

TABLE S2-8

Master's degrees awarded, by sex and field: 2000–17

(Number)

Sex and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Both sexes																		
All fields	460,142	471,329	485,535	516,098	562,862	578,964	599,365	610,469	631,711	665,473	698,528	736,455	759,538	756,975	759,796	763,980	791,237	810,108
S&E	96,230	99,528	99,650	108,355	119,296	120,870	120,999	120,278	126,404	134,517	139,926	150,653	161,372	166,397	171,228	180,955	198,292	206,172
Engineering	25,738	26,436	26,180	29,472	33,922	33,899	32,263	30,936	33,177	36,510	37,614	41,282	43,175	43,388	45,362	49,207	55,166	56,971
Aerospace	560	611	682	702	870	935	936	912	1,036	1,075	1,098	1,306	1,408	1,266	1,311	1,318	1,438	1,580
Chemical	1,352	1,368	1,267	1,364	1,506	1,506	1,432	1,230	1,230	1,285	1,430	1,741	1,911	1,932	2,092	2,278	2,306	2,441
Civil	4,140	4,010	3,945	4,188	4,445	4,631	4,493	4,184	4,327	4,570	4,962	5,915	6,405	6,486	6,691	6,573	6,921	6,993
Electrical	8,341	8,596	8,246	10,038	12,220	11,613	10,456	10,093	11,232	12,698	12,105	12,545	12,642	12,473	13,112	15,763	18,733	17,978
Industrial	3,048	3,375	3,375	3,842	4,247	3,937	3,558	3,505	3,659	4,313	4,866	5,083	5,346	5,327	5,605	5,631	6,630	7,759
Materials	759	706	624	717	800	790	765	787	768	836	815	894	990	1,099	1,170	1,164	1,308	1,371
Mechanical	3,378	3,471	3,516	3,802	4,555	4,739	4,542	4,365	4,556	4,689	4,890	5,938	5,977	5,991	6,285	6,954	7,665	8,386
Other	4,160	4,299	4,525	4,819	5,279	5,748	6,081	5,860	6,369	7,044	7,448	7,860	8,496	8,814	9,096	9,526	10,165	10,463
Science	70,492	73,092	73,470	78,883	85,374	86,971	88,736	89,342	93,227	98,007	102,312	109,371	118,197	123,009	125,866	131,748	143,126	149,201
Natural sciences	33,326	35,471	35,780	39,300	41,970	41,078	40,808	40,144	41,914	43,397	45,331	48,346	52,613	55,873	58,908	66,939	77,883	86,220
Agricultural sciences	3,858	3,752	4,019	3,955	4,221	4,171	4,100	4,126	4,120	4,349	4,684	5,148	5,843	5,757	5,916	5,792	6,043	6,119
Biological sciences	6,329	6,487	6,341	6,883	7,644	8,120	8,718	8,794	9,565	9,921	10,668	11,214	12,313	13,048	13,731	14,370	15,370	16,253
Earth, atmospheric, and ocean sciences	1,345	1,363	1,406	1,491	1,570	1,637	1,684	1,632	1,552	1,579	1,677	1,789	2,049	2,080	2,197	2,212	2,133	2,182
Atmospheric sciences	156	140	141	167	179	212	206	193	199	225	227	221	240	233	263	253	220	236
Earth sciences	1,104	1,121	1,151	1,203	1,248	1,314	1,350	1,312	1,222	1,224	1,301	1,429	1,656	1,705	1,782	1,812	1,760	1,780
Oceanography	85	102	114	121	143	111	128	127	131	130	149	139	153	142	152	147	153	166
Mathematics and computer sciences	18,281	20,132	20,389	23,311	24,505	23,086	22,028	21,349	22,303	23,447	23,979	25,722	27,699	30,179	32,419	39,821	49,601	56,909
Computer sciences	14,986	16,852	16,965	19,590	20,208	18,489	17,138	16,314	17,151	17,988	18,021	19,519	21,015	22,833	24,635	31,552	40,211	46,615
Mathematics and statistics	3,295	3,280	3,424	3,721	4,297	4,597	4,890	5,035	5,152	5,459	5,958	6,203	6,684	7,346	7,784	8,269	9,390	10,294
Physical sciences	3,513	3,737	3,625	3,660	4,030	4,064	4,278	4,243	4,374	4,101	4,323	4,473	4,709	4,809	4,645	4,744	4,736	4,757
Astronomy	102	93	112	123	150	159	146	152	166	139	149	185	127	170	160	156	140	169
Chemistry	1,909	2,009	1,867	1,830	2,056	1,912	2,097	2,144	2,236	2,131	2,175	2,324	2,493	2,478	2,431	2,491	2,513	2,557
Physics	1,244	1,376	1,353	1,453	1,637	1,794	1,853	1,792	1,799	1,657	1,810	1,771	1,879	1,984	1,876	1,934	1,959	1,852
Other physical sciences	258	259	293	254	187	199	182	155	173	174	189	193	210	177	178	163	124	179
Social and behavioral sciences	37,166	37,621	37,690	39,583	43,404	45,893	47,928	49,198	51,313	54,610	56,981	61,025	65,584	67,136	66,958	64,809	65,243	62,981
Psychology	13,806	14,449	14,204	14,885	15,700	16,478	17,302	18,594	18,836	20,744	21,032	22,363	24,121	25,140	25,332	24,029	25,041	24,653
Social sciences	23,360	23,172	23,486	24,698	27,704	29,415	30,626	30,604	32,477	33,866	35,949	38,662	41,463	41,996	41,626	40,780	40,202	38,328
Anthropology	950	1,092	1,017	1,043	1,098	1,107	1,156	1,214	1,145	1,248	1,233	1,243	1,279	1,195	1,316	1,258	1,204	1,163
Area and ethnic studies	1,511	1,511	1,473	1,427	1,616	1,662	2,017	1,641	1,722	1,672	1,700	1,880	1,857	1,874	1,791	1,858	1,840	1,723
Economics	2,515	2,492	2,651	2,951	3,201	3,504	3,330	3,351	3,576	3,651	3,732	4,173	4,331	4,287	4,541	4,432	4,378	4,535
History of science	24	26	35	25	25	29	41	28	47	33	25	44	37	33	28	26	35	32
Linguistics	553	552	520	525	574	611	621	583	610	720	679	711	789	782	728	779	778	687

TABLE S2-8

Master's degrees awarded, by sex and field: 2000–17

(Number)

Sex and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Political science and public administration	13,038	12,937	13,200	14,135	15,780	17,421	18,073	18,525	19,933	20,575	22,083	24,128	26,091	26,762	26,321	25,786	25,501	23,381
Sociology	2,036	1,901	1,957	1,929	2,031	1,518	1,577	1,575	1,571	1,601	1,453	1,640	1,810	1,652	1,661	1,481	1,419	1,442
Other social sciences	2,733	2,661	2,633	2,663	3,379	3,563	3,811	3,687	3,873	4,366	5,044	4,843	5,269	5,411	5,240	5,160	5,047	5,365
Non-S&E	363,912	371,801	385,885	407,743	443,566	458,094	478,366	490,191	505,307	530,956	558,602	585,802	598,166	590,578	588,568	583,025	592,945	603,936
Male																		
All fields	192,821	195,277	200,199	212,513	230,786	234,829	239,418	239,892	248,971	263,478	277,170	293,301	303,802	303,230	304,556	308,283	322,313	328,651
S&E	54,560	55,884	55,939	61,183	67,215	67,244	66,249	65,353	68,810	73,489	76,266	82,451	87,859	90,046	92,457	99,282	110,442	116,326
Engineering	20,396	20,819	20,617	23,301	26,774	26,287	24,784	23,957	25,540	28,271	29,212	31,943	33,276	33,091	34,374	36,925	41,377	42,853
Aerospace	484	521	557	596	721	771	781	742	864	906	941	1,110	1,217	1,076	1,104	1,140	1,198	1,336
Chemical	1,008	1,016	932	1,021	1,089	1,081	1,046	854	877	887	995	1,235	1,316	1,319	1,475	1,603	1,608	1,657
Civil	3,065	2,951	2,883	3,041	3,234	3,309	3,147	2,969	3,091	3,214	3,553	4,266	4,551	4,503	4,695	4,607	4,794	4,905
Electrical	6,781	6,921	6,685	8,136	9,822	9,133	8,243	8,079	8,882	10,198	9,695	10,064	10,128	9,992	10,268	12,018	14,187	13,605
Industrial	2,400	2,591	2,583	2,999	3,341	3,018	2,640	2,628	2,734	3,247	3,685	3,738	3,907	3,926	4,094	4,070	4,943	5,907
Materials	558	534	456	536	601	586	565	578	549	594	590	650	669	764	822	818	921	945
Mechanical	2,923	3,023	3,048	3,343	3,992	4,140	3,909	3,782	3,896	3,990	4,197	5,150	5,226	5,160	5,325	5,879	6,538	7,175
Other	3,177	3,262	3,473	3,629	3,974	4,249	4,453	4,325	4,647	5,235	5,556	5,730	6,262	6,351	6,591	6,790	7,188	7,323
Science	34,164	35,065	35,322	37,882	40,441	40,957	41,465	41,396	43,270	45,218	47,054	50,508	54,583	56,955	58,083	62,357	69,065	73,473
Natural sciences	19,765	20,934	21,097	23,356	24,768	24,417	24,457	23,946	24,982	25,944	26,952	28,688	31,264	33,487	34,832	39,765	46,686	51,661
Agricultural sciences	2,039	1,915	2,022	1,896	1,965	1,951	1,947	1,859	1,872	2,031	2,237	2,399	2,690	2,584	2,622	2,564	2,603	2,660
Biological sciences	2,816	2,732	2,668	2,864	3,160	3,233	3,612	3,541	3,954	4,146	4,485	4,782	5,235	5,625	5,913	6,044	6,510	6,708
Earth, atmospheric, and ocean sciences	832	799	834	879	869	927	923	891	847	848	888	994	1,174	1,178	1,281	1,257	1,210	1,237
Atmospheric sciences	119	100	95	112	112	143	135	124	126	134	133	135	147	142	152	163	144	132
Earth sciences	670	649	678	702	682	737	738	713	663	658	686	797	960	961	1,063	1,031	996	1,035
Oceanography	43	50	61	65	75	47	50	54	58	56	69	62	67	75	66	63	70	70
Mathematics and computer sciences	11,780	13,052	13,274	15,375	16,257	15,766	15,323	14,975	15,500	16,332	16,640	17,697	19,145	20,989	22,087	26,834	33,321	38,025
Computer sciences	9,983	11,161	11,325	13,335	13,910	13,180	12,520	12,038	12,555	13,119	13,058	14,011	15,172	16,570	17,547	21,945	27,839	32,221
Mathematics and statistics	1,797	1,891	1,949	2,040	2,347	2,586	2,803	2,937	2,945	3,213	3,582	3,686	3,973	4,419	4,540	4,889	5,482	5,804
Physical sciences	2,298	2,436	2,299	2,342	2,517	2,540	2,652	2,680	2,809	2,587	2,702	2,816	3,020	3,111	2,929	3,066	3,042	3,031
Astronomy	77	57	85	81	97	97	80	93	104	82	94	115	77	94	94	94	83	99
Chemistry	1,086	1,184	1,015	1,001	1,106	973	1,073	1,139	1,201	1,134	1,120	1,243	1,361	1,348	1,309	1,382	1,368	1,420
Physics	1,000	1,090	1,067	1,140	1,224	1,372	1,414	1,375	1,421	1,286	1,400	1,367	1,470	1,583	1,437	1,498	1,526	1,411
Other physical sciences	135	105	132	120	90	98	85	73	83	85	88	91	112	86	89	92	65	101
Social and behavioral sciences	14,399	14,131	14,225	14,526	15,673	16,540	17,008	17,450	18,288	19,274	20,102	21,820	23,319	23,468	23,251	22,592	22,379	21,812
Psychology	3,443	3,510	3,426	3,478	3,465	3,560	3,665	3,915	3,920	4,382	4,386	4,719	5,045	5,288	5,327	5,103	5,185	5,180
Social sciences	10,956	10,621	10,799	11,048	12,208	12,980	13,343	13,535	14,368	14,892	15,716	17,101	18,274	18,180	17,924	17,489	17,194	16,632
Anthropology	363	403	375	388	377	370	395	375	379	410	394	394	419	376	416	411	418	365

TABLE S2-8

Master's degrees awarded, by sex and field: 2000–17

(Number)

Sex and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Area and ethnic studies	643	619	608	554	656	687	794	644	662	622	679	746	728	724	654	709	704	644
Economics	1,563	1,519	1,601	1,790	1,949	2,113	2,011	2,045	2,192	2,145	2,240	2,445	2,596	2,514	2,689	2,633	2,574	2,639
History of science	18	16	18	15	11	17	30	10	24	17	16	30	19	19	9	11	17	16
Linguistics	146	172	160	145	164	178	171	175	212	217	202	229	281	290	287	255	279	260
Political science and public administration	6,317	6,094	6,213	6,399	6,947	7,614	7,850	8,209	8,694	8,979	9,550	10,580	11,179	11,356	11,115	10,850	10,684	10,184
Sociology	649	643	642	633	673	485	467	485	512	536	476	567	633	545	537	495	518	494
Other social sciences	1,257	1,155	1,182	1,124	1,431	1,516	1,625	1,592	1,693	1,966	2,159	2,110	2,419	2,356	2,217	2,125	2,000	2,030
Non-S&E	138,261	139,393	144,260	151,330	163,571	167,585	173,169	174,539	180,161	189,989	200,904	210,850	215,943	213,184	212,099	209,001	211,871	212,325
Female																		
All fields	267,321	276,052	285,336	303,585	332,076	344,135	359,947	370,577	382,740	401,995	421,358	443,154	455,736	453,745	455,240	455,697	468,924	481,457
S&E	41,670	43,644	43,711	47,172	52,081	53,626	54,750	54,925	57,594	61,028	63,660	68,202	73,513	76,351	78,771	81,673	87,850	89,846
Engineering	5,342	5,617	5,563	6,171	7,148	7,612	7,479	6,979	7,637	8,239	8,402	9,339	9,899	10,297	10,988	12,282	13,789	14,118
Aerospace	76	90	125	106	149	164	155	170	172	169	157	196	191	190	207	178	240	244
Chemical	344	352	335	343	417	425	386	376	353	398	435	506	595	613	617	675	698	784
Civil	1,075	1,059	1,062	1,147	1,211	1,322	1,346	1,215	1,236	1,356	1,409	1,649	1,854	1,983	1,996	1,966	2,127	2,088
Electrical	1,560	1,675	1,561	1,902	2,398	2,480	2,213	2,014	2,350	2,500	2,410	2,481	2,514	2,481	2,844	3,745	4,546	4,373
Industrial	648	784	792	843	906	919	918	877	925	1,066	1,181	1,345	1,439	1,401	1,511	1,561	1,687	1,852
Materials	201	172	168	181	199	204	200	209	219	242	225	244	321	335	348	346	387	426
Mechanical	455	448	468	459	563	599	633	583	660	699	693	788	751	831	960	1,075	1,127	1,211
Other	983	1,037	1,052	1,190	1,305	1,499	1,628	1,535	1,722	1,809	1,892	2,130	2,234	2,463	2,505	2,736	2,977	3,140
Science	36,328	38,027	38,148	41,001	44,933	46,014	47,271	47,946	49,957	52,789	55,258	58,863	63,614	66,054	67,783	69,391	74,061	75,728
Natural sciences	13,561	14,537	14,683	15,944	17,202	16,661	16,351	16,198	16,932	17,453	18,379	19,658	21,349	22,386	24,076	27,174	31,197	34,559
Agricultural sciences	1,819	1,837	1,997	2,059	2,256	2,220	2,153	2,267	2,248	2,318	2,447	2,749	3,153	3,173	3,294	3,228	3,440	3,459
Biological sciences	3,513	3,755	3,673	4,019	4,484	4,887	5,106	5,253	5,611	5,775	6,183	6,432	7,078	7,423	7,818	8,326	8,860	9,545
Earth, atmospheric, and ocean sciences	513	564	572	612	701	710	761	741	705	731	789	795	875	902	916	955	923	945
Atmospheric sciences	37	40	46	55	67	69	71	69	73	91	94	86	93	91	111	90	76	104
Earth sciences	434	472	473	501	566	577	612	599	559	566	615	632	696	744	719	781	764	745
Oceanography	42	52	53	56	68	64	78	73	73	74	80	77	86	67	86	84	83	96
Mathematics and computer sciences	6,501	7,080	7,115	7,936	8,248	7,320	6,705	6,374	6,803	7,115	7,339	8,025	8,554	9,190	10,332	12,987	16,280	18,884
Computer sciences	5,003	5,691	5,640	6,255	6,298	5,309	4,618	4,276	4,596	4,869	4,963	5,508	5,843	6,263	7,088	9,607	12,372	14,394
Mathematics and statistics	1,498	1,389	1,475	1,681	1,950	2,011	2,087	2,098	2,207	2,246	2,376	2,517	2,711	2,927	3,244	3,380	3,908	4,490
Physical sciences	1,215	1,301	1,326	1,318	1,513	1,524	1,626	1,563	1,565	1,514	1,621	1,657	1,689	1,698	1,716	1,678	1,694	1,726
Astronomy	25	36	27	42	53	62	66	59	62	57	55	70	50	76	66	62	57	70
Chemistry	823	825	852	829	950	939	1,024	1,005	1,035	997	1,055	1,081	1,132	1,130	1,122	1,109	1,145	1,137
Physics	244	286	286	313	413	422	439	417	378	371	410	404	409	401	439	436	433	441
Other physical sciences	123	154	161	134	97	101	97	82	90	89	101	102	98	91	89	71	59	78

TABLE S2-8

Master's degrees awarded, by sex and field: 2000–17

(Number)

Sex and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Social and behavioral sciences	22,767	23,490	23,465	25,057	27,731	29,353	30,920	31,748	33,025	35,336	36,879	39,205	42,265	43,668	43,707	42,217	42,864	41,169
Psychology	10,363	10,939	10,778	11,407	12,235	12,918	13,637	14,679	14,916	16,362	16,646	17,644	19,076	19,852	20,005	18,926	19,856	19,473
Social sciences	12,404	12,551	12,687	13,650	15,496	16,435	17,283	17,069	18,109	18,974	20,233	21,561	23,189	23,816	23,702	23,291	23,008	21,696
Anthropology	587	689	642	655	721	737	761	839	766	838	839	849	860	819	900	847	786	798
Area and ethnic studies	868	892	865	873	960	975	1,223	997	1,060	1,050	1,021	1,134	1,129	1,150	1,137	1,149	1,136	1,079
Economics	952	973	1,050	1,161	1,252	1,391	1,319	1,306	1,384	1,506	1,492	1,728	1,735	1,773	1,852	1,799	1,804	1,896
History of science	6	10	17	10	14	12	11	18	23	16	9	14	18	14	19	15	18	16
Linguistics	407	380	360	380	410	433	450	408	398	503	477	482	508	492	441	524	499	427
Political science and public administration	6,721	6,843	6,987	7,736	8,833	9,807	10,223	10,316	11,239	11,596	12,533	13,548	14,912	15,406	15,206	14,936	14,817	13,197
Sociology	1,387	1,258	1,315	1,296	1,358	1,033	1,110	1,090	1,059	1,065	977	1,073	1,177	1,107	1,124	986	901	948
Other social sciences	1,476	1,506	1,451	1,539	1,948	2,047	2,186	2,095	2,180	2,400	2,885	2,733	2,850	3,055	3,023	3,035	3,047	3,335
Non-S&E	225,651	232,408	241,625	256,413	279,995	290,509	305,197	315,652	325,146	340,967	357,698	374,952	382,223	377,394	376,469	374,024	381,074	391,611

Note(s)

Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data from *Science and Engineering Indicators 2008* and earlier years that were based on accredited higher education institutions.

Source(s)

National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Completions Survey; National Center for Science and Engineering Statistics, National Science Foundation, Integrated Data System (IDS).

Science and Engineering Indicators