

Table 3-A
Bureau of Labor Statistics projections of employment and job openings in S&E and other selected occupations: 2012–22

(Thousands)

Occupation	BLS National Employment Matrix 2012 estimate	BLS projected 2022 employment	Job openings from growth and net replacements, 2012–22	10-year growth in total employment (%)	10-year job openings as percentage of 2012 employment
All occupations	145,356	160,984	50,557	10.8	34.8
All S&E	5,914	6,791	2,047	14.8	34.6
Computer and mathematical scientists	3,445	4,096	1,177	18.9	34.2
Life scientists	295	322	105	9.2	35.6
Physical scientists	297	328	111	10.3	37.2
Social scientists	287	319	110	11.1	38.3
Engineers	1,590	1,726	544	8.6	34.2
S&E-related occupations					
S&E managers	894	1,034	321	15.7	35.9
S&E technicians and technologists	1,126	1,183	331	5.1	29.4
Computer programmers	344	372	118	8.3	34.4
Health care practitioners and technicians	8,050	9,783	3,378	21.5	42.0
Selected other occupations					
Postsecondary teachers	1,831	2,135	579	16.6	31.6
Lawyers	760	835	197	9.8	25.9

NOTES: BLS = Bureau of Labor Statistics. Estimates of current and projected employment for 2012–22 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 OES Survey, CPS, or other employment surveys alone. BLS



does not make projections for S&E occupations as a group and 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.

SOURCE: BLS, Employment Projections program, 2012–22, special tabulations of 2012–22 Employment Projections.
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