APPENDIX TABLE 3-18 曲

## Estimate and median salary of full-time workers with highest degree in S\&E field, by race, ethnicity, and occupation: 2015

| Occupation | Total |  | Asian |  | American Indian or Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| All occupations | 11,555,000 | 75,000 | 1,744,000 | 85,000 | 35,000 | 62,000 | 748,000 | 55,000 | 991,000 | 59,000 | 7,778,000 | 78,000 | 38,000 | 74,000 | 222,000 | 61,000 |
| S\&E occupations | 4,383,000 | 90,000 | 992,000 | 91,000 | 8,000 | 85,000 | 201,000 | 80,000 | 289,000 | 80,000 | 2,809,000 | 90,000 | 8,000 | 86,000 | 75,000 | 83,000 |
| Computer and mathematical scientists | 1,988,000 | 97,000 | 601,000 | 99,000 | s | s | 101,000 | 84,000 | 114,000 | 88,000 | 1,134,000 | 98,000 | 3,000 | 60,000 | 35,000 | 104,000 |
| Computer and information scientists | 1,836,000 | 98,000 | 563,000 | 100,000 | s | s | 98,000 | 83,000 | 104,000 | 90,000 | 1,038,000 | 100,000 | 3,000 | 60,000 | 31,000 | 99,000 |
| Computer and information scientists, research | 45,000 | 90,000 | 15,000 | 86,000 | s | s | s | s | s | s | 27,000 | 99,000 | s | s | s | s |
| Computer network architects | 39,000 | 115,000 | 10,000 | 114,000 | s | s | 4,000.0 | 93,000.0 | s | 5 | 24,000 | 118,000 | s | s | s | s |
| Computer support specialists | 120,000 | 60,000 | 17,000 | 60,000 | s | s | 13,000 | 40,000 | 6,000 | 72,000 | 82,000 | 65,000 | s | s | s | s |
| Computer system analysts | 205,000 | 87,000 | 67,000 | 88,000 | s | s | 15,000 | 92,000 | 9,000 | 71,000 | 108,000 | 87,000 | s | s | s | s |
| Database administrators | 69,000 | 82,000 | 19,000 | 106,000 | s | s | 4,000 | 85,000 | s | s | 43,000 | 70,000 | s | s | s | s |
| Information security analysts | 49,000 | 107,000 | 11,000 | 109,000 | s | s | 7,000 | 97,000 | s | s | 23,000 | 113,000 | s | s | s | s |
| Network and computer systems administrators | 124,000 | 83,000 | 31,000 | 78,000 | s | s | 13,000 | 80,000 | 9,000 | 85,000 | 70,000 | 84,000 | s | s | 1,000 | 70,000 |


| Occupation | Total |  | Asian |  | American Indian or Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median <br> salary (\$) | Number | Median <br> salary (\$) | Number | Median <br> salary (\$) | Number | Median <br> salary (\$) | Number | Median salary (\$) | Number | Median <br> salary (\$) |
| Software developers, applications and systems software | 455,000 | 103,000 | 163,000 | 100,000 | s | s | 9,000 | 89,000 | 22,000 | 97,000 | 255,000 | 104,000 | s | s | 6,000 | 117,000 |
| Web developers | 77,000 | 88,000 | 17,000 | 69,000 | s | s | 2,000 | 50,000 | 3,000 | 41,000 | 52,000 | 92,000 | s | s | s | s |
| Other computer information science occupations | 177,000 | 100,000 | 26,000 | 101,000 | s | s | 18,000 | 55,000 | 9,000 | 69,000 | 117,000 | 104,000 | s | s | 5,000 | s |
| Computer engineers - software | 477,000 | 107,000 | 186,000 | 100,000 | 5 | s | 12,000 | 90,000 | 38,000 | 124,000 | 236,000 | 109,000 | s | 5 | 5,000 | 126,000 |
| Mathematical scientists | 99,000 | 84,000 | 31,000 | 87,000 | s | s | 2,000 | 87,000 | 6,000 | 60,000 | 56,000 | 84,000 | s | s | 4,000 | 114,000 |
| Mathematicians | 6,000 | 99,000 | s | s | s | s | s | s | * | * | 4,000 | 98,000 | s | s | 5 | s |
| Operations research analysts, including modeling | 53,000 | 80,000 | 14,000 | 88,000 | s | s | s | s | 3,000 | 60,000 | 32,000 | 75,000 | s | s | 3,000 | s |
| Statisticians | 29,000 | 107,000 | 9,000 | 114,000 | s | s | 1,000 | 87,000 | 1,000 | 100,000 | 17,000 | 110,000 | s | 5 | s | s |
| Other mathematical scientists | s | 5 | s | 5 | 5 | s | s | s | s | s | 3,000 | 67,000 | s | s | s | s |
| Postsecondary teachers - computer and mathematical sciences | 52,000 | 67,000 | 7,000 | 99,000 | s | s | s | s | 4,000 | 70,000 | 40,000 | 62,000 | s | s | s | s |
| Computer science | 11,000 | 94,000 | 3,000 | 101,000 | s | s | s | s | 5 | s | 5,000 | 93,000 | s | s | s | s |
| Mathematics and statistics | 41,000 | 61,000 | 4,000 | 70,000 | s | s | 1,000 | 73,000 | 2,000 | 70,000 | 35,000 | 58,000 | s | s | s | s |
| Biological, agricultural, and environmental life scientists | 439,000 | 62,000 | 82,000 | 50,000 | 2,000 | 39,000 | 9,000 | 59,000 | 29,000 | 45,000 | 307,000 | 68,000 | s | 5 | 9,000 | 57,000 |


| Occupation | Total |  | Asian |  | American Indian or <br> Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Agricultural and food scientists | 44,000 | 64,000 | 8,000 | 59,000 | s | s | 2,000 | 46,000.0 | 2,000 | 5 | 31,000 | 69,000 | s | s | s | 5 |
| Biological and medical scientists | 304,000 | 58,000 | 69,000 | 50,000 | * | * | 6,000 | 74,000 | 22,000 | 45,000 | 199,000 | 62,000 | s | s | 8,000 | 56,000 |
| Biochemists and biophysicists | 66,000 | 53,000 | 25,000 | 45,000 | s | 5 | 1,000 | 5 | 4,000 | 55,000 | 35,000 | 61,000 | s | s | * | * |
| Biological scientists (e.g., botanists, ecologists, zoologists) | 105,000 | 57,000 | 13,000 | 50,000 | s | s | 2,000 | s | 6,000 | 40,000 | 78,000 | 59,000 | s | s | s | $s$ |
| Medical scientists (excluding practitioners) | 80,000 | 64,000 | 20,000 | 57,000 | s | s | 2,000 | 101,000 | 4,000 | 34,000 | 53,000 | 68,000 | s | 5 | s | s |
| Other biological and life scientists | 54,000 | 56,000 | 11,000 | 48,000 | s | s | 1,000 | 59,000 | 8,000 | 50,000 | 32,000 | 62,000 | s | s | 2,000 | 75,000 |
| Forestry and conservation scientists | 34,000 | 77,000 | s | s | s | s | s | s | 2,000 | 39,000 | 30,000 | 82,000 | s | s | s | s |
| Postsecondary teachers - life and related sciences | 56,000 | 84,000 | 5,000 | 79,000 | s | s | 1,000 | s | 3,000 | 44,000 | 47,000 | 85,000 | s | s | 1,000 | s |
| Agriculture | 4,000 | 87,000 | s | s | s | 5 | s | s | 5 | s | 4,000 | 88,000 | s | s | s | s |
| Biological sciences | 47,000 | 80,000 | 5,000 | 81,000 | s | s | 1,000 | 5 | 3,000 | 44,000 | 37,000 | 84,000 | s | s | 1,000 | s |
| Other natural sciences | 6,000 | 86,000 | s | s | s | s | s | 5 | 5 | 5 | 6,000 | 86,000 | s | s | s | s |
| Physical and related scientists | 273,000 | 78,000 | 51,000 | 50,000 | * | * | 10,000 | 50,000 | 13,000 | 65,000 | 195,000 | 83,000 | s | s | 3,000 | 90,000 |
| Chemists, except biochemists | 91,000 | 69,000 | 21,000 | 64,000 | s | s | 6,000 | 48,000 | 6,000 | 78,000 | 58,000 | 71,000 | s | s | s | s |
| Earth scientists, geologists, and oceanographers | 59,000 | 88,000 | 5,000 | 90,000 | s | s | 1,000 | s | 2,000 | 65,000 | 51,000 | 88,000 | s | s | 1,000 | 102,000 |


| Occupation | Total |  | Asian |  | American Indian or <br> Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Atmospheric and space scientists | 13,000 | 91,000 | s | s | s | s | s | s | * | * | 9,000 | 85,000 | s | s | * | * |
| Geologists, including earth scientists | 43,000 | 84,000 | 1,000 | 58,000 | s | 5 | s | 5 | 2,000 | 63,000 | 39,000 | 84,000 | s | 5 | 1,000 | s |
| Oceanographers | 3,000 | 77,000 | s | s | s | s | s | s | s | s | 2,000 | 88,000 | s | s | s | s |
| Physicists and astronomers | 41,000 | 59,000 | 14,000 | 48,000 | s | s | * | * | 1,000 | s | 25,000 | 105,000 | s | s | s | s |
| Astronomers | 6,000 | 30,000 | s | s | s | s | s | s | s | s | 4,000 | s | s | s | s | s |
| Physicists, except biophysicists | 34,000 | 70,000 | 13,000 | 48,000 | s | s | * | * | 1,000 | s | 20,000 | 115,000 | s | s | s | s |
| Other physical and related scientists | 35,000 | 70,000 | s | s | s | s | 1,000 | 92,000 | 2,000 | 54,000 | 26,000 | 77,000 | s | s | s | s |
| Postsecondary teachers - physical and related sciences | 47,000 | 90,000 | 6,000 | 87,000 | s | s | s | s | 2,000 | 57,000 | 36,000 | 93,000 | s | s | s | s |
| Chemistry | 21,000 | 77,000 | 3,000 | 66,000 | s | s | s | s | 1,000 | 57,000 | 14,000 | 82,000 | s | s | s | s |
| Earth, environmental, and marine sciences | 11,000 | 97,000 | * | * | s | s | s | s | s | s | 10,000 | 97,000 | s | s | s | s |
| Physics | 14,000 | 97,000 | 2,000 | 95,000 | s | s | s | s | s | s | 11,000 | 101,000 | s | s | s | s |
| Social and related scientists | 321,000 | 69,000 | 30,000 | 60,000 | s | 5 | 25,000 | 53,000 | 36,000 | 66,000 | 222,000 | 72,000 | * | * | 7,000 | 62,000 |
| Economists | 24,000 | 125,000 | 4,000 | s | s | 5 | 1,000 | 75,000 | 4,000 | 128,000 | 15,000 | 126,000 | s | s | * | * |
| Political scientists | 13,000 | 101,000 | s | s | s | s | s | s | 1,000 | s | 11,000 | 102,000 | s | s | s | s |
| Psychologists, including clinical | 149,000 | 64,000 | s | s | s | s | 14,000 | 43,000 | 24,000 | 65,000 | 98,000 | 69,000 | s | 5 | 3,000 | 69,000 |


| Occupation | Total |  | Asian |  | American Indian or Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Sociologists and anthropologists | 20,000 | 39,000 | * | * | s | s | * | * | 2,000 | 40,000 | 17,000 | 38,000 | s | s | 5 | s |
| Anthropologists | 9,000 | 40,000 | s | s | s | s | s | s | * | * | 8,000 | 41,000 | s | 5 | s | s |
| Sociologists | 11,000 | 31,000 | 5 | 5 | s | s | * | * | s | s | 9,000 | 29,000 | s | s | s | s |
| Other social and related scientists | 49,000 | 79,000 | 8,000 | 83,000 | s | s | 5,000 | 54,000 | s | s | 32,000 | 79,000 | s | s | s | s |
| Postsecondary teachers - social and related sciences | 66,000 | 71,000 | 7,000 | 70,000 | s | s | 5,000 | 68,000 | 3,000 | 68,000 | 49,000 | 71,000 | s | s | 1,000 | 66,000 |
| Economics | 11,000 | 82,000 | 1,000 | 59,000 | s | s | s | s | 1,000 | 78,000 | 9,000 | 81,000 | s | s | s | s |
| Political science | 11,000 | 72,000 | * | * | s | s | 5 | s | s | s | 9,000 | 76,000 | s | s | s | s |
| Psychology | 21,000 | 66,000 | 3,000 | 70,000 | s | s | 2,000 | 67,000 | 1,000 | 70,000 | 15,000 | 60,000 | s | s | s | s |
| Sociology | 6,000 | 75,000 | * | * | s | s | * | * | 1,000 | s | 4,000 | 78,000 | s | 5 | s | s |
| Other social sciences | 16,000 | 70,000 | 1,000 | s | s | s | 1,000 | s | * | * | 12,000 | 70,000 | s | s | s | s |
| Engineers | 1,362,000 | 92,000 | 228,000 | 90,000 | 4,000 | 86,000 | 56,000 | 90,000 | 98,000 | 80,000 | 951,000 | 95,000 | 4,000 | 97,000 | 22,000 | 84,000 |
| Aerospace, aeronautical, or astronautical engineers | 81,000 | 107,000 | 10,000 | 82,000 | s | s | 1,000 | 130,000 | 7,000 | 89,000 | 59,000 | 115,000 | s | s | s | s |
| Chemical engineers | 70,000 | 104,000 | 11,000 | 106,000 | s | s | s | s | 3,000 | 79,000 | 51,000 | 111,000 | s | s | s | s |
| Civil, architectural, or sanitary engineers | 205,000 | 80,000 | 29,000 | 80,000 | s | s | 9,000 | 69,000 | 16,000 | 79,000 | 145,000 | 80,000 | s | s | 3,000 | 79,000 |
| Electrical or computer hardware engineers | 306,000 | 100,000 | 76,000 | 104,000 | s | s | 14,000 | 91,000 | 21,000 | 97,000 | 188,000 | 102,000 | 1,000 | s | 5,000 | 83,000 |


| Occupation | Total |  | Asian |  | American Indian or <br> Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Computer engineers - hardware | 57,000 | 99,000 | 21,000 | 109,000 | s | s | 1,000.0 | 78,000.0 | 3,000 | 95,000 | 30,000 | 90,000 | s | s | s | s |
| Electrical and electronics engineers | 249,000 | 102,000 | 54,000 | 100,000 | s | s | 14,000 | 91,000 | 18,000 | 96,000 | 158,000 | 105,000 | 1,000 | 5 | 4,000 | 85,000 |
| Industrial engineers | 62,000 | 74,000 | 10,000 | 63,000 | s | s | s | s | 6,000 | 55,000 | 40,000 | 75,000 | s | s | * | * |
| Mechanical engineers | 275,000 | 88,000 | 39,000 | 80,000 | * | * | 10,000 | 98,000 | 17,000 | 77,000 | 204,000 | 90,000 | 1,000 | 5 | 4,000 | 82,000 |
| Other engineers | 335,000 | 92,000 | 45,000 | 85,000 | s | s | 12,000 | 92,000 | 25,000 | 73,000 | 245,000 | 98,000 | s | s | 6,000 | 102,000 |
| Agricultural engineers | 6,000 | 90,000 | s | s | s | s | s | s | s | s | 6,000 | 90,000 | s | s | s | s |
| Bioengineers or biomedical engineers | 20,000 | 85,000 | 4,000 | s | s | s | 1,000.0 | 83,000.0 | 2,000 | s | 13,000 | 86,000 | s | s | s | s |
| Environmental engineers | 57,000 | 80,000 | 6,000 | 66,000 | s | s | 3,000 | 87,000 | 3,000 | 71,000 | 42,000 | 80,000 | s | s | s | s |
| Marine engineers and naval architects | 9,000 | 117,000 | * | * | s | s | s | s | s | s | 8,000 | 107,000 | s | s | s | s |
| Materials and metallurgical engineers | 26,000 | 90,000 | 3,000 | 107,000 | s | 5 | 1,000 | 79,000 | 2,000 | 69,000.0 | 20,000 | 90,000 | s | s | s | s |
| Mining and geological engineers | 4,000 | 98,000 | s | s | s | s | s | s | 5 | s | 3,000 | 90,000 | s | s | s | s |
| Nuclear engineers | 23,000 | 109,000 | 1,000 | s | s | s | * | * | 5 | s | 17,000 | 136,000 | s | s | s | s |
| Petroleum engineers | 16,000 | 133,000 | 2,000 | 165,000 | s | s | s | s | 1,000 | 130,000 | 12,000 | 130,000 | s | s | s | s |
| Sales engineers | 57,000 | 99,000 | 4,000 | 116,000 | s | s | s | s | 4,000 | 84,000 | 45,000 | 98,000 | s | s | s | s |
| Other engineers | 117,000 | 99,000 | 24,000 | 74,000 | s | s | 5,000 | 83,000 | 7,000 | 86,000 | 79,000 | 104,000 | s | s | 2,000 | 93,000 |
| Postsecondary teachers - engineering | 29,000 | 95,000 | 7,000 | 97,000 | s | s | 1,000 | 101,000 | 1,000 | 91,000 | 19,000 | 100,000 | s | s | s | 5 |


| Occupation | Total |  | Asian |  | American Indian or Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| S\&E-related occupations | 1,678,000 | 73,000 | 257,000 | 85,000 | 7,000 | 72,000 | 118,000 | 60,000 | 147,000 | 55,000 | 1,111,000 | 75,000 | 3,000 | 64,000 | 36,000 | 50,000 |
| Health-related occupations | 468,000 | 55,000 | 59,000 | 59,000 | 2,000 | s | 53,000 | 54,000 | 40,000 | 38,000 | 301,000 | 55,000 | s | s | 12,000 | 47,000 |
| Diagnosing or treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians) | 51,000 | 73,000 | 11,000 | 61,000.0 | s | s | s | s | s | s | 29,000 | s | s | s | s | s |
| Registered nurses, pharmacists, dieticians, therapists, physician assistants, nurse practitioners | 117,000 | 63,000 | 12,000 | 74,000 | s | s | 5,000 | 58,000 | 11,000 | 60,000 | 87,000 | 61,000 | s | s | s | s |
| Health technologists and technicians (e.g., dental hygienists, health record technicians, licensed practical nurses, laboratory or radiology technicians) | 142,000 | 47,000 | 15,000 | 49,000 | s | s | 28,000 | 53,000 | 10,000 | 37,000 | 86,000 | 45,000 | s | s | s | s |
| Other health occupations | 141,000 | 43,000 | 19,000 | 45,000 | s | $s$ | 17,000 | s | 15,000 | 31,000 | 85,000 | 48,000 | s | s | s | s |
| Postsecondary teachers - health and related sciences | 18,000 | 91,000 | 2,000 | 93,000 | s | s | * | * | s | s | 14,000 | 90,000 | s | s | s | s |
| S\&E managers | 469,000 | 124,000 | 72,000 | 128,000 | 4,000 | s | 22,000 | 103,000 | 34,000 | 101,000 | 331,000 | 125,000 | s | s | 6,000 | 120,000 |
| Computer and information systems managers | 144,000 | 130,000 | 32,000 | 123,000 | s | s | 13,000 | 94,000 | 7,000 | 92,000 | 90,000 | 137,000 | s | s | s | s |
| Engineering managers | 241,000 | 126,000 | 31,000 | 135,000 | 4,000 | s | 4,000 | 110,000 | 20,000 | 116,000 | 177,000 | 125,000 | s | s | 3,000 | 119,000 |


| Occupation | Total |  | Asian |  | American Indian or Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Medical and health services managers | 47,000 | 85,000 | 5,000 | 88,000 | s | s | s | $s$ | 5,000.0 | 62,000.0 | 34,000 | 80,000 | s | $s$ | s | s |
| Natural sciences managers | 37,000 | 100,000 | 3,000 | 132,000 | s | s | s | s | 2,000 | 88,000 | 29,000 | 99,000 | s | s | s | s |
| S\&E precollege teachers | 239,000 | 50,000 | 17,000 | 47,000 | 5 | s | 15,000 | 42,000 | 27,000 | 50,000 | 174,000 | 50,000 | * | * | 5,000 | 40,000 |
| Secondary - computer, mathematics, or sciences | 200,000 | 50,000 | 16,000 | 47,000 | * | * | 12,000 | 41,000 | 21,000 | 51,000 | 146,000 | 50,000 | * | * | 4,000 | 35,000 |
| Secondary - social sciences | 39,000 | 54,000 | * | * | s | s | s | s | s | s | 28,000 | 56,000 | s | s | s | s |
| S\&E technicians and technologists | 471,000 | 75,000 | 103,000 | 85,000 | s | s | 28,000 | 68,000 | 45,000 | 55,000 | 281,000 | 78,000 | s | s | 13,000 | s |
| Technologists and technicians in the biological and life sciences | 75,000 | 53,000 | 14,000 | 52,000 | s | s | s | s | 10,000 | 39,000 | 44,000 | 56,000 | s | s | 1,000 | 36,000 |
| Computer programmers (business, <br> scientific, process control) | 119,000 | 90,000 | 28,000 | 93,000 | s | s | s | s | 5,000 | 67,000 | 77,000 | 91,000 | s | s | s | s |
| Electrical, electronic, industrial, and mechanical technicians | 119,000 | 77,000 | 30,000 | 86,000 | s | s | 8,000 | 75,000 | 14,000 | 59,000 | 61,000 | 81,000 | s | s | 6,000 | 70,000.0 |
| Drafting occupations, including computer drafting | 7,000 | 60,000 | 3,000 | 74,000 | s | s | s | s | s | s | 3,000 | 64,000 | s | s | s | s |
| Surveying and mapping technicians | 10,000 | 55,000 | s | s | s | s | 5 | s | s | 5 | 6,000 | 56,000 | s | s | s | s |
| Other engineering technologists and technicians | 107,000 | 74,000 | 23,000 | 67,000 | s | s | 5,000 | 62,000 | 11,000 | 55,000 | 62,000 | 86,000 | s | s | s | s |


| Occupation | Total |  | Asian |  | American Indian or Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Surveyors, cartographers, photogrammetrists | 8,000 | 57,000 | s | s | s | s | s | s | s | s | 5,000 | 48,000 | s | s | s | s |
| Technologists and technicians in the mathematical sciences | 2,000.0 | 135,000 | * | * | s | s | s | s | s | s | s | s | s | s | s | s |
| Technologists and technicians in the physical sciences | 25,000 | 58,000 | 3,000 | s | s | s | s | s | s | s | 21,000 | 58,000 | s | s | s | s |
| Other S\&E-related occupations | 31,000 | 97,000 | 6,000 | 114,000 | s | s | s | s | s | s | 24,000 | 92,000 | s | s | s | s |
| Architects | 16,000 | 119,000 | 5,000 | 117,000 | s | s | s | s | s | s | 10,000 | 106,000 | s | s | s | s |
| Actuaries | 15,000 | 85,000 | s | s | s | s | s | s | s | s | 14,000 | 86,000 | s | s | s | s |
| Non-S\&E occupations | 5,494,000 | 60,000 | 495,000 | 60,000 | 20,000 | 52,000 | 429,000 | 45,000 | 555,000 | 50,000 | 3,858,000 | 65,000 | 27,000 | 74,000 | 110,000 | 50,000 |
| Non-S\&E managers | 1,046,000 | 119,000 | 102,000 | 117,000 | 3,000 | 105,000 | 25,000 | 100,000 | 67,000 | 84,000 | 836,000 | 120,000 | s | s | 12,000 | 98,000 |
| Top-level managers, executives, administrators (e.g., chief executive officer, chief operating officer, chief financial officer; president; district manager, general manager, provost) | 638,000 | 129,000 | 56,000 | 148,000 | s | s | 9,000 | 150,000 | 36,000 | 84,000 | 526,000 | 134,000 | s | s | 7,000 | 93,000 |
| Education administrators (e.g., registrar, dean, principal) | 40,000 | 75,000 | s | s | s | s | 2,000 | s | 2,000 | 76,000 | 31,000 | 71,000 | s | s | s | s |
| Other mid-level managers | 368,000 | 100,000 | 40,000 | 101,000 | s | s | 15,000 | 79,000 | 29,000 | 81,000 | 278,000 | 107,000 | * | * | 4,000 | 97,000 |


| Occupation | Total |  | Asian |  | American Indian or Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Management-related occupations | 1,232,000 | 74,000 | 143,000 | 67,000 | s | s | 98,000 | 50,000 | 119,000 | 60,000 | 846,000 | 77,000 | 8,000 | 99,000 | 18,000 | 67,000 |
| Accountants, auditors, and other financial specialists | 432,000 | 72,000 | 72,000 | 59,000 | s | s | 27,000 | 46,000 | 44,000 | 76,000 | 284,000 | 79,000 | s | s | 5,000 | 63,000 |
| Personnel, training, and labor relations specialists | 182,000 | 56,000 | 7,000 | 60,000 | s | s | 22,000 | 47,000 | 17,000 | 55,000 | 133,000 | 58,000 | s | $s$ | 3,000 | 44,000 |
| Other management-related occupations | 618,000 | 75,000 | 64,000 | 79,000 | * | * | 48,000 | 58,000 | 58,000 | 55,000 | 430,000 | 81,000 | 7,000 | s | 10,000 | 76,000 |
| Non-S\&E precollege teachers | 252,000 | 42,000 | 8,000 | 25,000 | s | s | 32,000 | 38,000 | 38,000 | 48,000 | 163,000 | 42,000 | s | s | 2,000 | 27,000.0 |
| Prekindergarten and kindergarten | 39,000 | 23,000 | 5 | 5 | 5 | s | 5 | 5 | 10,000 | s | 18,000 | 23,000 | s | s | 5 | s |
| Elementary | 132,000 | 44,000 | s | s | s | s | 15,000 | 84,000 | 19,000 | 60,000 | 93,000 | 42,000 | s | s | s | s |
| Secondary - other subjects | 45,000 | 46,000 | 1,000 | 51,000 | s | s | s | 5 | 5,000 | 46,000 | 27,000 | 43,000 | s | s | s | s |
| Special education - primary and secondary | 28,000 | 45,000 | s | s | s | s | 2,000 | 36,000 | 4,000 | 49,000 | 20,000 | 44,000 | s | s | s | s |
| Other precollegiate area | 8,000 | 50,000 | s | s | s | s | 2,000 | s | s | s | 5,000 | 54,000 | s | s | s | s |
| Non-S\&E postsecondary teachers | 51,000 | 74,000 | 6,000 | 89,000 | s | s | 6,000 | 52,000 | 2,000 | s | 32,000 | 76,000 | s | s | 5 | s |
| Art, drama, and music | s | s | s | 5 | s | s | s | 5 | 5 | s | s | 5 | s | s | s | 5 |
| Business, commerce, and marketing | 9,000 | 139,000 | 5 | 5 | s | s | s | 5 | 5 | s | 7,000 | 144,000 | s | s | 5 | 5 |
| Education | 7,000 | 74,000 | 2,000 | s | s | s | s | s | s | s | 3,000 | 73,000 | s | s | s | s |
| English | 9,000 | 65,000 | s | s | s | s | s | s | s | s | 7,000 | 65,000 | s | s | s | s |


| Occupation | Total |  | Asian |  | American Indian or Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Foreign language | 9,000 | 69,000 | s | s | s | s | s | s | s | s | 1,000 | s | s | s | s | s |
| History | 3,000 | 44,000 | s | s | s | s | s | s | s | s | 3,000 | 44,000 | s | s | s | s |
| Physical education | s | s | s | s | s | s | s | s | s | s | s | s | s | s | s | s |
| Other postsecondary fields | 14,000 | 70,000 | s | s | s | s | s | s | * | * | 10,000 | 80,000 | s | s | s | s |
| Social services and related occupations | 328,000 | 42,000 | 9,000 | 51,000 | s | s | 49,000 | 41,000 | 54,000 | 39,000 | 207,000 | 44,000 | s | s | 5,000 | 41,000 |
| Clergy and other religious workers | 22,000 | 55,000 | s | s | s | s | s | s | s | s | 17,000 | 57,000 | s | s | s | s |
| Counselors (e.g., educational, vocational, mental health, substance abuse) | 159,000 | 46,000 | 3,000 | 46,000 | s | s | 27,000 | 52,000 | 17,000 | 47,000 | 105,000 | 45,000 | s | s | 3,000 | 43,000 |
| Social workers | 148,000 | 39,000 | 4,000 | 52,000 | s | s | 20,000 | 40,000 | 37,000 | 36,000 | 85,000 | 39,000 | s | s | 1,000.0 | 32,000 |
| Sales and marketing occupations | 848,000 | 60,000 | 72,000 | 61,000 | s | $s$ | 49,000 | 51,000 | 84,000 | 45,000 | 610,000 | 68,000 | s | s | 23,000 | 71,000 |
| Insurance, securities, real estate, and business services | 233,000 | 70,000 | 17,000 | 71,000 | s | s | 15,000 | 68,000 | 31,000 | 18,000 | 167,000 | 78,000 | s | s | 2,000 | 119,000 |
| Sales, commodities except retail (e.g., industrial, medical, dental machinery, equipment, supplies) | 145,000 | 83,000 | 7,000 | 93,000 | s | s | 5,000 | 50,000 | 16,000 | 67,000 | 116,000 | 85,000 | s | s | 2,000 | s |
| Sales, retail (e.g., furnishings, clothing, motor vehicles, cosmetics) | 174,000 | 38,000 | 18,000 | s | s | s | 8,000 | 44,000 | 20,000 | s | 114,000 | 34,000 | s | s | 13,000 | 66,000 |
| Other marketing and sales occupations | 296,000 | 65,000 | 30,000 | 59,000 | s | s | 21,000 | 51,000 | 18,000 | 50,000 | 213,000 | 70,000 | s | s | 6,000 | 69,000 |


| Occupation | Total |  | Asian |  | American Indian or Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median <br> salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median <br> salary (\$) | Number | Median <br> salary (\$) |
| Arts, humanities, and related occupations | 150,000 | 60,000 | 9,000 | 70,000 | s | s | s | s | 4,000 | s | 128,000 | 58,000 | s | s | 1,000 | s |
| Writers, editors, public relations specialists, artists, entertainers, broadcasters | 149,000 | 60,000 | 9,000 | 70,000 | s | s | s | s | 4,000 | 63,000 | 127,000 | 58,000 | s | s | 1,000 | $s$ |
| Historians | s | s | s | s | s | s | s | 5 | s | s | s | s | s | s | s | s |
| Other non-S\&E occupations | 1,586,000 | 42,000 | 146,000 | 41,000 | 2,000 | 39,000 | 163,000 | 36,000 | 187,000 | 39,000 | 1,037,000 | 45,000 | 3,000 | 32,000 | 50,000 | 39,000 |
| Accounting clerks and bookkeepers | 101,000 | 42,000 | 12,000 | 47,000 | s | s | s | 5 | 3,000 | 40,000 | 66,000 | 42,000 | s | s | * | * |
| Secretaries, receptionists, typists | 123,000 | 37,000 | 12,000 | 37,000 | s | s | 11,000 | 32,000 | 17,000 | 28,000 | 77,000 | 40,000 | s | s | s | s |
| Other administrative (e.g., record clerks, telephone operators) | 342,000 | 39,000 | 37,000 | 38,000 | s | s | 53,000 | 36,000 | 50,000 | 39,000 | 188,000 | 41,000 | s | s | 12,000 | 41,000 |
| Farmers, foresters, and fishermen | 69,000 | 40,000 | 2,000 | 5 | 5 | 5 | 5 | 5 | s | s | 61,000 | 42,000 | s | s | * | * |
| Lawyers, judges | 34,000 | 96,000 | 3,000 | 122,000 | 5 | 5 | s | 5 | s | s | 26,000 | 5 | s | s | s | 5 |
| Librarians, archivists, curators | 37,000 | 35,000 | s | s | s | s | s | s | s | s | 27,000 | 38,000 | s | s | s | s |
| Food preparation and service (e.g., cooks, waitresses, bartenders) | 53,000 | 37,000 | 8,000 | 48,000 | s | s | 1,000 | s | 6,000 | s | 37,000 | 37,000 | s | s | s | s |
| Protective services (e.g., firefighters, police, guards, wardens, park rangers) | 111,000 | 60,000 | 2,000 | 78,000 | s | s | 13,000 | 50,000 | 9,000 | 54,000 | 84,000 | 62,000 | s | s | s | s |


| Occupation | Total |  | Asian |  | American Indian or <br> Alaska Native |  | Black |  | Hispanic |  | White |  | Native Hawaiian or Other Pacific Islander |  | More than one race |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Other service occupations, except health (e.g., probation officer, human services work) | 207,000 | 46,000 | 13,000 | 30,000 | s | s | 23,000 | 39,000 | 26,000 | 53,000 | 130,000 | 50,000 | s | s | 13,000 | 48,000 |
| Other teachers and instructors (e.g., private tutors, dance, flying, martial arts) | 64,000 | 42,000 | 4,000 | s | s | s | 10,000 | 38,000 | 4,000 | 29,000 | 45,000 | 56,000 | s | s | s | s |
| Construction and extraction occupations | 52,000 | 55,000 | s | s | s | s | s | s | 3,000 | 53,000 | 46,000 | 54,000 | s | s | s | s |
| Installation, maintenance, and repair occupations | 88,000 | 48,000 | 7,000 | 58,000 | s | s | s | s | 9,000 | s | 69,000 | 47,000 | s | s | s | s |
| Precision or production occupations (metal or wood workers, butchers, bakers, assemblers, tailors) | 88,000 | 34,000 | 12,000 | 35,000 | s | s | 10,000 | s | 7,000 | 30,000 | 55,000 | 34,000 | s | s | s | s |
| Transportation and material moving occupations | 122,000 | 42,000 | 17,000 | 31,000 | s | s | 8,000 | s | 10,000 | 66,000 | 86,000 | 42,000 | s | s | 1,000 | s |
| Other occupations | 97,000 | 57,000 | 15,000 | 81,000 | s | s | 6,000 | s | 35,000 | 27,000 | 40,000 | 78,000 | s | s | s | s |

* = estimate < 500; s = suppressed for reasons of confidentiality and/or reliability.


## Note(s)

 add to total because of rounding. Numbers are rounded to the nearest 1,000

National Science Foundation, National Center for Science and Engineering Statistics, National Survey of College Graduates (NSCG) (2015), https://www.nsf.gov/statistics/srvygrads/.
Science and Engineering Indicators 2018

