

TABLE 3-A

**Bureau of Labor Statistics projections of employment and job openings in S&E and other selected occupations: 2014–24**

(Thousands)

Occupation	BLS National Employment Matrix 2014 estimate	BLS projected 2024 employment	Job openings from growth and net replacements, 2014–24	10-year growth in total employment (%)	10-year job openings as percentage of 2014 employment
All occupations	150,540	160,329	46,507	6.5	30.9
All S&E	6,262	6,957	1,881	11.1	30.0
Computer and mathematical scientists	3,714	4,268	1,064	14.9	28.6
Life scientists	311	330	117	6.1	37.5
Physical scientists	297	317	93	6.7	31.2
Social scientists	304	341	97	12.4	31.9
Engineers	1,636	1,701	511	4.0	31.2
S&E-related occupations					
S&E managers	919	1,034	308	12.5	33.5
S&E technicians and technologists	1,158	1,172	335	1.2	28.9
Computer programmers	329	302	81	-8.0	24.7
Health care practitioners and technicians	8,237	9,585	3,162	16.4	38.4
Selected other occupations					
Postsecondary teachers	1,869	2,089	551	11.7	29.5
Lawyers	779	823	158	5.6	20.3

BLS = Bureau of Labor Statistics.



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**Note(s)**

Estimates of current and projected employment for 2014–24 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 Science Foundation (NSF); numbers in the table are based on the sum of BLS projections for occupations that the NSF includes in the respective categories. See Appendix Table 3-2.

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**Source(s)**

BLS, Employment Projections program, 2014–24, special tabulations of 2014–24 Employment Projections.

*Science and Engineering Indicators 2018*