

TABLE 42. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by sex, primary source of support, and field: 2003

Sex and primary source of support	All surveyed fields	Sciences									Engineering							Health fields		
		Total	Agricultural sciences	Biological sciences	Computer sciences	Earth/atmospheric/ocean sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Total	Aerospace engineering	Chemical engineering	Civil engineering	Electrical engineering	Industrial engineering	Mechanical engineering		Metallurgical/materials engineering	Other
Male and female,																				
all sources	371,784	232,433	9,509	52,433	28,333	11,021	13,932	30,028	30,276	56,901	87,705	3,206	6,385	13,440	27,712	6,867	13,132	4,369	12,594	51,646
Federal	80,955	50,430	2,490	20,095	5,309	3,275	1,665	10,547	3,464	3,585	21,422	1,196	2,055	2,168	6,156	977	3,391	1,686	3,793	9,103
DOD	9,185	3,397	33	350	1,380	254	228	885	144	123	5,495	471	265	148	2,230	251	876	482	772	293
DOE	4,006	2,276	58	195	159	154	53	1,590	10	57	1,717	44	327	94	189	58	348	268	389	13
HHS	28,974	20,188	89	14,836	303	68	154	2,414	1,855	469	1,947	10	245	57	356	73	161	38	1,007	6,839
NIH	24,211	18,690	60	14,111	231	52	119	2,147	1,600	370	1,635	8	210	41	246	36	130	29	935	3,886
Other HHS	4,763	1,498	29	725	72	16	35	267	255	99	312	2	35	16	110	37	31	9	72	2,953
NASA	3,182	1,549	90	99	217	419	22	569	20	113	1,620	462	103	87	368	54	339	62	145	13
NSF	19,208	12,379	211	2,125	2,713	1,363	968	3,857	323	819	6,681	121	841	700	2,233	379	1,097	653	657	148
USDA	3,499	2,967	1,333	1,032	39	85	9	65	16	388	454	1	35	69	57	11	20	3	258	78
Other	12,901	7,674	676	1,458	498	932	231	1,167	1,096	1,616	3,508	87	239	1,013	723	151	550	180	565	1,719
Institutional	145,415	103,773	3,830	21,509	8,653	4,861	9,372	15,759	11,999	27,790	30,604	1,009	2,513	5,447	8,734	2,303	4,955	1,372	4,271	11,038
Other nonfederal	28,817	14,986	1,560	3,979	1,904	852	472	2,082	1,218	2,919	11,099	296	992	1,479	3,274	694	1,725	806	1,833	2,732
Domestic	25,758	13,181	1,389	3,690	1,708	736	377	1,955	1,148	2,178	10,169	253	929	1,376	3,044	616	1,595	726	1,630	2,408
Foreign	3,059	1,805	171	289	196	116	95	127	70	741	930	43	63	103	230	78	130	80	203	324
Self-support	116,597	63,244	1,629	6,850	12,467	2,033	2,423	1,640	13,595	22,607	24,580	705	825	4,346	9,548	2,893	3,061	505	2,697	28,773
Male, all sources	204,298	121,700	5,105	23,948	21,319	6,083	9,089	20,761	8,146	27,249	68,341	2,757	4,584	9,403	22,491	5,307	11,405	3,249	9,145	14,257
Federal	48,672	28,601	1,418	9,514	4,279	1,881	1,147	7,470	1,100	1,792	16,983	1,060	1,497	1,549	5,107	770	2,904	1,295	2,801	3,088
DOD	7,402	2,598	19	167	1,176	182	189	684	83	98	4,644	431	201	111	1,883	199	769	384	666	160
DOE	3,122	1,706	37	94	130	98	40	1,279	0	28	1,408	36	254	57	153	49	318	219	322	8
HHS	13,420	9,690	44	7,041	231	32	85	1,506	594	157	1,355	8	163	40	267	60	128	28	661	2,375
NIH	11,799	8,983	34	6,692	171	23	70	1,347	522	124	1,119	7	136	28	186	33	102	21	606	1,697
Other HHS	1,621	707	10	349	60	9	15	159	72	33	236	1	27	12	81	27	26	7	55	678
NASA	2,364	1,011	50	59	165	237	16	411	9	64	1,349	403	75	57	317	44	299	49	105	4
NSF	13,263	8,051	115	1,017	2,171	783	671	2,735	125	434	5,130	104	606	480	1,822	286	889	490	453	82
USDA	1,943	1,579	773	461	28	51	6	38	6	216	327	1	20	50	46	11	19	2	178	37
Other	7,158	3,966	380	675	378	498	140	817	283	795	2,770	77	178	754	619	121	482	123	416	422
Institutional	81,224	54,532	1,968	9,739	6,502	2,597	6,119	10,679	3,451	13,477	23,448	830	1,757	3,748	7,059	1,704	4,287	982	3,081	3,244
Other nonfederal	18,202	8,494	862	1,954	1,480	512	303	1,473	345	1,565	8,734	262	732	1,071	2,731	539	1,493	591	1,315	974
Domestic	16,094	7,289	752	1,789	1,339	423	241	1,373	321	1,051	7,990	222	684	999	2,540	482	1,379	531	1,153	815
Foreign	2,108	1,205	110	165	141	89	62	100	24	514	744	40	48	72	191	57	114	60	162	159
Self-support	56,200	30,073	857	2,741	9,058	1,093	1,520	1,139	3,250	10,415	19,176	605	598	3,035	7,594	2,294	2,721	381	1,948	6,951
Female, all sources	167,486	110,733	4,404	28,485	7,014	4,938	4,843	9,267	22,130	29,652	19,364	449	1,801	4,037	5,221	1,560	1,727	1,120	3,449	37,389
Federal	32,283	21,829	1,072	10,581	1,030	1,394	518	3,077	2,364	1,793	4,439	136	558	619	1,049	207	487	391	992	6,015
DOD	1,783	799	14	183	204	72	39	201	61	25	851	40	64	37	347	52	107	98	106	133

TABLE 42. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by sex, primary source of support, and field: 2003

Sex and primary source of support	All surveyed fields	Sciences									Engineering								Health fields	
		Total	Agricultural sciences	Biological sciences	Computer sciences	Earth/atmospheric/ocean sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Total	Aerospace engineering	Chemical engineering	Civil engineering	Electrical engineering	Industrial engineering	Mechanical engineering	Metallurgical/materials engineering		Other
Male and female,																				
DOE	884	570	21	101	29	56	13	311	10	29	309	8	73	37	36	9	30	49	67	5
HHS	15,554	10,498	45	7,795	72	36	69	908	1,261	312	592	2	82	17	89	13	33	10	346	4,464
NIH	12,412	9,707	26	7,419	60	29	49	800	1,078	246	516	1	74	13	60	3	28	8	329	2,189
Other HHS	3,142	791	19	376	12	7	20	108	183	66	76	1	8	4	29	10	5	2	17	2,275
NASA	818	538	40	40	52	182	6	158	11	49	271	59	28	30	51	10	40	13	40	9
NSF	5,945	4,328	96	1,108	542	580	297	1,122	198	385	1,551	17	235	220	411	93	208	163	204	66
USDA	1,556	1,388	560	571	11	34	3	27	10	172	127	0	15	19	11	0	1	1	80	41
Other	5,743	3,708	296	783	120	434	91	350	813	821	738	10	61	259	104	30	68	57	149	1,297
Institutional	64,191	49,241	1,862	11,770	2,151	2,264	3,253	5,080	8,548	14,313	7,156	179	756	1,699	1,675	599	668	390	1,190	7,794
Other nonfederal	10,615	6,492	698	2,025	424	340	169	609	873	1,354	2,365	34	260	408	543	155	232	215	518	1,758
Domestic	9,664	5,892	637	1,901	369	313	136	582	827	1,127	2,179	31	245	377	504	134	216	195	477	1,593
Foreign	951	600	61	124	55	27	33	27	46	227	186	3	15	31	39	21	16	20	41	165
Self-support	60,397	33,171	772	4,109	3,409	940	903	501	10,345	12,192	5,404	100	227	1,311	1,954	599	340	124	749	21,822

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DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; NSF = National Science Foundation; USDA = United States Department of Agriculture.

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