

Table 4-3

S&E and S&E technologies associate's degrees awarded, by sex, citizenship, ethnicity, race, and field: 2018

(Number)

Sex, citizenship, ethnicity, and race	All fields	S&E	Science										S&E technologies ^a			
			All sciences	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	All S&E technologies	Engineering	Health	Other
All fields	1,020,278	98,513	91,987	2,969	6,531	31,434	129	4,135	6,578	12,488	27,723	6,526	126,409	31,438	90,269	4,702
Female	618,385	45,780	44,687	1,301	4,406	6,204	55	1,255	2,736	9,567	19,163	1,093	80,158	4,463	73,994	1,701
Male	401,893	52,733	47,300	1,668	2,125	25,230	74	2,880	3,842	2,921	8,560	5,433	46,251	26,975	16,275	3,001
U.S. citizen and permanent resident	997,194	95,247	89,149	2,943	6,361	30,365	128	3,875	6,103	12,326	27,048	6,098	125,343	31,018	89,659	4,666
Female	605,797	44,494	43,506	1,287	4,290	5,930	55	1,150	2,563	9,450	18,781	988	79,558	4,357	73,519	1,682
Male	391,397	50,753	45,643	1,656	2,071	24,435	73	2,725	3,540	2,876	8,267	5,110	45,785	26,661	16,140	2,984
Hispanic or Latino ^b	225,334	27,118	25,852	199	2,198	4,428	27	1,418	1,747	5,779	10,056	1,266	22,792	4,728	17,068	996
Female	140,820	15,441	15,186	83	1,560	833	12	404	733	4,443	7,118	255	14,474	700	13,423	351
Male	84,514	11,677	10,666	116	638	3,595	15	1,014	1,014	1,336	2,938	1,011	8,318	4,028	3,645	645
Not Hispanic or Latino	771,860	68,129	63,297	2,744	4,163	25,937	101	2,457	4,356	6,547	16,992	4,832	102,551	26,290	72,591	3,670
Female	464,977	29,053	28,320	1,204	2,730	5,097	43	746	1,830	5,007	11,663	733	65,084	3,657	60,096	1,331
Male	306,883	39,076	34,977	1,540	1,433	20,840	58	1,711	2,526	1,540	5,329	4,099	37,467	22,633	12,495	2,339
American Indian or Alaska Native	8,966	982	944	75	79	264	2	23	56	103	342	38	1,082	307	743	32
Female	5,727	528	523	38	50	82	2	7	24	82	238	5	701	62	627	12
Male	3,239	454	421	37	29	182	0	16	32	21	104	33	381	245	116	20
Asian	54,129	8,423	7,812	35	793	2,420	13	768	917	884	1,982	611	5,372	1,030	4,076	266
Female	30,565	3,727	3,608	20	518	541	7	276	402	608	1,236	119	3,177	187	2,879	111
Male	23,564	4,696	4,204	15	275	1,879	6	492	515	276	746	492	2,195	843	1,197	155
Black or African American	121,112	9,937	9,477	33	497	3,770	1	116	576	898	3,586	460	15,453	2,818	12,067	568
Female	80,900	5,211	5,134	17	332	989	0	24	355	700	2,717	77	11,048	516	10,320	212
Male	40,212	4,726	4,343	16	165	2,781	1	92	221	198	869	383	4,405	2,302	1,747	356

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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
Native Hawaiian or Other Pacific Islander	3,919	444	424	56	41	119	0	10	16	28	154	20	430	94	323	13
Female	2,259	198	195	23	21	34	0	1	7	26	83	3	238	11	222	5
Male	1,660	246	229	33	20	85	0	9	9	2	71	17	192	83	101	8
White	517,190	41,770	38,507	2,397	2,380	17,135	76	1,276	2,315	3,824	9,104	3,263	72,625	20,156	49,935	2,534
Female	306,328	16,376	15,921	1,035	1,559	2,970	29	357	851	2,979	6,141	455	45,145	2,593	41,685	867
Male	210,862	25,394	22,586	1,362	821	14,165	47	919	1,464	845	2,963	2,808	27,480	17,563	8,250	1,667
More than one race	31,837	3,433	3,247	65	221	933	3	163	247	481	1,134	186	3,227	773	2,319	135
Female	19,368	1,713	1,676	37	148	221	1	59	99	354	757	37	2,109	139	1,903	67
Male	12,469	1,720	1,571	28	73	712	2	104	148	127	377	149	1,118	634	416	68
Other or unknown race or ethnicity	34,707	3,140	2,886	83	152	1,296	6	101	229	329	690	254	4,362	1,112	3,128	122
Female	19,830	1,300	1,263	34	102	260	4	22	92	258	491	37	2,666	149	2,460	57
Male	14,877	1,840	1,623	49	50	1,036	2	79	137	71	199	217	1,696	963	668	65
Temporary resident	23,084	3,266	2,838	26	170	1,069	1	260	475	162	675	428	1,066	420	610	36
Female	12,588	1,286	1,181	14	116	274	0	105	173	117	382	105	600	106	475	19
Male	10,496	1,980	1,657	12	54	795	1	155	302	45	293	323	466	314	135	17

S&E = science and engineering.

^a Science technologies is included in "other."^b Hispanic or Latino may be any race; race categories exclude Hispanic origin.**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.

Source(s):

Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, unrevised provisional release data, 2018, accessed 14 January 2020.