

TABLE A-9

Imputation for graduate students in science, engineering, and health fields, by citizenship, ethnicity, race, enrollment status, and sex: 2019

(Number and percent)

Citizenship, ethnicity, and race	Part time			Full time						
	Total	Male	Female	Total	Male	Female	First time			
							Total	Male	Female	
Doctoral students, imputation rate (%)										
All doctoral students	1.6	2.0	1.8	2.1	2.6	2.8	2.4	2.8	2.7	
U.S. citizens and permanent residents ^a										
Hispanic or Latino	1.3	1.3	1.4	3.6	3.4	4.1	3.0	2.6	3.6	
Not Hispanic or Latino										
American Indian or Alaska Native	2.2	0.0	3.4	1.3	1.2	1.4	0.9	0.0	1.4	
Asian	2.7	3.8	1.8	3.2	3.1	3.5	3.4	3.7	3.1	
Black or African American	3.0	2.9	3.4	2.7	2.9	3.2	3.2	4.0	2.7	
Native Hawaiian or Other Pacific Islander	14.0	31.6	0.0	2.5	1.4	2.3	4.2	7.1	0.0	
White	1.3	1.5	1.4	2.4	2.9	2.5	2.8	3.1	2.8	
More than one race	3.1	4.5	1.8	2.0	1.8	2.2	3.0	2.0	3.8	
Unknown ethnicity and race	2.3	2.2	2.8	3.6	3.7	3.8	5.1	3.7	7.2	
Temporary visa holders	1.9	2.1	2.1	1.6	1.7	1.9	1.8	2.1	1.6	
Doctoral students, number imputed ^b										
All doctoral students	527	371	281	5,258	3,702	2,990	1,097	720	576	
U.S. citizens and permanent residents ^a										
Hispanic or Latino	30	14	17	553	256	319	98	41	61	
Not Hispanic or Latino										
American Indian or Alaska Native	3	0	3	8	3	5	1	0	1	
Asian	57	43	18	488	249	261	102	55	47	
Black or African American	75	30	50	218	90	157	52	25	27	
Native Hawaiian or Other Pacific Islander	6	6	0	4	1	2	1	1	0	
White	214	131	107	2,208	1,396	1,114	481	266	240	
More than one race	23	16	7	103	47	61	31	10	21	
Unknown ethnicity and race	32	16	18	228	128	112	52	19	36	
Temporary visa holders	165	119	61	1,673	1,138	706	356	250	119	
Master's students, imputation rate (%)										
All master's students	2.1	3.2	3.3	3.1	3.9	3.3	2.9	3.2	3.2	
U.S. citizens and permanent residents ^a										
Hispanic or Latino	2.1	1.9	2.4	2.9	2.6	3.0	2.4	2.5	2.4	
Not Hispanic or Latino										
American Indian or Alaska Native	2.4	2.9	2.1	2.8	2.8	3.1	2.2	1.7	3.0	
Asian	2.4	2.4	2.4	2.5	2.4	2.6	2.7	2.8	2.7	
Black or African American	4.8	5.3	5.0	4.4	4.3	4.5	4.0	3.9	4.1	
Native Hawaiian or Other Pacific Islander	1.2	0.8	1.6	3.9	5.6	2.5	16.9	20.7	14.1	
White	2.0	1.9	2.4	2.2	2.1	2.4	2.6	2.3	2.8	
More than one race	1.7	1.8	1.7	2.0	2.2	1.9	2.0	2.2	2.0	
Unknown ethnicity and race	4.4	4.8	4.8	5.2	4.4	5.9	13.7	10.8	16.0	
Temporary visa holders	4.1	4.1	4.3	4.9	5.5	4.1	3.2	3.5	2.9	
Master's students, number imputed ^b										
All master's students	3,251	2,658	2,334	7,995	4,818	4,293	3,362	1,825	1,928	
U.S. citizens and permanent residents ^a										
Hispanic or Latino	340	150	202	587	198	395	220	83	137	
Not Hispanic or Latino										
American Indian or Alaska Native	14	7	7	21	8	14	7	2	6	
Asian	345	205	144	423	190	236	230	110	122	
Black or African American	654	316	385	618	202	418	249	79	170	
Native Hawaiian or Other Pacific Islander	3	1	2	11	7	4	23	12	11	

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(Number and percent)

Citizenship, ethnicity, and race	Part time			Full time					
	Total	Male	Female	Total	Male	Female	First time		
							Total	Male	Female
White	1,498	771	840	1,966	764	1,262	998	365	642
More than one race	67	36	34	113	48	62	51	22	29
Unknown ethnicity and race	382	207	216	397	135	268	436	141	301
Temporary visa holders	834	526	329	4,887	3,353	1,610	1,530	1,003	554

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

^b This table reports 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, 2019.