Table A-8. Imputation for nonresponse within graduate student totals, by field, demographic characteristics, mechanism and source of support, and type of graduate degree: 2025

(Number and percent)

Characteristic	Total in survey				Number imputed				Percentage imputed			
	Master's students		Doctoral students		Master's students		Doctoral students		Master's students		Doctoral students	
	Full time	Part time	Full time	Part time	Full time	Part time	Full time	Part time	Full time	Part time	Full time	Part time
All graduate students	296,301	184,905	276,837	38,261	9,805	5,637	1,732	531	3.3	3.0	0.6	1.4
Science	197,468	130,201	195,822	23,789	7,971	4,855	1,267	433	4.0	3.7	0.6	1.8
Agricultural and veterinary sciences	4,277	2,415	4,339	729	134	61	18	13	3.1	2.5	0.4	1.8
Biological and biomedical sciences	32,213	15,563	58,493	3,791	635	442	399	18	2.0	2.8	0.7	0.5
Computer and information sciences	63,089	52,803	21,527	3,666	3,915	1,116	137	84	6.2	2.1	0.6	2.3
Geosciences, atmospheric, and ocean sciences	3,487	1,411	6,232	602	39	20	0	0	1.1	1.4	0.0	0.0
Mathematics and statistics	12,953	5,837	13,177	1,030	185	144	36	3	1.4	2.5	0.3	0.3
Multidisciplinary and interdisciplinary sciences	15,292	10,990	4,692	874	341	135	0	0	2.2	1.2	0.0	0.0
Natural resources and conservation	5,440	3,506	3,490	743	90	35	70	17	1.7	1.0	2.0	2.3
Physical sciences	3,675	2,542	37,177	2,317	111	155	141	26	3.0	6.1	0.4	1.1
Psychology	30,596	21,099	19,542	5,460	2,056	2,289	339	149	6.7	10.8	1.7	2.7
Social sciences	26,446	14,035	27,153	4,577	465	458	127	123	1.8	3.3	0.5	2.7
Engineering	59,083	36,239	68,291	8,265	940	409	282	47	1.6	1.1	0.4	0.6
Aerospace, aeronautical, and astronautical engineering	3,264	2,699	2,818	343	88	25	20	7	2.7	0.9	0.7	2.0
Biological, biomedical, and biosystems engineering	4,424	1,270	9,577	762	45	6	70	0	1.0	0.5	0.7	0.0
Chemical, petroleum, and chemical-related engineering	1,788	819	7,561	321	27	3	17	1	1.5	0.4	0.2	0.3
Civil, environmental, transportation and related engineering fields	6,711	4,024	6,870	896	146	55	16	8	2.2	1.4	0.2	0.9
Electrical, electronics, communications and computer engineering	19,167	9,579	15,669	1,971	250	132	51	7	1.3	1.4	0.3	0.4
Industrial, manufacturing, systems engineering and operations research	5,354	5,499	3,246	900	108	67	20	6	2.0	1.2	0.6	0.7
Mechanical engineering	9,616	5,489	10,919	1,067	140	31	21	1	1.5	0.6	0.2	0.1
Metallurgical, mining, materials and related engineering fields	1,650	948	4,595	341	7	4	10	0	0.4	0.4	0.2	0.0
Other engineering	7,109	5,912	7,036	1,664	129	86	57	17	1.8	1.5	0.8	1.0
Health	39,750	18,465	12,724	6,207	894	373	183	51	2.2	2.0	1.4	0.8
Clinical medicine	15,176	10,008	3,902	2,734	337	112	140	17	2.2	1.1	3.6	0.6
Other health	24,574	8,457	8,822	3,473	557	261	43	34	2.3	3.1	0.5	1.0
Sex												
Female	155,422	86,763	129,831	19,606	14,779	10,697	11,105	890	9.5	12.3	8.6	4.5
Male	140,879	98,142	147,006	18,655	11,272	9,495	11,271	513	8.0	9.7	7.7	2.7
U.S. citizens and permanent residents[a]												
Hispanic or Latino	30,926	24,845	20,290	3,348	1,709	1,139	309	69	5.5	4.6	1.5	2.1
Not Hispanic or Latino												
American Indian or Alaska Native	722	506	549	171	61	45	17	11	8.4	8.9	3.1	6.4
Asian	26,423	23,441	20,510	2,703	578	518	308	41	2.2	2.2	1.5	1.5
Black or African American	18,999	16,563	11,085	4,078	1,190	929	333	161	6.3	5.6	3.0	3.9
Native Hawaiian or Other Pacific Islander	204	286	166	54	10	21	4	4	4.9	7.3	2.4	7.4
White	88,741	74,457	84,110	16,248	4,256	2,814	1,380	321	4.8	3.8	1.6	2.0

Table A-8. Imputation for nonresponse within graduate student totals, by field, demographic characteristics, mechanism and source of support, and type of graduate degree: 2025

(Number and percent)

Characteristic	Total in survey				Number imputed				Percentage imputed			
	Master's students		Doctoral students		Master's students		Doctoral students		Master's students		Doctoral students	
	Full time	Part time	Full time	Part time	Full time	Part time	Full time	Part time	Full time	Part time	Full time	Part time
More than one race	8,285	5,815	7,286	1,016	350	259	102	21	4.2	4.5	1.4	2.1
Unknown ethnicity and race	9,796	10,319	8,317	2,402	426	302	156	36	4.3	2.9	1.9	1.5
Temporary visa holders	112,205	28,673	124,524	8,241	4,637	1,336	1,578	99	4.1	4.7	1.3	1.2
All full-time students	296,301	na	276,837	na	9,805	na	1,732	na	3.3	na	0.6	na
Mechanism of support												
Fellowships	8,442	na	39,425	na	834	na	3,011	na	9.9	na	7.6	na
Research assistantships	21,125	na	113,977	na	2,220	na	6,384	na	10.5	na	5.6	na
Teaching assistantships	20,563	na	68,052	na	2,453	na	5,273	na	11.9	na	7.7	na
Traineeships	2,289	na	8,868	na	233	na	789	na	10.2	na	8.9	na
Other types of support	243,882	na	46,515	na	32,293	na	5,438	na	13.2	na	11.7	na
Source of support												
Federal												
DOD	3,356	na	5,946	na	571	na	431	na	17.0	na	7.2	na
DOE	478	na	5,257	na	45	na	239	na	9.4	na	4.5	na
HHS												
NIH	837	na	20,831	na	164	na	1,623	na	19.6	na	7.8	na
Other	495	na	2,319	na	41	na	85	na	8.3	na	3.7	na
NASA	259	na	1,597	na	16	na	131	na	6.2	na	8.2	na
NSF	1,927	na	18,531	na	233	na	1,356	na	12.1	na	7.3	na
USDA	1,204	na	2,402	na	112	na	85	na	9.3	na	3.5	na
Other federal	6,650	na	7,383	na	871	na	716	na	13.1	na	9.7	na
Domestic	5,640	na	15,629	na	552	na	1,341	na	9.8	na	8.6	na
Foreign	910	na	2,233	na	150	na	143	na	16.5	na	6.4	na
Institutional	69,482	na	168,198	na	9,379	na	12,379	na	13.5	na	7.4	na
Self-support	205,063	na	26,511	na	26,109	na	2,546	na	12.7	na	9.6	na

na = not applicable.

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] Ethnicity and race data are available only for U.S. citizens and permanent residents.

Note(s):
The percentage imputed calculated is the number imputed divided by total in survey multiplied by 100. This is a different measure than the unit imputation rate presented in table A-7. Clinical medicine includes graduate students in public health, in medical clinical sciences and clinical and medical laboratory sciences, and in clinical medicine not elsewhere classified. Graduate student data in this table include master's students in health sciences. For more information on the mapping of Survey of Graduate Students and Postdoctorates in Science and Engineering fields and codes, see table A-6. 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, 2025.