

TABLE 4-10a

Mathematics and statistics master's and doctoral student demographics, enrollment status, and funding: 2019

(Number and percent)

Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Institutions	351	49.2	342	47.9	194	27.2
Schools	361	44.6	351	43.4	198	24.5
Units	659	3.3	571	2.8	326	1.6
All graduate students	33,159	100.0	19,594	100.0	13,565	100.0
Male	20,753	62.6	11,140	56.9	9,613	70.9
Female	12,406	37.4	8,454	43.1	3,952	29.1
U.S. citizens and permanent residents ^a	16,250	49.0	9,639	49.2	6,611	48.7
Hispanic or Latino	1,679	5.1	1,123	5.7	556	4.1
Not Hispanic or Latino						
American Indian or Alaska Native	57	0.2	42	0.2	15	0.1
Asian	2,391	7.2	1,619	8.3	772	5.7
Black or African American	716	2.2	519	2.6	197	1.5
Native Hawaiian or Other Pacific Islander	7	*	5	*	2	*
White	9,913	29.9	5,425	27.7	4,488	33.1
More than one race	486	1.5	256	1.3	230	1.7
Unknown ethnicity and race	1,001	3.0	650	3.3	351	2.6
Temporary visa holders	16,909	51.0	9,955	50.8	6,954	51.3
Part time	7,478	22.6	6,235	31.8	1,243	9.2
Full time	25,681	77.4	13,359	68.2	12,322	90.8
First time	9,348	28.2	6,772	34.6	2,576	19.0
Primary source of support for full-time students ^b						
Federal	1,463	4.4	157	0.8	1,306	9.6
DOD	151	0.5	33	0.2	118	0.9
DOE	40	0.1	6	*	34	0.3
HHS	211	0.6	21	0.1	190	1.4
NIH	182	0.5	19	0.1	163	1.2
Other HHS	29	0.1	2	*	27	0.2
NASA	19	0.1	1	*	18	0.1
NSF	882	2.7	52	0.3	830	6.1
USDA	21	0.1	2	*	19	0.1
Other	139	0.4	42	0.2	97	0.7
Nonfederal	13,651	41.2	3,395	17.3	10,256	75.6
Institutional	13,152	39.7	3,241	16.5	9,911	73.1
Domestic	338	1.0	95	0.5	243	1.8
Foreign	161	0.5	59	0.3	102	0.8
Self-support	10,567	31.9	9,807	50.1	760	5.6
Primary mechanism of support for full-time students ^b						
Fellowships	1,933	5.8	295	1.5	1,638	12.1
Research assistantships	2,052	6.2	353	1.8	1,699	12.5
Teaching assistantships	9,521	28.7	1,973	10.1	7,548	55.6
Traineeships	209	0.6	25	0.1	184	1.4
Other types of support	11,966	36.1	10,713	54.7	1,253	9.2
Self-support	10,567	31.9	9,807	50.1	760	5.6
Other	1,399	4.2	906	4.6	493	3.6

* = 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.

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2019.