

Table 39**Graduate education-related debt of doctorate recipients, by broad field of study: 2010–19**

(Number)

Debt level and field	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
All doctorate recipients	43,898	44,781	46,490	46,449	46,819	48,759	49,778	49,225	50,014	50,784
No debt	28,105	28,663	29,297	28,883	29,333	30,890	31,987	32,602	33,828	34,746
\$10,000 or less	3,510	3,697	4,030	3,931	3,842	4,189	4,071	3,799	3,831	3,481
\$10,001–\$30,000	4,238	4,314	4,565	4,609	4,435	4,464	4,376	3,896	3,720	3,795
\$30,001 or more	8,045	8,107	8,598	9,026	9,209	9,216	9,344	8,928	8,635	8,762
Life sciences ^a	10,466	10,673	11,115	10,867	10,917	11,306	11,636	11,615	11,778	11,921
No debt	7,268	7,451	7,658	7,318	7,427	7,812	8,100	8,213	8,391	8,504
\$10,000 or less	849	853	943	904	860	940	914	913	875	841
\$10,001–\$30,000	944	909	1,001	1,016	997	943	940	817	815	853
\$30,001 or more	1,405	1,460	1,513	1,629	1,633	1,611	1,682	1,672	1,697	1,723
Physical sciences and earth sciences	4,629	4,900	5,009	5,005	5,203	5,328	5,748	5,624	5,870	6,128
No debt	3,575	3,734	3,833	3,831	4,023	4,164	4,530	4,583	4,823	5,026
\$10,000 or less	384	401	426	421	404	460	484	392	446	395
\$10,001–\$30,000	333	353	377	380	365	324	335	298	269	318
\$30,001 or more	337	412	373	373	411	380	399	351	332	389
Mathematics and computer sciences	2,956	2,999	3,149	3,273	3,415	3,407	3,589	3,468	3,673	3,894
No debt	2,358	2,381	2,505	2,633	2,685	2,747	2,885	2,835	3,044	3,255
\$10,000 or less	174	217	202	204	238	222	190	218	215	210
\$10,001–\$30,000	171	178	187	182	189	175	217	175	170	169
\$30,001 or more	253	223	255	254	303	263	297	240	244	260
Psychology and social sciences	7,095	7,363	7,598	7,442	7,435	7,853	8,073	7,957	7,913	8,083
No debt	3,415	3,523	3,560	3,446	3,431	3,635	3,966	4,057	4,165	4,349
\$10,000 or less	556	630	657	615	609	670	687	643	610	557
\$10,001–\$30,000	866	882	983	880	860	947	881	840	736	727
\$30,001 or more	2,258	2,328	2,398	2,501	2,535	2,601	2,539	2,417	2,402	2,450
Engineering	6,989	7,363	7,747	7,964	8,445	8,827	8,549	8,853	9,285	9,433
No debt	5,347	5,654	5,907	5,981	6,426	6,787	6,555	7,034	7,485	7,575
\$10,000 or less	581	635	692	706	746	774	759	678	715	639
\$10,001–\$30,000	528	504	549	615	617	613	568	520	516	578
\$30,001 or more	533	570	599	662	656	653	667	621	569	641
Education	4,766	4,255	4,397	4,300	4,079	4,490	4,621	4,299	4,356	4,202
No debt	2,445	2,152	2,115	1,898	1,725	1,942	2,038	1,893	1,952	1,977
\$10,000 or less	365	312	373	361	347	396	369	340	339	267
\$10,001–\$30,000	556	542	534	574	502	555	557	483	480	421
\$30,001 or more	1,400	1,249	1,375	1,467	1,505	1,597	1,657	1,583	1,585	1,537
Humanities and arts	4,577	4,808	5,059	4,974	4,771	4,939	4,953	4,734	4,610	4,505
No debt	2,383	2,459	2,451	2,431	2,325	2,437	2,551	2,544	2,549	2,562
\$10,000 or less	434	477	539	525	450	543	466	444	457	402
\$10,001–\$30,000	569	657	671	667	629	633	611	509	483	475
\$30,001 or more	1,191	1,215	1,398	1,351	1,367	1,326	1,325	1,237	1,121	1,066
Other ^b	2,420	2,420	2,416	2,624	2,554	2,609	2,609	2,675	2,529	2,618
No debt	1,314	1,309	1,268	1,345	1,291	1,366	1,362	1,443	1,419	1,498
\$10,000 or less	167	172	198	195	188	184	202	171	174	170
\$10,001–\$30,000	271	289	263	295	276	274	267	254	251	254
\$30,001 or more	668	650	687	789	799	785	778	807	685	696

^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.**Source(s):**

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