

TABLE 7-3

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

(Number)

Field	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Percent	
												2006	2016
All fields	28,702	30,336	30,601	30,505	29,008	30,334	31,322	32,739	33,760	34,455	34,810	50.4	49.8
S&E	18,323	19,429	19,781	19,595	19,238	20,192	20,836	21,691	22,744	22,914	23,177	58.9	59.3
Science	12,405	13,048	13,419	13,392	13,241	13,612	13,969	14,379	14,920	14,934	15,248	52.7	53.1
Agricultural sciences	612	630	635	637	527	562	604	648	635	716	715	52.8	53.2
Biological sciences	3,125	3,419	3,612	3,535	3,564	3,609	3,665	3,658	3,832	3,711	3,722	46.9	47.4
Computer sciences	1,109	1,269	1,323	1,223	1,225	1,251	1,329	1,458	1,532	1,512	1,547	78.6	79.9
Earth, atmospheric, and ocean sciences	382	441	439	436	424	420	418	429	487	468	539	56.7	59.1
Atmospheric sciences	62	54	85	77	66	84	76	79	85	91	91	60.8	64.1
Earth sciences	282	318	295	308	292	281	282	298	345	326	379	56.7	60.1
Ocean sciences	38	69	59	51	66	55	60	52	57	51	69	52.2	49.6
Mathematics and statistics	913	950	939	1,060	1,118	1,136	1,199	1,293	1,325	1,299	1,327	71.8	71.5
Physical sciences	2,817	2,927	2,971	3,031	2,955	3,142	3,145	3,187	3,373	3,324	3,507	68.5	69.1
Astronomy	74	85	124	89	99	109	113	111	117	101	110	66.5	65.1
Chemistry	1,609	1,642	1,594	1,628	1,570	1,638	1,602	1,628	1,771	1,700	1,868	60.9	62.2
Physics	1,107	1,177	1,227	1,287	1,265	1,368	1,402	1,405	1,437	1,473	1,479	80.0	80.7
Other	27	23	26	27	21	27	28	43	48	50	50	75.7	67.6
Psychology	1,236	1,282	1,289	1,134	1,069	1,089	1,059	1,162	1,213	1,190	1,233	27.4	27.2
Social sciences	2,211	2,130	2,211	2,336	2,359	2,403	2,550	2,544	2,523	2,714	2,658	51.3	51.2
Anthropology	208	199	190	212	220	238	211	206	228	224	248	36.1	42.0
Area and ethnic studies	98	95	103	88	106	116	113	130	129	125	128	41.2	42.4
Economics	733	749	764	753	740	746	850	791	797	817	848	66.9	65.3
History of science	17	13	17	12	17	19	17	11	23	15	12	70.8	38.7
Linguistics	85	89	95	88	88	93	116	97	94	117	101	46.6	39.0
Political science and public administration	642	577	584	698	724	716	750	808	757	856	773	53.5	50.9
Sociology	206	211	234	255	234	252	233	259	257	292	281	36.7	42.7
Other	222	197	224	230	230	223	260	242	238	268	267	48.9	50.4
Engineering	5,918	6,381	6,362	6,203	5,997	6,580	6,867	7,312	7,824	7,980	7,929	77.4	76.5
Aerospace engineering	184	204	208	224	188	207	235	261	283	263	283	85.5	85.2
Chemical engineering	667	682	701	649	660	671	676	703	841	836	818	69.8	69.3
Civil engineering	667	685	677	688	605	655	681	738	840	859	852	73.9	73.1
Electrical engineering	1,826	2,004	1,891	1,752	1,787	1,965	2,051	2,105	2,229	2,261	2,202	82.9	84.0
Industrial engineering	220	260	249	247	218	219	244	276	278	233	262	70.1	69.9
Materials engineering	456	494	509	489	487	495	543	555	537	593	626	75.9	74.3
Mechanical engineering	988	991	989	1,026	897	1,010	1,083	1,172	1,237	1,363	1,293	84.8	84.3
Other	910	1,061	1,138	1,128	1,155	1,358	1,354	1,502	1,579	1,572	1,593	71.6	69.0
Non-S&E	10,379	10,907	10,820	10,910	9,770	10,142	10,486	11,048	11,016	11,541	11,633	39.1	37.8

S&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)

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Doctoral degrees awarded to men, 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.