

TABLE A-9

**Imputation for graduate students in science, engineering, and health fields, by citizenship, ethnicity, race, enrollment status, and sex: 2020**

(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	2.8	3.0	3.3	2.6	4.8	4.8	3.9	5.4	4.6	
U.S. citizens and permanent residents <sup>a</sup>										
Hispanic or Latino	2.6	2.3	2.8	3.7	4.2	4.3	4.0	4.2	4.0	
Not Hispanic or Latino										
American Indian or Alaska Native	1.9	0.0	2.9	4.5	4.4	4.6	2.1	2.4	1.8	
Asian	4.2	5.1	3.5	4.2	5.1	5.0	4.5	5.4	4.3	
Black or African American	5.4	4.1	6.6	3.6	3.5	3.9	3.9	4.8	3.3	
Native Hawaiian or Other Pacific Islander	25.0	28.6	21.1	5.6	3.4	6.9	0.0	0.0	0.0	
White	3.9	4.0	3.9	4.5	5.6	5.1	4.8	5.8	4.7	
More than one race	2.8	2.5	3.1	2.8	3.1	2.6	2.0	2.2	1.8	
Unknown ethnicity and race	3.2	2.6	3.9	3.5	3.9	3.5	3.6	2.9	4.7	
Temporary visa holders	3.5	3.5	3.8	3.3	3.4	4.2	4.8	4.9	5.5	
Doctoral students, number imputed <sup>b</sup>										
All doctoral students	993	584	539	6,512	6,679	5,276	1,609	1,162	905	
U.S. citizens and permanent residents <sup>a</sup>										
Hispanic or Latino	66	27	39	612	336	364	134	65	73	
Not Hispanic or Latino										
American Indian or Alaska Native	3	0	3	27	11	16	2	1	1	
Asian	87	54	35	674	415	386	143	85	68	
Black or African American	136	41	100	312	119	203	67	31	36	
Native Hawaiian or Other Pacific Islander	10	6	4	9	2	7	0	0	0	
White	625	343	302	4,180	2,682	2,296	806	485	398	
More than one race	22	9	13	158	84	79	23	12	11	
Unknown ethnicity and race	49	21	28	239	145	108	47	20	29	
Temporary visa holders	346	225	133	3,371	2,214	1,526	646	400	289	
Master's students, imputation rate (%)										
All master's students	2.2	2.8	2.5	2.7	4.2	3.7	3.0	4.2	3.7	
U.S. citizens and permanent residents <sup>a</sup>										
Hispanic or Latino	4.2	2.7	5.6	4.4	3.8	5.1	3.4	3.6	3.3	
Not Hispanic or Latino										
American Indian or Alaska Native	4.1	4.1	4.1	3.7	4.1	3.5	3.6	4.8	3.0	
Asian	3.1	2.9	3.7	3.7	3.9	4.5	3.6	4.5	4.7	
Black or African American	5.2	4.4	5.8	4.9	5.3	5.0	4.0	4.8	4.1	
Native Hawaiian or Other Pacific Islander	4.9	5.3	4.6	6.5	12.0	2.8	4.4	9.1	1.3	
White	2.8	3.0	3.1	3.8	4.2	4.2	3.9	4.1	4.3	
More than one race	2.2	1.6	2.7	2.8	2.7	2.9	2.2	2.8	1.8	
Unknown ethnicity and race	6.6	5.6	7.7	6.8	6.2	8.5	7.0	5.8	9.6	
Temporary visa holders	4.0	4.2	4.1	5.3	5.9	5.9	7.0	7.2	7.1	
Master's students, number imputed <sup>b</sup>										
All master's students	3,837	2,519	2,031	6,582	4,691	4,816	3,030	1,913	2,119	
U.S. citizens and permanent residents <sup>a</sup>										
Hispanic or Latino	816	248	575	1,083	347	787	389	159	233	
Not Hispanic or Latino										
American Indian or Alaska Native	23	10	13	27	11	16	11	5	6	
Asian	507	273	258	684	331	454	348	199	245	

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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	779	281	498	786	268	548	305	116	216
Native Hawaiian or Other Pacific Islander	14	7	7	19	14	5	6	5	1
White	2,270	1,296	1,202	3,516	1,601	2,319	1,703	755	1,107
More than one race	101	37	65	177	69	112	67	35	33
Unknown ethnicity and race	581	242	346	532	200	389	237	86	181
Temporary visa holders	970	624	376	4,065	2,667	1,808	1,559	918	687

<sup>a</sup> Ethnicity and race data are available only for U.S. citizens and permanent residents.

<sup>b</sup> 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, 2020.