

TABLE 4-8a

Computer and information sciences 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	425	59.7	421	59.1	179	25.1
Schools	436	54.1	432	53.6	183	22.7
Units	976	4.6	899	4.2	275	1.3
All graduate students	98,864	100.0	80,690	100.0	18,174	100.0
Male	68,122	68.9	54,834	68.0	13,288	73.1
Female	30,742	31.1	25,856	32.0	4,886	26.9
U.S. citizens and permanent residents ^a	51,796	52.4	44,929	55.7	6,867	37.8
Hispanic or Latino	4,989	5.0	4,541	5.6	448	2.5
Not Hispanic or Latino						
American Indian or Alaska Native	127	0.1	113	0.1	14	0.1
Asian	10,699	10.8	9,479	11.7	1,220	6.7
Black or African American	5,639	5.7	5,171	6.4	468	2.6
Native Hawaiian or Other Pacific Islander	70	0.1	62	0.1	8	*
White	25,311	25.6	21,380	26.5	3,931	21.6
More than one race	1,789	1.8	1,519	1.9	270	1.5
Unknown ethnicity and race	3,172	3.2	2,664	3.3	508	2.8
Temporary visa holders	47,068	47.6	35,761	44.3	11,307	62.2
Part time	43,462	44.0	40,761	50.5	2,701	14.9
Full time	55,402	56.0	39,929	49.5	15,473	85.1
First time	15,037	15.2	12,547	15.5	2,490	13.7
Primary source of support for full-time students ^b						
Federal	5,589	5.7	1,242	1.5	4,347	23.9
DOD	1,321	1.3	398	0.5	923	5.1
DOE	99	0.1	21	*	78	0.4
HHS	409	0.4	66	0.1	343	1.9
NIH	335	0.3	45	0.1	290	1.6
Other HHS	74	0.1	21	*	53	0.3
NASA	43	*	12	*	31	0.2
NSF	2,867	2.9	365	0.5	2,502	13.8
USDA	41	*	20	*	21	0.1
Other	809	0.8	360	0.4	449	2.5
Nonfederal	17,455	17.7	8,038	10.0	9,417	51.8
Institutional	15,688	15.9	7,493	9.3	8,195	45.1
Domestic	1,415	1.4	407	0.5	1,008	5.5
Foreign	352	0.4	138	0.2	214	1.2
Self-support	32,358	32.7	30,649	38.0	1,709	9.4
Primary mechanism of support for full-time students ^b						
Fellowships	2,318	2.3	465	0.6	1,853	10.2
Research assistantships	8,558	8.7	1,668	2.1	6,890	37.9
Teaching assistantships	7,268	7.4	3,258	4.0	4,010	22.1
Traineeships	371	0.4	205	0.3	166	0.9
Other types of support	36,887	37.3	34,333	42.5	2,554	14.1
Self-support	32,358	32.7	30,649	38.0	1,709	9.4
Other	4,529	4.6	3,684	4.6	845	4.6

* = 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, 2020.