

TABLE 4-13a

Physical sciences master's and doctoral student demographics, enrollment status, and funding: 2021

(Number and percent)

Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Institutions	327	46.8	306	43.8	226	32.3
Schools	334	42.4	311	39.5	228	29.0
Units	779	3.6	570	2.7	544	2.5
All graduate students	44,141	100.0	6,409	100.0	37,732	100.0
Male	28,061	63.6	3,814	59.5	24,247	64.3
Female	16,080	36.4	2,595	40.5	13,485	35.7
U.S. citizens and permanent residents ^a	27,433	62.1	4,938	77.0	22,495	59.6
Hispanic or Latino	3,287	7.4	782	12.2	2,505	6.6
Not Hispanic or Latino						
American Indian or Alaska Native	72	0.2	24	0.4	48	0.1
Asian	2,720	6.2	463	7.2	2,257	6.0
Black or African American	1,145	2.6	334	5.2	811	2.1
Native Hawaiian or Other Pacific Islander	20	*	7	0.1	13	*
White	18,104	41.0	2,964	46.2	15,140	40.1
More than one race	1,036	2.3	177	2.8	859	2.3
Unknown ethnicity and race	1,049	2.4	187	2.9	862	2.3
Temporary visa holders	16,708	37.9	1,471	23.0	15,237	40.4
Part time	5,294	12.0	2,575	40.2	2,719	7.2
Full time	38,847	88.0	3,834	59.8	35,013	92.8
First time	8,388	19.0	1,666	26.0	6,722	17.8
Primary source of support for full-time students ^b						
Federal	11,216	25.4	336	5.2	10,880	28.8
DOD	891	2.0	70	1.1	821	2.2
DOE	2,355	5.3	30	0.5	2,325	6.2
HHS	1,975	4.5	30	0.5	1,945	5.2
NIH	1,778	4.0	27	0.4	1,751	4.6
Other HHS	197	0.4	3	*	194	0.5
NASA	619	1.4	15	0.2	604	1.6
NSF	4,261	9.7	93	1.5	4,168	11.0
USDA	22	*	5	0.1	17	*
Other	1,093	2.5	93	1.5	1,000	2.7
Nonfederal	24,445	55.4	1,732	27.0	22,713	60.2
Institutional	22,660	51.3	1,608	25.1	21,052	55.8
Domestic	1,540	3.5	95	1.5	1,445	3.8
Foreign	245	0.6	29	0.5	216	0.6
Self-support	3,186	7.2	1,766	27.6	1,420	3.8
Primary mechanism of support for full-time students ^b						
Fellowships	4,839	11.0	98	1.5	4,741	12.6
Research assistantships	15,494	35.1	548	8.6	14,946	39.6
Teaching assistantships	13,290	30.1	1,037	16.2	12,253	32.5
Traineeships	597	1.4	49	0.8	548	1.5
Other types of support	4,627	10.5	2,102	32.8	2,525	6.7
Self-support	3,186	7.2	1,766	27.6	1,420	3.8
Other	1,441	3.3	336	5.2	1,105	2.9

* = 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, 2021.