

Table 40. Education-related debt of doctorate recipients, by sex, citizenship status, ethnicity, and race: 2016

Debt level	Sex				Citizenship status				U.S. citizens and permanent residents															
	Male		Female		U.S. citizen or permanent resident		Temporary visa holder		Hispanic or Latino		Not Hispanic or Latino												Ethnicity not reported	
											American Indian or Alaska Native		Asian		Black or African American		White		More than one race		Other race or race not reported			
Cumulative debt	Mean																							
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mean	\$20,611		\$27,646		\$30,803		\$8,552		\$39,381		\$42,875		\$14,600		\$65,255		\$28,664		\$34,128		\$27,411		\$30,203	
No debt	15,341	56.5	11,627	50.5	15,169	44.3	11,620	74.3	806	33.2	42	35.0	1,943	64.3	450	20.0	11,311	45.3	408	40.0	112	50.0	97	49.2
\$10,000 or less	2,531	9.3	1,878	8.2	2,845	8.3	1,541	9.9	231	9.5	16	13.3	255	8.4	139	6.2	2,083	8.3	92	9.0	19	8.5	10	5.1
\$10,001–\$20,000	1,842	6.8	1,525	6.6	2,707	7.9	644	4.1	222	9.1	10	8.3	215	7.1	128	5.7	2,016	8.1	88	8.6	15	6.7	13	6.6
\$20,001–\$30,000	1,496	5.5	1,335	5.8	2,340	6.8	481	3.1	180	7.4	D	D	141	4.7	131	5.8	1,794	7.2	64	6.3	D	D	13	6.6
\$30,001–\$40,000	964	3.5	884	3.8	1,614	4.7	222	1.4	126	5.2	5	4.2	82	2.7	101	4.5	1,234	4.9	47	4.6	7	3.1	12	6.1
\$40,001–\$50,000	763	2.8	807	3.5	1,323	3.9	240	1.5	116	4.8	D	D	81	2.7	98	4.3	976	3.9	40	3.9	D	D	3	1.5
\$50,001–\$60,000	586	2.2	575	2.5	1,011	3.0	145	0.9	87	3.6	D	D	47	1.6	95	4.2	723	2.9	40	3.9	D	D	9	4.6
\$60,001–\$70,000	539	2.0	550	2.4	978	2.9	104	0.7	84	3.5	D	D	52	1.7	82	3.6	722	2.9	27	2.6	D	D	4	2.0
\$70,001–\$80,000	445	1.6	484	2.1	814	2.4	113	0.7	64	2.6	D	D	30	1.0	95	4.2	585	2.3	26	2.5	D	D	3	1.5
\$80,001–\$90,000	578	2.1	622	2.7	1,064	3.1	126	0.8	88	3.6	6	5.0	45	1.5	131	5.8	751	3.0	30	2.9	5	2.2	8	4.1
\$90,001 or more	2,086	7.7	2,744	11.9	4,401	12.8	395	2.5	426	17.5	29	24.2	133	4.4	804	35.7	2,801	11.2	159	15.6	24	10.7	25	12.7
Total	27,171	100.0	23,031	100.0	34,266	100.0	15,631	100.0	2,430	100.0	120	100.0	3,024	100.0	2,254	100.0	24,996	100.0	1,021	100.0	224	100.0	197	100.0
Graduate debt	Mean																							
Mean	\$12,601		\$18,103		19,339		\$5,834		\$24,486		\$29,286		\$8,995		\$42,501		\$17,869		\$22,141		\$17,545		\$18,866	
No debt	18,178	67.5	13,809	60.5	19,700	57.9	12,091	78.3	1,122	46.5	56	47.1	2,244	74.8	651	29.2	14,814	59.6	550	54.0	141	63.5	122	62.9
\$10,000 or less	2,320	8.6	1,755	7.7	2,694	7.9	1,363	8.8	246	10.2	14	11.8	191	6.4	147	6.6	1,982	8.0	91	8.9	12	5.4	11	5.7
\$10,001–\$20,000	1,276	4.7	1,155	5.1	1,856	5.5	565	3.7	174	7.2	6	5.0	139	4.6	129	5.8	1,335	5.4	55	5.4	12	5.4	6	3.1
\$20,001–\$30,000	993	3.7	956	4.2	1,544	4.5	395	2.6	129	5.4	D	D	93	3.1	127	5.7	1,134	4.6	D	D	11	5.0	6	3.1
\$30,001–\$40,000	682	2.5	714	3.1	1,183	3.5	201	1.3	98	4.1	D	D	64	2.1	102	4.6	864	3.5	D	D	7	3.2	11	5.7
\$40,001–\$50,000	531	2.0	662	2.9	993	2.9	193	1.2	85	3.5	D	D	49	1.6	117	5.3	705	2.8	D	D	2	0.9	2	1.0
\$50,001–\$60,000	520	1.9	541	2.4	906	2.7	149	1.0	101	4.2	D	D	38	1.3	100	4.5	623	2.5	D	D	5	2.3	7	3.6
\$60,001–\$70,000	401	1.5	476	2.1	788	2.3	84	0.5	67	2.8	D	D	36	1.2	100	4.5	551	2.2	D	D	2	0.9	5	2.6

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											American Indian or Alaska Native		Asian		Black or African American		White		More than one race		Other race or race not reported			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
\$70,001–\$80,000	342	1.3	432	1.9	693	2.0	80	0.5	66	2.7	D	D	26	0.9	92	4.1	471	1.9	D	D	7	3.2	1	0.5
\$80,001–\$90,000	548	2.0	671	2.9	1,077	3.2	131	0.8	83	3.4	7	5.9	52	1.7	182	8.2	700	2.8	38	3.7	7	3.2	8	4.1
\$90,001 or more	1,150	4.3	1,669	7.3	2,608	7.7	194	1.3	240	10.0	20	16.8	67	2.2	480	21.6	1,673	6.7	97	9.5	16	7.2	15	7.7
Total	26,941	100.0	22,840	100.0	34,042	100.0	15,446	100.0	2,411	100.0	119	100.0	2,999	100.0	2,227	100.0	24,852	100.0	1,018	100.0	222	100.0	194	100.0
Undergraduate debt																								
Mean	\$8,128		\$9,709		\$11,604		\$2,793		\$15,093		\$13,833		\$5,691		\$23,325		\$10,909		\$12,052		\$10,022		\$11,624	
No debt	19,381	71.4	15,615	67.9	21,174	61.9	13,607	87.2	1,285	52.9	68	56.7	2,315	76.7	949	42.2	15,679	62.8	590	57.8	153	68.3	135	68.5
\$10,000 or less	1,869	6.9	1,660	7.2	2,719	7.9	794	5.1	246	10.1	10	8.3	195	6.5	201	8.9	1,938	7.8	104	10.2	18	8.0	7	3.6
\$10,001–\$20,000	1,778	6.6	1,674	7.3	3,026	8.8	412	2.6	235	9.7	11	9.2	195	6.5	191	8.5	2,261	9.1	103	10.1	17	7.6	13	6.6
\$20,001–\$30,000	1,440	5.3	1,328	5.8	2,444	7.1	309	2.0	217	8.9	11	9.2	123	4.1	209	9.3	1,787	7.2	78	7.6	9	4.0	10	5.1
\$30,001–\$40,000	843	3.1	777	3.4	1,462	4.3	148	0.9	116	4.8	5	4.2	58	1.9	159	7.1	1,069	4.3	40	3.9	5	2.2	10	5.1
\$40,001–\$50,000	528	1.9	545	2.4	945	2.8	122	0.8	87	3.6	D	D	47	1.6	127	5.6	634	2.5	D	D	6	2.7	7	3.6
\$50,001–\$60,000	384	1.4	343	1.5	644	1.9	78	0.5	51	2.1	D	D	28	0.9	92	4.1	445	1.8	D	D	2	0.9	4	2.0
\$60,001–\$70,000	232	0.9	271	1.2	473	1.4	27	0.2	51	2.1	D	D	20	0.7	66	2.9	312	1.2	D	D	3	1.3	2	1.0
\$70,001–\$80,000	167	0.6	172	0.7	312	0.9	24	0.2	36	1.5	D	D	8	0.3	33	1.5	222	0.9	D	D	5	2.2	2	1.0
\$80,001–\$90,000	218	0.8	222	1.0	393	1.1	42	0.3	29	1.2	D	D	14	0.5	76	3.4	251	1.0	D	D	2	0.9	2	1.0
\$90,001 or more	295	1.1	386	1.7	636	1.9	38	0.2	76	3.1	D	D	15	0.5	145	6.5	373	1.5	D	D	4	1.8	5	2.5
Total	27,135	100.0	22,993	100.0	34,228	100.0	15,601	100.0	2,429	100.0	120	100.0	3,018	100.0	2,248	100.0	24,971	100.0	1,021	100.0	224	100.0	197	100.0

D = suppressed to avoid disclosure of confidential information.

NOTES: Mean calculations are based on all valid responses to debt item. See technical notes for details on calculations of means.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2016.