

**Table 5-1**  
**Research doctorate recipients who attended community college, by sex, citizenship status, ethnicity, race, and broad field of doctorate: 2022**  
 (Percent)

Demographic characteristic	All fields	Science and engineering												Non-science and engineering						
		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric, and ocean sciences	Health sciences	Mathematics and statistics	Multidisciplinary/ interdisciplinary sciences	Physical sciences	Psychology	Social sciences	Total	Business	Education	Humanities	Visual and performing arts	Other non-science and engineering	
Doctorate recipients reporting community college attendance	20.9	19.4	23.3	22.5	9.9	13.1	20.6	33.5	14.5	14.6	17.0	31.4	19.8	27.1	17.5	33.5	25.8	19.4	26.9	
Sex																				
Male	18.3	17.0	23.7	22.0	9.5	12.4	20.7	27.5	14.7	13.4	16.5	36.1	17.7	25.7	16.0	32.5	26.8	19.6	26.1	
Female	23.9	22.5	23.0	22.9	11.2	15.0	20.6	36.2	13.9	16.8	18.1	29.8	21.8	28.0	19.3	33.9	24.6	19.3	27.4	
Citizenship status																				
U.S. citizen or permanent resident	30.4	29.5	35.8	28.9	22.3	26.1	28.9	42.1	28.5	27.8	26.0	33.7	28.2	33.2	30.5	37.2	30.2	23.9	35.3	
Temporary visa holder	3.9	3.6	4.3	4.0	2.5	3.2	4.9	7.2	2.1	2.9	3.9	8.4	3.4	5.7	4.6	D	4.2	D	7.3	
Ethnicity and race (U.S. citizens and permanent residents)																				
Hispanic or Latino	36.5	35.0	23.2	33.0	23.8	27.3	37.3	50.6	45.5	34.6	36.6	37.0	39.2	41.0	37.8	44.8	35.7	37.9	45.8	
Not Hispanic or Latino																				
American Indian or Alaska Native	50.6	46.2	D	D	0.0	D	-	D	0.0	D	D	D	58.8	58.1	D	61.1	D	D	D	
Asian	20.8	20.6	15.4	22.2	17.9	17.5	D	28.3	16.8	18.4	D	29.3	20.4	21.7	14.2	26.8	27.1	16.3	18.2	
Black or African American	34.5	33.4	32.4	D	24.4	30.6	D	48.3	30.8	28.9	25.0	D	29.8	36.1	45.7	35.4	28.0	20.0	42.6	
White	30.4	29.7	38.7	29.4	22.5	27.4	29.5	41.7	29.2	27.9	25.5	33.8	27.0	32.5	30.9	37.5	29.5	22.7	33.5	
More than one race	32.0	31.5	58.8	27.7	36.0	34.1	27.3	52.0	28.6	34.6	29.9	24.1	32.7	34.1	D	35.1	33.3	D	D	
Other race or race not reported	29.3	28.2	D	38.6	31.3	D	0.0	D	30.8	D	43.5	32.0	20.0	32.5	D	27.3	D	D	50.0	
Ethnicity not reported	33.0	29.4	0.0	46.2	12.5	30.0	25.0	20.0	0.0	50.0	30.0	33.3	21.4	43.8	0.0	28.6	45.5	50.0	83.3	

- = not calculable; D = suppressed to avoid disclosure of confidential information.

**Note(s):**  
 Percentages based on total number of doctorate recipients. Due to rounding, percentages may not sum to 100. Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and new broad, major, and detailed fields are used in tables reporting data from 2021 to the present; see the field list in table A-4. Therefore, the field of doctorate data prior to 2021 may not be comparable to subsequent years. For more information, see the "Technical Notes" and the SED 2021 Taxonomy Changes Working Paper (available at <https://nces.nsf.gov/pubs/nces23200>).

**Source(s):**  
 National Center for Science and Engineering Statistics, Survey of Earned Doctorates.