

TABLE 7-2

## Doctoral degrees awarded to women, by field: 2006–16

(Number)

Field	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Percent	
												2006	2016
All fields	27,607	30,551	31,115	31,225	28,397	29,513	30,859	32,148	33,831	34,660	35,026	49.0	50.2
S&E	12,129	13,159	13,578	13,689	13,411	14,013	14,523	15,237	16,195	16,264	15,876	39.8	40.7
Science	10,645	11,474	11,830	11,977	11,596	12,115	12,517	13,060	13,884	13,838	13,447	46.2	46.9
Agricultural sciences	425	438	445	506	455	491	540	570	593	665	628	41.0	46.8
Biological sciences	3,013	3,284	3,707	3,894	4,007	3,987	4,152	4,167	4,375	4,179	4,136	49.1	52.6
Computer sciences	307	328	373	351	336	311	361	351	403	439	389	21.7	20.1
Earth, atmospheric, and ocean sciences	218	286	244	288	289	267	319	365	374	359	373	36.3	40.9
Atmospheric sciences	33	33	21	33	34	36	49	58	41	55	51	34.7	35.9
Earth sciences	148	195	174	195	204	186	215	232	261	249	252	34.4	39.9
Ocean sciences	37	58	49	60	51	45	55	75	72	55	70	49.3	50.4
Mathematics and statistics	384	406	423	476	476	454	471	531	539	503	528	29.6	28.5
Physical sciences	1,169	1,282	1,234	1,385	1,371	1,418	1,444	1,516	1,574	1,647	1,571	29.3	30.9
Astronomy	40	43	39	54	61	57	57	63	62	52	59	35.1	34.9
Chemistry	893	964	901	1,024	994	1,047	1,028	1,102	1,150	1,206	1,134	35.7	37.8
Physics	234	265	280	293	305	302	350	335	331	367	354	17.4	19.3
Other	2	10	14	14	11	12	9	16	31	22	24	6.9	32.4
Psychology	3,248	3,414	3,311	2,912	2,537	2,863	2,808	3,118	3,361	3,343	3,293	72.4	72.8
Social sciences	1,881	2,036	2,093	2,165	2,125	2,324	2,422	2,442	2,665	2,703	2,529	46.0	48.8
Anthropology	272	320	301	315	314	358	374	389	378	353	343	56.7	58.0
Area and ethnic studies	122	131	143	138	131	141	161	142	187	184	174	55.5	57.6
Economics	324	358	408	419	380	406	421	436	415	466	450	30.7	34.7
History of science	17	14	17	7	14	8	7	18	18	16	19	50.0	61.3
Linguistics	131	130	120	152	115	142	133	140	146	149	158	60.6	61.0
Political science and public administration	456	516	520	546	588	598	652	699	780	766	745	41.5	49.1
Sociology	368	362	360	380	378	419	402	367	435	441	377	64.1	57.3
Other	191	205	224	208	205	252	272	251	306	328	263	46.2	49.6
Engineering	1,484	1,685	1,748	1,712	1,815	1,898	2,006	2,177	2,311	2,426	2,429	20.0	23.5
Aerospace engineering	25	30	24	33	40	30	40	49	53	47	49	12.0	14.8
Chemical engineering	244	233	249	237	269	280	293	298	328	361	363	26.8	30.7
Civil engineering	197	250	232	214	246	239	241	298	314	371	314	22.8	26.9
Electrical engineering	298	376	388	338	382	387	424	364	413	390	418	14.0	16.0
Industrial engineering	82	104	97	86	72	100	104	113	122	121	113	27.2	30.1
Materials engineering	155	169	156	172	166	156	172	202	197	217	216	25.4	25.7
Mechanical engineering	151	147	160	160	125	162	194	212	217	223	241	13.3	15.7
Other	332	376	442	472	515	544	538	641	667	696	715	26.7	31.0
Non-S&E	15,478	17,392	17,537	17,536	14,986	15,500	16,336	16,911	17,636	18,396	19,150	59.9	62.2

S&amp;E = science and engineering.

**Note(s)**

Data in this table differ from doctoral degree data in this report that are based on the National Center for Science and Engineering Statistics' Survey of Earned Doctorates (SED). SED data are for research doctorates only. The greatest differences are in psychology, education, and medical and other health sciences. Before 2008, the National Center for Education Statistics (NCES) used two doctoral degree categories: doctor's and first-professional. In 2008 and 2009, NCES allowed optional reporting in three new doctoral degree categories: doctor's—research or scholarship, doctor's—professional practice, and doctor's—other. In 2010, NCES required institutions to use only the three new doctoral degree categories. With the new reporting system, degrees formerly classified as first-professional (e.g., MDs and JDs) can be reported as doctoral degrees, most often as doctor's—professional practice. In this table, data for 2008 and 2009 include only doctorates reported under the old doctor's degree category plus those reported as doctor's—research or scholarship. Data for 2010 and later include only doctorates reported as doctor's—research or scholarship. Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data that were based on accredited higher education institutions.

**Source(s)**

TABLE 7-2

Doctoral degrees awarded to women, by field: 2006–16

(Number)

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, unrevised provisional release data.