

Table SHED-1

S&E degrees awarded, by degree level, Carnegie institution type, and field: 2019

(Number)

Degree and institution type	All fields	All S&E	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering
Associate's	1,045,129	104,435	2,948	7,445	31,939	156	4,631	6,943	14,481	29,400	6,492
Doctoral universities: very high research activity	2,629	69	59	0	7	0	0	0	0	3	0
Doctoral universities: high research activity	6,065	280	62	0	151	0	1	1	0	63	2
Doctoral/ professional universities	16,509	1,435	0	9	1,041	0	0	0	185	196	4
Master's colleges and universities	53,025	3,247	25	156	2,135	0	56	102	236	460	77
Baccalaureate colleges	70,838	3,444	234	80	2,093	1	6	335	53	510	132
Associate's colleges	841,275	94,200	2,442	7,126	25,931	146	4,564	6,465	13,982	27,318	6,226
Medical schools and medical centers	204	0	0	0	0	0	0	0	0	0	0
Schools of engineering	4	1	0	0	0	0	0	0	0	0	1
Other specialized institutions	49,011	1,391	77	64	504	0	0	40	1	678	27
Tribal colleges	1,659	305	49	10	38	9	4	0	9	168	18
Not classified	3,910	63	0	0	39	0	0	0	15	4	5
Bachelor's	2,034,071	724,947	33,472	127,415	89,421	6,997	28,252	23,562	117,638	169,005	129,185
Doctoral universities: very high research activity	642,930	320,495	16,105	56,252	33,533	3,351	14,454	9,843	35,595	75,541	75,821
Doctoral universities: high research activity	312,681	111,737	4,747	19,661	12,502	1,056	3,631	3,378	17,829	22,632	26,301
Doctoral/ professional universities	189,804	45,589	1,718	8,095	6,705	265	1,367	1,418	10,696	11,192	4,133
Master's colleges and universities	636,782	177,222	7,641	28,760	27,031	1,701	6,074	5,630	41,990	40,682	17,713
Baccalaureate colleges	175,661	64,048	3,149	14,041	6,775	601	2,695	3,263	10,893	18,707	3,924
Associate's colleges	6,037	844	72	14	749	0	0	0	0	0	9
Medical schools and medical centers	6,245	10	0	9	0	1	0	0	0	0	0
Schools of engineering	1,505	1,431	0	25	130	20	26	17	0	0	1,213
Other specialized institutions	60,371	3,234	3	537	1,964	0	5	12	528	128	57
Tribal colleges	368	121	34	4	5	2	0	0	17	57	2
Not classified	1,687	216	3	17	27	0	0	1	90	66	12
Master's	839,563	209,566	6,754	18,054	45,754	2,093	13,639	4,806	26,388	39,003	53,075

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Doctoral universities: very high research activity	289,555	109,492	4,346	9,707	22,307	1,354	8,950	3,143	3,161	19,830	36,694
Doctoral universities: high research activity	119,221	33,607	1,051	2,604	6,875	494	2,088	1,030	3,327	6,644	9,494
Doctoral/ professional universities	131,651	20,444	227	1,919	4,944	45	566	169	7,787	3,465	1,322
Master's colleges and universities	232,367	38,368	1,052	1,982	10,748	193	1,762	429	9,246	7,908	5,048
Baccalaureate colleges	12,866	1,697	75	188	281	0	17	29	266	765	76
Associate's colleges	0	0	0	0	0	0	0	0	0	0	0
Medical schools and medical centers	11,127	1,700	2	1,443	0	0	0	3	115	102	35
Schools of engineering	366	297	0	0	16	7	0	1	0	0	273
Other specialized institutions	42,236	3,874	0	138	583	0	256	2	2,481	281	133
Tribal colleges	31	9	1	0	0	0	0	0	0	8	0
Not classified	143	78	0	73	0	0	0	0	5	0	0
Doctoral	74,015	47,753	1,442	14,946	2,174	961	2,009	5,313	4,297	5,281	11,330
Doctoral universities: very high research activity	48,403	35,517	1,216	9,455	1,718	846	1,786	4,608	1,763	4,314	9,811
Doctoral universities: high research activity	10,252	5,981	193	1,723	304	109	216	651	913	514	1,358
Doctoral/ professional universities	9,976	3,413	6	1,760	107	0	3	0	1,189	307	41
Master's colleges and universities	2,069	402	23	97	20	3	0	11	107	90	51
Baccalaureate colleges	157	18	0	5	0	0	4	7	0	2	0
Medical schools and medical centers	1,892	1,823	4	1,654	5	2	0	31	35	35	57
Schools of engineering	15	15	0	0	0	1	0	2	0	0	12
Other specialized institutions	1,230	563	0	233	20	0	0	3	288	19	0
Not classified	21	21	0	19	0	0	0	0	2	0	0

Note(s):

Medical and other health sciences are included in biological sciences for doctoral degrees. Carnegie institution type corresponds to the 2018 Carnegie Classification of Institutions of Higher Education.

Source(s):

National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Completions Survey.

Science and Engineering Indicators