

TABLE 4-10a

Mathematics and statistics master's and doctoral student demographics, enrollment status, and funding: 2020

(Number and percent)

Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Institutions	349	49.0	340	47.8	191	26.8
Schools	358	44.4	348	43.2	195	24.2
Units	710	3.4	614	2.9	331	1.6
All graduate students	31,971	100.0	18,284	100.0	13,687	100.0
Male	20,402	63.8	10,764	58.9	9,638	70.4
Female	11,569	36.2	7,520	41.1	4,049	29.6
U.S. citizens and permanent residents ^a	17,150	53.6	10,357	56.6	6,793	49.6
Hispanic or Latino	1,864	5.8	1,239	6.8	625	4.6
Not Hispanic or Latino						
American Indian or Alaska Native	36	0.1	23	0.1	13	0.1
Asian	2,575	8.1	1,742	9.5	833	6.1
Black or African American	777	2.4	573	3.1	204	1.5
Native Hawaiian or Other Pacific Islander	12	*	9	*	3	*
White	10,392	32.5	5,904	32.3	4,488	32.8
More than one race	546	1.7	295	1.6	251	1.8
Unknown ethnicity and race	948	3.0	572	3.1	376	2.7
Temporary visa holders	14,821	46.4	7,927	43.4	6,894	50.4
Part time	7,930	24.8	6,662	36.4	1,268	9.3
Full time	24,041	75.2	11,622	63.6	12,419	90.7
First time	7,590	23.7	5,329	29.1	2,261	16.5
Primary source of support for full-time students ^b						
Federal	1,585	5.0	182	1.0	1,403	10.3
DOD	153	0.5	31	0.2	122	0.9
DOE	48	0.2	9	*	39	0.3
HHS	213	0.7	26	0.1	187	1.4
NIH	188	0.6	24	0.1	164	1.2
Other HHS	25	0.1	2	*	23	0.2
NASA	12	*	0	0.0	12	0.1
NSF	983	3.1	46	0.3	937	6.8
USDA	14	*	3	*	11	0.1
Other	162	0.5	67	0.4	95	0.7
Nonfederal	13,099	41.0	2,942	16.1	10,157	74.2
Institutional	12,597	39.4	2,780	15.2	9,817	71.7
Domestic	373	1.2	136	0.7	237	1.7
Foreign	129	0.4	26	0.1	103	0.8
Self-support	9,357	29.3	8,498	46.5	859	6.3
Primary mechanism of support for full-time students ^b						
Fellowships	1,859	5.8	169	0.9	1,690	12.3
Research assistantships	2,108	6.6	325	1.8	1,783	13.0
Teaching assistantships	9,098	28.5	1,668	9.1	7,430	54.3
Traineeships	217	0.7	60	0.3	157	1.1
Other types of support	10,759	33.7	9,400	51.4	1,359	9.9
Self-support	9,357	29.3	8,498	46.5	859	6.3
Other	1,402	4.4	902	4.9	500	3.7

* = 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, 2020.