	9,020	9,379
Agricultural economics	289	260	293	321	311	309	308	295
Anthropology (cultural and social)	459	447	417	406	436	401	423	434
Economics	1,545	1,532	1,626	1,736	1,819	1,680	1,744	1,857
Geography	467	463	494	458	526	495	522	471
History and philosophy of science	50	47	41	54	64	62	65	69
Linguistics	147	168	168	162	208	195	220	199
Political science and public administration	2,334	2,508	2,600	2,745	3,214	3,444	3,657	3,974

TABLE D-4. First-time enrollment of full-time S&E graduate students, by field and sex: 1999–2006

Field and sex	1999	2000	2001	2002	2003	2004	2005	2006
Sociology	495	504	524	574	579	528	607	536
Other	1,310	1,214	1,293	1,317	1,524	1,496	1,474	1,544
Engineering	16,260	17,372	18,258	18,918	18,383	16,648	17,031	19,576
Aerospace	631	648	656	592	714	684	676	782
Agricultural	130	121	121	134	126	109	129	139
Biomedical	483	570	561	666	808	753	774	873
Chemical	1,109	1,197	1,141	1,142	1,099	980	891	965
Civil	2,660	2,665	2,722	2,869	2,922	2,854	2,777	2,821
Electrical	5,257	5,948	6,324	6,509	6,168	5,352	5,660	6,921
Engineering science/physics	207	227	268	315	293	272	243	234
Industrial/manufacturing	1,502	1,546	1,773	1,762	1,499	1,271	1,212	1,556
Mechanical	2,729	2,837	3,105	3,227	2,960	2,668	2,748	3,216
Metallurgical/materials	644	762	713	747	697	668	719	751
Mining	35	37	33	32	59	59	51	41
Nuclear	115	120	124	123	137	141	145	164
Petroleum	128	124	130	164	135	120	137	141
Other	630	570	587	636	766	717	869	972

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 1999–2006.