

TABLE D-10. Enrollment status of S&E graduate students, by field, citizenship, and race/ethnicity: 2003

Field and enrollment status	U.S. citizens and permanent residents								
	S&E graduate students	Asian/ Pacific Islander					American	Other/ unknown	Temporary resident
		White	Black	Hispanic	Indian/ Alaska Native				
S&E	474,203	222,118	32,450	24,134	21,264	1,872	25,494	146,871	
Full time	339,208	148,954	20,726	13,520	13,710	1,231	15,208	125,859	
Part time	134,995	73,164	11,724	10,614	7,554	641	10,286	21,012	
Science	346,828	178,681	21,542	20,922	17,288	1,568	19,777	87,050	
Full time	248,829	123,077	14,359	11,681	11,419	1,065	12,208	75,020	
Part time	97,999	55,604	7,183	9,241	5,869	503	7,569	12,030	
Agricultural sciences	13,197	8,740	326	462	496	77	518	2,578	
Full time	10,003	6,263	269	348	374	54	363	2,332	
Part time	3,194	2,477	57	114	122	23	155	246	
Biological sciences	64,684	35,787	5,210	2,762	2,849	236	3,070	14,770	
Full time	54,346	29,010	4,520	2,103	2,356	192	2,442	13,723	
Part time	10,338	6,777	690	659	493	44	628	1,047	
Anatomy	908	503	95	37	42	4	28	199	
Full time	829	445	93	33	42	4	26	186	
Part time	79	58	2	4	0	0	2	13	
Biochemistry	5,552	2,515	466	159	229	11	275	1,897	
Full time	5,326	2,411	447	146	215	10	252	1,845	
Part time	226	104	19	13	14	1	23	52	
Biology	14,720	8,894	836	797	806	56	793	2,538	
Full time	11,126	6,549	619	489	596	39	573	2,261	
Part time	3,594	2,345	217	308	210	17	220	277	
Biometry and epidemiology	4,439	2,155	488	229	196	16	159	1,196	
Full time	3,208	1,414	350	142	149	13	111	1,029	
Part time	1,231	741	138	87	47	3	48	167	
Biophysics	1,032	502	126	17	28	1	39	319	
Full time	968	462	116	15	26	0	39	310	
Part time	64	40	10	2	2	1	0	9	
Botany	1,901	1,065	108	26	38	10	70	584	
Full time	1,730	944	100	25	32	7	64	558	
Part time	171	121	8	1	6	3	6	26	
Cell and molecular biology	5,722	2,882	608	172	225	14	390	1,431	
Full time	5,253	2,639	571	154	212	12	337	1,328	
Part time	469	243	37	18	13	2	53	103	
Ecology	2,230	1,631	59	43	61	10	164	262	
Full time	1,484	1,063	28	23	40	10	109	211	
Part time	746	568	31	20	21	0	55	51	
Entomology and parasitology	1,206	800	29	15	41	4	31	286	
Full time	1,024	647	23	14	37	4	28	271	
Part time	182	153	6	1	4	0	3	15	
Genetics	2,073	1,107	193	75	61	12	110	515	
Full time	1,983	1,053	187	71	56	8	105	503	
Part time	90	54	6	4	5	4	5	12	
Microbiology, immunology, and virology	5,256	2,818	492	245	286	14	258	1,143	
Full time	4,980	2,626	472	223	281	14	242	1,122	
Part time	276	192	20	22	5	0	16	21	
Nutrition	4,695	2,575	299	246	201	13	161	1,200	
Full time	3,414	1,738	225	163	124	9	110	1,045	
Part time	1,281	837	74	83	77	4	51	155	
Pathology	1,541	834	183	56	63	3	71	331	
Full time	1,319	688	161	50	53	3	46	318	
Part time	222	146	22	6	10	0	25	13	
Pharmacology	3,357	1,809	341	185	134	19	96	773	
Full time	2,926	1,489	308	165	121	18	84	741	
Part time	431	320	33	20	13	1	12	32	

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	S&E graduate students	Asian/Pacific Islander					American Indian/Alaska Native		Temporary resident
		White	Black	Hispanic	Other/unknown				
Physiology	2,328	1,210	331	102	81	11	72	521	
Full time	2,165	1,100	322	97	73	11	59	503	
Part time	163	110	9	5	8	0	13	18	
Zoology	1,301	985	31	11	32	8	54	180	
Full time	1,094	817	31	10	22	6	46	162	
Part time	207	168	0	1	10	2	8	18	
Other	6,423	3,502	525	347	325	30	299	1,395	
Full time	5,517	2,925	467	283	277	24	211	1,330	
Part time	906	577	58	64	48	6	88	65	
Computer sciences	53,678	17,199	5,956	1,945	1,099	104	3,232	24,143	
Full time	30,850	7,775	2,518	801	465	51	1,211	18,029	
Part time	22,828	9,424	3,438	1,144	634	53	2,021	6,114	
Earth, atmospheric, and ocean sciences	14,655	9,995	375	270	484	63	705	2,763	
Full time	11,511	7,529	307	195	394	50	536	2,500	
Part time	3,144	2,466	68	75	90	13	169	263	
Atmospheric	1,150	713	67	32	21	5	44	268	
Full time	1,019	616	60	30	18	5	36	254	
Part time	131	97	7	2	3	0	8	14	
Earth	6,889	4,691	126	75	187	26	351	1,433	
Full time	5,574	3,656	109	57	153	21	263	1,315	
Part time	1,315	1,035	17	18	34	5	88	118	
Ocean	2,695	1,871	48	35	158	8	86	489	
Full time	2,259	1,497	40	29	147	8	73	465	
Part time	436	374	8	6	11	0	13	24	
Other	3,921	2,720	134	128	118	24	224	573	
Full time	2,659	1,760	98	79	76	16	164	466	
Part time	1,262	960	36	49	42	8	60	107	
Mathematics and statistics	19,465	8,415	1,446	658	604	25	996	7,321	
Full time	14,627	5,788	867	383	364	16	567	6,642	
Part time	4,838	2,627	579	275	240	9	429	679	
Mathematics	15,569	7,131	1,136	564	538	24	888	5,288	
Full time	11,622	4,935	668	326	316	16	507	4,854	
Part time	3,947	2,196	468	238	222	8	381	434	
Statistics	3,896	1,284	310	94	66	1	108	2,033	
Full time	3,005	853	199	57	48	0	60	1,788	
Part time	891	431	111	37	18	1	48	245	
Physical sciences	34,298	15,107	1,629	939	1,097	79	1,375	14,072	
Full time	30,441	13,154	1,345	736	926	70	1,017	13,193	
Part time	3,857	1,953	284	203	171	9	358	879	
Astronomy	1,080	610	53	9	25	3	47	333	
Full time	1,023	579	51	9	22	3	42	317	
Part time	57	31	2	0	3	0	5	16	
Chemistry	20,049	8,955	1,103	663	750	51	688	7,839	
Full time	17,694	7,821	881	524	643	46	508	7,271	
Part time	2,355	1,134	222	139	107	5	180	568	
Physics	12,555	5,209	441	236	300	24	547	5,798	
Full time	11,430	4,588	392	189	253	20	461	5,527	
Part time	1,125	621	49	47	47	4	86	271	
Other	614	333	32	31	22	1	93	102	
Full time	294	166	21	14	8	1	6	78	
Part time	320	167	11	17	14	0	87	24	
Psychology	52,025	33,409	2,384	4,670	4,682	322	3,378	3,180	
Full time	35,777	23,323	1,700	2,567	3,276	240	2,195	2,476	
Part time	16,248	10,086	684	2,103	1,406	82	1,183	704	

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		White	Asian/ Pacific Islander	Black	Hispanic	Indian/ Alaska Native			
Clinical	13,203	8,532	623	857	1,631	107	833	620	
Full time	9,720	6,318	457	598	1,276	92	556	423	
Part time	3,483	2,214	166	259	355	15	277	197	
General	15,562	10,042	793	1,559	985	92	908	1,183	
Full time	11,497	7,532	612	928	698	71	647	1,009	
Part time	4,065	2,510	181	631	287	21	261	174	
Nonclinical	23,260	14,835	968	2,254	2,066	123	1,637	1,377	
Full time	14,560	9,473	631	1,041	1,302	77	992	1,044	
Part time	8,700	5,362	337	1,213	764	46	645	333	
Social sciences	94,826	50,029	4,216	9,216	5,977	662	6,503	18,223	
Full time	61,274	30,235	2,833	4,548	3,264	392	3,877	16,125	
Part time	33,552	19,794	1,383	4,668	2,713	270	2,626	2,098	
Agricultural economics	2,296	964	39	76	42	7	83	1,085	
Full time	2,043	829	34	51	35	5	70	1,019	
Part time	253	135	5	25	7	2	13	66	
Anthropology (cultural and social)	7,806	5,311	281	275	435	99	556	849	
Full time	5,945	3,966	237	215	324	66	410	727	
Part time	1,861	1,345	44	60	111	33	146	122	
Economics	12,307	3,780	689	363	369	31	501	6,574	
Full time	10,009	2,639	462	218	250	24	388	6,028	
Part time	2,298	1,141	227	145	119	7	113	546	
Geography	4,654	3,200	139	141	150	22	224	778	
Full time	3,133	2,053	105	76	99	10	138	652	
Part time	1,521	1,147	34	65	51	12	86	126	
History and philosophy of science	677	467	29	24	38	4	54	61	
Full time	432	283	23	10	16	3	38	59	
Part time	245	184	6	14	22	1	16	2	
Linguistics	3,028	1,418	215	49	136	16	231	963	
Full time	2,389	1,058	153	35	91	13	161	878	
Part time	639	360	62	14	45	3	70	85	
Political science/public administration	36,855	19,504	1,622	4,847	2,746	240	3,019	4,877	
Full time	19,969	9,860	951	2,094	1,220	106	1,615	4,123	
Part time	16,886	9,644	671	2,753	1,526	134	1,404	754	
Sociology	9,127	5,132	443	1,080	664	65	398	1,345	
Full time	6,683	3,724	350	630	459	43	277	1,200	
Part time	2,444	1,408	93	450	205	22	121	145	
Sociology/anthropology	773	470	13	121	45	18	36	70	
Full time	559	331	12	83	31	14	24	64	
Part time	214	139	1	38	14	4	12	6	
Other	17,303	9,783	746	2,240	1,352	160	1,401	1,621	
Full time	10,112	5,492	506	1,136	739	108	756	1,375	
Part time	7,191	4,291	240	1,104	613	52	645	246	
Engineering	127,375	43,437	10,908	3,212	3,976	304	5,717	59,821	
Full time	90,379	25,877	6,367	1,839	2,291	166	3,000	50,839	
Part time	36,996	17,560	4,541	1,373	1,685	138	2,717	8,982	
Aerospace	4,048	1,747	207	59	119	15	214	1,687	
Full time	3,243	1,283	141	43	72	12	129	1,563	
Part time	805	464	66	16	47	3	85	124	
Agricultural	1,012	431	35	27	14	2	22	481	
Full time	870	344	31	22	11	1	21	440	
Part time	142	87	4	5	3	1	1	41	
Biomedical	5,347	2,196	667	159	155	7	279	1,884	
Full time	4,747	1,921	575	137	128	7	245	1,734	
Part time	600	275	92	22	27	0	34	150	

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		White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaska Native	Other/ unknown	
Chemical	7,516	2,554	556	173	249	19	201	3,764
Full time	6,414	2,040	422	133	205	18	116	3,480
Part time	1,102	514	134	40	44	1	85	284
Civil	18,838	8,316	1,024	427	845	65	762	7,399
Full time	13,710	5,359	656	251	561	36	438	6,409
Part time	5,128	2,957	368	176	284	29	324	990
Electrical	41,745	9,700	4,600	812	1,093	63	1,830	23,647
Full time	28,952	5,183	2,548	438	555	32	859	19,337
Part time	12,793	4,517	2,052	374	538	31	971	4,310
Engineering sciences/physics	2,240	928	152	42	49	11	48	1,010
Full time	1,770	651	127	32	42	8	32	878
Part time	470	277	25	10	7	3	16	132
Industrial/manufacturing	14,295	5,679	1,057	685	561	52	843	5,418
Full time	7,085	1,615	404	259	189	14	302	4,302
Part time	7,210	4,064	653	426	372	38	541	1,116
Mechanical	18,440	6,847	1,027	382	537	42	803	8,802
Full time	13,375	4,183	650	247	315	22	418	7,540
Part time	5,065	2,664	377	135	222	20	385	1,262
Metallurgical and materials	5,154	1,923	316	111	97	8	106	2,593
Full time	4,386	1,441	264	93	82	6	74	2,426
Part time	768	482	52	18	15	2	32	167
Mining	278	138	5	2	3	4	15	111
Full time	219	98	5	1	2	2	10	101
Part time	59	40	0	1	1	2	5	10
Nuclear	885	439	30	12	31	1	19	353
Full time	752	341	22	9	22	0	18	340
Part time	133	98	8	3	9	1	1	13
Petroleum	849	125	12	11	13	0	13	675
Full time	684	60	10	6	11	0	7	590
Part time	165	65	2	5	2	0	6	85
Other	6,728	2,414	1,220	310	210	15	562	1,997
Full time	4,172	1,358	512	168	96	8	331	1,699
Part time	2,556	1,056	708	142	114	7	231	298

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary residents include all racial/ethnic groups.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2003.