

TABLE A-11

**Imputation for postdoctoral appointees in science, engineering, and health fields, by citizenship, ethnicity, race, and sex: 2022**

(Number and percent)

Citizenship, ethnicity, and race	Total	Male	Female
Imputation rate (%)			
All postdoctoral appointees	0.7	3.5	4.2
U.S. citizens and permanent residents <sup>a</sup>			
Hispanic or Latino	4.1	4.4	5.6
Not Hispanic or Latino			
American Indian or Alaska Native	6.5	5.0	7.7
Asian	4.8	4.7	5.2
Black or African American	4.3	3.2	5.5
Native Hawaiian or Other Pacific Islander	0.0	0.0	0.0
White	3.6	4.1	4.9
More than one race	3.0	2.9	3.3
Unknown ethnicity and race	18.3	5.3	5.3
Temporary visa holders	3.9	4.5	4.9
Number imputed <sup>b</sup>			
All postdoctoral appointees	468	1,276	1,125
U.S. citizens and permanent residents <sup>a</sup>			
Hispanic or Latino	90	47	63
Not Hispanic or Latino			
American Indian or Alaska Native	6	2	4
Asian	252	140	120
Black or African American	49	15	37
Native Hawaiian or Other Pacific Islander	0	0	0
White	548	328	360
More than one race	19	9	11
Unknown ethnicity and race	600	77	66
Temporary visa holders	1,399	979	675

<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, 2022.