

TABLE 14

Doctorate recipients, by broad field of study and sex: Selected years, 1987–2017

(Number and percent)

Field of study and sex	1987		1992		1997		2002		2007		2012		2017	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All fields ^a	32,365	100.0	38,667	100.0	42,184	100.0	39,946	100.0	48,106	100.0	50,889	100.0	54,641	100.0
Male	20,934	64.7	24,232	62.7	24,942	59.1	21,806	54.6	26,202	54.5	27,362	53.8	29,146	53.3
Female	11,431	35.3	14,435	37.3	17,242	40.9	18,140	45.4	21,904	45.5	23,527	46.2	25,495	46.7
Life sciences ^b	5,783	100.0	7,141	100.0	8,365	100.0	8,465	100.0	10,694	100.0	11,949	100.0	12,587	100.0
Male	3,747	64.8	4,322	60.5	4,613	55.1	4,443	52.5	5,197	48.6	5,335	44.6	5,629	44.7
Female	2,036	35.2	2,819	39.5	3,752	44.9	4,022	47.5	5,497	51.4	6,614	55.4	6,958	55.3
Physical sciences and earth sciences	3,811	100.0	4,486	100.0	4,522	100.0	3,871	100.0	4,955	100.0	5,414	100.0	6,079	100.0
Male	3,177	83.4	3,545	79.0	3,489	77.2	2,812	72.6	3,447	69.6	3,684	68.0	4,068	66.9
Female	634	16.6	941	21.0	1,033	22.8	1,059	27.4	1,508	30.4	1,730	32.0	2,011	33.1
Mathematics and computer sciences	1,189	100.0	1,913	100.0	2,007	100.0	1,723	100.0	3,041	100.0	3,493	100.0	3,842	100.0
Male	999	84.0	1,588	83.0	1,594	79.4	1,290	74.9	2,307	75.9	2,638	75.5	2,866	74.6
Female	190	16.0	325	17.0	413	20.6	433	25.1	734	24.1	855	24.5	976	25.4
Psychology and social sciences	6,063	100.0	6,530	100.0	7,299	100.0	6,912	100.0	7,306	100.0	8,494	100.0	9,074	100.0
Male	3,424	56.5	3,386	51.9	3,441	47.1	3,083	44.6	3,028	41.4	3,539	41.7	3,693	40.7
Female	2,639	43.5	3,144	48.1	3,858	52.9	3,829	55.4	4,278	58.6	4,955	58.3	5,381	59.3
Engineering	3,712	100.0	5,366	100.0	6,065	100.0	5,067	100.0	7,746	100.0	8,452	100.0	9,837	100.0
Male	3,470	93.5	4,860	90.6	5,315	87.6	4,174	82.4	6,141	79.3	6,565	77.7	7,389	75.1
Female	242	6.5	506	9.4	750	12.4	893	17.6	1,605	20.7	1,887	22.3	2,448	24.9
Education	6,453	100.0	6,664	100.0	6,517	100.0	6,495	100.0	6,447	100.0	4,799	100.0	4,821	100.0
Male	2,896	44.9	2,688	40.3	2,394	36.7	2,196	33.8	2,103	32.6	1,500	31.3	1,521	31.5
Female	3,557	55.1	3,976	59.7	4,123	63.3	4,299	66.2	4,344	67.4	3,299	68.7	3,300	68.5
Humanities and arts	3,478	100.0	4,376	100.0	5,248	100.0	5,286	100.0	5,083	100.0	5,559	100.0	5,289	100.0
Male	2,017	58.0	2,443	55.8	2,798	53.3	2,676	50.6	2,605	51.2	2,741	49.3	2,581	48.8
Female	1,461	42.0	1,933	44.2	2,450	46.7	2,610	49.4	2,478	48.8	2,818	50.7	2,708	51.2
Other ^c	1,876	100.0	2,191	100.0	2,161	100.0	2,127	100.0	2,834	100.0	2,729	100.0	3,112	100.0
Male	1,204	64.2	1,400	63.9	1,298	60.1	1,132	53.2	1,374	48.5	1,360	49.8	1,399	45.0
Female	672	35.8	791	36.1	863	39.9	995	46.8	1,460	51.5	1,369	50.2	1,713	55.0

^a Excludes respondents who did not report sex: 0 in 1987, 219 in 1992, 355 in 1997, 85 in 2002, 26 in 2007, 55 in 2012, and 23 in 2017.^b Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.^c Includes other non-science and engineering fields not shown separately.**Source(s)**

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