

TABLE A-10

Imputation for full-time graduate students in science, engineering, and health fields, by mechanism of support, sex, and source of support: 2022

(Number and percent)

Mechanism of support and sex	All sources	Federal								Domestic	Foreign	Institutional	Self-support
		DOD	DOE	HHS		NASA	NSF	USDA	Other				
				NIH	Other								
Doctoral students, imputation rate (%)													
All full-time doctoral students	0.6	6.7	8.1	11.3	13.5	8.0	9.6	11.3	9.2	10.9	8.4	9.2	13.1
Fellowships	13.1	5.4	4.1	13.3	3.0	8.8	16.5	5.2	25.5	22.3	16.2	12.1	na
Research assistantships	8.3	7.3	8.7	10.0	11.5	8.4	8.5	12.1	7.2	9.4	4.2	7.6	na
Teaching assistantships	10.3	na	9.6	na	4.7	15.0	7.8	11.8	7.1	9.9	9.7	10.5	na
Traineeships	11.3	0.0	0.0	16.3	32.2	12.1	4.6	0.0	0.9	4.7	10.5	6.2	na
Other types of support	9.8	2.8	10.2	8.6	6.8	0.0	6.9	7.1	8.0	10.2	10.0	5.8	13.1
Male	3.5	7.4	8.2	11.4	10.8	8.2	10.0	10.9	9.0	11.3	8.3	11.1	11.8
Female	3.5	6.7	8.7	11.5	16.0	8.6	11.6	11.7	9.9	12.2	8.9	11.7	14.4
Doctoral students, number imputed ^a													
All full-time doctoral students	1,444	419	430	2,504	391	149	1,833	225	595	1,609	182	14,267	2,852
Fellowships	5,169	18	8	312	3	21	572	5	204	428	68	3,577	na
Research assistantships	8,900	394	435	1,533	258	127	1,199	210	325	1,018	41	3,495	na
Teaching assistantships	6,256	na	7	na	2	3	55	6	8	42	25	6,223	na
Traineeships	1,097	0	0	633	119	8	16	0	2	20	2	268	na
Other types of support	4,099	14	6	40	9	0	25	7	68	124	51	921	2,852
Male	4,932	338	322	1,142	151	96	1,168	105	320	976	112	9,207	1,267
Female	4,148	115	122	1,396	240	58	853	120	290	752	74	8,400	1,594
Master's students, imputation rate (%)													
All full-time master's students	1.3	5.9	8.1	13.3	11.3	5.9	10.6	8.8	11.9	12.8	14.7	10.3	11.6
Fellowships	20.2	9.8	0.0	9.6	94.1	6.3	11.9	9.4	49.3	36.7	3.4	15.2	na
Research assistantships	9.7	11.7	8.5	14.0	7.1	6.6	11.7	8.8	7.0	10.8	10.5	9.8	na
Teaching assistantships	12.0	na	0.0	na	0.0	16.7	7.8	14.8	37.6	21.6	5.4	12.1	na
Traineeships	6.8	40.0	0.0	9.0	17.3	0.0	0.0	66.7	5.1	3.6	0.0	6.2	na
Other types of support	11.1	2.7	18.2	12.3	10.7	0.0	8.9	8.5	5.8	8.9	19.7	8.6	11.6
Male	2.6	6.3	7.8	14.1	7.2	6.2	11.5	8.1	18.0	13.2	12.6	10.3	12.3
Female	3.7	5.2	9.5	13.5	13.8	4.5	9.6	9.7	8.2	13.6	17.6	11.3	14.0
Master's students, number imputed ^a													
All full-time master's students	4,004	166	45	147	71	19	225	116	833	696	140	7,748	25,889
Fellowships	1,642	5	0	5	16	1	19	3	454	205	4	937	na
Research assistantships	2,184	106	41	119	30	17	178	99	112	268	18	1,254	na
Teaching assistantships	2,871	na	0	na	0	1	13	4	32	47	3	2,811	na
Traineeships	137	8	0	7	17	0	0	2	7	5	0	91	na
Other types of support	29,223	49	6	16	9	0	21	11	247	181	118	2,696	25,889
Male	4,041	131	30	60	16	13	139	46	532	361	70	3,767	13,485
Female	5,928	37	16	92	56	5	87	72	331	365	70	4,328	15,838

na = not applicable; not asked because this support mechanism does not apply.

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 = Department of Agriculture.

^a This table reports the sum of counts imputed in each of these cells and variables. Because some units report totals without complete details, the sum of the imputed details will often be higher than the related total.

Note(s):

Graduate student data in this table include master's students in health sciences. For more information on the comparability of these counts to other data published by the National Center for Science and Engineering Statistics, see the "Technical Notes."

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2022.