

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1997–2006

Field, citizenship, and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
All fields	239,497	246,810	265,026	273,639	283,035	300,845	328,202	337,818	351,877
S&E	38,262	38,583	41,470	43,393	43,472	46,711	51,672	53,051	54,075
Sciences	33,567	33,420	36,130	37,765	37,898	40,527	44,537	45,444	46,563
Agricultural sciences	1,695	1,709	1,819	1,837	1,997	2,059	2,256	2,220	2,148
Biological sciences	3,518	3,354	3,510	3,755	3,669	4,018	4,487	4,870	5,075
Computer sciences	2,979	3,414	4,868	5,508	5,499	6,091	6,195	5,078	4,437
Earth, atmospheric, and ocean sciences	487	494	513	564	572	612	701	712	768
Atmospheric sciences	42	52	37	40	46	55	67	70	76
Earth sciences	393	397	434	472	473	501	566	577	612
Ocean sciences	52	45	42	52	53	56	68	65	80
Mathematics and statistics	1,489	1,470	1,498	1,389	1,471	1,677	1,950	2,011	2,085
Physical sciences	1,333	1,440	1,215	1,301	1,326	1,324	1,513	1,529	1,627
Astronomy	32	30	25	36	27	42	53	62	66
Chemistry	927	998	823	825	852	829	950	939	1,024
Physics	255	255	244	286	286	313	413	427	441
Other	119	157	123	154	161	140	97	101	96
Psychology	9,918	9,540	10,293	10,858	10,672	11,100	11,950	12,632	13,237
Social sciences	12,148	11,999	12,414	12,553	12,692	13,646	15,485	16,392	17,186
Anthropology	712	686	587	689	642	655	721	737	761
Area and ethnic studies	845	842	879	896	879	888	961	988	1,230
Economics	953	944	952	973	1,050	1,161	1,252	1,391	1,321
History of science	7	7	6	10	17	10	14	12	11
Linguistics	418	389	407	380	360	380	410	433	450
Political science and public administration	6,691	6,566	6,720	6,841	6,978	7,723	8,828	9,756	10,119
Sociology	1,142	1,118	1,387	1,258	1,315	1,296	1,358	1,033	1,110
Other	1,380	1,447	1,476	1,506	1,451	1,533	1,941	2,042	2,184
Engineering	4,695	5,163	5,340	5,628	5,574	6,184	7,135	7,607	7,512
Aerospace engineering	75	81	76	90	125	107	149	164	167
Chemical engineering	332	344	344	352	335	343	417	425	386
Civil engineering	1,099	1,154	1,075	1,061	1,063	1,148	1,211	1,322	1,347
Electrical engineering	1,144	1,376	1,558	1,673	1,561	1,902	2,385	2,470	2,215
Industrial engineering	604	676	648	789	795	844	906	919	921
Materials engineering	174	170	201	173	171	183	199	204	201
Mechanical engineering	419	461	455	448	468	459	563	598	635
Other	848	901	983	1,042	1,056	1,198	1,305	1,505	1,640
Non-S&E	201,235	208,227	223,556	230,246	239,563	254,134	276,530	284,767	297,802
U.S. citizen/permanent resident									
All fields	220,221	226,085	242,244	248,590	256,938	272,030	298,321	307,845	322,079
S&E	31,983	31,669	33,169	34,334	34,383	36,238	40,335	42,036	43,742
Sciences	28,737	28,229	29,856	30,961	30,941	32,702	36,357	37,743	39,356
Agricultural sciences	1,448	1,466	1,601	1,611	1,751	1,804	1,932	1,931	1,895
Biological sciences	3,010	2,850	3,051	3,248	3,177	3,431	3,829	4,125	4,269
Computer sciences	1,867	2,020	2,546	2,774	2,871	3,124	3,461	2,853	2,601
Earth, atmospheric, and ocean sciences	421	443	456	495	497	544	603	614	671
Atmospheric sciences	32	37	22	28	33	38	50	52	61
Earth sciences	341	364	396	420	419	453	496	506	538
Ocean sciences	48	42	38	47	45	53	57	56	72
Mathematics and statistics	1,142	1,100	1,011	888	936	966	1,103	1,211	1,342
Physical sciences	894	972	832	893	913	944	1,021	1,058	1,084
Astronomy	28	27	20	28	21	33	38	55	58
Chemistry	602	646	551	559	567	593	635	639	664

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1997–2006

Field, citizenship, and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
Physics	158	151	151	163	173	181	260	272	276
Other	106	148	110	143	152	137	88	92	86
Psychology	9,641	9,193	9,947	10,521	10,325	10,585	11,488	12,147	12,762
Social sciences	10,314	10,185	10,412	10,531	10,471	11,304	12,920	13,804	14,732
Anthropology	658	634	530	628	582	615	652	694	706
Area and ethnic studies	731	734	736	756	728	738	812	834	1,070
Economics	486	454	439	434	458	497	557	676	649
History of science	7	6	4	7	16	8	11	8	8
Linguistics	312	293	273	272	244	255	282	299	327
Political science and public administration	5,817	5,687	5,837	5,925	5,975	6,640	7,623	8,499	8,954
Sociology	1,035	1,044	1,252	1,165	1,180	1,162	1,211	920	1,004
Other	1,268	1,333	1,341	1,344	1,288	1,389	1,772	1,874	2,014
Engineering	3,246	3,440	3,313	3,373	3,442	3,536	3,978	4,293	4,386
Aerospace engineering	60	58	51	60	78	67	114	119	127
Chemical engineering	200	219	201	208	192	190	219	226	216
Civil engineering	877	898	819	787	758	787	835	914	924
Electrical engineering	614	688	690	642	715	720	874	868	832
Industrial engineering	431	470	402	507	501	519	580	614	600
Materials engineering	113	110	130	105	110	106	115	128	127
Mechanical engineering	321	345	299	311	323	287	364	389	419
Other	630	652	721	753	765	860	877	1,035	1,141
Non-S&E	188,238	194,416	209,075	214,256	222,555	235,792	257,986	265,809	278,337
White									
All fields	170,411	173,498	179,311	179,684	182,078	188,555	201,469	207,943	215,429
S&E	23,213	22,717	22,749	22,792	22,558	23,336	25,546	26,385	27,336
Sciences	21,108	20,496	20,712	20,751	20,462	21,265	23,284	23,993	24,872
Agricultural sciences	1,211	1,251	1,350	1,328	1,453	1,483	1,580	1,542	1,508
Biological sciences	2,275	2,196	2,278	2,381	2,324	2,471	2,709	2,889	2,995
Computer sciences	965	1,027	1,162	1,163	1,255	1,308	1,396	1,254	1,162
Earth, atmospheric, and ocean sciences	378	391	410	422	439	473	521	523	563
Atmospheric sciences	25	27	20	23	27	33	43	46	52
Earth sciences	309	329	355	365	371	394	429	426	450
Ocean sciences	44	35	35	34	41	46	49	51	61
Mathematics and statistics	860	815	753	652	683	713	775	829	910
Physical sciences	623	694	597	645	628	673	738	763	768
Astronomy	25	25	17	22	16	23	24	44	50
Chemistry	391	431	367	375	366	396	442	432	432
Physics	112	117	117	126	114	134	196	206	207
Other	95	121	96	122	132	120	76	81	79
Psychology	7,557	7,049	7,240	7,343	7,019	7,097	7,670	7,920	8,336
Social sciences	7,239	7,073	6,922	6,817	6,661	7,047	7,895	8,273	8,630
Anthropology	553	523	413	493	438	472	491	520	525
Area and ethnic studies	508	507	490	451	424	387	481	448	540
Economics	332	318	289	314	324	285	324	389	367
History of science	5	6	4	7	10	4	7	6	7
Linguistics	232	217	210	194	188	186	205	206	224
Political science and public administration	3,893	3,745	3,702	3,620	3,588	3,963	4,456	4,921	5,086
Sociology	757	753	851	788	800	794	790	586	639
Other	959	1,004	963	950	889	956	1,141	1,197	1,242
Engineering	2,105	2,221	2,037	2,041	2,096	2,071	2,262	2,392	2,464
Aerospace engineering	42	46	39	39	59	58	83	92	83
Chemical engineering	123	131	127	113	107	113	125	124	108
Civil engineering	648	672	593	564	545	543	584	614	649
Electrical engineering	307	299	285	276	314	289	313	278	269

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1997–2006

Field, citizenship, and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
Industrial engineering	280	310	233	284	282	281	323	296	311
Materials engineering	74	75	89	75	74	72	69	81	88
Mechanical engineering	214	235	204	199	217	183	239	267	268
Other	417	453	467	491	498	532	526	640	688
Non-S&E	147,198	150,781	156,562	156,892	159,520	165,219	175,923	181,558	188,093
Asian/Pacific Islander									
All fields	9,327	10,298	11,307	11,802	12,292	13,251	14,639	15,713	16,031
S&E	2,575	2,678	3,045	3,033	3,001	3,318	3,735	3,948	3,819
Sciences	2,014	2,050	2,385	2,406	2,425	2,651	2,932	3,030	2,872
Agricultural sciences	72	40	58	63	84	63	68	76	51
Biological sciences	324	294	304	305	304	371	429	438	474
Computer sciences	530	629	860	860	812	877	939	830	635
Earth, atmospheric, and ocean sciences	15	18	10	12	16	15	20	17	16
Atmospheric sciences	2	6	2	1	4	1	2	2	2
Earth sciences	12	9	8	8	10	12	15	14	13
Ocean sciences	1	3	0	3	2	2	3	1	1
Mathematics and statistics	116	105	94	104	99	107	147	174	190
Physical sciences	125	110	98	94	98	100	84	106	105
Astronomy	0	1	2	2	2	2	4	4	1
Chemistry	106	93	79	77	71	79	57	77	82
Physics	17	11	12	10	17	13	22	20	21
Other	2	5	5	5	8	6	1	5	1
Psychology	279	289	365	372	411	418	446	455	506
Social sciences	553	565	596	596	601	700	799	934	895
Anthropology	15	23	28	29	28	25	33	30	27
Area and ethnic studies	56	54	53	62	56	74	61	80	87
Economics	69	49	67	40	51	71	71	103	97
History of science	0	0	0	0	2	2	3	0	0
Linguistics	27	33	31	34	21	26	27	31	31
Political science and public administration	278	309	304	327	328	374	443	548	515
Sociology	48	44	45	41	60	72	83	54	45
Other	60	53	68	63	55	56	78	88	93
Engineering	561	628	660	627	576	667	803	918	947
Aerospace engineering	7	4	7	8	6	3	11	10	19
Chemical engineering	28	42	34	46	38	32	50	31	54
Civil engineering	123	105	99	84	76	90	97	119	111
Electrical engineering	195	264	277	239	210	263	349	394	364
Industrial engineering	43	39	45	66	56	73	73	118	91
Materials engineering	20	21	21	17	16	21	24	18	19
Mechanical engineering	50	50	42	46	56	47	52	55	62
Other	95	103	135	121	118	138	147	173	227
Non-S&E	6,752	7,620	8,262	8,769	9,291	9,933	10,904	11,765	12,212
Black									
All fields	18,504	19,509	22,996	24,658	26,011	28,314	31,789	33,687	36,117
S&E	2,887	2,828	3,294	3,855	3,855	4,247	4,808	4,916	5,059
Sciences	2,662	2,584	3,087	3,609	3,590	3,966	4,524	4,634	4,779
Agricultural sciences	40	59	47	51	49	65	59	59	61
Biological sciences	167	122	150	221	200	190	270	279	279
Computer sciences	182	162	255	309	294	364	405	288	315
Earth, atmospheric, and ocean sciences	5	5	5	10	6	9	12	7	21
Atmospheric sciences	1	1	0	1	0	0	2	1	6

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1997–2006

Field, citizenship, and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
Earth sciences	4	4	4	8	6	9	8	5	13
Ocean sciences	0	0	1	1	0	0	2	1	2
Mathematics and statistics	79	77	52	48	64	49	52	60	78
Physical sciences	65	60	54	59	65	52	67	54	72
Astronomy	1	0	0	0	0	1	0	2	3
Chemistry	45	37	40	42	47	40	54	38	49
Physics	13	10	9	13	12	9	10	11	17
Other	6	13	5	4	6	2	3	3	3
Psychology	814	766	1,035	1,297	1,288	1,457	1,566	1,760	1,643
Social sciences	1,310	1,333	1,489	1,614	1,624	1,780	2,093	2,127	2,310
Anthropology	19	19	24	31	24	27	23	25	22
Area and ethnic studies	68	62	57	61	76	83	83	87	93
Economics	36	39	23	25	28	28	34	35	38
History of science	1	0	0	0	1	0	0	0	1
Linguistics	9	11	3	7	4	5	2	6	10
Political science and public administration	882	903	988	1,128	1,131	1,264	1,447	1,509	1,645
Sociology	154	142	234	193	188	173	203	150	153
Other	141	157	160	169	172	200	301	315	348
Engineering	225	244	207	246	265	281	284	282	280
Aerospace engineering	0	1	0	2	0	0	1	2	3
Chemical engineering	23	19	15	19	12	20	14	24	12
Civil engineering	40	45	34	41	38	43	29	37	28
Electrical engineering	47	53	40	49	50	45	58	46	49
Industrial engineering	39	48	41	50	64	71	66	66	72
Materials engineering	5	7	6	2	12	7	11	9	4
Mechanical engineering	21	28	19	26	17	19	19	15	16
Other	50	43	52	57	72	76	86	83	96
Non-S&E	15,617	16,681	19,702	20,803	22,156	24,067	26,981	28,771	31,058
Hispanic									
All fields	9,894	10,568	12,799	13,925	14,736	16,140	19,066	20,841	21,983
S&E	1,502	1,667	1,836	2,119	2,116	2,269	2,659	2,839	3,069
Sciences	1,326	1,489	1,635	1,898	1,864	2,043	2,349	2,524	2,788
Agricultural sciences	54	58	74	74	85	87	98	107	120
Biological sciences	104	95	146	168	141	160	177	229	204
Computer sciences	59	77	89	156	105	189	211	127	139
Earth, atmospheric, and ocean sciences	8	8	12	18	19	7	16	26	28
Atmospheric sciences	2	1	0	0	1	1	1	1	0
Earth sciences	5	6	10	15	17	4	15	24	27
Ocean sciences	1	1	2	3	1	2	0	1	1
Mathematics and statistics	17	39	41	32	30	41	49	60	58
Physical sciences	45	54	37	39	52	58	54	56	76
Astronomy	2	0	0	0	0	2	1	1	3
Chemistry	33	42	29	30	33	43	37	39	62
Physics	9	5	6	4	16	7	10	13	11
Other	1	7	2	5	3	6	6	3	0
Psychology	518	578	607	701	716	736	863	951	1,044
Social sciences	521	580	629	710	716	765	881	968	1,119
Anthropology	27	34	21	27	39	28	37	39	38
Area and ethnic studies	43	50	62	67	60	83	75	85	124
Economics	20	17	23	23	19	28	26	38	33
History of science	0	0	0	0	0	0	0	0	0
Linguistics	19	16	15	21	14	18	19	23	29
Political science and public administration	336	337	383	426	423	463	535	596	671

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1997–2006

Field, citizenship, and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
Sociology	42	60	69	84	84	74	83	69	83
Other	34	66	56	62	77	71	106	118	141
Engineering	176	178	201	221	252	226	310	315	281
Aerospace engineering	4	5	2	3	7	2	8	7	3
Chemical engineering	19	18	15	15	18	15	16	19	23
Civil engineering	36	42	59	51	58	51	61	73	54
Electrical engineering	25	28	34	25	46	35	75	53	42
Industrial engineering	32	42	46	68	70	57	78	84	84
Materials engineering	10	5	6	3	4	1	6	14	5
Mechanical engineering	20	15	12	20	11	17	24	25	29
Other	30	23	27	36	38	48	42	40	41
Non-S&E	8,392	8,901	10,963	11,806	12,620	13,871	16,407	18,002	18,914
American Indian/Alaska Native									
All fields	1,147	1,212	1,321	1,446	1,502	1,648	1,841	1,899	1,977
S&E	174	190	190	255	219	231	310	268	315
Sciences	167	182	174	238	202	217	283	243	295
Agricultural sciences	8	8	5	7	7	13	14	16	17
Biological sciences	14	12	12	14	20	13	24	18	30
Computer sciences	9	3	10	29	13	20	22	17	13
Earth, atmospheric, and ocean sciences	3	5	2	7	3	5	5	6	2
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	3	3	2	5	3	5	5	6	2
Ocean sciences	0	2	0	2	0	0	0	0	0
Mathematics and statistics	6	6	4	3	1	4	3	6	4
Physical sciences	2	6	3	4	6	7	4	5	5
Astronomy	0	0	0	0	0	0	0	1	0
Chemistry	1	5	3	4	6	5	2	3	3
Physics	1	1	0	0	0	1	2	1	0
Other	0	0	0	0	0	1	0	0	2
Psychology	63	76	54	77	68	73	83	87	97
Social sciences	62	66	84	97	84	82	128	88	127
Anthropology	5	8	10	7	4	5	15	8	14
Area and ethnic studies	15	9	8	14	15	22	15	15	20
Economics	4	3	2	2	4	2	3	3	0
History of science	0	0	0	0	1	0	0	0	0
Linguistics	1	2	1	1	2	1	2	5	1
Political science and public administration	20	26	33	44	40	37	69	47	69
Sociology	10	12	23	18	12	10	13	4	9
Other	7	6	7	11	6	5	11	6	14
Engineering	7	8	16	17	17	14	27	25	20
Aerospace engineering	0	0	0	0	2	0	4	0	0
Chemical engineering	0	0	1	1	1	0	0	2	0
Civil engineering	1	2	4	2	6	3	4	5	4
Electrical engineering	0	2	1	3	3	3	3	3	5
Industrial engineering	2	1	3	5	1	1	6	7	1
Materials engineering	0	0	2	1	0	0	0	0	0
Mechanical engineering	0	2	0	2	2	3	5	1	2
Other	4	1	5	3	2	4	5	7	8
Non-S&E	973	1,022	1,131	1,191	1,283	1,417	1,531	1,631	1,662
Other or unknown race/ethnicity									
All fields	10,938	11,000	14,510	17,075	20,319	24,122	29,517	27,762	30,542
S&E	1,632	1,589	2,055	2,280	2,634	2,837	3,277	3,680	4,144

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1997–2006

Field, citizenship, and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
Sciences	1,460	1,428	1,863	2,059	2,398	2,560	2,985	3,319	3,750
Agricultural sciences	63	50	67	88	73	93	113	131	138
Biological sciences	126	131	161	159	188	226	220	272	287
Computer sciences	122	122	170	257	392	366	488	337	337
Earth, atmospheric, and ocean sciences	12	16	17	26	14	35	29	35	41
Atmospheric sciences	2	2	0	3	1	3	2	2	1
Earth sciences	8	13	17	19	12	29	24	31	33
Ocean sciences	2	1	0	4	1	3	3	2	7
Mathematics and statistics	64	58	67	49	59	52	77	82	102
Physical sciences	34	48	43	52	64	54	74	74	58
Astronomy	0	1	1	4	3	5	9	3	1
Chemistry	26	38	33	31	44	30	43	50	36
Physics	6	7	7	10	14	17	20	21	20
Other	2	2	2	7	3	2	2	0	1
Psychology	410	435	646	731	823	804	860	974	1,136
Social sciences	629	568	692	697	785	930	1,124	1,414	1,651
Anthropology	39	27	34	41	49	58	53	72	80
Area and ethnic studies	41	52	66	101	97	89	97	119	206
Economics	25	28	35	30	32	83	99	108	114
History of science	1	0	0	0	2	2	1	2	0
Linguistics	24	14	13	15	15	19	27	28	32
Political science and public administration	408	367	427	380	465	539	673	878	968
Sociology	24	33	30	41	36	39	39	57	75
Other	67	47	87	89	89	101	135	150	176
Engineering	172	161	192	221	236	277	292	361	394
Aerospace engineering	7	2	3	8	4	4	7	8	19
Chemical engineering	7	9	9	14	16	10	14	26	19
Civil engineering	29	32	30	45	35	57	60	66	78
Electrical engineering	40	42	53	50	92	85	76	94	103
Industrial engineering	35	30	34	34	28	36	34	43	41
Materials engineering	4	2	6	7	4	5	5	6	11
Mechanical engineering	16	15	22	18	20	18	25	26	42
Other	34	29	35	45	37	62	71	92	81
Non-S&E	9,306	9,411	12,455	14,795	17,685	21,285	26,240	24,082	26,398
Temporary resident									
All fields	19,276	20,725	22,782	25,049	26,097	28,815	29,881	29,973	29,798
S&E	6,279	6,914	8,301	9,059	9,089	10,473	11,337	11,015	10,333
Sciences	4,830	5,191	6,274	6,804	6,957	7,825	8,180	7,701	7,207
Agricultural sciences	247	243	218	226	246	255	324	289	253
Biological sciences	508	504	459	507	492	587	658	745	806
Computer sciences	1,112	1,394	2,322	2,734	2,628	2,967	2,734	2,225	1,836
Earth, atmospheric, and ocean sciences	66	51	57	69	75	68	98	98	97
Atmospheric sciences	10	15	15	12	13	17	17	18	15
Earth sciences	52	33	38	52	54	48	70	71	74
Ocean sciences	4	3	4	5	8	3	11	9	8
Mathematics and statistics	347	370	487	501	535	711	847	800	743
Physical sciences	439	468	383	408	413	380	492	471	543
Astronomy	4	3	5	8	6	9	15	7	8
Chemistry	325	352	272	266	285	236	315	300	360
Physics	97	104	93	123	113	132	153	155	165
Other	13	9	13	11	9	3	9	9	10
Psychology	277	347	346	337	347	515	462	485	475

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1997–2006

Field, citizenship, and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
Social sciences	1,834	1,814	2,002	2,022	2,221	2,342	2,565	2,588	2,454
Anthropology	54	52	57	61	60	40	69	43	55
Area and ethnic studies	114	108	143	140	151	150	149	154	160
Economics	467	490	513	539	592	664	695	715	672
History of science	0	1	2	3	1	2	3	4	3
Linguistics	106	96	134	108	116	125	128	134	123
Political science and public administration	874	879	883	916	1,003	1,083	1,205	1,257	1,165
Sociology	107	74	135	93	135	134	147	113	106
Other	112	114	135	162	163	144	169	168	170
Engineering	1,449	1,723	2,027	2,255	2,132	2,648	3,157	3,314	3,126
Aerospace engineering	15	23	25	30	47	40	35	45	40
Chemical engineering	132	125	143	144	143	153	198	199	170
Civil engineering	222	256	256	274	305	361	376	408	423
Electrical engineering	530	688	868	1,031	846	1,182	1,511	1,602	1,383
Industrial engineering	173	206	246	282	294	325	326	305	321
Materials engineering	61	60	71	68	61	77	84	76	74
Mechanical engineering	98	116	156	137	145	172	199	209	216
Other	218	249	262	289	291	338	428	470	499
Non-S&E	12,997	13,811	14,481	15,990	17,008	18,342	18,544	18,958	19,465

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1997–2006.