

Table 6-1

## Master's degrees awarded, by sex and field: 2008–18

(Number)

Sex and field	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Both sexes											
All fields	631,711	665,473	698,528	736,455	759,538	756,975	759,796	763,980	791,237	810,108	825,621
S&E	126,404	134,517	139,926	150,653	161,372	166,397	171,228	180,955	198,292	206,172	208,427
Science	93,227	98,007	102,312	109,371	118,197	123,009	125,866	131,748	143,126	149,201	152,445
Agricultural sciences	4,120	4,349	4,684	5,148	5,843	5,757	5,916	5,792	6,043	6,119	6,444
Biological sciences	9,565	9,921	10,668	11,214	12,313	13,048	13,731	14,370	15,370	16,253	17,222
Computer sciences	17,151	17,988	18,021	19,519	21,015	22,833	24,635	31,552	40,211	46,615	46,548
Earth, atmospheric, and ocean sciences	1,552	1,579	1,677	1,789	2,049	2,080	2,197	2,212	2,133	2,182	2,059
Atmospheric sciences	199	225	227	221	240	233	263	253	220	236	238
Earth sciences	1,222	1,224	1,301	1,429	1,656	1,705	1,782	1,812	1,760	1,780	1,668
Ocean sciences	131	130	149	139	153	142	152	147	153	166	153
Mathematics and statistics	5,152	5,459	5,958	6,203	6,684	7,346	7,784	8,269	9,390	10,294	12,153
Physical sciences	4,374	4,101	4,323	4,473	4,709	4,809	4,645	4,744	4,736	4,757	4,924
Astronomy	166	139	149	185	127	170	160	156	140	169	145
Chemistry	2,236	2,131	2,175	2,324	2,493	2,478	2,431	2,491	2,513	2,557	2,459
Physics	1,799	1,657	1,810	1,771	1,879	1,984	1,876	1,934	1,959	1,852	2,156
Other	173	174	189	193	210	177	178	163	124	179	164
Psychology	18,836	20,744	21,032	22,363	24,121	25,140	25,332	24,029	25,041	24,653	25,128
Social sciences	32,477	33,866	35,949	38,662	41,463	41,996	41,626	40,780	40,202	38,328	37,967
Anthropology	1,145	1,248	1,233	1,243	1,279	1,195	1,316	1,258	1,204	1,163	1,227
Area and ethnic studies	1,722	1,672	1,700	1,880	1,857	1,874	1,791	1,858	1,840	1,723	1,635
Economics	3,576	3,651	3,732	4,173	4,331	4,287	4,541	4,432	4,378	4,535	4,442
History of science	47	33	25	44	37	33	28	26	35	32	30
Linguistics	610	720	679	711	789	782	728	779	778	687	678
Political science and public administration	19,933	20,575	22,083	24,128	26,091	26,762	26,321	25,786	25,501	23,381	23,098
Sociology	1,571	1,601	1,453	1,640	1,810	1,652	1,661	1,481	1,419	1,442	1,470
Other	3,873	4,366	5,044	4,843	5,269	5,411	5,240	5,160	5,047	5,365	5,387
Engineering	33,177	36,510	37,614	41,282	43,175	43,388	45,362	49,207	55,166	56,971	55,982
Aerospace engineering	1,036	1,075	1,098	1,306	1,408	1,266	1,311	1,318	1,438	1,580	1,620
Chemical engineering	1,230	1,285	1,430	1,741	1,911	1,932	2,092	2,278	2,306	2,441	2,542
Civil engineering	4,327	4,570	4,962	5,915	6,405	6,486	6,691	6,573	6,921	6,993	7,252
Electrical engineering	11,232	12,698	12,105	12,545	12,642	12,473	13,112	15,763	18,733	17,978	16,199
Industrial engineering	3,659	4,313	4,866	5,083	5,346	5,327	5,605	5,631	6,630	7,759	7,720
Materials engineering	768	836	815	894	990	1,099	1,170	1,164	1,308	1,371	1,447
Mechanical engineering	4,556	4,689	4,890	5,938	5,977	5,991	6,285	6,954	7,665	8,386	8,270
Other	6,369	7,044	7,448	7,860	8,496	8,814	9,096	9,526	10,165	10,463	10,932
Non-S&E	505,307	530,956	558,602	585,802	598,166	590,578	588,568	583,025	592,945	603,936	617,194
Female											
All fields	382,740	401,995	421,358	443,154	455,736	453,745	455,240	455,697	468,924	481,457	497,013
S&E	57,594	61,028	63,660	68,202	73,513	76,351	78,771	81,673	87,850	89,846	93,132
Science	49,957	52,789	55,258	58,863	63,614	66,054	67,783	69,391	74,061	75,728	78,699
Agricultural sciences	2,248	2,318	2,447	2,749	3,153	3,173	3,294	3,228	3,440	3,459	3,724
Biological sciences	5,611	5,775	6,183	6,432	7,078	7,423	7,818	8,326	8,860	9,545	10,358
Computer sciences	4,596	4,869	4,963	5,508	5,843	6,263	7,088	9,607	12,372	14,394	15,096
Earth, atmospheric, and ocean sciences	705	731	789	795	875	902	916	955	923	945	878
Atmospheric sciences	73	91	94	86	93	91	111	90	76	104	91
Earth sciences	559	566	615	632	696	744	719	781	764	745	701
Ocean sciences	73	74	80	77	86	67	86	84	83	96	86

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## Master's degrees awarded, by sex and field: 2008–18

(Number)

Sex and field	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Mathematics and statistics	2,207	2,246	2,376	2,517	2711	2,927	3,244	3,380	3,908	4,490	5,230
Physical sciences	1,565	1,514	1,621	1,657	1689	1,698	1,716	1,678	1,694	1,726	1,755
Astronomy	62	57	55	70	50	76	66	62	57	70	50
Chemistry	1,035	997	1,055	1,081	1132	1,130	1,122	1,109	1,145	1,137	1,116
Physics	378	371	410	404	409	401	439	436	433	441	495
Other	90	89	101	102	98	91	89	71	59	78	94
Psychology	14,916	16,362	16,646	17,644	19,076	19,852	20,005	18,926	19,856	19,473	20,007
Social sciences	18,109	18,974	20,233	21,561	23,189	23,816	23,702	23,291	23,008	21,696	21,651
Anthropology	766	838	839	849	860	819	900	847	786	798	870
Area and ethnic studies	1,060	1,050	1,021	1,134	1,129	1,150	1,137	1,149	1,136	1,079	1,029
Economics	1,384	1,506	1,492	1,728	1,735	1,773	1,852	1,799	1,804	1,896	1,841
History of science	23	16	9	14	18	14	19	15	18	16	15
Linguistics	398	503	477	482	508	492	441	524	499	427	448
Political science and public administration	11,239	11,596	12,533	13,548	14,912	15,406	15,206	14,936	14,817	13,197	13,140
Sociology	1,059	1,065	977	1,073	1,177	1,107	1,124	986	901	948	943
Other	2,180	2,400	2,885	2,733	2,850	3,055	3,023	3,035	3,047	3,335	3,365
Engineering	7,637	8,239	8,402	9,339	9,899	10,297	10,988	12,282	13,789	14,118	14,433
Aerospace engineering	172	169	157	196	191	190	207	178	240	244	269
Chemical engineering	353	398	435	506	595	613	617	675	698	784	815
Civil engineering	1,236	1,356	1,409	1,649	1,854	1,983	1,996	1,966	2,127	2,088	2,282
Electrical engineering	2,350	2,500	2,410	2,481	2,514	2,481	2,844	3,745	4,546	4,373	4,034
Industrial engineering	925	1,066	1,181	1,345	1,439	1,401	1,511	1,561	1,687	1,852	2,057
Materials engineering	219	242	225	244	321	335	348	346	387	426	414
Mechanical engineering	660	699	693	788	751	831	960	1,075	1,127	1,211	1,145
Other	1,722	1,809	1,892	2,130	2,234	2,463	2,505	2,736	2,977	3,140	3,417
Non-S&E	325,146	340,967	357,698	374,952	382,223	377,394	376,469	374,024	381,074	391,611	403,881
<b>Male</b>											
All fields	248,971	263,478	277,170	293,301	303,802	303,230	304,556	308,283	322,313	328,651	328,608
S&E	68,810	73,489	76,266	82,451	87,859	90,046	92,457	99,282	110,442	116,326	115,295
Science	43,270	45,218	47,054	50,508	54,583	56,955	58,083	62,357	69,065	73,473	73,746
Agricultural sciences	1,872	2,031	2,237	2,399	2,690	2,584	2,622	2,564	2,603	2,660	2,720
Biological sciences	3,954	4,146	4,485	4,782	5,235	5,625	5,913	6,044	6,510	6,708	6,864
Computer sciences	12,555	13,119	13,058	14,011	15,172	16,570	17,547	21,945	27,839	32,221	31,452
Earth, atmospheric, and ocean sciences	847	848	888	994	1,174	1,178	1,281	1,257	1,210	1,237	1,181
Atmospheric sciences	126	134	133	135	147	142	152	163	144	132	147
Earth sciences	663	658	686	797	960	961	1,063	1,031	996	1,035	967
Ocean sciences	58	56	69	62	67	75	66	63	70	70	67
Mathematics and statistics	2,945	3,213	3,582	3,686	3,973	4,419	4,540	4,889	5,482	5,804	6,923
Physical sciences	2,809	2,587	2,702	2,816	3,020	3,111	2,929	3,066	3,042	3,031	3,169
Astronomy	104	82	94	115	77	94	94	94	83	99	95
Chemistry	1,201	1,134	1,120	1,243	1,361	1,348	1,309	1,382	1,368	1,420	1,343
Physics	1,421	1,286	1,400	1,367	1,470	1,583	1,437	1,498	1,526	1,411	1,661
Other	83	85	88	91	112	86	89	92	65	101	70
Psychology	3,920	4,382	4,386	4,719	5,045	5,288	5,327	5,103	5,185	5,180	5,121
Social sciences	14,368	14,892	15,716	17,101	18,274	18,180	17,924	17,489	17,194	16,632	16,316
Anthropology	379	410	394	394	419	376	416	411	418	365	357
Area and ethnic studies	662	622	679	746	728	724	654	709	704	644	606

**Table 6-1****Master's degrees awarded, by sex and field: 2008–18**

(Number)

Sex and field	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Economics	2,192	2,145	2,240	2,445	2,596	2,514	2,689	2,633	2,574	2,639	2,601
History of science	24	17	16	30	19	19	9	11	17	16	15
Linguistics	212	217	202	229	281	290	287	255	279	260	230
Political science and public administration	8,694	8,979	9,550	10,580	11,179	11,356	11,115	10,850	10,684	10,184	9,958
Sociology	512	536	476	567	633	545	537	495	518	494	527
Other	1,693	1,966	2,159	2,110	2,419	2,356	2,217	2,125	2,000	2,030	2,022
Engineering	25,540	28,271	29,212	31,943	33,276	33,091	34,374	36,925	41,377	42,853	41,549
Aerospace engineering	864	906	941	1,110	1,217	1,076	1,104	1,140	1,198	1,336	1,351
Chemical engineering	877	887	995	1,235	1,316	1,319	1,475	1,603	1,608	1,657	1,727
Civil engineering	3,091	3,214	3,553	4,266	4,551	4,503	4,695	4,607	4,794	4,905	4,970
Electrical engineering	8,882	10,198	9,695	10,064	10,128	9,992	10,268	12,018	14,187	13,605	12,165
Industrial engineering	2,734	3,247	3,685	3,738	3,907	3,926	4,094	4,070	4,943	5,907	5,663
Materials engineering	549	594	590	650	669	764	822	818	921	945	1,033
Mechanical engineering	3,896	3,990	4,197	5,150	5,226	5,160	5,325	5,879	6,538	7,175	7,125
Other	4,647	5,235	5,556	5,730	6,262	6,351	6,591	6,790	7,188	7,323	7,515
Non-S&E	180,161	189,989	200,904	210,850	215,943	213,184	212,099	209,001	211,871	212,325	213,313

S&amp;E = science and engineering.

**Note(s):**

Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs.

**Source(s):**

Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, unrevised provisional release data, accessed 14 January 2020.