

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
All citizenships, races, and ethnicities																		
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 S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	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
U.S. citizen or permanent resident																		
All fields	404,158	409,897	421,846	444,498	487,965	505,724	527,585	542,133	558,844	585,823	617,074	650,538	670,311	662,486	655,968	646,832	655,251	664,628
S&E	71,415	72,085	72,074	75,952	83,835	87,402	90,157	91,595	94,318	98,503	103,552	111,438	120,430	123,136	123,884	122,231	124,355	124,686
Engineering	15,914	15,434	15,380	16,125	18,282	19,034	18,972	19,276	19,749	20,940	21,685	23,895	25,591	25,469	25,471	24,747	24,742	24,958
Aerospace	339	360	395	417	579	645	683	731	798	839	833	974	1,079	979	991	983	1,040	1,147
Chemical	721	726	662	656	704	739	734	691	609	626	720	830	916	875	949	1,015	984	1,088
Civil	3,048	2,777	2,591	2,684	2,782	3,080	3,070	2,968	3,054	3,233	3,527	4,296	4,657	4,658	4,583	4,077	4,035	3,771
Electrical	4,232	3,924	4,004	4,362	5,303	5,214	4,970	5,068	5,211	5,545	5,089	5,155	5,089	4,937	4,838	4,656	4,601	4,617
Industrial	1,872	1,966	1,945	2,077	2,271	2,178	2,102	2,165	2,077	2,264	2,715	2,839	3,114	3,129	3,188	2,896	2,946	2,961
Materials	483	406	380	378	417	451	431	456	432	452	460	488	536	578	575	559	657	645
Mechanical	2,212	2,221	2,213	2,214	2,630	2,827	2,818	2,841	2,981	2,895	3,133	3,728	3,830	3,802	3,825	3,950	3,797	3,939
Other	3,007	3,054	3,190	3,337	3,596	3,900	4,164	4,356	4,587	5,086	5,208	5,585	6,370	6,511	6,522	6,611	6,682	6,790
Science	55,501	56,651	56,694	59,827	65,553	68,368	71,185	72,319	74,569	77,563	81,867	87,543	94,839	97,667	98,413	97,484	99,613	99,728
Natural sciences	22,990	23,725	24,102	25,722	27,903	28,378	28,828	28,599	28,967	28,982	30,893	32,941	35,861	37,862	39,137	40,387	42,401	44,992
Agricultural sciences	3,342	3,281	3,540	3,440	3,575	3,575	3,539	3,587	3,556	3,773	4,102	4,514	5,161	5,018	5,114	4,999	5,163	5,198
Biological sciences	5,579	5,614	5,536	5,882	6,530	6,910	7,430	7,468	8,100	8,211	8,878	9,313	10,265	11,003	11,586	12,043	13,061	13,772
Earth, atmospheric, and ocean sciences	1,150	1,191	1,207	1,285	1,312	1,390	1,431	1,416	1,348	1,345	1,436	1,563	1,733	1,763	1,854	1,864	1,780	1,800
Atmospheric sciences	118	116	113	128	135	166	161	158	173	203	184	200	201	201	219	204	176	183
Earth sciences	962	987	1,001	1,046	1,058	1,132	1,162	1,156	1,061	1,039	1,126	1,242	1,396	1,434	1,502	1,530	1,471	1,474
Oceanography	70	88	93	111	119	92	108	102	114	103	126	121	136	128	133	130	133	143
Mathematics and computer sciences	10,546	11,141	11,382	12,632	13,824	13,795	13,573	13,293	13,014	12,886	13,546	14,551	15,611	16,845	17,501	18,376	19,266	21,092
Computer sciences	8,362	9,091	9,252	10,423	11,312	10,975	10,489	10,027	9,746	9,641	10,066	10,786	11,650	12,725	13,409	14,199	14,900	16,542
Mathematics and statistics	2,184	2,050	2,130	2,209	2,512	2,820	3,084	3,266	3,268	3,245	3,480	3,765	3,961	4,120	4,092	4,177	4,366	4,550
Physical sciences	2,373	2,498	2,437	2,483	2,662	2,708	2,855	2,835	2,949	2,767	2,931	3,000	3,091	3,233	3,082	3,105	3,131	3,130
Astronomy	80	65	77	94	102	122	117	114	128	114	117	134	104	137	119	122	115	132
Chemistry	1,310	1,388	1,261	1,297	1,384	1,289	1,396	1,432	1,524	1,436	1,465	1,532	1,627	1,604	1,555	1,615	1,656	1,705
Physics	761	808	829	851	1,010	1,121	1,175	1,148	1,138	1,064	1,184	1,159	1,191	1,357	1,267	1,244	1,272	1,158
Other physical sciences	222	237	270	241	166	176	167	141	159	153	165	175	169	135	141	124	88	135
Social and behavioral sciences	32,511	32,926	32,592	34,105	37,650	39,990	42,357	43,720	45,602	48,581	50,974	54,602	58,978	59,805	59,276	57,097	57,212	54,736
Psychology	13,336	13,981	13,719	14,201	15,081	15,827	16,672	17,931	18,182	20,115	20,348	21,649	23,337	24,212	24,491	23,209	24,054	23,717
Social sciences	19,175	18,945	18,873	19,904	22,569	24,163	25,685	25,789	27,420	28,466	30,626	32,953	35,641	35,593	34,785	33,888	33,158	31,019
Anthropology	864	1,004	918	960	993	1,034	1,064	1,109	1,053	1,136	1,127	1,158	1,184	1,089	1,215	1,149	1,105	1,049

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Area and ethnic studies	1,282	1,283	1,249	1,201	1,363	1,426	1,756	1,439	1,469	1,423	1,435	1,619	1,604	1,582	1,480	1,564	1,515	1,423
Economics	1,209	1,172	1,191	1,337	1,493	1,774	1,778	1,827	1,954	1,992	2,067	2,325	2,459	2,194	2,188	2,093	2,064	2,038
History of science	22	21	33	18	22	23	32	26	39	28	22	39	32	26	21	22	32	30
Linguistics	380	394	351	353	398	422	450	404	442	547	505	536	597	594	549	537	564	472
Political science and public administration	11,114	10,954	11,053	11,913	13,415	14,926	15,735	16,235	17,477	17,950	19,550	21,338	23,310	23,655	23,044	22,509	22,086	19,965
Sociology	1,845	1,744	1,766	1,744	1,832	1,349	1,409	1,411	1,432	1,440	1,300	1,476	1,638	1,481	1,492	1,318	1,242	1,287
Other social sciences	2,459	2,373	2,312	2,378	3,053	3,209	3,461	3,338	3,554	3,950	4,620	4,462	4,817	4,972	4,796	4,696	4,550	4,755
Non-S&E	332,743	337,812	349,772	368,546	404,130	418,322	437,428	450,538	464,526	487,320	513,522	539,100	549,881	539,350	532,084	524,601	530,896	539,942
Hispanic or Latino ^a																		
All fields	20,911	22,450	23,356	25,517	29,905	32,435	34,081	36,456	37,354	40,395	43,037	46,594	50,398	52,804	56,007	58,619	63,063	67,353
S&E	3,762	4,113	4,106	4,384	5,111	5,380	5,681	6,041	6,216	6,634	7,379	8,411	9,449	10,161	10,893	11,392	12,330	13,092
Engineering	852	835	853	862	1,130	1,145	1,094	1,220	1,243	1,317	1,447	1,709	1,985	2,075	2,209	2,290	2,214	2,426
Aerospace	13	11	19	13	21	38	26	38	32	34	45	61	68	81	78	88	74	113
Chemical	39	40	45	39	40	41	49	43	42	46	37	53	58	62	65	96	79	94
Civil	180	167	187	152	163	208	185	199	208	217	268	318	405	425	467	445	445	452
Electrical	211	172	179	238	340	274	281	294	294	290	269	373	363	334	380	391	389	420
Industrial	172	191	205	162	229	239	212	238	256	283	318	327	406	394	445	397	378	423
Materials	15	21	15	6	16	26	17	21	22	16	24	34	35	51	45	44	35	58
Mechanical	99	93	87	116	157	151	153	171	160	183	201	222	277	295	305	334	349	390
Other	123	140	116	136	164	168	171	216	229	248	285	321	373	433	424	495	465	476
Science	2,910	3,278	3,253	3,522	3,981	4,235	4,587	4,821	4,973	5,317	5,932	6,702	7,464	8,086	8,684	9,102	10,116	10,666
Natural sciences	935	1,124	1,050	1,252	1,392	1,362	1,459	1,451	1,490	1,528	1,777	1,975	2,259	2,422	2,667	2,920	3,363	3,647
Agricultural sciences	133	123	175	132	171	185	196	176	157	206	227	264	302	295	305	314	383	382
Biological sciences	268	310	267	268	330	362	373	418	466	461	519	581	677	754	872	916	1,165	1,341
Earth, atmospheric, and ocean sciences	30	28	35	28	36	47	51	42	57	41	53	81	83	80	97	104	113	118
Atmospheric sciences	2	0	1	2	2	3	2	5	11	6	2	9	9	8	15	12	8	7
Earth sciences	26	25	31	24	32	43	47	33	43	32	44	66	72	68	77	86	93	105
Oceanography	2	3	3	2	2	1	2	4	3	3	7	6	2	4	5	6	12	6
Mathematics and computer sciences	408	544	437	680	728	628	671	670	654	655	817	875	1,043	1,106	1,196	1,354	1,459	1,554
Computer sciences	308	472	355	572	615	498	506	491	473	497	651	659	810	815	921	1,056	1,160	1,231
Mathematics and statistics	100	72	82	108	113	130	165	179	181	158	166	216	233	291	275	298	299	323
Physical sciences	96	119	136	144	127	140	168	145	156	165	161	174	154	187	197	232	243	252
Astronomy	2	1	2	2	3	2	6	3	6	4	3	6	4	5	5	5	10	7
Chemistry	56	74	72	90	70	84	107	79	90	89	96	107	82	99	116	123	135	149
Physics	34	37	56	41	44	49	54	60	53	67	56	54	65	77	71	100	92	89
Other physical sciences	4	7	6	11	10	5	1	3	7	5	6	7	3	6	5	4	6	7

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Social and behavioral sciences	1,975	2,154	2,203	2,270	2,589	2,873	3,128	3,370	3,483	3,789	4,155	4,727	5,205	5,664	6,017	6,182	6,753	7,019
Psychology	842	946	962	974	1,102	1,222	1,331	1,466	1,543	1,670	1,812	2,051	2,147	2,547	2,566	2,664	3,063	3,157
Social sciences	1,133	1,208	1,241	1,296	1,487	1,651	1,797	1,904	1,940	2,119	2,343	2,676	3,058	3,117	3,451	3,518	3,690	3,862
Anthropology	37	45	59	48	58	62	60	67	59	83	80	89	81	108	85	98	101	110
Area and ethnic studies	97	111	109	119	116	132	174	144	184	164	188	187	225	215	250	248	358	268
Economics	67	53	57	79	80	111	100	86	81	92	90	152	161	160	146	164	173	178
History of science	0	1	0	1	0	0	0	1	1	1	1	1	3	2	1	2	1	0
Linguistics	18	27	19	23	26	26	42	37	33	43	31	42	58	56	59	50	59	55
Political science and public administration	702	736	743	802	909	1,026	1,070	1,248	1,252	1,343	1,541	1,706	1,965	2,019	2,308	2,305	2,356	2,473
Sociology	110	116	140	117	139	111	126	112	105	140	112	166	201	177	209	192	197	197
Other social sciences	102	119	114	107	159	183	225	209	225	253	300	333	364	380	393	459	445	581
Non-S&E	17,149	18,337	19,250	21,133	24,794	27,055	28,400	30,415	31,138	33,761	35,658	38,183	40,949	42,643	45,114	47,227	50,733	54,261
Not Hispanic or Latino																		
All fields	383,247	387,447	398,490	418,981	458,060	473,289	493,504	505,677	521,490	545,428	574,037	603,944	619,913	609,682	599,961	588,213	592,188	597,275
S&E	67,653	67,972	67,968	71,568	78,724	82,022	84,476	85,554	88,102	91,869	96,173	103,027	110,981	112,975	112,991	110,839	112,025	111,594
Engineering	15,062	14,599	14,527	15,263	17,152	17,889	17,878	18,056	18,506	19,623	20,238	22,186	23,606	23,394	23,262	22,457	22,528	22,532
Aerospace	326	349	376	404	558	607	657	693	766	805	788	913	1,011	898	913	895	966	1,034
Chemical	682	686	617	617	664	698	685	648	567	580	683	777	858	813	884	919	905	994
Civil	2,868	2,610	2,404	2,532	2,619	2,872	2,885	2,769	2,846	3,016	3,259	3,978	4,252	4,233	4,116	3,632	3,590	3,319
Electrical	4,021	3,752	3,825	4,124	4,963	4,940	4,689	4,774	4,917	5,255	4,820	4,782	4,726	4,603	4,458	4,265	4,212	4,197
Industrial	1,700	1,775	1,740	1,915	2,042	1,939	1,890	1,927	1,821	1,981	2,397	2,512	2,708	2,735	2,743	2,499	2,568	2,538
Materials	468	385	365	372	401	425	414	435	410	436	436	454	501	527	530	515	622	587
Mechanical	2,113	2,128	2,126	2,098	2,473	2,676	2,665	2,670	2,821	2,712	2,932	3,506	3,553	3,507	3,520	3,616	3,448	3,549
Other	2,884	2,914	3,074	3,201	3,432	3,732	3,993	4,140	4,358	4,838	4,923	5,264	5,997	6,078	6,098	6,116	6,217	6,314
Science	52,591	53,373	53,441	56,305	61,572	64,133	66,598	67,498	69,596	72,246	75,935	80,841	87,375	89,581	89,729	88,382	89,497	89,062
Natural sciences	22,055	22,601	23,052	24,470	26,511	27,016	27,369	27,148	27,477	27,454	29,116	30,966	33,602	35,440	36,470	37,467	39,038	41,345
Agricultural sciences	3,209	3,158	3,365	3,308	3,404	3,390	3,343	3,411	3,399	3,567	3,875	4,250	4,859	4,723	4,809	4,685	4,780	4,816
Biological sciences	5,311	5,304	5,269	5,614	6,200	6,548	7,057	7,050	7,634	7,750	8,359	8,732	9,588	10,249	10,714	11,127	11,896	12,431
Earth, atmospheric, and ocean sciences	1,120	1,163	1,172	1,257	1,276	1,343	1,380	1,374	1,291	1,304	1,383	1,482	1,650	1,683	1,757	1,760	1,667	1,682
Atmospheric sciences	116	116	112	126	133	163	159	153	162	197	182	191	192	193	204	192	168	176
Earth sciences	936	962	970	1,022	1,026	1,089	1,115	1,123	1,018	1,007	1,082	1,176	1,324	1,366	1,425	1,444	1,378	1,369
Oceanography	68	85	90	109	117	91	106	98	111	100	119	115	134	124	128	124	121	137
Mathematics and computer sciences	10,138	10,597	10,945	11,952	13,096	13,167	12,902	12,623	12,360	12,231	12,729	13,676	14,568	15,739	16,305	17,022	17,807	19,538
Computer sciences	8,054	8,619	8,897	9,851	10,697	10,477	9,983	9,536	9,273	9,144	9,415	10,127	10,840	11,910	12,488	13,143	13,740	15,311
Mathematics and statistics	2,084	1,978	2,048	2,101	2,399	2,690	2,919	3,087	3,087	3,087	3,314	3,549	3,728	3,829	3,817	3,879	4,067	4,227
Physical sciences	2,277	2,379	2,301	2,339	2,535	2,568	2,687	2,690	2,793	2,602	2,770	2,826	2,937	3,046	2,885	2,873	2,888	2,878

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Astronomy	78	64	75	92	99	120	111	111	122	110	114	128	100	132	114	117	105	125
Chemistry	1,254	1,314	1,189	1,207	1,314	1,205	1,289	1,353	1,434	1,347	1,369	1,425	1,545	1,505	1,439	1,492	1,521	1,556
Physics	727	771	773	810	966	1,072	1,121	1,088	1,085	997	1,128	1,105	1,126	1,280	1,196	1,144	1,180	1,069
Other physical sciences	218	230	264	230	156	171	166	138	152	148	159	168	166	129	136	120	82	128
Social and behavioral sciences	30,536	30,772	30,389	31,835	35,061	37,117	39,229	40,350	42,119	44,792	46,819	49,875	53,773	54,141	53,259	50,915	50,459	47,717
Psychology	12,494	13,035	12,757	13,227	13,979	14,605	15,341	16,465	16,639	18,445	18,536	19,598	21,190	21,665	21,925	20,545	20,991	20,560
Social sciences	18,042	17,737	17,632	18,608	21,082	22,512	23,888	23,885	25,480	26,347	28,283	30,277	32,583	32,476	31,334	30,370	29,468	27,157
Anthropology	827	959	859	912	935	972	1,004	1,042	994	1,053	1,047	1,069	1,103	981	1,130	1,051	1,004	939
Area and ethnic studies	1,185	1,172	1,140	1,082	1,247	1,294	1,582	1,295	1,285	1,259	1,247	1,432	1,379	1,367	1,230	1,316	1,157	1,155
Economics	1,142	1,119	1,134	1,258	1,413	1,663	1,678	1,741	1,873	1,900	1,977	2,173	2,298	2,034	2,042	1,929	1,891	1,860
History of science	22	20	33	17	22	23	32	25	38	27	21	38	29	24	20	20	31	30
Linguistics	362	367	332	330	372	396	408	367	409	504	474	494	539	538	490	487	505	417
Political science and public administration	10,412	10,218	10,310	11,111	12,506	13,900	14,665	14,987	16,225	16,607	18,009	19,632	21,345	21,636	20,736	20,204	19,730	17,492
Sociology	1,735	1,628	1,626	1,627	1,693	1,238	1,283	1,299	1,327	1,300	1,188	1,310	1,437	1,304	1,283	1,126	1,045	1,090
Other social sciences	2,357	2,254	2,198	2,271	2,894	3,026	3,236	3,129	3,329	3,697	4,320	4,129	4,453	4,592	4,403	4,237	4,105	4,174
Non-S&E	315,594	319,475	330,522	347,413	379,336	391,267	409,028	420,123	433,388	453,559	477,864	500,917	508,932	496,707	486,970	477,374	480,163	485,681
American Indian or Alaska Native																		
All fields	2,109	2,293	2,410	2,574	2,857	2,969	3,142	3,178	3,324	3,310	3,464	3,507	3,282	3,350	3,188	3,116	3,244	3,142
S&E	383	476	421	457	540	501	568	552	553	560	629	584	603	597	589	548	583	618
Engineering	64	60	56	69	85	82	87	73	86	89	87	78	92	79	55	59	80	77
Aerospace	0	2	4	2	6	2	8	5	1	7	9	3	1	6	3	3	2	3
Chemical	3	4	2	2	0	4	2	7	3	3	3	2	2	1	0	3	3	6
Civil	14	10	11	13	16	13	17	15	13	18	12	16	17	14	12	9	13	5
Electrical	14	10	13	18	10	20	17	5	28	18	22	10	15	11	6	8	16	14
Industrial	8	15	8	8	19	18	9	13	14	13	12	15	20	13	10	11	12	15
Materials	4	1	2	1	1	1	1	0	2	0	2	0	3	3	0	2	0	0
Mechanical	7	7	6	9	21	6	11	12	10	9	12	13	13	10	8	5	11	9
Other	14	11	10	16	12	18	22	16	15	21	15	19	21	21	16	18	23	25
Science	319	416	365	388	455	419	481	479	467	471	542	506	511	518	534	489	503	541
Natural sciences	108	147	119	126	136	134	168	141	162	137	160	161	173	160	146	158	144	166
Agricultural sciences	23	18	25	24	23	27	35	34	31	26	35	34	34	36	20	40	26	33
Biological sciences	26	29	34	31	33	29	46	32	55	38	52	40	48	39	49	43	24	43
Earth, atmospheric, and ocean sciences	9	11	4	9	7	11	4	9	7	10	8	13	17	15	4	6	12	7
Atmospheric sciences	0	0	0	0	0	1	0	1	0	0	0	2	0	2	0	0	0	1
Earth sciences	9	8	4	9	7	10	4	8	7	10	7	10	16	12	3	6	12	6
Oceanography	0	3	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mathematics and computer sciences	41	80	41	50	65	56	69	54	55	44	56	62	63	54	61	62	68	77
Computer sciences	32	71	33	42	58	47	58	40	44	36	45	48	52	45	56	53	59	72
Mathematics and statistics	9	9	8	8	7	9	11	14	11	8	11	14	11	9	5	9	9	5
Physical sciences	9	9	15	12	8	11	14	12	14	19	9	12	11	16	12	7	14	6
Astronomy	0	0	0	1	0	1	0	0	0	1	1	2	0	1	0	0	1	0
Chemistry	5	7	11	5	3	6	9	8	8	9	5	5	6	10	7	4	3	3
Physics	3	2	4	5	5	3	3	3	5	8	3	3	4	5	4	3	9	3
Other physical sciences	1	0	0	1	0	1	2	1	1	1	0	2	1	0	1	0	1	0
Social and behavioral sciences	211	269	246	262	319	285	313	338	305	334	382	345	338	358	388	331	359	375
Psychology	69	107	97	109	112	118	118	114	104	116	123	116	112	140	154	119	132	129
Social sciences	142	162	149	153	207	167	195	224	201	218	259	229	226	218	234	212	227	246
Anthropology	14	17	12	11	19	14	21	25	16	16	19	14	14	12	13	5	10	17
Area and ethnic studies	16	20	20	33	27	27	28	25	32	25	28	23	29	28	22	36	42	66
Economics	3	7	10	6	6	10	3	12	8	9	12	8	4	8	4	2	6	3
History of science	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
Linguistics	1	1	4	1	2	6	2	2	2	4	16	7	5	6	6	2	9	4
Political science and public administration	62	70	74	78	118	90	107	134	117	135	136	137	134	134	161	142	137	129
Sociology	30	28	17	17	17	7	10	9	12	8	11	8	15	7	6	7	4	7
Other social sciences	16	18	11	7	18	13	24	17	14	21	37	32	25	23	20	17	19	20
Non-S&E	1,726	1,817	1,989	2,117	2,317	2,468	2,574	2,626	2,771	2,750	2,835	2,923	2,679	2,753	2,599	2,568	2,661	2,524
Asian																		
All fields	na	na	na	na	na	na	na	na	na	na	na	37,473	39,001	38,950	38,800	39,188	40,628	42,815
S&E	na	na	na	na	na	na	na	na	na	na	na	10,347	10,539	10,992	10,785	10,976	11,643	12,837
Engineering	na	na	na	na	na	na	na	na	na	na	na	3,942	3,792	3,867	3,574	3,469	3,599	3,661
Aerospace	na	na	na	na	na	na	na	na	na	na	na	109	126	111	110	98	108	107
Chemical	na	na	na	na	na	na	na	na	na	na	na	153	164	153	171	174	207	195
Civil	na	na	na	na	na	na	na	na	na	na	na	481	511	501	478	406	425	371
Electrical	na	na	na	na	na	na	na	na	na	na	na	1,430	1,264	1,326	1,089	1,083	1,124	1,062
Industrial	na	na	na	na	na	na	na	na	na	na	na	362	330	376	325	290	272	309
Materials	na	na	na	na	na	na	na	na	na	na	na	73	67	102	98	94	99	108
Mechanical	na	na	na	na	na	na	na	na	na	na	na	466	428	433	432	475	471	505
Other	na	na	na	na	na	na	na	na	na	na	na	868	902	865	871	849	893	1,004
Science	na	na	na	na	na	na	na	na	na	na	na	6,405	6,747	7,125	7,211	7,507	8,044	9,176
Natural sciences	na	na	na	na	na	na	na	na	na	na	na	3,912	3,996	4,390	4,553	4,941	5,507	6,426
Agricultural sciences	na	na	na	na	na	na	na	na	na	na	na	199	218	184	185	166	161	184
Biological sciences	na	na	na	na	na	na	na	na	na	na	na	1,244	1,416	1,554	1,623	1,723	1,789	1,938

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Science	4,652	4,657	4,649	5,170	5,626	5,797	5,545	5,733	5,683	5,735	6,223	na	na	na	na	na	na	na
Natural sciences	3,199	3,164	3,165	3,530	3,760	3,748	3,406	3,526	3,396	3,365	3,675	na	na	na	na	na	na	na
Agricultural sciences	94	97	126	99	111	111	84	128	102	137	165	na	na	na	na	na	na	na
Biological sciences	595	540	537	646	762	795	820	883	977	1,037	1,245	na	na	na	na	na	na	na
Earth, atmospheric, and ocean sciences	22	28	37	28	39	31	30	25	38	24	45	na	na	na	na	na	na	na
Atmospheric sciences	4	5	7	4	5	4	5	5	5	3	3	na	na	na	na	na	na	na
Earth sciences	17	17	25	18	28	26	23	16	27	17	37	na	na	na	na	na	na	na
Oceanography	1	6	5	6	6	1	2	4	6	4	5	na	na	na	na	na	na	na
Mathematics and computer sciences	2,248	2,279	2,252	2,526	2,652	2,568	2,252	2,211	2,043	1,908	1,929	na	na	na	na	na	na	na
Computer sciences	2,068	2,074	2,038	2,305	2,377	2,244	1,856	1,754	1,627	1,477	1,470	na	na	na	na	na	na	na
Mathematics and statistics	180	205	214	221	275	324	396	457	416	431	459	na	na	na	na	na	na	na
Physical sciences	240	220	213	231	196	243	220	279	236	259	291	na	na	na	na	na	na	na
Astronomy	5	5	4	7	6	7	2	4	2	12	7	na	na	na	na	na	na	na
Chemistry	172	153	125	157	128	154	137	177	154	178	186	na	na	na	na	na	na	na
Physics	53	56	66	57	60	74	78	94	78	66	93	na	na	na	na	na	na	na
Other physical sciences	10	6	18	10	2	8	3	4	2	3	5	na	na	na	na	na	na	na
Social and behavioral sciences	1,453	1,493	1,484	1,640	1,866	2,049	2,139	2,207	2,287	2,370	2,548	na	na	na	na	na	na	na
Psychology	473	503	530	531	593	597	651	733	724	765	781	na	na	na	na	na	na	na
Social sciences	980	990	954	1,109	1,273	1,452	1,488	1,474	1,563	1,605	1,767	na	na	na	na	na	na	na
Anthropology	39	39	34	42	43	44	39	51	46	59	53	na	na	na	na	na	na	na
Area and ethnic studies	78	101	90	97	93	111	126	110	113	117	126	na	na	na	na	na	na	na
Economics	132	113	119	156	157	185	207	191	211	221	194	na	na	na	na	na	na	na
History of science	0	0	2	2	3	1	1	1	1	1	1	na	na	na	na	na	na	na
Linguistics	42	43	26	32	37	41	43	32	35	38	36	na	na	na	na	na	na	na
Political science and public administration	516	534	512	601	717	855	862	880	952	942	1,106	na	na	na	na	na	na	na
Sociology	66	70	86	95	106	78	71	62	67	67	56	na	na	na	na	na	na	na
Other social sciences	107	90	85	84	117	137	139	147	138	160	195	na	na	na	na	na	na	na
Non-S&E	14,688	15,253	16,295	17,015	18,884	20,487	21,631	22,968	23,765	25,422	27,348	na	na	na	na	na	na	na
Black or African American																		
All fields	33,589	35,426	36,936	40,090	45,183	49,109	52,844	55,624	57,473	61,713	66,817	71,393	75,931	79,618	80,576	79,680	81,382	82,908
S&E	5,563	6,174	6,230	6,919	7,511	7,764	8,011	8,371	8,908	9,339	10,292	10,961	12,063	13,112	13,280	13,239	13,334	13,160
Engineering	658	699	735	823	853	869	883	926	977	971	1,098	1,180	1,245	1,255	1,228	1,323	1,269	1,247
Aerospace	7	10	14	7	11	19	22	26	25	19	30	25	18	22	29	18	26	26
Chemical	34	34	31	43	31	56	37	39	46	31	46	42	48	66	50	62	52	52
Civil	93	102	101	96	76	100	88	106	118	106	137	152	169	177	161	148	178	160
Electrical	183	188	189	226	238	230	226	251	260	246	235	291	254	251	235	258	265	244

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Industrial	90	119	141	158	170	152	171	152	155	166	214	232	230	233	239	256	241	235
Materials	15	9	19	14	21	19	12	9	15	25	16	14	19	17	21	21	31	22
Mechanical	91	89	71	78	85	81	86	85	101	86	89	104	116	100	104	115	106	106
Other	145	148	169	201	221	212	241	258	257	292	331	320	391	389	389	445	370	402
Science	4,905	5,475	5,495	6,096	6,658	6,895	7,128	7,445	7,931	8,368	9,194	9,781	10,818	11,857	12,052	11,916	12,065	11,913
Natural sciences	1,179	1,382	1,374	1,606	1,678	1,602	1,691	1,753	1,878	1,826	2,052	2,322	2,652	3,108	3,140	3,337	3,492	3,816
Agricultural sciences	84	96	88	103	102	85	96	113	98	124	132	180	166	187	190	189	196	202
Biological sciences	223	313	288	298	385	377	406	438	500	474	512	599	673	752	785	847	932	1,074
Earth, atmospheric, and ocean sciences	7	21	18	18	22	17	30	23	29	26	18	29	38	45	39	45	30	36
Atmospheric sciences	0	4	2	2	3	3	7	3	4	6	4	4	4	6	6	4	3	4
Earth sciences	6	15	15	13	16	13	21	18	22	18	13	25	33	37	33	40	27	30
Oceanography	1	2	1	3	3	1	2	2	3	2	1	0	1	2	0	1	0	2
Mathematics and computer sciences	748	822	859	1,075	1,049	1,022	1,007	1,056	1,106	1,059	1,265	1,376	1,601	1,983	1,994	2,117	2,207	2,364
Computer sciences	650	709	746	977	934	887	853	898	950	919	1,111	1,212	1,420	1,776	1,801	1,913	1,998	2,152
Mathematics and statistics	98	113	113	98	115	135	154	158	156	140	154	164	181	207	193	204	209	212
Physical sciences	117	130	121	112	120	101	152	123	145	143	125	138	174	141	132	139	127	140
Astronomy	0	0	2	1	1	2	3	0	0	4	0	0	2	1	3	1	0	1
Chemistry	65	82	74	76	87	55	93	74	110	97	90	93	129	84	102	97	89	94
Physics	44	41	37	32	27	39	51	43	30	36	30	40	34	49	22	34	33	40
Other physical sciences	8	7	8	3	5	5	5	6	5	6	5	5	9	7	5	7	5	5
Social and behavioral sciences	3,726	4,093	4,121	4,490	4,980	5,293	5,437	5,692	6,053	6,542	7,142	7,459	8,166	8,749	8,912	8,579	8,573	8,097
Psychology	1,347	1,601	1,643	1,829	1,942	2,142	1,996	2,253	2,411	2,724	2,640	2,856	3,127	3,179	3,313	3,089	3,237	3,271
Social sciences	2,379	2,492	2,478	2,661	3,038	3,151	3,441	3,439	3,642	3,818	4,502	4,603	5,039	5,570	5,599	5,490	5,336	4,826
Anthropology	33	37	32	33	31	30	32	41	43	30	33	30	42	32	31	28	34	29
Area and ethnic studies	91	86	108	121	127	135	136	142	156	152	145	184	157	142	142	149	141	144
Economics	71	66	76	67	70	96	100	101	120	111	117	121	120	149	124	134	124	113
History of science	0	1	2	0	0	0	1	2	2	1	2	0	0	1	2	1	3	1
Linguistics	4	14	5	7	3	9	13	14	7	16	15	18	17	16	18	21	19	20
Political science and public administration	1,585	1,754	1,718	1,861	2,057	2,243	2,451	2,490	2,668	2,825	3,296	3,507	3,950	4,319	4,312	4,239	4,147	3,580
Sociology	344	294	285	274	301	205	201	190	201	202	205	198	203	220	250	197	159	180
Other social sciences	251	240	252	298	449	433	507	459	445	481	689	545	550	691	720	721	709	759
Non-S&E	28,026	29,252	30,706	33,171	37,672	41,345	44,833	47,253	48,565	52,374	56,525	60,432	63,868	66,506	67,296	66,441	68,048	69,748
Native Hawaiian or Other Pacific Islander																		
All fields	na	na	na	na	na	na	na	na	na	na	na	1,272	1,521	1,687	1,755	1,519	1,514	1,537
S&E	na	na	na	na	na	na	na	na	na	na	na	230	238	255	273	269	233	294
Engineering	na	na	na	na	na	na	na	na	na	na	na	19	38	34	35	35	26	41

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aerospace	na	na	na	na	na	na	na	na	na	na	na	0	2	1	1	0	0	2
Chemical	na	na	na	na	na	na	na	na	na	na	na	0	2	1	1	0	0	0
Civil	na	na	na	na	na	na	na	na	na	na	na	4	8	9	4	7	5	8
Electrical	na	na	na	na	na	na	na	na	na	na	na	5	2	7	5	9	8	6
Industrial	na	na	na	na	na	na	na	na	na	na	na	0	8	2	9	2	4	6
Materials	na	na	na	na	na	na	na	na	na	na	na	1	0	3	0	0	0	1
Mechanical	na	na	na	na	na	na	na	na	na	na	na	2	4	5	0	5	4	7
Other	na	na	na	na	na	na	na	na	na	na	na	7	12	6	15	12	5	11
Science	na	na	na	na	na	na	na	na	na	na	na	211	200	221	238	234	207	253
Natural sciences	na	na	na	na	na	na	na	na	na	na	na	68	61	70	70	78	64	82
Agricultural sciences	na	na	na	na	na	na	na	na	na	na	na	4	7	15	7	12	2	8
Biological sciences	na	na	na	na	na	na	na	na	na	na	na	23	26	22	20	20	16	19
Earth, atmospheric, and ocean sciences	na	na	na	na	na	na	na	na	na	na	na	4	0	1	2	2	2	0
Atmospheric sciences	na	na	na	na	na	na	na	na	na	na	na	1	0	0	0	0	0	0
Earth sciences	na	na	na	na	na	na	na	na	na	na	na	3	0	1	2	2	2	0
Oceanography	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Mathematics and computer sciences	na	na	na	na	na	na	na	na	na	na	na	33	23	25	38	42	41	50
Computer sciences	na	na	na	na	na	na	na	na	na	na	na	28	17	24	35	38	37	45
Mathematics and statistics	na	na	na	na	na	na	na	na	na	na	na	5	6	1	3	4	4	5
Physical sciences	na	na	na	na	na	na	na	na	na	na	na	4	5	7	3	2	3	5
Astronomy	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Chemistry	na	na	na	na	na	na	na	na	na	na	na	2	3	4	2	1	2	3
Physics	na	na	na	na	na	na	na	na	na	na	na	1	2	3	1	1	1	2
Other physical sciences	na	na	na	na	na	na	na	na	na	na	na	1	0	0	0	0	0	0
Social and behavioral sciences	na	na	na	na	na	na	na	na	na	na	na	143	139	151	168	156	143	171
Psychology	na	na	na	na	na	na	na	na	na	na	na	43	55	59	72	60	55	78
Social sciences	na	na	na	na	na	na	na	na	na	na	na	100	84	92	96	96	88	93
Anthropology	na	na	na	na	na	na	na	na	na	na	na	1	5	1	0	1	3	1
Area and ethnic studies	na	na	na	na	na	na	na	na	na	na	na	7	13	9	10	5	4	8
Economics	na	na	na	na	na	na	na	na	na	na	na	2	2	4	5	0	1	4
History of science	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Linguistics	na	na	na	na	na	na	na	na	na	na	na	0	0	1	1	0	0	0
Political science and public administration	na	na	na	na	na	na	na	na	na	na	na	79	55	70	64	74	68	72
Sociology	na	na	na	na	na	na	na	na	na	na	na	0	1	1	3	0	2	3
Other social sciences	na	na	na	na	na	na	na	na	na	na	na	11	8	6	13	16	10	5
Non-S&E	na	na	na	na	na	na	na	na	na	na	na	1,042	1,283	1,432	1,482	1,250	1,281	1,243

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
White																		
All fields	299,781	296,202	299,441	309,126	330,212	342,100	352,593	355,075	362,206	374,920	389,668	410,814	419,809	413,610	405,699	396,460	396,186	401,523
S&E	50,130	48,920	48,583	50,191	54,729	56,535	58,127	58,408	59,126	60,774	62,633	67,712	73,327	73,856	74,278	72,869	72,815	72,596
Engineering	11,020	10,391	10,337	10,615	11,763	12,198	12,084	11,949	12,077	12,428	12,919	14,579	16,022	15,556	15,591	15,263	15,079	15,297
Aerospace	284	277	310	327	444	490	506	534	601	650	600	699	805	694	708	711	758	804
Chemical	501	487	435	431	455	452	481	435	369	388	445	505	561	524	595	590	551	642
Civil	2,337	2,128	1,930	1,994	2,089	2,245	2,277	2,126	2,196	2,252	2,399	2,993	3,183	3,046	3,014	2,748	2,649	2,482
Electrical	2,474	2,216	2,287	2,401	2,815	2,785	2,609	2,580	2,546	2,446	2,396	2,513	2,690	2,513	2,425	2,435	2,296	2,442
Industrial	1,238	1,266	1,247	1,298	1,364	1,226	1,207	1,218	1,168	1,255	1,517	1,541	1,787	1,766	1,806	1,702	1,744	1,709
Materials	373	293	282	280	304	314	305	328	288	309	304	326	363	364	379	354	432	392
Mechanical	1,630	1,557	1,583	1,605	1,840	2,042	1,968	1,997	2,073	2,011	2,157	2,624	2,699	2,628	2,595	2,636	2,484	2,588
Other	2,183	2,167	2,263	2,279	2,452	2,644	2,731	2,731	2,836	3,117	3,101	3,378	3,934	4,021	4,069	4,087	4,165	4,238
Science	39,110	38,529	38,246	39,576	42,966	44,337	46,043	46,459	47,049	48,346	49,714	53,133	57,305	58,300	58,687	57,606	57,736	57,299
Natural sciences	16,154	15,989	16,270	16,947	18,313	18,794	19,270	18,851	18,767	18,622	19,462	20,666	22,734	23,581	24,339	24,781	25,511	26,526
Agricultural sciences	2,864	2,782	2,951	2,898	2,953	2,930	2,880	2,886	2,953	3,023	3,177	3,484	4,043	3,887	3,987	3,860	3,992	3,937
Biological sciences	4,183	4,124	4,088	4,291	4,617	4,876	5,248	5,073	5,242	5,299	5,594	5,838	6,438	6,828	7,126	7,309	7,831	8,173
Earth, atmospheric, and ocean sciences	1,036	1,043	1,065	1,125	1,144	1,197	1,217	1,232	1,114	1,148	1,181	1,278	1,417	1,444	1,519	1,512	1,433	1,449
Atmospheric sciences	111	99	98	117	120	149	141	140	148	177	164	170	172	169	179	166	145	156
Earth sciences	861	876	890	914	921	963	982	1,006	869	884	910	1,011	1,124	1,174	1,227	1,239	1,180	1,173
Oceanography	64	68	77	94	103	85	94	86	97	87	107	97	121	101	113	107	108	120
Mathematics and computer sciences	6,296	6,166	6,383	6,808	7,576	7,800	7,830	7,650	7,368	7,258	7,505	8,005	8,605	9,158	9,524	9,953	10,104	10,809
Computer sciences	4,641	4,651	4,828	5,185	5,781	5,818	5,715	5,463	5,176	5,080	5,183	5,553	5,997	6,525	6,797	7,223	7,278	7,968
Mathematics and statistics	1,655	1,515	1,555	1,623	1,795	1,982	2,115	2,187	2,192	2,178	2,322	2,452	2,608	2,633	2,727	2,730	2,826	2,841
Physical sciences	1,775	1,874	1,783	1,825	2,023	1,991	2,095	2,010	2,090	1,894	2,005	2,061	2,231	2,264	2,183	2,147	2,151	2,158
Astronomy	65	47	59	67	76	98	97	91	106	80	93	98	82	101	90	95	86	105
Chemistry	930	992	877	905	1,012	886	963	977	1,032	941	926	964	1,110	1,061	997	1,058	1,078	1,138
Physics	585	627	613	642	790	851	883	820	838	754	855	868	901	995	990	903	931	823
Other physical sciences	195	208	234	211	145	156	152	122	114	119	131	131	138	107	106	91	56	92
Social and behavioral sciences	22,956	22,540	21,976	22,629	24,653	25,543	26,773	27,608	28,282	29,724	30,252	32,467	34,571	34,719	34,348	32,825	32,225	30,773
Psychology	9,721	9,885	9,452	9,694	10,175	10,410	11,048	11,646	11,561	12,581	12,484	13,227	13,983	14,542	14,848	13,955	13,998	13,556
Social sciences	13,235	12,655	12,524	12,935	14,478	15,133	15,725	15,962	16,721	17,143	17,768	19,240	20,588	20,177	19,500	18,870	18,227	17,217
Anthropology	686	800	705	743	770	779	786	811	778	843	819	825	863	772	881	857	789	752
Area and ethnic studies	890	792	763	691	838	809	938	825	813	786	797	942	937	920	797	864	764	697
Economics	839	840	827	828	927	1,097	1,077	1,161	1,173	1,271	1,203	1,469	1,542	1,374	1,418	1,307	1,347	1,304
History of science	20	18	23	13	17	20	29	20	34	25	17	34	24	17	12	15	23	25
Linguistics	295	284	270	258	290	300	298	282	311	383	351	368	414	390	362	378	370	313

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Political science and public administration	7,429	7,013	7,066	7,518	8,361	9,107	9,406	9,723	10,272	10,319	10,854	11,809	12,652	12,631	12,170	11,833	11,432	10,671
Sociology	1,254	1,178	1,183	1,177	1,202	858	906	912	915	894	796	863	977	876	847	743	742	719
Other social sciences	1,822	1,730	1,687	1,707	2,073	2,163	2,285	2,228	2,425	2,622	2,931	2,930	3,179	3,197	3,013	2,873	2,760	2,736
Non-S&E	249,651	247,282	250,858	258,935	275,483	285,565	294,466	296,667	303,080	314,146	327,035	343,102	346,482	339,754	331,421	323,591	323,371	328,927
More than one race ^c																		
All fields	na	na	na	na	na	na	na	na	na	na	na	5,970	8,751	10,720	12,229	13,375	15,227	16,370
S&E	na	na	na	na	na	na	na	na	na	na	na	1,335	2,067	2,545	2,913	3,105	3,469	3,796
Engineering	na	na	na	na	na	na	na	na	na	na	na	296	392	492	568	585	720	700
Aerospace	na	na	na	na	na	na	na	na	na	na	na	15	20	23	23	30	30	40
Chemical	na	na	na	na	na	na	na	na	na	na	na	15	18	13	14	30	22	29
Civil	na	na	na	na	na	na	na	na	na	na	na	50	87	104	116	95	112	119
Electrical	na	na	na	na	na	na	na	na	na	na	na	62	64	85	103	95	136	119
Industrial	na	na	na	na	na	na	na	na	na	na	na	43	39	56	59	53	66	63
Materials	na	na	na	na	na	na	na	na	na	na	na	5	12	15	16	18	27	19
Mechanical	na	na	na	na	na	na	na	na	na	na	na	36	50	72	98	89	129	131
Other	na	na	na	na	na	na	na	na	na	na	na	70	102	124	139	175	198	180
Science	na	na	na	na	na	na	na	na	na	na	na	1,039	1,675	2,053	2,345	2,520	2,749	3,096
Natural sciences	na	na	na	na	na	na	na	na	na	na	na	341	560	810	902	1,025	1,150	1,419
Agricultural sciences	na	na	na	na	na	na	na	na	na	na	na	48	71	95	109	128	114	170
Biological sciences	na	na	na	na	na	na	na	na	na	na	na	110	167	283	326	332	387	479
Earth, atmospheric, and ocean sciences	na	na	na	na	na	na	na	na	na	na	na	9	25	42	53	33	51	44
Atmospheric sciences	na	na	na	na	na	na	na	na	na	na	na	0	2	3	3	5	4	2
Earth sciences	na	na	na	na	na	na	na	na	na	na	na	9	22	38	45	27	45	37
Oceanography	na	na	na	na	na	na	na	na	na	na	na	0	1	1	5	1	2	5
Mathematics and computer sciences	na	na	na	na	na	na	na	na	na	na	na	141	243	308	358	446	489	623
Computer sciences	na	na	na	na	na	na	na	na	na	na	na	107	180	229	290	345	388	488
Mathematics and statistics	na	na	na	na	na	na	na	na	na	na	na	34	63	79	68	101	101	135
Physical sciences	na	na	na	na	na	na	na	na	na	na	na	33	54	82	56	86	109	103
Astronomy	na	na	na	na	na	na	na	na	na	na	na	3	1	2	2	4	3	5
Chemistry	na	na	na	na	na	na	na	na	na	na	na	17	26	36	31	50	60	52
Physics	na	na	na	na	na	na	na	na	na	na	na	9	23	41	21	29	40	43
Other physical sciences	na	na	na	na	na	na	na	na	na	na	na	4	4	3	2	3	6	3
Social and behavioral sciences	na	na	na	na	na	na	na	na	na	na	na	698	1,115	1,243	1,443	1,495	1,599	1,677
Psychology	na	na	na	na	na	na	na	na	na	na	na	241	400	480	500	541	623	730
Social sciences	na	na	na	na	na	na	na	na	na	na	na	457	715	763	943	954	976	947
Anthropology	na	na	na	na	na	na	na	na	na	na	na	17	31	36	55	44	45	43

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Area and ethnic studies	na	na	na	na	na	na	na	na	na	na	na	na	35	49	59	60	66	56	56
Economics	na	na	na	na	na	na	na	na	na	na	na	na	41	50	55	45	47	61	61
History of science	na	na	na	na	na	na	na	na	na	na	na	na	0	1	1	1	0	2	2
Linguistics	na	na	na	na	na	na	na	na	na	na	na	na	5	17	17	16	19	26	21
Political science and public administration	na	na	na	na	na	na	na	na	na	na	na	na	267	416	463	579	603	628	572
Sociology	na	na	na	na	na	na	na	na	na	na	na	na	27	43	46	56	53	42	57
Other social sciences	na	na	na	na	na	na	na	na	na	na	na	na	65	108	86	131	122	116	135
Non-S&E	na	na	na	na	na	na	na	na	na	na	na	na	4,635	6,684	8,175	9,316	10,270	11,758	12,574
Other or unknown race and ethnicity																			
All fields	26,048	31,217	36,569	42,575	52,282	49,733	54,563	59,744	65,545	70,399	76,781	73,515	71,618	61,747	57,714	54,875	54,007	48,980	
S&E	4,545	5,346	5,895	6,400	7,302	8,331	9,039	9,135	10,338	11,532	12,660	11,858	12,144	11,618	10,873	9,833	9,948	8,293	
Engineering	940	1,050	1,209	1,325	1,435	1,646	1,638	1,753	1,872	2,206	2,398	2,092	2,025	2,111	2,211	1,723	1,755	1,509	
Aerospace	9	23	19	29	46	41	57	54	65	47	62	62	39	41	39	35	42	52	
Chemical	30	41	53	45	43	80	55	64	56	57	74	60	63	55	53	60	70	70	
Civil	141	150	159	189	184	216	226	216	221	331	357	282	277	382	331	219	208	174	
Electrical	288	324	421	432	465	524	504	494	535	587	587	471	437	410	595	377	367	310	
Industrial	172	165	155	178	205	211	184	231	183	275	353	319	294	289	295	185	229	201	
Materials	22	27	19	25	22	27	33	33	40	34	44	35	37	23	16	26	33	45	
Mechanical	120	117	151	144	180	223	240	233	267	247	289	261	243	259	283	291	243	203	
Other	158	203	232	283	290	324	339	428	505	628	632	602	635	652	599	530	563	454	
Science	3,605	4,296	4,686	5,075	5,867	6,685	7,401	7,382	8,466	9,326	10,262	9,766	10,119	9,507	8,662	8,110	8,193	6,784	
Natural sciences	1,415	1,919	2,124	2,261	2,624	2,738	2,834	2,877	3,274	3,504	3,767	3,496	3,426	3,321	3,320	3,147	3,170	2,910	
Agricultural sciences	144	165	175	184	215	237	248	250	215	257	366	301	320	319	311	290	289	282	
Biological sciences	284	298	322	348	403	471	537	624	860	902	956	878	820	771	785	853	917	705	
Earth, atmospheric, and ocean sciences	46	60	48	77	64	87	99	85	103	96	131	112	114	95	98	109	81	103	
Atmospheric sciences	1	8	5	3	5	6	6	4	5	11	11	8	9	8	12	12	12	11	
Earth sciences	43	46	36	68	54	77	85	75	93	78	115	91	95	77	81	85	64	87	
Oceanography	2	6	7	6	5	4	8	6	5	7	5	13	10	10	5	12	5	5	
Mathematics and computer sciences	805	1,250	1,410	1,493	1,754	1,721	1,744	1,652	1,788	1,962	1,974	1,931	1,963	1,914	1,905	1,675	1,703	1,657	
Computer sciences	663	1,114	1,252	1,342	1,547	1,481	1,501	1,381	1,476	1,632	1,606	1,561	1,607	1,573	1,628	1,397	1,381	1,336	
Mathematics and statistics	142	136	158	151	207	240	243	271	312	330	368	370	356	341	277	278	322	321	
Physical sciences	136	146	169	159	188	222	206	266	308	287	340	274	209	222	221	220	180	163	
Astronomy	8	12	10	16	16	12	9	16	14	13	13	17	9	13	10	7	6	5	
Chemistry	82	80	102	64	84	104	87	117	130	122	162	138	100	108	105	99	91	82	
Physics	42	45	53	74	84	105	106	128	134	133	147	104	90	94	87	101	72	57	
Other physical sciences	4	9	4	5	4	1	4	5	30	19	18	15	10	7	19	13	11	19	

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Social and behavioral sciences	2,190	2,377	2,562	2,814	3,243	3,947	4,567	4,505	5,192	5,822	6,495	6,270	6,693	6,186	5,342	4,963	5,023	3,874
Psychology	884	939	1,035	1,064	1,157	1,338	1,528	1,719	1,839	2,259	2,508	2,362	2,639	2,357	2,153	1,948	2,063	1,893
Social sciences	1,306	1,438	1,527	1,750	2,086	2,609	3,039	2,786	3,353	3,563	3,987	3,908	4,054	3,829	3,189	3,015	2,960	1,981
Anthropology	55	66	76	83	72	105	126	114	111	105	123	139	110	101	112	77	78	71
Area and ethnic studies	110	173	159	140	162	212	354	193	171	179	151	141	94	101	103	108	69	67
Economics	97	93	102	201	253	275	291	276	361	288	451	313	308	214	235	208	152	156
History of science	2	0	5	2	2	2	1	2	1	0	1	3	2	4	1	1	3	1
Linguistics	20	25	27	32	40	40	52	37	54	63	56	58	45	64	42	40	32	28
Political science and public administration	820	847	940	1,053	1,253	1,605	1,839	1,760	2,216	2,386	2,617	2,756	3,003	2,879	2,312	2,209	2,277	1,314
Sociology	41	58	55	64	67	90	95	126	132	129	120	128	114	73	63	65	48	45
Other social sciences	161	176	163	175	237	280	281	278	307	413	468	370	378	393	321	307	301	299
Non-S&E	21,503	25,871	30,674	36,175	44,980	41,402	45,524	50,609	55,207	58,867	64,121	61,657	59,474	50,129	46,841	45,042	44,059	40,687
Temporary visa holder																		
All fields	55,984	61,432	63,689	71,600	74,897	73,240	71,780	68,336	72,867	79,650	81,454	85,917	89,227	94,489	103,828	117,148	135,986	145,480
S&E	24,815	27,443	27,576	32,403	35,461	33,468	30,842	28,683	32,086	36,014	36,374	39,215	40,942	43,261	47,344	58,724	73,937	81,486
Engineering	9,824	11,002	10,800	13,347	15,640	14,865	13,291	11,660	13,428	15,570	15,929	17,387	17,584	17,919	19,891	24,460	30,424	32,013
Aerospace	221	251	287	285	291	290	253	181	238	236	265	332	329	287	320	335	398	433
Chemical	631	642	605	708	802	767	698	539	621	659	710	911	995	1,057	1,143	1,263	1,322	1,353
Civil	1,092	1,233	1,354	1,504	1,663	1,551	1,423	1,216	1,273	1,337	1,435	1,619	1,748	1,828	2,108	2,496	2,886	3,222
Electrical	4,109	4,672	4,242	5,676	6,917	6,399	5,486	5,025	6,021	7,153	7,016	7,390	7,553	7,536	8,274	11,107	14,132	13,361
Industrial	1,176	1,409	1,430	1,765	1,976	1,759	1,456	1,340	1,582	2,049	2,151	2,244	2,232	2,198	2,417	2,735	3,684	4,798
Materials	276	300	244	339	383	339	334	331	336	384	355	406	454	521	595	605	651	726
Mechanical	1,166	1,250	1,303	1,588	1,925	1,912	1,724	1,524	1,575	1,794	1,757	2,210	2,147	2,189	2,460	3,004	3,868	4,447
Other	1,153	1,245	1,335	1,482	1,683	1,848	1,917	1,504	1,782	1,958	2,240	2,275	2,126	2,303	2,574	2,915	3,483	3,673
Science	14,991	16,441	16,776	19,056	19,821	18,603	17,551	17,023	18,658	20,444	20,445	21,828	23,358	25,342	27,453	34,264	43,513	49,473
Natural sciences	10,336	11,746	11,678	13,578	14,067	12,700	11,980	11,545	12,947	14,415	14,438	15,405	16,752	18,011	19,771	26,552	35,482	41,228
Agricultural sciences	516	471	479	515	646	596	561	539	564	576	582	634	682	739	802	793	880	921
Biological sciences	750	873	805	1,001	1,114	1,210	1,288	1,326	1,465	1,710	1,790	1,901	2,048	2,045	2,145	2,327	2,309	2,481
Earth, atmospheric, and ocean sciences	195	172	199	206	258	247	253	216	204	234	241	226	316	317	343	348	353	382
Atmospheric sciences	38	24	28	39	44	46	45	35	26	22	43	21	39	32	44	49	44	53
Earth sciences	142	134	150	157	190	182	188	156	161	185	175	187	260	271	280	282	289	306
Oceanography	15	14	21	10	24	19	20	25	17	27	23	18	17	14	19	17	20	23
Mathematics and computer sciences	7,735	8,991	9,007	10,679	10,681	9,291	8,455	8,056	9,289	10,561	10,433	11,171	12,088	13,334	14,918	21,445	30,335	35,817
Computer sciences	6,624	7,761	7,713	9,167	8,896	7,514	6,649	6,287	7,405	8,347	7,955	8,733	9,365	10,108	11,226	17,353	25,311	30,073
Mathematics and statistics	1,111	1,230	1,294	1,512	1,785	1,777	1,806	1,769	1,884	2,214	2,478	2,438	2,723	3,226	3,692	4,092	5,024	5,744
Physical sciences	1,140	1,239	1,188	1,177	1,368	1,356	1,423	1,408	1,425	1,334	1,392	1,473	1,618	1,576	1,563	1,639	1,605	1,627

TABLE S2-9

Master's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Astronomy	22	28	35	29	48	37	29	38	38	25	32	51	23	33	41	34	25	37
Chemistry	599	621	606	533	672	623	701	712	712	695	710	792	866	874	876	876	857	852
Physics	483	568	524	602	627	673	678	644	661	593	626	612	688	627	609	690	687	694
Other physical sciences	36	22	23	13	21	23	15	14	14	21	24	18	41	42	37	39	36	44
Social and behavioral sciences	4,655	4,695	5,098	5,478	5,754	5,903	5,571	5,478	5,711	6,029	6,007	6,423	6,606	7,331	7,682	7,712	8,031	8,245
Psychology	470	468	485	684	619	651	630	663	654	629	684	714	784	928	841	820	987	936
Social sciences	4,185	4,227	4,613	4,794	5,135	5,252	4,941	4,815	5,057	5,400	5,323	5,709	5,822	6,403	6,841	6,892	7,044	7,309
Anthropology	86	88	99	83	105	73	92	105	92	112	106	85	95	106	101	109	99	114
Area and ethnic studies	229	228	224	226	253	236	261	202	253	249	265	261	253	292	311	294	325	300
Economics	1,306	1,320	1,460	1,614	1,708	1,730	1,552	1,524	1,622	1,659	1,665	1,848	1,872	2,093	2,353	2,339	2,314	2,497
History of science	2	5	2	7	3	6	9	2	8	5	3	5	5	7	7	4	3	2
Linguistics	173	158	169	172	176	189	171	179	168	173	174	175	192	188	179	242	214	215
Political science and public administration	1,924	1,983	2,147	2,222	2,365	2,495	2,338	2,290	2,456	2,625	2,533	2,790	2,781	3,107	3,277	3,277	3,415	3,416
Sociology	191	157	191	185	199	169	168	164	139	161	153	164	172	171	169	163	177	155
Other social sciences	274	288	321	285	326	354	350	349	319	416	424	381	452	439	444	464	497	610
Non-S&E	31,169	33,989	36,113	39,197	39,436	39,772	40,938	39,653	40,781	43,636	45,080	46,702	48,285	51,228	56,484	58,424	62,049	63,994

na = not applicable; data were not collected for this detail.

^a Beginning in 2008, Hispanic may be any race and race categories exclude Hispanic origin.

^b Pacific Islander includes Native Hawaiian or Other Pacific Islander.

^c In 2011, the survey required institutions to begin reporting information on more than one race, along with information in the other racial and ethnic categories, but institutions were not required to update the race and ethnicity data of people who were already in the system. Therefore, the number reported for more than one race for the years after 2011 is likely to be an undercount.

Note(s)

Racial and ethnic breakouts include U.S. citizens and permanent residents only; temporary visa holder includes all racial and ethnic groups. 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