

TABLE 39. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by field and primary mechanism of support: 1997–2004

Field and primary mechanism of support	1997	1998	1999	2000	2001	2002	2003	2004
All surveyed fields	307,417	306,695	313,597	319,245	331,967	354,843	371,636	376,664
Fellowships	28,488	28,687	29,735	30,931	31,808	34,331	33,933	34,837
Research assistantships	86,131	86,271	89,304	92,482	98,149	106,299	112,222	112,808
Teaching assistantships	63,920	63,611	64,644	64,684	66,661	69,008	71,156	71,052
Traineeships	13,936	14,517	14,250	13,660	13,518	14,451	14,722	14,345
Other support	114,942	113,609	115,664	117,488	121,831	130,754	139,603	143,622
Science and engineering	266,369	264,172	268,952	275,151	287,508	307,736	320,218	322,476
Fellowships	26,087	26,248	27,078	28,090	29,304	31,650	31,360	32,045
Research assistantships	81,456	81,440	84,179	86,913	92,150	99,964	105,562	105,963
Teaching assistantships	60,887	60,563	61,669	61,705	63,475	65,638	67,684	67,401
Traineeships	9,548	9,756	9,431	9,438	9,011	9,673	10,043	9,748
Other support	88,391	86,165	86,595	89,005	93,568	100,811	105,569	107,319
Science	202,049	200,262	202,450	204,502	211,829	224,498	232,683	237,775
Fellowships	20,378	20,717	21,015	21,756	22,890	24,661	24,137	24,804
Research assistantships	54,640	54,166	55,619	56,296	60,080	64,954	68,376	69,965
Teaching assistantships	50,823	50,549	51,083	50,817	51,702	53,231	55,349	55,381
Traineeships	8,673	8,880	8,664	8,706	8,293	8,729	9,006	8,796
Other support	67,535	65,950	66,069	66,927	68,864	72,923	75,815	78,829
Agricultural sciences	8,964	8,794	8,933	8,931	8,949	9,184	9,512	9,477
Fellowships	472	481	469	443	511	503	554	599
Research assistantships	5,187	5,019	5,139	5,210	5,358	5,529	5,741	5,758
Teaching assistantships	973	1,040	1,159	1,196	1,158	1,134	1,131	1,154
Traineeships	113	98	75	69	70	70	50	68
Other support	2,219	2,156	2,091	2,013	1,852	1,948	2,036	1,898
Biological sciences	45,091	45,186	45,370	45,363	46,666	50,052	52,501	54,040
Fellowships	5,399	5,588	5,778	5,726	6,101	6,390	6,437	6,736
Research assistantships	18,106	17,872	18,050	18,345	19,137	20,918	22,457	23,546
Teaching assistantships	8,701	8,641	8,267	8,199	8,242	8,502	8,670	8,422
Traineeships	5,052	5,202	5,281	5,171	4,935	5,319	5,620	5,510
Other support	7,833	7,883	7,994	7,922	8,251	8,923	9,317	9,826
Computer sciences	17,014	18,405	20,565	23,582	27,164	29,825	28,293	27,330
Fellowships	920	983	976	1,133	1,050	1,387	1,326	1,383
Research assistantships	3,930	4,198	4,754	5,121	6,248	6,997	7,317	7,028
Teaching assistantships	3,551	3,695	4,217	4,357	4,919	5,153	4,800	4,596
Traineeships	202	219	207	251	240	279	315	284
Other support	8,411	9,310	10,411	12,720	14,707	16,009	14,535	14,039
Earth, atmospheric, and ocean sciences	9,997	10,020	10,065	10,127	10,045	10,635	11,021	11,226
Fellowships	813	921	925	1,045	1,065	1,118	1,164	1,222
Research assistantships	4,145	3,985	4,134	4,126	4,059	4,417	4,511	4,699
Teaching assistantships	2,519	2,451	2,490	2,416	2,454	2,569	2,680	2,577
Traineeships	89	113	107	98	90	89	111	118
Other support	2,431	2,550	2,409	2,442	2,377	2,442	2,555	2,610
Mathematical sciences	11,745	11,288	11,364	11,353	12,016	13,116	13,953	14,300
Fellowships	1,195	1,093	1,022	1,283	1,387	1,420	1,374	1,341
Research assistantships	1,334	1,157	1,230	1,213	1,398	1,705	1,750	1,870
Teaching assistantships	6,565	6,420	6,617	6,657	6,842	7,260	7,732	7,836
Traineeships	176	154	109	118	105	121	123	105
Other support	2,475	2,464	2,386	2,082	2,284	2,610	2,974	3,148
Physical sciences	26,458	26,007	26,264	26,116	26,824	28,220	30,042	31,248
Fellowships	2,107	2,093	2,187	2,238	2,358	2,645	2,505	2,734
Research assistantships	11,201	10,972	11,182	11,009	11,764	12,593	13,444	13,801
Teaching assistantships	10,762	10,732	10,732	10,531	10,432	10,595	11,654	12,127
Traineeships	521	481	383	464	436	421	364	368

TABLE 39. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by field and primary mechanism of support: 1997–2004

Field and primary mechanism of support	1997	1998	1999	2000	2001	2002	2003	2004
Other support	1,867	1,729	1,780	1,874	1,834	1,966	2,075	2,218
Psychology	30,318	29,956	29,589	29,461	29,155	29,306	30,326	32,087
Fellowships	2,062	2,264	2,375	2,299	2,210	2,211	2,199	2,280
Research assistantships	4,297	4,307	4,309	4,305	4,586	4,946	5,146	5,466
Teaching assistantships	5,918	5,717	5,780	5,554	5,419	5,575	5,805	5,589
Traineeships	1,021	1,072	987	1,196	1,248	1,188	1,140	894
Other support	17,020	16,596	16,138	16,107	15,692	15,386	16,036	17,858
Social sciences	52,462	50,606	50,300	49,569	51,010	54,160	57,035	58,067
Fellowships	7,410	7,294	7,283	7,589	8,208	8,987	8,578	8,509
Research assistantships	6,440	6,656	6,821	6,967	7,530	7,849	8,010	7,797
Teaching assistantships	11,834	11,853	11,821	11,907	12,236	12,443	12,877	13,080
Traineeships	1,499	1,541	1,515	1,339	1,169	1,242	1,283	1,449
Other support	25,279	23,262	22,860	21,767	21,867	23,639	26,287	27,232
Engineering	64,320	63,910	66,502	70,649	75,679	83,238	87,535	84,701
Fellowships	5,709	5,531	6,063	6,334	6,414	6,989	7,223	7,241
Research assistantships	26,816	27,274	28,560	30,617	32,070	35,010	37,186	35,998
Teaching assistantships	10,064	10,014	10,586	10,888	11,773	12,407	12,335	12,020
Traineeships	875	876	767	732	718	944	1,037	952
Other support	20,856	20,215	20,526	22,078	24,704	27,888	29,754	28,490
Chemical engineering	5,776	5,595	5,572	5,837	5,790	6,226	6,373	6,346
Fellowships	821	716	836	794	758	832	834	689
Research assistantships	2,988	2,900	2,944	3,076	3,143	3,460	3,600	3,748
Teaching assistantships	918	892	954	936	846	883	850	786
Traineeships	94	97	65	85	53	71	73	102
Other support	955	990	773	946	990	980	1,016	1,021
Civil engineering	11,090	10,813	10,931	11,526	11,845	12,718	13,443	13,347
Fellowships	859	819	865	924	1,006	1,074	1,105	1,094
Research assistantships	3,966	3,844	4,073	4,623	4,512	4,752	5,022	4,876
Teaching assistantships	1,758	1,747	1,768	1,846	1,866	1,939	1,992	2,073
Traineeships	187	189	196	117	156	210	196	152
Other support	4,320	4,214	4,029	4,016	4,305	4,743	5,128	5,152
Electrical engineering	18,505	19,009	19,923	22,189	24,442	27,262	27,680	25,783
Fellowships	1,380	1,313	1,361	1,349	1,292	1,485	1,520	1,503
Research assistantships	7,476	7,664	8,365	9,182	9,557	10,617	10,760	10,133
Teaching assistantships	3,311	3,320	3,356	3,602	4,017	4,275	4,193	3,830
Traineeships	122	133	76	89	61	105	115	112
Other support	6,216	6,579	6,765	7,967	9,515	10,780	11,092	10,205
Industrial engineering	4,977	4,748	5,362	5,927	6,369	6,995	6,879	6,352
Fellowships	238	251	257	325	421	441	437	436
Research assistantships	1,255	1,367	1,458	1,646	1,738	1,882	1,820	1,660
Teaching assistantships	769	772	891	946	1,044	1,002	945	921
Traineeships	21	24	21	18	35	48	39	46
Other support	2,694	2,334	2,735	2,992	3,131	3,622	3,638	3,289
Mechanical engineering	10,313	9,957	10,226	10,645	11,292	12,347	13,119	12,547
Fellowships	837	894	873	1,019	948	1,008	988	927
Research assistantships	4,331	4,481	4,629	4,844	5,074	5,459	6,015	5,718
Teaching assistantships	1,874	1,769	1,935	1,940	2,163	2,336	2,273	2,179
Traineeships	215	180	142	103	115	116	114	98
Other support	3,056	2,633	2,647	2,739	2,992	3,428	3,729	3,625
Other engineering	13,659	13,788	14,488	14,525	15,941	17,690	20,041	20,326
Fellowships	1,574	1,538	1,871	1,923	1,989	2,149	2,339	2,592
Research assistantships	6,800	7,018	7,091	7,246	8,046	8,840	9,969	9,863
Teaching assistantships	1,434	1,514	1,682	1,618	1,837	1,972	2,082	2,231

TABLE 39. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by field and primary mechanism of support: 1997–2004

Field and primary mechanism of support	1997	1998	1999	2000	2001	2002	2003	2004
Traineeships	236	253	267	320	298	394	500	442
Other support	3,615	3,465	3,577	3,418	3,771	4,335	5,151	5,198
Health fields	41,048	42,523	44,645	44,094	44,459	47,107	51,418	54,188
Fellowships	2,401	2,439	2,657	2,841	2,504	2,681	2,573	2,792
Research assistantships	4,675	4,831	5,125	5,569	5,999	6,335	6,660	6,845
Teaching assistantships	3,033	3,048	2,975	2,979	3,186	3,370	3,472	3,651
Traineeships	4,388	4,761	4,819	4,222	4,507	4,778	4,679	4,597
Other support	26,551	27,444	29,069	28,483	28,263	29,943	34,034	36,303

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