

TABLE 4-13a

**Physical sciences master's and doctoral student demographics, enrollment status, and funding: 2022**

(Number and percent)

Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Institutions	326	47.2	305	44.2	227	32.9
Schools	332	42.8	311	40.1	229	29.5
Units	806	3.6	577	2.6	565	2.5
All graduate students	44,092	100.0	6,256	100.0	37,836	100.0
Male	27,851	63.2	3,777	60.4	24,074	63.6
Female	16,241	36.8	2,479	39.6	13,762	36.4
U.S. citizens and permanent residents <sup>a</sup>	26,689	60.5	4,633	74.1	22,056	58.3
Hispanic or Latino	3,288	7.5	737	11.8	2,551	6.7
Not Hispanic or Latino						
American Indian or Alaska Native	66	0.1	29	0.5	37	0.1
Asian	2,789	6.3	446	7.1	2,343	6.2
Black or African American	1,143	2.6	314	5.0	829	2.2
Native Hawaiian or Other Pacific Islander	18	*	5	0.1	13	*
White	17,289	39.2	2,719	43.5	14,570	38.5
More than one race	1,062	2.4	194	3.1	868	2.3
Unknown ethnicity and race	1,034	2.3	189	3.0	845	2.2
Temporary visa holders	17,403	39.5	1,623	25.9	15,780	41.7
Part time	5,080	11.5	2,530	40.4	2,550	6.7
Full time	39,012	88.5	3,726	59.6	35,286	93.3
First time	8,334	18.9	1,495	23.9	6,839	18.1
Primary source of support for full-time students <sup>b</sup>						
Federal	10,516	23.9	323	5.2	10,193	26.9
DOD	807	1.8	68	1.1	739	2.0
DOE	2,273	5.2	24	0.4	2,249	5.9
HHS	2,000	4.5	26	0.4	1,974	5.2
NIH	1,732	3.9	23	0.4	1,709	4.5
Other HHS	268	0.6	3	*	265	0.7
NASA	555	1.3	15	0.2	540	1.4
NSF	4,095	9.3	101	1.6	3,994	10.6
USDA	31	0.1	5	0.1	26	0.1
Other	755	1.7	84	1.3	671	1.8
Nonfederal	25,599	58.1	1,847	29.5	23,752	62.8
Institutional	23,810	54.0	1,738	27.8	22,072	58.3
Domestic	1,566	3.6	81	1.3	1,485	3.9
Foreign	223	0.5	28	0.4	195	0.5
Self-support	2,897	6.6	1,556	24.9	1,341	3.5
Primary mechanism of support for full-time students <sup>b</sup>						
Fellowships	4,552	10.3	68	1.1	4,484	11.9
Research assistantships	15,649	35.5	518	8.3	15,131	40.0
Teaching assistantships	13,171	29.9	1,050	16.8	12,121	32.0
Traineeships	577	1.3	70	1.1	507	1.3
Other types of support	5,063	11.5	2,020	32.3	3,043	8.0
Self-support	2,897	6.6	1,556	24.9	1,341	3.5
Other	2,166	4.9	464	7.4	1,702	4.5

\* = value &lt; 0.05%.

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; NSF = National Science Foundation; USDA = Department of Agriculture.

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

<sup>b</sup> Funding data are available only for full-time students.

**Note(s):**

Percentages may not add to total because of rounding. For more information on the mapping of Survey of Graduate Students and Postdoctorates in Science and Engineering fields and codes, see technical table A-17.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2022.