

**Table 14. Doctorate recipients, by broad field of study and sex: Selected years, 1986–2016**

Field of study and sex	1986		1991		1996		2001		2006		2011		2016	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All fields <sup>a</sup>	31,897	100.0	37,394	100.0	42,244	100.0	40,667	100.0	45,579	100.0	48,889	100.0	54,894	100.0
Male	20,592	64.6	23,521	62.9	25,288	59.9	22,780	56.0	25,020	54.9	26,189	53.6	29,616	54.0
Female	11,305	35.4	13,873	37.1	16,956	40.1	17,887	44.0	20,559	45.1	22,700	46.4	25,278	46.0
Life sciences <sup>b</sup>	5,767	100.0	6,943	100.0	8,304	100.0	8,343	100.0	9,696	100.0	11,532	100.0	12,566	100.0
Male	3,812	66.1	4,242	61.1	4,688	56.5	4,417	52.9	4,690	48.4	5,243	45.5	5,643	44.9
Female	1,955	33.9	2,701	38.9	3,616	43.5	3,926	47.1	5,006	51.6	6,289	54.5	6,923	55.1
Physical sciences and earth sciences	3,644	100.0	4,390	100.0	4,516	100.0	4,018	100.0	4,681	100.0	5,269	100.0	6,249	100.0
Male	3,047	83.6	3,545	80.8	3,525	78.1	2,992	74.5	3,321	70.9	3,629	68.9	4,286	68.6
Female	597	16.4	845	19.2	991	21.9	1,026	25.5	1,360	29.1	1,640	31.1	1,963	31.4
Mathematics and computer sciences	1,128	100.0	1,830	100.0	2,026	100.0	1,838	100.0	2,778	100.0	3,269	100.0	3,957	100.0
Male	959	85.0	1,514	82.7	1,656	81.7	1,407	76.6	2,074	74.7	2,456	75.1	2,998	75.8
Female	169	15.0	316	17.3	370	18.3	431	23.4	704	25.3	813	24.9	959	24.2
Psychology and social sciences	6,150	100.0	6,455	100.0	7,148	100.0	7,141	100.0	7,226	100.0	8,220	100.0	9,078	100.0
Male	3,504	57.0	3,247	50.3	3,452	48.3	3,234	45.3	3,072	42.5	3,332	40.5	3,749	41.3
Female	2,646	43.0	3,208	49.7	3,696	51.7	3,907	54.7	4,154	57.5	4,888	59.5	5,329	58.7
Engineering	3,375	100.0	5,169	100.0	6,268	100.0	5,502	100.0	7,181	100.0	8,024	100.0	9,469	100.0
Male	3,150	93.3	4,702	91.0	5,491	87.6	4,572	83.1	5,729	79.8	6,242	77.8	7,277	76.9
Female	225	6.7	467	9.0	777	12.4	930	16.9	1,452	20.2	1,782	22.2	2,192	23.1
Education	6,649	100.0	6,444	100.0	6,766	100.0	6,351	100.0	6,115	100.0	4,666	100.0	5,153	100.0
Male	3,036	45.7	2,696	41.8	2,579	38.1	2,251	35.4	2,130	34.8	1,432	30.7	1,550	30.1
Female	3,613	54.3	3,748	58.2	4,187	61.9	4,100	64.6	3,985	65.2	3,234	69.3	3,603	69.9
Humanities and arts	3,443	100.0	4,044	100.0	4,965	100.0	5,422	100.0	5,327	100.0	5,226	100.0	5,482	100.0
Male	1,980	57.5	2,249	55.6	2,561	51.6	2,775	51.2	2,680	50.3	2,572	49.2	2,639	48.1
Female	1,463	42.5	1,795	44.4	2,404	48.4	2,647	48.8	2,647	49.7	2,654	50.8	2,843	51.9
Other <sup>c</sup>	1,741	100.0	2,119	100.0	2,251	100.0	2,052	100.0	2,575	100.0	2,683	100.0	2,940	100.0
Male	1,104	63.4	1,326	62.6	1,336	59.4	1,132	55.2	1,324	51.4	1,283	47.8	1,474	50.1
Female	637	36.6	793	37.4	915	40.6	920	44.8	1,251	48.6	1,400	52.2	1,466	49.9

<sup>a</sup> Excludes respondents who did not report sex: 136 in 1991, 193 in 1996, 77 in 2001, 41 in 2006, 22 in 2011, and 10 in 2016.

<sup>b</sup> Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.

<sup>c</sup> Non-science and engineering fields not shown separately.

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