

TABLE 41

U.S. citizen and permanent resident doctorate recipients with graduate-school debt, by ethnicity, race, and broad field of study: 2017

(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	33,385	8,368	3,528	1,590	6,340	3,995	3,776	4,034	1,754
Debt > \$30,000 (%)	24.1	18.0	7.8	10.4	36.4	9.2	40.0	29.8	40.6
Hispanic or Latino									
Total (number) ^c	2,391	582	209	76	531	272	305	293	123
Debt > \$30,000 (%)	29.9	19.4	8.6	13.2	41.2	12.9	49.8	35.5	52.0
Not Hispanic or Latino									
American Indian or Alaska Native									
Total (number) ^c	100	25	6	D	22	10	20	D	D
Debt > \$30,000 (%)	36.0	32.0	0.0	0.0	40.9	D	50.0	D	D
Asian									
Total (number) ^c	3,181	939	312	244	472	662	209	174	169
Debt > \$30,000 (%)	11.3	10.9	4.2	6.6	19.7	6.3	23.9	9.8	14.8
Black or African American									
Total (number) ^c	2,264	552	89	48	499	163	552	141	220
Debt > \$30,000 (%)	55.6	47.6	28.1	31.3	64.1	26.4	65.8	59.6	65.9
White									
Total (number) ^c	24,036	5,898	2,760	1,140	4,550	2,725	2,559	3,237	1,167
Debt > \$30,000 (%)	22.3	16.3	7.2	10.2	34.3	8.6	34.5	29.2	38.6
More than one race									
Total (number) ^c	1,005	282	111	48	205	114	80	114	51
Debt > \$30,000 (%)	23.5	15.2	12.6	12.5	40.0	9.6	42.5	23.7	37.3
Other race or race not reported									
Total (number) ^c	297	64	34	D	44	33	31	D	D
Debt > \$30,000 (%)	22.2	12.5	11.8	4.2	40.9	D	45.2	D	D
Ethnicity not reported									
Total (number) ^c	111	26	7	9	17	16	20	10	6
Debt > \$30,000 (%)	23.4	26.9	0.0	11.1	29.4	0.0	30.0	50.0	33.3

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.

TABLE 41

U.S. citizen and permanent resident doctorate recipients with graduate-school debt, by ethnicity, race, and broad field of study: 2017

(Number and percent)

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2017.