

TABLE 4-19a

**Civil, environmental, transportation and related engineering fields 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	203	29.0	200	28.6	140	20.0
Schools	205	26.0	202	25.7	141	17.9
Units	367	1.7	336	1.6	205	1.0
All graduate students	19,608	100.0	11,730	100.0	7,878	100.0
Male	12,763	65.1	7,653	65.2	5,110	64.9
Female	6,845	34.9	4,077	34.8	2,768	35.1
U.S. citizens and permanent residents <sup>a</sup>	10,280	52.4	7,705	65.7	2,575	32.7
Hispanic or Latino	1,500	7.6	1,196	10.2	304	3.9
Not Hispanic or Latino						
American Indian or Alaska Native	55	0.3	41	0.3	14	0.2
Asian	1,176	6.0	923	7.9	253	3.2
Black or African American	577	2.9	409	3.5	168	2.1
Native Hawaiian or Other Pacific Islander	17	0.1	12	0.1	5	0.1
White	6,213	31.7	4,604	39.2	1,609	20.4
More than one race	367	1.9	267	2.3	100	1.3
Unknown ethnicity and race	375	1.9	253	2.2	122	1.5
Temporary visa holders	9,328	47.6	4,025	34.3	5,303	67.3
Part time	5,390	27.5	4,304	36.7	1,086	13.8
Full time	14,218	72.5	7,426	63.3	6,792	86.2
First time	5,170	26.4	4,003	34.1	1,167	14.8
Primary source of support for full-time students <sup>b</sup>						
Federal	2,350	12.0	567	4.8	1,783	22.6
DOD	197	1.0	59	0.5	138	1.8
DOE	195	1.0	37	0.3	158	2.0
HHS	166	0.8	41	0.3	125	1.6
NIH	43	0.2	5	*	38	0.5
Other HHS	123	0.6	36	0.3	87	1.1
NASA	100	0.5	15	0.1	85	1.1
NSF	828	4.2	123	1.0	705	8.9
USDA	66	0.3	20	0.2	46	0.6
Other	798	4.1	272	2.3	526	6.7
Nonfederal	7,091	36.2	2,731	23.3	4,360	55.3
Institutional	6,113	31.2	2,455	20.9	3,658	46.4
Domestic	754	3.8	212	1.8	542	6.9
Foreign	224	1.1	64	0.5	160	2.0
Self-support	4,777	24.4	4,128	35.2	649	8.2
Primary mechanism of support for full-time students <sup>b</sup>						
Fellowships	1,338	6.8	502	4.3	836	10.6
Research assistantships	4,944	25.2	1,208	10.3	3,736	47.4
Teaching assistantships	1,836	9.4	739	6.3	1,097	13.9
Traineeships	99	0.5	46	0.4	53	0.7
Other types of support	6,001	30.6	4,931	42.0	1,070	13.6
Self-support	4,777	24.4	4,128	35.2	649	8.2
Other	1,224	6.2	803	6.8	421	5.3

\* = 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. 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.