

TABLE 9. Master's degrees awarded to women, by field, citizenship, and race/ethnicity of recipients: 1995–2004

Field	1995	1996	1997	1998	2000	2001	2002	2003	2004
All fields	220,230	228,572	239,497	246,810	265,026	273,639	283,035	300,845	328,202
Science and engineering	35,791	37,453	38,262	38,583	41,470	43,393	43,472	46,599	51,615
Science	31,159	32,701	33,567	33,420	36,130	37,765	37,898	40,415	44,480
Agricultural sciences	1,471	1,707	1,695	1,709	1,819	1,837	1,997	2,059	2,256
Biological sciences	2,858	3,341	3,518	3,354	3,510	3,755	3,669	3,906	4,430
Computer sciences	2,786	2,850	2,979	3,414	4,868	5,508	5,499	6,091	6,195
Earth, atmospheric, and ocean sciences	451	436	487	494	513	564	572	612	701
Mathematical sciences	1,579	1,506	1,489	1,470	1,498	1,389	1,471	1,677	1,950
Physical sciences	1,283	1,450	1,333	1,440	1,215	1,301	1,326	1,324	1,513
Astronomy	31	27	32	30	25	36	27	42	53
Chemistry	885	998	927	998	823	825	852	829	950
Physics	291	301	255	255	244	286	286	313	413
Other physical sciences	76	124	119	157	123	154	161	140	97
Psychology	9,397	9,373	9,918	9,540	10,293	10,858	10,672	11,100	11,950
Social sciences	11,334	12,038	12,148	11,999	12,414	12,553	12,692	13,646	15,485
Engineering	4,632	4,752	4,695	5,163	5,340	5,628	5,574	6,184	7,135
Chemical engineering	306	306	332	344	344	352	335	343	417
Civil engineering	1,045	1,064	1,099	1,154	1,075	1,061	1,063	1,148	1,211
Electrical engineering	1,204	1,196	1,144	1,376	1,558	1,673	1,561	1,902	2,385
Mechanical engineering	450	454	419	461	455	448	468	459	563
Other engineering	1,627	1,732	1,701	1,828	1,908	2,094	2,147	2,332	2,559
Non-science and engineering	184,439	191,119	201,235	208,227	223,556	230,246	239,563	254,246	276,587
Education	81,433	84,940	88,365	92,120	100,467	104,324	110,609	121,554	132,723
Health	22,689	24,591	26,295	28,283	29,672	30,215	29,802	28,309	29,661
Humanities	15,363	15,121	15,218	15,481	15,048	15,076	15,378	16,101	17,090
Professional/other/unknown	64,954	66,467	71,357	72,343	78,369	80,631	83,774	88,282	97,113
U.S. citizens and permanent residents, all fields ^a	202,633	210,372	220,221	226,085	242,244	248,590	256,938	272,030	298,321
Science and engineering	30,119	31,300	31,983	31,669	33,169	34,334	34,383	36,154	40,289
Science	26,822	27,940	28,737	28,229	29,856	30,961	30,941	32,618	36,311
Agricultural sciences	1,239	1,447	1,448	1,466	1,601	1,611	1,751	1,804	1,932
Biological sciences	2,426	2,810	3,010	2,850	3,051	3,248	3,177	3,347	3,783
Computer sciences	1,807	1,853	1,867	2,020	2,546	2,774	2,871	3,124	3,461
Earth, atmospheric, and ocean sciences	367	374	421	443	456	495	497	544	603
Mathematical sciences	1,205	1,147	1,142	1,100	1,011	888	936	966	1,103
Physical sciences	835	964	894	972	832	893	913	944	1,021
Astronomy	26	23	28	27	20	28	21	33	38
Chemistry	558	631	602	646	551	559	567	593	635
Physics	179	195	158	151	151	163	173	181	260
Other physical sciences	72	115	106	148	110	143	152	137	88
Psychology	9,069	9,070	9,641	9,193	9,947	10,521	10,325	10,585	11,488
Social sciences	9,874	10,275	10,314	10,185	10,412	10,531	10,471	11,304	12,920
Engineering	3,297	3,360	3,246	3,440	3,313	3,373	3,442	3,536	3,978
Chemical engineering	171	202	200	219	201	208	192	190	219
Civil engineering	815	836	877	898	819	787	758	787	835
Electrical engineering	705	691	614	688	690	642	715	720	874
Mechanical engineering	338	341	321	345	299	311	323	287	364
Other engineering	1,268	1,290	1,234	1,290	1,304	1,425	1,454	1,552	1,686
Non-science and engineering	172,514	179,072	188,238	194,416	209,075	214,256	222,555	235,876	258,032
Education	79,009	82,472	85,915	89,471	97,847	101,512	107,481	118,329	129,399
Health	21,823	23,821	25,444	27,451	28,742	29,101	28,723	27,223	28,388
Humanities	13,631	13,444	13,341	13,458	12,983	12,806	13,123	13,646	14,670
Professional/other/unknown	58,051	59,335	63,538	64,036	69,503	70,837	73,228	76,678	85,575

TABLE 9. Master's degrees awarded to women, by field, citizenship, and race/ethnicity of recipients: 1995–2004

Field	1995	1996	1997	1998	2000	2001	2002	2003	2004
Asian/Pacific Islander, all fields	7,521	8,404	9,327	10,298	11,307	11,802	12,292	13,251	14,639
Science and engineering	2,115	2,428	2,575	2,678	3,045	3,033	3,001	3,304	3,732
Science	1,566	1,807	2,014	2,050	2,385	2,406	2,425	2,637	2,929
Agricultural sciences	53	61	72	40	58	63	84	63	68
Biological sciences	210	286	324	294	304	305	304	357	426
Computer sciences	460	473	530	629	860	860	812	877	939
Earth, atmospheric, and ocean sciences	14	13	15	18	10	12	16	15	20
Mathematical sciences	104	101	116	105	94	104	99	107	147
Physical sciences	87	123	125	110	98	94	98	100	84
Astronomy	2	2	0	1	2	2	2	2	4
Chemistry	65	103	106	93	79	77	71	79	57
Physics	20	16	17	11	12	10	17	13	22
Other physical sciences	0	2	2	5	5	5	8	6	1
Psychology	213	244	279	289	365	372	411	418	446
Social sciences	425	506	553	565	596	596	601	700	799
Engineering	549	621	561	628	660	627	576	667	803
Chemical engineering	23	28	28	42	34	46	38	32	50
Civil engineering	107	117	123	105	99	84	76	90	97
Electrical engineering	214	224	195	264	277	239	210	263	349
Mechanical engineering	42	59	50	50	42	46	56	47	52
Other engineering	163	193	165	167	208	212	196	235	255
Non-science and engineering	5,406	5,976	6,752	7,620	8,262	8,769	9,291	9,947	10,907
Education	1,327	1,429	1,616	1,762	2,083	2,276	2,467	2,739	3,136
Health	879	1,027	988	1,433	1,585	1,670	1,772	1,804	1,796
Humanities	510	528	577	691	659	678	640	666	759
Professional/other/unknown	2,690	2,992	3,571	3,734	3,935	4,145	4,412	4,738	5,216
Underrepresented minorities, all fields	24,417	26,940	29,545	31,289	37,116	40,029	42,249	46,102	52,696
Science and engineering	3,802	4,100	4,563	4,685	5,320	6,229	6,190	6,740	7,772
Science	3,465	3,717	4,155	4,255	4,896	5,745	5,656	6,219	7,151
Agricultural sciences	82	87	102	125	126	132	141	165	171
Biological sciences	214	239	285	229	308	403	361	356	466
Computer sciences	215	259	250	242	354	494	412	573	638
Earth, atmospheric, and ocean sciences	23	16	16	18	19	35	28	21	33
Mathematical sciences	110	105	102	122	97	83	95	94	104
Physical sciences	87	92	112	120	94	102	123	117	125
Astronomy	2	1	3	0	0	0	0	3	1
Chemistry	62	63	79	84	72	76	86	88	93
Physics	16	18	23	16	15	17	28	17	22
Other physical sciences	7	10	7	20	7	9	9	9	9
Psychology	1,103	1,198	1,395	1,420	1,696	2,075	2,072	2,266	2,512
Social sciences	1,631	1,721	1,893	1,979	2,202	2,421	2,424	2,627	3,102
Engineering	337	383	408	430	424	484	534	521	621
Chemical engineering	18	30	42	37	31	35	31	35	30
Civil engineering	67	88	77	89	97	94	102	97	94
Electrical engineering	79	79	72	83	75	77	99	83	136
Mechanical engineering	34	32	41	45	31	48	30	39	48
Other engineering	139	154	176	176	190	230	272	267	313
Non-science and engineering	20,615	22,840	24,982	26,604	31,796	33,800	36,059	39,362	44,924
Education	9,982	10,848	11,969	12,735	15,299	15,648	16,911	18,541	21,352
Health	1,935	2,295	2,289	2,802	2,958	3,475	3,551	3,763	4,146
Humanities	1,122	1,185	1,198	1,295	1,356	1,356	1,417	1,606	1,661
Professional/other/unknown	7,576	8,512	9,526	9,772	12,183	13,321	14,180	15,452	17,765

TABLE 9. Master's degrees awarded to women, by field, citizenship, and race/ethnicity of recipients: 1995–2004

Field	1995	1996	1997	1998	2000	2001	2002	2003	2004
American Indian/Alaskan Native, all fields	919	1,028	1,147	1,212	1,321	1,446	1,502	1,648	1,841
Science and engineering	150	154	174	190	190	255	219	231	310
Science	147	149	167	182	174	238	202	217	283
Agricultural sciences	3	8	8	8	5	7	7	13	14
Biological sciences	9	8	14	12	12	14	20	13	24
Computer sciences	5	7	9	3	10	29	13	20	22
Earth, atmospheric, and ocean sciences	4	1	3	5	2	7	3	5	5
Mathematical sciences	6	1	6	6	4	3	1	4	3
Physical sciences	4	3	2	6	3	4	6	7	4
Astronomy	0	0	0	0	0	0	0	0	0
Chemistry	4	2	1	5	3	4	6	5	2
Physics	0	1	1	1	0	0	0	1	2
Other physical sciences	0	0	0	0	0	0	0	1	0
Psychology	51	56	63	76	54	77	68	73	83
Social sciences	65	65	62	66	84	97	84	82	128
Engineering	3	5	7	8	16	17	17	14	27
Chemical engineering	0	0	0	0	1	1	1	0	0
Civil engineering	1	0	1	2	4	2	6	3	4
Electrical engineering	0	1	0	2	1	3	3	3	3
Mechanical engineering	1	1	0	2	0	2	2	3	5
Other engineering	1	3	6	2	10	9	5	5	15
Non-science and engineering	769	874	973	1,022	1,131	1,191	1,283	1,417	1,531
Education	375	434	453	473	554	611	684	696	735
Health	94	103	121	127	144	135	126	153	161
Humanities	54	60	64	73	63	61	57	70	94
Professional/other/unknown	246	277	335	349	370	384	416	498	541
Black, non-Hispanic, all fields	15,318	16,590	18,504	19,509	22,996	24,658	26,011	28,314	31,789
Science and engineering	2,319	2,520	2,887	2,828	3,294	3,855	3,855	4,243	4,807
Science	2,118	2,310	2,662	2,584	3,087	3,609	3,590	3,962	4,523
Agricultural sciences	39	39	40	59	47	51	49	65	59
Biological sciences	113	122	167	122	150	221	200	186	269
Computer sciences	159	201	182	162	255	309	294	364	405
Earth, atmospheric, and ocean sciences	7	5	5	5	5	10	6	9	12
Mathematical sciences	82	71	79	77	52	48	64	49	52
Physical sciences	54	52	65	60	54	59	65	52	67
Astronomy	2	1	1	0	0	0	0	1	0
Chemistry	36	35	45	37	40	42	47	40	54
Physics	11	12	13	10	9	13	12	9	10
Other physical sciences	5	4	6	13	5	4	6	2	3
Psychology	598	647	814	766	1,035	1,297	1,288	1,457	1,566
Social sciences	1,066	1,173	1,310	1,333	1,489	1,614	1,624	1,780	2,093
Engineering	201	210	225	244	207	246	265	281	284
Chemical engineering	10	16	23	19	15	19	12	20	14
Civil engineering	34	42	40	45	34	41	38	43	29
Electrical engineering	52	48	47	53	40	49	50	45	58
Mechanical engineering	20	17	21	28	19	26	17	19	19
Other engineering	85	87	94	99	99	111	148	154	164
Non-science and engineering	12,999	14,070	15,617	16,681	19,702	20,803	22,156	24,071	26,982
Education	6,332	6,596	7,487	7,978	9,277	9,249	9,901	10,769	11,931
Health	1,114	1,332	1,371	1,698	1,775	2,122	2,187	2,326	2,572

TABLE 9. Master's degrees awarded to women, by field, citizenship, and race/ethnicity of recipients: 1995–2004

Field	1995	1996	1997	1998	2000	2001	2002	2003	2004
Humanities	550	558	582	617	648	691	678	789	752
Professional/other/unknown	5,003	5,584	6,177	6,388	8,002	8,741	9,390	10,187	11,727
Hispanic, all fields	8,180	9,322	9,894	10,568	12,799	13,925	14,736	16,140	19,066
Science and engineering	1,333	1,426	1,502	1,667	1,836	2,119	2,116	2,266	2,655
Science	1,200	1,258	1,326	1,489	1,635	1,898	1,864	2,040	2,345
Agricultural sciences	40	40	54	58	74	74	85	87	98
Biological sciences	92	109	104	95	146	168	141	157	173
Computer sciences	51	51	59	77	89	156	105	189	211
Earth, atmospheric, and ocean sciences	12	10	8	8	12	18	19	7	16
Mathematical sciences	22	33	17	39	41	32	30	41	49
Physical sciences	29	37	45	54	37	39	52	58	54
Astronomy	0	0	2	0	0	0	0	2	1
Chemistry	22	26	33	42	29	30	33	43	37
Physics	5	5	9	5	6	4	16	7	10
Other physical sciences	2	6	1	7	2	5	3	6	6
Psychology	454	495	518	578	607	701	716	736	863
Social sciences	500	483	521	580	629	710	716	765	881
Engineering	133	168	176	178	201	221	252	226	310
Chemical engineering	8	14	19	18	15	15	18	15	16
Civil engineering	32	46	36	42	59	51	58	51	61
Electrical engineering	27	30	25	28	34	25	46	35	75
Mechanical engineering	13	14	20	15	12	20	11	17	24
Other engineering	53	64	76	75	81	110	119	108	134
Non-science and engineering	6,847	7,896	8,392	8,901	10,963	11,806	12,620	13,874	16,411
Education	3,275	3,818	4,029	4,284	5,468	5,788	6,326	7,076	8,686
Health	727	860	797	977	1,039	1,218	1,238	1,284	1,413
Humanities	518	567	552	605	645	604	682	747	815
Professional/other/unknown	2,327	2,651	3,014	3,035	3,811	4,196	4,374	4,767	5,497
White, non-Hispanic, all fields	160,782	165,154	170,411	173,498	179,311	179,684	182,078	188,555	201,469
Science and engineering	22,680	23,175	23,213	22,717	22,749	22,792	22,558	23,279	25,509
Science	20,440	20,985	21,108	20,496	20,712	20,751	20,462	21,208	23,247
Agricultural sciences	1,017	1,238	1,211	1,251	1,350	1,328	1,453	1,483	1,580
Biological sciences	1,889	2,165	2,275	2,196	2,278	2,381	2,324	2,414	2,672
Computer sciences	1,033	1,015	965	1,027	1,162	1,163	1,255	1,308	1,396
Earth, atmospheric, and ocean sciences	314	331	378	391	410	422	439	473	521
Mathematical sciences	942	864	860	815	753	652	683	713	775
Physical sciences	609	707	623	694	597	645	628	673	738
Astronomy	21	19	25	25	17	22	16	23	24
Chemistry	396	439	391	431	367	375	366	396	442
Physics	133	150	112	117	117	126	114	134	196
Other physical sciences	59	99	95	121	96	122	132	120	76
Psychology	7,405	7,181	7,557	7,049	7,240	7,343	7,019	7,097	7,670
Social sciences	7,231	7,484	7,239	7,073	6,922	6,817	6,661	7,047	7,895
Engineering	2,240	2,190	2,105	2,221	2,037	2,041	2,096	2,071	2,262
Chemical engineering	117	136	123	131	127	113	107	113	125
Civil engineering	619	605	648	672	593	564	545	543	584
Electrical engineering	356	340	307	299	285	276	314	289	313
Mechanical engineering	250	233	214	235	204	199	217	183	239
Other engineering	898	876	813	884	828	889	913	943	1,001
Non-science and engineering	138,102	141,979	147,198	150,781	156,562	156,892	159,520	165,276	175,960
Education	64,057	66,590	68,403	70,849	74,814	76,702	79,680	85,879	91,844

TABLE 9. Master's degrees awarded to women, by field, citizenship, and race/ethnicity of recipients: 1995–2004

Field	1995	1996	1997	1998	2000	2001	2002	2003	2004
Health	18,116	19,647	21,046	22,090	22,936	22,532	21,638	20,056	20,476
Humanities	11,211	10,992	10,771	10,758	10,026	9,812	9,949	10,146	10,957
Professional/other/unknown	44,718	44,750	46,978	47,084	48,786	47,846	48,253	49,195	52,683
U.S. citizens and permanent residents, unknown race/ethnicity, all fields	9,913	9,874	10,938	11,000	14,510	17,075	20,319	24,122	29,517
Science and engineering	1,522	1,597	1,632	1,589	2,055	2,280	2,634	2,831	3,276
Science	1,351	1,431	1,460	1,428	1,863	2,059	2,398	2,554	2,984
Agricultural sciences	87	61	63	50	67	88	73	93	113
Biological sciences	113	120	126	131	161	159	188	220	219
Computer sciences	99	106	122	122	170	257	392	366	488
Earth, atmospheric, and ocean sciences	16	14	12	16	17	26	14	35	29
Mathematical sciences	49	77	64	58	67	49	59	52	77
Physical sciences	52	42	34	48	43	52	64	54	74
Astronomy	1	1	0	1	1	4	3	5	9
Chemistry	35	26	26	38	33	31	44	30	43
Physics	10	11	6	7	7	10	14	17	20
Other physical sciences	6	4	2	2	2	7	3	2	2
Psychology	348	447	410	435	646	731	823	804	860
Social sciences	587	564	629	568	692	697	785	930	1,124
Engineering	171	166	172	161	192	221	236	277	292
Chemical engineering	13	8	7	9	9	14	16	10	14
Civil engineering	22	26	29	32	30	45	35	57	60
Electrical engineering	56	48	40	42	53	50	92	85	76
Mechanical engineering	12	17	16	15	22	18	20	18	25
Other engineering	68	67	80	63	78	94	73	107	117
Non-science and engineering	8,391	8,277	9,306	9,411	12,455	14,795	17,685	21,291	26,241
Education	3,643	3,605	3,927	4,125	5,651	6,886	8,423	11,170	13,067
Health	893	852	1,121	1,126	1,263	1,424	1,762	1,600	1,970
Humanities	788	739	795	714	942	960	1,117	1,228	1,293
Professional/other/unknown	3,067	3,081	3,463	3,446	4,599	5,525	6,383	7,293	9,911
Nonresident aliens, all fields ^b	17,597	18,200	19,276	20,725	22,782	25,049	26,097	28,815	29,881
Science and engineering	5,672	6,153	6,279	6,914	8,301	9,059	9,089	10,445	11,326
Science	4,337	4,761	4,830	5,191	6,274	6,804	6,957	7,797	8,169
Agricultural sciences	232	260	247	243	218	226	246	255	324
Biological sciences	432	531	508	504	459	507	492	559	647
Computer sciences	979	997	1,112	1,394	2,322	2,734	2,628	2,967	2,734
Earth, atmospheric, and ocean sciences	84	62	66	51	57	69	75	68	98
Mathematical sciences	374	359	347	370	487	501	535	711	847
Physical sciences	448	486	439	468	383	408	413	380	492
Astronomy	5	4	4	3	5	8	6	9	15
Chemistry	327	367	325	352	272	266	285	236	315
Physics	112	106	97	104	93	123	113	132	153
Other physical sciences	4	9	13	9	13	11	9	3	9
Psychology	328	303	277	347	346	337	347	515	462
Social sciences	1,460	1,763	1,834	1,814	2,002	2,022	2,221	2,342	2,565
Engineering	1,335	1,392	1,449	1,723	2,027	2,255	2,132	2,648	3,157
Chemical engineering	135	104	132	125	143	144	143	153	198
Civil engineering	230	228	222	256	256	274	305	361	376
Electrical engineering	499	505	530	688	868	1,031	846	1,182	1,511
Mechanical engineering	112	113	98	116	156	137	145	172	199
Other engineering	359	442	467	538	604	669	693	780	873
Non-science and engineering	11,925	12,047	12,997	13,811	14,481	15,990	17,008	18,370	18,555

TABLE 9. Master's degrees awarded to women, by field, citizenship, and race/ethnicity of recipients: 1995–2004

Field	1995	1996	1997	1998	2000	2001	2002	2003	2004
Education	2,424	2,468	2,450	2,649	2,620	2,812	3,128	3,225	3,324
Health	866	770	851	832	930	1,114	1,079	1,086	1,273
Humanities	1,732	1,677	1,877	2,023	2,065	2,270	2,255	2,455	2,420
Professional/other/unknown	6,903	7,132	7,819	8,307	8,866	9,794	10,546	11,604	11,538

^a Race/ethnicity categories are as designated on survey form. These categories include U.S. citizens and foreign citizens on permanent visas (i.e., resident aliens who have been admitted for permanent residency).

^b Nonresident aliens include foreign citizens on temporary visas only. No race/ethnicity data are collected for this group.

NOTES: Detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999. See appendix B for specific fields included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.