

Table 41**U.S. citizen and permanent resident doctorate recipients with graduate-school debt, by ethnicity, race, and broad field of study: 2019**

(Number and percent)

Ethnicity, race, and debt level	All fields	Life sciences ^a	Physical sciences and earth sciences	Mathematics and computer sciences	Psychology and social sciences	Engineering	Education	Humanities and arts	Other ^b
All U.S. citizen and permanent resident doctorate recipients									
Total (number) ^c	33,411	8,689	3,751	1,705	6,266	4,052	3,637	3,725	1,586
Debt > \$30,000 (%)	23.0	17.3	7.9	10.0	36.9	8.0	40.3	27.7	37.7
Hispanic or Latino									
Total (number) ^c	2,683	737	258	97	576	288	306	314	107
Debt > \$30,000 (%)	30.0	19.0	15.9	16.5	44.6	12.2	51.0	33.8	50.5
Not Hispanic or Latino									
American Indian or Alaska Native									
Total (number) ^c	103	23	7	D	27	8	D	8	6
Debt > \$30,000 (%)	39.8	30.4	D	0.0	48.1	0.0	D	D	D
Asian									
Total (number) ^c	3,297	1,019	354	243	419	688	200	193	181
Debt > \$30,000 (%)	10.1	8.4	5.6	3.7	16.7	6.5	26.5	13.0	13.3
Black or African American									
Total (number) ^c	2,361	522	83	67	564	172	571	168	214
Debt > \$30,000 (%)	56.0	46.0	24.1	34.3	66.0	18.0	66.9	60.1	71.0
White									
Total (number) ^c	23,427	5,994	2,865	1,203	4,359	2,712	2,391	2,886	1,017
Debt > \$30,000 (%)	20.5	15.7	6.9	9.4	33.6	7.3	33.4	25.7	33.8
More than one race									
Total (number) ^c	1,106	294	140	67	238	122	107	102	36
Debt > \$30,000 (%)	25.7	21.4	5.7	11.9	40.3	8.2	48.6	33.3	36.1
Other race or race not reported									
Total (number) ^c	292	68	28	D	58	38	D	35	19
Debt > \$30,000 (%)	22.9	20.6	D	5.0	41.4	5.3	D	D	D
Ethnicity not reported									
Total (number) ^c	142	32	16	7	25	24	13	19	6
Debt > \$30,000 (%)	31.0	21.9	18.8	14.3	52.0	8.3	38.5	42.1	83.3

D = suppressed to avoid disclosure of confidential information.

^a Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.

^b Includes other non-science and engineering fields not shown separately.

^c Includes all persons 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.

Source(s):

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