

TABLE A-9

Imputation for graduate students in science, engineering, and health fields, by citizenship, ethnicity, race, enrollment status, and sex: 2021

(Number and percent)

Citizenship, ethnicity, and race	Part time			Full time						
				First time						
	Total	Male	Female	Total	Male	Female	Total	Male	Female	
Doctoral students, imputation rate (%)										
All doctoral students	1.5	1.8	1.8	1.5	3.4	3.2	2.8	4.4	4.1	
U.S. citizens and permanent residents ^a										
Hispanic or Latino	2.3	1.6	2.5	3.3	3.5	4.7	3.2	3.9	4.0	
Not Hispanic or Latino										
American Indian or Alaska Native	1.1	0.0	1.8	3.0	0.8	4.7	1.2	0.0	2.4	
Asian	2.5	2.5	2.7	3.2	3.8	3.9	3.4	4.0	3.6	
Black or African American	3.8	2.7	4.7	2.7	2.3	3.0	2.6	3.8	2.2	
Native Hawaiian or Other Pacific Islander	19.0	25.0	11.1	5.2	5.3	5.2	3.0	0.0	5.0	
White	2.2	2.2	2.1	3.6	4.5	4.5	4.2	4.6	5.1	
More than one race	1.6	0.9	2.3	1.8	2.0	2.0	3.2	1.7	4.7	
Unknown ethnicity and race	3.6	2.5	5.0	4.2	4.2	4.7	4.5	4.4	5.5	
Temporary visa holders	2.2	2.0	2.2	2.8	3.2	3.8	2.5	3.3	2.4	
Doctoral students, number imputed ^b										
All doctoral students	564	351	310	3,932	4,856	3,652	1,316	1,070	922	
U.S. citizens and permanent residents ^a										
Hispanic or Latino	60	19	36	580	297	439	118	66	78	
Not Hispanic or Latino										
American Indian or Alaska Native	2	0	2	17	2	15	1	0	1	
Asian	55	28	30	548	336	336	113	64	62	
Black or African American	109	31	81	250	82	174	53	28	29	
Native Hawaiian or Other Pacific Islander	8	6	2	8	3	5	1	0	1	
White	368	187	177	3,300	2,128	2,075	675	350	431	
More than one race	15	4	11	114	56	68	38	8	34	
Unknown ethnicity and race	53	19	35	272	144	147	50	23	32	
Temporary visa holders	200	115	75	2,944	2,128	1,515	488	388	180	
Master's students, imputation rate (%)										
All master's students	1.1	1.6	2.8	1.2	2.2	2.8	1.5	2.2	3.0	
U.S. citizens and permanent residents ^a										
Hispanic or Latino	3.1	3.0	5.5	3.8	3.4	5.1	3.1	3.3	4.3	
Not Hispanic or Latino										
American Indian or Alaska Native	4.4	5.5	3.6	7.1	6.0	8.6	8.6	5.6	11.8	
Asian	2.6	2.2	3.2	2.2	1.8	3.0	1.8	1.7	2.7	
Black or African American	3.3	2.8	4.3	3.9	4.0	4.3	3.4	3.8	3.9	
Native Hawaiian or Other Pacific Islander	2.9	2.1	3.6	5.0	6.1	4.3	3.3	3.3	3.4	
White	2.2	2.0	4.3	3.3	3.3	5.3	3.4	3.2	5.0	
More than one race	1.8	1.5	2.2	2.6	2.4	3.2	2.2	2.5	2.9	
Unknown ethnicity and race	3.1	2.9	5.9	3.2	2.3	4.5	4.2	2.9	5.5	
Temporary visa holders	4.1	4.1	5.1	1.7	1.6	2.3	1.1	1.4	1.2	
Master's students, number imputed ^b										
All master's students	1,895	1,416	2,515	3,539	2,930	4,289	2,281	1,567	2,196	
U.S. citizens and permanent residents ^a										
Hispanic or Latino	684	299	644	1,028	324	885	380	145	332	
Not Hispanic or Latino										
American Indian or Alaska Native	27	15	12	53	16	41	29	7	25	
Asian	495	232	269	477	172	353	203	89	163	

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(Number and percent)

Citizenship, ethnicity, and race	Part time			Full time					
				First time					
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Black or African American	532	183	410	666	210	504	258	90	203
Native Hawaiian or Other Pacific Islander	8	3	5	16	8	8	5	2	3
White	1,868	890	1,840	3,272	1,272	3,103	1,496	573	1,327
More than one race	96	38	62	181	65	136	71	34	56
Unknown ethnicity and race	277	122	271	239	71	199	135	41	100
Temporary visa holders	862	507	424	1,845	1,084	987	704	562	300

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

^b 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.

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2021.