

Table 14**Doctorate recipients, by broad field of study and sex: Selected years, 1989–2019**

(Number and percent)

Field and sex	1989		1994		1999		2004		2009		2014		2019	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All fields ^a	34,325	100.0	40,880	100.0	40,923	100.0	42,120	100.0	49,518	100.0	53,821	100.0	55,693	100.0
Male	21,812	63.5	25,058	61.3	23,438	57.3	22,965	54.5	26,331	53.2	29,008	53.9	30,151	54.1
Female	12,513	36.5	15,822	38.7	17,485	42.7	19,155	45.5	23,187	46.8	24,813	46.1	25,542	45.9
Life sciences ^b	6,410	100.0	7,771	100.0	8,173	100.0	8,813	100.0	11,393	100.0	12,444	100.0	12,780	100.0
Male	3,966	61.9	4,526	58.2	4,530	55.4	4,450	50.5	5,183	45.5	5,514	44.3	5,819	45.5
Female	2,444	38.1	3,245	41.8	3,643	44.6	4,363	49.5	6,210	54.5	6,930	55.7	6,961	54.5
Physical sciences and earth sciences	3,916	100.0	4,713	100.0	4,267	100.0	4,022	100.0	5,151	100.0	5,892	100.0	6,581	100.0
Male	3,169	80.9	3,726	79.1	3,257	76.3	2,920	72.6	3,533	68.6	3,968	67.3	4,368	66.4
Female	747	19.1	987	20.9	1,010	23.7	1,102	27.4	1,618	31.4	1,924	32.7	2,213	33.6
Mathematics and computer sciences	1,471	100.0	2,014	100.0	1,929	100.0	2,024	100.0	3,159	100.0	3,846	100.0	4,239	100.0
Male	1,208	82.1	1,641	81.5	1,495	77.5	1,520	75.1	2,327	73.7	2,912	75.7	3,144	74.2
Female	263	17.9	373	18.5	434	22.5	504	24.9	832	26.3	934	24.3	1,095	25.8
Psychology and social sciences	6,225	100.0	6,895	100.0	7,361	100.0	7,158	100.0	7,943	100.0	8,724	100.0	9,071	100.0
Male	3,375	54.2	3,444	49.9	3,332	45.3	3,191	44.6	3,297	41.5	3,507	40.2	3,672	40.5
Female	2,850	45.8	3,451	50.1	4,029	54.7	3,967	55.4	4,646	58.5	5,217	59.8	5,399	59.5
Engineering	4,543	100.0	5,784	100.0	5,292	100.0	5,776	100.0	7,637	100.0	9,585	100.0	10,301	100.0
Male	4,168	91.7	5,149	89.0	4,504	85.1	4,755	82.3	6,006	78.6	7,401	77.2	7,833	76.0
Female	375	8.3	635	11.0	788	14.9	1,021	17.7	1,631	21.4	2,184	22.8	2,468	24.0
Education	6,280	100.0	6,702	100.0	6,538	100.0	6,634	100.0	6,527	100.0	4,779	100.0	4,635	100.0
Male	2,670	42.5	2,612	39.0	2,339	35.8	2,264	34.1	2,161	33.1	1,468	30.7	1,422	30.7
Female	3,610	57.5	4,090	61.0	4,199	64.2	4,370	65.9	4,366	66.9	3,311	69.3	3,213	69.3
Humanities and arts	3,520	100.0	4,684	100.0	5,247	100.0	5,245	100.0	4,903	100.0	5,520	100.0	5,052	100.0
Male	2,023	57.5	2,554	54.5	2,760	52.6	2,574	49.1	2,404	49.0	2,760	50.0	2,479	49.1
Female	1,497	42.5	2,130	45.5	2,487	47.4	2,671	50.9	2,499	51.0	2,760	50.0	2,573	50.9
Other ^c	1,960	100.0	2,317	100.0	2,116	100.0	2,448	100.0	2,805	100.0	3,031	100.0	3,034	100.0
Male	1,233	62.9	1,406	60.7	1,221	57.7	1,291	52.7	1,420	50.6	1,478	48.8	1,414	46.6
Female	727	37.1	911	39.3	895	42.3	1,157	47.3	1,385	49.4	1,553	51.2	1,620	53.4

^a Excludes respondents who did not report sex.^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 Center for Science and Engineering Statistics, Survey of Earned Doctorates.