

TABLE 2-2c

Citizenship, ethnicity, and race of graduate students, postdoctoral appointees, and doctorate-holding nonfaculty researchers in health, by sex: 2023

(Number and percent)

Citizenship, ethnicity, race, and field	Graduate students						Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	All graduate students		Master's		Doctoral		Total number	Percent female	Total number	Percent female
	Total number	Percent female	Total number	Percent female	Total number	Percent female				
All surveyed fields	818,095	48.4	510,866	49.4	307,229	46.7	65,850	43.1	34,342	43.2
U.S. citizens and permanent residents ^a	495,808	54.8	313,609	56.1	182,199	52.5	27,701	48.3	na	na
Hispanic or Latino	70,428	58.0	48,099	59.9	22,329	54.1	2,352	53.0	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	1,984	61.7	1,211	62.1	773	61.2	111	55.0	na	na
Asian	62,549	49.9	40,930	49.6	21,619	50.4	5,631	44.3	na	na
Black or African American	46,276	63.4	31,764	63.6	14,512	62.9	1,230	57.7	na	na
Native Hawaiian or Other Pacific Islander	754	55.4	544	56.1	210	53.8	57	47.4	na	na
White	269,477	53.6	163,247	55.4	106,230	51.0	14,585	48.3	na	na
More than one race	20,004	56.1	12,120	56.4	7,884	55.7	694	53.5	na	na
Unknown ethnicity and race	24,336	52.1	15,694	52.8	8,642	50.9	3,041	46.7	na	na
Temporary visa holders	322,287	38.6	197,257	38.7	125,030	38.3	38,149	39.4	na	na
Health	81,047	77.0	61,779	79.4	19,268	69.3	18,817	50.9	9,167	54.6
U.S. citizens and permanent residents ^a	70,313	78.9	55,358	80.8	14,955	71.8	8,150	55.6	na	na
Hispanic or Latino	10,330	78.1	8,585	79.7	1,745	70.2	684	56.3	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	351	82.3	265	83.4	86	79.1	29	69.0	na	na
Asian	7,235	75.4	5,740	77.4	1,495	67.9	1,849	53.8	na	na
Black or African American	9,064	78.2	6,822	78.8	2,242	76.3	482	64.1	na	na
Native Hawaiian or Other Pacific Islander	102	75.5	81	80.2	21	57.1	28	35.7	na	na
White	37,035	80.2	28,884	82.4	8,151	72.2	3,888	55.0	na	na
More than one race	2,410	77.9	1,931	79.4	479	71.8	157	62.4	na	na
Unknown ethnicity and race	3,786	76.8	3,050	79.4	736	66.0	1,033	55.7	na	na
Temporary visa holders	10,734	64.7	6,421	67.4	4,313	60.5	10,667	47.3	na	na
Clinical medicine ^b	34,658	76.1	28,484	77.0	6,174	71.9	16,393	50.6	7,798	54.2
U.S. citizens and permanent residents ^a	30,630	77.2	25,710	77.9	4,920	73.9	6,905	55.0	na	na
Hispanic or Latino	4,538	76.4	3,867	77.1	671	72.3	604	56.1	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	226	83.6	173	84.4	53	81.1	25	64.0	na	na
Asian	3,953	75.5	3,400	76.6	553	69.3	1,629	53.2	na	na
Black or African American	5,120	79.9	4,190	80.6	930	76.8	372	62.4	na	na
Native Hawaiian or Other Pacific Islander	57	75.4	46	80.4	11	54.5	25	28.0	na	na
White	13,548	77.0	11,240	77.5	2,308	74.5	3,366	54.8	na	na
More than one race	1,207	78.3	1,000	79.3	207	73.4	132	62.1	na	na

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Citizenship, ethnicity, and race of graduate students, postdoctoral appointees, and doctorate-holding nonfaculty researchers in health, by sex: 2023

(Number and percent)

Citizenship, ethnicity, race, and field	Graduate students						Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	All graduate students		Master's		Doctoral		Total number	Percent female	Total number	Percent female
	Total number	Percent female	Total number	Percent female	Total number	Percent female				
Unknown ethnicity and race	1,981	76.3	1,794	76.9	187	71.1	752	54.4	na	na
Temporary visa holders	4,028	67.7	2,774	69.3	1,254	64.0	9,488	47.5	na	na
Other health	46,389	77.6	33,295	81.4	13,094	68.1	2,424	52.8	1,369	56.8
U.S. citizens and permanent residents ^a	39,683	80.1	29,648	83.3	10,035	70.8	1,245	59.2	na	na
Hispanic or Latino	5,792	79.4	4,718	81.8	1,074	68.9	80	57.5	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	125	80.0	92	81.5	33	75.8	4	100.0	na	na
Asian	3,282	75.3	2,340	78.5	942	67.1	220	58.2	na	na
Black or African American	3,944	75.9	2,632	75.8	1,312	76.0	110	70.0	na	na
Native Hawaiian or Other Pacific Islander	45	75.6	35	80.0	10	60.0	3	100.0	na	na
White	23,487	82.0	17,644	85.6	5,843	71.2	522	56.9	na	na
More than one race	1,203	77.6	931	79.6	272	70.6	25	64.0	na	na
Unknown ethnicity and race	1,805	77.3	1,256	83.0	549	64.3	281	59.1	na	na
Temporary visa holders	6,706	62.9	3,647	66.0	3,059	59.1	1,179	46.0	na	na

na = not applicable; citizenship and race and ethnicity data are not collected for doctorate-holding nonfaculty researchers.

^a Ethnicity and race data are available only for U.S. citizens and permanent residents.^b Clinical medicine includes graduate students in public health and in medical clinical sciences and clinical and medical laboratory sciences. Clinical medicine includes postdoctoral appointees and nonfaculty researchers in medical clinical sciences, clinical and medical laboratory sciences, anesthesiology, cardiology, endocrinology, gastroenterology, hematology, neurology, obstetrics and gynecology, oncology and cancer research, ophthalmology, otorhinolaryngology, pediatrics, psychiatry, public health, pulmonary disease, radiological sciences, surgery, and clinical medicine not elsewhere classified.**Note(s):**

For postdoctoral appointees and doctorate-holding nonfaculty researchers, "field" refers to the field of the unit that reports information on these groups to the Survey of Graduate Students and Postdoctorates in Science and Engineering. For more information on the comparability of these counts to other NCSES published data, see the "Technical Notes."

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2023.