

## Earned master's degrees, by field, race/ethnicity, and citizenship: Selected years, 1977-2000

Field, race/ethnicity, and citizenship	1977	1979	1981	1985	1987	1989	1991	1993	1995	1997	1998	2000
All fields .....	318,241	302,075	296,798	287,213	290,532	311,050	338,498	370,973	399,428	420,954	431,871	456,260
S&E .....	63,779	59,684	59,598	64,726	66,774	70,333	72,828	81,415	94,309	93,485	93,918	95,683
Natural sciences .....	12,499	12,343	11,315	10,893	10,637	10,656	10,088	10,163	11,219	12,170	11,763	11,182
Physical sciences .....	5,345	5,464	5,300	5,802	5,638	5,703	5,282	5,365	4,241	4,141	3,969	3,512
Earth, atmospheric, and ocean sciences .....	NA	NA	NA	NA	NA	NA	NA	NA	1,483	1,435	1,426	1,345
Biological sciences .....	7,154	6,879	6,015	5,091	4,999	4,953	4,806	4,798	5,495	6,594	6,368	6,325
Mathematics/computer sciences .....	6,496	6,101	6,787	9,989	11,808	12,829	12,956	14,251	14,495	14,088	15,277	17,824
Mathematics .....	3,698	3,046	2,569	2,888	3,327	3,430	3,632	4,084	3,932	3,599	3,525	3,295
Computer sciences .....	2,798	3,055	4,218	7,101	8,481	9,399	9,324	10,167	10,563	10,489	11,752	14,529
Agricultural sciences .....	3,735	4,007	4,017	3,152	2,824	2,604	2,625	3,299	3,574	3,927	3,862	3,858
Social/behavioral sciences .....	24,798	21,723	20,763	19,757	19,448	20,509	23,152	26,044	36,391	37,426	36,878	37,083
Psychology .....	8,320	8,031	8,039	8,481	8,165	8,652	9,802	11,020	13,132	13,633	13,146	13,708
Social sciences .....	16,478	13,692	12,724	11,276	11,283	11,857	13,350	15,024	23,259	23,793	23,732	23,375
Engineering .....	16,251	15,510	16,716	20,935	22,057	23,735	24,007	27,658	28,630	25,874	26,138	25,736
Non-S&E .....	254,462	242,391	237,200	222,487	223,758	240,717	265,670	289,558	305,119	327,469	337,953	360,577
Engineering technologies <sup>a</sup> .....	NA	NA	NA	816	883	1,135	1,188	1,555	1,577	1,414	1,700	1,350
U.S. citizen/permanent resident												
All fields .....	300,896	282,648	274,740	260,261	262,268	278,927	300,887	326,864	350,672	371,477	379,666	400,689
S&E .....	55,974	51,140	49,849	52,220	53,729	55,190	55,779	61,265	72,092	72,220	71,295	70,933
Natural sciences .....	11,366	11,173	10,161	9,321	9,072	8,782	7,835	7,712	8,582	9,603	9,366	9,097
Physical sciences .....	4,689	4,758	4,514	4,704	4,582	4,465	3,778	3,763	2,774	2,734	2,680	2,372
Earth, atmospheric, and ocean sciences .....	NA	NA	NA	NA	NA	NA	NA	NA	1,198	1,198	1,218	1,150
Biological sciences .....	6,677	6,415	5,647	4,617	4,490	4,317	4,057	3,949	4,610	5,671	5,468	5,575
Mathematics/computer sciences .....	5,760	5,164	5,419	7,595	8,905	9,411	9,078	9,334	9,483	9,122	9,456	10,150
Mathematics .....	3,328	2,574	2,105	2,203	2,491	2,454	2,573	2,946	2,816	2,606	2,499	2,184
Computer sciences .....	2,432	2,590	3,314	5,392	6,414	6,957	6,505	6,388	6,667	6,516	6,957	7,966
Agricultural sciences .....	3,071	3,282	3,307	2,546	2,257	1,974	2,022	2,605	2,921	3,269	3,264	3,342
Social/behavioral sciences .....	23,071	19,971	18,809	17,517	17,219	18,035	20,357	23,075	32,175	32,988	32,232	32,431
Psychology .....	8,149	7,868	7,769	8,185	7,945	8,393	9,485	10,688	12,659	13,231	12,686	13,241
Social sciences .....	14,922	12,103	11,040	9,332	9,274	9,642	10,872	12,387	19,516	19,757	19,546	19,190
Engineering .....	12,706	11,550	12,153	15,241	16,276	16,988	16,487	18,539	18,931	17,238	16,977	15,913
Non-S&E .....	244,922	231,508	224,891	208,041	208,539	223,737	245,108	265,599	278,580	299,257	308,371	329,756
Engineering technologies <sup>a</sup> .....	NA	NA	NA	692	756	1,004	1,016	1,276	1,268	1,153	1,432	1,146
White												
All fields .....	266,109	249,401	241,255	223,649	216,807	230,322	247,524	265,668	277,437	288,353	291,962	297,226
S&E .....	50,420	45,748	43,967	43,982	43,360	43,945	44,513	47,975	54,610	53,769	52,328	49,850
Natural sciences .....	10,545	10,235	9,328	8,214	7,579	7,445	6,482	6,222	6,813	7,567	7,341	6,989
Physical sciences .....	4,363	4,373	4,115	4,133	3,834	3,766	3,129	3,078	2,152	2,088	2,023	1,774
Earth, atmospheric, and ocean sciences .....	NA	NA	NA	NA	NA	NA	NA	NA	1,019	1,084	1,106	1,036
Biological sciences .....	6,182	5,862	5,213	4,081	3,745	3,679	3,353	3,144	3,642	4,395	4,212	4,179
Mathematics/computer sciences .....	5,256	4,625	4,708	6,176	6,729	6,818	6,705	6,818	6,576	6,110	6,172	6,090
Mathematics .....	3,048	2,352	1,890	1,873	2,012	2,032	2,068	2,354	2,222	2,005	1,895	1,655
Computer sciences .....	2,208	2,273	2,818	4,303	4,717	4,786	4,637	4,464	4,354	4,105	4,277	4,435
Agricultural sciences .....	2,860	3,047	3,083	2,345	2,044	1,817	1,818	2,282	2,447	2,809	2,827	2,864

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Field, race/ethnicity, and citizenship	1977	1979	1981	1985	1987	1989	1991	1993	1995	1997	1998	2000
Social/behavioral sciences .....	20,315	17,759	16,701	15,061	14,171	15,033	16,873	18,733	24,943	24,791	23,903	22,887
Psychology .....	7,201	7,078	7,019	7,220	6,698	7,075	7,973	8,810	10,367	10,444	9,820	9,646
Social sciences .....	13,114	10,681	9,682	7,841	7,473	7,958	8,900	9,923	14,576	14,347	14,083	13,241
Engineering.....	11,444	10,082	10,147	12,186	12,837	12,832	12,635	13,920	13,831	12,492	12,085	11,020
Non-S&E .....	215,689	203,653	197,288	179,667	173,447	186,377	203,011	217,693	222,827	234,584	239,634	247,376
Engineering technologies <sup>a</sup> .....	NA	NA	NA	526	581	802	830	1,041	982	950	1,115	835
Asian/Pacific Islander												
All fields .....	5,145	5,519	6,304	7,805	8,129	10,174	11,070	13,169	15,906	17,912	19,936	21,412
S&E.....	1,749	1,929	2,170	3,285	3,455	4,100	4,310	4,846	5,989	6,180	6,554	6,990
Natural sciences .....	307	365	298	392	417	501	482	554	714	883	869	857
Physical sciences.....	142	160	153	213	227	278	251	249	238	278	248	240
Earth, atmospheric, and ocean sciences .....	NA	NA	NA	NA	NA	NA	NA	NA	50	30	30	22
Biological sciences .....	165	205	145	179	190	223	231	305	426	575	591	595
Mathematics/computer sciences.....	198	253	376	779	962	1,072	1,203	1,303	1,494	1,560	1,795	2,208
Mathematics.....	90	104	97	164	183	178	189	197	228	238	216	180
Computer sciences .....	108	149	279	615	779	894	1,014	1,106	1,266	1,322	1,579	2,028
Agricultural sciences.....	81	104	67	58	47	44	50	61	97	103	83	94
Social/behavioral sciences .....	426	357	350	505	379	491	567	668	1,112	1,315	1,356	1,452
Psychology .....	95	87	77	129	113	131	170	191	289	364	379	472
Social sciences .....	331	270	273	376	266	360	397	477	823	951	977	980
Engineering.....	737	850	1,079	1,551	1,650	1,992	2,008	2,260	2,572	2,319	2,451	2,379
Non-S&E .....	3,396	3,590	4,134	4,520	4,674	6,074	6,760	8,323	9,917	11,732	13,382	14,422
Engineering technologies <sup>a</sup> .....	NA	NA	NA	25	46	40	60	40	55	49	62	53
Black												
All fields .....	21,041	19,422	17,152	13,960	13,173	13,455	15,857	18,897	22,954	26,948	28,616	33,305
S&E.....	2,321	2,003	1,801	1,742	1,784	1,652	2,090	2,554	4,210	4,870	4,894	5,492
Natural sciences .....	300	303	278	240	246	202	210	240	310	380	336	347
Physical sciences.....	94	86	107	89	79	78	73	105	132	132	131	117
Earth, atmospheric, and ocean sciences .....	NA	NA	NA	NA	NA	NA	NA	NA	15	12	15	7
Biological sciences .....	206	217	171	151	167	124	137	135	163	236	190	223
Mathematics/computer sciences.....	200	136	137	233	280	257	383	406	513	565	566	678
Mathematics.....	133	71	67	53	73	59	100	98	140	154	142	98
Computer sciences .....	67	65	70	180	207	198	283	308	373	411	424	580
Agricultural sciences.....	51	79	73	50	55	36	51	70	74	96	95	84
Social/behavioral sciences .....	1,530	1,239	1,053	889	800	802	1,048	1,274	2,648	3,155	3,183	3,725
Psychology .....	506	476	424	426	376	395	454	544	802	1,059	1,020	1,346
Social sciences .....	1,024	763	629	463	424	407	594	730	1,846	2,096	2,163	2,379
Engineering.....	240	246	260	330	403	355	398	564	665	674	714	658
Non-S&E .....	18,720	17,419	15,351	12,218	11,389	11,803	13,767	16,343	18,744	22,078	23,722	27,813
Engineering technologies <sup>a</sup> .....	NA	NA	NA	37	42	55	47	61	85	86	150	116

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<b>Hispanic</b>												
All fields .....	7,071	6,470	7,439	7,730	7,781	8,133	9,684	11,371	13,905	16,360	17,416	20,803
S&E.....	1,325	1,001	1,237	1,514	1,584	1,585	1,736	2,092	2,945	3,220	3,462	3,746
Natural sciences .....	178	180	174	266	248	218	232	265	296	353	341	394
Physical sciences.....	69	65	71	127	122	92	96	114	95	116	129	96
Earth, atmospheric, and ocean sciences .....	NA	NA	NA	NA	NA	NA	NA	NA	34	23	20	28
Biological sciences .....	109	115	103	139	126	126	136	151	167	214	192	268
Mathematics/computer sciences.....	91	61	102	149	183	178	213	240	282	274	304	388
Mathematics.....	45	36	42	55	60	34	85	78	72	63	85	100
Computer sciences .....	46	25	60	94	123	144	128	162	210	211	219	288
Agricultural sciences.....	67	47	77	66	62	48	49	69	96	105	116	133
Social/behavioral sciences .....	738	498	599	687	579	673	774	937	1,560	1,723	1,894	1,979
Psychology .....	321	191	217	344	271	360	391	463	622	718	787	837
Social sciences .....	417	307	382	343	308	313	383	474	938	1,005	1,107	1,142
Engineering.....	251	215	285	346	512	468	468	581	711	765	807	852
Non-S&E .....	5,746	5,469	6,202	6,216	6,197	6,548	7,948	9,279	10,960	13,140	13,954	17,057
Engineering technologies <sup>a</sup> .....	NA	NA	NA	6	17	10	19	25	40	26	49	41
<b>American Indian/Alaskan Native</b>												
All fields .....	968	999	1,034	1,257	1,049	1,082	1,125	1,344	1,542	1,844	1,951	2,099
S&E.....	148	165	165	228	147	209	200	253	307	370	372	383
Natural sciences .....	36	45	26	39	20	35	26	38	39	41	45	44
Physical sciences.....	21	29	11	21	9	18	13	12	15	11	14	9
Earth, atmospheric, and ocean sciences .....	NA	NA	NA	NA	NA	NA	NA	NA	4	5	10	9
Biological sciences .....	15	16	15	18	11	17	13	26	20	25	21	26
Mathematics/computer sciences.....	15	24	19	48	25	45	23	22	27	39	24	41
Mathematics.....	12	8	7	7	3	6	9	8	11	14	9	9
Computer sciences .....	3	16	12	41	22	39	14	14	16	25	15	32
Agricultural sciences.....	12	5	7	6	3	6	8	8	13	18	23	23
Social/behavioral sciences .....	62	67	82	88	61	90	103	135	185	219	226	211
Psychology .....	26	20	32	37	35	33	49	57	81	97	108	69
Social sciences .....	36	47	50	51	26	57	54	78	104	122	118	142
Engineering.....	23	24	31	47	38	33	40	50	43	53	54	64
Non-S&E .....	820	834	869	1,029	902	873	925	1,091	1,235	1,474	1,579	1,716
Engineering technologies <sup>a</sup> .....	NA	NA	NA	2	26	2	3	8	6	3	6	3

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Field, race/ethnicity, and citizenship	1977	1979	1981	1985	1987	1989	1991	1993	1995	1997	1998	2000
<b>Other/unknown race/ethnicity</b>												
All fields .....	562	837	1,556	5,860	15,329	15,761	15,627	16,415	18,928	20,060	19,785	25,844
S&E.....	11	294	509	1,469	3,399	3,699	2,930	3,545	4,031	3,811	3,685	4,472
Natural sciences .....	0	45	57	170	562	381	403	393	410	379	434	466
Physical sciences.....	0	45	57	121	311	233	216	205	142	109	135	136
Earth, atmospheric, and ocean sciences .....	0	NA	NA	NA	NA	NA	NA	NA	76	44	37	46
Biological sciences .....	0	NA	NA	49	251	148	187	188	192	226	262	284
Mathematics/computer sciences.....	0	65	77	210	726	1,041	551	545	591	574	595	745
Mathematics.....	0	3	2	51	160	145	122	211	143	132	152	142
Computer sciences .....	0	62	75	159	566	896	429	334	448	442	443	603
Agricultural sciences.....	0	NA	NA	21	46	23	46	115	194	138	120	144
Social/behavioral sciences .....	0	51	24	287	1,229	946	992	1,328	1,727	1,785	1,670	2,177
Psychology .....	0	16	NA	29	452	399	448	623	498	549	572	871
Social sciences .....	0	35	24	258	777	547	544	705	1,229	1,236	1,098	1,306
Engineering.....	11	133	351	781	836	1,308	938	1,164	1,109	935	866	940
Non-S&E .....	551	543	1,047	4,391	11,930	12,062	12,697	12,870	14,897	16,249	16,100	21,372
Engineering technologies <sup>a</sup> .....	0	NA	NA	96	44	95	57	101	100	39	50	98
<b>Foreign citizen<sup>b</sup></b>												
All fields .....	17,345	19,427	22,058	26,952	28,264	32,123	37,611	44,109	48,756	49,477	52,205	55,571
S&E.....	7,805	8,544	9,749	12,506	13,045	15,143	17,049	20,150	22,217	21,265	22,623	24,750
Natural sciences .....	1,133	1,170	1,154	1,572	1,565	1,874	2,253	2,451	2,637	2,567	2,397	2,085
Physical sciences.....	656	706	786	1,098	1,056	1,238	1,504	1,602	1,467	1,407	1,289	1,140
Earth, atmospheric, and ocean sciences .....	NA	NA	NA	NA	NA	NA	NA	NA	285	237	208	195
Biological sciences .....	477	464	368	474	509	636	749	849	885	923	900	750
Mathematics/computer sciences.....	736	937	1,368	2,394	2,903	3,418	3,878	4,917	5,012	4,966	5,821	7,674
Mathematics.....	370	472	464	685	836	976	1,059	1,138	1,116	993	1,026	1,111
Computer sciences .....	366	465	904	1,709	2,067	2,442	2,819	3,779	3,896	3,973	4,795	6,563
Agricultural sciences.....	664	725	710	606	567	630	603	694	653	658	598	516
Social/behavioral sciences .....	1,727	1,752	1,954	2,240	2,229	2,474	2,795	2,969	4,216	4,438	4,646	4,652
Psychology .....	171	163	270	296	220	259	317	332	473	402	460	467
Social sciences .....	1,556	1,589	1,684	1,944	2,009	2,215	2,478	2,637	3,743	4,036	4,186	4,185
Engineering.....	3,545	3,960	4,563	5,694	5,781	6,747	7,520	9,119	9,699	8,636	9,161	9,823
Non-S&E .....	9,540	10,883	12,309	14,446	15,219	16,980	20,562	23,959	26,539	28,212	29,582	30,821
Engineering technologies <sup>a</sup> .....	NA	NA	NA	124	127	131	172	279	309	261	268	204

NA not available

<sup>a</sup>Engineering technologies are more focused on applied skills than on fundamental science and mathematics.<sup>b</sup>Includes temporary residents only.

NOTES: Degree data by sex do not precisely match degree data by race/ethnicity in any field. Degree data by sex were collected by U.S. Department of Education (ED), National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS). Data by race/ethnicity were collected biennially by NCES for ED, Office for Civil Rights, from 1977 to 1989 and annually thereafter (except for 1999). For full available data series, see National Science Foundation, Division of Science Resources Statistics (NSF/SRS), WebCASPAR database system.

SOURCES: ED, NCES, and NSF/SRS, WebCASPAR database system, <http://caspar.nsf.gov>.