

TABLE 2-2c

Citizenship, ethnicity, and race of graduate students, postdoctoral appointees, and doctorate-holding nonfaculty researchers in health, by sex: 2022

(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	798,534	48.4	501,311	49.8	297,223	46.0	62,750	42.6	32,279	42.6
U.S. citizens and permanent residents ^a	500,299	54.5	322,005	56.2	178,294	51.4	27,289	47.8	na	na
Hispanic or Latino	69,621	57.9	48,303	59.8	21,318	53.5	2,192	51.1	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	2,082	64.1	1,331	65.7	751	61.3	92	56.5	na	na
Asian	61,426	50.0	40,873	50.0	20,553	49.9	5,286	43.9	na	na
Black or African American	44,016	63.4	31,398	64.0	12,618	61.8	1,141	59.1	na	na
Native Hawaiian or Other Pacific Islander	738	56.0	541	55.6	197	56.9	34	41.2	na	na
White	279,657	53.3	172,212	55.4	107,445	50.1	15,221	47.8	na	na
More than one race	19,331	56.0	12,002	56.9	7,329	54.6	638	52.0	na	na
Unknown ethnicity and race	23,428	51.6	15,345	53.6	8,083	47.8	2,685	46.4	na	na
Temporary visa holders	298,235	38.1	179,306	38.3	118,929	37.8	35,461	38.5	na	na
Health	84,368	77.2	66,308	79.1	18,060	70.0	17,742	50.6	8,501	53.5
U.S. citizens and permanent residents ^a	74,061	78.9	60,170	80.3	13,891	72.9	7,908	56.4	na	na
Hispanic or Latino	10,484	77.6	8,965	78.9	1,519	70.2	652	55.1	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	408	79.9	326	80.7	82	76.8	20	70.0	na	na
Asian	7,555	75.5	6,223	77.0	1,332	68.5	1,690	55.7	na	na
Black or African American	9,550	79.0	7,605	79.3	1,945	77.8	484	65.3	na	na
Native Hawaiian or Other Pacific Islander	121	72.7	105	72.4	16	75.0	9	22.2	na	na
White	39,709	80.3	31,780	82.0	7,929	73.4	4,112	56.0	na	na
More than one race	2,508	76.5	2,066	77.8	442	70.4	148	60.1	na	na
Unknown ethnicity and race	3,726	76.3	3,100	77.9	626	68.2	793	54.9	na	na
Temporary visa holders	10,307	64.7	6,138	67.5	4,169	60.4	9,834	46.0	na	na
Clinical medicine ^b	39,217	76.5	33,251	77.4	5,966	71.6	15,630	50.4	7,351	52.9
U.S. citizens and permanent residents ^a	34,718	77.6	29,940	78.2	4,778	73.5	6,792	55.4	na	na
Hispanic or Latino	4,991	76.4	4,339	77.0	652	71.8	591	54.8	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	270	78.1	209	78.5	61	77.0	16	62.5	na	na
Asian	4,461	75.5	3,923	76.7	538	67.5	1,506	55.1	na	na
Black or African American	5,843	80.8	5,050	81.5	793	76.9	396	65.4	na	na
Native Hawaiian or Other Pacific Islander	75	76.0	66	75.8	9	77.8	8	25.0	na	na

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Citizenship, ethnicity, and race of graduate students, postdoctoral appointees, and doctorate-holding nonfaculty researchers in health, by sex: 2022

(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
White	15,660	77.7	13,323	78.3	2,337	74.3	3,606	55.2	na	na
More than one race	1,367	77.7	1,185	78.0	182	75.8	127	59.1	na	na
Unknown ethnicity and race	2,051	74.6	1,845	75.2	206	69.4	542	50.7	na	na
Temporary visa holders	4,499	67.9	3,311	69.5	1,188	63.6	8,838	46.5	na	na
Other health	45,151	77.8	33,057	80.9	12,094	69.3	2,112	52.6	1,150	57.9
U.S. citizens and permanent residents ^a	39,343	80.1	30,230	82.4	9,113	72.6	1,116	62.1	na	na
Hispanic or Latino	5,493	78.8	4,626	80.7	867	69.0	61	57.4	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	138	83.3	117	84.6	21	76.2	4	100.0	na	na
Asian	3,094	75.5	2,300	77.6	794	69.3	184	60.9	na	na
Black or African American	3,707	76.1	2,555	75.0	1,152	78.5	88	64.8	na	na
Native Hawaiian or Other Pacific Islander	46	67.4	39	66.7	7	71.4	1	0.0	na	na
White	24,049	82.0	18,457	84.7	5,592	73.1	506	61.5	na	na
More than one race	1,141	75.0	881	77.5	260	66.5	21	66.7	na	na
Unknown ethnicity and race	1,675	78.3	1,255	81.9	420	67.6	251	63.7	na	na
Temporary visa holders	5,808	62.1	2,827	65.3	2,981	59.1	996	41.9	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 NCSSES 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, 2022.