

Table HED-5

S&E degrees awarded to U.S. citizens and permanent residents, by degree level, race, and ethnicity: 2012 and 2021

(Number and percent change)

Degree level, race, and ethnicity	2012	2021	Change in degrees	
			Number	Percent
Certificates				
American Indian or Alaska Native	464	699	235	50.6
Asian	1,420	4,923	3,503	246.7
Black or African American	5,481	10,480	4,999	91.2
Hispanic or Latino	5,899	13,874	7,975	135.2
Native Hawaiian or Other Pacific Islander	134	226	92	68.7
White	22,970	41,571	18,601	81.0
More than one race	514	2,808	2,294	446.3
Associate's degrees				
American Indian or Alaska Native	1,282	1,115	-167	-13.0
Asian	6,726	16,359	9,633	143.2
Black or African American	12,339	12,125	-214	-1.7
Hispanic or Latino	18,570	49,155	30,585	164.7
Native Hawaiian or Other Pacific Islander	662	594	-68	-10.3
White	64,037	61,161	-2,876	-4.5
More than one race	1,554	6,335	4,781	307.7
Bachelor's degrees				
American Indian or Alaska Native	3,661	3,038	-623	-17.0
Asian	54,924	84,161	29,237	53.2
Black or African American	55,148	67,450	12,302	22.3
Hispanic or Latino	63,425	134,194	70,769	111.6
Native Hawaiian or Other Pacific Islander	1,568	1,530	-38	-2.4
White	379,086	410,637	31,551	8.3
More than one race	10,234	33,991	23,757	232.1
Master's degrees				
American Indian or Alaska Native	554	518	-36	-6.5
Asian	10,216	16,509	6,293	61.6
Black or African American	9,883	14,191	4,308	43.6
Hispanic or Latino	8,878	17,779	8,901	100.3
Native Hawaiian or Other Pacific Islander	207	264	57	27.5
White	71,362	80,229	8,867	12.4
More than one race	1,945	5,131	3,186	163.8
Doctoral degrees				
American Indian or Alaska Native	123	106	-17	-13.8
Asian	2,527	2,947	420	16.6
Black or African American	1,535	2,664	1,129	73.6
Hispanic or Latino	1,537	2,817	1,280	83.3
Native Hawaiian or Other Pacific Islander	24	40	16	66.7
White	18,632	19,409	777	4.2
More than one race	255	1,014	759	297.6

Note(s):

Data are based on institutions eligible to participate in Title IV federal financial aid programs. Certificates include only awards of less than 2 academic years below the associate's degree level. Doctoral degree programs include research doctoral degree programs only and do not include professional doctoral programs (e.g., Doctor of Medicine). Hispanic or Latino may be any race; race categories exclude Hispanic origin. Students on temporary visas are excluded, as are award recipients with unknown race and ethnicity.

Source(s):

National Center for Science and Engineering Statistics, special tabulations (2022) of the National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Completions Survey, provisional release data.