

TABLE 4-10a

Mathematics and statistics master's and doctoral student demographics, enrollment status, and funding: 2023

(Number and percent)

Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Institutions	350	50.9	340	49.5	195	28.4
Schools	360	46.8	348	45.2	199	25.8
Units	746	3.3	648	2.8	338	1.5
All graduate students	33,893	100.0	20,105	100.0	13,788	100.0
Male	21,942	64.7	12,285	61.1	9,657	70.0
Female	11,951	35.3	7,820	38.9	4,131	30.0
U.S. citizens and permanent residents ^a	15,831	46.7	9,086	45.2	6,745	48.9
Hispanic or Latino	1,958	5.8	1,250	6.2	708	5.1
Not Hispanic or Latino						
American Indian or Alaska Native	38	0.1	27	0.1	11	0.1
Asian	2,563	7.6	1,553	7.7	1,010	7.3
Black or African American	768	2.3	548	2.7	220	1.6
Native Hawaiian or Other Pacific Islander	15	*	11	0.1	4	*
White	9,075	26.8	4,917	24.5	4,158	30.2
More than one race	595	1.8	321	1.6	274	2.0
Unknown ethnicity and race	819	2.4	459	2.3	360	2.6
Temporary visa holders	18,062	53.3	11,019	54.8	7,043	51.1
Part time	7,061	20.8	5,868	29.2	1,193	8.7
Full time	26,832	79.2	14,237	70.8	12,595	91.3
First time	9,842	29.0	7,311	36.4	2,531	18.4
Primary source of support for full-time students ^b						
Federal	1,633	4.8	217	1.1	1,416	10.3
DOD	137	0.4	36	0.2	101	0.7
DOE	35	0.1	1	*	34	0.2
HHS	245	0.7	38	0.2	207	1.5
NIH	202	0.6	34	0.2	168	1.2
Other HHS	43	0.1	4	*	39	0.3
NASA	20	0.1	5	*	15	0.1
NSF	996	2.9	60	0.3	936	6.8
USDA	16	*	2	*	14	0.1
Other	184	0.5	75	0.4	109	0.8
Nonfederal	14,391	42.5	3,920	19.5	10,471	75.9
Institutional	13,820	40.8	3,731	18.6	10,089	73.2
Domestic	448	1.3	161	0.8	287	2.1
Foreign	123	0.4	28	0.1	95	0.7

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Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Self-support	10,808	31.9	10,100	50.2	708	5.1
Primary mechanism of support for full-time students ^b						
Fellowships	2,036	6.0	269	1.3	1,767	12.8
Research assistantships	2,762	8.1	453	2.3	2,309	16.7
Teaching assistantships	8,923	26.3	1,809	9.0	7,114	51.6
Traineeships	173	0.5	37	0.2	136	1.0
Other types of support	12,938	38.2	11,669	58.0	1,269	9.2
Self-support	10,808	31.9	10,100	50.2	708	5.1
Other	2,130	6.3	1,569	7.8	561	4.1

* = value < 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.

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

^b 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, 2023.