

TABLE 4-13a

Physical sciences 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	327	47.6	303	44.1	227	33.0
Schools	334	43.4	310	40.3	229	29.7
Units	786	3.4	559	2.5	556	2.4
All graduate students	44,329	100.0	6,000	100.0	38,329	100.0
Male	27,672	62.4	3,606	60.1	24,066	62.8
Female	16,657	37.6	2,394	39.9	14,263	37.2
U.S. citizens and permanent residents ^a	26,082	58.8	4,422	73.7	21,660	56.5
Hispanic or Latino	3,263	7.4	716	11.9	2,547	6.6
Not Hispanic or Latino						
American Indian or Alaska Native	46	0.1	5	0.1	41	0.1
Asian	2,821	6.4	418	7.0	2,403	6.3
Black or African American	1,133	2.6	315	5.3	818	2.1
Native Hawaiian or Other Pacific Islander	19	*	6	0.1	13	*
White	16,702	37.7	2,601	43.4	14,101	36.8
More than one race	1,124	2.5	182	3.0	942	2.5
Unknown ethnicity and race	974	2.2	179	3.0	795	2.1
Temporary visa holders	18,247	41.2	1,578	26.3	16,669	43.5
Part time	4,854	10.9	2,529	42.2	2,325	6.1
Full time	39,475	89.1	3,471	57.9	36,004	93.9
First time	8,858	20.0	1,591	26.5	7,267	19.0
Primary source of support for full-time students ^b						
Federal	10,449	23.6	319	5.3	10,130	26.4
DOD	788	1.8	74	1.2	714	1.9
DOE	2,144	4.8	26	0.4	2,118	5.5
HHS	1,947	4.4	22	0.4	1,925	5.0
NIH	1,749	3.9	18	0.3	1,731	4.5
Other HHS	198	0.4	4	0.1	194	0.5
NASA	615	1.4	22	0.4	593	1.5
NSF	4,017	9.1	78	1.3	3,939	10.3
USDA	42	0.1	6	0.1	36	0.1
Other	896	2.0	91	1.5	805	2.1
Nonfederal	26,250	59.2	1,603	26.7	24,647	64.3
Institutional	24,345	54.9	1,508	25.1	22,837	59.6
Domestic	1,684	3.8	74	1.2	1,610	4.2
Foreign	221	0.5	21	0.4	200	0.5

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Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Self-support	2,776	6.3	1,549	25.8	1,227	3.2
Primary mechanism of support for full-time students ^b						
Fellowships	5,101	11.5	95	1.6	5,006	13.1
Research assistantships	15,691	35.4	466	7.8	15,225	39.7
Teaching assistantships	13,491	30.4	920	15.3	12,571	32.8
Traineeships	563	1.3	68	1.1	495	1.3
Other types of support	4,629	10.4	1,922	32.0	2,707	7.1
Self-support	2,776	6.3	1,549	25.8	1,227	3.2
Other	1,853	4.2	373	6.2	1,480	3.9

* = 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.