

TABLE 4-8a

Computer and information sciences master's and doctoral student demographics, enrollment status, and funding: 2022

(Number and percent)

Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Institutions	430	62.3	426	61.7	195	28.3
Schools	441	56.9	437	56.4	199	25.7
Units	1,075	4.8	982	4.4	308	1.4
All graduate students	150,555	100.0	129,972	100.0	20,583	100.0
Male	101,682	67.5	86,842	66.8	14,840	72.1
Female	48,873	32.5	43,130	33.2	5,743	27.9
U.S. citizens and permanent residents ^a	55,394	36.8	47,610	36.6	7,784	37.8
Hispanic or Latino	5,615	3.7	5,083	3.9	532	2.6
Not Hispanic or Latino						
American Indian or Alaska Native	121	0.1	96	0.1	25	0.1
Asian	13,558	9.0	11,960	9.2	1,598	7.8
Black or African American	5,590	3.7	4,989	3.8	601	2.9
Native Hawaiian or Other Pacific Islander	93	0.1	80	0.1	13	0.1
White	25,030	16.6	20,862	16.1	4,168	20.2
More than one race	2,028	1.3	1,695	1.3	333	1.6
Unknown ethnicity and race	3,359	2.2	2,845	2.2	514	2.5
Temporary visa holders	95,161	63.2	82,362	63.4	12,799	62.2
Part time	49,303	32.7	46,264	35.6	3,039	14.8
Full time	101,252	67.3	83,708	64.4	17,544	85.2
First time	43,189	28.7	40,087	30.8	3,102	15.1
Primary source of support for full-time students ^b						
Federal	6,323	4.2	1,870	1.4	4,453	21.6
DOD	1,287	0.9	408	0.3	879	4.3
DOE	182	0.1	44	*	138	0.7
HHS	546	0.4	112	0.1	434	2.1
NIH	380	0.3	69	0.1	311	1.5
Other HHS	166	0.1	43	*	123	0.6
NASA	71	*	33	*	38	0.2
NSF	2,909	1.9	410	0.3	2,499	12.1
USDA	103	0.1	58	*	45	0.2
Other	1,225	0.8	805	0.6	420	2.0
Nonfederal	27,256	18.1	15,645	12.0	11,611	56.4
Institutional	25,106	16.7	14,742	11.3	10,364	50.4
Domestic	1,800	1.2	736	0.6	1,064	5.2
Foreign	350	0.2	167	0.1	183	0.9
Self-support	67,673	44.9	66,193	50.9	1,480	7.2
Primary mechanism of support for full-time students ^b						
Fellowships	3,081	2.0	1,012	0.8	2,069	10.1
Research assistantships	10,926	7.3	2,421	1.9	8,505	41.3
Teaching assistantships	8,727	5.8	4,531	3.5	4,196	20.4
Traineeships	430	0.3	201	0.2	229	1.1
Other types of support	78,088	51.9	75,543	58.1	2,545	12.4
Self-support	67,673	44.9	66,193	50.9	1,480	7.2
Other	10,415	6.9	9,350	7.2	1,065	5.2

* = 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, 2022.