

TABLE A-11

**Imputation for postdoctoral appointees in science, engineering, and health fields, by citizenship, ethnicity, race, and sex: 2023**

(Number and percent)

Citizenship, ethnicity, and race	Total	Male	Female
Imputation rate (%)			
All postdoctoral appointees	4.9	6.8	7.5
U.S. citizens and permanent residents <sup>a</sup>			
Hispanic or Latino	7.9	7.6	9.4
Not Hispanic or Latino			
American Indian or Alaska Native	8.1	2.0	13.1
Asian	9.7	10.5	9.3
Black or African American	8.3	10.0	7.5
Native Hawaiian or Other Pacific Islander	1.8	0.0	3.7
White	7.4	8.4	9.6
More than one race	7.3	7.4	7.3
Unknown ethnicity and race	2.9	5.0	6.3
Temporary visa holders	10.2	11.0	11.5
Number imputed <sup>b</sup>			
All postdoctoral appointees	3,211	2,541	2,119
U.S. citizens and permanent residents <sup>a</sup>			
Hispanic or Latino	186	84	117
Not Hispanic or Latino			
American Indian or Alaska Native	9	1	8
Asian	544	329	232
Black or African American	102	52	53
Native Hawaiian or Other Pacific Islander	1	0	1
White	1,078	634	680
More than one race	51	24	27
Unknown ethnicity and race	89	81	89
Temporary visa holders	3,896	2,538	1,725

<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, 2023.