

Table SLBR-3

Certification and licenses held by workers with a bachelor's degree or higher, by broad occupational group: 2019

(Thousands)

Certification or license held and primary subject of certification or license	Broad occupational group		
	S&E	S&E-related	Non-S&E
No certification or license	5,738	2,134	21,386
Certification or license	1,728	6,760	12,778
Not related to work	100	191	592
Related to work, primary subject of certification or license	1,629	6,568	12,186
Computer networking, administration, and security	228	27	63
Computer applications and design	123	18	42
Other information technologies and computers	108	17	35
Mathematics, statistics, and data analytics	3	25	10
Life sciences	29	26	52
Physical sciences	42	28	25
Social sciences	136	36	82
Engineering, engineering technician, and engineering technologist	381	114	130
Hazardous materials management, operations, and transporting	18	4	29
Water and wastewater treatment, management, and operations	10	12	21
EMT, CPR, or basic first aid	3	133	87
Health care technician and technologist	16	355	51
Health care practitioner, provider, and specialist	15	1,728	70
Nurse	20	1,773	82
Other health	26	1,001	297
Teaching/education	80	786	4,148
Architecture	3	107	22
Project management, quality control, operations, and support	175	91	633
Accounting, finance, insurance, and real estate	42	18	2,684
Social work and counseling	43	43	638
History, language, linguistics, and literature	s	s	85
Arts, music, and entertainment	s	s	33
Law or legal support	8	s	1,126
Religious ordination	s	s	149
Transportation	7	12	266
Construction, automotive, manufacturing, and other skilled trades	31	49	235
Physical fitness, sports, and recreation	s	37	112
Childcare	s	s	27
Public safety	18	18	367
Other fields	13	19	371
Missing	43	73	214

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

STEM = science, technology, engineering, and mathematics.

Note(s):

Workers in non-S&E occupations include those with a bachelor's degree or higher in STEM middle-skill and non-STEM occupations.

Source(s):

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

Science and Engineering Indicators