

TABLE 4-19a

**Civil, environmental, transportation and related engineering fields master's and doctoral student demographics, enrollment status, and funding: 2020**

(Number and percent)

Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Institutions	203	28.5	201	28.2	139	19.5
Schools	205	25.4	203	25.2	140	17.4
Units	379	1.8	350	1.7	203	1.0
All graduate students	18,304	100.0	10,819	100.0	7,485	100.0
Male	11,935	65.2	7,004	64.7	4,931	65.9
Female	6,369	34.8	3,815	35.3	2,554	34.1
U.S. citizens and permanent residents <sup>a</sup>	9,801	53.5	7,339	67.8	2,462	32.9
Hispanic or Latino	1,391	7.6	1,103	10.2	288	3.8
Not Hispanic or Latino						
American Indian or Alaska Native	46	0.3	36	0.3	10	0.1
Asian	1,060	5.8	817	7.6	243	3.2
Black or African American	509	2.8	347	3.2	162	2.2
Native Hawaiian or Other Pacific Islander	17	0.1	14	0.1	3	*
White	5,962	32.6	4,413	40.8	1,549	20.7
More than one race	347	1.9	261	2.4	86	1.1
Unknown ethnicity and race	469	2.6	348	3.2	121	1.6
Temporary visa holders	8,503	46.5	3,480	32.2	5,023	67.1
Part time	5,443	29.7	4,332	40.0	1,111	14.8
Full time	12,861	70.3	6,487	60.0	6,374	85.2
First time	3,453	18.9	2,583	23.9	870	11.6
Primary source of support for full-time students <sup>b</sup>						
Federal	2,040	11.1	506	4.7	1,534	20.5
DOD	147	0.8	50	0.5	97	1.3
DOE	154	0.8	27	0.2	127	1.7
HHS	147	0.8	44	0.4	103	1.4
NIH	30	0.2	7	0.1	23	0.3
Other HHS	117	0.6	37	0.3	80	1.1
NASA	83	0.5	7	0.1	76	1.0
NSF	848	4.6	138	1.3	710	9.5
USDA	58	0.3	17	0.2	41	0.5
Other	603	3.3	223	2.1	380	5.1
Nonfederal	6,696	36.6	2,544	23.5	4,152	55.5
Institutional	5,746	31.4	2,274	21.0	3,472	46.4
Domestic	711	3.9	207	1.9	504	6.7
Foreign	239	1.3	63	0.6	176	2.4
Self-support	4,125	22.5	3,437	31.8	688	9.2
Primary mechanism of support for full-time students <sup>b</sup>						
Fellowships	1,052	5.7	353	3.3	699	9.3
Research assistantships	4,488	24.5	1,148	10.6	3,340	44.6
Teaching assistantships	1,875	10.2	716	6.6	1,159	15.5
Traineeships	135	0.7	67	0.6	68	0.9
Other types of support	5,311	29.0	4,203	38.8	1,108	14.8
Self-support	4,125	22.5	3,437	31.8	688	9.2
Other	1,186	6.5	766	7.1	420	5.6

\* = 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, 2020.