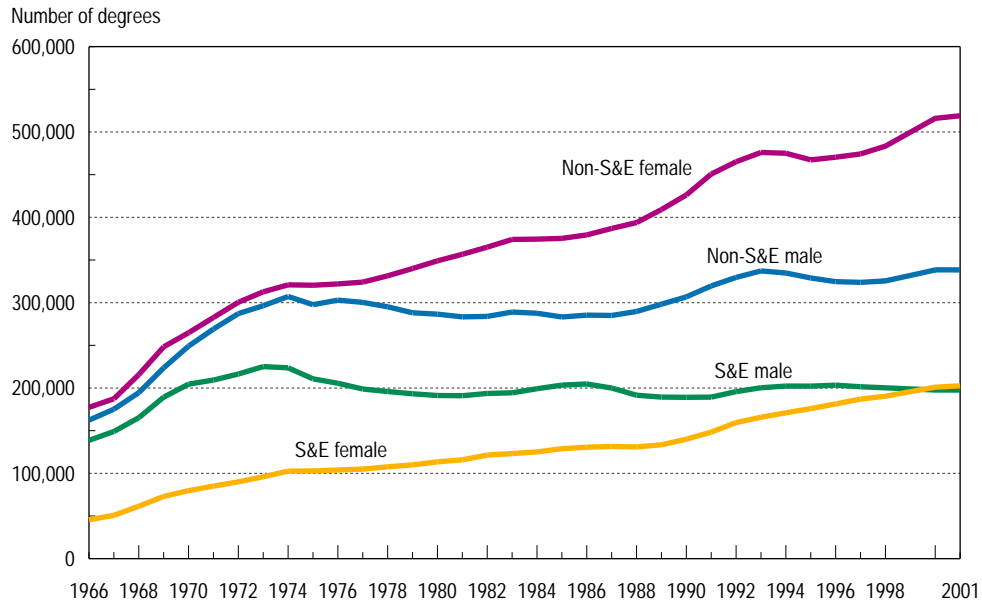


FIGURE C-1. Bachelor's degrees awarded in S&E and non-S&E fields, by sex: 1966–2001



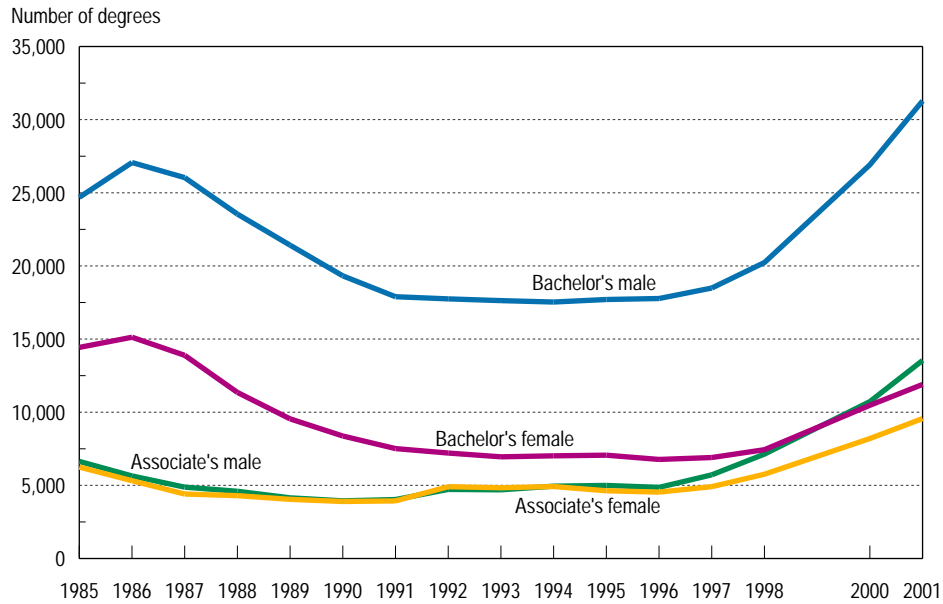
NOTE: National data not available for 1999.

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, 1966–2001.

Females now account for half of all S&E bachelor's degree awards.

- The number of S&E bachelor's degrees awarded to females has increased every year since 1966 (excluding 1988), reaching 202,583 in 2001.
- The number of bachelor's degrees in S&E awarded to males has fluctuated around 200,000 since 1976.
- Females earn more bachelor's degrees in non-S&E fields than males.

FIGURE C-2. Bachelor's and associate's degrees awarded in computer sciences, by sex: 1985–2001



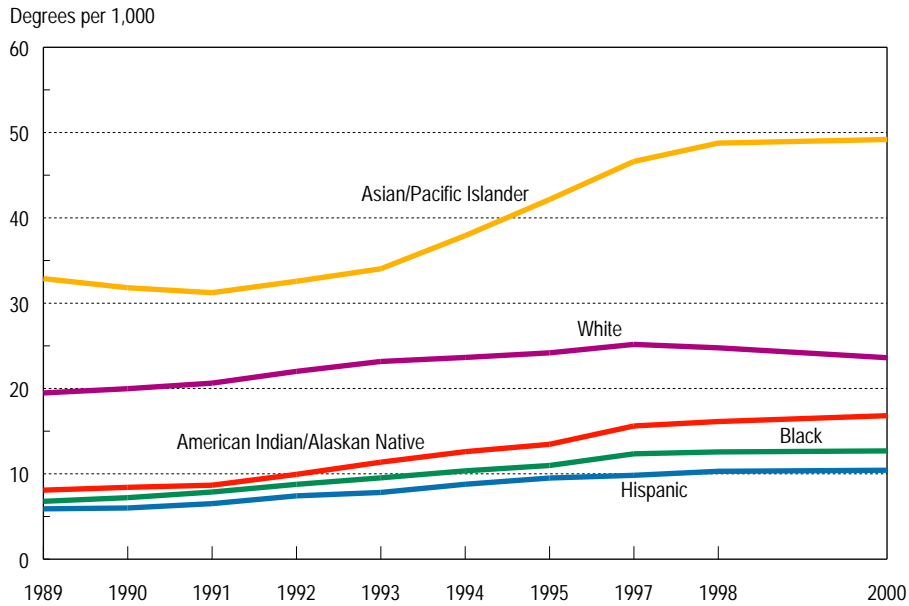
NOTE: National data not available for 1999.

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, 1985–2001.

Bachelor's degrees awarded in computer sciences rose steeply in the latter part of the 1990s, especially for males.

- The female share of bachelor's degrees in computer sciences dropped from 37 percent in 1985 to 28 percent in 2001.
- The number of associate's and bachelor's degrees awarded in computer sciences to both males and females increased substantially in the late 1990s.

FIGURE C-3. S&E bachelor's degrees awarded per 1,000 U.S. citizens and permanent residents 20–24 years old, by race/ethnicity: 1989–2000



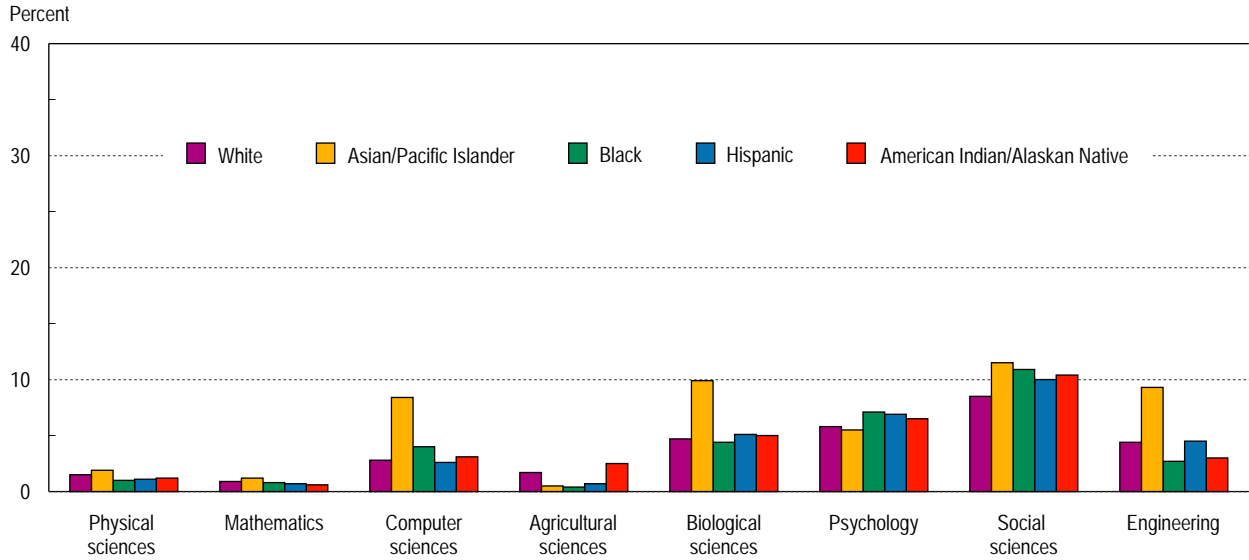
NOTE: National data not available for 1999.

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, 1989–2001; and U.S. Bureau of the Census, Current Population Survey.

Blacks, Hispanics, and American Indians/Alaskan Natives earn fewer S&E bachelor's degrees relative to their population than do whites, but the differences narrowed in the 1990s.

- The number of S&E bachelor's degrees earned by nonwhite groups has risen since 1989.
- The rate of increase in degrees earned exceeded the rate of population growth for these groups.
- Asians/Pacific Islanders earn more S&E bachelor's degrees than whites do relative to their college-age populations, and the difference widened during the 1990s.

FIGURE C-4. Bachelor's degrees awarded to racial/ethnic groups in S&E fields: 2001



NOTE: Percents refer to percentage of each racial/ethnic group earning degrees in a given field. Physical sciences include earth, atmospheric, and ocean sciences.

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, 2001.

White, black, Hispanic, and American Indian/Alaskan Native S&E bachelor's degree recipients are similarly distributed across most broad S&E fields.

- With the exception of Asians/Pacific Islanders, for whom almost half
- of all bachelor's degrees received are in S&E, about a third of bachelor's
- degrees earned by each racial/ethnic group are in S&E.
- A higher percentage of Asians/Pacific Islanders than of other
- racial/ethnic groups earned their bachelor's degrees in computer
- sciences, biological sciences, and engineering.

TABLE C-1. Associate's degrees, by field and sex: 1994–2001

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Field and sex	1994	1995	1996	1997	1998	2000	2001
All fields	546,574	544,094	540,644	546,031	549,191	543,876	552,046
S&E	75,132	70,590	67,820	68,328	71,006	78,224	82,102
Sciences	22,737	21,943	22,552	23,883	26,539	31,921	36,272
Agricultural sciences	1,938	1,910	1,895	1,865	2,007	1,943	2,083
Biological sciences	1,907	1,901	2,074	2,181	2,176	1,468	1,519
Computer sciences	9,868	9,627	9,401	10,632	12,899	18,928	23,106
Earth, atmospheric, and ocean sciences	226	186	189	191	180	174	181
Atmospheric	119	107	97	95	105	92	103
Earth	44	28	47	51	38	28	35
Ocean	63	51	45	45	37	54	43
Mathematics/statistics	766	783	759	793	843	670	692
Physical sciences	1,413	1,459	1,560	1,540	1,518	1,271	1,136
Astronomy	0	0	0	1	0	1	1
Chemistry	336	293	306	314	299	301	183
Physics	88	98	102	92	111	106	118
Other	989	1,068	1,152	1,133	1,108	863	834
Psychology	1,756	1,600	1,584	1,606	1,760	1,445	1,538
Social sciences	4,863	4,477	5,090	5,075	5,156	6,022	6,017
Anthropology	75	66	70	77	132	51	77
Area and ethnic studies	91	63	100	87	104	244	297
Economics	196	142	194	188	219	210	209
Political science/public administration	1,158	1,132	1,355	1,344	1,217	1,023	911
Sociology	317	364	494	504	573	365	370
Other	3,026	2,710	2,877	2,875	2,911	4,129	4,153
Engineering	2,844	2,285	2,048	1,888	2,107	1,730	1,791
Aerospace	6	2	2	1	0	1	0
Chemical	16	16	13	7	8	13	18
Civil	85	80	126	110	130	58	53
Electrical	410	257	190	179	382	239	224
Industrial	136	103	99	81	77	67	132
Materials	29	8	5	5	13	11	14
Mechanical	86	104	73	58	82	77	67
Other	2,076	1,715	1,540	1,447	1,415	1,264	1,283
Technologies	43,829	40,524	37,503	36,670	36,597	37,491	37,586
Engineering	42,414	39,190	35,982	35,221	35,163	35,544	35,413
Science	1,150	970	965	893	800	1,241	1,233
Other	265	364	556	556	634	706	940
Interdisciplinary/other sciences	5,722	5,838	5,717	5,887	5,763	7,082	6,453
Non-S&E	471,442	473,504	472,824	477,703	478,185	465,652	469,944
Female							
All fields	324,327	324,390	327,554	333,333	333,303	327,720	332,035
S&E	21,718	20,352	21,070	22,173	22,931	26,670	27,991
Sciences	10,912	10,344	10,989	11,685	12,644	15,138	16,515
Agricultural sciences	705	610	645	669	740	784	781
Biological sciences	1,137	1,144	1,244	1,392	1,383	974	1,022
Computer sciences	4,921	4,631	4,539	4,912	5,762	8,201	9,565
Earth, atmospheric, and ocean sciences	64	38	58	65	52	58	58
Atmospheric	23	16	17	21	28	21	26
Earth	12	7	21	21	15	16	10
Ocean	29	15	20	23	9	21	22
Mathematics/statistics	329	345	295	349	353	263	243
Physical sciences	630	686	730	807	811	671	552
Chemistry	145	154	156	159	182	175	84
Physics	20	11	18	18	24	30	25
Other	465	521	556	630	605	466	443

TABLE C-1. Associate's degrees, by field and sex: 1994–2001

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Field and sex	1994	1995	1996	1997	1998	2000	2001
Psychology	1,323	1,154	1,179	1,230	1,157	1,119	1,183
Social sciences	3,079	2,852	3,434	3,440	3,460	4,157	4,247
Anthropology	47	38	44	51	83	30	47
Area and ethnic studies	57	46	75	56	77	191	254
Economics	85	59	89	84	100	94	95
Political science/public administration	735	767	978	1,009	888	773	707
Sociology	238	264	368	353	424	276	266
Other	1,917	1,678	1,880	1,887	1,888	2,793	2,878
Engineering	370	307	269	271	323	238	297
Aerospace	1	0	1	0	0	0	0
Chemical	8	3	0	3	2	3	2
Civil	14	23	32	28	41	20	19
Electrical	35	19	19	19	33	24	24
Industrial	31	16	16	6	13	15	17
Materials	1	2	0	1	1	1	3
Mechanical	7	6	5	4	9	8	7
Other	273	238	196	210	224	167	225
Technologies	5,982	5,374	5,455	5,660	5,632	6,009	6,275
Science	447	347	378	394	374	472	499
Engineering	5,515	4,994	5,035	5,231	5,214	5,465	5,666
Other	20	33	42	35	44	72	110
Interdisciplinary/other sciences	3,178	3,211	3,222	3,378	3,258	4,196	3,768
Non-S&E	302,609	304,038	306,484	311,160	310,372	301,050	304,044
Male							
All fields	222,247	219,704	213,090	212,698	215,888	216,156	220,011
S&E	53,414	50,238	46,750	46,155	48,075	51,554	54,111
Sciences	10,549	10,483	10,428	11,019	12,821	15,694	18,621
Agricultural sciences	1,233	1,300	1,250	1,196	1,267	1,159	1,302
Biological sciences	770	757	830	789	793	494	497
Computer sciences	4,947	4,996	4,862	5,720	7,137	10,727	13,541
Earth, atmospheric, and ocean sciences	162	148	131	126	128	116	123
Atmospheric	96	91	80	74	77	71	77
Earth	32	21	26	30	23	12	25
Ocean	34	36	25	22	28	33	21
Mathematics/statistics	437	438	464	444	490	407	449
Physical sciences	783	773	830	733	707	600	584
Astronomy	0	0	0	1	0	1	1
Chemistry	191	139	150	155	117	126	99
Physics	68	87	84	74	87	76	93
Other	524	547	596	503	503	397	391
Psychology	433	446	405	376	603	326	355
Social sciences	1,784	1,625	1,656	1,635	1,696	1,865	1,770
Anthropology	28	28	26	26	49	21	30
Area/ethnic studies	34	17	25	31	27	53	43
Economics	111	83	105	104	119	116	114
Political science/public administration	423	365	377	335	329	250	204
Sociology	79	100	126	151	149	89	104
Other	1,109	1,032	997	988	1,023	1,336	1,275
Engineering	2,474	1,978	1,779	1,617	1,784	1,492	1,494
Aerospace	5	2	1	1	0	1	0
Chemical	8	13	13	4	6	10	16
Civil	71	57	94	82	89	38	34
Electrical	375	238	171	160	349	215	200
Industrial	105	87	83	75	64	52	115
Materials	28	6	5	4	12	10	11

TABLE C-1. Associate's degrees, by field and sex: 1994–2001

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Field and sex	1994	1995	1996	1997	1998	2000	2001
Mechanical	79	98	68	54	73	69	60
Other	1,803	1,477	1,344	1,237	1,191	1,097	1,058
Technologies	37,847	35,150	32,048	31,010	30,965	31,482	31,311
Engineering	36,899	34,196	30,947	29,990	29,949	30,079	29,747
Science	703	623	587	499	426	769	734
Other	245	331	514	521	590	634	830
Interdisciplinary/other sciences	2,544	2,627	2,495	2,509	2,505	2,886	2,685
Non-S&E	168,833	169,466	166,340	166,543	167,813	164,602	165,900

NOTES: Unlike other degrees tables, S&E total here includes degrees in S&E technologies. 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, 1994–2001.

TABLE C-2. Associate's degrees, by field, citizenship, and race/ethnicity: 1994–2001

Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
All fields	546,574	544,094	540,644	546,031	549,191	543,876	552,046
S&E	74,832	70,590	67,820	68,328	71,006	78,224	82,102
Sciences	22,344	21,943	22,552	23,883	26,539	31,921	36,272
Agricultural sciences	2,247	1,910	1,895	1,865	2,007	1,943	2,083
Biological sciences	1,907	1,901	2,074	2,181	2,176	1,468	1,519
Computer sciences	9,767	9,627	9,401	10,632	12,899	18,928	23,106
Mathematics	765	783	759	793	843	670	692
Physical sciences	1,639	1,645	1,749	1,731	1,698	1,445	1,317
Psychology	1,756	1,600	1,584	1,606	1,760	1,445	1,538
Social sciences	4,263	4,477	5,090	5,075	5,156	6,022	6,017
Engineering	2,828	2,285	2,048	1,888	2,107	1,730	1,791
Technologies	41,194	40,524	37,503	36,670	36,597	37,491	37,586
Engineering	39,889	39,190	35,982	35,221	35,163	35,544	35,413
Science	1,040	970	965	893	800	1,241	1,233
Other	265	364	556	556	634	706	940
Interdisciplinary/other sciences	8,466	5,838	5,717	5,887	5,763	7,082	6,453
Non-S&E	471,742	473,504	472,824	477,703	478,185	465,652	469,944
U.S. citizen/permanent resident							
All fields	536,405	534,183	530,622	535,432	537,146	533,982	540,911
S&E	73,653	69,395	66,665	67,041	69,255	76,993	80,232
Sciences	21,726	21,316	21,884	23,191	25,719	31,165	35,285
Agricultural sciences	2,202	1,892	1,877	1,846	1,956	1,920	2,037
Biological sciences	1,851	1,824	2,014	2,103	2,094	1,441	1,484
Computer sciences	9,524	9,367	9,157	10,370	12,564	18,462	22,460
Mathematics	726	744	711	749	794	637	650
Physical sciences	1,583	1,566	1,663	1,637	1,623	1,389	1,280
Psychology	1,732	1,581	1,552	1,567	1,702	1,423	1,513
Social sciences	4,108	4,342	4,910	4,919	4,986	5,893	5,861
Engineering	2,739	2,208	1,978	1,821	1,974	1,662	1,695
Technologies	40,776	40,079	37,143	36,202	35,855	37,154	36,895
Engineering	39,475	38,764	35,631	34,761	34,435	35,215	34,742
Science	1,036	956	956	885	786	1,233	1,213
Other	265	359	556	556	634	706	940
Interdisciplinary/other sciences	8,412	5,792	5,660	5,827	5,707	7,012	6,357
Non-S&E	462,752	464,788	463,957	468,391	467,891	456,989	460,679
White							
All fields	419,962	408,126	403,072	400,307	396,735	380,777	378,041
S&E	25,598	22,216	22,122	22,630	24,384	27,871	55,470
Sciences	15,676	14,734	14,831	15,472	16,977	19,856	22,768
Agricultural sciences	1,959	1,633	1,696	1,680	1,768	1,718	1,824
Biological sciences	1,304	1,197	1,356	1,310	1,304	930	979
Computer sciences	6,636	6,471	6,270	7,052	8,473	11,821	14,438
Mathematics	497	479	439	492	501	379	358
Physical sciences	1,230	1,180	1,183	1,159	1,107	949	909
Psychology	1,321	1,146	1,094	1,087	1,068	952	1,005
Social sciences	2,729	2,628	2,793	2,692	2,756	3,107	3,255
Engineering	2,133	1,658	1,502	1,363	1,438	1,126	1,202
Technologies	1,005	958	1,166	1,095	1,100	1,479	1,616
Engineering	31,457	29,646	27,506	26,522	26,208	25,643	24,999
Science	794	683	709	648	577	908	871
Other	211	275	457	447	523	571	745
Interdisciplinary/other sciences	6,784	4,866	4,623	4,700	4,869	5,410	4,885
Non-S&E	394,364	385,910	380,950	377,677	372,351	352,906	322,571
Asian/Pacific Islander							
All fields	18,555	20,976	22,630	23,882	23,909	25,654	25,780
S&E	1,665	1,728	1,928	2,153	2,189	2,856	4,683

TABLE C-2. Associate's degrees, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
Sciences	1,099	1,240	1,379	1,552	1,718	2,224	2,372
Agricultural sciences	10	10	4	4	8	19	9
Biological sciences	172	190	216	264	248	109	94
Computer sciences	489	513	516	661	820	1,381	1,651
Mathematics	77	93	104	87	100	90	106
Physical sciences	122	129	165	180	173	146	81
Psychology	37	57	57	63	53	51	53
Social sciences	192	248	317	293	316	428	378
Engineering	184	152	146	148	166	160	130
Technologies	35	69	80	91	37	48	40
Engineering	1,258	1,458	1,464	1,586	1,521	1,752	1,725
Science	35	56	58	67	37	45	35
Other	0	13	22	24	0	3	5
Interdisciplinary/other sciences	347	267	323	362	268	424	416
Non-S&E	16,890	19,248	20,702	21,729	21,720	22,798	21,097
Black							
All fields	45,597	45,923	49,245	51,588	52,957	55,154	57,851
S&E	6,112	5,844	5,997	6,187	6,501	7,852	8,379
Sciences	1,890	2,159	2,277	2,446	2,747	3,733	4,247
Agricultural sciences	20	23	18	11	9	18	3
Biological sciences	96	147	114	140	155	137	127
Computer sciences	1,081	1,046	1,104	1,182	1,531	2,445	3,035
Mathematics	39	45	36	37	33	36	50
Physical sciences	90	103	112	105	126	98	89
Psychology	149	126	147	125	111	135	142
Social sciences	415	669	746	846	782	864	801
Engineering	179	148	134	131	109	123	104
Technologies	3,325	3,122	3,167	3,156	3,325	3,566	3,652
Engineering	3,197	3,015	2,989	2,982	3,156	3,321	3,372
Science	91	72	103	91	83	146	155
Other	37	35	75	83	86	99	125
Interdisciplinary or other sciences	718	415	419	454	320	430	376
Non-S&E	39,485	40,079	43,248	45,401	46,456	47,302	49,472
Hispanic							
All fields	35,557	38,499	39,115	42,784	45,452	50,488	54,333
S&E	5,293	5,593	5,581	5,818	6,001	7,869	8,109
Sciences	2,181	2,337	2,410	2,661	2,907	3,690	3,945
Agricultural sciences	109	136	89	75	85	77	109
Biological sciences	203	208	221	276	289	183	220
Computer sciences	989	1,035	928	1,065	1,299	2,033	2,154
Mathematics	85	99	108	110	120	97	99
Physical sciences	92	80	109	110	122	107	114
Psychology	154	193	179	209	180	192	218
Social sciences	549	586	776	816	812	1,001	1,031
Engineering	148	161	132	112	196	178	186
Technologies	2,569	2,896	2,800	2,789	2,683	3,403	3,510
Science	87	91	57	59	61	107	125
Engineering	2,478	2,777	2,742	2,728	2,621	3,283	3,369
Other	4	28	1	2	1	13	16
Interdisciplinary/other sciences	395	199	239	256	215	598	468
Non-S&E	30,264	32,906	33,534	36,966	39,451	42,619	46,224
American Indian/Alaskan Native							
All fields	4,879	5,352	5,221	5,520	6,161	5,697	5,758
S&E	735	741	765	716	840	845	807
Sciences	401	397	455	430	478	508	485
Agricultural sciences	69	54	42	54	64	67	48

TABLE C-2. Associate's degrees, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
Biological sciences	36	40	42	46	37	37	32
Computer sciences	105	111	129	120	148	188	208
Mathematics	11	13	9	2	13	7	12
Physical sciences	20	23	26	21	33	13	17
Psychology	38	35	42	38	37	38	34
Social sciences	122	121	165	149	146	158	134
Engineering	18	22	11	25	22	17	16
Technologies	269	299	272	239	324	283	265
Engineering	263	286	269	236	286	273	253
Science	6	10	2	3	14	9	9
Other	0	3	1	0	24	1	3
Interdisciplinary or other sciences	47	23	27	22	16	37	41
Non-S&E	4,144	4,611	4,456	4,804	5,321	4,852	4,951
Other or unknown race/ethnicity							
All fields	11,855	15,307	11,339	11,351	11,932	16,212	19,148
S&E	713	587	641	722	968	1,362	2,784
Sciences	479	449	532	630	892	1,154	1,468
Agricultural sciences	35	36	28	22	22	21	44
Biological sciences	40	42	65	67	61	45	32
Computer sciences	224	191	210	290	293	594	974
Mathematics	17	15	15	21	27	28	25
Physical sciences	29	51	68	62	62	76	70
Psychology	33	24	33	45	253	55	61
Social sciences	101	90	113	123	174	335	262
Engineering	77	67	53	42	43	58	57
Technologies	36	49	27	17	14	37	64
Engineering	822	1,582	661	707	643	943	1,024
Science	23	44	27	17	14	18	18
Other	13	5	0	0	0	19	46
Interdisciplinary/other sciences	121	22	29	33	19	113	171
Non-S&E	11,142	14,720	10,698	10,629	10,964	14,850	16,364
Temporary resident							
All fields	10,169	9,911	10,022	10,599	12,045	9,894	11,135
S&E	1,179	1,195	1,155	1,287	1,751	1,231	1,870
Sciences	618	627	668	692	820	756	987
Agricultural sciences	45	18	18	19	51	23	46
Biological sciences	56	77	60	78	82	27	35
Computer sciences	243	260	244	262	335	466	646
Mathematics	39	39	48	44	49	33	42
Physical sciences	56	79	86	94	75	56	37
Psychology	24	19	32	39	58	22	25
Social sciences	155	135	180	156	170	129	156
Engineering	89	77	70	67	133	68	96
Technologies	418	445	360	468	742	337	691
Engineering	414	426	351	460	728	329	671
Science	4	14	9	8	14	8	20
Other	0	5	0	0	0	0	0
Interdisciplinary/other sciences	54	46	57	60	56	70	96
Non-S&E	8,990	8,716	8,867	9,312	10,294	8,663	9,265

NOTES: Unlike other degree tables, S&E total here includes degrees in S&E technologies. Physical sciences include earth, atmospheric, and ocean sciences; physics; astronomy; and chemistry. Data on race/ethnicity were collected on broad fields of study only until 1994; therefore, the 1994 data could not be adjusted to the exact field taxonomies used by the National Science Foundation (NSF). The primary difference between 1994 and later years is that history was included in the social sciences in 1994 but is included in non-S&E from 1995 on. Temporary resident includes all racial/ethnic groups. Data were not available for 1999.

SOURCE: NSF, 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, 1994–2001.

TABLE C-3. S&E associate's degrees, by sex, citizenship, race/ethnicity, and field: 2001

Sex, citizenship, and race/ethnicity	All S&E	Sciences	Agricultural sciences	Biological sciences	Computer sciences	Mathematics	Physical sciences	Psychology	Social sciences	Engineering	Technologies			Inter-disciplinary/ other sciences
											Engineering	Science	Other	
All degrees	82,102	36,272	2,083	1,519	23,106	692	1,317	1,538	6,017	1,791	35,413	1,233	940	6,453
Female	27,991	17,651	781	1,022	9,565	243	610	1,183	4,247	297	5,666	499	110	3,768
Male	54,111	18,621	1,302	497	13,541	449	707	355	1,770	1,494	29,747	734	830	2,685
U.S. citizen/permanent resident	80,232	35,285	2,037	1,484	22,460	650	1,280	1,513	5,861	1,695	34,742	1,213	940	6,357
Female	27,257	17,139	760	999	9,246	229	595	1,166	4,144	273	5,523	490	110	3,722
Male	52,975	18,146	1,277	485	13,214	421	685	347	1,717	1,422	29,219	723	830	2,635
White	55,470	22,768	1,824	979	14,438	358	909	1,005	3,255	1,202	24,999	871	745	4,885
Female	17,718	10,456	685	664	5,480	127	418	781	2,301	182	3,826	341	81	2,832
Male	37,752	12,312	1,139	315	8,958	231	491	224	954	1,020	21,173	530	664	2,053
Asian/Pacific Islander	4,683	2,372	9	94	1,651	106	81	53	378	130	1,725	35	5	416
Female	1,669	1,124	5	60	698	35	45	36	245	25	256	20	2	242
Male	3,014	1,248	4	34	953	71	36	17	133	105	1,469	15	3	174
Black	8,379	4,247	3	127	3,035	50	89	142	801	104	3,372	155	125	376
Female	3,520	2,465	2	82	1,605	19	48	109	600	15	712	75	16	237
Male	4,859	1,782	1	45	1,430	31	41	33	201	89	2,660	80	109	139
Hispanic	8,109	3,945	109	220	2,154	99	114	218	1,031	186	3,369	125	16	468
Female	3,005	2,164	39	146	996	34	47	164	738	32	491	42	4	272
Male	5,104	1,781	70	74	1,158	65	67	54	293	154	2,878	83	12	196
American Indian/Alaskan Native	807	485	48	32	208	12	17	34	134	16	253	9	3	41
Female	378	290	11	25	114	4	7	27	102	3	52	4	1	28
Male	429	195	37	7	94	8	10	7	32	13	201	5	2	13
Other or unknown race/ethnicity	2,784	1,468	44	32	974	25	70	61	262	57	1,024	18	46	171
Female	967	640	18	22	353	10	30	49	158	16	186	8	6	111
Male	1,817	828	26	10	621	15	40	12	104	41	838	10	40	60
Temporary resident	1,870	987	46	35	646	42	37	25	156	96	671	20	0	96
Female	734	512	21	23	319	14	15	17	103	24	143	9	0	46
Male	1,136	475	25	12	327	28	22	8	53	72	528	11	0	50

NOTES: Unlike other degree tables, S&E total here includes degrees in S&E technologies. Racial/ethnic breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Physical sciences include earth, atmospheric, and ocean sciences; physics; astronomy; and chemistry.

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, 2001.

TABLE C-4. Bachelor's degrees, by sex and field: 1994–2001

Sex and year	All fields	S&E	Sciences	Biological/ agricultural sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics/ statistics	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E
Both sexes												
1994	1,183,141	373,261	310,249	65,268	24,553	3,868	14,632	14,655	69,768	117,505	63,012	809,880
1995	1,174,436	378,148	314,777	71,470	24,769	4,478	13,851	14,897	72,601	112,711	63,371	796,288
1996	1,179,815	384,674	321,560	78,469	24,545	4,457	13,076	15,396	73,828	111,789	63,114	795,141
1997	1,186,589	388,482	326,130	82,500	25,393	4,466	12,723	15,264	74,734	111,050	62,352	798,107
1998	1,199,579	390,618	329,704	85,079	27,674	4,321	12,094	15,273	74,457	110,806	60,914	808,961
2000	1,253,121	398,622	339,086	83,148	37,388	4,047	11,735	14,580	74,654	113,534	59,536	854,499
2001	1,257,648	400,206	340,948	79,556	43,184	3,968	11,455	14,163	74,168	114,454	59,258	857,442
Female												
1994	646,080	170,977	160,574	31,921	7,020	1,203	6,768	5,067	51,019	57,576	10,403	475,103
1995	643,290	175,931	164,981	35,555	7,063	1,524	6,491	5,292	52,963	56,093	10,950	467,359
1996	651,815	181,333	170,017	39,369	6,772	1,485	5,992	5,702	53,863	56,834	11,316	470,482
1997	661,307	187,011	175,541	42,533	6,903	1,542	5,889	5,882	55,243	57,549	11,470	474,296
1998	673,865	190,397	179,058	44,844	7,439	1,599	5,659	5,994	55,400	58,123	11,339	483,468
2000	716,963	200,953	188,737	46,422	10,474	1,617	5,604	5,990	57,114	61,516	12,216	516,010
2001	721,625	202,583	190,669	45,575	11,900	1,622	5,497	5,911	57,467	62,697	11,914	519,042
Male												
1994	537,061	202,284	149,675	33,347	17,533	2,665	7,864	9,588	18,749	59,929	52,609	334,777
1995	531,146	202,217	149,796	35,915	17,706	2,954	7,360	9,605	19,638	56,618	52,421	328,929
1996	528,000	203,341	151,543	39,100	17,773	2,972	7,084	9,694	19,965	54,955	51,798	324,659
1997	525,282	201,471	150,589	39,967	18,490	2,924	6,834	9,382	19,491	53,501	50,882	323,811
1998	525,714	200,221	150,646	40,235	20,235	2,722	6,435	9,279	19,057	52,683	49,575	325,493
2000	536,158	197,669	150,349	36,726	26,914	2,430	6,131	8,590	17,540	52,018	47,320	338,489
2001	536,023	197,623	150,279	33,981	31,284	2,346	5,958	8,252	16,701	51,757	47,344	338,400
Percent												
Female												
1994	54.6	45.8	51.8	48.9	28.6	31.1	46.3	34.6	73.1	49.0	16.5	58.7
1995	54.8	46.5	52.4	49.7	28.5	34.0	46.9	35.5	73.0	49.8	17.3	58.7
1996	55.2	47.1	52.9	50.2	27.6	33.3	45.8	37.0	73.0	50.8	17.9	59.2
1997	55.7	48.1	53.8	51.6	27.2	34.5	46.3	38.5	73.9	51.8	18.4	59.4
1998	56.2	48.7	54.3	52.7	26.9	37.0	46.8	39.2	74.4	52.5	18.6	59.8
2000	57.2	50.4	55.7	55.8	28.0	40.0	47.8	41.1	76.5	54.2	20.5	60.4
2001	57.4	50.6	55.9	57.3	27.6	40.9	48.0	41.7	77.5	54.8	20.1	60.5

NOTE: 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, 1994–2001.

TABLE C-5. Bachelor's degrees, by field and sex: 1994–2001

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Field and sex	1994	1995	1996	1997	1998	2000	2001
All fields	1,183,141	1,174,436	1,179,815	1,186,589	1,199,579	1,253,121	1,257,648
S&E	373,261	378,148	384,674	388,482	390,618	398,622	400,206
Sciences	310,249	314,777	321,560	326,130	329,704	339,086	340,948
Agricultural sciences	12,947	14,580	16,388	17,361	17,967	18,244	17,467
Biological sciences	52,321	56,890	62,081	65,139	67,112	64,904	62,089
Computer sciences	24,553	24,769	24,545	25,393	27,674	37,388	43,184
Earth, atmospheric, and ocean sciences	3,868	4,478	4,457	4,466	4,321	4,047	3,968
Atmospheric	405	444	434	431	443	490	456
Earth	3,266	3,820	3,838	3,830	3,665	3,359	3,334
Ocean	197	214	185	205	213	198	178
Mathematics/statistics	14,632	13,851	13,076	12,723	12,094	11,735	11,455
Physical sciences	14,655	14,897	15,396	15,264	15,273	14,580	14,163
Astronomy	163	169	148	140	168	160	240
Chemistry	9,641	10,016	10,713	10,926	10,873	10,390	9,822
Physics	4,005	3,836	3,703	3,393	3,455	3,362	3,457
Other	846	876	832	805	777	668	644
Psychology	69,768	72,601	73,828	74,734	74,457	74,654	74,168
Social sciences	117,505	112,711	111,789	111,050	110,806	113,534	114,454
Anthropology	5,632	5,806	6,389	6,759	6,894	7,057	6,898
Area/ethnic studies	5,098	5,176	5,197	5,257	5,441	5,617	5,561
Economics	20,945	19,083	17,896	17,701	18,244	19,400	20,377
History of science	22	29	21	31	39	92	101
Linguistics	611	564	619	577	680	727	757
Political science and public administration	45,610	41,978	39,928	37,807	36,654	36,439	36,651
Sociology	22,468	22,974	24,169	24,750	24,884	25,685	25,363
Other	17,119	17,101	17,570	18,168	17,970	18,517	18,746
Engineering	63,012	63,371	63,114	62,352	60,914	59,536	59,258
Aerospace	2,330	1,771	1,642	1,290	1,247	1,267	1,498
Chemical	5,636	6,391	6,708	6,977	6,721	6,219	6,088
Civil	10,603	11,329	12,053	12,010	11,522	9,596	8,949
Electrical	18,241	17,579	16,667	16,434	16,322	17,672	18,371
Industrial	3,453	3,519	3,727	3,997	3,988	3,937	3,818
Materials	1,106	1,046	1,004	1,063	1,007	972	930
Mechanical	15,297	15,141	14,509	13,806	13,363	13,109	13,160
Other	6,346	6,595	6,804	6,775	6,744	6,764	6,444
Female							
All fields	646,080	643,290	651,815	661,307	673,865	716,963	721,625
S&E	170,977	175,931	181,333	187,011	190,397	200,953	202,583
Sciences	160,574	164,981	170,017	175,541	179,058	188,737	190,669
Agricultural sciences	4,941	5,637	6,504	7,267	7,743	8,464	8,491
Biological sciences	26,980	29,918	32,865	35,266	37,101	37,958	37,084
Computer sciences	7,020	7,063	6,772	6,903	7,439	10,474	11,900
Earth, atmospheric, and ocean sciences	1,203	1,524	1,485	1,542	1,599	1,617	1,622
Atmospheric	76	82	86	83	104	114	132
Earth	1,072	1,364	1,334	1,385	1,403	1,409	1,400
Ocean	55	78	65	74	92	94	90
Mathematics/statistics	6,768	6,491	5,992	5,889	5,659	5,604	5,497
Physical sciences	5,067	5,292	5,702	5,882	5,994	5,990	5,911
Astronomy	46	52	55	46	58	54	95
Chemistry	3,969	4,233	4,622	4,883	4,973	4,907	4,775
Physics	710	675	684	652	666	724	756
Other	342	332	341	301	297	305	285
Psychology	51,019	52,963	53,863	55,243	55,400	57,114	57,467
Social sciences	57,576	56,093	56,834	57,549	58,123	61,516	62,697
Anthropology	3,576	3,689	4,058	4,313	4,480	4,742	4,706
Area/ethnic studies	3,151	3,094	3,217	3,256	3,441	3,572	3,657

TABLE C-5. Bachelor's degrees, by field and sex: 1994–2001

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Field and sex	1994	1995	1996	1997	1998	2000	2001
Economics	6,135	5,848	5,372	5,448	5,791	6,384	6,924
History of science	6	15	9	17	18	52	56
Linguistics	438	411	438	393	483	498	512
Political science and public administration	20,474	18,968	18,350	17,854	17,320	18,347	18,637
Sociology	15,313	15,539	16,375	16,904	17,122	18,028	17,923
Other	8,483	8,529	9,015	9,364	9,468	9,893	10,282
Engineering	10,403	10,950	11,316	11,470	11,339	12,216	11,914
Aerospace	295	230	247	202	197	238	304
Chemical	1,683	2,024	2,171	2,276	2,196	2,203	2,055
Civil	1,984	2,298	2,424	2,569	2,576	2,333	2,041
Electrical	2,251	2,170	1,972	2,018	2,012	2,350	2,542
Industrial	1,014	1,026	1,097	1,079	1,020	1,307	1,224
Materials	240	247	223	259	235	268	263
Mechanical	1,743	1,700	1,736	1,635	1,636	1,784	1,739
Other	1,193	1,255	1,446	1,432	1,467	1,733	1,746
Male							
All fields	537,061	531,146	528,000	525,282	525,714	536,158	536,023
S&E	202,284	202,217	203,341	201,471	200,221	197,669	197,623
Sciences	149,675	149,796	151,543	150,589	150,646	150,349	150,279
Agricultural sciences	8,006	8,943	9,884	10,094	10,224	9,780	8,976
Biological sciences	25,341	26,972	29,216	29,873	30,011	26,946	25,005
Computer sciences	17,533	17,706	17,773	18,490	20,235	26,914	31,284
Earth, atmospheric, and ocean sciences	2,665	2,954	2,972	2,924	2,722	2,430	2,346
Atmospheric	329	362	348	348	339	376	324
Earth	2,194	2,456	2,504	2,445	2,262	1,950	1,934
Ocean	142	136	120	131	121	104	88
Mathematics/statistics	7,864	7,360	7,084	6,834	6,435	6,131	5,958
Physical sciences	9,588	9,605	9,694	9,382	9,279	8,590	8,252
Astronomy	117	117	93	94	110	106	145
Chemistry	5,672	5,783	6,091	6,043	5,900	5,483	5,047
Physics	3,295	3,161	3,019	2,741	2,789	2,638	2,701
Other	504	544	491	504	480	363	359
Psychology	18,749	19,638	19,965	19,491	19,057	17,540	16,701
Social sciences	59,929	56,618	54,955	53,501	52,683	52,018	51,757
Anthropology	2,056	2,117	2,331	2,446	2,414	2,315	2,192
Area/ethnic studies	1,947	2,082	1,980	2,001	2,000	2,045	1,904
Economics	14,810	13,235	12,524	12,253	12,453	13,016	13,453
History of science	16	14	12	14	21	40	45
Linguistics	173	153	181	184	197	229	245
Political science and public administration	25,136	23,010	21,578	19,953	19,334	18,092	18,014
Sociology	7,155	7,435	7,794	7,846	7,762	7,657	7,440
Other	8,636	8,572	8,555	8,804	8,502	8,624	8,464
Engineering	52,609	52,421	51,798	50,882	49,575	47,320	47,344
Aerospace	2,035	1,541	1,395	1,088	1,050	1,029	1,194
Chemical	3,953	4,367	4,537	4,701	4,525	4,016	4,033
Civil	8,619	9,031	9,629	9,441	8,946	7,263	6,908
Electrical	15,990	15,409	14,695	14,416	14,310	15,322	15,829
Industrial	2,439	2,493	2,630	2,918	2,968	2,630	2,594
Materials	866	799	781	804	772	704	667
Mechanical	13,554	13,441	12,773	12,171	11,727	11,325	11,421
Other	5,153	5,340	5,358	5,343	5,277	5,031	4,698

NOTE: 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, 1994–2001.

TABLE C-6. Bachelor's degrees, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
All recipients	1,183,141	1,174,436	1,179,815	1,186,589	1,199,579	1,253,121	1,257,648
S&E	395,380	378,148	384,674	388,482	390,618	398,622	400,206
Sciences	332,418	314,777	321,560	326,130	329,704	339,086	340,948
Agricultural sciences	13,165	14,580	16,388	17,361	17,967	18,244	17,467
Biological sciences	52,213	56,890	62,081	65,139	67,112	64,904	62,089
Computer sciences	24,458	24,769	24,545	25,393	27,674	37,388	43,184
Mathematics	14,431	13,851	13,076	12,723	12,094	11,735	11,455
Physical sciences	18,525	19,375	19,853	19,730	19,594	18,627	18,131
Psychology	69,768	72,601	73,828	74,734	74,457	74,654	74,168
Social sciences	139,858	112,711	111,789	111,050	110,806	113,534	114,454
Engineering	62,962	63,371	63,114	62,352	60,914	59,536	59,258
Non-S&E	787,761	796,288	795,141	798,107	808,961	854,499	857,442
U.S. citizen/permanent resident							
All fields	1,148,914	1,137,424	1,142,028	1,147,815	1,160,692	1,214,326	1,218,169
S&E	381,451	363,463	369,927	373,745	375,909	383,438	384,492
Sciences	323,029	304,902	311,576	316,190	319,638	328,435	329,653
Agricultural sciences	12,919	14,322	16,118	17,108	17,674	17,986	17,219
Biological sciences	51,058	55,607	60,714	63,677	65,689	63,528	60,652
Computer sciences	22,185	22,472	22,359	23,378	25,537	34,502	39,792
Mathematics	13,869	13,258	12,525	12,190	11,641	11,256	11,029
Physical sciences	17,812	18,652	19,167	19,059	18,919	18,049	17,524
Psychology	68,913	71,659	72,812	73,685	73,287	73,390	72,885
Social sciences	136,273	108,932	107,881	107,093	106,891	109,724	110,552
Engineering	58,422	58,561	58,351	57,555	56,271	55,003	54,839
Non-S&E	767,463	773,961	772,101	774,070	784,783	830,888	833,677
White							
All fields	918,124	892,785	884,128	877,759	878,018	895,129	888,412
S&E	297,616	275,819	276,786	274,800	272,561	270,416	267,848
Sciences	252,929	232,053	233,643	233,134	231,987	231,349	229,081
Agricultural sciences	11,733	12,873	14,399	15,246	15,616	15,655	14,950
Biological sciences	37,942	40,697	43,739	45,387	45,912	43,907	41,325
Computer sciences	15,816	15,601	15,577	15,846	17,069	21,719	24,491
Mathematics	11,089	10,486	9,799	9,432	8,903	8,395	8,173
Physical sciences	14,616	14,952	15,088	14,920	14,566	13,657	13,248
Psychology	54,870	55,914	55,905	55,346	54,225	52,397	51,562
Social sciences	106,863	81,530	79,136	76,957	75,696	75,619	75,332
Engineering	44,687	43,766	43,143	41,666	40,574	39,067	38,767
Non-S&E	620,508	616,966	607,342	602,959	605,457	624,713	620,564
Asian/Pacific Islander							
All fields	54,675	59,295	63,117	67,358	69,988	75,265	75,496
S&E	26,420	28,604	30,419	32,568	34,004	35,553	36,398
Sciences	19,904	21,819	23,619	25,483	27,002	28,699	29,373
Agricultural sciences	173	282	307	396	439	454	399
Biological sciences	5,959	7,045	7,967	8,541	8,869	8,025	7,493
Computer sciences	2,247	2,371	2,454	2,803	3,220	5,401	6,326
Mathematics	926	964	910	852	834	891	916
Physical sciences	1,096	1,347	1,559	1,620	1,676	1,560	1,430
Psychology	2,777	3,331	3,666	4,067	4,267	4,188	4,150
Social sciences	6,726	6,479	6,756	7,204	7,697	8,180	8,659
Engineering	6,516	6,785	6,800	7,085	7,002	6,854	7,025
Non-S&E	28,255	30,691	32,698	34,790	35,984	39,712	39,098
Black							
All fields	82,316	85,287	89,554	92,067	95,878	104,212	106,648
S&E	26,289	26,911	28,397	29,825	30,751	32,924	33,290
Sciences	23,630	24,066	25,397	26,748	27,732	29,861	30,406
Agricultural sciences	268	253	341	367	409	450	428

TABLE C-6. Bachelor's degrees, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
Biological sciences	2,980	3,232	3,812	4,124	4,553	4,739	4,693
Computer sciences	2,398	2,517	2,427	2,432	2,666	3,497	4,291
Mathematics	992	958	942	1,016	966	905	808
Physical sciences	921	1,034	1,100	1,110	1,127	1,141	1,052
Psychology	5,236	5,741	6,028	6,647	6,852	7,572	7,562
Social sciences	10,835	10,331	10,747	11,052	11,159	11,557	11,572
Engineering	2,659	2,845	3,000	3,077	3,019	3,063	2,884
Non-S&E	56,027	58,376	61,157	62,242	65,127	71,288	73,358
Hispanic							
All fields	62,683	66,691	71,015	74,938	78,125	88,324	89,972
S&E	20,529	21,359	22,886	24,445	25,712	27,984	28,321
Sciences	17,386	17,708	19,155	20,320	21,587	23,909	24,305
Agricultural sciences	336	383	504	559	631	634	607
Biological sciences	2,901	3,101	3,531	3,795	4,283	4,446	4,547
Computer sciences	1,135	1,314	1,284	1,327	1,473	2,155	2,354
Mathematics	543	522	556	560	604	599	625
Physical sciences	733	800	872	853	914	1,010	1,027
Psychology	3,990	4,543	5,036	5,282	5,509	6,127	6,178
Social sciences	7,748	7,045	7,372	7,944	8,173	8,938	8,967
Engineering	3,143	3,651	3,731	4,125	4,125	4,075	4,016
Non-S&E	42,154	45,332	48,129	50,493	52,413	60,340	61,651
American Indian/Alaskan Native							
All fields	6,064	6,454	6,813	7,238	7,706	8,431	8,664
S&E	2,004	1,995	2,149	2,298	2,392	2,611	2,796
Sciences	1,786	1,774	1,906	2,035	2,138	2,283	2,540
Agricultural sciences	109	124	139	146	151	190	215
Biological sciences	246	285	317	341	399	379	431
Computer sciences	78	110	89	99	112	172	271
Mathematics	59	58	53	57	65	69	51
Physical sciences	83	98	104	100	106	108	108
Psychology	394	407	470	496	515	518	561
Social sciences	817	692	734	796	790	847	903
Engineering	218	221	243	263	254	328	256
Non-S&E	4,060	4,459	4,664	4,940	5,314	5,820	5,868
Unknown race/ethnicity							
All fields	25,052	26,912	27,401	28,455	30,977	42,965	48,977
S&E	8,593	8,775	9,290	9,809	10,489	13,950	15,839
Sciences	7,394	7,482	7,856	8,470	9,192	12,334	13,948
Agricultural sciences	300	407	428	394	428	603	620
Biological sciences	1,030	1,247	1,348	1,489	1,673	2,032	2,163
Computer sciences	511	559	528	871	997	1,558	2,059
Mathematics	260	270	265	273	269	397	456
Physical sciences	363	421	444	456	530	573	659
Psychology	1,646	1,723	1,707	1,847	1,919	2,588	2,872
Social sciences	3,284	2,855	3,136	3,140	3,376	4,583	5,119
Engineering	1,199	1,293	1,434	1,339	1,297	1,616	1,891
Non-S&E	16,459	18,137	18,111	18,646	20,488	29,015	33,138
Temporary resident							
All fields	34,227	37,012	37,787	38,774	38,887	38,795	39,479
S&E	13,929	14,685	14,747	14,737	14,709	15,184	15,714
Sciences	9,389	9,875	9,984	9,940	10,066	10,651	11,295
Agricultural sciences	246	258	270	253	293	258	248
Biological sciences	1,155	1,283	1,367	1,462	1,423	1,376	1,437
Computer sciences	2,273	2,297	2,186	2,015	2,137	2,886	3,392
Mathematics	562	593	551	533	453	479	426
Physical sciences	713	723	686	671	675	578	607

TABLE C-6. Bachelor's degrees, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
Psychology	855	942	1,016	1,049	1,170	1,264	1,283
Social sciences	3,585	3,779	3,908	3,957	3,915	3,810	3,902
Engineering	4,540	4,810	4,763	4,797	4,643	4,533	4,419
Non-S&E	20,298	22,327	23,040	24,037	24,178	23,611	23,765

NOTES: Physical sciences include earth, atmospheric, and ocean sciences; physics; astronomy; and chemistry. Data on race/ethnicity were collected on broad fields of study only until 1994; therefore 1994 data could not be adjusted to the exact field taxonomies used by the National Science Foundation (NSF). The primary difference between 1994 and later years is that history was included in social sciences in 1994 but is included in non-S&E from 1995 on. Racial/ethnic breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data are not available for 1999.

SOURCE: NSF, 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, 1994–2001.

TABLE C-7. Field distribution of U.S.-citizen and permanent-resident bachelor's degree recipients, by race/ethnicity: 1994–2001

(Percent) Page 1 of 2

Race/ethnicity	1994	1995	1996	1997	1998	2000	2001
White							
All fields	79.9	78.5	77.4	76.5	75.6	73.7	72.9
S&E	78.0	75.9	74.8	73.5	72.5	70.5	69.7
Sciences	78.3	76.1	75.0	73.7	72.6	70.4	69.5
Agricultural sciences	90.8	89.9	89.3	89.1	88.4	87.0	86.8
Biological sciences	74.3	73.2	72.0	71.3	69.9	69.1	68.1
Computer sciences	71.3	69.4	69.7	67.8	66.8	62.9	61.5
Mathematics	80.0	79.1	78.2	77.4	76.5	74.6	74.1
Physical sciences	82.1	80.2	78.7	78.3	77.0	75.7	75.6
Psychology	79.6	78.0	76.8	75.1	74.0	71.4	70.7
Social sciences	78.4	74.8	73.4	71.9	70.8	68.9	68.1
Engineering	76.5	74.7	73.9	72.4	72.1	71.0	70.7
Non-S&E	80.9	79.7	78.7	77.9	77.1	75.2	74.4
Asian/Pacific Islander							
All fields	4.8	5.2	5.5	5.9	6.0	6.2	6.2
S&E	6.9	7.9	8.2	8.7	9.0	9.3	9.5
Sciences	6.2	7.2	7.6	8.1	8.4	8.7	8.9
Agricultural sciences	1.3	2.0	1.9	2.3	2.5	2.5	2.3
Biological sciences	11.7	12.7	13.1	13.4	13.5	12.6	12.4
Computer sciences	10.1	10.6	11.0	12.0	12.6	15.7	15.9
Mathematics	6.7	7.3	7.3	7.0	7.2	7.9	8.3
Physical sciences	6.2	7.2	8.1	8.5	8.9	8.6	8.2
Psychology	4.0	4.6	5.0	5.5	5.8	5.7	5.7
Social sciences	4.9	5.9	6.3	6.7	7.2	7.5	7.8
Engineering	11.2	11.6	11.7	12.3	12.4	12.5	12.8
Non-S&E	3.7	4.0	4.2	4.5	4.6	4.8	4.7
Black							
All fields	7.2	7.5	7.8	8.0	8.3	8.6	8.8
S&E	6.9	7.4	7.7	8.0	8.2	8.6	8.7
Sciences	7.3	7.9	8.2	8.5	8.7	9.1	9.2
Agricultural sciences	2.1	1.8	2.1	2.1	2.3	2.5	2.5
Biological sciences	5.8	5.8	6.3	6.5	6.9	7.5	7.7
Computer sciences	10.8	11.2	10.9	10.4	10.4	10.1	10.8
Mathematics	7.2	7.2	7.5	8.3	8.3	8.0	7.3
Physical sciences	5.2	5.5	5.7	5.8	6.0	6.3	6.0
Psychology	7.6	8.0	8.3	9.0	9.3	10.3	10.4
Social sciences	8.0	9.5	10.0	10.3	10.4	10.5	10.5
Engineering	4.6	4.9	5.1	5.3	5.4	5.6	5.3
Non-S&E	7.3	7.5	7.9	8.0	8.3	8.6	8.8
Hispanic							
All fields	5.5	5.9	6.2	6.5	6.7	7.3	7.4
S&E	5.4	5.9	6.2	6.5	6.8	7.3	7.4
Sciences	5.4	5.8	6.1	6.4	6.8	7.3	7.4
Agricultural sciences	2.6	2.7	3.1	3.3	3.6	3.5	3.5
Biological sciences	5.7	5.6	5.8	6.0	6.5	7.0	7.5
Computer sciences	5.1	5.8	5.7	5.7	5.8	6.2	5.9
Mathematics	3.9	3.9	4.4	4.6	5.2	5.3	5.7
Physical sciences	4.1	4.3	4.5	4.5	4.8	5.6	5.9
Psychology	5.8	6.3	6.9	7.2	7.5	8.3	8.5
Social sciences	5.7	6.5	6.8	7.4	7.6	8.1	8.1
Engineering	5.4	6.2	6.4	7.2	7.3	7.4	7.3
Non-S&E	5.5	5.9	6.2	6.5	6.7	7.3	7.4

TABLE C-7. Field distribution of U.S.-citizen and permanent-resident bachelor's degree recipients, by race/ethnicity: 1994–2001

(Percent) Page 2 of 2

Race/ethnicity	1994	1995	1996	1997	1998	2000	2001
American Indian/Alaskan Native							
All fields	0.5	0.6	0.6	0.6	0.7	0.7	0.7
S&E	0.5	0.5	0.6	0.6	0.6	0.7	0.7
Sciences	0.6	0.6	0.6	0.6	0.7	0.7	0.8
Agricultural sciences	0.8	0.9	0.9	0.9	0.9	1.1	1.2
Biological sciences	0.5	0.5	0.5	0.5	0.6	0.6	0.7
Computer sciences	0.4	0.5	0.4	0.4	0.4	0.5	0.7
Mathematics	0.4	0.4	0.4	0.5	0.6	0.6	0.5
Physical sciences	0.5	0.5	0.5	0.5	0.6	0.6	0.6
Psychology	0.6	0.6	0.6	0.7	0.7	0.7	0.8
Social sciences	0.6	0.6	0.7	0.7	0.7	0.8	0.8
Engineering	0.4	0.4	0.4	0.5	0.5	0.6	0.5
Non-S&E	0.5	0.6	0.6	0.6	0.7	0.7	0.7
Unknown race/ethnicity							
All fields	2.2	2.4	2.4	2.5	2.7	3.5	4.0
S&E	2.3	2.4	2.5	2.6	2.8	3.6	4.1
Sciences	2.3	2.5	2.5	2.7	2.9	3.8	4.2
Agricultural sciences	2.3	2.8	2.7	2.3	2.4	3.4	3.6
Biological sciences	2.0	2.2	2.2	2.3	2.5	3.2	3.6
Computer sciences	2.3	2.5	2.4	3.7	3.9	4.5	5.2
Mathematics	1.9	2.0	2.1	2.2	2.3	3.5	4.1
Physical sciences	2.0	2.3	2.3	2.4	2.8	3.2	3.8
Psychology	2.4	2.4	2.3	2.5	2.6	3.5	3.9
Social sciences	2.4	2.6	2.9	2.9	3.2	4.2	4.6
Engineering	2.1	2.2	2.5	2.3	2.3	2.9	3.4
Non-S&E	2.1	2.3	2.3	2.4	2.6	3.5	4.0

NOTES: Physical sciences include earth, atmospheric, and ocean sciences; physics; astronomy; and chemistry. Data on race/ethnicity were collected on broad fields of study only until 1994; therefore 1994 data could not be adjusted to the exact field taxonomies used by the National Science Foundation (NSF). The primary difference between 1994 and later years is that history was included in social sciences in 1994 but is included in non-S&E from 1995 on. Racial/ethnic breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data are not available for 1999.

SOURCE: NSF, 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, 1994–2001.

TABLE C-8. Bachelor's degrees awarded in engineering, by sex, race/ethnicity, and citizenship: 1990–2002

Year	Total	Female	Male	U.S. citizen/permanent resident					
				White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Temporary resident
1990	65,967	10,130	55,837	50,099	5,989	2,173	2,473	112	5,121
1991	63,986	10,016	53,970	48,028	6,305	2,304	2,663	146	4,540
1992	63,653	9,972	53,681	47,540	6,479	2,374	2,708	163	4,389
1993	65,001	10,453	54,548	47,976	6,764	2,637	2,845	175	4,604
1994	64,946	10,800	54,146	47,136	6,881	2,769	3,045	207	4,908
1995	64,749	11,303	53,446	46,264	7,056	2,897	3,409	230	4,893
1996	65,267	11,737	53,530	45,952	7,333	3,120	3,557	263	5,042
1997	65,091	12,160	52,931	44,976	7,625	3,203	4,005	265	5,017
1998	63,271	11,797	51,474	43,623	7,131	3,144	3,939	351	5,083
1999	62,500	12,360	50,140	42,650	7,226	3,171	4,073	328	5,052
2000	63,635	13,140	50,495	43,437	7,529	3,150	4,124	347	5,048
2001	65,195	13,195	52,000	44,407	8,340	3,182	4,152	275	4,839
2002	68,648	14,102	54,546	47,149	8,669	3,358	4,298	315	4,859

NOTES: Racial/ethnic breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups.

SOURCE: Engineering Workforce Commission, *Engineering and Technology Degrees, 2002* (Washington, DC, 2002).

TABLE C-9. Bachelor's degrees, by field, citizenship, and race/ethnicity: 2001

Field	All recipients	U.S. citizen/permanent resident							
		All U.S. citizens/permanent residents	White	Asian/Pacific Islander	Black	Hispanic	American Indian/Alaskan Native	Unknown	Temporary resident
All fields	1,257,648	1,218,169	888,412	75,496	106,648	89,972	8,664	48,977	39,479
S&E	400,206	384,492	267,848	36,398	33,290	28,321	2,796	15,839	15,714
Sciences	340,948	329,653	229,081	29,373	30,406	24,305	2,540	13,948	11,295
Agricultural sciences	17,467	17,219	14,950	399	428	607	215	620	248
Biological sciences	62,089	60,652	41,325	7,493	4,693	4,547	431	2,163	1,437
Computer sciences	43,184	39,792	24,491	6,326	4,291	2,354	271	2,059	3,392
Earth, atmospheric, and ocean sciences	3,968	3,919	3,436	86	56	157	35	149	49
Atmospheric	456	454	395	14	2	15	5	23	2
Earth	3,334	3,288	2,888	64	52	130	29	125	46
Ocean	178	177	153	8	2	12	1	1	1
Mathematics	11,455	11,029	8,173	916	808	625	51	456	426
Physical sciences	14,163	13,605	9,812	1,344	996	870	73	510	558
Astronomy	240	227	185	12	2	16	2	10	13
Chemistry	9,822	9,487	6,505	1,126	827	669	47	313	335
Physics	3,457	3,275	2,625	184	133	151	19	163	182
Other	644	616	497	22	34	34	5	24	28
Psychology	74,168	72,885	51,562	4,150	7,562	6,178	561	2,872	1,283
Social sciences	114,454	110,552	75,332	8,659	11,572	8,967	903	5,119	3,902
Anthropology	6,898	6,778	5,222	332	242	465	93	424	120
Area and ethnic studies	5,561	5,394	2,938	714	691	648	106	297	167
Economics	20,377	18,553	12,419	3,082	1,089	1,030	68	865	1,824
History of science	101	98	57	15	6	5	0	15	3
Linguistics	757	680	499	69	24	45	2	41	77
Political science and public administration	36,651	35,504	24,963	2,228	3,554	2,925	234	1,600	1,147
Sociology	25,363	25,105	16,105	1,300	4,200	2,291	225	984	258
Other	18,746	18,440	13,129	919	1,766	1,558	175	893	306
Engineering	59,258	54,839	38,767	7,025	2,884	4,016	256	1,891	4,419
Aerospace	1,498	1,350	1,058	103	39	92	8	50	148
Chemical	6,088	5,664	4,061	702	373	341	31	156	424
Civil	8,949	8,537	6,615	521	329	742	65	265	412
Electrical	18,371	16,529	9,891	3,522	1,082	1,302	56	676	1,842
Industrial	3,818	3,343	2,330	319	237	356	17	84	475
Materials	930	888	708	88	27	34	4	27	42
Mechanical	13,160	12,416	9,541	998	515	880	51	431	744
Other	6,444	6,112	4,563	772	282	269	24	202	332
Non-S&E	857,442	833,677	620,564	39,098	73,358	61,651	5,868	33,138	23,765

NOTES: Racial/ethnic breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups.

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, 2001.

TABLE C-10. Bachelor's degrees awarded to U.S.-citizen and permanent-resident blacks, by institution type and field: 1994–2001

Institution type and field	1994	1995	1996	1997	1998	2000	2001
	Number of recipients						
All institutions							
All fields	82,316	85,287	89,554	92,067	95,878	104,212	106,648
S&E	26,289	27,528	29,055	30,444	31,398	33,462	33,290
Sciences	23,630	24,683	26,055	27,368	28,380	30,400	30,406
Agricultural sciences	268	263	363	387	426	458	428
Biological sciences	2,980	3,231	3,811	4,123	4,550	4,734	4,693
Computer sciences	2,398	2,498	2,415	2,370	2,580	3,330	4,291
Mathematical sciences	992	995	981	1,071	1,030	971	808
Physical sciences	921	1,034	1,100	1,110	1,127	1,141	1,052
Psychology	5,236	5,741	6,028	6,647	6,852	7,572	7,562
Social sciences	10,835	10,921	11,357	11,660	11,815	12,194	11,572
Engineering	2,659	2,845	3,000	3,076	3,018	3,062	2,884
Non-S&E	56,027	57,759	60,499	61,623	64,480	70,750	73,358
Historically black colleges and universities							
All fields	23,426	23,989	25,425	25,215	25,546	25,558	25,142
S&E	7,804	8,361	8,980	9,071	9,151	8,773	8,682
Sciences	7,114	7,563	8,086	8,166	8,308	8,079	8,013
Agricultural sciences	134	123	197	216	220	218	198
Biological sciences	1,197	1,357	1,628	1,841	1,920	1,884	1,943
Computer sciences	904	967	979	834	904	987	1,220
Mathematical sciences	449	466	443	478	442	427	345
Physical sciences	421	471	547	503	485	496	471
Psychology	1,308	1,432	1,512	1,653	1,636	1,682	1,677
Social sciences	2,701	2,747	2,780	2,641	2,701	2,385	2,159
Engineering	690	798	894	905	843	694	669
Non-S&E	15,622	15,628	16,445	16,144	16,395	16,785	16,460
	Percent						
Historically black colleges and universities							
All fields	28.5	28.1	28.4	27.4	26.6	24.5	23.6
S&E	29.7	30.4	30.9	29.8	29.1	26.2	26.1
Sciences	30.1	30.6	31.0	29.8	29.3	26.6	26.4
Agricultural sciences	50.0	46.8	54.3	55.8	51.6	47.6	46.3
Biological sciences	40.2	42.0	42.7	44.7	42.2	39.8	41.4
Computer sciences	37.7	38.7	40.5	35.2	35.0	29.6	28.4
Mathematical sciences	45.3	46.8	45.2	44.6	42.9	44.0	42.7
Physical sciences	45.7	45.6	49.7	45.3	43.0	43.5	44.8
Psychology	25.0	24.9	25.1	24.9	23.9	22.2	22.2
Social sciences	24.9	25.2	24.5	22.7	22.9	19.6	18.7
Engineering	25.9	28.0	29.8	29.4	27.9	22.7	23.2
Non-S&E	27.9	27.1	27.2	26.2	25.4	23.7	22.4

NOTES: Physical sciences include earth, atmospheric, and ocean sciences; physics; astronomy; and chemistry. Data on race/ethnicity were collected on broad fields of study only until 1994; therefore, 1994 data could not be adjusted to the exact field taxonomies used by the National Science Foundation (NSF). The primary difference between 1994 and later years is that history was included in social sciences in 1994 but is included in non-S&E from 1995 on. Data are not available for 1999.

SOURCE: NSF, 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, 1994–2001.

TABLE C-11. Bachelor's degrees awarded to U.S.-citizen and permanent-resident Hispanics, by institution type and field: 1994–2001

Institution type and field	1994	1995	1996	1997	1998	2000	2001
	Number of recipients						
All institutions							
All fields	62,683	66,691	71,015	74,938	78,125	88,324	89,972
S&E	20,529	21,359	22,886	24,445	25,712	27,984	28,321
Sciences	17,386	17,708	19,155	20,320	21,587	23,909	24,305
Agricultural sciences	336	383	504	559	631	634	607
Biological sciences	2,901	3,101	3,531	3,795	4,283	4,446	4,547
Computer sciences	1,135	1,314	1,284	1,327	1,473	2,155	2,354
Mathematical sciences	543	522	556	560	604	599	625
Physical sciences	733	800	872	853	914	1,010	1,027
Psychology	3,990	4,543	5,036	5,282	5,509	6,127	6,178
Social sciences	7,748	7,045	7,372	7,944	8,173	8,938	8,967
Engineering	3,143	3,651	3,731	4,125	4,125	4,075	4,016
Non-S&E	42,154	45,332	48,129	50,493	52,413	60,340	61,651
Hispanic-serving institutions							
All fields	25,568	26,924	28,439	29,407	29,555	33,847	34,062
S&E	6,758	7,309	7,793	8,399	8,624	9,383	9,494
Sciences	5,585	5,744	6,291	6,695	7,035	7,822	7,897
Agricultural sciences	97	119	155	188	190	202	214
Biological sciences	1,296	1,298	1,512	1,607	1,826	1,986	2,027
Computer sciences	473	512	518	485	544	696	726
Mathematical sciences	168	182	199	216	202	218	202
Physical sciences	324	398	423	401	428	518	472
Psychology	1,363	1,485	1,633	1,707	1,774	2,006	2,047
Social sciences	1,864	1,750	1,851	2,091	2,071	2,196	2,209
Engineering	1,173	1,565	1,502	1,704	1,589	1,561	1,597
Non-S&E	18,810	19,615	20,646	21,008	20,931	24,464	24,568
	Percent						
Hispanic-serving institutions							
All fields	40.8	40.4	40.0	39.2	37.8	38.3	37.9
S&E	32.9	34.2	34.1	34.4	33.5	33.5	33.5
Sciences	32.1	32.4	32.8	32.9	32.6	32.7	32.5
Agricultural sciences	28.9	31.1	30.8	33.6	30.1	31.9	35.3
Biological sciences	44.7	41.9	42.8	42.3	42.6	44.7	44.6
Computer sciences	41.7	39.0	40.3	36.5	36.9	32.3	30.8
Mathematical sciences	30.9	34.9	35.8	38.6	33.4	36.4	32.3
Physical sciences	44.2	49.8	48.5	47.0	46.8	51.3	46.0
Psychology	34.2	32.7	32.4	32.3	32.2	32.7	33.1
Social sciences	24.1	24.8	25.1	26.3	25.3	24.6	24.6
Engineering	37.3	42.9	40.3	41.3	38.5	38.3	39.8
Non-S&E	44.6	43.3	42.9	41.6	39.9	40.5	39.9

NOTES: Physical sciences include earth, atmospheric, and ocean sciences; physics; astronomy; and chemistry. Data on race/ethnicity were collected on broad fields of study only until 1994; therefore, 1994 data could not be adjusted to the exact field taxonomies used by the National Science Foundation (NSF). The primary difference between 1994 and later years is that history was included in social sciences in 1994 but is included in non-S&E from 1995 on. Data are not available for 1999.

SOURCE: NSF, 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, 1994–2001.

TABLE C-12. Bachelor's degrees awarded to U.S.-citizen and permanent-resident American Indians/Alaskan Natives, by institution type and field: 1994–2001

Institution type and field	1994	1995	1996	1997	1998	2000	2001
	Number of recipients						
All institutions							
All fields	6,064	6,454	6,813	7,238	7,706	8,431	8,664
S&E	2,004	1,995	2,149	2,298	2,392	2,611	2,796
Sciences	1,786	1,774	1,906	2,035	2,138	2,283	2,540
Agricultural sciences	109	124	139	146	151	190	215
Biological sciences	246	285	317	341	399	379	431
Computer sciences	78	110	89	99	112	172	271
Mathematical sciences	59	58	53	57	65	69	51
Physical sciences	83	98	104	100	106	108	108
Psychology	394	407	470	496	515	518	561
Social sciences	817	692	734	796	790	847	903
Engineering	218	221	243	263	254	328	256
Non-S&E	4,060	4,459	4,664	4,940	5,314	5,820	5,868
Tribal colleges and universities							
All fields	55	43	57	67	48	98	112
S&E	7	7	14	24	15	28	44
Sciences	7	7	14	24	15	28	44
Agricultural sciences	0	0	2	7	3	5	8
Biological sciences	0	0	0	0	0	0	0
Computer sciences	0	0	0	0	0	0	2
Mathematical sciences	0	0	0	0	0	0	0
Physical sciences	0	0	0	0	0	0	0
Psychology	0	0	0	0	0	0	0
Social sciences	7	7	12	17	12	23	34
Engineering	0	0	0	0	0	0	0
Non-S&E	48	36	43	43	33	70	68
	Percent						
Tribal colleges and universities							
All fields	0.9	0.7	0.8	0.9	0.6	1.2	1.3
S&E	0.3	0.4	0.7	1.0	0.6	1.1	1.6
Sciences	0.4	0.4	0.7	1.2	0.7	1.2	1.7
Agricultural sciences	0.0	0.0	1.4	4.8	2.0	2.6	3.7
Biological sciences	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Computer sciences	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Mathematical sciences	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physical sciences	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Psychology	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social sciences	0.9	1.0	1.6	2.1	1.5	2.7	3.8
Engineering	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-S&E	1.2	0.8	0.9	0.9	0.6	1.2	1.2

NOTES: Physical sciences include earth, atmospheric, and ocean sciences; physics; astronomy; and chemistry. Data on race/ethnicity were collected on broad fields of study only until 1994; therefore, 1994 data could not be adjusted to the exact field taxonomies used by the National Science Foundation (NSF). The primary difference between 1994 and later years is that history was included in social sciences in 1994 but is included in non-S&E from 1995 on. Data are not available for 1999.

SOURCE: NSF, 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, 1994–2001.

TABLE C-13. Bachelor's degrees awarded to women, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
All fields	646,080	643,290	651,815	661,307	673,865	716,963	721,625
S&E	178,888	175,931	181,333	187,011	190,397	200,953	202,583
Sciences	168,495	164,981	170,017	175,541	179,058	188,737	190,669
Agricultural sciences	4,996	5,637	6,504	7,267	7,743	8,464	8,491
Biological sciences	26,899	29,918	32,865	35,266	37,101	37,958	37,084
Computer sciences	6,992	7,063	6,772	6,903	7,439	10,474	11,900
Mathematics	6,677	6,491	5,992	5,889	5,659	5,604	5,497
Physical sciences	6,272	6,816	7,187	7,424	7,593	7,607	7,533
Psychology	51,019	52,963	53,863	55,243	55,400	57,114	57,467
Social sciences	65,640	56,093	56,834	57,549	58,123	61,516	62,697
Engineering	10,393	10,950	11,316	11,470	11,339	12,216	11,914
Non-S&E	467,192	467,359	470,482	474,296	483,468	516,010	519,042
U.S. citizen/permanent resident							
All fields	631,596	627,394	635,459	644,156	656,430	698,782	702,996
S&E	174,421	171,106	176,284	181,754	185,125	194,917	196,328
Sciences	164,576	160,722	165,588	170,960	174,414	183,507	185,191
Agricultural sciences	4,907	5,549	6,393	7,176	7,619	8,339	8,362
Biological sciences	26,319	29,257	32,111	34,473	36,358	37,129	36,227
Computer science	6,386	6,435	6,164	6,330	6,815	9,569	10,844
Mathematics	6,479	6,256	5,820	5,676	5,492	5,429	5,337
Physical science	6,026	6,566	6,938	7,184	7,347	7,382	7,285
Psychology	50,371	52,253	53,122	54,449	54,526	56,124	56,454
Social sciences	64,088	54,406	55,040	55,672	56,257	59,535	60,682
Engineering	9,845	10,384	10,696	10,794	10,711	11,410	11,137
Non-S&E	457,175	456,288	459,175	462,402	471,305	503,865	506,668
White							
All fields	497,913	485,630	484,996	485,218	489,011	506,958	504,580
S&E	132,371	126,169	128,224	129,706	130,189	133,128	132,664
Sciences	125,514	119,219	121,088	122,651	123,267	125,846	125,607
Agricultural sciences	4,400	4,899	5,600	6,236	6,554	7,101	7,121
Biological sciences	19,060	20,892	22,652	23,970	24,977	25,228	24,286
Computer sciences	3,794	3,756	3,568	3,599	3,795	4,971	5,448
Mathematics	5,169	4,954	4,584	4,387	4,164	4,049	3,928
Physical sciences	4,658	4,946	5,122	5,225	5,276	5,218	5,202
Psychology	39,979	40,673	40,735	40,826	40,307	40,003	39,977
Social sciences	48,454	39,099	38,827	38,408	38,194	39,276	39,645
Engineering	6,857	6,950	7,136	7,055	6,922	7,282	7,057
Non-S&E	365,542	359,461	356,772	355,512	358,822	373,830	371,916
Asian/Pacific Islander							
All fields	28,255	30,947	33,163	35,626	37,400	40,697	41,291
S&E	11,453	12,866	13,743	14,942	15,828	16,981	17,423
Sciences	10,172	11,421	12,307	13,468	14,261	15,317	15,739
Agricultural sciences	91	156	171	229	251	274	256
Biological sciences	2,967	3,578	4,087	4,533	4,688	4,460	4,280
Computer sciences	771	782	751	849	892	1,741	2,046
Mathematics	403	451	390	380	390	444	434
Physical sciences	448	563	651	739	773	724	700
Psychology	1,970	2,362	2,541	2,862	3,044	3,150	3,106
Social sciences	3,522	3,529	3,716	3,876	4,223	4,524	4,917
Engineering	1,281	1,445	1,436	1,474	1,567	1,664	1,684
Non-S&E	16,802	18,081	19,420	20,684	21,572	23,716	23,868
Black							
All fields	52,210	54,289	57,331	59,341	62,225	68,564	70,270
S&E	15,483	16,199	17,167	18,330	19,053	20,948	21,327
Sciences	14,608	15,200	16,131	17,273	18,011	19,858	20,301

TABLE C-13. Bachelor's degrees awarded to women, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
Agricultural sciences	131	138	171	196	230	267	261
Biological sciences	2,053	2,251	2,576	2,820	3,105	3,359	3,367
Computer sciences	1,237	1,264	1,204	1,179	1,294	1,670	1,989
Mathematics	535	500	493	533	504	471	451
Physical sciences	457	539	618	644	606	669	604
Psychology	4,004	4,339	4,610	5,056	5,308	5,926	6,005
Social sciences	6,191	6,169	6,459	6,845	6,964	7,496	7,624
Engineering	875	999	1,036	1,057	1,042	1,090	1,026
Non-S&E	36,727	38,090	40,164	41,011	43,172	47,616	48,943
Hispanic							
All fields	36,823	38,816	41,680	44,388	46,409	53,667	54,667
S&E	10,339	10,890	11,887	12,945	13,744	15,460	15,580
Sciences	9,691	10,134	11,053	12,016	12,798	14,472	14,618
Agricultural sciences	143	156	222	264	313	319	310
Biological sciences	1,603	1,761	1,969	2,196	2,460	2,710	2,791
Computer sciences	416	434	457	437	512	695	726
Mathematics	243	217	224	234	286	273	295
Physical sciences	318	363	384	385	440	505	497
Psychology	2,994	3,377	3,710	3,997	4,127	4,699	4,782
Social sciences	3,974	3,826	4,087	4,503	4,660	5,271	5,217
Engineering	648	756	834	929	946	988	962
Non-S&E	26,484	27,926	29,793	31,443	32,665	38,207	39,087
American Indian/Alaskan Native							
All fields	3,502	3,785	4,002	4,323	4,627	5,074	5,141
S&E	999	1,005	1,127	1,255	1,270	1,445	1,478
Sciences	960	960	1,079	1,188	1,223	1,356	1,414
Agricultural sciences	43	42	58	70	68	90	97
Biological sciences	134	157	174	184	208	223	237
Computer sciences	19	37	39	28	36	59	78
Mathematics	30	30	23	28	27	38	23
Physical sciences	31	32	30	43	41	53	49
Psychology	281	287	338	372	368	390	405
Social sciences	422	375	417	463	475	503	525
Engineering	39	45	48	67	47	89	64
Non-S&E	2,503	2,780	2,875	3,068	3,357	3,629	3,663
Other or unknown race/ethnicity							
All fields	12,893	13,927	14,287	15,260	16,758	23,822	27,047
S&E	3,776	3,977	4,136	4,576	5,041	6,955	7,856
Sciences	3,631	3,788	3,930	4,364	4,854	6,658	7,512
Agricultural sciences	99	158	171	181	203	288	317
Biological sciences	502	618	653	770	920	1,149	1,266
Computer sciences	149	162	145	238	286	433	557
Mathematics	99	104	106	114	121	154	206
Physical sciences	114	123	133	148	211	213	233
Psychology	1,143	1,215	1,188	1,336	1,372	1,956	2,179
Social sciences	1,525	1,408	1,534	1,577	1,741	2,465	2,754
Engineering	145	189	206	212	187	297	344
Non-S&E	9,117	9,950	10,151	10,684	11,717	16,867	19,191
Temporary resident							
All fields	14,484	15,896	16,356	17,151	17,435	18,181	18,629
S&E	4,467	4,825	5,049	5,257	5,272	6,036	6,255
Sciences	3,919	4,259	4,429	4,581	4,644	5,230	5,478
Agricultural sciences	89	88	111	91	124	125	129
Biological sciences	580	661	754	793	743	829	857
Computer sciences	606	628	608	573	624	905	1,056
Mathematics	198	235	172	213	167	175	160

TABLE C-13. Bachelor's degrees awarded to women, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
Physical sciences	246	250	249	240	246	225	248
Psychology	648	710	741	794	874	990	1,013
Social sciences	1,552	1,687	1,794	1,877	1,866	1,981	2,015
Engineering	548	566	620	676	628	806	777
Non-S&E	10,017	11,071	11,307	11,894	12,163	12,145	12,374

NOTES: Physical sciences include earth, atmospheric, and ocean sciences; physics; astronomy; and chemistry. Data on race/ethnicity were collected on broad fields of study only until 1994; therefore, 1994 data could not be adjusted to the exact field taxonomies used by the National Science Foundation (NSF). The primary difference between 1994 and later years is that history was included in social sciences in 1994 but is included in non-S&E from 1995 on. Racial/ethnic breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data are not available for 1999.

SOURCE: NSF, 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, 1994–2001.

TABLE C-14. Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
All fields	537,061	531,146	528,000	525,282	525,714	536,158	536,023
S&E	216,492	202,217	203,341	201,471	200,221	197,669	197,623
Sciences	163,923	149,796	151,543	150,589	150,646	150,349	150,279
Agricultural sciences	8,169	8,943	9,884	10,094	10,224	9,780	8,976
Biological sciences	25,314	26,972	29,216	29,873	30,011	26,946	25,005
Computer sciences	17,466	17,706	17,773	18,490	20,235	26,914	31,284
Mathematics	7,754	7,360	7,084	6,834	6,435	6,131	5,958
Physical sciences	12,253	12,559	12,666	12,306	12,001	11,020	10,598
Psychology	18,749	19,638	19,965	19,491	19,057	17,540	16,701
Social sciences	74,218	56,618	54,955	53,501	52,683	52,018	51,757
Engineering	52,569	52,421	51,798	50,882	49,575	47,320	47,344
Non-S&E	320,569	328,929	324,659	323,811	325,493	338,489	338,400
U.S. citizen/permanent resident							
All fields	517,318	510,030	506,569	503,659	504,262	515,544	515,173
S&E	207,030	192,357	193,643	191,991	190,784	188,521	188,164
Sciences	158,453	144,180	145,988	145,230	145,224	144,928	144,462
Agricultural sciences	8,012	8,773	9,725	9,932	10,055	9,647	8,857
Biological sciences	24,739	26,350	28,603	29,204	29,331	26,399	24,425
Computer sciences	15,799	16,037	16,195	17,048	18,722	24,933	28,948
Mathematics	7,390	7,002	6,705	6,514	6,149	5,827	5,692
Physical sciences	11,786	12,086	12,229	11,875	11,572	10,667	10,239
Psychology	18,542	19,406	19,690	19,236	18,761	17,266	16,431
Social sciences	72,185	54,526	52,841	51,421	50,634	50,189	49,870
Engineering	48,577	48,177	47,655	46,761	45,560	43,593	43,702
Non-S&E	310,288	317,673	312,926	311,668	313,478	327,023	327,009
White							
All fields	420,211	407,155	399,132	392,541	389,007	388,171	383,832
S&E	165,245	149,650	148,562	145,094	142,372	137,288	135,184
Sciences	127,415	112,834	112,555	110,483	108,720	105,503	103,474
Agricultural sciences	7,333	7,974	8,799	9,010	9,062	8,554	7,829
Biological sciences	18,882	19,805	21,087	21,417	20,935	18,679	17,039
Computer sciences	12,022	11,845	12,009	12,247	13,274	16,748	19,043
Mathematics	5,920	5,532	5,215	5,045	4,739	4,346	4,245
Physical sciences	9,958	10,006	9,966	9,695	9,290	8,439	8,046
Psychology	14,891	15,241	15,170	14,520	13,918	12,394	11,585
Social sciences	58,409	42,431	40,309	38,549	37,502	36,343	35,687
Engineering	37,830	36,816	36,007	34,611	33,652	31,785	31,710
Non-S&E	254,966	257,505	250,570	247,447	246,635	250,883	248,648
Asian/Pacific Islander							
All fields	26,420	28,348	29,954	31,732	32,588	34,568	34,205
S&E	14,967	15,738	16,676	17,626	18,176	18,572	18,975
Sciences							
Agricultural sciences	82	126	136	167	188	180	143
Biological sciences	2,992	3,467	3,880	4,008	4,181	3,565	3,213
Computer sciences	1,476	1,589	1,703	1,954	2,328	3,660	4,280
Mathematics	523	513	520	472	444	447	482
Physical sciences	648	784	908	881	903	836	730
Psychology	807	969	1,125	1,205	1,223	1,038	1,044
Social sciences	3,204	2,950	3,040	3,328	3,474	3,656	3,742
Engineering	5,235	5,340	5,364	5,611	5,435	5,190	5,341
Non-S&E	11,453	12,610	13,278	14,106	14,412	15,996	15,230

TABLE C-14. Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
Black							
All fields	30,106	30,998	32,223	32,726	33,653	35,648	36,378
S&E	10,806	10,712	11,230	11,495	11,698	11,976	11,963
Sciences	9,022	8,866	9,266	9,475	9,721	10,003	10,105
Agricultural sciences	137	115	170	171	179	183	167
Biological sciences	927	981	1,236	1,304	1,448	1,380	1,326
Computer sciences	1,161	1,253	1,223	1,253	1,372	1,827	2,302
Mathematics	457	458	449	483	462	434	357
Physical sciences	464	495	482	466	521	472	448
Psychology	1,232	1,402	1,418	1,591	1,544	1,646	1,557
Social sciences	4,644	4,162	4,288	4,207	4,195	4,061	3,948
Engineering	1,784	1,846	1,964	2,020	1,977	1,973	1,858
Non-S&E	19,300	20,286	20,993	21,231	21,955	23,672	24,415
Hispanic							
All fields	25,860	27,875	29,335	30,550	31,716	34,657	35,305
S&E	10,190	10,469	10,999	11,500	11,968	12,524	12,741
Sciences	7,695	7,574	8,102	8,304	8,789	9,437	9,687
Agricultural sciences	193	227	282	295	318	315	297
Biological sciences	1,298	1,340	1,562	1,599	1,823	1,736	1,756
Computer sciences	719	880	827	890	961	1,460	1,628
Mathematics	300	305	332	326	318	326	330
Physical sciences	415	437	488	468	474	505	530
Psychology	996	1,166	1,326	1,285	1,382	1,428	1,396
Social sciences	3,774	3,219	3,285	3,441	3,513	3,667	3,750
Engineering	2,495	2,895	2,897	3,196	3,179	3,087	3,054
Non-S&E	15,670	17,406	18,336	19,050	19,748	22,133	22,564
American Indian/Alaskan Native							
All fields	2,562	2,669	2,811	2,915	3,079	3,357	3,523
S&E	1,005	990	1,022	1,043	1,122	1,166	1,318
Sciences	826	814	827	847	915	927	1,126
Agricultural sciences	66	82	81	76	83	100	118
Biological sciences	112	128	143	157	191	156	194
Computer sciences	59	73	50	71	76	113	193
Mathematics	29	28	30	29	38	31	28
Physical sciences	52	66	74	57	65	55	59
Psychology	113	120	132	124	147	128	156
Social sciences	395	317	317	333	315	344	378
Engineering	179	176	195	196	207	239	192
Non-S&E	1,557	1,679	1,789	1,872	1,957	2,191	2,205
Other or unknown race/ethnicity							
All fields	12,159	12,985	13,114	13,195	14,219	19,143	21,930
S&E	4,817	4,798	5,154	5,233	5,448	6,995	7,983
Sciences	3,763	3,694	3,926	4,106	4,338	5,676	6,436
Agricultural sciences	201	249	257	213	225	315	303
Biological sciences	528	629	695	719	753	883	897
Computer sciences	362	397	383	633	711	1,125	1,502
Mathematics	161	166	159	159	148	243	250
Physical sciences	249	298	311	308	319	360	426
Psychology	503	508	519	511	547	632	693
Social sciences	1,759	1,447	1,602	1,563	1,635	2,118	2,365
Engineering	1,054	1,104	1,228	1,127	1,110	1,319	1,547
Non-S&E	7,342	8,187	7,960	7,962	8,771	12,148	13,947

TABLE C-14. Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1994–2001

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Field, citizenship, and race/ethnicity	1994	1995	1996	1997	1998	2000	2001
Temporary resident							
All fields	19,743	21,116	21,431	21,623	21,452	20,614	20,850
S&E	9,462	9,860	9,698	9,480	9,437	9,148	9,459
Sciences	5,470	5,616	5,555	5,359	5,422	5,421	5,817
Agricultural sciences	157	170	159	162	169	133	119
Biological sciences	575	622	613	669	680	547	580
Computer sciences	1,667	1,669	1,578	1,442	1,513	1,981	2,336
Mathematics	364	358	379	320	286	304	266
Physical sciences	467	473	437	431	429	353	359
Psychology	207	232	275	255	296	274	270
Social sciences	2,033	2,092	2,114	2,080	2,049	1,829	1,887
Engineering	3,992	4,244	4,143	4,121	4,015	3,727	3,642
Non-S&E	10,281	11,256	11,733	12,143	12,015	11,466	11,391

NOTES: Physical sciences include earth, atmospheric, and ocean sciences; physics; astronomy; and chemistry. Data on race/ethnicity were collected on broad fields of study only until 1994; therefore, 1994 data could not be adjusted to the exact field taxonomies used by the National Science Foundation (NSF). The primary difference between 1994 and later years is that history was included in social sciences in 1994 but is included in non-S&E from 1995 on. Racial/ethnic breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data are not available for 1999.

SOURCE: NSF, 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, 1994–2001.

TABLE C-15. Bachelor's degrees, by race/ethnicity, citizenship, sex, and field: 2001

Race/ethnicity, citizenship, and sex	All fields	All S&E	Sciences	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E
							Number of recipients						
All recipients	1,257,648	400,206	340,948	17,467	62,089	43,184	3,968	11,455	14,163	74,168	114,454	59,258	857,442
White	888,412	267,848	229,081	14,950	41,325	24,491	3,436	8,173	9,812	51,562	75,332	38,767	620,564
Asian/Pacific Islander	75,496	36,398	29,373	399	7,493	6,326	86	916	1,344	4,150	8,659	7,025	39,098
Black	106,648	33,290	30,406	428	4,693	4,291	56	808	996	7,562	11,572	2,884	73,358
Hispanic	89,972	28,321	24,305	607	4,547	2,354	157	625	870	6,178	8,967	4,016	61,651
American Indian/Alaskan Native	8,664	2,796	2,540	215	431	271	35	51	73	561	903	256	5,868
Other or unknown race/ethnicity	48,977	15,839	13,948	620	2,163	2,059	149	456	510	2,872	5,119	1,891	33,138
Temporary resident	39,479	15,714	11,295	248	1,437	3,392	49	426	558	1,283	3,902	4,419	23,765
Female	721,625	202,583	190,669	8,491	37,084	11,900	1,622	5,497	5,911	57,467	62,697	11,914	519,042
White	504,580	132,664	125,607	7,121	24,286	5,448	1,383	3,928	3,819	39,977	39,645	7,057	371,916
Asian/Pacific Islander	41,291	17,423	15,739	256	4,280	2,046	43	434	657	3,106	4,917	1,684	23,868
Black	70,270	21,327	20,301	261	3,367	1,989	24	451	580	6,005	7,624	1,026	48,943
Hispanic	54,667	15,580	14,618	310	2,791	726	83	295	414	4,782	5,217	962	39,087
American Indian/Alaskan Native	5,141	1,478	1,414	97	237	78	16	23	33	405	525	64	3,663
Other or unknown race/ethnicity	27,047	7,856	7,512	317	1,266	557	60	206	173	2,179	2,754	344	19,191
Temporary resident	18,629	6,255	5,478	129	857	1,056	13	160	235	1,013	2,015	777	12,374
Male	536,023	197,623	150,279	8,976	25,005	31,284	2,346	5,958	8,252	16,701	51,757	47,344	338,400
White	383,832	135,184	103,474	7,829	17,039	19,043	2,053	4,245	5,993	11,585	35,687	31,710	248,648
Asian/Pacific Islander	34,205	18,975	13,634	143	3,213	4,280	43	482	687	1,044	3,742	5,341	15,230
Black	35,305	12,741	9,687	297	1,756	1,628	74	330	456	1,396	3,750	3,054	22,564
Hispanic	36,378	11,963	10,105	167	1,326	2,302	32	357	416	1,557	3,948	1,858	24,415
American Indian/Alaskan Native	3,523	1,318	1,126	118	194	193	19	28	40	156	378	192	2,205
Other or unknown race/ethnicity	21,930	7,983	6,436	303	897	1,502	89	250	337	693	2,365	1,547	13,947
Temporary resident	20,850	9,459	5,817	119	580	2,336	36	266	323	270	1,887	3,642	11,391
							Percent						
Female	57.4	50.6	55.9	48.6	59.7	27.6	40.9	48.0	41.7	77.5	54.8	20.1	60.5
White	56.8	49.5	54.8	47.6	58.8	22.2	40.3	48.1	38.9	77.5	52.6	18.2	59.9
Asian/Pacific Islander	54.7	47.9	53.6	64.2	57.1	32.3	50.0	47.4	48.9	74.8	56.8	24.0	61.0
Black	65.9	64.1	66.8	61.0	71.7	46.4	42.9	55.8	58.2	79.4	65.9	35.6	66.7
Hispanic	60.8	55.0	60.1	51.1	61.4	30.8	52.9	47.2	47.6	77.4	58.2	24.0	63.4
American Indian/Alaskan Native	59.3	52.9	55.7	45.1	55.0	28.8	45.7	45.1	45.2	72.2	58.1	25.0	62.4
Other or unknown race/ethnicity	55.2	49.6	53.9	51.1	58.5	27.1	40.3	45.2	33.9	75.9	53.8	18.2	57.9
Temporary resident	47.2	39.8	48.5	52.0	59.6	31.1	26.5	37.6	42.1	79.0	51.6	17.6	52.1

NOTES: Racial/ethnic breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups.

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, 2001.

TABLE C-16. First university degree in selected countries, by sex and field: 2000

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Country and sex	All fields	All S&E	Sciences	Agricultural sciences	Computer sciences	Life sciences	Mathematics/statistics	Physical sciences	Social/behavioral sciences	Engineering	Non-S&E
									Engineering		
Number of degrees											
Australia	106,985	24,654	19,693	1,069	4,896	7,435	537	1,019	4,737	4,961	82,331
Austria	1,662	618	46	0	46	0	0	0	0	572	1,044
Canada	116,160	50,901	43,673	1,236	3,657	8,188	1,767	2,165	26,660	7,228	65,259
Czech Republic	10,010	3,212	2,704	129	408	120	81	138	1,828	508	6,798
Denmark	6,735	2,339	2,323	171	161	237	48	222	1,484	16	4,396
Finland	13,441	3,905	982	391	332	10	24	27	198	2,923	9,536
France	226,314	87,894	78,573	95	5,300	19,019	8,610	14,492	31,057	9,321	138,420
Germany	56,681	16,845	4,068	960	2,421	231	140	256	60	12,777	39,836
Hungary	30,320	3,260	1,205	1,024	181	0	0	0	0	2,055	27,060
Iceland	1,318	317	261	9	51	44	7	28	122	56	1,001
Ireland	18,669	5,700	4,622	196	1,257	1,456	148	775	790	1,078	12,969
Israel	30,267	14,259	11,497	171	0	566	2,054	379	8,327	2,762	16,008
Italy	11,568	3,284	1,048	102	226	67	514	80	59	2,236	8,284
Mexico	287,019	65,864	46,016	3,475	18,236	2,066	1,115	4,128	16,996	19,848	221,155
Netherlands	66,932	14,810	10,260	1,336	1,108	822	170	1,363	5,461	4,550	52,122
New Zealand	17,177	3,218	3,214	156	358	0	0	2,292	408	4	13,959
Norway	17,959	2,963	2,457	52	609	24	0	8	1,764	506	14,996
Slovak Republic	5,226	809	376	29	211	26	31	3	76	433	4,417
South Korea	209,747	84,606	40,351	5,859	4,630	4,400	4,669	9,027	11,766	44,255	125,141
Spain	87,464	18,130	7,842	3,236	3,638	0	968	0	0	10,288	69,334
Sweden	32,573	10,141	4,589	178	1,114	677	149	579	1,892	5,552	22,432
Switzerland	7,648	1,739	228	84	15	0	0	6	123	1,511	5,909
Turkey	118,882	40,580	33,476	4,913	773	2,438	3,503	6,306	15,543	7,104	78,302
United States	1,237,874	437,548	364,993	33,650	36,195	63,532	12,070	18,385	201,161	72,555	800,326
Female											
Australia	62,115	10,073	9,402	449	1,243	4,164	215	384	2,947	671	52,042
Austria	435	64	2	0	2	0	0	0	0	62	371
Canada	68,450	27,114	25,736	592	760	5,007	778	876	17,723	1,378	41,336
Czech Republic	5,924	1,453	1,362	53	30	73	52	58	1,096	91	4,471
Denmark	3,458	1,056	1,055	86	45	137	19	84	684	1	2,402
Finland	8,300	842	444	164	129	7	13	9	122	398	7,458
France	138,219	44,186	42,452	44	1,055	11,402	3,828	5,493	20,630	1,734	94,033
Germany	21,151	1,538	770	235	223	127	55	87	43	768	19,613
Hungary	19,227	679	530	481	49	0	0	0	0	149	18,548
Iceland	907	148	141	0	11	31	2	13	84	7	759
Ireland	10,377	2,590	2,437	66	459	915	59	361	577	153	7,787
Israel	18,642	7,273	6,621	86	0	402	710	130	5,293	652	11,369
Italy	6,783	651	415	18	54	39	244	18	42	236	6,132
Mexico	148,149	26,627	23,236	769	7,800	1,088	512	2,393	10,674	3,391	121,522
Netherlands	36,302	4,415	4,173	423	151	449	49	332	2,769	242	31,887
New Zealand	11,237	1,525	1,525	50	119	0	0	1,058	298	0	9,712
Norway	12,268	1,041	933	16	103	13	0	2	799	108	11,227
Slovak Republic	3,205	181	115	12	25	22	23	1	32	66	3,024
South Korea	99,759	25,621	18,685	2,054	2,233	2,601	2,777	3,983	5,037	6,936	74,138
Spain	53,448	4,957	2,776	1,394	854	0	528	0	0	2,181	48,491
Sweden	19,694	3,799	2,571	99	469	431	54	312	1,206	1,228	15,895
Switzerland	2,870	134	94	7	0	0	0	0	87	40	2,736
Turkey	49,107	15,172	14,302	1,867	171	1,497	1,636	2,850	6,281	870	33,935
United States	707,507	211,621	198,211	16,260	10,153	37,028	5,688	7,413	121,669	13,410	495,886
Male											
Australia	44,870	14,581	10,291	620	3,653	3,271	322	635	1,790	4,290	30,289
Austria	1,227	554	44	0	44	0	0	0	0	510	673

TABLE C-16. First university degree in selected countries, by sex and field: 2000

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Country and sex	All fields	All S&E	Sciences	Agricultural sciences	Computer sciences	Life sciences	Mathematics/statistics	Physical sciences	Social/behavioral sciences	Engineering	Non-S&E
Number of degrees											
Canada	47,710	23,787	17,937	644	2,897	3,181	989	1,289	8,937	5,850	23,923
Czech Republic	4,086	1,759	1,342	76	378	47	29	80	732	417	2,327
Denmark	3,277	1,283	1,268	85	116	100	29	138	800	15	1,994
Finland	5,141	3,063	538	227	203	3	11	18	76	2,525	2,078
France	88,095	43,708	36,121	51	4,245	7,617	4,782	8,999	10,427	7,587	44,387
Germany	35,530	15,307	3,298	725	2,198	104	85	169	17	12,009	20,223
Hungary	11,093	2,581	675	543	132	0	0	0	0	1,906	8,512
Iceland	411	169	120	9	40	13	5	15	38	49	242
Ireland	8,292	3,110	2,185	130	798	541	89	414	213	925	5,182
Israel	11,625	6,986	4,876	85	0	164	1,344	249	3,034	2,110	4,639
Italy	4,785	2,633	633	84	172	28	270	62	17	2,000	2,152
Mexico	138,870	39,237	22,780	2,706	10,436	978	603	1,735	6,322	16,457	99,633
Netherlands	30,630	10,395	6,087	913	957	373	121	1,031	2,692	4,308	20,235
New Zealand	5,940	1,693	1,689	106	239	0	0	1,234	110	4	4,247
Norway	5,691	1,922	1,524	36	506	11	0	6	965	398	3,769
Slovak Republic	2,021	628	261	17	186	4	8	2	44	367	1,393
South Korea	109,988	58,985	21,666	3,805	2,397	1,799	1,892	5,044	6,729	37,319	51,003
Spain	34,016	13,173	5,066	1,842	2,784	0	440	0	0	8,107	20,843
Sweden	12,879	6,342	2,018	79	645	246	95	267	686	4,324	6,537
Switzerland	4,778	1,605	134	77	15	0	0	6	36	1,471	3,173
Turkey	69,775	25,408	19,174	3,046	602	941	1,867	3,456	9,262	6,234	44,367
United States	530,367	225,927	166,782	17,390	26,042	26,504	6,382	10,972	79,492	59,145	304,440
Percent											
Female											
Australia	58.1	40.9	47.7	42.0	25.4	56.0	40.0	37.7	62.2	13.5	63.2
Austria	26.2	10.4	04.3	na	4.3	na	na	na	na	10.8	35.5
Canada	58.9	53.3	58.9	47.9	20.8	61.2	44.0	40.5	66.5	19.1	63.3
Czech Republic	59.2	45.2	50.4	41.1	7.4	60.8	64.2	42.0	60.0	17.9	65.8
Denmark	51.3	45.1	45.4	50.3	28.0	57.8	39.6	37.8	46.1	6.3	54.6
Finland	61.8	21.6	45.2	41.9	38.9	70.0	54.2	33.3	61.6	13.6	78.2
France	61.1	50.3	54.0	46.3	19.9	60.0	44.5	37.9	66.4	18.6	67.9
Germany	37.3	09.1	18.9	24.5	9.2	55.0	39.3	34.0	71.7	6.0	49.2
Hungary	63.4	20.8	44.0	47.0	27.1	na	na	na	na	7.3	68.5
Iceland	68.8	46.7	54.0	0.0	21.6	70.5	28.6	46.4	68.9	12.5	75.8
Ireland	55.6	45.4	52.7	33.7	36.5	62.8	39.9	46.6	73.0	14.2	60.0
Israel	61.6	51.0	57.6	50.3	na	71.0	34.6	34.3	63.6	23.6	71.0
Italy	58.6	19.8	39.6	17.6	23.9	58.2	47.5	22.5	71.2	10.6	74.0
Mexico	51.6	40.4	50.5	22.1	42.8	52.7	45.9	58.0	62.8	17.1	54.9
Netherlands	54.2	29.8	40.7	31.7	13.6	54.6	28.8	24.4	50.7	5.3	61.2
New Zealand	65.4	47.4	47.4	32.1	33.2	na	na	46.2	73.0	0.0	69.6
Norway	68.3	35.1	38.0	30.8	16.9	54.2	na	25.0	45.3	21.3	74.9
Slovak Republic	61.3	22.4	30.6	41.4	11.8	84.6	74.2	33.3	42.1	15.2	68.5
South Korea	47.6	30.3	46.3	35.1	48.2	59.1	59.5	44.1	42.8	15.7	59.2
Spain	61.1	27.3	35.4	43.1	23.5	na	54.5	na	na	21.2	69.9
Sweden	60.5	37.5	56.0	55.6	42.1	63.7	36.2	53.9	63.7	22.1	70.9
Switzerland	37.5	07.7	41.2	8.3	0.0	na	na	0.0	70.7	2.6	46.3
Turkey	41.3	37.4	42.7	38.0	22.1	61.4	46.7	45.2	40.4	12.2	43.3
United States	57.2	48.4	54.3	48.3	28.1	58.3	47.1	40.3	60.5	18.5	62.0

na not applicable

SOURCE: Organisation for Economic Co-operation and Development, OECD database, 2001.

TABLE C-17. S&E associate's degrees awarded by leading institutions, by sex: 1997–2001

Academic institution	Associate's degrees	Academic institution	Associate's degrees
Female		Male	
All institutions	225,488	All institutions	228,821
Community College of the Air Force	2,306	Community College of the Air Force	11,172
Ivy Tech State College Central Office	2,182	Technical Career Institutes	2,337
Keiser College of Technology	2,136	Texas State Technical College, all campuses	2,233
Baker College of Flint	1,798	DeVry Institute of Technology (NJ)	1,768
CUNY La Guardia Community College	1,544	Purdue University, main campus	1,764
Riverside Community College	1,411	New England Institute of Technology	1,625
San Jacinto College	1,303	ECPI College of Technology	1,553
CUNY New York City Technical College	1,146	Keiser College of Technology	1,502
Sacramento City College	1,116	CUNY New York City Technical College	1,377
Ricks College	1,077	Ivy Tech State College Central Office	1,318
Columbus State Community College	1,053	Southeast Community College, Lincoln campus	1,116
City Colleges of Chicago	1,052	Ricks College	1,055
Madison Area Technical College	934	Macomb Community College	1,019
Cuyahoga Community College	918	ITT Technical Institute (Houston, TX)	1,010
Wallace Community College Hanceville	914	Baker College of Flint	1,005
Sinclair Community College	904	Heald Business College—San Jose	967
Illinois Eastern Community College	893	Pennsylvania College of Technology	966
Moraine Valley Community College	892	DeVry Institute of Technology (Phoenix, AZ)	944
Sanford Brown College	888	Heald Business College—Sacramento	896
Delaware Tech and Community College, all campuses	878	Henry Ford Community College	885
Texas State Tech College, all campuses	876	ITT Technical Institute (Tampa, FL)	873
Henry Ford Community College	873	San Jacinto College	858
Belleville Area College	862	Miami—Dade Community College	842
Robert Morris College (Chicago, IL)	848	Ferris State University	837
Mount San Jacinto College	846	ITT Technical Institute (WI)	834
Community College of Allegheny County, all campuses	825	Riverside Community College	800
Ferris State University	802	Columbus State Community College	785
Macomb Community College	802	Cincinnati State Technical and Community College	777
Tidewater Community College	753	Sinclair Community College	767
Tulsa Community College	742	Illinois Eastern Community College System Office	758
Lewis and Clark Community College	729	Tidewater Community College	729
CUNY Bronx Community College	726	ITT Technical Institute (Buena Park, CA)	728
CUNY Kingsborough Community College	723	Springfield Technical Community College	727
ECPI College of Technology	723	North Dakota State College of Science	725
Milwaukee Area Technical College	714	Grand Rapids Community College	718
Lake Land College	711	SUNY College of Technology at Alfred	718
Miami—Dade Community College	702	Hocking Technical College	712
Huertas Junior College	698	Monroe Community College	706
College of DuPage	694	Salt Lake Community College	705
St. Petersburg Junior College	679	Delaware Technical and Community College, all campuses	703
Bel-Rea Institute of Animal Technology	676	Education America—Tampa Technical Institute	694
Butte College	675	Hudson Valley Community College	689
Parkland College	675	Wentworth Institute of Technology	689
National College of Business and Technology	664	Vincennes University	675
Northwest Technical College—Bemidji	659	Sacramento City College	674
McHenry County College	617	CUNY La Guardia Community College	671
Salt Lake Community College	617	ITT Technical Institute (La Mesa, CA)	664
Waubonsee Community College	616	Heald Business College, San Francisco	659
University of Cincinnati, all campuses	612	Heald Institute of Technology, Martinez	658
Tyler Junior College	602	Heald Business College—Hayward (Hayward, CA)	653

NOTE: 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, 1997–2001.

TABLE C-18. S&E associate's degrees awarded by leading institutions, by race/ethnicity of minority graduates: 1997–2001

Academic institution	Associate's degrees	Academic institution	Associate's degrees
Asian/Pacific Islander		Black	
All institutions	21,647	All institutions	42,797
Heald Business College–San Jose	505	Community College of the Air Force	1,734
Sacramento City College	387	CUNY New York City Technical College	1,110
CUNY New York City Technical College	375	Keiser College of Technology	943
Honolulu Community College	375	Technical Career Institutes	851
Kapiolani Community College	310	City Colleges of Chicago	628
Heald Business College, San Francisco	279	CUNY La Guardia Community College	611
City Colleges of Chicago	274	ECPI College of Technology	606
Technical Career Institutes	274	CUNY Kingsborough Community College	465
Community College of the Air Force	253	Robert Morris College (Chicago, IL)	457
CUNY La Guardia Community College	226	CUNY Bronx Community College	441
Rancho Santiago College	223	Essex County College	441
CUNY Queensborough Community College	202	DeVry Institute of Technology (NJ)	425
Heald Business College–Hayward (Hayward, CA)	202	CUNY Borough of Manhattan Community College	389
DeVry Institute of Technology (NJ)	201	Miami–Dade Community College	366
Laney College	199	Virginia College (Salem, VA)	353
San Joaquin Delta College	198	Community College of Philadelphia	335
Northern Virginia Community College	196	Strayer College	331
Pasadena City College	193	Merritt College	290
El Camino College	188	Ivy Tech State College Central Office	284
Riverside Community College	186	Sanford Brown College	268
Hispanic		American Indian/Alaskan Native	
All institutions	39,873	All institutions	4,605
Huertas Junior College	1,111	Navajo Community College	211
National College of Business and Technology	796	Oglala Lakota College	109
Texas State Technical College	756	Eastern Oklahoma State College	82
Miami–Dade Community College	749	Community College of the Air Force	78
Technical Career Institutes	749	Northeastern Oklahoma Agricultural and Mechanical College	77
CUNY La Guardia Community College	689	Tulsa Community College	77
El Paso Community College	645	Salish Kootenai College	73
CUNY Bronx Community College	515	Carl Albert State College	70
CUNY New York City Technical College	475	University of New Mexico	69
Riverside Community College	454	Blackfeet Community College	65
Instituto Commercial De PR Junior College	435	Haskell Indian Nations University	58
University of PR Humacao University College	408	Oklahoma State University	57
Colegio Universitario Del Este	405	Robeson Community College	57
South Texas Community College	390	United Tribes Technical College	55
University of PR at Aguadilla	389	Oklahoma City Community College	50
St. Philips College	380	Albuquerque Technical Vocational Institute	48
ITT Technical Institute (West Covina, CA)	379	San Juan College	47
Ramirez College of Business and Technology	379	Connors State College	44
Northern New Mexico Community College	375	Murray State College	42
San Jacinto College	366	DeVry Institute of Technology (Phoenix, AZ)	41
		Fort Belknap College	41

NOTE: 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, 1997–2001.

TABLE C-19. S&E bachelor's degrees awarded by leading institutions, by sex: 1997–2001

Academic institution	Bachelor's degrees	Academic institution	Bachelor's degrees
Female		Male	
All institutions	780,944	All institutions	796,984
University of California–Los Angeles	8,217	University of Texas at Austin	7,673
University of Washington–Seattle	6,763	Pennsylvania State University, main campus	7,565
University of California–Davis	6,550	University of Illinois at Urbana–Champaign	7,538
University of California–Berkeley	6,483	University of California–Los Angeles	7,444
Rutgers the State Univ of NJ New Brunswick	6,236	University of California–Berkeley	7,393
University of Texas at Austin	5,417	University of Washington–Seattle	6,865
University of Michigan at Ann Arbor	5,373	University of Michigan at Ann Arbor	6,796
University of California–San Diego	5,196	Texas A&M University, main campus	6,642
University of Illinois at Urbana–Champaign	5,039	Ohio State University, main campus	6,376
University of Florida	4,845	Purdue University, main campus	6,281
University of California–Irvine	4,770	University of Florida	6,181
Michigan State University	4,690	Rutgers the State Univ of NJ New Brunswick	5,964
University of California–Santa Barbara	4,668	University of Wisconsin–Madison	5,897
Texas A&M University, main campus	4,595	University of Maryland at College Park	5,762
University of Wisconsin–Madison	4,545	Brigham Young University, main campus	5,749
Ohio State University, main campus	4,518	North Carolina State University at Raleigh	5,715
University of Maryland at College Park	4,460	Virginia Polytechnic Institute and State University	5,405
University of Minnesota–Twin Cities	4,173	Michigan State University	5,362
Pennsylvania State University, main campus	4,163	University of California–Davis	5,301
University of Colorado at Boulder	4,089	University of Minnesota–Twin Cities	5,235
University of Arizona	3,730	University of California–San Diego	5,011
University of South Florida	3,622	Georgia Institute of Technology, main campus	4,695
University of North Carolina at Chapel Hill	3,526	Cornell University, all campuses	4,671
San Diego State University	3,465	University of California–Irvine	4,512
North Carolina State University at Raleigh	3,424	University of Arizona	4,307
University of Virginia, main campus	3,393	University of Colorado at Boulder	4,278
Brigham Young University, main campus	3,369	Iowa State University	4,104
Purdue University, main campus	3,349	Arizona State University Main	3,950
Cornell University, all campuses	3,339	Auburn University, main campus	3,811
Arizona State University, main campus	3,321	California State Polytechnic University–San Luis Obispo	3,769
University of California–Santa Cruz	3,216	University of Utah	3,745
Boston University	3,091	San Diego State University	3,493
Virginia Polytechnic Institute and State University	3,023	University of Virginia, main campus	3,452
University of Massachusetts at Amherst	2,988	University of California–Santa Barbara	3,385
SUNY at Stony Brook, all campuses	2,945	University of Massachusetts at Amherst	3,272
Colorado State University	2,915	Colorado State University	3,263
SUNY at Binghamton	2,913	University of Tennessee at Knoxville	3,136
University of Oregon	2,787	University of Missouri, Columbia	3,131
Indiana University at Bloomington	2,761	University of Pittsburgh, main campus	3,100
Florida State University	2,681	SUNY at Buffalo	3,082
San Francisco State University	2,616	San Jose State University	3,081
University of Central Florida	2,597	Florida State University	3,068
Washington State University	2,591	Louisiana State University and Agricultural and Mechanical College	3,039
New York University	2,579	Kansas State University	2,968
California State University–Northridge	2,557	University of South Florida	2,912
University of Pittsburgh, main campus	2,541	SUNY at Stony Brook, all campuses	2,890
California State University–Long Beach	2,496	Clemson University	2,818
University of Georgia	2,480	Harvard University	2,810
CUNY Hunter College	2,444	Oregon State University	2,809
University of Delaware	2,393	University of Kentucky	2,804

NOTE: 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, 1997–2001.

TABLE C-20. S&E bachelor's degrees awarded by leading institutions, by race/ethnicity of minority graduates: 1997–2001

Academic institution	Bachelor's degrees	Academic institution	Bachelor's degrees
Asian/Pacific Islander		Black	
All institutions	138,523	All institutions	126,790
University of California–Los Angeles	6,377	Florida Agricultural and Mechanical University	1,611
University of California–Berkeley	6,006	Howard University	1,462
University of California–Irvine	5,292	Southern University A&M College at Baton Rouge	1,418
University of California–Davis	3,977	North Carolina Agricultural and Technical State University	1,392
University of California–San Diego	3,598	Xavier University of Louisiana	1,272
University of Washington–Seattle	2,970	University of Maryland at College Park	1,203
University of Hawaii at Manoa	2,470	Morgan State University	1,200
Rutgers the State Univ of NJ New Brunswick	2,289	Hampton University	1,163
University of Texas at Austin	2,063	Spelman College	1,090
San Jose State University	1,966	CUNY John Jay College Criminal Justice	1,075
University of Illinois at Urbana–Champaign	1,945	Morehouse College	967
University of Michigan at Ann Arbor	1,681	Tennessee State University	955
University of Maryland at College Park	1,637	Tuskegee University	954
Cornell University, all campuses	1,576	CUNY City College	928
California State Polytechnic University Pomona	1,494	Grambling State University	909
Stanford University	1,339	Prarie View A&M University	899
SUNY at Stony Brook, all campuses	1,273	Georgia State University	852
University of California–Santa Barbara	1,269	Rutgers the State Univ of NJ New Brunswick	848
University of California–Riverside	1,255	North Carolina Central University	811
Massachusetts Institute of Technology	1,234	CUNY Herbert H. Lehman College	809
Hispanic		American Indian/Alaskan Native	
All institutions	106,462	All institutions	10,097
University of PR Mayaguez Campus	4,674	Oklahoma State University	280
University of PR Rio Piedras Campus	2,813	University of Oklahoma, Norman campus	232
Florida International University	2,610	Northeastern State University	210
University of California–Los Angeles	2,232	University of Washington–Seattle	183
University of Texas at Austin	1,786	Southeastern Oklahoma State University	169
University of California–Berkeley	1,405	University of Arizona	152
University of Texas–Pan American	1,314	University of North Carolina at Pembroke	148
San Diego State University	1,286	Northern Arizona University	141
Universidad Politecnica de Puerto Rico	1,212	University of New Mexico	131
University of Texas at San Antonio	1,188	University of California–Los Angeles	122
University of Florida	1,146	DePaul University	120
The Pontifical Catholic University of Puerto Rico	1,135	Fort Lewis College	118
University of Texas at El Paso	1,102	University of California–Davis	114
University of California–Davis	1,078	University of California–Berkeley	110
California State University–Los Angeles	1,076	Arizona State University, main campus	103
University of California–Santa Barbara	1,075	New Mexico State University	92
Texas A&M University main campus	1,067	University of California–San Diego	84
California State University–Northridge	1,049	Washington State University	82
Inter American U of PR, San German campus	1,040	California State Polytechnic University–San Luis Obispo	79
University of Arizona	1,023	East Central University	78

NOTE: 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, 1997–2001.