

Table 14**Doctorate recipients, by broad field of study and sex: Selected years, 1990–2020**

(Number and percent)

Field and sex	1990		1995		2000		2005		2010		2015		2020	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All fields ^a	36,064	100.0	41,576	100.0	41,296	100.0	43,319	100.0	48,012	100.0	54,879	100.0	55,278	100.0
Male	22,960	63.7	25,160	60.5	23,165	56.1	23,737	54.8	25,524	53.2	29,532	53.8	29,886	54.1
Female	13,104	36.3	16,416	39.5	18,131	43.9	19,582	45.2	22,488	46.8	25,347	46.2	25,392	45.9
Life sciences ^b	6,655	100.0	7,956	100.0	8,611	100.0	9,296	100.0	11,314	100.0	12,492	100.0	12,560	100.0
Male	4,163	62.6	4,598	57.8	4,568	53.0	4,561	49.1	5,101	45.1	5,563	44.5	5,553	44.2
Female	2,492	37.4	3,358	42.2	4,043	47.0	4,735	50.9	6,213	54.9	6,929	55.5	7,007	55.8
Physical sciences and earth sciences	4,212	100.0	4,519	100.0	4,063	100.0	4,357	100.0	4,994	100.0	5,915	100.0	6,245	100.0
Male	3,421	81.2	3,499	77.4	3,041	74.8	3,141	72.1	3,379	67.7	3,928	66.4	4,177	66.9
Female	791	18.8	1,020	22.6	1,022	25.2	1,216	27.9	1,615	32.3	1,987	33.6	2,068	33.1
Mathematics and computer sciences	1,597	100.0	2,178	100.0	1,907	100.0	2,329	100.0	3,223	100.0	3,816	100.0	4,392	100.0
Male	1,329	83.2	1,727	79.3	1,507	79.0	1,782	76.5	2,409	74.7	2,877	75.4	3,297	75.1
Female	268	16.8	451	20.7	400	21.0	547	23.5	814	25.3	939	24.6	1,095	24.9
Psychology and social sciences	6,331	100.0	6,906	100.0	7,443	100.0	7,144	100.0	7,881	100.0	9,072	100.0	8,946	100.0
Male	3,378	53.4	3,380	48.9	3,370	45.3	3,159	44.2	3,357	42.6	3,757	41.4	3,588	40.1
Female	2,953	46.6	3,526	51.1	4,073	54.7	3,985	55.8	4,524	57.4	5,315	58.6	5,358	59.9
Engineering	4,894	100.0	5,966	100.0	5,297	100.0	6,408	100.0	7,575	100.0	9,875	100.0	10,475	100.0
Male	4,479	91.5	5,270	88.3	4,459	84.2	5,226	81.6	5,829	77.0	7,578	76.7	7,882	75.2
Female	415	8.5	696	11.7	838	15.8	1,182	18.4	1,746	23.0	2,297	23.3	2,593	24.8
Education	6,509	100.0	6,638	100.0	6,439	100.0	6,217	100.0	5,285	100.0	5,097	100.0	4,715	100.0
Male	2,758	42.4	2,546	38.4	2,260	35.1	2,065	33.2	1,661	31.4	1,605	31.5	1,456	30.9
Female	3,751	57.6	4,092	61.6	4,179	64.9	4,152	66.8	3,624	68.6	3,492	68.5	3,259	69.1
Humanities and arts	3,854	100.0	5,034	100.0	5,458	100.0	5,181	100.0	5,014	100.0	5,593	100.0	4,939	100.0
Male	2,188	56.8	2,695	53.5	2,786	51.0	2,600	50.2	2,462	49.1	2,763	49.4	2,516	50.9
Female	1,666	43.2	2,339	46.5	2,672	49.0	2,581	49.8	2,552	50.9	2,830	50.6	2,423	49.1
Other ^c	2,012	100.0	2,379	100.0	2,078	100.0	2,387	100.0	2,726	100.0	3,019	100.0	3,006	100.0
Male	1,244	61.8	1,445	60.7	1,174	56.5	1,203	50.4	1,326	48.6	1,461	48.4	1,417	47.1
Female	768	38.2	934	39.3	904	43.5	1,184	49.6	1,400	51.4	1,558	51.6	1,589	52.9

^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.