

TABLE 42. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by sex, primary source of support, and field: 2002

Primary source of support	Sciences									
	Total, all surveyed fields	Total	Physical sciences	Earth, atmospheric, & ocean sciences	Mathematical sciences	Computer sciences	Agricultural sciences	Biological sciences	Psychology	Social sciences
All sources	352,764	223,223	28,173	10,606	13,080	29,715	9,121	49,703	28,978	53,847
Federal	74,198	46,734	9,932	2,995	1,598	4,966	2,123	18,352	3,352	3,416
Department of Defense	7,955	3,324	869	200	163	1,360	34	378	165	155
Department of Energy	3,536	2,008	1,368	167	42	138	53	179	9	52
Department of HHS	26,460	18,484	2,346	47	164	206	87	13,495	1,732	407
NIH	21,944	17,149	2,114	32	133	152	64	12,844	1,494	316
Other HHS	4,516	1,335	232	15	31	54	23	651	238	91
NASA	3,023	1,538	536	469	20	196	66	111	31	109
NSF	17,063	11,028	3,579	1,191	942	2,363	124	1,800	297	732
USDA	3,078	2,672	51	74	14	41	1,141	990	4	357
All other Federal	13,083	7,680	1,183	847	253	662	618	1,399	1,114	1,604
Institutional support	141,729	101,390	14,775	4,670	8,973	8,927	3,956	20,946	11,768	27,375
Other non-Federal	28,238	14,465	2,005	1,063	400	1,889	1,525	3,775	1,103	2,705
All other U.S.	24,937	12,446	1,884	869	286	1,667	1,404	3,468	1,060	1,808
Foreign	3,301	2,019	121	194	114	222	121	307	43	897
Self-support	108,599	60,634	1,461	1,878	2,109	13,933	1,517	6,630	12,755	20,351
Men, all sources	196,099	117,905	19,545	5,941	8,443	21,914	4,966	23,082	7,965	26,049
Federal	44,794	26,981	7,128	1,745	1,119	4,018	1,220	8,975	1,071	1,705
Department of Defense	6,360	2,544	668	141	142	1,157	19	209	89	119
Department of Energy	2,796	1,520	1,107	106	34	113	33	95	4	28
Department of HHS	12,262	9,022	1,490	21	87	167	42	6,521	552	142
NIH	10,834	8,391	1,334	14	76	119	29	6,219	490	110
Other HHS	1,428	631	156	7	11	48	13	302	62	32
NASA	2,265	1,036	401	271	15	152	47	63	15	72
NSF	12,025	7,344	2,603	698	682	1,871	66	935	100	389
USDA	1,679	1,407	31	44	9	30	664	432	2	195
All other Federal	7,407	4,108	828	464	150	528	349	720	309	760
Institutional support	79,794	53,350	10,023	2,537	5,796	6,668	2,049	9,533	3,474	13,270
Other non-Federal	18,351	8,478	1,394	665	254	1,463	912	1,877	327	1,586
All other U.S.	16,004	7,085	1,297	535	172	1,285	833	1,699	315	949
Foreign	2,347	1,393	97	130	82	178	79	178	12	637
Self-support	53,160	29,096	1,000	994	1,274	9,765	785	2,697	3,093	9,488
Women, all sources	156,665	105,318	8,628	4,665	4,637	7,801	4,155	26,621	21,013	27,798
Federal	29,404	19,753	2,804	1,250	479	948	903	9,377	2,281	1,711
Department of Defense	1,595	780	201	59	21	203	15	169	76	36
Department of Energy	740	488	261	61	8	25	20	84	5	24
Department of HHS	14,198	9,462	856	26	77	39	45	6,974	1,180	265
NIH	11,110	8,758	780	18	57	33	35	6,625	1,004	206
Other HHS	3,088	704	76	8	20	6	10	349	176	59
NASA	758	502	135	198	5	44	19	48	16	37
NSF	5,038	3,684	976	493	260	492	58	865	197	343
USDA	1,399	1,265	20	30	5	11	477	558	2	162
All other Federal	5,676	3,572	355	383	103	134	269	679	805	844
Institutional support	61,935	48,040	4,752	2,133	3,177	2,259	1,907	11,413	8,294	14,105
Other non-Federal	9,887	5,987	611	398	146	426	613	1,898	776	1,119
All other U.S.	8,933	5,361	587	334	114	382	571	1,769	745	859
Foreign	954	626	24	64	32	44	42	129	31	260
Self-support	55,439	31,538	461	884	835	4,168	732	3,933	9,662	10,863

See explanatory information, if any, and SOURCE at end of table.

TABLE 42. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by sex, primary source of support, and field: 2002

Primary source of support	Engineering									Health fields
	Engineering, total	Aerospace engineering	Chemical engineering	Civil engineering	Electrical engineering	Industrial engineering	Mechanical engineering	Metallurgical & materials engineering	Other engineering	
All sources	83,086	2,970	6,239	12,706	27,257	6,996	12,280	4,207	10,431	46,455
Federal	18,744	997	1,958	2,085	5,694	852	2,927	1,537	2,694	8,720
Department of Defense	4,353	418	181	179	1,946	239	589	405	396	278
Department of Energy	1,520	38	310	84	193	42	309	235	309	8
Department of HHS	1,464	6	219	36	179	58	158	43	765	6,512
NIH	1,281	6	185	29	145	31	143	29	713	3,514
Other HHS	183	0	34	7	34	27	15	14	52	2,998
NASA	1,470	365	119	89	380	29	312	64	112	15
NSF	5,908	103	816	645	1,939	273	1,024	596	512	127
USDA	337	1	45	50	21	6	10	6	198	69
All other Federal	3,692	66	268	1,002	1,036	205	525	188	402	1,711
Institutional support	29,893	974	2,421	5,356	8,516	2,519	4,903	1,321	3,883	10,446
Other non-Federal	11,193	329	1,092	1,352	3,535	747	1,719	842	1,577	2,580
All other U.S.	10,227	281	1,009	1,237	3,301	638	1,597	760	1,404	2,264
Foreign	966	48	83	115	234	109	122	82	173	316
Self-support	23,256	670	768	3,913	9,512	2,878	2,731	507	2,277	24,709
Men, all sources	65,341	2,563	4,587	9,016	22,185	5,471	10,728	3,154	7,637	12,853
Federal	14,906	885	1,428	1,495	4,738	660	2,520	1,189	1,991	2,907
Department of Defense	3,663	379	133	137	1,650	188	520	323	333	153
Department of Energy	1,271	31	236	70	165	39	278	194	258	5
Department of HHS	1,049	5	150	23	142	44	136	31	518	2,191
NIH	908	5	126	20	114	24	122	19	478	1,535
Other HHS	141	0	24	3	28	20	14	12	40	656
NASA	1,218	322	84	63	333	19	262	49	86	11
NSF	4,608	89	587	465	1,585	203	852	461	366	73
USDA	248	1	36	36	15	6	9	5	140	24
All other Federal	2,849	58	202	701	848	161	463	126	290	450
Institutional support	23,296	821	1,768	3,797	6,924	1,949	4,260	967	2,810	3,148
Other non-Federal	8,884	286	825	991	2,932	589	1,504	628	1,129	989
All other U.S.	8,103	240	764	911	2,734	505	1,393	566	990	816
Foreign	781	46	61	80	198	84	111	62	139	173
Self-support	18,255	571	566	2,733	7,591	2,273	2,444	370	1,707	5,809
Women, all sources	17,745	407	1,652	3,690	5,072	1,525	1,552	1,053	2,794	33,602
Federal	3,838	112	530	590	956	192	407	348	703	5,813
Department of Defense	690	39	48	42	296	51	69	82	63	125
Department of Energy	249	7	74	14	28	3	31	41	51	3
Department of HHS	415	1	69	13	37	14	22	12	247	4,321
NIH	373	1	59	9	31	7	21	10	235	1,979
Other HHS	42	0	10	4	6	7	1	2	12	2,342
NASA	252	43	35	26	47	10	50	15	26	4
NSF	1,300	14	229	180	354	70	172	135	146	54
USDA	89	0	9	14	6	0	1	1	58	45
All other Federal	843	8	66	301	188	44	62	62	112	1,261
Institutional support	6,597	153	653	1,559	1,592	570	643	354	1,073	7,298
Other non-Federal	2,309	43	267	361	603	158	215	214	448	1,591
All other U.S.	2,124	41	245	326	567	133	204	194	414	1,448
Foreign	185	2	22	35	36	25	11	20	34	143
Self-support	5,001	99	202	1,180	1,921	605	287	137	570	18,900

HHS = Department of Health & Human Services; NIH = National Institutes of Health; NASA = National Aeronautics & Space Administration; 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.