TABLE A-10

Imputation for full-time graduate students in science, engineering, and health fields, by mechanism of support, sex, and source of support: 2023

(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	1.9	8.3	6.1	7.2	5.4	8.4	9.6	3.5	10.5	9.7	6.7	9.9	12.1
Fellowships	9.2	4.4	5.4	6.7	3.5	13.5	11.1	2.4	21.6	15.4	10.2	8.6	na
Research assistantships	7.7	6.8	6.0	7.4	5.5	7.2	9.1	3.2	8.3	9.5	4.2	7.7	na
Teaching assistantships	12.4	na	11.2	na	2.0	12.9	7.6	13.3	7.7	7.4	8.3	12.6	na
Traineeships	6.7	36.8	0.0	6.5	6.1	20.0	6.2	0.0	0.3	5.1	50.0	6.8	na
Other types of support	11.6	25.4	11.9	10.0	8.9	9.1	21.1	9.1	19.2	7.2	8.9	10.3	12.1
Male	7.5	8.5	5.9	8.0	7.2	8.9	12.5	3.0	11.6	11.4	6.7	13.3	12.8
Female	7.5	7.8	6.8	7.7	13.2	7.8	10.9	4.6	11.6	10.6	6.7	13.5	13.1
Doctoral students, number imputed[a]													
All full-time doctoral students	5,093	525	316	1,588	139	158	1,831	76	822	1,487	155	15,753	3,011
Fellowships	3,828	18	12	148	4	31	405	2	182	270	36	2,741	na
Research assistantships	8,480	367	289	1,155	105	110	1,272	62	473	1,039	49	3,688	na
Teaching assistantships	7,636	na	10	na	2	4	70	6	13	43	23	7,500	na
Traineeships	641	7	0	237	22	9	20	0	1	19	2	306	na
Other types of support	5,203	132	5	48	7	3	73	6	153	120	45	1,589	3,011
Male	10,801	390	225	781	86	104	1,446	32	512	1,032	97	11,306	1,478
Female	9,312	139	96	951	180	55	822	49	394	660	58	9,980	1,759
Master's students, imputation rate (%)													
All full-time master's students	1.9	17.1	7.1	10.8	9.5	7.2	12.0	5.3	15.4	12.1	14.1	11.7	12.1
Fellowships	21.4	9.2	0.0	8.0	40.0	10.0	16.9	17.6	61.3	45.2	6.3	15.5	na
Research assistantships	9.8	10.9	5.5	11.8	3.5	7.3	11.3	3.7	9.5	10.9	11.6	10.1	na
Teaching assistantships	12.4	na	42.9	na	0.0	0.0	20.1	5.6	24.8	19.7	0.0	12.5	na
Traineeships	7.6	12.5	-	2.3	10.5	-	8.6	20.0	16.7	1.6	0.0	7.5	na
Other types of support	11.9	20.5	21.4	11.4	16.2	5.9	14.4	17.9	9.9	7.2	18.1	11.3	12.1
Male	7.2	18.5	7.9	12.7	6.8	6.8	13.3	4.2	21.0	12.4	12.8	12.8	17.8
Female	7.6	12.7	4.8	10.8	17.5	3.5	10.3	6.1	14.2	15.3	15.9	13.2	16.9
Master's students, number imputed[a]													
All full-time master's students	6,135	480	39	120	71	22	248	63	1,051	917	153	8,944	27,813
Fellowships	1,874	7	0	4	16	1	30	3	435	310	7	1,061	na
Research assistantships	2,274	99	27	98	14	20	159	39	155	273	22	1,368	na
Teaching assistantships	2,924	na	3	na	0	0	32	1	30	41	0	2,865	na
Traineeships	171	1	0	2	11	0	3	1	24	3	0	126	na
Other types of support	32,297	375	9	16	30	1	42	19	415	290	124	3,557	27,813

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Imputation for full-time graduate students in science, engineering, and health fields, by mechanism of support, sex, and source of support: 2023

(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								
Male	11,911	395	32	55	18	13	156	21	612	493	82	4,786	20,458
Female	12,493	87	7	73	85	4	93	42	553	553	71	5,185	19,246

- = not calculable. 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, 2023.