

Table LBR-A

Bureau of Labor Statistics projections of employment and job openings in S&E and other selected occupations: 2019–29

(Thousands)

Occupation	BLS National Employment Matrix 2019 estimate	BLS projected 2029 employment	10-year growth in total employment (number)	10-year growth in total employment (%)
Total, all occupations	162,795.6	168,834.7	6,039.1	3.7
S&E occupations	7,659.7	8,391.1	731.4	9.5
Computer and mathematical scientists (excluding computer programmers, including logisticians)	4,791.6	5,402.3	610.7	12.7
Engineers (including ship engineers and sales engineers)	1,883.3	1,956.4	73.1	3.9
Life scientists	344.8	361.4	16.6	4.8
Physical scientists	276.6	291.4	14.8	5.4
Social and related scientists (excluding historians)	363.4	379.6	16.2	4.5
S&E managers	1,389.7	1,639.5	249.8	18.0
S&E technicians and technologists, except computer programmers	1,339.9	1,351.0	11.1	0.8
Computer programmers	213.9	193.8	-20.1	-9.4
Healthcare practitioners and technicians	9,133.7	9,967.3	833.6	9.1
Construction and extraction workers	3,862.7	4,013.0	150.3	3.9
Installation, maintenance, and repair workers	5,119.2	5,217.7	98.5	1.9
Production workers	2,543.8	2,433.7	-110.1	-4.3
Lawyers	813.9	846.3	32.4	4.0
Postsecondary teachers	1,721.5	1,849.7	128.2	7.4

BLS = Bureau of Labor Statistics.

Note(s):

Estimates of current and projected employment for 2019–29 are from BLS's National Employment Matrix; data in the matrix are from the Occupational Employment Statistics (OES) Survey and the Current Population Survey (CPS). Together, these sources cover paid workers, self-employed workers, and unpaid family workers in all industries, agriculture, and private households. Because data are derived from multiple sources, they can often differ from employment data provided by the OES Survey, CPS, or other employment surveys alone. BLS does not make projections for S&E occupations as a group, nor does it do so for some of the S&E and S&E-related occupational categories as defined by the National Center for Science and Engineering Statistics (NCSES); numbers in the table are based on the sum of BLS projections for occupations that NCSES includes in the respective categories.

Source(s):

Bureau of Labor Statistics, special tabulations (2020) of the 2019–29 Employment Projections.

Science and Engineering Indicators