

TABLE S3-3

## Bureau of Labor Statistics projections of occupational employment: 2016–26

(Thousands)

Occupation	BLS National Employment Matrix 2016 estimate	BLS projected 2026 employment	Occupational openings, 2016-26, annual average	10-year growth in total employment (%)
Total, all occupations	156,063.8	167,582.3	18,742.0	7.4
All S&E	6,952.6	7,825.3	591.5	12.6
Computer and mathematical scientists (excluding computer programmers and mathematical technicians, including logisticians)	4,248.7	4,882.3	364.7	14.9
Computer and information research scientists	27.9	33.2	2.5	19.2
Computer and information analysts	700.5	783.4	55.4	11.8
Software and web developers	1,419.2	1,745.9	133.2	23.0
Database and systems administrators and network architects	673.4	721.7	48.0	7.2
Computer support specialists	835.3	923.8	72.0	10.6
Computer occupations, all other	287.2	313.8	22.4	9.3
Mathematicians	3.1	4.0	0.3	29.7
Operations research analysts	114.0	145.3	10.7	27.4
Statisticians	37.2	49.8	4.4	33.8
Logisticians	148.7	159.0	15.6	6.9
Mathematical science occupations, all other	2.2	2.4	0.2	11.0
Engineers, including ship engineers and sales engineers	1,765.8	1,911.0	136.1	8.2
Aerospace engineers	69.6	73.8	4.6	6.1
Agricultural engineers	2.7	2.9	0.2	8.2
Biomedical engineers	21.3	22.8	1.6	7.2
Chemical engineers	32.7	35.1	2.4	7.5
Civil engineers	303.5	335.7	25.9	10.6
Computer hardware engineers	73.6	77.6	5.1	5.5
Electrical and electronics engineers	324.6	345.8	23.1	6.5
Electrical engineers	188.3	204.5	13.9	8.6
Electronics engineers, except computer	136.3	141.3	9.2	3.7
Environmental engineers	53.8	58.3	4.0	8.3
Industrial engineers, including health and safety	283.8	311.2	21.6	9.6
Health and safety engineers, except mining safety engineers and inspectors	25.9	28.1	1.9	8.6
Industrial engineers	257.9	283.0	19.7	9.7
Marine engineers and naval architects	8.2	9.2	0.6	11.5
Materials engineers	27.0	27.5	1.9	1.6
Mechanical engineers	288.8	314.1	21.2	8.8
Mining and geological engineers, including mining safety engineers	7.3	7.9	0.6	8.2
Nuclear engineers	17.7	18.4	1.4	3.8
Petroleum engineers	33.7	38.8	2.8	15.2
Sales engineers	74.9	80.1	8.3	6.9
Ship engineers	10.1	10.8	1.3	6.5
Engineers, all other	132.5	141.0	9.5	6.4
Life scientists	325.4	358.0	32.4	10.0
Agricultural and food scientists	43.0	46.1	4.7	7.2
Animal scientists	6.1	6.4	0.7	5.9
Food scientists and technologists	17.0	18.0	1.8	5.7
Soil and plant scientists	19.9	21.7	2.2	8.8

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Biological scientists	112.8	122.9	11.0	8.9
Biochemists and biophysicists	31.5	35.1	3.2	11.5
Microbiologists	23.2	25.1	2.2	8.2
Zoologists and wildlife biologists	19.4	20.9	1.9	7.6
Biological scientists, all other	38.7	41.8	3.7	8.0
Conservation scientists and foresters	34.6	36.6	3.1	5.8
Conservation scientists	22.3	23.7	2.0	6.3
Foresters	12.3	12.9	1.1	5.0
Medical scientists	126.1	142.7	12.7	13.2
Epidemiologists	6.1	6.6	0.6	8.8
Medical scientists, except epidemiologists	120.0	136.1	12.1	13.4
Life scientists, all other	8.9	9.7	0.8	9.2
Physical scientists	278.2	305.3	28.0	9.7
Astronomers and physicists	19.9	22.7	1.9	14.0
Astronomers	2.0	2.2	0.2	10.0
Physicists	17.9	20.5	1.7	14.5
Atmospheric and space scientists	10.4	11.7	0.9	12.0
Chemists and materials scientists	96.2	102.5	9.4	6.5
Chemists	88.3	94.0	8.6	6.5
Materials scientists	7.9	8.5	0.8	7.1
Environmental scientists and geoscientists	128.2	143.3	13.8	11.8
Environmental scientists and specialists, including health	89.5	99.4	9.5	11.1
Geoscientists, except hydrologists and geographers	32.0	36.5	3.5	14.0
Hydrologists	6.7	7.4	0.7	9.9
Physical scientists, all other	23.5	25.1	2.0	7.2
Social and related scientists	334.5	368.7	30.3	10.2
Economists	21.3	22.6	1.6	6.3
Survey researchers	14.6	14.9	1.4	2.5
Psychologists	166.6	189.6	13.6	13.8
Clinical, counseling, and school psychologists	147.5	168.5	12.1	14.3
Industrial-organizational psychologists	1.7	1.8	0.1	8.4
Psychologists, all other	17.4	19.2	1.3	10.5
Sociologists	3.5	3.5	0.3	1.3
Urban and regional planners	36.0	40.6	3.5	12.8
Miscellaneous social scientists and related workers, research assistants, excluding historians	92.5	97.5	9.9	5.4
Anthropologists and archaeologists	7.6	7.9	0.7	4.5
Geographers	1.5	1.7	0.2	6.7
Political scientists	7.3	7.5	0.7	2.8
Social science research assistants	34.0	35.5	4.1	4.3
Social scientists and related workers, all other	42.1	44.9	4.2	6.5
Selected other occupations	2,081.8	14,175.0	13,722.5	580.9
S&E managers	956.6	1,088.4	88.0	13.8
Computer and information systems managers	367.6	411.8	32.5	12.0
Architectural and engineering managers	180.1	190.0	13.6	5.5
Medical and health services managers	352.2	424.3	36.7	20.5

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Natural sciences managers	56.7	62.3	5.2	9.9
S&E technicians and technologists, except computer programmers	1,125.2	1,203.7	113.5	7.0
Agricultural and food science technicians	27.5	29.2	3.0	6.3
Biological technicians	82.1	90.4	8.9	10.2
Chemical technicians	67.3	70.0	6.6	4.0
Geological and petroleum technicians	15.0	17.4	1.9	16.4
Nuclear technicians	6.9	6.9	0.8	0.8
Miscellaneous life, physical, and social science technicians	159.3	174.8	20.7	9.7
Drafters	207.7	222.3	19.4	7.0
Surveying and mapping technicians	60.2	66.6	7.2	10.6
Aerospace engineering and operations technicians	12.1	12.9	1.1	6.6
Civil engineering technicians	74.5	81.1	7.2	8.8
Electrical and electronics engineering technicians	137.0	139.8	12.0	2.0
Electro-mechanical technicians	13.8	14.3	1.2	3.5
Environmental engineering technicians	17.0	19.1	1.7	12.9
Industrial engineering technicians	63.9	64.3	5.5	0.6
Mechanical engineering technicians	46.1	48.4	4.2	5.0
Engineering technicians, except drafters, all other	76.8	80.8	7.1	5.2
Mathematical technicians	0.6	0.6	0.00	7.8
Surveyors, cartographers, and photogrammetrists	57.4	64.8	5.0	13.0
Computer programmers	294.9	273.6	15.5	-7.2
Health care practitioners and technicians	8,751.5	10,088.1	625.1	15.3
Health diagnosing and treating practitioners	5,485.4	6,380.0	355.8	16.3
Audiologists	14.8	17.8	1.0	20.7
Chiropractors	47.4	53.3	1.8	12.5
Dentists	153.5	182.8	7.3	19.1
Dietitians and nutritionists	68.0	77.9	5.4	14.6
Nurse anesthetists	41.8	48.6	2.8	16.2
Nurse midwives	6.5	7.8	0.5	20.7
Nurse practitioners	155.5	211.6	14.4	36.1
Optometrists	40.2	47.4	2.0	17.9
Pharmacists	312.5	329.9	15.3	5.6
Physician assistants	106.2	145.9	10.6	37.3
Physicians and surgeons	713.8	805.2	28.6	12.8
Podiatrists	11.0	12.2	0.7	10.3
Registered nurses	2,955.2	3,393.2	203.7	14.8
Therapists	723.0	888.0	53.3	22.8
Veterinarians	79.6	94.6	4.5	18.8
Health diagnosing and treating practitioners, all other	56.4	63.9	3.8	13.3
Health technologists and technicians	3,093.5	3,514.6	258.1	13.6
Clinical laboratory technologists and technicians	335.7	378.4	25.9	12.7
Dental hygienists	207.9	248.9	17.5	19.7
Diagnostic-related technologists and technicians	384.1	437.5	26.2	13.9
Emergency medical technicians and paramedics	248.0	285.4	19.4	15.1

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Health practitioner support technologists and technicians	767.0	857.2	71.4	11.8
Licensed practical and licensed vocational nurses	724.5	813.4	62.7	12.3
Medical records and health information technicians	206.3	234.1	15.8	13.5
Opticians, dispensing	77.6	89.3	7.0	15.0
Miscellaneous health technologists and technicians	142.4	170.6	12.3	19.8
Other health care practitioners and technical occupations	172.6	193.5	11.1	12.1
Occupational health and safety specialists and technicians	101.8	110.4	6.1	8.5
Miscellaneous health practitioners and technical workers	70.8	83.1	5.0	17.3
Lawyers	792.5	857.5	40.7	8.2
Postsecondary teachers	1,871.4	2,108.3	172.4	12.7

BLS = Bureau of Labor Statistics.

**Note(s)**

Estimates of current and projected employment for the 2016–26 period 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 the numbers are derived from multiple sources, data 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; numbers in the table are based on the sum of BLS projections in occupations that the National Science Foundation considers S&E. Detail may not add to total because of rounding.

**Source(s)**

National Center for Science and Engineering Statistics, National Science Foundation, special tabulations (2018) of the 2016–26 BLS Statistics Employment Projections.

*Science and Engineering Indicators*