

Table SLBR-28

## Employed S&amp;E highest degree holders, by race or ethnicity and field of degree: 2019

(Thousands and percent)

Highest degree field	Total	Asian		American Indian or Alaska Native		Black or African American		Hispanic or Latino		White		Native Hawaiian or Other Pacific Islander		More than one race	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All S&E degrees	15,362	2,457	16.0	35	0.2	1,035	6.7	1,453	9.5	10,004	65.1	42	0.3	336	2.2
Computer and mathematical sciences	2,837	699	24.6	s	s	217	7.6	187	6.6	1,657	58.4	11	0.4	64	2.3
Computer and information sciences	2,203	580	26.3	s	s	185	8.4	145	6.6	1,235	56.0	s	s	55	2.5
Computer and information sciences, general	350	100	28.7	s	s	45	12.7	37	10.6	157	44.9	s	s	10	3.0
Computer sciences	1,218	378	31.1	s	s	79	6.5	59	4.9	674	55.3	s	s	24	2.0
Computer systems analysis	46	9	19.2	s	s	s	s	4	7.8	31	66.9	s	s	s	s
Information services and systems	437	79	18.1	s	s	36	8.2	35	8.0	272	62.2	s	s	15	3.5
Other computer and information sciences	152	13	8.6	s	s	22	14.5	10	6.5	102	66.7	s	s	5	3.6
Mathematics and statistics	634	119	18.8	s	s	32	5.1	42	6.6	422	66.6	9	1.4	10	1.5
Applied mathematics	76	17	22.7	s	s	s	s	11	13.9	43	56.3	s	s	s	s
Mathematics, general	397	55	13.9	s	s	22	5.5	22	5.7	291	73.4	s	s	5	1.4
Operations research	42	7	16.7	s	s	s	s	1	3.0	33	77.5	s	s	s	s
Statistics	98	38	38.3	s	s	s	s	4	3.6	50	50.8	s	s	s	s
Other mathematics	21	2	9.6	s	s	s	s	s	s	5	26.2	s	s	s	s
Biological, agricultural, and environmental life sciences	2,437	347	14.2	3	0.1	133	5.5	216	8.9	1,683	69.1	3	0.1	51	2.1
Agricultural and food sciences	266	23	8.7	s	s	8	2.9	19	7.2	212	79.7	s	s	s	s
Animal sciences	115	s	s	s	s	4	3.4	5	4.2	97	84.8	s	s	s	s
Food sciences and technology	37	6	15.1	s	s	1	3.5	s	s	26	70.6	s	s	s	s
Plant sciences	79	9	11.3	s	s	2	2.2	7	8.6	61	77.6	s	s	s	s
Other agricultural sciences	36	3	8.6	s	s	s	s	s	s	28	77.3	s	s	s	s
Biological sciences	1,867	315	16.9	2	0.1	114	6.1	166	8.9	1,224	65.6	s	s	42	2.3
Biochemistry and biophysics	169	46	27.2	s	s	8	5.0	13	7.9	98	57.9	s	s	3	2.0
Biology, general	870	109	12.6	1	0.1	65	7.4	85	9.7	586	67.4	s	s	22	2.6
Botany	16	3	19.3	s	s	s	s	s	s	10	63.6	s	s	s	s
Cell and molecular biology	119	41	34.6	s	s	2	1.8	11	9.4	60	50.6	s	s	4	3.4
Ecology	102	3	2.5	s	s	12	12.1	3	3.1	80	78.0	s	s	4	4.3
Genetics, animal and plant	25	4	15.0	s	s	s	s	2	7.8	18	71.7	s	s	s	s
Microbiological sciences and immunology	127	23	17.7	s	s	5	3.6	17	13.5	81	64.0	s	s	s	s
Nutritional sciences	89	9	9.7	s	s	s	s	5	5.1	68	76.6	s	s	s	s
Pharmacology, human and animal	20	5	25.1	s	s	s	s	1	3.5	11	55.3	s	s	s	s
Physiology and pathology, human and animal	78	23	28.9	s	s	3	3.6	7	9.3	44	55.8	s	s	s	s
Zoology, general	81	14	17.6	s	s	3	3.2	2	2.6	61	75.7	s	s	s	s
Other biological sciences	172	36	21.2	s	s	8	4.6	18	10.4	107	62.6	s	s	s	s
Environmental life sciences	303	8	2.7	s	s	11	3.7	31	10.1	246	81.2	s	s	6	1.9

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		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Environmental science or studies	243	8	3.2	s	s	11	4.4	30	12.3	189	77.9	s	s	4	1.8
Forestry sciences	60	1	1.0	s	s	s	s	s	s	57	94.3	s	s	s	s
Physical and related sciences	889	135	15.2	3	0.3	35	4.0	53	5.9	642	72.2	s	s	20	2.3
Chemistry, except biochemistry	400	78	19.4	1	0.2	25	6.3	28	6.9	260	64.9	s	s	9	2.2
Earth, atmospheric, and ocean sciences	249	8	3.2	s	s	s	s	10	4.1	219	87.9	s	s	6	2.4
Atmospheric sciences and meteorology	21	2	10.1	s	s	s	s	s	s	18	85.2	s	s	1	3.1
Earth sciences	61	2	2.7	s	s	s	s	s	s	54	88.3	s	s	s	s
Geology	111	2	1.6	s	s	s	s	4	3.5	99	89.6	s	s	5	4.2
Geological sciences, other	56	3	4.6	s	s	s	s	s	s	48	85.1	s	s	s	s
Physics and astronomy	220	47	21.2	s	s	5	2.2	14	6.5	149	67.7	s	s	5	2.1
Astronomy and astrophysics	18	2	13.2	s	s	s	s	1	s	13	71.5	s	s	s	s
Physics	202	44	21.9	s	s	5	2.3	13	6.6	136	67.4	s	s	3	1.5
Other physical sciences	20	s	s	s	s	s	s	s	s	14	70.5	s	s	s	s
Social and related sciences	5,474	383	7.0	20	0.4	494	9.0	636	11.6	3,782	69.1	16	0.3	143	2.6
Economics	856	108	12.6	s	s	52	6.1	56	6.5	620	72.5	s	s	16	1.8
Agricultural economics	50	1	2.2	s	s	s	s	4	8.0	43	87.6	s	s	s	s
Economics	806	107	13.2	s	s	51	6.4	52	6.4	577	71.6	s	s	16	1.9
Political and related sciences	971	62	6.4	3	0.3	71	7.4	123	12.7	675	69.5	s	s	33	3.4
Public policy studies	75	5	6.6	s	s	4	5.6	7	9.6	56	75.0	s	s	2	2.0
International relations	173	18	10.4	s	s	12	7.0	22	13.0	110	63.3	s	s	10	5.5
Political science and government	722	39	5.4	s	s	55	7.6	93	12.9	509	70.4	s	s	22	3.0
Psychology	2,221	111	5.0	7	0.3	225	10.1	296	13.3	1,514	68.2	5	0.2	63	2.9
Educational psychology	142	12	8.7	s	s	10	7.1	22	15.2	96	67.7	s	s	1	0.9
Clinical psychology	261	9	3.5	s	s	26	9.9	34	12.9	182	69.8	s	s	9	3.6
Counseling psychology	358	10	2.9	s	s	48	13.3	38	10.7	249	69.5	s	s	11	3.1
Experimental psychology	43	s	s	s	s	s	s	3	6.4	33	75.7	s	s	s	s
General psychology	993	47	4.7	5	0.5	77	7.8	149	15.0	686	69.1	s	s	26	2.6
Industrial and organizational psychology	91	4	4.0	s	s	12	12.9	8	8.9	62	68.7	s	s	s	s
Social psychology	99	7	7.2	s	s	8	7.7	15	15.0	65	65.9	s	s	4	3.9
Other psychology	234	17	7.4	s	s	43	18.3	27	11.7	140	59.9	s	s	6	2.4
Sociology and anthropology	829	45	5.4	s	s	95	11.4	98	11.9	560	67.6	s	s	22	2.7
Anthropology and archaeology	177	6	3.6	s	s	11	6.5	14	7.9	138	77.9	s	s	7	4.0
Criminology	71	2	3.2	s	s	2	3.3	21	29.8	42	59.7	s	s	s	s
Sociology	581	36	6.2	s	s	81	13.9	63	10.9	381	65.5	s	s	12	2.1

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Other social sciences	598	58	9.7	3	0.5	51	8.5	64	10.6	412	68.9	s	s	9	1.5
Area and ethnic studies	125	14	11.4	s	s	15	12.3	22	17.9	68	54.8	s	s	3	2.3
Linguistics	84	10	12.1	s	s	s	s	9	11.0	56	66.7	s	s	s	s
Philosophy of science	51	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Geography	128	13	10.3	s	s	3	2.7	8	6.1	102	79.6	s	s	2	1.2
Other social sciences	210	14	6.9	s	s	15	7.3	24	11.5	150	71.5	s	s	4	1.7
Engineering	3,725	893	24.0	7	0.2	155	4.2	362	9.7	2,240	60.1	11	0.3	57	1.5
Aerospace, aeronautical, and astronautical engineering	142	21	14.7	s	s	5	3.9	8	5.4	107	75.3	s	s	1	0.7
Chemical engineering	246	47	19.0	s	s	7	3.0	22	9.1	164	66.9	s	s	5	1.9
Civil and architectural engineering	544	91	16.8	s	s	21	3.8	64	11.8	361	66.4	1	0.1	5	0.9
Architectural engineering	20	3	15.6	s	s	s	s	2	11.8	13	65.0	s	s	s	s
Civil engineering	524	88	16.9	s	s	20	3.8	62	11.8	348	66.4	1	0.1	4	0.8
Electrical and computer engineering	1,289	463	35.9	s	s	64	5.0	123	9.5	613	47.6	7	0.5	15	1.2
Computer and systems engineering	390	150	38.5	s	s	21	5.5	39	9.9	175	44.7	s	s	4	1.0
Electrical, electronics, and communications engineering	899	313	34.9	s	s	43	4.8	84	9.3	439	48.8	6	0.7	11	1.3
Industrial and manufacturing engineering	214	42	19.5	s	s	11	5.3	41	19.0	116	54.1	s	s	s	s
Mechanical engineering	739	138	18.7	s	s	22	2.9	63	8.5	498	67.5	1	0.1	15	2.0
Other engineering	552	91	16.4	s	s	24	4.4	42	7.5	381	69.0	s	s	12	2.2
Agricultural engineering	25	1	5.9	s	s	s	s	s	s	21	84.1	s	s	s	s
Bioengineering and biomedical engineering	83	21	25.7	s	s	4	4.8	9	10.3	48	57.3	s	s	1	1.7
Engineering sciences, mechanics, and physics	33	6	19.8	s	s	s	s	1	3.4	23	69.5	s	s	s	s
Environmental engineering	71	9	12.8	s	s	s	s	5	7.2	53	75.0	s	s	2	2.3
Engineering, general	43	5	12.4	s	s	s	s	2	4.5	32	73.8	s	s	1	1.7
Materials engineering, including ceramics and textiles	70	17	23.7	s	s	s	s	2	3.1	49	70.3	s	s	s	s
Metallurgical engineering	16	1	4.9	s	s	s	s	s	s	13	84.6	s	s	s	s
Nuclear engineering	21	1	4.7	s	s	s	s	2	8.3	13	61.1	s	s	s	s
Other engineering	191	29	15.0	s	s	9	4.8	18	9.3	129	67.9	s	s	s	s

s = suppressed for reasons of confidentiality and/or reliability.

**Note(s):**

Hispanic or Latino may be any race; race categories exclude Hispanic or Latino origin. Detail may not add to total because of rounding.

**Source(s):**

National Center for Science and Engineering Statistics, National Survey of College Graduates (NSCG), 2019.