

TABLE 4-3

## S&amp;E and S&amp;E technologies associate's degrees awarded, by sex, citizenship, ethnicity, race, and field: 2016

(Number)

Sex, citizenship, ethnicity, and race	All fields	S&E	Science									Engineering	S&E technologies <sup>a</sup>			
			All sciences	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences		All S&E technologies	Engineering	Health	Other
All degrees	1,017,860	88,832	83,418	2,673	5,461	30,512	152	3,029	5,390	10,602	25,599	5,414	136,580	31,704	100,796	4,080
Female	622,196	41,129	40,331	1,145	3,599	6,378	57	869	2,224	8,011	18,048	798	88,729	4,300	83,126	1,303
Male	395,664	47,703	43,087	1,528	1,862	24,134	95	2,160	3,166	2,591	7,551	4,616	47,851	27,404	17,670	2,777
U.S. citizen and permanent resident	998,456	86,661	81,484	2,645	5,346	29,845	152	2,874	5,026	10,500	25,096	5,177	135,601	31,289	100,274	4,038
Female	611,428	40,247	39,513	1,139	3,521	6,194	57	815	2,093	7,931	17,763	734	88,220	4,195	82,741	1,284
Male	387,028	46,414	41,971	1,506	1,825	23,651	95	2,059	2,933	2,569	7,333	4,443	47,381	27,094	17,533	2,754
Hispanic or Latino <sup>b</sup>	196,579	21,328	20,354	180	1,619	3,771	28	1,008	1,263	4,534	7,951	974	21,544	4,360	16,449	735
Female	122,217	11,880	11,723	82	1,098	730	12	261	508	3,441	5,591	157	13,889	603	13,025	261
Male	74,362	9,448	8,631	98	521	3,041	16	747	755	1,093	2,360	817	7,655	3,757	3,424	474
Non-Hispanic or Latino	801,877	65,333	61,130	2,465	3,727	26,074	124	1,866	3,763	5,966	17,145	4,203	114,057	26,929	83,825	3,303
Female	489,211	28,367	27,790	1,057	2,423	5,464	45	554	1,585	4,490	12,172	577	74,331	3,592	69,716	1,023
Male	312,666	36,966	33,340	1,408	1,304	20,610	79	1,312	2,178	1,476	4,973	3,626	39,726	23,337	14,109	2,280
American Indian or Alaska Native	9,095	961	928	76	61	277	6	14	44	126	324	33	1,243	320	887	36
Female	5,909	527	522	35	43	88	3	4	23	97	229	5	814	59	743	12
Male	3,186	434	406	41	18	189	3	10	21	29	95	28	429	261	144	24
Asian	48,525	6,741	6,293	17	591	1,963	4	475	710	715	1,818	448	5,221	884	4,101	236
Female	27,456	3,036	2,946	5	385	445	2	170	324	483	1,132	90	3,052	142	2,825	85
Male	21,069	3,705	3,347	12	206	1,518	2	305	386	232	686	358	2,169	742	1,276	151
Black or African American	128,307	9,593	9,185	28	458	3,918	3	101	465	831	3,381	408	18,309	3,324	14,475	510
Female	85,636	5,028	4,968	17	318	1,087	0	34	276	639	2,597	60	13,122	604	12,377	141
Male	42,671	4,565	4,217	11	140	2,831	3	67	189	192	784	348	5,187	2,720	2,098	369
Native Hawaiian or Other Pacific Islander	3,907	389	372	31	29	106	0	7	24	41	134	17	497	108	372	17
Female	2,259	190	186	14	20	30	0	2	12	30	78	4	284	24	253	7
Male	1,648	199	186	17	9	76	0	5	12	11	56	13	213	84	119	10
White	542,660	40,883	37,969	2,163	2,267	17,384	106	1,078	2,078	3,586	9,307	2,914	79,674	20,144	57,247	2,283
Female	326,830	16,414	16,046	924	1,446	3,285	37	292	773	2,754	6,535	368	51,104	2,426	47,982	696
Male	215,830	24,469	21,923	1,239	821	14,099	69	786	1,305	832	2,772	2,546	28,570	17,718	9,265	1,587
More than one race	27,732	3,087	2,938	68	153	874	2	109	199	371	1,162	149	3,181	731	2,324	126
Female	16,990	1,563	1,538	31	102	192	2	29	84	267	831	25	2,078	150	1,886	42
Male	10,742	1,524	1,400	37	51	682	0	80	115	104	331	124	1,103	581	438	84
Other or unknown race or ethnicity	41,651	3,679	3,445	82	168	1,552	3	82	243	296	1,019	234	5,932	1,418	4,419	95

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			All sciences	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences		All S&E technologies	Engineering	Health	Other
Female	24,131	1,609	1,584	31	109	337	1	23	93	220	770	25	3,877	187	3,650	40
Male	17,520	2,070	1,861	51	59	1,215	2	59	150	76	249	209	2,055	1,231	769	55
Temporary resident	19,404	2,171	1,934	28	115	667	0	155	364	102	503	237	979	415	522	42
Female	10,768	882	818	6	78	184	0	54	131	80	285	64	509	105	385	19
Male	8,636	1,289	1,116	22	37	483	0	101	233	22	218	173	470	310	137	23

S&amp;E = science and engineering.

<sup>a</sup> Science technologies is included in "other."<sup>b</sup> Hispanic or Latino may be any race.**Note(s)**

Race and ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial and ethnic groups. Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data that were based on accredited higher education institutions.

**Source(s)**

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, unrevised provisional release data, 2016.