

TABLE 4-24a

**Other engineering 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	191	27.3	172	24.6	125	17.9
Schools	197	25.0	178	22.6	126	16.0
Units	450	2.1	363	1.7	229	1.1
All graduate students	20,034	100.0	12,276	100.0	7,758	100.0
Male	14,353	71.6	8,788	71.6	5,565	71.7
Female	5,681	28.4	3,488	28.4	2,193	28.3
U.S. citizens and permanent residents <sup>a</sup>	11,865	59.2	8,158	66.5	3,707	47.8
Hispanic or Latino	1,119	5.6	790	6.4	329	4.2
Not Hispanic or Latino						
American Indian or Alaska Native	44	0.2	36	0.3	8	0.1
Asian	1,414	7.1	953	7.8	461	5.9
Black or African American	902	4.5	634	5.2	268	3.5
Native Hawaiian or Other Pacific Islander	15	0.1	12	0.1	3	*
White	7,442	37.1	5,111	41.6	2,331	30.0
More than one race	438	2.2	275	2.2	163	2.1
Unknown ethnicity and race	491	2.5	347	2.8	144	1.9
Temporary visa holders	8,169	40.8	4,118	33.5	4,051	52.2
Part time	7,531	37.6	6,059	49.4	1,472	19.0
Full time	12,503	62.4	6,217	50.6	6,286	81.0
First time	4,510	22.5	3,396	27.7	1,114	14.4
Primary source of support for full-time students <sup>b</sup>						
Federal	2,459	12.3	425	3.5	2,034	26.2
DOD	312	1.6	78	0.6	234	3.0
DOE	588	2.9	80	0.7	508	6.5
HHS	318	1.6	21	0.2	297	3.8
NIH	187	0.9	13	0.1	174	2.2
Other HHS	131	0.7	8	0.1	123	1.6
NASA	63	0.3	14	0.1	49	0.6
NSF	596	3.0	62	0.5	534	6.9
USDA	158	0.8	45	0.4	113	1.5
Other	424	2.1	125	1.0	299	3.9
Nonfederal	5,281	26.4	1,534	12.5	3,747	48.3
Institutional	4,346	21.7	1,270	10.3	3,076	39.6
Domestic	844	4.2	234	1.9	610	7.9
Foreign	91	0.5	30	0.2	61	0.8
Self-support	4,763	23.8	4,258	34.7	505	6.5
Primary mechanism of support for full-time students <sup>b</sup>						
Fellowships	1,093	5.5	284	2.3	809	10.4
Research assistantships	4,429	22.1	710	5.8	3,719	47.9
Teaching assistantships	1,107	5.5	348	2.8	759	9.8
Traineeships	80	0.4	30	0.2	50	0.6
Other types of support	5,794	28.9	4,845	39.5	949	12.2
Self-support	4,763	23.8	4,258	34.7	505	6.5
Other	1,031	5.1	587	4.8	444	5.7

\* = 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.