TABLE 4-8a

Computer and information sciences master's and doctoral student demographics, enrollment status, and funding: 2023

(Number and percent)

Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Institutions	431	62.7	427	62.2	196	28.5
Schools	442	57.4	437	56.8	200	26.0
Units	1,115	4.9	1,017	4.5	319	1.4
All graduate students	166,014	100.0	143,530	100.0	22,484	100.0
Male	111,028	66.9	94,928	66.1	16,100	71.6
Female	54,986	33.1	48,602	33.9	6,384	28.4
U.S. citizens and permanent residents[a]	57,659	34.7	49,046	34.2	8,613	38.3
Hispanic or Latino	6,059	3.6	5,425	3.8	634	2.8
Not Hispanic or Latino						
American Indian or Alaska Native	168	0.1	141	0.1	27	0.1
Asian	14,432	8.7	12,577	8.8	1,855	8.3
Black or African American	6,351	3.8	5,529	3.9	822	3.7
Native Hawaiian or Other Pacific Islander	87	0.1	75	0.1	12	0.1
White	24,437	14.7	20,179	14.1	4,258	18.9
More than one race	2,166	1.3	1,784	1.2	382	1.7
Unknown ethnicity and race	3,959	2.4	3,336	2.3	623	2.8
Temporary visa holders	108,355	65.3	94,484	65.8	13,871	61.7
Part time	52,381	31.6	49,013	34.1	3,368	15.0
Full time	113,633	68.4	94,517	65.9	19,116	85.0
First time	47,543	28.6	43,890	30.6	3,653	16.2
Primary source of support for full-time students[b]						
Federal	6,387	3.8	1,855	1.3	4,532	20.2
DOD	1,240	0.7	405	0.3	835	3.7
DOE	195	0.1	51	*	144	0.6
HHS	583	0.4	158	0.1	425	1.9
NIH	434	0.3	113	0.1	321	1.4
Other HHS	149	0.1	45	*	104	0.5
NASA	95	0.1	49	*	46	0.2
NSF	2,989	1.8	432	0.3	2,557	11.4
USDA	99	0.1	48	*	51	0.2
Other	1,186	0.7	712	0.5	474	2.1
Nonfederal	31,186	18.8	18,458	12.9	12,728	56.6
Institutional	28,332	17.1	16,983	11.8	11,349	50.5
Domestic	2,388	1.4	1,260	0.9	1,128	5.0
Foreign	466	0.3	215	0.1	251	1.1

TABLE 4-8a

Computer and information sciences master's and doctoral student demographics, enrollment status, and funding: 2023

(Number and percent)

Characteristic	All graduate students		Master's students		Doctoral students	
	Number	Percent	Number	Percent	Number	Percent
Self-support	76,060	45.8	74,204	51.7	1,856	8.3
Primary mechanism of support for full-time students[b]						
Fellowships	3,572	2.2	1,078	0.8	2,494	11.1
Research assistantships	11,313	6.8	2,926	2.0	8,387	37.3
Teaching assistantships	9,443	5.7	4,597	3.2	4,846	21.6
Traineeships	551	0.3	255	0.2	296	1.3
Other types of support	88,754	53.5	85,661	59.7	3,093	13.8
Self-support	76,060	45.8	74,204	51.7	1,856	8.3
Other	12,694	7.6	11,457	8.0	1,237	5.5

* = 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, 2023.