

**Table 12. Number of earned doctoral degrees, by field and by citizenship and race/ethnicity of female recipients: 1992-2001**

Field	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total										
Total, all fields .....	14,436	15,121	15,821	16,417	16,956	17,247	17,849	17,485	18,121	17,935
Science and engineering .....	7,080	7,652	7,921	8,286	8,649	8,935	9,348	9,086	9,391	9,319
Engineering .....	506	522	635	696	777	750	774	789	837	927
Sciences .....	6,574	7,130	7,286	7,590	7,872	8,185	8,574	8,297	8,554	8,392
Natural sciences .....	3,347	3,620	3,742	3,944	4,080	4,229	4,435	4,148	4,361	4,334
Physical science <sup>1</sup> .....	958	940	1,011	1,048	1,014	1,061	1,145	1,041	1,065	1,069
Mathematical science .....	205	264	236	265	231	263	297	277	259	276
Computer science .....	120	138	137	186	139	150	159	156	141	155
Biological science .....	1,831	2,050	2,109	2,217	2,415	2,495	2,536	2,394	2,622	2,547
Agricultural science .....	233	228	249	228	281	260	298	280	274	287
Social sciences .....	3,227	3,510	3,544	3,646	3,792	3,956	4,139	4,149	4,193	4,058
Social science .....	1,299	1,422	1,443	1,465	1,462	1,592	1,684	1,696	1,783	1,750
Psychology .....	1,928	2,088	2,101	2,181	2,330	2,364	2,455	2,453	2,410	2,308
Non-S&E <sup>2</sup> .....	7,356	7,469	7,900	8,131	8,307	8,312	8,501	8,399	8,730	8,616
U.S. citizens and permanent residents, total <sup>3</sup>										
Total, all fields .....	12,178	12,719	13,523	14,184	14,337	14,173	14,591	14,401	14,624	14,226
Science and engineering .....	5,577	6,024	6,494	6,913	6,965	6,989	7,171	7,072	7,129	6,907
Engineering .....	328	348	448	520	526	512	452	492	491	477
Sciences .....	5,249	5,676	6,046	6,393	6,439	6,477	6,719	6,580	6,638	6,430
Natural sciences .....	2,449	2,632	2,917	3,172	3,091	3,103	3,200	3,028	3,116	3,075
Physical science <sup>1</sup> .....	661	641	769	852	740	751	775	706	713	690
Mathematical science .....	117	164	151	183	145	177	198	192	164	154
Computer science .....	83	109	94	143	91	100	123	105	86	98
Biological science .....	1,438	1,584	1,743	1,859	1,941	1,920	1,921	1,864	1,987	1,969
Agricultural science .....	150	134	160	135	174	155	183	161	166	164
Social sciences .....	2,800	3,044	3,129	3,221	3,348	3,374	3,519	3,552	3,522	3,355
Social science .....	1,020	1,106	1,162	1,164	1,163	1,267	1,308	1,323	1,345	1,305
Psychology .....	1,780	1,938	1,967	2,057	2,185	2,107	2,211	2,229	2,177	2,050
Non-S&E <sup>2</sup> .....	6,601	6,695	7,029	7,271	7,372	7,184	7,420	7,329	7,495	7,319
White, non-Hispanics										
Total, all fields .....	10,343	10,696	11,027	11,170	11,446	10,963	11,388	11,217	11,392	10,996
Science and engineering .....	4,701	5,009	5,154	5,214	5,349	5,266	5,493	5,458	5,508	5,281
Engineering .....	240	260	305	321	348	332	307	352	334	318
Sciences .....	4,461	4,749	4,849	4,893	5,001	4,934	5,186	5,106	5,174	4,963
Natural sciences .....	2,043	2,131	2,191	2,233	2,239	2,258	2,399	2,280	2,393	2,335
Physical science <sup>1</sup> .....	531	498	531	555	539	541	589	523	559	535
Mathematical science .....	93	124	118	126	105	135	150	159	126	120
Computer science .....	69	83	75	103	61	66	84	71	62	60
Biological science .....	1,221	1,311	1,347	1,345	1,399	1,398	1,436	1,402	1,510	1,485
Agricultural science .....	129	115	120	104	135	118	140	125	136	135
Social sciences .....	2,418	2,618	2,658	2,660	2,762	2,676	2,787	2,826	2,781	2,628
Social science .....	861	909	957	918	927	986	1,024	1,037	1,057	1,000
Psychology .....	1,557	1,709	1,701	1,742	1,835	1,690	1,763	1,789	1,724	1,628
Non-S&E <sup>2</sup> .....	5,642	5,687	5,873	5,956	6,097	5,697	5,895	5,759	5,884	5,715

See explanatory information and SOURCE at end of table.

**Table 12. Number of earned doctoral degrees, by field and by citizenship and race/ethnicity of female recipients: 1992-2001**

Field	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Asians/Pacific Islanders										
Total, all fields .....	621	724	1,072	1,437	1,284	1,224	1,073	1,020	1,031	1,019
Science and engineering .....	412	529	817	1,111	974	889	760	715	679	692
Engineering .....	61	61	119	170	134	119	97	84	109	98
Sciences .....	351	468	698	941	840	770	663	631	570	594
Natural sciences .....	261	339	524	742	641	571	479	437	390	400
Physical science <sup>1</sup> .....	87	104	194	238	157	151	120	104	82	84
Mathematical science .....	18	36	26	49	36	28	27	20	21	16
Computer science .....	12	19	16	30	16	26	23	19	15	20
Biological science .....	132	171	268	409	403	348	291	276	263	271
Agricultural science .....	12	9	20	16	29	18	18	18	9	9
Social sciences .....	90	129	174	199	199	199	184	194	180	194
Social science .....	53	78	98	121	109	104	100	96	81	101
Psychology .....	37	51	76	78	90	95	84	98	99	93
Non-S&E <sup>2</sup> .....	209	195	255	326	310	335	313	305	352	327
Underrepresented minorities, total										
Total, all fields .....	1,087	1,214	1,309	1,439	1,439	1,500	1,722	1,925	1,897	1,839
Science and engineering .....	398	447	470	521	559	586	719	784	785	743
Engineering .....	24	23	21	26	36	49	39	49	41	49
Sciences .....	374	424	449	495	523	537	680	735	744	694
Natural sciences .....	120	143	177	168	171	184	251	257	271	265
Physical science <sup>1</sup> .....	35	34	38	48	34	33	52	66	56	55
Mathematical science .....	4	3	6	6	2	8	16	11	15	13
Computer science .....	2	6	3	8	12	4	9	13	8	14
Biological science .....	72	91	112	95	115	126	155	152	172	168
Agricultural science .....	7	9	18	11	8	13	19	15	20	15
Social sciences .....	254	281	272	327	352	353	429	478	473	429
Social science .....	92	112	97	112	109	123	144	162	159	164
Psychology .....	162	169	175	215	243	230	285	316	314	265
Non-S&E <sup>2</sup> .....	689	767	839	918	880	914	1,003	1,141	1,112	1,096
Black, non-Hispanics										
Total, all fields .....	593	699	725	849	808	838	993	1,062	1,106	1,056
Science and engineering .....	166	207	216	263	251	286	351	367	391	375
Engineering .....	6	11	13	15	19	23	22	24	24	25
Sciences .....	160	196	203	248	232	263	329	343	367	350
Natural sciences .....	35	51	70	72	60	81	122	123	119	129
Physical science <sup>1</sup> .....	7	10	14	18	15	12	33	34	25	22
Mathematical science .....	0	1	3	1	2	2	7	6	7	7
Computer science .....	1	4	2	4	3	1	8	9	5	10
Biological science .....	24	32	45	43	40	60	70	66	74	84
Agricultural science .....	3	4	6	6	0	6	4	8	8	6
Social sciences .....	125	145	133	176	172	182	207	220	248	221
Social science .....	50	71	55	66	58	71	92	85	104	97
Psychology .....	75	74	78	110	114	111	115	135	144	124
Non-S&E <sup>2</sup> .....	427	492	509	586	557	552	642	695	715	681

See explanatory information and SOURCE at end of table.

**Table 12. Number of earned doctoral degrees, by field and by citizenship and race/ethnicity of female recipients: 1992-2001**

Field	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Hispanics										
Total, all fields .....	427	455	512	522	546	574	644	745	698	701
Science and engineering .....	205	222	230	232	273	266	326	362	349	336
Engineering .....	15	12	6	11	15	23	13	23	13	22
Sciences .....	190	210	224	221	258	243	313	339	336	314
Natural sciences .....	77	87	100	87	95	98	117	117	140	126
Physical science <sup>1</sup> .....	26	22	23	27	18	20	17	26	28	31
Mathematical science .....	3	2	3	4	0	6	7	5	7	5
Computer science .....	1	1	0	4	7	2	1	3	3	4
Biological science .....	43	57	62	47	66	63	79	76	91	77
Agricultural science .....	4	5	12	5	4	7	13	7	11	9
Social sciences .....	113	123	124	134	163	145	196	222	196	188
Social science .....	35	37	34	37	43	38	44	64	45	59
Psychology .....	78	86	90	97	120	107	152	158	151	129
Non-S&E <sup>2</sup> .....	222	233	282	290	273	308	318	383	349	365
American Indians or Alaskan Natives										
Total, all fields .....	67	60	72	68	85	88	85	118	93	82
Science and engineering .....	27	18	24	26	35	34	42	55	45	32
Engineering .....	3	0	2	0	2	3	4	2	4	2
Sciences .....	24	18	22	26	33	31	38	53	41	30
Natural sciences .....	8	5	7	9	16	5	12	17	12	10
Physical science <sup>1</sup> .....	2	2	1	3	1	1	2	6	3	2
Mathematical science .....	1	0	0	1	0	0	2	0	1	1
Computer science .....	0	1	1	0	2	1	0	1	0	0
Biological science .....	5	2	5	5	9	3	6	10	7	7
Agricultural science .....	0	0	0	0	4	0	2	0	1	0
Social sciences .....	16	13	15	17	17	26	26	36	29	20
Social science .....	7	4	8	9	8	14	8	13	10	8
Psychology .....	9	9	7	8	9	12	18	23	19	12
Non-S&E <sup>2</sup> .....	40	42	48	42	50	54	43	63	48	50
U.S. citizens and permanent residents, unknown race/ethnicity										
Total, all fields .....	127	85	115	138	168	486	408	239	304	372
Science and engineering .....	66	39	53	67	83	248	199	115	157	191
Engineering .....	3	4	3	3	8	12	9	7	7	12
Sciences .....	63	35	50	64	75	236	190	108	150	179
Natural sciences .....	25	19	25	29	40	90	71	54	62	75
Physical science <sup>1</sup> .....	8	5	6	11	10	26	14	13	16	16
Mathematical science .....	2	1	1	2	2	6	5	2	2	5
Computer science .....	0	1	0	2	2	4	7	2	1	4
Biological science .....	13	11	16	10	24	48	39	34	42	45
Agricultural science .....	2	1	2	4	2	6	6	3	1	5
Social sciences .....	38	16	25	35	35	146	119	54	88	104
Social science .....	14	7	10	13	18	54	40	28	48	40
Psychology .....	24	9	15	22	17	92	79	26	40	64
Non-S&E <sup>2</sup> .....	61	46	62	71	85	238	209	124	147	181

See explanatory information and SOURCE at end of table.

**Table 12. Number of earned doctoral degrees, by field and by citizenship and race/ethnicity of female recipients: 1992-2001**

Field	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Nonresident aliens <sup>4</sup>										
Total, all fields .....	1,990	2,069	2,077	1,953	2,214	2,204	2,469	2,423	2,808	2,801
Science and engineering .....	1,351	1,455	1,321	1,244	1,496	1,521	1,755	1,648	1,863	1,964
Engineering .....	169	161	178	159	228	211	274	260	302	406
Sciences .....	1,182	1,294	1,143	1,085	1,268	1,310	1,481	1,388	1,561	1,558
Natural sciences .....	859	929	805	726	911	969	1,073	1,003	1,098	1,098
Physical science <sup>1</sup> .....	286	281	238	182	245	259	320	295	309	333
Mathematical science .....	84	95	84	78	83	75	85	77	84	110
Computer science .....	36	26	41	43	41	38	23	47	48	47
Biological science .....	372	437	355	334	441	504	538	468	553	498
Agricultural science .....	81	90	87	89	101	93	107	116	104	110
Social sciences .....	323	365	338	359	357	341	408	385	463	460
Social science .....	248	281	258	274	263	262	307	302	367	375
Psychology .....	75	84	80	85	94	79	101	83	96	85
Non-S&E <sup>2</sup> .....	639	614	756	709	718	683	714	775	945	837
Citizenship unknown										
Total, all fields .....	268	333	221	280	405	870	789	661	689	908
Science and engineering .....	152	173	106	129	188	425	422	366	399	448
Engineering .....	9	13	9	17	23	27	48	37	44	44
Sciences .....	143	160	97	112	165	398	374	329	355	404
Natural sciences .....	39	59	20	46	78	157	162	117	147	161
Physical science <sup>1</sup> .....	11	18	4	14	29	51	50	40	43	46
Mathematical science .....	4	5	1	4	3	11	14	8	11	12
Computer science .....	1	3	2	0	7	12	13	4	7	10
Biological science .....	21	29	11	24	33	71	77	62	82	80
Agricultural science .....	2	4	2	4	6	12	8	3	4	13
Social sciences .....	104	101	77	66	87	241	212	212	208	243
Social science .....	31	35	23	27	36	63	69	71	71	70
Psychology .....	73	66	54	39	51	178	143	141	137	173
Non-S&E <sup>2</sup> .....	116	160	115	151	217	445	367	295	290	460

<sup>1</sup> In this report, "Physical science" includes earth, atmospheric, and oceanographic sciences, as well as physics, astronomy, and chemistry.

<sup>2</sup> Non-S&E refers to non-science and non-engineering.

<sup>3</sup> Racial/ethnic categories are as designated on the 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).

<sup>4</sup> Nonresident aliens include foreign citizens on temporary visas only.

**NOTE:** See section C for specific fields included in each category.

**SOURCE:** Tabulated by National Science Foundation/Division of Science Resources Statistics; data from NSF/SRS: Survey of Earned Doctorates