

TABLE 4-13a

## Physical sciences 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	330	46.2	307	43.0	228	31.9
Schools	337	41.7	313	38.7	231	28.6
Units	786	3.9	575	2.8	554	2.7
All graduate students	42,867	100.0	6,361	100.0	36,506	100.0
Male	28,021	65.4	3,914	61.5	24,107	66.0
Female	14,846	34.6	2,447	38.5	12,399	34.0
U.S. citizens and permanent residents <sup>a</sup>	26,087	60.9	4,658	73.2	21,429	58.7
Hispanic or Latino	2,792	6.5	698	11.0	2,094	5.7
Not Hispanic or Latino						
American Indian or Alaska Native	89	0.2	26	0.4	63	0.2
Asian	2,400	5.6	439	6.9	1,961	5.4
Black or African American	1,063	2.5	335	5.3	728	2.0
Native Hawaiian or Other Pacific Islander	21	*	6	0.1	15	*
White	17,826	41.6	2,799	44.0	15,027	41.2
More than one race	875	2.0	165	2.6	710	1.9
Unknown ethnicity and race	1,021	2.4	190	3.0	831	2.3
Temporary visa holders	16,780	39.1	1,703	26.8	15,077	41.3
Part time	4,705	11.0	2,483	39.0	2,222	6.1
Full time	38,162	89.0	3,878	61.0	34,284	93.9
First time	8,308	19.4	1,627	25.6	6,681	18.3
Primary source of support for full-time students <sup>b</sup>						
Federal	10,530	24.6	307	4.8	10,223	28.0
DOD	813	1.9	31	0.5	782	2.1
DOE	2,039	4.8	17	0.3	2,022	5.5
HHS	1,996	4.7	33	0.5	1,963	5.4
NIH	1,762	4.1	24	0.4	1,738	4.8
Other HHS	234	0.5	9	0.1	225	0.6
NASA	599	1.4	27	0.4	572	1.6
NSF	4,213	9.8	112	1.8	4,101	11.2
USDA	31	0.1	3	*	28	0.1
Other	839	2.0	84	1.3	755	2.1
Nonfederal	24,803	57.9	1,950	30.7	22,853	62.6
Institutional	22,916	53.5	1,813	28.5	21,103	57.8
Domestic	1,560	3.6	87	1.4	1,473	4.0
Foreign	327	0.8	50	0.8	277	0.8
Self-support	2,829	6.6	1,621	25.5	1,208	3.3
Primary mechanism of support for full-time students <sup>b</sup>						
Fellowships	4,356	10.2	105	1.7	4,251	11.6
Research assistantships	14,426	33.7	551	8.7	13,875	38.0
Teaching assistantships	14,342	33.5	1,213	19.1	13,129	36.0
Traineeships	628	1.5	61	1.0	567	1.6
Other types of support	4,410	10.3	1,948	30.6	2,462	6.7
Self-support	2,829	6.6	1,621	25.5	1,208	3.3
Other	1,581	3.7	327	5.1	1,254	3.4

\* = 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.

**Source(s):**

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