

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1995–2004

Field, citizenship, and race/ethnicity	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
S&E	35,791	37,453	38,262	38,583	41,470	43,393	43,472	46,414	51,420
Sciences	31,159	32,701	33,567	33,420	36,130	37,765	37,898	40,230	44,285
Agricultural sciences	1,471	1,707	1,695	1,709	1,819	1,837	1,997	1,908	2,128
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
Atmospheric sciences	51	35	42	52	37	40	46	55	67
Earth sciences	353	347	393	397	434	472	473	501	566
Ocean sciences	47	54	52	45	42	52	53	56	68
Mathematics and statistics	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	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	13,612	15,418
Anthropology	668	631	712	686	587	689	642	655	721
Area and ethnic studies	818	856	845	842	879	896	879	888	961
Economics	894	1,002	953	944	952	973	1,050	1,161	1,252
History of science	4	4	7	7	6	10	17	10	14
Linguistics	416	393	418	389	407	380	360	380	410
Political science and public administration	6,124	6,654	6,691	6,566	6,720	6,841	6,978	7,689	8,761
Sociology	1,112	1,180	1,142	1,118	1,387	1,258	1,315	1,296	1,358
Other	1,298	1,318	1,380	1,447	1,476	1,506	1,451	1,533	1,941
Engineering	4,632	4,752	4,695	5,163	5,340	5,628	5,574	6,184	7,135
Aerospace engineering	99	92	75	81	76	90	125	107	149
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
Industrial engineering	512	624	604	676	648	789	795	844	906
Materials engineering	184	175	174	170	201	173	171	183	199
Mechanical engineering	450	454	419	461	455	448	468	459	563
Other	832	841	848	901	983	1,042	1,056	1,198	1,305
Non-S&E	184,439	191,119	201,235	208,227	223,556	230,246	239,563	254,431	276,782
U.S. citizen/permanent resident									
All fields	202,633	210,372	220,221	226,085	242,244	248,590	256,938	272,030	298,321
S&E	30,119	31,300	31,983	31,669	33,169	34,334	34,383	35,977	40,105
Sciences	26,822	27,940	28,737	28,229	29,856	30,961	30,941	32,441	36,127
Agricultural sciences	1,239	1,447	1,448	1,466	1,601	1,611	1,751	1,661	1,813
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
Atmospheric sciences	25	20	32	37	22	28	33	38	50
Earth sciences	304	311	341	364	396	420	419	453	496
Ocean sciences	38	43	48	42	38	47	45	53	57
Mathematics and statistics	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

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1995–2004

Field, citizenship, and race/ethnicity	1995	1996	1997	1998	2000	2001	2002	2003	2004
Physics	179	195	158	151	151	163	173	181	260
Other	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	11,270	12,855
Anthropology	625	573	658	634	530	628	582	615	652
Area and ethnic studies	719	779	731	734	736	756	728	738	812
Economics	532	518	486	454	439	434	458	497	557
History of science	4	4	7	6	4	7	16	8	11
Linguistics	283	284	312	293	273	272	244	255	282
Political science and public administration	5,496	5,812	5,817	5,687	5,837	5,925	5,975	6,606	7,558
Sociology	1,024	1,075	1,035	1,044	1,252	1,165	1,180	1,162	1,211
Other	1,191	1,230	1,268	1,333	1,341	1,344	1,288	1,389	1,772
Engineering	3,297	3,360	3,246	3,440	3,313	3,373	3,442	3,536	3,978
Aerospace engineering	79	72	60	58	51	60	78	67	114
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
Industrial engineering	396	445	431	470	402	507	501	519	580
Materials engineering	126	118	113	110	130	105	110	106	115
Mechanical engineering	338	341	321	345	299	311	323	287	364
Other	667	655	630	652	721	753	765	860	877
Non-S&E	172,514	179,072	188,238	194,416	209,075	214,256	222,555	236,053	258,216
White									
All fields	160,782	165,154	170,411	173,498	179,311	179,684	182,078	188,555	201,469
S&E	22,680	23,175	23,213	22,717	22,749	22,792	22,558	23,124	25,366
Sciences	20,440	20,985	21,108	20,496	20,712	20,751	20,462	21,053	23,104
Agricultural sciences	1,017	1,238	1,211	1,251	1,350	1,328	1,453	1,352	1,482
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
Atmospheric sciences	25	19	25	27	20	23	27	33	43
Earth sciences	258	275	309	329	355	365	371	394	429
Ocean sciences	31	37	44	35	35	34	41	46	49
Mathematics and statistics	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	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	7,023	7,850
Anthropology	507	471	553	523	413	493	438	472	491
Area and ethnic studies	499	535	508	507	490	451	424	387	481
Economics	379	379	332	318	289	314	324	285	324
History of science	2	4	5	6	4	7	10	4	7
Linguistics	216	224	232	217	210	194	188	186	205
Political science and public administration	3,941	4,144	3,893	3,745	3,702	3,620	3,588	3,939	4,411
Sociology	743	772	757	753	851	788	800	794	790
Other	944	955	959	1,004	963	950	889	956	1,141
Engineering	2,240	2,190	2,105	2,221	2,037	2,041	2,096	2,071	2,262
Aerospace engineering	55	52	42	46	39	39	59	58	83
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

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1995–2004

Field, citizenship, and race/ethnicity	1995	1996	1997	1998	2000	2001	2002	2003	2004
Industrial engineering	263	303	280	310	233	284	282	281	323
Materials engineering	96	85	74	75	89	75	74	72	69
Mechanical engineering	250	233	214	235	204	199	217	183	239
Other	484	436	417	453	467	491	498	532	526
Non-S&E	138,102	141,979	147,198	150,781	156,562	156,892	159,520	165,431	176,103
Asian/Pacific Islander									
All fields	7,521	8,404	9,327	10,298	11,307	11,802	12,292	13,251	14,639
S&E	2,115	2,428	2,575	2,678	3,045	3,033	3,001	3,299	3,731
Sciences	1,566	1,807	2,014	2,050	2,385	2,406	2,425	2,632	2,928
Agricultural sciences	53	61	72	40	58	63	84	59	67
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
Atmospheric sciences	0	1	2	6	2	1	4	1	2
Earth sciences	10	10	12	9	8	8	10	12	15
Ocean sciences	4	2	1	3	0	3	2	2	3
Mathematics and statistics	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	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	699	799
Anthropology	19	18	15	23	28	29	28	25	33
Area and ethnic studies	43	51	56	54	53	62	56	74	61
Economics	60	53	69	49	67	40	51	71	71
History of science	0	0	0	0	0	0	2	2	3
Linguistics	32	29	27	33	31	34	21	26	27
Political science and public administration	195	275	278	309	304	327	328	373	443
Sociology	48	36	48	44	45	41	60	72	83
Other	28	44	60	53	68	63	55	56	78
Engineering	549	621	561	628	660	627	576	667	803
Aerospace engineering	9	7	7	4	7	8	6	3	11
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
Industrial engineering	50	42	43	39	45	66	56	73	73
Materials engineering	19	18	20	21	21	17	16	21	24
Mechanical engineering	42	59	50	50	42	46	56	47	52
Other	85	126	95	103	135	121	118	138	147
Non-S&E	5,406	5,976	6,752	7,620	8,262	8,769	9,291	9,952	10,908
Black									
All fields	15,318	16,590	18,504	19,509	22,996	24,658	26,011	28,314	31,789
S&E	2,319	2,520	2,887	2,828	3,294	3,855	3,855	4,233	4,794
Sciences	2,118	2,310	2,662	2,584	3,087	3,609	3,590	3,952	4,510
Agricultural sciences	39	39	40	59	47	51	49	62	54
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
Atmospheric sciences	0	0	1	1	0	1	0	0	2

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1995–2004

Field, citizenship, and race/ethnicity	1995	1996	1997	1998	2000	2001	2002	2003	2004
Earth sciences	7	4	4	4	4	8	6	9	8
Ocean sciences	0	1	0	0	1	1	0	0	2
Mathematics and statistics	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	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	1,773	2,085
Anthropology	22	16	19	19	24	31	24	27	23
Area and ethnic studies	62	66	68	62	57	61	76	83	83
Economics	35	39	36	39	23	25	28	28	34
History of science	1	0	1	0	0	0	1	0	0
Linguistics	9	4	9	11	3	7	4	5	2
Political science and public administration	680	739	882	903	988	1,128	1,131	1,257	1,439
Sociology	142	171	154	142	234	193	188	173	203
Other	115	138	141	157	160	169	172	200	301
Engineering	201	210	225	244	207	246	265	281	284
Aerospace engineering	2	1	0	1	0	2	0	0	1
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
Industrial engineering	37	43	39	48	41	50	64	71	66
Materials engineering	5	5	5	7	6	2	12	7	11
Mechanical engineering	20	17	21	28	19	26	17	19	19
Other	41	38	50	43	52	57	72	76	86
Non-S&E	12,999	14,070	15,617	16,681	19,702	20,803	22,156	24,081	26,995
Hispanic									
All fields	8,180	9,322	9,894	10,568	12,799	13,925	14,736	16,140	19,066
S&E	1,333	1,426	1,502	1,667	1,836	2,119	2,116	2,265	2,650
Sciences	1,200	1,258	1,326	1,489	1,635	1,898	1,864	2,039	2,340
Agricultural sciences	40	40	54	58	74	74	85	86	95
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
Atmospheric sciences	0	0	2	1	0	0	1	1	1
Earth sciences	12	9	5	6	10	15	17	4	15
Ocean sciences	0	1	1	1	2	3	1	2	0
Mathematics and statistics	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	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	879
Anthropology	27	23	27	34	21	27	39	28	37
Area and ethnic studies	44	46	43	50	62	67	60	83	75
Economics	21	18	20	17	23	23	19	28	26
History of science	0	0	0	0	0	0	0	0	0
Linguistics	10	16	19	16	15	21	14	18	19
Political science and public administration	310	291	336	337	383	426	423	463	533

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1995–2004

Field, citizenship, and race/ethnicity	1995	1996	1997	1998	2000	2001	2002	2003	2004
Sociology	51	49	42	60	69	84	84	74	83
Other	37	40	34	66	56	62	77	71	106
Engineering	133	168	176	178	201	221	252	226	310
Aerospace engineering	5	0	4	5	2	3	7	2	8
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
Industrial engineering	20	34	32	42	46	68	70	57	78
Materials engineering	0	9	10	5	6	3	4	1	6
Mechanical engineering	13	14	20	15	12	20	11	17	24
Other	28	21	30	23	27	36	38	48	42
Non-S&E	6,847	7,896	8,392	8,901	10,963	11,806	12,620	13,875	16,416
American Indian/Alaskan Native									
All fields	919	1,028	1,147	1,212	1,321	1,446	1,502	1,648	1,841
S&E	150	154	174	190	190	255	219	229	306
Sciences	147	149	167	182	174	238	202	215	279
Agricultural sciences	3	8	8	8	5	7	7	11	10
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
Atmospheric sciences									
Earth sciences	4	1	3	3	2	5	3	5	5
Ocean sciences	0	0	0	2	0	2	0	0	0
Mathematics and statistics	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	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
Anthropology	13	7	5	8	10	7	4	5	15
Area and ethnic studies	7	14	15	9	8	14	15	22	15
Economics	1	1	4	3	2	2	4	2	3
History of science	0	0	0	0	0	0	1	0	0
Linguistics	0	1	1	2	1	1	2	1	2
Political science and public administration	29	24	20	26	33	44	40	37	69
Sociology	9	15	10	12	23	18	12	10	13
Other	6	3	7	6	7	11	6	5	11
Engineering	3	5	7	8	16	17	17	14	27
Aerospace engineering	0	2	0	0	0	0	2	0	4
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
Industrial engineering	1	0	2	1	3	5	1	1	6
Materials engineering	0	0	0	0	2	1	0	0	0
Mechanical engineering	1	1	0	2	0	2	2	3	5
Other	0	1	4	1	5	3	2	4	5
Non-S&E	769	874	973	1,022	1,131	1,191	1,283	1,419	1,535
Other or unknown race/ethnicity									
All fields	9,913	9,874	10,938	11,000	14,510	17,075	20,319	24,122	29,517
S&E	1,522	1,597	1,632	1,589	2,055	2,280	2,634	2,827	3,258

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1995–2004

Field, citizenship, and race/ethnicity	1995	1996	1997	1998	2000	2001	2002	2003	2004
Sciences	1,351	1,431	1,460	1,428	1,863	2,059	2,398	2,550	2,966
Agricultural sciences	87	61	63	50	67	88	73	91	105
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
Atmospheric sciences	0	0	2	2	0	3	1	3	2
Earth sciences	13	12	8	13	17	19	12	29	24
Ocean sciences	3	2	2	1	0	4	1	3	3
Mathematics and statistics	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	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	928	1,114
Anthropology	37	38	39	27	34	41	49	58	53
Area and ethnic studies	64	67	41	52	66	101	97	89	97
Economics	36	28	25	28	35	30	32	83	99
History of science	1	0	1	0	0	0	2	2	1
Linguistics	16	10	24	14	13	15	15	19	27
Political science and public administration	341	339	408	367	427	380	465	537	663
Sociology	31	32	24	33	30	41	36	39	39
Other	61	50	67	47	87	89	89	101	135
Engineering	171	166	172	161	192	221	236	277	292
Aerospace engineering	8	10	7	2	3	8	4	4	7
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
Industrial engineering	25	23	35	30	34	34	28	36	34
Materials engineering	6	1	4	2	6	7	4	5	5
Mechanical engineering	12	17	16	15	22	18	20	18	25
Other	29	33	34	29	35	45	37	62	71
Non-S&E	8,391	8,277	9,306	9,411	12,455	14,795	17,685	21,295	26,259
Temporary resident									
All fields	17,597	18,200	19,276	20,725	22,782	25,049	26,097	28,815	29,881
S&E	5,672	6,153	6,279	6,914	8,301	9,059	9,089	10,437	11,315
Sciences	4,337	4,761	4,830	5,191	6,274	6,804	6,957	7,789	8,158
Agricultural sciences	232	260	247	243	218	226	246	247	315
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
Atmospheric sciences	26	15	10	15	15	12	13	17	17
Earth sciences	49	36	52	33	38	52	54	48	70
Ocean sciences	9	11	4	3	4	5	8	3	11
Mathematics and statistics	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	4	9	13	9	13	11	9	3	9
Psychology	328	303	277	347	346	337	347	515	462

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1995–2004

Field, citizenship, and race/ethnicity	1995	1996	1997	1998	2000	2001	2002	2003	2004
Social sciences	1,460	1,763	1,834	1,814	2,002	2,022	2,221	2,342	2,563
Anthropology	43	58	54	52	57	61	60	40	69
Area and ethnic studies	99	77	114	108	143	140	151	150	149
Economics	362	484	467	490	513	539	592	664	695
History of science	0	0	0	1	2	3	1	2	3
Linguistics	133	109	106	96	134	108	116	125	128
Political science and public administration	628	842	874	879	883	916	1,003	1,083	1,203
Sociology	88	105	107	74	135	93	135	134	147
Other	107	88	112	114	135	162	163	144	169
Engineering	1,335	1,392	1,449	1,723	2,027	2,255	2,132	2,648	3,157
Aerospace engineering	20	20	15	23	25	30	47	40	35
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
Industrial engineering	116	179	173	206	246	282	294	325	326
Materials engineering	58	57	61	60	71	68	61	77	84
Mechanical engineering	112	113	98	116	156	137	145	172	199
Other	165	186	218	249	262	289	291	338	428
Non-S&E	11,925	12,047	12,997	13,811	14,481	15,990	17,008	18,378	18,566

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data are 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, 1995–2004.