

TABLE 4-6
U.S. citizen and permanent resident research doctorate recipients with graduate education-related debt, by ethnicity, race, and broad field of doctorate: 2023

(Number and percent)

Ethnicity, race, and debt level	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	
Total (number) ^a	166	121	4	21	8	17	2	15	2	8	11	15	18	45	4	19	13	6	3	
Debt > \$30,000 (%)	19.3	19.8	0.0	4.8	12.5	23.5	0.0	60.0	0.0	0.0	0.0	40.0	16.7	17.8	0.0	31.6	7.7	16.7	0.0	
Debt > \$70,000 (%)	14.5	16.5	0.0	0.0	12.5	23.5	0.0	53.3	0.0	0.0	0.0	26.7	16.7	8.9	0.0	10.5	7.7	16.7	0.0	

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

^a Total includes all doctorate recipients who responded to the graduate school debt question, even if they reported they had no debt.

Note(s):

Percentages were calculated based on the number of cases in each category. 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 about the 2021 taxonomy change, see the "Technical Notes."

Source(s):

National Center for Science and Engineering Statistics, Survey of Earned Doctorates.