

TABLE 4-19a

Civil, environmental, transportation and related engineering fields 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	210	30.6	206	30.0	143	20.8
Schools	212	27.5	208	27.0	144	18.7
Units	385	1.7	347	1.5	209	0.9
All graduate students	19,934	100.0	12,082	100.0	7,852	100.0
Male	13,233	66.4	8,121	67.2	5,112	65.1
Female	6,701	33.6	3,961	32.8	2,740	34.9
U.S. citizens and permanent residents ^a	8,993	45.1	6,588	54.5	2,405	30.6
Hispanic or Latino	1,353	6.8	1,081	8.9	272	3.5
Not Hispanic or Latino						
American Indian or Alaska Native	54	0.3	39	0.3	15	0.2
Asian	1,063	5.3	766	6.3	297	3.8
Black or African American	500	2.5	338	2.8	162	2.1
Native Hawaiian or Other Pacific Islander	14	0.1	8	0.1	6	0.1
White	5,331	26.7	3,889	32.2	1,442	18.4
More than one race	360	1.8	254	2.1	106	1.3
Unknown ethnicity and race	318	1.6	213	1.8	105	1.3
Temporary visa holders	10,941	54.9	5,494	45.5	5,447	69.4
Part time	5,004	25.1	4,098	33.9	906	11.5
Full time	14,930	74.9	7,984	66.1	6,946	88.5
First time	4,935	24.8	3,738	30.9	1,197	15.2
Primary source of support for full-time students ^b						
Federal	2,349	11.8	527	4.4	1,822	23.2
DOD	305	1.5	88	0.7	217	2.8
DOE	204	1.0	35	0.3	169	2.2
HHS	136	0.7	30	0.2	106	1.3
NIH	34	0.2	5	*	29	0.4
Other HHS	102	0.5	25	0.2	77	1.0
NASA	84	0.4	14	0.1	70	0.9
NSF	769	3.9	104	0.9	665	8.5
USDA	55	0.3	16	0.1	39	0.5
Other	796	4.0	240	2.0	556	7.1
Nonfederal	7,457	37.4	2,913	24.1	4,544	57.9
Institutional	6,575	33.0	2,631	21.8	3,944	50.2
Domestic	733	3.7	220	1.8	513	6.5
Foreign	149	0.7	62	0.5	87	1.1

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(Number and percent)

Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Self-support	5,124	25.7	4,544	37.6	580	7.4
Primary mechanism of support for full-time students ^b						
Fellowships	1,204	6.0	358	3.0	846	10.8
Research assistantships	5,185	26.0	1,267	10.5	3,918	49.9
Teaching assistantships	1,789	9.0	727	6.0	1,062	13.5
Traineeships	72	0.4	27	0.2	45	0.6
Other types of support	6,680	33.5	5,605	46.4	1,075	13.7
Self-support	5,124	25.7	4,544	37.6	580	7.4
Other	1,556	7.8	1,061	8.8	495	6.3

* = 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.