

TABLE 41

U.S. citizen and permanent resident doctorate recipients with graduate-school debt, by ethnicity, race, and broad field of study: 2018

(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	33,495	8,624	3,622	1,659	6,259	4,030	3,799	3,913	1,589
Debt > \$30,000 (%)	23.3	17.5	7.4	9.3	36.4	8.0	40.3	27.9	39.5
Hispanic or Latino									
Total (number) ^c	2,435	636	212	90	535	272	290	326	74
Debt > \$30,000 (%)	30.1	20.4	11.3	14.4	44.7	11.8	51.4	32.2	54.1
Not Hispanic or Latino									
American Indian or Alaska Native									
Total (number) ^c	100	20	7	D	28	6	20	11	D
Debt > \$30,000 (%)	45.0	65.0	0.0	D	42.9	D	40.0	45.5	D
Asian									
Total (number) ^c	3,166	962	347	224	452	654	192	188	147
Debt > \$30,000 (%)	10.1	8.2	2.6	3.6	22.8	4.9	24.0	11.7	13.6
Black or African American									
Total (number) ^c	2,309	557	95	63	496	161	551	190	196
Debt > \$30,000 (%)	54.0	46.1	18.9	30.2	66.3	18.6	67.9	47.4	66.8
White									
Total (number) ^c	23,945	6,048	2,829	1,194	4,408	2,743	2,585	3,049	1,089
Debt > \$30,000 (%)	21.0	15.7	7.1	9.0	33.2	7.7	34.1	27.0	36.2
More than one race									
Total (number) ^c	1,092	284	99	58	251	126	115	112	47
Debt > \$30,000 (%)	28.6	20.8	12.1	8.6	42.2	7.1	53.0	32.1	51.1
Other race or race not reported									
Total (number) ^c	287	82	19	D	61	42	25	23	D
Debt > \$30,000 (%)	21.3	20.7	10.5	D	26.2	D	28.0	30.4	D
Ethnicity not reported									
Total (number) ^c	161	35	14	9	28	26	21	14	14
Debt > \$30,000 (%)	26.7	25.7	7.1	0.0	50.0	15.4	23.8	21.4	50.0

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.