

TABLE 14

Doctorate recipients, by broad field of study and sex: Selected years, 1988–2018

(Number and percent)

Field of study and sex	1988		1993		1998		2003		2008		2013		2018	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All fields ^a	33,496	100.0	39,505	100.0	42,475	100.0	40,762	100.0	48,765	100.0	52,691	100.0	55,166	100.0
Male	21,677	64.7	24,384	61.7	24,628	58.0	22,256	54.6	26,271	53.9	28,326	53.8	29,798	54.0
Female	11,819	35.3	15,121	38.3	17,847	42.0	18,506	45.4	22,494	46.1	24,365	46.2	25,368	46.0
Life sciences ^b	6,222	100.0	7,416	100.0	8,590	100.0	8,506	100.0	11,082	100.0	12,204	100.0	12,773	100.0
Male	3,935	63.2	4,312	58.1	4,682	54.5	4,398	51.7	5,223	47.1	5,492	45.0	5,659	44.3
Female	2,287	36.8	3,104	41.9	3,908	45.5	4,108	48.3	5,859	52.9	6,712	55.0	7,114	55.7
Physical sciences and earth sciences	3,986	100.0	4,354	100.0	4,544	100.0	3,971	100.0	4,945	100.0	5,581	100.0	6,332	100.0
Male	3,300	82.8	3,432	78.8	3,429	75.5	2,866	72.2	3,505	70.9	3,717	66.6	4,214	66.6
Female	686	17.2	922	21.2	1,115	24.5	1,105	27.8	1,440	29.1	1,864	33.4	2,118	33.4
Mathematics and computer sciences	1,264	100.0	2,004	100.0	2,094	100.0	1,859	100.0	3,186	100.0	3,660	100.0	4,026	100.0
Male	1,087	86.0	1,602	79.9	1,638	78.2	1,419	76.3	2,353	73.9	2,792	76.3	3,043	75.6
Female	177	14.0	402	20.1	456	21.8	440	23.7	833	26.1	868	23.7	983	24.4
Psychology and social sciences	6,016	100.0	6,825	100.0	7,359	100.0	7,098	100.0	7,635	100.0	8,578	100.0	8,897	100.0
Male	3,288	54.7	3,421	50.1	3,350	45.5	3,145	44.3	3,171	41.5	3,501	40.8	3,641	40.9
Female	2,728	45.3	3,404	49.9	4,009	54.5	3,953	55.7	4,464	58.5	5,077	59.2	5,256	59.1
Engineering	4,186	100.0	5,619	100.0	5,884	100.0	5,279	100.0	7,860	100.0	8,998	100.0	10,179	100.0
Male	3,900	93.2	5,097	90.7	5,111	86.9	4,368	82.7	6,167	78.5	6,946	77.2	7,726	75.9
Female	286	6.8	522	9.3	773	13.1	911	17.3	1,693	21.5	2,052	22.8	2,453	24.1
Education	6,361	100.0	6,669	100.0	6,552	100.0	6,651	100.0	6,560	100.0	4,934	100.0	4,833	100.0
Male	2,847	44.8	2,748	41.2	2,421	37.0	2,256	33.9	2,158	32.9	1,570	31.8	1,496	31.0
Female	3,514	55.2	3,921	58.8	4,131	63.0	4,395	66.1	4,402	67.1	3,364	68.2	3,337	69.0
Humanities and arts	3,570	100.0	4,385	100.0	5,343	100.0	5,272	100.0	4,736	100.0	5,714	100.0	5,142	100.0
Male	2,080	58.3	2,398	54.7	2,794	52.3	2,663	50.5	2,308	48.7	2,829	49.5	2,567	49.9
Female	1,490	41.7	1,987	45.3	2,549	47.7	2,609	49.5	2,428	51.3	2,885	50.5	2,575	50.1
Other ^c	1,891	100.0	2,233	100.0	2,109	100.0	2,126	100.0	2,761	100.0	3,022	100.0	2,984	100.0
Male	1,240	65.6	1,374	61.5	1,203	57.0	1,141	53.7	1,386	50.2	1,479	48.9	1,452	48.7
Female	651	34.4	859	38.5	906	43.0	985	46.3	1,375	49.8	1,543	51.1	1,532	51.3

^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.