

TABLE 7-1

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

(Number)

Field	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
All fields	56,309	60,887	61,716	61,730	57,405	59,847	62,181	64,887	67,591	69,115	69,836
S&E	30,452	32,588	33,359	33,284	32,649	34,205	35,359	36,928	38,939	39,178	39,053
Science	23,050	24,522	25,249	25,369	24,837	25,727	26,486	27,439	28,804	28,772	28,695
Agricultural sciences	1,037	1,068	1,080	1,143	982	1,053	1,144	1,218	1,228	1,381	1,343
Biological sciences	6,138	6,703	7,319	7,429	7,571	7,596	7,817	7,825	8,207	7,890	7,858
Computer sciences	1,416	1,597	1,696	1,574	1,561	1,562	1,690	1,809	1,935	1,951	1,936
Earth, atmospheric, and ocean sciences	600	727	683	724	713	687	737	794	861	827	912
Atmospheric sciences	95	87	106	110	100	120	125	137	126	146	142
Earth sciences	430	513	469	503	496	467	497	530	606	575	631
Ocean sciences	75	127	108	111	117	100	115	127	129	106	139
Mathematics and statistics	1,297	1,356	1,362	1,536	1,594	1,590	1,670	1,824	1,864	1,802	1,855
Physical sciences	3,986	4,209	4,205	4,416	4,326	4,560	4,589	4,703	4,947	4,971	5,078
Astronomy	114	128	163	143	160	166	170	174	179	153	169
Chemistry	2,502	2,606	2,495	2,652	2,564	2,685	2,630	2,730	2,921	2,906	3,002
Physics	1,341	1,442	1,507	1,580	1,570	1,670	1,752	1,740	1,768	1,840	1,833
Other	29	33	40	41	32	39	37	59	79	72	74
Psychology	4,484	4,696	4,600	4,046	3,606	3,952	3,867	4,280	4,574	4,533	4,526
Social sciences	4,092	4,166	4,304	4,501	4,484	4,727	4,972	4,986	5,188	5,417	5,187
Anthropology	480	519	491	527	534	596	585	595	606	577	591
Area and ethnic studies	220	226	246	226	237	257	274	272	316	309	302
Economics	1,057	1,107	1,172	1,172	1,120	1,152	1,271	1,227	1,212	1,283	1,298
History of science	34	27	34	19	31	27	24	29	41	31	31
Linguistics	216	219	215	240	203	235	249	237	240	266	259
Political science and public administration	1,098	1,093	1,104	1,244	1,312	1,314	1,402	1,507	1,537	1,622	1,518
Sociology	574	573	594	635	612	671	635	626	692	733	658
Other	413	402	448	438	435	475	532	493	544	596	530
Engineering	7,402	8,066	8,110	7,915	7,812	8,478	8,873	9,489	10,135	10,406	10,358
Aerospace engineering	209	234	232	257	228	237	275	310	336	310	332
Chemical engineering	911	915	950	886	929	951	969	1,001	1,169	1,197	1,181
Civil engineering	864	935	909	902	851	894	922	1,036	1,154	1,230	1,166
Electrical engineering	2,124	2,380	2,279	2,090	2,169	2,352	2,475	2,469	2,642	2,651	2,620
Industrial engineering	302	364	346	333	290	319	348	389	400	354	375
Materials engineering	611	663	665	661	653	651	715	757	734	810	842
Mechanical engineering	1,139	1,138	1,149	1,186	1,022	1,172	1,277	1,384	1,454	1,586	1,534
Other	1,242	1,437	1,580	1,600	1,670	1,902	1,892	2,143	2,246	2,268	2,308
Non-S&E	25,857	28,299	28,357	28,446	24,756	25,642	26,822	27,959	28,652	29,937	30,783

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)**

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.