

TABLE 6-4

## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
All degrees	359,947	370,577	382,740	401,995	421,358	443,154	455,736	453,745	455,240	455,697	468,924
U.S. citizen and permanent resident	329,470	341,141	351,519	368,225	386,376	406,035	416,202	411,558	407,741	403,093	410,150
Hispanic or Latino <sup>a</sup>	22,351	24,050	24,613	26,407	27,798	29,950	32,353	33,867	35,810	37,676	40,619
Non-Hispanic or Latino	307,119	317,091	326,906	341,818	358,578	376,085	383,849	377,691	371,931	365,417	369,531
American Indian or Alaska Native	2,039	2,071	2,204	2,143	2,236	2,265	2,134	2,201	2,090	2,006	2,124
Asian	na	na	na	na	na	20,341	21,161	21,248	21,459	21,981	22,868
Asian or Pacific Islander <sup>b</sup>	16,429	17,635	17,902	18,971	20,378	na	na	na	na	na	na
Black or African American	37,886	39,939	41,439	44,491	47,662	50,583	53,754	55,956	56,622	55,842	56,770
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	773	949	1,023	1,073	921	932
White	219,039	222,142	226,279	234,097	241,958	254,278	257,659	254,414	249,097	243,757	244,581
More than one race <sup>c</sup>	na	na	na	na	na	3,674	5,631	6,670	7,809	8,438	9,623
Other or unknown race and ethnicity	31,726	35,304	39,082	42,116	46,344	44,171	42,561	36,179	33,781	32,472	32,633
Temporary resident	30,477	29,436	31,221	33,770	34,982	37,119	39,534	42,187	47,499	52,604	58,774
All S&E	54,750	54,925	57,594	61,028	63,660	68,202	73,513	76,351	78,771	81,673	87,850
U.S. citizen and permanent resident	44,382	45,064	46,805	48,988	51,371	54,877	59,341	60,923	61,642	60,731	62,355
Hispanic or Latino <sup>a</sup>	3,086	3,320	3,364	3,604	4,026	4,465	5,067	5,391	5,812	6,008	6,617
Non-Hispanic or Latino	41,296	41,744	43,441	45,384	47,345	50,412	54,274	55,532	55,830	54,723	55,738
American Indian or Alaska Native	322	300	318	313	367	306	340	354	344	311	335
Asian	na	na	na	na	na	4,533	4,575	4,768	4,767	4,830	5,185
Asian or Pacific Islander <sup>b</sup>	3,837	4,034	4,073	4,141	4,352	na	na	na	na	na	na
Black or African American	5,138	5,364	5,836	6,166	6,704	7,098	7,859	8,505	8,477	8,415	8,430
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	116	127	132	140	138	125
White	27,732	27,752	28,220	29,108	29,746	31,777	34,147	34,635	35,231	34,368	34,734
More than one race <sup>c</sup>	na	na	na	na	na	682	1,148	1,335	1,551	1,641	1,763
Other or unknown race and ethnicity	4,267	4,294	4,994	5,656	6,176	5,900	6,078	5,803	5,320	5,020	5,166
Temporary resident	10,368	9,861	10,789	12,040	12,289	13,325	14,172	15,428	17,129	20,942	25,495
Science	47,271	47,946	49,957	52,789	55,258	58,863	63,614	66,054	67,783	69,391	74,061
U.S. citizen and permanent resident	40,029	40,815	42,314	44,325	46,740	49,615	53,814	55,251	55,956	54,946	56,463
Hispanic or Latino <sup>a</sup>	2,805	2,994	3,016	3,244	3,660	4,034	4,547	4,853	5,237	5,453	6,044
Non-Hispanic or Latino	37,224	37,821	39,298	41,081	43,080	45,581	49,267	50,398	50,719	49,493	50,419
American Indian or Alaska Native	302	280	294	294	341	291	311	331	333	293	314
Asian	na	na	na	na	na	3,374	3,559	3,699	3,762	3,807	4,112
Asian or Pacific Islander <sup>b</sup>	2,891	3,038	3,048	3,072	3,347	na	na	na	na	na	na
Black or African American	4,859	5,062	5,541	5,862	6,370	6,734	7,482	8,156	8,139	8,045	8,073
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	113	118	124	133	130	119
White	25,274	25,500	25,844	26,707	27,337	28,979	31,115	31,513	32,106	31,093	31,482
More than one race <sup>c</sup>	na	na	na	na	na	621	1,023	1,218	1,404	1,477	1,568
Other or unknown race and ethnicity	3,898	3,941	4,571	5,146	5,685	5,469	5,659	5,357	4,842	4,648	4,751
Temporary resident	7,242	7,131	7,643	8,464	8,518	9,248	9,800	10,803	11,827	14,445	17,598
Agricultural sciences	2,153	2,267	2,248	2,318	2,447	2,749	3,153	3,173	3,294	3,228	3,440
U.S. citizen and permanent resident	1,900	2,000	1,961	2,021	2,132	2,437	2,786	2,769	2,841	2,784	2,934

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## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Hispanic or Latino <sup>a</sup>	120	103	89	123	122	147	177	180	190	192	222
Non-Hispanic or Latino	1,780	1,897	1,872	1,898	2,010	2,290	2,609	2,589	2,651	2,592	2,712
American Indian or Alaska Native	17	23	20	16	17	21	17	26	8	26	11
Asian	na	na	na	na	na	122	137	120	109	103	105
Asian or Pacific Islander <sup>b</sup>	51	77	60	87	100	na	na	na	na	na	na
Black or African American	61	77	62	74	77	103	99	114	111	102	116
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	2	2	9	4	8	2
White	1,512	1,592	1,611	1,561	1,629	1,841	2,175	2,087	2,198	2,118	2,247
More than one race <sup>c</sup>	na	na	na	na	na	29	35	55	54	73	72
Other or unknown race and ethnicity	139	128	119	160	187	172	144	178	167	162	159
Temporary resident	253	267	287	297	315	312	367	404	453	444	506
Biological sciences	5,106	5,253	5,611	5,775	6,183	6,432	7,078	7,423	7,818	8,326	8,860
U.S. citizen and permanent resident	4,300	4,444	4,719	4,765	5,137	5,323	5,924	6,226	6,546	6,864	7,455
Hispanic or Latino <sup>a</sup>	205	278	289	274	319	355	414	442	503	542	655
Non-Hispanic or Latino	4,095	4,166	4,430	4,491	4,818	4,968	5,510	5,784	6,043	6,322	6,800
American Indian or Alaska Native	30	14	27	22	28	22	32	21	28	22	12
Asian	na	na	na	na	na	675	795	860	906	927	998
Asian or Pacific Islander <sup>b</sup>	478	541	561	577	683	na	na	na	na	na	na
Black or African American	279	316	346	331	352	389	462	527	520	572	625
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	13	17	11	10	8	9
White	3,017	2,940	3,002	3,050	3,213	3,322	3,629	3,751	3,944	4,114	4,399
More than one race <sup>c</sup>	na	na	na	na	na	56	101	168	193	186	221
Other or unknown race and ethnicity	291	355	494	511	542	491	474	446	442	493	536
Temporary resident	806	809	892	1,010	1,046	1,109	1,154	1,197	1,272	1,462	1,405
Computer sciences	4,618	4,276	4,596	4,869	4,963	5,508	5,843	6,263	7,088	9,607	12,372
U.S. citizen and permanent resident	2,762	2,510	2,534	2,446	2,653	2,928	3,065	3,303	3,668	4,031	4,254
Hispanic or Latino <sup>a</sup>	148	123	118	144	159	178	225	189	236	273	334
Non-Hispanic or Latino	2,614	2,387	2,416	2,302	2,494	2,750	2,840	3,114	3,432	3,758	3,920
American Indian or Alaska Native	16	6	9	12	10	11	18	14	22	13	22
Asian	na	na	na	na	na	547	499	515	622	747	849
Asian or Pacific Islander <sup>b</sup>	640	542	537	467	469	na	na	na	na	na	na
Black or African American	354	345	385	355	463	482	580	689	664	698	736
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	7	7	4	11	13	12
White	1,220	1,141	1,114	1,058	1,130	1,252	1,247	1,370	1,559	1,735	1,732
More than one race <sup>c</sup>	na	na	na	na	na	37	47	75	83	109	114
Other or unknown race and ethnicity	384	353	371	410	422	414	442	447	471	443	455
Temporary resident	1,856	1,766	2,062	2,423	2,310	2,580	2,778	2,960	3,420	5,576	8,118
Earth, atmospheric, and ocean sciences	761	741	705	731	789	795	875	902	916	955	923
U.S. citizen and permanent resident	664	660	613	644	689	689	751	763	787	815	791

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## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Hispanic or Latino <sup>a</sup>	27	24	31	22	33	39	37	37	43	57	57
Non-Hispanic or Latino	637	636	582	622	656	650	714	726	744	758	734
American Indian or Alaska Native	2	3	4	4	5	3	9	5	0	3	7
Asian	na	na	na	na	na	18	23	19	17	29	39
Asian or Pacific Islander <sup>b</sup>	16	13	25	17	23	na	na	na	na	na	na
Black or African American	20	8	16	8	10	8	14	14	15	19	10
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	1	0	0	1	1	1
White	558	577	488	549	552	562	599	625	650	640	621
More than one race <sup>c</sup>	na	na	na	na	na	5	15	18	27	16	23
Other or unknown race and ethnicity	41	35	49	44	66	53	54	45	34	50	33
Temporary resident	97	81	92	87	100	106	124	139	129	140	132
Atmospheric sciences	71	69	73	91	94	86	93	91	111	90	76
U.S. citizen and permanent resident	56	57	62	80	72	77	73	72	92	64	55
Hispanic or Latino <sup>a</sup>	0	3	6	4	1	6	4	4	7	7	2
Non-Hispanic or Latino	56	54	56	76	71	71	69	68	85	57	53
American Indian or Alaska Native	0	0	0	0	0	1	0	0	0	0	0
Asian	na	na	na	na	na	2	2	1	3	3	2
Asian or Pacific Islander <sup>b</sup>	2	2	3	2	0	na	na	na	na	na	na
Black or African American	5	3	2	2	3	2	2	0	2	2	0
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	0	0	0	0	0
White	48	49	50	68	64	62	60	64	76	49	44
More than one race <sup>c</sup>	na	na	na	na	na	0	0	0	3	1	2
Other or unknown race and ethnicity	1	0	1	4	4	4	5	3	1	2	5
Temporary resident	15	12	11	11	22	9	20	19	19	26	21
Earth sciences	612	599	559	566	615	632	696	744	719	781	764
U.S. citizen and permanent resident	538	541	487	499	544	541	602	632	614	672	656
Hispanic or Latino <sup>a</sup>	27	17	24	17	26	30	32	31	31	44	48
Non-Hispanic or Latino	511	524	463	482	518	511	570	601	583	628	608
American Indian or Alaska Native	2	3	4	4	4	2	8	5	0	3	7
Asian	na	na	na	na	na	14	21	13	12	24	33
Asian or Pacific Islander <sup>b</sup>	13	8	21	12	22	na	na	na	na	na	na
Black or African American	13	5	11	5	6	6	11	14	13	16	10
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	1	0	0	1	1	1
White	450	477	383	425	426	442	469	515	505	529	510
More than one race <sup>c</sup>	na	na	na	na	na	5	15	18	22	14	21
Other or unknown race and ethnicity	33	31	44	36	60	41	46	36	30	41	26
Temporary resident	74	58	72	67	71	91	94	112	105	109	108
Ocean sciences	78	73	73	74	80	77	86	67	86	84	83
U.S. citizen and permanent resident	70	62	64	65	73	71	76	59	81	79	80
Hispanic or Latino <sup>a</sup>	0	4	1	1	6	3	1	2	5	6	7

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## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Non-Hispanic or Latino	70	58	63	64	67	68	75	57	76	73	73
American Indian or Alaska Native	0	0	0	0	1	0	1	0	0	0	0
Asian	na	na	na	na	na	2	0	5	2	2	4
Asian or Pacific Islander <sup>b</sup>	1	3	1	3	1	na	na	na	na	na	na
Black or African American	2	0	3	1	1	0	1	0	0	1	0
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	0	0	0	0	0
White	60	51	55	56	62	58	70	46	69	62	67
More than one race <sup>c</sup>	na	na	na	na	na	0	0	0	2	1	0
Other or unknown race and ethnicity	7	4	4	4	2	8	3	6	3	7	2
Temporary resident	8	11	9	9	7	6	10	8	5	5	3
Mathematics and statistics	2,087	2,098	2,207	2,246	2,376	2,517	2,711	2,927	3,244	3,380	3,908
U.S. citizen and permanent resident	1,344	1,337	1,387	1,318	1,337	1,426	1,509	1,513	1,570	1,501	1,616
Hispanic or Latino <sup>a</sup>	58	72	75	60	56	73	83	101	94	95	102
Non-Hispanic or Latino	1,286	1,265	1,312	1,258	1,281	1,353	1,426	1,412	1,476	1,406	1,514
American Indian or Alaska Native	4	6	7	2	7	7	3	3	1	4	4
Asian	na	na	na	na	na	211	223	223	230	235	262
Asian or Pacific Islander <sup>b</sup>	190	223	207	196	206	na	na	na	na	na	na
Black or African American	78	76	81	71	48	69	75	66	75	73	81
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	2	2	1	1	1	0
White	912	863	912	864	887	912	967	967	1,039	976	1,021
More than one race <sup>c</sup>	na	na	na	na	na	13	23	27	24	37	34
Other or unknown race and ethnicity	102	97	105	125	133	139	133	125	106	80	112
Temporary resident	743	761	820	928	1,039	1,091	1,202	1,414	1,674	1,879	2,292
Physical sciences	1,626	1,563	1,565	1,514	1,621	1,657	1,689	1,698	1,716	1,678	1,694
U.S. citizen and permanent resident	1,083	1,044	1,081	1,018	1,097	1,108	1,098	1,132	1,108	1,052	1,074
Hispanic or Latino <sup>a</sup>	76	50	61	63	65	63	64	52	71	79	83
Non-Hispanic or Latino	1,007	994	1,020	955	1,032	1,045	1,034	1,080	1,037	973	991
American Indian or Alaska Native	5	6	10	8	2	3	4	9	3	3	3
Asian	na	na	na	na	na	136	100	133	121	111	136
Asian or Pacific Islander <sup>b</sup>	105	134	115	113	132	na	na	na	na	na	na
Black or African American	72	70	76	71	65	72	85	72	75	74	58
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	3	3	2	0	0	2
White	767	697	711	664	716	709	762	749	728	684	694
More than one race <sup>c</sup>	na	na	na	na	na	13	23	28	24	36	38
Other or unknown race and ethnicity	58	87	108	99	117	109	57	87	86	65	60
Temporary resident	543	519	484	496	524	549	591	566	608	626	620
Astronomy	66	59	62	57	55	70	50	76	66	62	57
U.S. citizen and permanent resident	58	46	50	45	44	53	39	67	48	47	43
Hispanic or Latino <sup>a</sup>	3	1	2	2	2	2	2	1	0	1	4
Non-Hispanic or Latino	55	45	48	43	42	51	37	66	48	46	39

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## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
American Indian or Alaska Native	0	0	0	0	0	2	0	1	0	0	1
Asian	na	na	na	na	na	5	3	9	2	6	5
Asian or Pacific Islander <sup>b</sup>	1	2	1	3	3	na	na	na	na	na	na
Black or African American	3	0	0	1	0	0	1	0	2	0	0
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	0	0	0	0	0
White	50	38	42	34	37	36	31	47	38	36	30
More than one race <sup>c</sup>	na	na	na	na	na	1	0	0	2	3	1
Other or unknown race and ethnicity	1	5	5	5	2	7	2	9	4	1	2
Temporary resident	8	13	12	12	11	17	11	9	18	15	14
Chemistry	1,024	1,005	1,035	997	1,055	1,081	1,132	1,130	1,122	1,109	1,145
U.S. citizen and permanent resident	664	666	726	666	707	723	717	733	726	704	738
Hispanic or Latino <sup>a</sup>	62	32	49	45	47	51	46	42	57	55	57
Non-Hispanic or Latino	602	634	677	621	660	672	671	691	669	649	681
American Indian or Alaska Native	3	5	6	7	1	1	2	7	0	1	0
Asian	na	na	na	na	na	107	80	101	98	81	109
Asian or Pacific Islander <sup>b</sup>	82	105	84	96	103	na	na	na	na	na	na
Black or African American	49	46	62	56	49	61	71	54	67	61	44
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	1	2	1	0	0	2
White	432	426	459	406	432	428	463	458	441	433	461
More than one race <sup>c</sup>	na	na	na	na	na	7	17	17	13	25	23
Other or unknown race and ethnicity	36	52	66	56	75	67	36	53	50	48	42
Temporary resident	360	339	309	331	348	358	415	397	396	405	407
Physics	439	417	378	371	410	404	409	401	439	436	433
U.S. citizen and permanent resident	274	257	219	224	252	243	258	255	263	242	249
Hispanic or Latino <sup>a</sup>	11	15	7	13	12	6	15	6	13	19	16
Non-Hispanic or Latino	263	242	212	211	240	237	243	249	250	223	233
American Indian or Alaska Native	0	1	3	1	1	0	2	1	2	2	2
Asian	na	na	na	na	na	22	15	18	18	22	19
Asian or Pacific Islander <sup>b</sup>	21	23	29	12	25	na	na	na	na	na	na
Black or African American	17	19	10	10	11	9	10	15	4	8	10
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	1	1	1	0	0	0
White	205	173	151	159	173	174	199	186	197	172	180
More than one race <sup>c</sup>	na	na	na	na	na	3	3	8	8	7	10
Other or unknown race and ethnicity	20	26	19	29	30	28	13	20	21	12	12
Temporary resident	165	160	159	147	158	161	151	146	176	194	184
Other	97	82	90	89	101	102	98	91	89	71	59
U.S. citizen and permanent resident	87	75	86	83	94	89	84	77	71	59	44
Hispanic or Latino <sup>a</sup>	0	2	3	3	4	4	1	3	1	4	6
Non-Hispanic or Latino	87	73	83	80	90	85	83	74	70	55	38

TABLE 6-4

## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
American Indian or Alaska Native	2	0	1	0	0	0	0	0	1	0	0
Asian	na	na	na	na	na	2	2	5	3	2	3
Asian or Pacific Islander <sup>b</sup>	1	4	1	2	1	na	na	na	na	na	na
Black or African American	3	5	4	4	5	2	3	3	2	5	4
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	1	0	0	0	0	0
White	80	60	59	65	74	71	69	58	52	43	23
More than one race <sup>c</sup>	na	na	na	na	na	2	3	3	1	1	4
Other or unknown race and ethnicity	1	4	18	9	10	7	6	5	11	4	4
Temporary resident	10	7	4	6	7	13	14	14	18	12	15
Psychology	13,637	14,679	14,916	16,362	16,646	17,644	19,076	19,852	20,005	18,926	19,856
U.S. citizen and permanent resident	13,148	14,142	14,397	15,870	16,128	17,096	18,466	19,156	19,357	18,300	19,075
Hispanic or Latino <sup>a</sup>	1,057	1,205	1,198	1,328	1,471	1,619	1,743	2,019	2,054	2,108	2,455
Non-Hispanic or Latino	12,091	12,937	13,199	14,542	14,657	15,477	16,723	17,137	17,303	16,192	16,620
American Indian or Alaska Native	101	85	86	96	93	89	92	117	119	93	96
Asian	na	na	na	na	na	583	659	712	684	623	697
Asian or Pacific Islander <sup>b</sup>	516	591	574	624	630	na	na	na	na	na	na
Black or African American	1,659	1,855	2,069	2,282	2,232	2,401	2,596	2,668	2,763	2,582	2,680
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	34	38	46	55	50	44
White	8,604	9,048	9,009	9,750	9,694	10,315	10,927	11,329	11,554	10,827	11,014
More than one race <sup>c</sup>	na	na	na	na	na	194	325	376	408	440	486
Other or unknown race and ethnicity	1,211	1,358	1,461	1,790	2,008	1,861	2,086	1,889	1,720	1,577	1,603
Temporary resident	489	537	519	492	518	548	610	696	648	626	781
Social sciences	17,283	17,069	18,109	18,974	20,233	21,561	23,189	23,816	23,702	23,291	23,008
U.S. citizen and permanent resident	14,828	14,678	15,622	16,243	17,567	18,608	20,215	20,389	20,079	19,599	19,264
Hispanic or Latino <sup>a</sup>	1,114	1,139	1,155	1,230	1,435	1,560	1,804	1,833	2,046	2,107	2,136
Non-Hispanic or Latino	13,714	13,539	14,467	15,013	16,132	17,048	18,411	18,556	18,033	17,492	17,128
American Indian or Alaska Native	127	137	131	134	179	135	136	136	152	129	159
Asian	na	na	na	na	na	1,082	1,123	1,117	1,073	1,032	1,026
Asian or Pacific Islander <sup>b</sup>	895	917	969	991	1,104	na	na	na	na	na	na
Black or African American	2,336	2,315	2,506	2,670	3,123	3,210	3,571	4,006	3,916	3,925	3,767
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	51	49	51	51	49	49
White	8,684	8,642	8,997	9,211	9,516	10,066	10,809	10,635	10,434	9,999	9,754
More than one race <sup>c</sup>	na	na	na	na	na	274	454	471	591	580	580
Other or unknown race and ethnicity	1,672	1,528	1,864	2,007	2,210	2,230	2,269	2,140	1,816	1,778	1,793
Temporary resident	2,455	2,391	2,487	2,731	2,666	2,953	2,974	3,427	3,623	3,692	3,744
Anthropology	761	839	766	838	839	849	860	819	900	847	786
U.S. citizen and permanent resident	706	765	715	764	770	802	807	758	840	784	727
Hispanic or Latino <sup>a</sup>	38	45	34	57	53	58	49	73	57	64	73
Non-Hispanic or Latino	668	720	681	707	717	744	758	685	783	720	654

TABLE 6-4

## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
American Indian or Alaska Native	14	17	11	11	13	6	9	8	10	4	4
Asian	na	na	na	na	na	34	33	17	26	29	30
Asian or Pacific Islander <sup>b</sup>	27	37	30	47	40	na	na	na	na	na	na
Black or African American	22	33	38	22	25	23	31	24	21	23	27
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	1	4	1	0	1	3
White	525	549	528	554	557	571	577	539	611	582	514
More than one race <sup>c</sup>	na	na	na	na	na	13	22	28	37	29	23
Other or unknown race and ethnicity	80	84	74	73	82	96	82	68	78	52	53
Temporary resident	55	74	51	74	69	47	53	61	60	63	59
Area and ethnic studies	1,223	997	1,060	1,050	1,021	1,134	1,129	1,150	1,137	1,149	1,136
U.S. citizen and permanent resident	1,063	870	898	888	851	975	970	948	919	949	920
Hispanic or Latino <sup>a</sup>	117	88	118	111	105	115	140	136	156	160	228
Non-Hispanic or Latino	946	782	780	777	746	860	830	812	763	789	692
American Indian or Alaska Native	20	9	16	17	22	15	19	20	17	22	35
Asian	na	na	na	na	na	54	62	75	70	71	55
Asian or Pacific Islander <sup>b</sup>	87	61	74	74	86	na	na	na	na	na	na
Black or African American	93	99	106	102	90	133	112	101	108	93	95
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	5	10	4	6	4	2
White	540	492	477	462	463	557	534	510	462	492	428
More than one race <sup>c</sup>	na	na	na	na	na	22	33	34	38	41	41
Other or unknown race and ethnicity	206	121	107	122	85	74	60	68	62	66	36
Temporary resident	160	127	162	162	170	159	159	202	218	200	216
Economics	1,319	1,306	1,384	1,506	1,492	1,728	1,735	1,773	1,852	1,799	1,804
U.S. citizen and permanent resident	647	674	676	726	768	826	875	750	759	747	735
Hispanic or Latino <sup>a</sup>	33	25	20	28	38	70	61	47	55	66	64
Non-Hispanic or Latino	614	649	656	698	730	756	814	703	704	681	671
American Indian or Alaska Native	0	7	2	3	7	4	1	4	3	1	3
Asian	na	na	na	na	na	104	112	111	97	109	81
Asian or Pacific Islander <sup>b</sup>	97	98	90	110	91	na	na	na	na	na	na
Black or African American	38	45	38	44	38	43	44	59	41	57	50
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	0	0	3	0	1
White	367	388	370	413	422	468	512	429	451	412	464
More than one race <sup>c</sup>	na	na	na	na	na	13	22	20	16	13	26
Other or unknown race and ethnicity	112	111	156	128	172	124	123	80	93	89	46
Temporary resident	672	632	708	780	724	902	860	1,023	1,093	1,052	1,069
History of science	11	18	23	16	9	14	18	14	19	15	18
U.S. citizen and permanent resident	8	17	18	13	7	13	16	10	14	13	17
Hispanic or Latino <sup>a</sup>	0	1	0	1	1	0	3	1	1	1	0
Non-Hispanic or Latino	8	16	18	12	6	13	13	9	13	12	17

TABLE 6-4

## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
American Indian or Alaska Native	0	0	0	0	0	0	0	0	1	1	0
Asian	na	na	na	na	na	1	1	1	1	2	0
Asian or Pacific Islander <sup>b</sup>	0	1	0	1	0	na	na	na	na	na	na
Black or African American	1	1	0	1	0	0	0	1	1	1	1
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	0	0	0	0	0
White	7	14	18	10	5	10	11	5	9	7	12
More than one race <sup>c</sup>	na	na	na	na	na	0	0	0	1	0	2
Other or unknown race and ethnicity	0	0	0	0	1	2	1	2	0	1	2
Temporary resident	3	1	5	3	2	1	2	4	5	2	1
Linguistics	450	408	398	503	477	482	508	492	441	524	499
U.S. citizen and permanent resident	327	274	280	374	343	348	366	370	324	344	371
Hispanic or Latino <sup>a</sup>	29	27	24	30	19	32	40	35	41	31	41
Non-Hispanic or Latino	298	247	256	344	324	316	326	335	283	313	330
American Indian or Alaska Native	1	1	1	2	14	4	3	4	4	1	7
Asian	na	na	na	na	na	27	33	36	27	20	36
Asian or Pacific Islander <sup>b</sup>	31	24	23	34	28	na	na	na	na	na	na
Black or African American	10	12	4	12	15	13	13	9	11	18	15
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	0	1	0	0	0
White	224	187	193	253	230	236	239	236	208	239	233
More than one race <sup>c</sup>	na	na	na	na	na	5	10	9	9	11	16
Other or unknown race and ethnicity	32	23	35	43	37	31	28	40	24	24	23
Temporary resident	123	134	118	129	134	134	142	122	117	180	128
Political science and public administration	10,223	10,316	11,239	11,596	12,533	13,548	14,912	15,406	15,206	14,936	14,817
U.S. citizen and permanent resident	9,057	9,162	10,044	10,313	11,290	12,153	13,487	13,774	13,440	13,130	12,948
Hispanic or Latino <sup>a</sup>	673	739	749	776	960	970	1,165	1,197	1,348	1,368	1,336
Non-Hispanic or Latino	8,384	8,423	9,295	9,537	10,330	11,183	12,322	12,577	12,092	11,762	11,612
American Indian or Alaska Native	69	88	82	85	91	81	86	86	106	88	95
Asian	na	na	na	na	na	695	706	707	695	655	671
Asian or Pacific Islander <sup>b</sup>	515	549	620	574	701	na	na	na	na	na	na
Black or African American	1,671	1,689	1,857	2,021	2,314	2,483	2,836	3,179	3,039	3,078	2,959
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	39	31	40	37	39	37
White	5,138	5,143	5,501	5,527	5,754	6,124	6,699	6,652	6,518	6,211	6,063
More than one race <sup>c</sup>	na	na	na	na	na	155	268	294	364	377	373
Other or unknown race and ethnicity	991	954	1,235	1,330	1,470	1,606	1,696	1,619	1,333	1,314	1,414
Temporary resident	1,166	1,154	1,195	1,283	1,243	1,395	1,425	1,632	1,766	1,806	1,869
Sociology	1,110	1,090	1,059	1,065	977	1,073	1,177	1,107	1,124	986	901
U.S. citizen and permanent resident	1,004	987	978	958	879	974	1,072	981	1,021	882	800
Hispanic or Latino <sup>a</sup>	83	76	72	81	75	101	125	117	137	138	113
Non-Hispanic or Latino	921	911	906	877	804	873	947	864	884	744	687



TABLE 6-4

## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
American Indian or Alaska Native	9	6	9	6	7	5	10	5	3	3	3
Asian	na	na	na	na	na	54	51	52	40	41	30
Asian or Pacific Islander <sup>b</sup>	45	47	47	48	39	na	na	na	na	na	na
Black or African American	153	134	150	141	154	139	148	158	179	141	109
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	1	1	1	0	0
White	639	642	610	593	525	567	634	576	576	485	490
More than one race <sup>c</sup>	na	na	na	na	na	21	31	35	38	32	27
Other or unknown race and ethnicity	75	82	90	89	79	87	72	37	47	42	28
Temporary resident	106	103	81	107	98	99	105	126	103	104	101
Other	2,186	2,095	2,180	2,400	2,885	2,733	2,850	3,055	3,023	3,035	3,047
U.S. citizen and permanent resident	2,016	1,929	2,013	2,207	2,659	2,517	2,622	2,798	2,762	2,750	2,746
Hispanic or Latino <sup>a</sup>	141	138	138	146	184	214	221	227	251	279	281
Non-Hispanic or Latino	1,875	1,791	1,875	2,061	2,475	2,303	2,401	2,571	2,511	2,471	2,465
American Indian or Alaska Native	14	9	10	10	25	20	8	9	8	9	12
Asian	na	na	na	na	na	113	125	118	117	105	123
Asian or Pacific Islander <sup>b</sup>	93	100	85	103	119	na	na	na	na	na	na
Black or African American	348	302	313	327	487	376	387	475	516	514	511
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	6	3	4	4	5	6
White	1,244	1,227	1,300	1,399	1,560	1,533	1,603	1,688	1,599	1,571	1,550
More than one race <sup>c</sup>	na	na	na	na	na	45	68	51	88	77	72
Other or unknown race and ethnicity	176	153	167	222	284	210	207	226	179	190	191
Temporary resident	170	166	167	193	226	216	228	257	261	285	301
Engineering	7,479	6,979	7,637	8,239	8,402	9,339	9,899	10,297	10,988	12,282	13,789
U.S. citizen and permanent resident	4,353	4,249	4,491	4,663	4,631	5,262	5,527	5,672	5,686	5,785	5,892
Hispanic or Latino <sup>a</sup>	281	326	348	360	366	431	520	538	575	555	573
Non-Hispanic or Latino	4,072	3,923	4,143	4,303	4,265	4,831	5,007	5,134	5,111	5,230	5,319
American Indian or Alaska Native	20	20	24	19	26	15	29	23	11	18	21
Asian	na	na	na	na	na	1,159	1,016	1,069	1,005	1,023	1,073
Asian or Pacific Islander <sup>b</sup>	946	996	1,025	1,069	1,005	na	na	na	na	na	na
Black or African American	279	302	295	304	334	364	377	349	338	370	357
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	3	9	8	7	8	6
White	2,458	2,252	2,376	2,401	2,409	2,798	3,032	3,122	3,125	3,275	3,252
More than one race <sup>c</sup>	na	na	na	na	na	61	125	117	147	164	195
Other or unknown race and ethnicity	369	353	423	510	491	431	419	446	478	372	415
Temporary resident	3,126	2,730	3,146	3,576	3,771	4,077	4,372	4,625	5,302	6,497	7,897
Aerospace engineering	155	170	172	169	157	196	191	190	207	178	240
U.S. citizen and permanent resident	115	132	144	131	121	138	144	142	165	134	166
Hispanic or Latino <sup>a</sup>	3	7	5	5	8	7	10	16	15	16	12
Non-Hispanic or Latino	112	125	139	126	113	131	134	126	150	118	154

TABLE 6-4

## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
American Indian or Alaska Native	0	1	1	2	3	0	0	0	0	0	1
Asian	na	na	na	na	na	14	18	15	20	14	18
Asian or Pacific Islander <sup>b</sup>	19	15	14	11	16	na	na	na	na	na	na
Black or African American	3	8	3	4	8	4	3	3	5	2	5
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	0	1	1	0	0
White	81	91	113	102	76	102	100	98	109	91	117
More than one race <sup>c</sup>	na	na	na	na	na	2	7	1	8	5	6
Other or unknown race and ethnicity	9	10	8	7	10	9	6	8	7	6	7
Temporary resident	40	38	28	38	36	58	47	48	42	44	74
Chemical engineering	386	376	353	398	435	506	595	613	617	675	698
U.S. citizen and permanent resident	216	214	186	215	210	233	250	250	249	290	284
Hispanic or Latino <sup>a</sup>	23	18	19	20	12	19	25	13	16	29	28
Non-Hispanic or Latino	193	196	167	195	198	214	225	237	233	261	256
American Indian or Alaska Native	0	2	1	0	1	1	1	0	0	1	0
Asian	na	na	na	na	na	47	51	53	56	62	68
Asian or Pacific Islander <sup>b</sup>	54	52	41	41	41	na	na	na	na	na	na
Black or African American	12	17	17	9	11	15	14	19	15	18	15
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	1	0	0	0	0
White	108	109	93	125	118	130	137	143	142	155	140
More than one race <sup>c</sup>	na	na	na	na	na	5	4	4	4	9	7
Other or unknown race and ethnicity	19	16	15	20	27	16	17	18	16	16	26
Temporary resident	170	162	167	183	225	273	345	363	368	385	414
Civil engineering	1,346	1,215	1,236	1,356	1,409	1,649	1,854	1,983	1,996	1,966	2,127
U.S. citizen and permanent resident	923	875	896	953	975	1,173	1,296	1,343	1,332	1,212	1,274
Hispanic or Latino <sup>a</sup>	54	65	72	72	84	103	152	137	157	132	141
Non-Hispanic or Latino	869	810	824	881	891	1,070	1,144	1,206	1,175	1,080	1,133
American Indian or Alaska Native	4	5	7	4	3	4	6	3	4	4	6
Asian	na	na	na	na	na	174	156	167	166	128	147
Asian or Pacific Islander <sup>b</sup>	111	109	118	132	127	na	na	na	na	na	na
Black or African American	28	45	48	38	48	55	47	56	37	32	72
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	2	3	1	4	3
White	649	587	581	593	620	745	838	832	829	798	799
More than one race <sup>c</sup>	na	na	na	na	na	15	32	34	43	35	41
Other or unknown race and ethnicity	77	64	70	114	93	77	63	111	95	79	65
Temporary resident	423	340	340	403	434	476	558	640	664	754	853
Electrical engineering	2,213	2,014	2,350	2,500	2,410	2,481	2,514	2,481	2,844	3,745	4,546
U.S. citizen and permanent resident	830	829	897	889	805	840	753	725	785	751	794
Hispanic or Latino <sup>a</sup>	42	54	47	49	42	43	46	38	45	61	63
Non-Hispanic or Latino	788	775	850	840	763	797	707	687	740	690	731

TABLE 6-4

## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
American Indian or Alaska Native	5	0	3	2	6	2	2	2	0	2	2
Asian	na	na	na	na	na	391	315	319	298	303	316
Asian or Pacific Islander <sup>b</sup>	364	394	428	464	389	na	na	na	na	na	na
Black or African American	49	60	49	52	46	56	48	30	53	42	55
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	1	0	1	1	0	1
White	270	237	271	237	222	256	268	254	268	281	278
More than one race <sup>c</sup>	na	na	na	na	na	8	13	9	11	18	20
Other or unknown race and ethnicity	100	84	99	85	100	83	61	72	109	44	59
Temporary resident	1,383	1,185	1,453	1,611	1,605	1,641	1,761	1,756	2,059	2,994	3,752
Industrial engineering	918	877	925	1,066	1,181	1,345	1,439	1,401	1,511	1,561	1,687
U.S. citizen and permanent resident	597	587	551	630	668	769	821	804	806	812	722
Hispanic or Latino <sup>a</sup>	84	86	90	109	98	112	126	140	142	120	102
Non-Hispanic or Latino	513	501	461	521	570	657	695	664	664	692	620
American Indian or Alaska Native	1	4	8	5	4	3	10	4	4	4	1
Asian	na	na	na	na	na	116	102	113	91	90	82
Asian or Pacific Islander <sup>b</sup>	91	95	77	81	86	na	na	na	na	na	na
Black or African American	72	59	62	67	71	93	95	90	77	95	71
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	1	0	1	1	1
White	310	288	267	295	327	357	395	381	393	436	384
More than one race <sup>c</sup>	na	na	na	na	na	9	14	12	19	18	21
Other or unknown race and ethnicity	39	55	47	73	82	79	78	64	79	48	60
Temporary resident	321	290	374	436	513	576	618	597	705	749	965
Materials engineering	200	209	219	242	225	244	321	335	348	346	387
U.S. citizen and permanent resident	126	111	130	127	124	133	174	177	169	161	172
Hispanic or Latino <sup>a</sup>	5	6	10	7	10	12	18	16	17	10	13
Non-Hispanic or Latino	121	105	120	120	114	121	156	161	152	151	159
American Indian or Alaska Native	0	0	0	0	1	0	2	2	0	1	0
Asian	na	na	na	na	na	28	23	40	36	29	33
Asian or Pacific Islander <sup>b</sup>	19	19	23	23	22	na	na	na	na	na	na
Black or African American	4	3	6	8	7	5	8	4	12	6	11
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	0	1	0	0	0
White	88	77	80	81	71	78	107	104	95	101	100
More than one race <sup>c</sup>	na	na	na	na	na	0	5	4	5	6	8
Other or unknown race and ethnicity	10	6	11	8	13	10	11	6	4	8	7
Temporary resident	74	98	89	115	101	111	147	158	179	185	215
Mechanical engineering	633	583	660	699	693	788	751	831	960	1,075	1,127
U.S. citizen and permanent resident	417	400	444	453	454	517	475	543	575	637	617
Hispanic or Latino <sup>a</sup>	29	28	33	34	34	34	41	49	63	59	62
Non-Hispanic or Latino	388	372	411	419	420	483	434	494	512	578	555

TABLE 6-4

## Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

Field, citizenship, ethnicity, and race	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
American Indian or Alaska Native	2	4	1	3	3	1	3	2	2	1	1
Asian	na	na	na	na	na	86	64	81	75	98	93
Asian or Pacific Islander <sup>b</sup>	61	71	71	72	80	na	na	na	na	na	na
Black or African American	16	18	12	20	20	26	23	21	15	25	21
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	0	0	0	0	1	1
White	267	241	281	278	281	336	303	354	370	376	363
More than one race <sup>c</sup>	na	na	na	na	na	5	11	14	15	19	31
Other or unknown race and ethnicity	42	38	46	46	36	29	30	22	35	58	45
Temporary resident	216	183	216	246	239	271	276	288	385	438	510
Other	1,628	1,535	1,722	1,809	1,892	2,130	2,234	2,463	2,505	2,736	2,977
U.S. citizen and permanent resident	1,129	1,101	1,243	1,265	1,274	1,459	1,614	1,688	1,605	1,788	1,863
Hispanic or Latino <sup>a</sup>	41	62	72	64	78	101	102	129	120	128	152
Non-Hispanic or Latino	1,088	1,039	1,171	1,201	1,196	1,358	1,512	1,559	1,485	1,660	1,711
American Indian or Alaska Native	8	4	3	3	5	4	5	10	1	5	10
Asian	na	na	na	na	na	303	287	281	263	299	316
Asian or Pacific Islander <sup>b</sup>	227	241	253	245	244	na	na	na	na	na	na
Black or African American	95	92	98	106	123	110	139	126	124	150	107
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	2	5	2	3	2	0
White	685	622	690	690	694	794	884	956	919	1,037	1,071
More than one race <sup>c</sup>	na	na	na	na	na	17	39	39	42	54	61
Other or unknown race and ethnicity	73	80	127	157	130	128	153	145	133	113	146
Temporary resident	499	434	479	544	618	671	620	775	900	948	1,114
Non-S&E	305,197	315,652	325,146	340,967	357,698	374,952	382,223	377,394	376,469	374,024	381,074
U.S. citizen and permanent resident	285,088	296,077	304,714	319,237	335,005	351,158	356,861	350,635	346,099	342,362	347,795
Hispanic or Latino <sup>a</sup>	19,265	20,730	21,249	22,803	23,772	25,485	27,286	28,476	29,998	31,668	34,002
Non-Hispanic or Latino	265,823	275,347	283,465	296,434	311,233	325,673	329,575	322,159	316,101	310,694	313,793
American Indian or Alaska Native	1,717	1,771	1,886	1,830	1,869	1,959	1,794	1,847	1,746	1,695	1,789
Asian	na	na	na	na	na	15,808	16,586	16,480	16,692	17,151	17,683
Asian or Pacific Islander <sup>b</sup>	12,592	13,601	13,829	14,830	16,026	na	na	na	na	na	na
Black or African American	32,748	34,575	35,603	38,325	40,958	43,485	45,895	47,451	48,145	47,427	48,340
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	657	822	891	933	783	807
White	191,307	194,390	198,059	204,989	212,212	222,501	223,512	219,779	213,866	209,389	209,847
More than one race <sup>c</sup>	na	na	na	na	na	2,992	4,483	5,335	6,258	6,797	7,860
Other or unknown race and ethnicity	27,459	31,010	34,088	36,460	40,168	38,271	36,483	30,376	28,461	27,452	27,467
Temporary resident	20,109	19,575	20,432	21,730	22,693	23,794	25,362	26,759	30,370	31,662	33,279

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

S&amp;E = science and engineering.

<sup>a</sup> Beginning in 2008, the category includes Hispanic or Latino of one or more races.

TABLE 6-4

Master's degrees awarded to women, by field, citizenship, ethnicity, and race: 2006–16

(Number)

<sup>b</sup> Pacific Islander includes Native Hawaiian or Other Pacific Islander. Prior to the 2011 collection cycle, the Asian or Pacific Islander category included Asians, Native Hawaiians, and Pacific Islanders.

<sup>c</sup> 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 individuals who were already in the system. Therefore, the number reported for more than one race for the early years following 2011 is likely to be an undercount. Prior to the 2011 collection cycle, more than one race was reported under Other or unknown race or ethnicity.

**Note(s)**

Race and ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial and ethnic groups. Starting with 2011, data reflects the Office of Management and Budget's latest race and ethnicity categories. 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.