

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
All citizenships, races, and ethnicities																		
All fields	573,496	585,610	600,294	637,953	670,335	701,734	718,182	733,151	755,598	793,279	856,381	949,963	1,026,536	1,015,211	1,012,523	1,024,187	1,017,860	1,014,574
S&E	38,434	45,226	51,194	62,805	60,246	54,750	49,850	47,485	49,166	54,284	62,211	76,021	84,785	85,798	87,976	90,589	88,832	92,650
Engineering	1,794	1,898	1,781	2,278	2,843	2,557	2,291	2,272	2,403	2,329	2,665	2,994	3,537	3,871	4,409	5,004	5,414	6,048
Aerospace	1	0	0	0	0	0	2	0	0	0	2	0	3	1	0	3	0	0
Chemical	16	18	28	7	305	2	7	3	1	10	9	31	13	22	21	50	38	42
Civil	58	53	46	62	58	52	43	64	37	62	47	71	93	121	110	103	126	147
Electrical	280	309	182	672	910	691	531	459	422	242	236	199	209	202	319	346	364	389
Industrial	67	132	80	81	49	88	57	56	57	83	72	69	67	64	66	99	72	68
Materials	11	14	10	12	12	13	10	8	9	5	10	6	1	6	11	11	12	13
Mechanical	77	67	65	69	70	64	68	77	100	121	137	139	177	184	213	209	307	316
Other	1,284	1,305	1,370	1,375	1,439	1,647	1,573	1,605	1,777	1,806	2,152	2,479	2,974	3,271	3,669	4,183	4,495	5,073
Science	36,640	43,328	49,413	60,527	57,403	52,193	47,559	45,213	46,763	51,955	59,546	73,027	81,248	81,927	83,567	85,585	83,418	86,602
Natural sciences	29,130	35,718	41,243	52,130	48,289	42,494	37,622	34,536	35,299	37,536	40,801	48,061	52,943	51,535	51,491	51,929	47,217	49,001
Agricultural sciences	1,976	2,106	2,001	2,018	1,966	1,908	1,934	1,790	1,762	1,811	1,952	2,138	2,526	2,392	2,484	2,678	2,673	2,781
Biological sciences	1,484	1,536	1,577	1,786	1,753	1,979	2,028	2,224	2,379	2,546	2,881	3,440	4,028	4,340	4,689	5,071	5,461	5,737
Earth, atmospheric, and ocean sciences	82	82	58	52	41	45	67	69	67	98	99	95	103	112	136	153	152	151
Atmospheric sciences	0	1	0	0	2	2	7	10	5	4	16	10	9	4	6	3	1	0
Earth sciences	28	38	28	34	25	23	40	41	39	59	55	50	67	70	96	112	118	149
Oceanography	54	43	30	18	14	20	20	18	23	35	28	35	27	38	34	38	33	2
Mathematics and computer sciences	24,251	30,809	36,264	47,135	42,955	36,947	31,923	28,507	29,182	30,980	33,565	39,320	42,719	40,699	39,783	39,118	33,541	34,633
Computer sciences	23,576	30,113	35,578	46,400	42,153	36,140	31,170	27,680	28,327	30,050	32,514	37,675	41,190	38,897	37,643	36,421	30,512	31,179
Mathematics	675	696	686	735	802	807	753	827	855	930	1,051	1,645	1,529	1,802	2,140	2,697	3,029	3,454
Physical sciences	1,337	1,185	1,343	1,139	1,574	1,615	1,670	1,946	1,909	2,101	2,304	3,068	3,567	3,992	4,399	4,909	5,390	5,699
Astronomy	1	1	2	2	1	3	4	2	2	4	3	1	4	4	9	5	7	12
Chemistry	301	183	201	251	279	304	298	354	387	422	404	459	533	626	704	828	834	908
Physics	171	167	177	191	193	196	143	164	151	184	248	260	318	378	516	738	910	1,006
Other physical sciences	864	834	963	695	1,101	1,112	1,225	1,426	1,369	1,491	1,649	2,348	2,712	2,984	3,170	3,338	3,639	3,773
Social and behavioral sciences	7,510	7,610	8,170	8,397	9,114	9,699	9,937	10,677	11,464	14,419	18,745	24,966	28,305	30,392	32,076	33,656	36,201	37,601
Psychology	1,454	1,553	1,704	1,785	1,887	1,942	1,944	2,213	2,412	3,949	6,582	3,866	4,713	6,118	7,529	8,736	10,602	11,282
Social sciences	6,056	6,057	6,466	6,612	7,227	7,757	7,993	8,464	9,052	10,470	12,163	21,100	23,592	24,274	24,547	24,920	25,599	26,319
Anthropology	52	80	83	76	95	120	114	117	153	149	191	231	339	326	384	441	659	726
Area and ethnic studies	250	299	314	121	98	106	114	148	163	170	208	216	189	254	341	365	385	400
Economics	210	209	221	222	268	298	316	281	311	361	387	357	402	484	434	575	882	1,343
History of science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Linguistics	0	0	0	0	0	6	1	4	1	1	3	0	1	3	30	8	9	2

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Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Political science and public administration	1,033	913	926	1,159	1,402	1,566	1,749	1,788	1,746	1,831	2,052	4,592	5,812	6,549	6,911	6,835	6,594	6,729
Sociology	366	371	416	456	552	500	475	510	546	599	658	862	1,071	1,598	2,050	2,554	3,272	3,876
Other social sciences	4,145	4,185	4,506	4,578	4,812	5,161	5,224	5,616	6,132	7,359	8,664	14,842	15,778	15,060	14,397	14,142	13,798	13,243
Non-S&E	535,062	540,384	549,100	575,148	610,089	646,984	668,332	685,666	706,432	738,995	794,170	873,942	941,751	929,413	924,547	933,598	929,028	921,924
S&E technologies	83,653	82,055	76,677	82,133	87,943	92,521	96,772	101,898	106,183	111,172	124,476	148,636	165,632	156,573	148,966	144,098	136,580	132,581
Engineering technologies	40,470	39,732	37,901	39,600	37,020	32,488	29,710	30,097	31,643	33,243	34,553	38,222	40,630	37,475	34,638	34,764	31,704	31,561
Health technologies	41,959	41,013	37,687	41,353	49,497	58,432	65,227	69,591	72,241	75,734	87,437	107,577	121,786	115,739	110,779	105,513	100,796	96,480
Science technologies	1,159	1,190	1,027	1,095	1,133	1,246	1,225	1,429	1,448	1,474	1,818	1,981	2,230	2,357	2,465	2,592	3,033	3,447
Other S&E technologies	65	120	62	85	293	355	610	781	851	721	668	856	986	1,002	1,084	1,229	1,047	1,093
U.S. citizen or permanent resident																		
All fields	563,380	574,008	588,000	624,467	655,767	687,613	704,750	719,324	741,153	778,055	840,221	933,331	1,009,430	998,339	995,410	1,006,203	998,456	993,636
S&E	37,585	44,071	49,778	61,190	58,625	53,398	48,751	46,590	48,212	53,128	60,911	74,500	83,187	84,211	86,261	88,653	86,661	90,050
Engineering	1,726	1,801	1,724	2,197	2,725	2,435	2,204	2,179	2,314	2,180	2,514	2,810	3,298	3,697	4,213	4,776	5,177	5,693
Aerospace	1	0	0	0	0	0	1	0	0	0	2	0	3	0	0	3	0	0
Chemical	14	17	26	7	302	2	5	2	1	6	7	22	12	19	18	43	34	29
Civil	54	53	44	56	57	52	39	63	34	55	41	65	84	110	105	102	118	138
Electrical	277	271	181	668	896	682	529	452	416	227	228	189	198	193	305	334	345	376
Industrial	66	130	78	80	49	85	55	53	57	83	72	69	67	64	66	98	71	68
Materials	11	14	10	12	12	13	10	8	9	5	10	6	1	6	11	11	11	13
Mechanical	76	67	64	68	69	62	68	76	95	118	120	127	162	175	185	185	283	279
Other	1,227	1,249	1,321	1,306	1,340	1,539	1,497	1,525	1,702	1,686	2,034	2,332	2,771	3,130	3,523	4,000	4,315	4,790
Science	35,859	42,270	48,054	58,993	55,900	50,963	46,547	44,411	45,898	50,948	58,397	71,690	79,889	80,514	82,048	83,877	81,484	84,357
Natural sciences	28,500	34,841	40,055	50,791	47,015	41,475	36,791	33,910	34,627	36,761	39,955	47,075	51,973	50,566	50,410	50,726	45,888	47,398
Agricultural sciences	1,953	2,060	1,949	2,007	1,923	1,893	1,892	1,782	1,746	1,799	1,939	2,128	2,514	2,376	2,462	2,586	2,645	2,761
Biological sciences	1,457	1,501	1,547	1,737	1,696	1,921	1,964	2,163	2,296	2,474	2,773	3,348	3,935	4,226	4,577	4,979	5,346	5,594
Earth, atmospheric, and ocean sciences	81	78	57	52	39	45	65	65	64	98	96	93	101	109	135	152	152	145
Atmospheric sciences	0	1	0	0	2	2	7	9	5	4	16	9	9	4	6	3	1	0
Earth sciences	27	34	27	34	23	23	38	38	36	59	52	49	65	67	95	111	118	143
Oceanography	54	43	30	18	14	20	20	18	23	35	28	35	27	38	34	38	33	2
Mathematics and computer sciences	23,727	30,050	35,203	45,914	41,869	36,118	31,327	28,059	28,744	30,455	33,009	38,696	42,143	40,117	39,143	38,476	32,719	33,645
Computer sciences	23,085	29,396	34,553	45,225	41,114	35,371	30,628	27,261	27,934	29,567	32,019	37,126	40,700	38,384	37,098	35,874	29,845	30,402
Mathematics	642	654	650	689	755	747	699	798	810	888	990	1,570	1,443	1,733	2,045	2,602	2,874	3,243
Physical sciences	1,282	1,152	1,299	1,081	1,488	1,498	1,543	1,841	1,777	1,935	2,138	2,810	3,280	3,738	4,093	4,533	5,026	5,253
Astronomy	1	1	2	2	1	3	4	2	1	4	3	1	4	4	9	4	6	12
Chemistry	269	174	196	238	266	285	279	336	377	399	383	431	500	607	683	803	814	873
Physics	163	164	172	175	184	185	131	160	137	174	242	251	307	370	495	715	884	965

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(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Earth sciences	1	3	1	1	1	4	1	2	1	3	7	3	12	12	11	17	28	34
Oceanography	0	0	0	0	1	1	2	0	0	1	0	0	0	1	2	1	0	0
Mathematics and computer sciences	2,550	3,158	3,654	4,717	4,347	4,042	3,416	3,151	3,065	3,193	3,581	3,852	4,482	4,922	5,251	5,382	4,779	5,389
Computer sciences	2,453	3,058	3,549	4,593	4,216	3,888	3,261	2,980	2,897	2,995	3,337	3,511	4,084	4,450	4,574	4,601	3,771	4,258
Mathematics	97	100	105	124	131	154	155	171	168	198	244	341	398	472	677	781	1,008	1,131
Physical sciences	172	161	151	145	161	174	158	207	219	261	328	401	598	674	855	1,057	1,263	1,328
Astronomy	1	0	0	2	0	0	0	0	0	1	3	0	0	1	3	2	1	4
Chemistry	42	27	24	42	37	48	40	56	62	61	60	74	117	140	181	208	216	214
Physics	76	70	68	59	50	61	30	34	31	45	92	75	102	127	169	242	363	366
Other physical sciences	53	64	59	42	74	65	88	117	126	154	173	252	379	406	502	605	683	744
Social and behavioral sciences	1,194	1,256	1,358	1,506	1,580	1,749	1,747	2,002	2,317	2,891	3,563	4,464	5,792	7,158	8,762	10,153	12,485	13,995
Psychology	193	222	260	298	338	384	366	447	492	678	942	944	1,364	1,930	2,648	3,379	4,534	4,968
Social sciences	1,001	1,034	1,098	1,208	1,242	1,365	1,381	1,555	1,825	2,213	2,621	3,520	4,428	5,228	6,114	6,774	7,951	9,027
Anthropology	8	11	13	16	17	14	11	15	29	24	29	49	93	95	108	131	231	274
Area and ethnic studies	17	7	15	24	12	20	18	28	29	31	39	41	45	60	84	78	94	110
Economics	50	43	55	50	58	65	60	58	55	84	85	82	102	132	142	172	241	355
History of science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Linguistics	0	0	0	0	0	0	0	1	0	1	0	0	0	1	7	3	1	0
Political science and public administration	249	195	219	250	223	241	259	287	280	308	358	574	686	816	1,026	1,189	1,216	1,557
Sociology	63	79	92	109	124	123	123	138	167	160	207	270	390	616	947	1,267	1,768	2,245
Other social sciences	614	699	704	759	808	902	910	1,028	1,265	1,605	1,903	2,504	3,112	3,508	3,800	3,934	4,400	4,486
Non-S&E	53,610	56,259	56,490	60,482	65,716	71,940	74,411	78,344	83,523	89,230	101,644	113,367	136,254	141,545	149,383	162,110	175,251	185,651
S&E technologies	8,513	9,053	8,169	8,393	9,141	9,694	9,971	11,227	12,015	12,870	14,593	16,699	21,206	21,059	20,979	21,482	21,544	22,058
Engineering technologies	4,724	4,560	4,220	4,174	4,160	3,652	3,230	3,466	3,841	3,944	4,420	4,488	5,152	4,850	4,514	4,676	4,360	4,435
Health technologies	3,669	4,344	3,828	4,094	4,832	5,868	6,553	7,518	7,936	8,686	9,889	11,871	15,664	15,736	15,964	16,182	16,449	16,745
Science technologies	107	133	118	114	119	139	138	167	162	160	218	235	291	350	356	451	604	740
Other S&E technologies	13	16	3	11	30	35	50	76	76	80	66	105	99	123	145	173	131	138
Not Hispanic or Latino																		
All fields	505,409	512,644	525,928	556,991	583,141	609,058	624,333	634,862	651,254	681,668	730,165	810,119	860,801	842,268	829,064	825,047	801,877	784,057
S&E	33,224	38,966	44,196	54,196	51,715	46,783	42,745	40,472	41,836	45,971	52,499	64,655	70,812	69,685	69,298	69,607	65,333	66,122
Engineering	1,545	1,605	1,581	1,858	2,167	2,062	1,859	1,835	1,964	1,854	2,166	2,401	2,845	3,118	3,504	3,961	4,203	4,525
Aerospace	1	0	0	0	0	0	1	0	0	0	2	0	3	0	0	3	0	0
Chemical	11	17	24	7	213	2	3	2	1	5	7	19	11	14	14	41	30	25
Civil	49	51	38	54	52	50	33	44	25	30	35	54	63	80	54	60	67	83
Electrical	229	214	167	473	576	483	358	342	292	163	177	144	162	151	240	266	267	291
Industrial	59	97	67	72	46	85	46	45	52	82	71	66	58	58	55	73	65	58

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(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Materials	11	14	9	12	12	13	10	7	9	5	9	5	1	6	9	10	10	7
Mechanical	55	48	41	50	52	48	51	49	75	89	92	92	130	143	155	149	223	192
Other	1,130	1,164	1,235	1,190	1,216	1,381	1,357	1,346	1,510	1,480	1,773	2,021	2,417	2,666	2,977	3,359	3,541	3,869
Science	31,679	37,361	42,615	52,338	49,548	44,721	40,886	38,637	39,872	44,117	50,333	62,254	67,967	66,567	65,794	65,646	61,130	61,597
Natural sciences	25,514	31,188	35,974	45,642	42,243	36,982	32,877	30,138	30,918	32,821	35,454	42,103	45,843	43,777	42,918	42,648	38,019	38,633
Agricultural sciences	1,876	1,951	1,863	1,939	1,869	1,850	1,834	1,723	1,699	1,755	1,876	2,061	2,423	2,268	2,347	2,428	2,465	2,579
Biological sciences	1,271	1,279	1,358	1,519	1,488	1,692	1,685	1,811	1,919	2,036	2,251	2,699	2,988	3,154	3,319	3,516	3,727	3,762
Earth, atmospheric, and ocean sciences	80	75	56	51	37	40	62	62	63	94	89	90	89	96	122	134	124	111
Atmospheric sciences	0	1	0	0	2	2	7	8	5	4	16	9	9	4	6	3	1	0
Earth sciences	26	31	26	33	22	19	37	36	35	56	45	46	53	55	84	94	90	109
Oceanography	54	43	30	18	13	19	18	18	23	34	28	35	27	37	32	37	33	2
Mathematics and computer sciences	21,177	26,892	31,549	41,197	37,522	32,076	27,911	24,908	25,679	27,262	29,428	34,844	37,661	35,195	33,892	33,094	27,940	28,256
Computer sciences	20,632	26,338	31,004	40,632	36,898	31,483	27,367	24,281	25,037	26,572	28,682	33,615	36,616	33,934	32,524	31,273	26,074	26,144
Mathematics	545	554	545	565	624	593	544	627	642	690	746	1,229	1,045	1,261	1,368	1,821	1,866	2,112
Physical sciences	1,110	991	1,148	936	1,327	1,324	1,385	1,634	1,558	1,674	1,810	2,409	2,682	3,064	3,238	3,476	3,763	3,925
Astronomy	0	1	2	0	1	3	4	2	1	3	0	1	4	3	6	2	5	8
Chemistry	227	147	172	196	229	237	239	280	315	338	323	357	383	467	502	595	598	659
Physics	87	94	104	116	134	124	101	126	106	129	150	176	205	243	326	473	521	599
Other physical sciences	796	749	870	624	963	960	1,041	1,226	1,136	1,204	1,337	1,875	2,090	2,351	2,404	2,406	2,639	2,659
Social and behavioral sciences	6,165	6,173	6,641	6,696	7,305	7,739	8,009	8,499	8,954	11,296	14,879	20,151	22,124	22,790	22,876	22,998	23,111	22,964
Psychology	1,239	1,306	1,408	1,444	1,505	1,520	1,556	1,745	1,890	3,219	5,559	2,866	3,312	4,126	4,801	5,242	5,966	6,190
Social sciences	4,926	4,867	5,233	5,252	5,800	6,219	6,453	6,754	7,064	8,077	9,320	17,285	18,812	18,664	18,075	17,756	17,145	16,774
Anthropology	41	67	69	60	76	105	100	98	121	124	158	179	244	229	276	303	422	450
Area and ethnic studies	217	271	284	91	83	84	92	120	132	133	157	164	140	189	247	283	279	284
Economics	142	139	146	141	172	201	227	204	224	242	253	230	242	299	240	338	500	795
History of science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Linguistics	0	0	0	0	0	2	1	3	1	0	2	0	1	1	20	5	8	2
Political science and public administration	772	704	696	899	1,156	1,312	1,464	1,480	1,443	1,504	1,674	3,984	5,080	5,667	5,832	5,589	5,291	5,083
Sociology	299	282	318	341	407	358	337	353	361	432	442	580	665	964	1,090	1,269	1,484	1,610
Other social sciences	3,455	3,404	3,720	3,720	3,906	4,157	4,232	4,496	4,782	5,642	6,634	12,148	12,440	11,315	10,370	9,969	9,161	8,550
Non-S&E	472,185	473,678	481,732	502,795	531,426	562,275	581,588	594,390	609,418	635,697	677,666	745,464	789,989	772,583	759,766	755,440	736,544	717,935
S&E technologies	74,579	71,887	67,803	72,936	77,904	81,954	85,994	89,887	93,240	97,427	108,853	130,978	143,406	134,470	127,031	121,731	114,057	109,398
Engineering technologies	35,409	34,334	33,239	34,966	32,353	28,479	26,161	26,334	27,474	29,022	29,790	33,446	35,214	32,307	29,813	29,776	26,929	26,632
Health technologies	38,074	36,412	33,607	36,928	44,295	52,068	58,207	61,615	63,734	66,477	76,904	95,070	105,410	99,326	94,213	88,794	83,825	79,150
Science technologies	1,044	1,037	898	968	993	1,087	1,066	1,233	1,257	1,287	1,557	1,711	1,895	1,958	2,066	2,105	2,387	2,661
Other S&E technologies	52	104	59	74	263	320	560	705	775	641	602	751	887	879	939	1,056	916	955

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Political science and public administration	21	5	10	22	35	34	37	48	43	40	36	74	70	87	69	78	82	67	
Sociology	1	4	4	6	5	17	10	20	9	11	6	7	16	23	29	25	20	30	
Other social sciences	112	101	163	131	141	157	134	158	172	152	140	245	218	198	189	184	135	156	
Non-S&E	5,674	5,787	5,862	6,323	6,867	7,162	7,267	7,225	7,386	7,400	8,680	8,400	8,884	8,834	8,663	8,440	8,134	7,993	
S&E technologies	790	734	684	799	940	952	1,003	1,001	1,077	1,162	1,154	1,288	1,435	1,472	1,337	1,302	1,243	1,154	
Engineering technologies	367	299	295	366	415	330	313	289	315	355	340	399	377	424	363	388	320	298	
Health technologies	414	424	385	423	516	610	681	695	741	786	799	867	1,034	1,022	955	886	887	820	
Science technologies	9	9	4	10	6	7	6	10	13	13	5	14	17	18	14	13	22	25	
Other S&E technologies	0	2	0	0	3	5	3	7	8	8	10	8	7	8	5	15	14	11	
Asian																			
All fields	na	na	na	na	na	na	na	na	na	na	na	na	38,472	41,688	43,041	44,170	46,155	48,525	50,916
S&E	na	na	na	na	na	na	na	na	na	na	na	na	3,952	4,474	5,235	5,466	6,206	6,741	7,452
Engineering	na	na	na	na	na	na	na	na	na	na	na	na	199	272	291	357	405	448	562
Aerospace	na	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Chemical	na	na	na	na	na	na	na	na	na	na	na	na	2	3	3	0	4	6	1
Civil	na	na	na	na	na	na	na	na	na	na	na	na	3	5	4	5	10	7	6
Electrical	na	na	na	na	na	na	na	na	na	na	na	na	11	19	16	29	29	31	37
Industrial	na	na	na	na	na	na	na	na	na	na	na	na	0	2	1	0	3	0	1
Materials	na	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Mechanical	na	na	na	na	na	na	na	na	na	na	na	na	12	12	22	18	12	19	26
Other	na	na	na	na	na	na	na	na	na	na	na	na	171	231	245	305	347	385	491
Science	na	na	na	na	na	na	na	na	na	na	na	na	3,753	4,202	4,944	5,109	5,801	6,293	6,890
Natural sciences	na	na	na	na	na	na	na	na	na	na	na	na	2,457	2,738	3,078	3,209	3,607	3,760	4,200
Agricultural sciences	na	na	na	na	na	na	na	na	na	na	na	na	13	18	23	22	26	17	20
Biological sciences	na	na	na	na	na	na	na	na	na	na	na	na	405	471	499	522	542	591	654
Earth, atmospheric, and ocean sciences	na	na	na	na	na	na	na	na	na	na	na	na	4	6	1	1	5	4	4
Atmospheric sciences	na	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Earth sciences	na	na	na	na	na	na	na	na	na	na	na	na	4	4	1	1	5	4	4
Oceanography	na	na	na	na	na	na	na	na	na	na	na	na	0	2	0	0	0	0	0
Mathematics and computer sciences	na	na	na	na	na	na	na	na	na	na	na	na	1,662	1,782	2,048	2,087	2,335	2,438	2,770
Computer sciences	na	na	na	na	na	na	na	na	na	na	na	na	1,438	1,585	1,770	1,777	1,907	1,963	2,165
Mathematics	na	na	na	na	na	na	na	na	na	na	na	na	224	197	278	310	428	475	605
Physical sciences	na	na	na	na	na	na	na	na	na	na	na	na	373	461	507	577	699	710	752
Astronomy	na	na	na	na	na	na	na	na	na	na	na	na	0	0	1	1	0	1	1
Chemistry	na	na	na	na	na	na	na	na	na	na	na	na	104	131	132	159	170	164	178
Physics	na	na	na	na	na	na	na	na	na	na	na	na	21	44	59	88	127	134	160

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Other physical sciences	na	na	na	na	na	na	na	na	na	na	na	248	286	315	329	402	411	413
Social and behavioral sciences	na	na	na	na	na	na	na	na	na	na	na	1,296	1,464	1,866	1,900	2,194	2,533	2,690
Psychology	na	na	na	na	na	na	na	na	na	na	na	174	243	364	480	562	715	824
Social sciences	na	na	na	na	na	na	na	na	na	na	na	1,122	1,221	1,502	1,420	1,632	1,818	1,866
Anthropology	na	na	na	na	na	na	na	na	na	na	na	15	16	19	22	24	32	44
Area and ethnic studies	na	na	na	na	na	na	na	na	na	na	na	3	10	10	13	10	10	18
Economics	na	na	na	na	na	na	na	na	na	na	na	39	49	55	36	76	142	220
History of science	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Linguistics	na	na	na	na	na	na	na	na	na	na	na	0	0	1	4	2	3	1
Political science and public administration	na	na	na	na	na	na	na	na	na	na	na	78	83	137	122	166	212	200
Sociology	na	na	na	na	na	na	na	na	na	na	na	58	56	115	154	171	251	270
Other social sciences	na	na	na	na	na	na	na	na	na	na	na	929	1,007	1,165	1,069	1,183	1,168	1,113
Non-S&E	na	na	na	na	na	na	na	na	na	na	na	34,520	37,214	37,806	38,704	39,949	41,784	43,464
S&E technologies	na	na	na	na	na	na	na	na	na	na	na	4,798	5,645	5,446	5,515	5,385	5,221	5,347
Engineering technologies	na	na	na	na	na	na	na	na	na	na	na	1,007	994	1,023	966	1,040	884	900
Health technologies	na	na	na	na	na	na	na	na	na	na	na	3,665	4,486	4,273	4,392	4,137	4,101	4,184
Science technologies	na	na	na	na	na	na	na	na	na	na	na	87	121	113	131	169	197	221
Other S&E technologies	na	na	na	na	na	na	na	na	na	na	na	39	44	37	26	39	39	42
Asian or Pacific Islander ^b																		
All fields	27,313	27,919	30,322	31,597	31,908	32,498	33,800	35,623	36,754	38,619	41,472	na	na	na	na	na	na	na
S&E	2,649	2,907	3,381	4,075	3,694	3,129	2,769	2,715	2,877	3,314	3,706	na	na	na	na	na	na	na
Engineering	160	132	101	142	169	147	132	175	140	177	216	na	na	na	na	na	na	na
Aerospace	0	0	0	0	0	0	0	0	0	0	0	na	na	na	na	na	na	na
Chemical	0	0	2	1	8	0	0	0	0	0	0	na	na	na	na	na	na	na
Civil	3	4	5	6	2	1	1	2	2	5	6	na	na	na	na	na	na	na
Electrical	38	18	5	36	40	14	10	59	10	7	15	na	na	na	na	na	na	na
Industrial	0	2	0	0	1	2	1	3	1	3	5	na	na	na	na	na	na	na
Materials	0	0	0	0	0	0	0	0	0	0	0	na	na	na	na	na	na	na
Mechanical	2	0	0	2	0	1	3	3	3	6	7	na	na	na	na	na	na	na
Other	117	108	89	97	118	129	117	108	124	156	183	na	na	na	na	na	na	na
Science	2,489	2,775	3,280	3,933	3,525	2,982	2,637	2,540	2,737	3,137	3,490	na	na	na	na	na	na	na
Natural sciences	2,010	2,342	2,802	3,432	2,955	2,359	2,002	1,822	1,935	2,176	2,308	na	na	na	na	na	na	na
Agricultural sciences	19	9	10	9	18	12	10	21	20	24	24	na	na	na	na	na	na	na
Biological sciences	109	94	93	143	148	204	224	257	319	337	340	na	na	na	na	na	na	na
Earth, atmospheric, and ocean sciences	1	0	0	1	0	0	1	0	0	6	1	na	na	na	na	na	na	na
Atmospheric sciences	0	0	0	0	0	0	0	0	0	0	0	na	na	na	na	na	na	na

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Earth sciences	1	0	0	1	0	0	1	0	0	5	1	na	na	na	na	na	na	na
Oceanography	0	0	0	0	0	0	0	0	0	1	0	na	na	na	na	na	na	na
Mathematics and computer sciences	1,736	2,158	2,613	3,174	2,599	1,968	1,559	1,290	1,323	1,527	1,659	na	na	na	na	na	na	na
Computer sciences	1,646	2,052	2,522	3,072	2,499	1,871	1,474	1,212	1,205	1,397	1,521	na	na	na	na	na	na	na
Mathematics	90	106	91	102	100	97	85	78	118	130	138	na	na	na	na	na	na	na
Physical sciences	145	81	86	105	190	175	208	254	273	282	284	na	na	na	na	na	na	na
Astronomy	0	0	0	0	1	0	0	0	0	1	0	na	na	na	na	na	na	na
Chemistry	51	29	15	35	43	45	45	80	89	97	89	na	na	na	na	na	na	na
Physics	15	9	18	17	26	21	20	16	19	17	18	na	na	na	na	na	na	na
Other physical sciences	79	43	53	53	120	109	143	158	165	167	177	na	na	na	na	na	na	na
Social and behavioral sciences	479	433	478	501	570	623	635	718	802	961	1,182	na	na	na	na	na	na	na
Psychology	51	54	51	75	76	74	79	92	113	159	227	na	na	na	na	na	na	na
Social sciences	428	379	427	426	494	549	556	626	689	802	955	na	na	na	na	na	na	na
Anthropology	1	5	0	4	2	9	1	12	6	12	7	na	na	na	na	na	na	na
Area and ethnic studies	3	6	2	3	1	11	3	6	2	10	6	na	na	na	na	na	na	na
Economics	41	32	36	29	27	47	41	35	38	60	49	na	na	na	na	na	na	na
History of science	0	0	0	0	0	0	0	0	0	0	0	na	na	na	na	na	na	na
Linguistics	0	0	0	0	0	1	0	2	0	0	0	na	na	na	na	na	na	na
Political science and public administration	89	71	68	51	100	94	94	64	65	70	80	na	na	na	na	na	na	na
Sociology	24	12	12	18	26	31	28	46	33	54	40	na	na	na	na	na	na	na
Other social sciences	270	253	309	321	338	356	389	461	545	596	773	na	na	na	na	na	na	na
Non-S&E	24,664	25,012	26,941	27,522	28,214	29,369	31,031	32,908	33,877	35,305	37,766	na	na	na	na	na	na	na
S&E technologies	3,675	3,642	3,461	3,729	3,458	3,386	3,779	4,211	4,656	4,932	5,301	na	na	na	na	na	na	na
Engineering technologies	2,200	2,120	2,192	2,375	1,687	1,255	1,055	1,125	1,230	1,204	1,291	na	na	na	na	na	na	na
Health technologies	1,429	1,484	1,241	1,320	1,723	2,063	2,631	2,944	3,299	3,615	3,898	na	na	na	na	na	na	na
Science technologies	44	35	28	32	40	60	55	96	85	79	86	na	na	na	na	na	na	na
Other S&E technologies	2	3	0	2	8	8	38	46	42	34	26	na	na	na	na	na	na	na
Black or African American																		
All fields	58,408	61,658	64,745	72,051	76,930	81,825	84,527	85,944	89,074	94,440	105,503	119,153	131,310	127,770	127,067	131,171	128,307	125,139
S&E	4,629	5,328	6,120	8,198	7,727	6,891	6,499	5,890	6,064	6,597	7,816	9,541	10,156	10,564	10,899	11,101	9,593	9,598
Engineering	131	117	134	217	289	288	215	190	227	169	165	183	236	244	308	322	408	395
Aerospace	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	14	0	0	0	0	0	1	1	0	3	1	1	1	3
Civil	5	3	3	2	8	9	3	5	2	7	3	4	2	4	6	6	10	10
Electrical	27	30	32	121	161	146	97	79	96	32	16	23	17	17	44	52	59	49
Industrial	1	3	3	3	2	2	2	3	3	5	0	3	3	3	0	7	6	3

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Materials	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Mechanical	0	0	1	0	0	0	1	0	4	2	3	1	4	3	7	4	12	8
Other	98	81	94	90	104	131	112	103	121	123	142	151	210	214	250	252	320	322
Science	4,498	5,211	5,986	7,981	7,438	6,603	6,284	5,700	5,837	6,428	7,651	9,358	9,920	10,320	10,591	10,779	9,185	9,203
Natural sciences	3,497	4,263	4,990	6,899	6,272	5,384	4,956	4,367	4,507	4,667	5,221	6,017	6,210	6,529	6,564	6,632	4,973	4,951
Agricultural sciences	20	4	14	13	19	8	18	28	18	17	25	12	25	20	34	30	28	32
Biological sciences	139	131	138	145	135	142	185	207	172	183	243	272	327	363	376	431	458	473
Earth, atmospheric, and ocean sciences	0	0	1	1	0	1	4	0	2	0	1	2	0	1	2	2	3	1
Atmospheric sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Earth sciences	0	0	0	1	0	1	1	0	2	0	1	2	0	1	2	2	2	1
Oceanography	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	3,253	4,048	4,760	6,677	6,043	5,154	4,652	4,032	4,214	4,351	4,826	5,369	5,465	5,723	5,730	5,767	4,019	3,930
Computer sciences	3,215	3,998	4,733	6,636	6,007	5,119	4,617	3,988	4,171	4,316	4,778	5,278	5,404	5,653	5,670	5,678	3,918	3,824
Mathematics	38	50	27	41	36	35	35	44	43	35	48	91	61	70	60	89	101	106
Physical sciences	85	80	77	63	75	79	97	100	101	116	126	362	393	422	422	402	465	515
Astronomy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Chemistry	17	12	9	15	15	22	16	17	15	22	15	13	17	29	18	32	30	42
Physics	2	1	1	6	5	3	5	4	7	3	11	20	9	8	10	15	17	19
Other physical sciences	66	67	67	42	55	54	76	79	79	91	100	329	367	385	394	355	417	454
Social and behavioral sciences	1,001	948	996	1,082	1,166	1,219	1,328	1,333	1,330	1,761	2,430	3,341	3,710	3,791	4,027	4,147	4,212	4,252
Psychology	136	144	141	146	158	173	198	203	214	370	730	314	416	457	587	698	831	842
Social sciences	865	804	855	936	1,008	1,046	1,130	1,130	1,116	1,391	1,700	3,027	3,294	3,334	3,440	3,449	3,381	3,410
Anthropology	3	1	1	1	0	6	3	2	0	4	3	5	6	8	7	16	14	14
Area and ethnic studies	16	7	13	24	17	23	19	15	26	25	37	22	18	27	39	31	42	44
Economics	7	5	9	9	19	14	22	23	21	22	27	18	10	18	19	12	28	40
History of science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Linguistics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0
Political science and public administration	276	254	248	292	312	350	449	449	395	434	531	1,069	1,403	1,544	1,699	1,588	1,602	1,602
Sociology	55	66	73	77	100	76	67	67	64	90	79	108	143	176	176	236	275	279
Other social sciences	508	471	511	533	560	577	570	574	610	816	1,023	1,805	1,714	1,561	1,498	1,566	1,419	1,431
Non-S&E	53,779	56,330	58,625	63,853	69,203	74,934	78,028	80,054	83,010	87,843	97,687	109,612	121,154	117,206	116,168	120,070	118,714	115,541
S&E technologies	8,258	8,575	8,054	9,560	10,585	11,678	12,563	13,189	13,748	14,244	16,908	20,451	22,629	21,235	19,018	19,724	18,309	17,706
Engineering technologies	4,040	4,143	3,860	4,364	3,864	3,454	3,167	3,168	3,295	3,575	3,889	4,319	4,308	4,392	3,943	4,282	3,324	3,155
Health technologies	4,044	4,212	4,048	5,031	6,518	8,016	9,140	9,779	10,142	10,416	12,737	15,818	17,928	16,483	14,660	14,996	14,475	14,010
Science technologies	147	163	119	134	136	128	151	142	160	175	217	222	247	249	266	276	355	400
Other S&E technologies	27	57	27	31	67	80	105	100	151	78	65	92	146	111	149	170	155	141

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Native Hawaiian or Other Pacific Islander																		
All fields	na	na	na	na	na	na	na	na	na	na	na	4,749	4,421	4,422	4,326	4,103	3,907	3,893
S&E	na	na	na	na	na	na	na	na	na	na	na	496	506	533	428	435	389	410
Engineering	na	na	na	na	na	na	na	na	na	na	na	21	23	20	21	16	17	12
Aerospace	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Chemical	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Civil	na	na	na	na	na	na	na	na	na	na	na	0	2	0	0	0	0	0
Electrical	na	na	na	na	na	na	na	na	na	na	na	2	2	2	3	3	3	6
Industrial	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	1
Materials	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Mechanical	na	na	na	na	na	na	na	na	na	na	na	0	2	0	0	1	2	0
Other	na	na	na	na	na	na	na	na	na	na	na	19	17	18	18	12	12	5
Science	na	na	na	na	na	na	na	na	na	na	na	475	483	513	407	419	372	398
Natural sciences	na	na	na	na	na	na	na	na	na	na	na	236	255	268	251	239	197	219
Agricultural sciences	na	na	na	na	na	na	na	na	na	na	na	15	23	27	25	27	31	33
Biological sciences	na	na	na	na	na	na	na	na	na	na	na	52	25	31	29	34	29	25
Earth, atmospheric, and ocean sciences	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	1	0	0
Atmospheric sciences	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Earth sciences	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	1	0	0
Oceanography	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Mathematics and computer sciences	na	na	na	na	na	na	na	na	na	na	na	148	195	193	177	159	113	143
Computer sciences	na	na	na	na	na	na	na	na	na	na	na	146	190	190	174	153	106	129
Mathematics	na	na	na	na	na	na	na	na	na	na	na	2	5	3	3	6	7	14
Physical sciences	na	na	na	na	na	na	na	na	na	na	na	21	12	17	20	18	24	18
Astronomy	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Chemistry	na	na	na	na	na	na	na	na	na	na	na	1	3	0	3	3	2	1
Physics	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	4	2	1
Other physical sciences	na	na	na	na	na	na	na	na	na	na	na	20	9	17	17	11	20	16
Social and behavioral sciences	na	na	na	na	na	na	na	na	na	na	na	239	228	245	156	180	175	179
Psychology	na	na	na	na	na	na	na	na	na	na	na	18	19	31	23	20	41	46
Social sciences	na	na	na	na	na	na	na	na	na	na	na	221	209	214	133	160	134	133
Anthropology	na	na	na	na	na	na	na	na	na	na	na	1	2	1	0	2	3	2
Area and ethnic studies	na	na	na	na	na	na	na	na	na	na	na	1	3	11	17	15	19	11
Economics	na	na	na	na	na	na	na	na	na	na	na	0	0	0	1	3	3	6
History of science	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Linguistics	na	na	na	na	na	na	na	na	na	na	na	0	0	0	1	0	0	0

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Political science and public administration	na	na	na	na	na	na	na	na	na	na	na	na	26	24	29	13	23	15	27
Sociology	na	na	na	na	na	na	na	na	na	na	na	na	6	10	10	11	7	17	14
Other social sciences	na	na	na	na	na	na	na	na	na	na	na	na	187	170	163	90	110	77	73
Non-S&E	na	na	na	na	na	na	na	na	na	na	na	na	4,253	3,915	3,889	3,898	3,668	3,518	3,483
S&E technologies	na	na	na	na	na	na	na	na	na	na	na	na	576	539	569	534	483	497	474
Engineering technologies	na	na	na	na	na	na	na	na	na	na	na	na	102	102	130	95	95	108	122
Health technologies	na	na	na	na	na	na	na	na	na	na	na	na	459	416	430	427	368	372	339
Science technologies	na	na	na	na	na	na	na	na	na	na	na	na	8	11	6	5	7	12	6
Other S&E technologies	na	na	na	na	na	na	na	na	na	na	na	na	7	10	3	7	13	5	7
White																			
All fields	396,145	396,412	401,199	417,683	431,419	449,935	456,951	461,859	467,389	487,473	513,086	560,422	586,478	580,945	568,298	561,723	542,660	530,746	
S&E	23,837	28,362	31,883	37,939	35,655	32,581	29,621	28,050	28,652	31,177	34,712	41,359	43,665	44,789	44,307	44,059	40,883	41,574	
Engineering	1,177	1,278	1,265	1,387	1,569	1,488	1,354	1,316	1,453	1,384	1,621	1,797	2,068	2,266	2,507	2,862	2,914	3,134	
Aerospace	1	0	0	0	0	0	1	0	0	0	2	0	2	0	0	1	0	0	
Chemical	11	17	22	6	175	2	3	2	1	4	5	14	8	8	11	26	18	17	
Civil	31	40	25	43	35	35	26	35	17	16	25	45	50	64	37	42	44	62	
Electrical	157	159	123	288	337	287	196	180	168	115	133	94	100	106	142	161	143	173	
Industrial	58	92	59	66	43	79	42	38	46	71	64	49	50	45	52	54	50	50	
Materials	8	12	8	11	12	13	10	7	8	5	8	5	1	5	9	9	10	6	
Mechanical	52	46	40	48	50	43	47	45	60	79	77	69	96	99	118	110	161	133	
Other	859	912	988	925	917	1,029	1,029	1,009	1,153	1,094	1,307	1,521	1,761	1,939	2,138	2,459	2,488	2,693	
Science	22,660	27,084	30,618	36,552	34,086	31,093	28,267	26,734	27,199	29,793	33,091	39,562	41,597	42,523	41,800	41,197	37,969	38,440	
Natural sciences	18,573	22,788	26,034	32,049	29,249	25,958	23,025	21,286	21,426	22,835	24,222	27,932	29,219	29,160	28,269	27,928	25,076	25,490	
Agricultural sciences	1,741	1,840	1,725	1,795	1,695	1,716	1,686	1,556	1,557	1,571	1,618	1,838	2,157	1,995	2,051	2,113	2,163	2,281	
Biological sciences	937	989	1,047	1,132	1,084	1,219	1,115	1,178	1,260	1,300	1,432	1,628	1,822	1,886	2,015	2,158	2,267	2,211	
Earth, atmospheric, and ocean sciences	76	73	54	48	35	39	52	59	57	82	87	80	76	87	108	112	106	94	
Atmospheric sciences	0	1	0	0	2	2	7	8	5	4	16	8	9	4	6	3	0	0	
Earth sciences	24	30	25	31	21	18	32	33	30	47	43	37	42	49	71	74	76	92	
Oceanography	52	42	29	17	12	19	13	18	22	31	28	35	25	34	31	35	30	2	
Mathematics and computer sciences	15,020	19,133	22,317	28,386	25,519	22,032	19,213	17,415	17,537	18,801	19,880	23,039	23,656	23,468	22,263	21,615	18,462	18,713	
Computer sciences	14,638	18,772	21,933	28,012	25,081	21,621	18,835	16,990	17,136	18,339	19,413	22,348	22,991	22,697	21,420	20,509	17,384	17,512	
Mathematics	382	361	384	374	438	411	378	425	401	462	467	691	665	771	843	1,106	1,078	1,201	
Physical sciences	799	753	891	688	916	952	959	1,078	1,015	1,081	1,205	1,347	1,508	1,724	1,832	1,930	2,078	2,191	
Astronomy	0	1	2	0	0	2	4	1	1	2	0	1	4	1	4	2	3	7	
Chemistry	144	98	133	128	153	158	158	156	184	170	183	200	187	245	260	328	333	371	
Physics	65	72	77	80	89	92	66	86	67	90	100	112	125	146	189	271	309	368	

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Other physical sciences	590	582	679	480	674	700	731	835	763	819	922	1,034	1,192	1,332	1,379	1,329	1,433	1,445
Social and behavioral sciences	4,087	4,296	4,584	4,503	4,837	5,135	5,242	5,448	5,773	6,958	8,869	11,630	12,378	13,363	13,531	13,269	12,893	12,950
Psychology	959	1,012	1,121	1,121	1,152	1,130	1,148	1,268	1,355	2,165	3,493	2,003	2,173	2,681	3,119	3,236	3,586	3,672
Social sciences	3,128	3,284	3,463	3,382	3,685	4,005	4,094	4,180	4,418	4,793	5,376	9,627	10,205	10,682	10,412	10,033	9,307	9,278
Anthropology	32	51	63	44	62	75	79	64	96	85	117	130	182	166	201	226	306	332
Area and ethnic studies	59	209	211	16	15	17	16	26	23	14	31	40	28	46	63	89	77	96
Economics	81	92	88	85	102	116	142	124	146	131	140	143	151	190	157	222	277	460
History of science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Linguistics	0	0	0	0	0	1	0	0	1	0	2	0	1	0	8	3	4	1
Political science and public administration	371	353	338	497	650	761	812	813	862	836	881	2,041	2,368	3,144	3,295	3,133	2,763	2,755
Sociology	203	187	210	219	235	201	202	196	217	240	253	332	360	542	571	675	763	837
Other social sciences	2,382	2,392	2,553	2,521	2,621	2,834	2,843	2,957	3,073	3,487	3,952	6,941	7,115	6,594	6,117	5,685	5,117	4,797
Non-S&E	372,308	368,050	369,316	379,744	395,764	417,354	427,330	433,809	438,737	456,296	478,374	519,063	542,813	536,156	523,991	517,664	501,777	489,172
S&E technologies	59,987	56,812	52,956	55,621	58,958	62,313	64,337	66,943	69,002	71,362	77,730	90,822	96,719	92,913	87,297	84,261	79,674	76,938
Engineering technologies	27,820	26,801	25,386	25,909	24,352	22,157	20,433	20,659	21,323	22,249	22,511	24,791	24,359	23,623	21,869	21,591	20,144	20,302
Health technologies	31,311	29,155	26,810	28,905	33,666	39,102	42,702	44,838	46,215	47,679	53,579	64,190	70,326	67,199	63,276	60,426	57,247	54,118
Science technologies	833	814	728	766	780	858	829	938	933	960	1,175	1,288	1,400	1,435	1,497	1,492	1,650	1,830
Other S&E technologies	23	42	32	41	160	196	373	508	531	474	465	553	634	656	655	752	633	688
More than one race ^c																		
All fields	na	na	na	na	na	na	na	na	na	na	na	10,487	13,726	18,278	21,431	24,290	27,732	28,570
S&E	na	na	na	na	na	na	na	na	na	na	na	726	1,110	1,800	2,154	2,549	3,087	3,110
Engineering	na	na	na	na	na	na	na	na	na	na	na	25	26	58	90	101	149	148
Aerospace	na	na	na	na	na	na	na	na	na	na	na	0	1	0	0	0	0	0
Chemical	na	na	na	na	na	na	na	na	na	na	na	0	0	0	1	4	0	1
Civil	na	na	na	na	na	na	na	na	na	na	na	1	1	2	2	0	1	2
Electrical	na	na	na	na	na	na	na	na	na	na	na	0	0	4	3	8	9	9
Industrial	na	na	na	na	na	na	na	na	na	na	na	0	0	0	1	2	0	0
Materials	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Mechanical	na	na	na	na	na	na	na	na	na	na	na	4	6	6	5	3	8	11
Other	na	na	na	na	na	na	na	na	na	na	na	20	18	46	78	84	131	125
Science	na	na	na	na	na	na	na	na	na	na	na	701	1,084	1,742	2,064	2,448	2,938	2,962
Natural sciences	na	na	na	na	na	na	na	na	na	na	na	421	590	916	1,061	1,256	1,405	1,481
Agricultural sciences	na	na	na	na	na	na	na	na	na	na	na	21	26	34	40	48	68	69
Biological sciences	na	na	na	na	na	na	na	na	na	na	na	34	55	91	94	129	153	192
Earth, atmospheric, and ocean sciences	na	na	na	na	na	na	na	na	na	na	na	2	0	2	2	3	2	2
Atmospheric sciences	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Earth sciences	na	na	na	na	na	na	na	na	na	na	na	2	0	2	1	1	1	2
Oceanography	na	na	na	na	na	na	na	na	na	na	na	0	0	0	1	2	1	0
Mathematics and computer sciences	na	na	na	na	na	na	na	na	na	na	na	321	442	677	790	904	983	1,014
Computer sciences	na	na	na	na	na	na	na	na	na	na	na	300	422	628	738	810	874	895
Mathematics	na	na	na	na	na	na	na	na	na	na	na	21	20	49	52	94	109	119
Physical sciences	na	na	na	na	na	na	na	na	na	na	na	43	67	112	135	172	199	204
Astronomy	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Chemistry	na	na	na	na	na	na	na	na	na	na	na	4	10	18	22	29	33	42
Physics	na	na	na	na	na	na	na	na	na	na	na	1	5	10	14	31	44	37
Other physical sciences	na	na	na	na	na	na	na	na	na	na	na	38	52	84	99	112	122	125
Social and behavioral sciences	na	na	na	na	na	na	na	na	na	na	na	280	494	826	1,003	1,192	1,533	1,481
Psychology	na	na	na	na	na	na	na	na	na	na	na	53	85	169	226	333	371	436
Social sciences	na	na	na	na	na	na	na	na	na	na	na	227	409	657	777	859	1,162	1,045
Anthropology	na	na	na	na	na	na	na	na	na	na	na	5	10	16	25	16	39	36
Area and ethnic studies	na	na	na	na	na	na	na	na	na	na	na	3	4	14	24	43	43	36
Economics	na	na	na	na	na	na	na	na	na	na	na	4	4	13	6	10	33	43
History of science	na	na	na	na	na	na	na	na	na	na	na	0	0	0	0	0	0	0
Linguistics	na	na	na	na	na	na	na	na	na	na	na	0	0	0	1	0	0	0
Political science and public administration	na	na	na	na	na	na	na	na	na	na	na	37	63	122	145	176	245	203
Sociology	na	na	na	na	na	na	na	na	na	na	na	15	24	39	77	96	103	119
Other social sciences	na	na	na	na	na	na	na	na	na	na	na	163	304	453	499	518	699	608
Non-S&E	na	na	na	na	na	na	na	na	na	na	na	9,761	12,616	16,478	19,277	21,741	24,645	25,460
S&E technologies	na	na	na	na	na	na	na	na	na	na	na	1,412	1,926	2,479	2,617	2,791	3,181	3,131
Engineering technologies	na	na	na	na	na	na	na	na	na	na	na	329	384	643	698	712	731	742
Health technologies	na	na	na	na	na	na	na	na	na	na	na	1,053	1,492	1,752	1,783	1,980	2,324	2,250
Science technologies	na	na	na	na	na	na	na	na	na	na	na	17	30	64	78	63	79	95
Other S&E technologies	na	na	na	na	na	na	na	na	na	na	na	13	20	20	58	36	47	44
Other or unknown race or ethnicity																		
All fields	17,261	20,263	23,097	28,526	35,192	36,799	40,987	43,360	49,781	52,901	60,515	67,385	73,246	57,882	53,992	48,088	41,651	35,858
S&E	1,501	1,764	2,109	3,173	3,814	3,343	3,055	2,966	3,373	4,048	5,356	7,530	9,853	5,668	4,927	4,180	3,679	3,036
Engineering	60	60	64	88	99	101	132	120	115	104	143	134	191	194	183	219	234	224
Aerospace	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Chemical	0	0	0	0	7	0	0	0	0	1	1	2	0	0	0	5	4	3
Civil	8	3	4	2	3	3	3	2	3	0	1	1	3	4	1	2	3	2
Electrical	7	5	5	23	31	25	53	20	14	8	13	13	23	6	18	11	22	15
Industrial	0	0	5	1	0	0	1	1	2	1	1	12	3	9	2	6	9	3

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Materials	3	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Mechanical	1	1	0	0	2	4	0	1	7	2	4	6	10	11	7	18	20	13
Other	41	49	50	62	56	69	75	96	89	92	122	100	152	164	155	175	176	187
Science	1,441	1,704	2,045	3,085	3,715	3,242	2,923	2,846	3,258	3,944	5,213	7,396	9,662	5,474	4,744	3,961	3,445	2,812
Natural sciences	1,050	1,378	1,704	2,716	3,243	2,777	2,396	2,217	2,576	2,684	3,172	4,531	6,286	3,244	2,963	2,449	2,130	1,839
Agricultural sciences	22	45	59	52	72	46	48	62	40	79	84	96	99	94	77	88	82	77
Biological sciences	47	32	37	72	74	83	96	114	109	164	182	262	221	205	214	158	168	139
Earth, atmospheric, and ocean sciences	3	2	1	0	2	0	5	2	3	4	0	2	4	3	4	5	3	6
Atmospheric sciences	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Earth sciences	1	1	1	0	1	0	3	2	3	2	0	1	4	1	4	5	1	6
Oceanography	2	1	0	0	1	0	2	0	0	2	0	0	0	2	0	0	2	0
Mathematics and computer sciences	910	1,239	1,530	2,529	2,973	2,557	2,152	1,866	2,292	2,279	2,748	3,955	5,762	2,710	2,465	2,001	1,634	1,415
Computer sciences	882	1,214	1,494	2,494	2,934	2,520	2,116	1,800	2,227	2,227	2,662	3,777	5,687	2,634	2,387	1,918	1,552	1,363
Mathematics	28	25	36	35	39	37	36	66	65	52	86	178	75	76	78	83	82	52
Physical sciences	68	60	77	63	122	91	95	173	132	158	158	216	200	232	203	197	243	202
Astronomy	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0
Chemistry	14	4	11	16	16	9	14	25	24	47	34	32	31	38	35	29	33	22
Physics	5	10	8	10	14	6	9	15	10	17	21	20	20	18	22	21	13	11
Other physical sciences	49	46	58	37	92	76	72	132	98	94	103	164	149	175	145	147	197	169
Social and behavioral sciences	391	326	341	369	472	465	527	629	682	1,260	2,041	2,865	3,376	2,230	1,781	1,512	1,315	973
Psychology	55	62	63	71	83	87	90	109	141	454	1,014	223	288	339	263	269	296	256
Social sciences	336	264	278	298	389	378	437	520	541	806	1,027	2,642	3,088	1,891	1,518	1,243	1,019	717
Anthropology	4	8	5	10	12	13	14	17	18	20	28	18	21	15	18	14	23	14
Area and ethnic studies	107	26	28	0	8	3	2	6	6	6	8	9	8	10	7	10	6	16
Economics	11	9	10	16	23	23	22	20	19	28	35	24	22	22	20	12	17	25
History of science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Linguistics	0	0	0	0	0	0	1	1	0	0	0	0	0	0	4	0	0	0
Political science and public administration	15	21	32	37	59	73	72	106	78	124	146	659	1,069	604	489	425	372	229
Sociology	16	13	19	21	41	33	30	24	38	37	64	54	56	59	72	59	55	61
Other social sciences	183	187	184	214	246	233	296	346	382	591	746	1,878	1,912	1,181	908	723	546	372
Non-S&E	15,760	18,499	20,988	25,353	31,378	33,456	37,932	40,394	46,408	48,853	55,159	59,855	63,393	52,214	49,065	43,908	37,972	32,822
S&E technologies	1,869	2,124	2,648	3,227	3,963	3,625	4,312	4,543	4,757	5,727	7,760	11,631	14,513	10,356	10,713	7,785	5,932	4,648
Engineering technologies	982	971	1,506	1,952	2,035	1,283	1,193	1,093	1,311	1,639	1,759	2,499	4,690	2,072	1,879	1,668	1,418	1,113
Health technologies	876	1,137	1,123	1,249	1,872	2,277	3,053	3,359	3,337	3,981	5,891	9,018	9,728	8,167	8,720	6,001	4,419	3,429
Science technologies	11	16	19	26	31	34	25	47	66	60	74	75	69	73	75	85	72	84
Other S&E technologies	0	0	0	0	25	31	41	44	43	47	36	39	26	44	39	31	23	22

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Temporary visa holder																		
All fields	10,116	11,602	12,294	13,486	14,568	14,121	13,432	13,827	14,445	15,224	16,160	16,632	17,106	16,872	17,113	17,984	19,404	20,938
S&E	849	1,155	1,416	1,615	1,621	1,352	1,099	895	954	1,156	1,300	1,521	1,598	1,587	1,715	1,936	2,171	2,600
Engineering	68	97	57	81	118	122	87	93	89	149	151	184	239	174	196	228	237	355
Aerospace	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
Chemical	2	1	2	0	3	0	2	1	0	4	2	9	1	3	3	7	4	13
Civil	4	0	2	6	1	0	4	1	3	7	6	6	9	11	5	1	8	9
Electrical	3	38	1	4	14	9	2	7	6	15	8	10	11	9	14	12	19	13
Industrial	1	2	2	1	0	3	2	3	0	0	0	0	0	0	0	1	1	0
Materials	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Mechanical	1	0	1	1	1	2	0	1	5	3	17	12	15	9	28	24	24	37
Other	57	56	49	69	99	108	76	80	75	120	118	147	203	141	146	183	180	283
Science	781	1,058	1,359	1,534	1,503	1,230	1,012	802	865	1,007	1,149	1,337	1,359	1,413	1,519	1,708	1,934	2,245
Natural sciences	630	877	1,188	1,339	1,274	1,019	831	626	672	775	846	986	970	969	1,081	1,203	1,329	1,603
Agricultural sciences	23	46	52	11	43	15	42	8	16	12	13	10	12	16	22	92	28	20
Biological sciences	27	35	30	49	57	58	64	61	83	72	108	92	93	114	112	92	115	143
Earth, atmospheric, and ocean sciences	1	4	1	0	2	0	2	4	3	0	3	2	2	3	1	1	0	6
Atmospheric sciences	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Earth sciences	1	4	1	0	2	0	2	3	3	0	3	1	2	3	1	1	0	6
Oceanography	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mathematics and computer sciences	524	759	1,061	1,221	1,086	829	596	448	438	525	556	624	576	582	640	642	822	988
Computer sciences	491	717	1,025	1,175	1,039	769	542	419	393	483	495	549	490	513	545	547	667	777
Mathematics	33	42	36	46	47	60	54	29	45	42	61	75	86	69	95	95	155	211
Physical sciences	55	33	44	58	86	117	127	105	132	166	166	258	287	254	306	376	364	446
Astronomy	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0
Chemistry	32	9	5	13	13	19	19	18	10	23	21	28	33	19	21	25	20	35
Physics	8	3	5	16	9	11	12	4	14	10	6	9	11	8	21	23	26	41
Other physical sciences	15	21	34	29	64	87	96	83	107	133	139	221	243	227	264	327	317	370
Social and behavioral sciences	151	181	171	195	229	211	181	176	193	232	303	351	389	444	438	505	605	642
Psychology	22	25	36	43	44	38	22	21	30	52	81	56	37	62	80	115	102	124
Social sciences	129	156	135	152	185	173	159	155	163	180	222	295	352	382	358	390	503	518
Anthropology	3	2	1	0	2	1	3	4	3	1	4	3	2	2	0	7	6	2
Area and ethnic studies	16	21	15	6	3	2	4	0	2	6	12	11	4	5	10	4	12	6
Economics	18	27	20	31	38	32	29	19	32	35	49	45	58	53	52	65	141	193
History of science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Linguistics	0	0	0	0	0	4	0	0	0	0	1	0	0	1	3	0	0	0

TABLE S2-5

Associate's degrees awarded, by citizenship, field, race, and ethnicity: 2000–17

(Number)

Citizenship, field, race, and ethnicity	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Political science and public administration	12	14	11	10	23	13	26	21	23	19	20	34	46	66	53	57	87	89
Sociology	4	10	6	6	21	19	15	19	18	7	9	12	16	18	13	18	20	21
Other social sciences	76	82	82	99	98	102	82	92	85	112	127	190	226	237	227	239	237	207
Non-S&E	9,267	10,447	10,878	11,871	12,947	12,769	12,333	12,932	13,491	14,068	14,860	15,111	15,508	15,285	15,398	16,048	17,233	18,338
S&E technologies	561	1,115	705	804	898	873	807	784	928	875	1,030	959	1,020	1,044	956	885	979	1,125
Engineering technologies	337	838	442	460	507	357	319	297	328	277	343	288	264	318	311	312	415	494
Health technologies	216	257	252	331	370	496	467	458	571	571	644	636	712	677	602	537	522	585
Science technologies	8	20	11	13	21	20	21	29	29	27	43	35	44	49	43	36	42	46
Other S&E technologies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

na = not applicable; data were not collected for this detail.

^a Beginning in 2008, Hispanic may be any race and race categories exclude Hispanic origin.

^b Pacific Islander includes Native Hawaiian or Other Pacific Islander.

^c In 2011, the survey required institutions to begin reporting information on more than one race, along with information in the other racial and ethnic categories, but institutions were not required to update the race and ethnicity data of people who were already in the system. Therefore, the number reported for more than one race for the years after 2011 is likely to be an undercount.

Note(s)

Racial and ethnic breakouts include U.S. citizens and permanent residents only; temporary visa holder includes all racial and ethnic groups. Engineering technologies are focused more on applied skills than on fundamental science and mathematics. Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data from *Science and Engineering Indicators 2008* and earlier years that were based on accredited higher education institutions.

Source(s)

National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Completions Survey; National Center for Science and Engineering Statistics, National Science Foundation, Integrated Data System (IDS).

Science and Engineering Indicators