

TABLE 4-8a

**Computer and information 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	431	61.7	427	61.1	189	27.0
Schools	442	56.2	438	55.7	192	24.4
Units	1,023	4.8	945	4.4	288	1.3
All graduate students	121,730	100.0	102,199	100.0	19,531	100.0
Male	83,047	68.2	68,911	67.4	14,136	72.4
Female	38,683	31.8	33,288	32.6	5,395	27.6
U.S. citizens and permanent residents <sup>a</sup>	56,939	46.8	49,570	48.5	7,369	37.7
Hispanic or Latino	5,603	4.6	5,106	5.0	497	2.5
Not Hispanic or Latino						
American Indian or Alaska Native	142	0.1	121	0.1	21	0.1
Asian	12,837	10.5	11,428	11.2	1,409	7.2
Black or African American	5,922	4.9	5,390	5.3	532	2.7
Native Hawaiian or Other Pacific Islander	87	0.1	76	0.1	11	0.1
White	26,802	22.0	22,742	22.3	4,060	20.8
More than one race	2,059	1.7	1,742	1.7	317	1.6
Unknown ethnicity and race	3,487	2.9	2,965	2.9	522	2.7
Temporary visa holders	64,791	53.2	52,629	51.5	12,162	62.3
Part time	46,093	37.9	43,286	42.4	2,807	14.4
Full time	75,637	62.1	58,913	57.6	16,724	85.6
First time	37,733	31.0	34,588	33.8	3,145	16.1
Primary source of support for full-time students <sup>b</sup>						
Federal	6,180	5.1	1,602	1.6	4,578	23.4
DOD	1,387	1.1	387	0.4	1,000	5.1
DOE	136	0.1	28	*	108	0.6
HHS	513	0.4	87	0.1	426	2.2
NIH	388	0.3	56	0.1	332	1.7
Other HHS	125	0.1	31	*	94	0.5
NASA	46	*	13	*	33	0.2
NSF	2,869	2.4	363	0.4	2,506	12.8
USDA	69	0.1	38	*	31	0.2
Other	1,160	1.0	686	0.7	474	2.4
Nonfederal	21,406	17.6	10,990	10.8	10,416	53.3
Institutional	19,540	16.1	10,378	10.2	9,162	46.9
Domestic	1,510	1.2	484	0.5	1,026	5.3
Foreign	356	0.3	128	0.1	228	1.2
Self-support	48,051	39.5	46,321	45.3	1,730	8.9
Primary mechanism of support for full-time students <sup>b</sup>						
Fellowships	2,785	2.3	776	0.8	2,009	10.3
Research assistantships	9,819	8.1	2,033	2.0	7,786	39.9
Teaching assistantships	7,575	6.2	3,456	3.4	4,119	21.1
Traineeships	359	0.3	191	0.2	168	0.9
Other types of support	55,099	45.3	52,457	51.3	2,642	13.5
Self-support	48,051	39.5	46,321	45.3	1,730	8.9
Other	7,048	5.8	6,136	6.0	912	4.7

\* = 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.