



Appendix Table 3-17

Estimate and median salary of full-time workers with highest degree in S&E field, by sex and occupation: 2013

| Occupation | Total | | Female | | Male | |
|---|------------|--------------------|-----------|--------------------|-----------|--------------------|
| | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| All occupations | 10,546,000 | 72,000 | 3,639,000 | 55,000 | 6,906,000 | 80,000 |
| S&E occupations | 3,929,000 | 85,000 | 978,000 | 70,000 | 2,951,000 | 90,000 |
| Computer and mathematical scientists | 1,677,000 | 90,000 | 347,000 | 80,000 | 1,330,000 | 92,000 |
| Computer and information scientists | 1,555,000 | 90,000 | 302,000 | 82,000 | 1,253,000 | 93,000 |
| Computer and information scientists, research | 33,000 | 100,000 | 10,000 | S | 24,000 | 101,000 |
| Computer network architect | 28,000 | 100,000 | 1,000 | 93,000 | 27,000 | 100,000 |
| Computer support specialists | 109,000 | 59,000 | 23,000 | 50,000 | 86,000 | 61,000 |
| Computer system analysts | 194,000 | 83,000 | 60,000 | 80,000 | 134,000 | 84,000 |
| Database administrators | 68,000 | 91,000 | 15,000 | 77,000 | 53,000 | 94,000 |
| Information security analysts | 51,000 | 85,000 | 17,000 | 83,000 | 34,000 | 89,000 |
| Network and computer systems administrators | 126,000 | 75,000 | 11,000 | 67,000 | 115,000 | 76,000 |
| Software developers—applications and systems software | 335,000 | 95,000 | 56,000 | 81,000 | 278,000 | 100,000 |
| Web developers | 60,000 | 74,000 | 14,000 | 55,000 | 45,000 | 75,000 |
| Other computer information science occupations | 138,000 | 91,000 | 39,000 | 87,000 | 99,000 | 96,000 |
| Computer engineers—software | 413,000 | 100,000 | 55,000 | 95,000 | 358,000 | 100,000 |
| Mathematical scientists | 73,000 | 76,000 | 31,000 | 65,000 | 42,000 | 85,000 |
| Mathematicians | 6,000 | 73,000 | S | S | 5,000 | 70,000 |
| Operations research analysts, including modeling | 34,000 | 66,000 | 14,000 | 62,000 | 20,000 | 78,000 |
| Statisticians | 28,000 | 82,000 | 14,000 | 72,000 | 13,000 | 100,000 |
| Other mathematical scientists | 5000 | 88,000 | 1,000 | 77,000 | 4000 | 89,000 |



| Occupation | Total | | Female | | Male | |
|---|---------|--------------------|---------|--------------------|---------|--------------------|
| | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Postsecondary teachers—computer and math sciences | 48,000 | 68,000 | 14,000 | 60,000 | 34,000 | 69,000 |
| Computer science | 14,000 | 83,000 | 3,000 | 58,000 | 11,000 | 89,000 |
| Mathematics and statistics | 34,000 | 62,000 | 11,000 | 60,000 | 23,000 | 62,000 |
| Biological, agricultural, and environmental life scientists | 455,000 | 60,000 | 210,000 | 52,000 | 245,000 | 69,000 |
| Agricultural and food scientists | 54,000 | 52,000 | 27,000 | 41,000 | 27,000 | 68,000 |
| Biological and medical scientists | 321,000 | 60,000 | 158,000 | 50,000 | 162,000 | 65,000 |
| Biochemists and biophysicists | 59,000 | 60,000 | 26,000 | 54,000 | 33,000 | 66,000 |
| Biological scientists (e.g., botanists, ecologists, zoologists) | 103,000 | 50,000 | 46,000 | 46,000 | 57,000 | 56,000 |
| Medical scientists (excluding practitioners) | 89,000 | 56,000 | 48,000 | 49,000 | 41,000 | 79,000 |
| Other biological and life scientists | 70,000 | 65,000 | 38,000 | 59,000 | 32,000 | 75,000 |
| Forestry and conservation scientists | 22,000 | 63,000 | 3,000 | 58,000 | 19,000 | 63,000 |
| Postsecondary teachers—life and related sciences | 58,000 | 75,000 | 21,000 | 65,000 | 37,000 | 82,000 |
| Agriculture | 5,000 | 76,000 | 1000 | 74,000 | 4,000 | 80,000 |
| Biological sciences | 48,000 | 74,000 | 19,000 | 64,000 | 29,000 | 82,000 |
| Other natural sciences | 6,000 | 89,000 | 1,000 | 78,000 | 4,000 | 104,000 |
| Physical and related scientists | 259,000 | 72,000 | 75,000 | 62,000 | 184,000 | 78,000 |
| Chemists, except biochemists | 91,000 | 65,000 | 30,000 | 59,000 | 60,000 | 70,000 |
| Earth scientists, geologists, and oceanographers | 59,000 | 81,000 | 15,000 | 70,000 | 44,000 | 89,000 |
| Atmospheric and space scientists | 12,000 | 89,000 | 3,000 | 60,000 | 9,000 | 93,000 |
| Geologists, including earth scientists | 44,000 | 80,000 | 12,000 | 72,000 | 32,000 | 85,000 |
| Oceanographers | 3,000 | 69,000 | 1000 | 69,000 | 3,000 | 62,000 |
| Physicists and astronomers | 30,000 | 95,000 | 3,000 | 48,000 | 27,000 | 99,000 |
| Astronomers | 4,000 | 54,000 | 1,000 | 28,000 | 3,000 | 55,000 |



| Occupation | Total | | Female | | Male | |
|--|-----------|--------------------|---------|--------------------|-----------|--------------------|
| | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Physicists, except biophysicists | 26,000 | 99,000 | 2,000 | 61,000 | 24,000 | 102,000 |
| Other physical and related scientists | 32,000 | 69,000 | 14,000 | 66,000 | 18,000 | 73,000 |
| Postsecondary teachers—physical and related sciences | 46,000 | 70,000 | 12,000 | 56,000 | 34,000 | 76,000 |
| Chemistry | 20,000 | 65,000 | 6,000 | 55,000 | 14,000 | 72,000 |
| Earth, environmental, and marine science | 10,000 | 75,000 | 3,000 | 67,000 | 7,000 | 79,000 |
| Physics | 16,000 | 75,000 | 3,000 | 41,000 | 13,000 | 80,000 |
| Social and related scientists | 289,000 | 67,000 | 167,000 | 62,000 | 121,000 | 80,000 |
| Economists | 21,000 | 90,000 | 8,000 | 74,000 | 13,000 | 99,000 |
| Political scientists | 8,000 | 75,000 | 4,000 | 69,000 | 4,000 | 91,000 |
| Psychologists, including clinical | 125,000 | 64,000 | 92,000 | 59,000 | 33,000 | 80,000 |
| Sociologists and anthropologists | 16,000 | 44,000 | 9,000 | 42,000 | 7,000 | 50,000 |
| Anthropologists | 9,000 | 42,000 | 6,000 | 40,000 | 4,000 | 51,000 |
| Sociologists | 6,000 | 60,000 | 3,000 | 63,000 | 3,000 | 45,000 |
| Other social and related scientists | 45,000 | 68,000 | 22,000 | 62,000 | 23,000 | 84,000 |
| Postsecondary teachers—social and related sciences | 75,000 | 70,000 | 33,000 | 65,000 | 42,000 | 76,000 |
| Economics | 14,000 | 90,000 | 3,000 | 77,000 | 10,000 | 96,000 |
| Political science | 13,000 | 63,000 | 4,000 | 63,000 | 9,000 | 62,000 |
| Psychology | 24,000 | 68,000 | 12,000 | 65,000 | 11,000 | 75,000 |
| Sociology | 10,000 | 65,000 | 6,000 | 62,000 | 4,000 | 73,000 |
| Other social sciences | 15,000 | 69,000 | 7,000 | 68,000 | 8,000 | 70,000 |
| Engineers | 1,250,000 | 90,000 | 179,000 | 82,000 | 1,071,000 | 92,000 |
| Aerospace, aeronautical, or astronautical engineers | 79,000 | 109,000 | 10,000 | 96,000 | 69,000 | 112,000 |
| Chemical engineers | 58,000 | 98,000 | 13,000 | 94,000 | 45,000 | 100,000 |



| Occupation | Total | | Female | | Male | |
|---|-----------|--------------------|---------|--------------------|---------|--------------------|
| | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Civil, architectural, or sanitary engineers | 191,000 | 80,000 | 32,000 | 75,000 | 159,000 | 82,000 |
| Electrical or computer hardware engineers | 294,000 | 100,000 | 29,000 | 90,000 | 266,000 | 100,000 |
| Computer engineer—hardware | 57,000 | 110,000 | 5,000 | 102,000 | 52,000 | 114,000 |
| Electrical and electronics engineers | 237,000 | 100,000 | 24,000 | 89,000 | 213,000 | 100,000 |
| Industrial engineers | 44,000 | 72,000 | 9,000 | 70,000 | 35,000 | 73,000 |
| Mechanical engineers | 247,000 | 85,000 | 19,000 | 82,000 | 228,000 | 85,000 |
| Other engineers | 310,000 | 90,000 | 62,000 | 76,000 | 248,000 | 95,000 |
| Agricultural engineers | 6,000 | 89,000 | S | S | 5,000 | 89,000 |
| Bioengineers or biomedical engineers | 22,000 | 76,000 | 7,000 | 65,000 | 16,000 | 89,000 |
| Environmental engineers | 57,000 | 80,000 | 18,000 | 72,000 | 39,000 | 84,000 |
| Marine engineers and naval architects | 8,000 | 106,000 | S | S | 7,000 | 108,000 |
| Materials and metallurgical engineers | 32,000 | 87,000 | 9,000 | 75,000 | 23,000 | 95,000 |
| Mining and geological engineers | 6,000 | 91,000 | S | S | 6,000 | 95,000 |
| Nuclear engineers | 17,000 | 113,000 | 4,000 | 149,000 | 13,000 | 113,000 |
| Petroleum engineers | 18,000 | 118,000 | 2,000 | 110,000 | 16,000 | 119,000 |
| Sales engineers | 52,000 | 99,000 | 6,000 | 99,000 | 46,000 | 98,000 |
| Other engineers | 92,000 | 92,000 | 15,000 | 93,000 | 77,000 | 91,000 |
| Postsecondary teachers—engineering | 26,000 | 95,000 | 4,000 | 88,000 | 22,000 | 99,000 |
| S&E-related occupations | 1,537,000 | 70,000 | 580,000 | 54,000 | 957,000 | 85,000 |
| Health-related occupations | 414,000 | 50,000 | 275,000 | 49,000 | 138,000 | 50,000 |
| Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians) | 42,000 | 91,000 | 13,000 | 51,000 | 28,000 | 105,000 |



| Occupation | Total | | Female | | Male | |
|--|---------|--------------------|---------|--------------------|---------|--------------------|
| | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Registered nurses, pharmacists, dieticians, therapists, physician assistants, nurse practitioners | 100,000 | 56,000 | 85,000 | 55,000 | 14,000 | 72,000 |
| Health technologists and technicians (e.g., dental hygienists, health record technicians, licensed practical nurses, laboratory/radiology technicians) | 136,000 | 44,000 | 94,000 | 44,000 | 42,000 | 47,000 |
| Other health occupations | 119,000 | 43,000 | 74,000 | 44,000 | 45,000 | 40,000 |
| Postsecondary teachers—health and related sciences | 18,000 | 105,000 | 9,000 | 79,000 | 9,000 | 137,000 |
| S&E managers | 441,000 | 117,000 | 88,000 | 100,000 | 353,000 | 120,000 |
| Computer and information systems managers | 124,000 | 129,000 | 27,000 | 138,000 | 97,000 | 127,000 |
| Engineering managers | 228,000 | 120,000 | 25,000 | 100,000 | 203,000 | 120,000 |
| Medical and health services managers | 50,000 | 93,000 | 25,000 | 70,000 | 24,000 | 106,000 |
| Natural sciences managers | 40,000 | 95,000 | 11,000 | 84,000 | 28,000 | 96,000 |
| S&E precollege teachers | 186,000 | 49,000 | 103,000 | 45,000 | 82,000 | 52,000 |
| Secondary—computer, math, or sciences | 154,000 | 48,000 | 87,000 | 45,000 | 67,000 | 53,000 |
| Secondary—social sciences | 31,000 | 50,000 | 16,000 | 50,000 | 15,000 | 50,000 |
| S&E technicians and technologists | 468,000 | 71,000 | 109,000 | 58,000 | 359,000 | 76,000 |
| Technologists and technicians in the biological/life sciences | 68,000 | 44,000 | 41,000 | 43,000 | 27,000 | 46,000 |
| Computer programmers (business, scientific, process control) | 130,000 | 85,000 | 32,000 | 79,000 | 98,000 | 90,000 |
| Electrical, electronic, industrial, and mechanical technicians | 129,000 | 71,000 | 9,000 | 62,000 | 120,000 | 72,000 |
| Drafting occupations, including computer drafting | 9,000 | 55,000 | 1000 | 54,000 | 7,000 | 58,000 |
| Surveying and mapping technicians | 9,000 | 39,000 | S | S | 6,000 | 41,000 |
| Other engineering technologists and technicians | 88,000 | 75,000 | 15,000 | 62,000 | 73,000 | 80,000 |
| Surveyors, cartographers, photogrammetrists | 19,000 | 51,000 | 3000 | 56,000 | 16,000 | 47,000 |
| Technologists and technicians in the mathematical sciences | S | S | S | S | S | S |



| Occupation | Total | | Female | | Male | |
|--|-----------|--------------------|-----------|--------------------|-----------|--------------------|
| | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Technologists and technicians in the physical sciences | 16,000 | 56,000 | 4,000 | 46,000 | 12,000 | 63,000 |
| Other S&E-related occupations | 28,000 | 98,000 | 5,000 | 110,000 | 24,000 | 93,000 |
| Architects | 13,000 | 85,000 | 2,000 | 95,000 | 11,000 | 85,000 |
| Actuaries | 15,000 | 111,000 | 3,000 | 106,000 | 12,000 | 113,000 |
| Non-S&E occupations | 5,079,000 | 60,000 | 2,081,000 | 50,000 | 2,998,000 | 70,000 |
| Non-S&E managers | 939,000 | 110,000 | 206,000 | 100,000 | 733,000 | 115,000 |
| Top-level managers, executives, administrators (e.g., chief executive officer /chief operating officer/chief financial officer, president, district/general manager/provost) | 549,000 | 125,000 | 106,000 | 119,000 | 442,000 | 129,000 |
| Education administrators (e.g., registrar, dean, principal) | 43,000 | 80,000 | 16,000 | 68,000 | 27,000 | 80,000 |
| Other mid-level managers | 348,000 | 96,000 | 84,000 | 90,000 | 263,000 | 97,000 |
| Management-related occupations | 1,031,000 | 75,000 | 442,000 | 66,000 | 590,000 | 82,000 |
| Accountants, auditors, and other financial specialists | 360,000 | 75,000 | 150,000 | 63,000 | 210,000 | 85,000 |
| Personnel, training, and labor relations specialists | 139,000 | 60,000 | 77,000 | 67,000 | 62,000 | 59,000 |
| Other management-related occupations | 532,000 | 75,000 | 215,000 | 69,000 | 318,000 | 84,000 |
| Non-S&E precollege teachers | 236,000 | 39,000 | 187,000 | 36,000 | 48,000 | 59,000 |
| Prekindergarten and kindergarten | 36,000 | 29,000 | 35,000 | 29,000 | S | S |
| Elementary | 89,000 | 41,000 | 77,000 | 39,000 | 13,000 | 71,000 |
| Secondary—other subjects | 41,000 | 57,000 | 20,000 | 40,000 | 21,000 | 80,000 |
| Special education—primary and secondary | 46,000 | 35,000 | 36,000 | 34,000 | 11,000 | 35,000 |
| Other precollegiate area | 23,000 | S | 19,000 | S | 3,000 | S |
| Non-S&E postsecondary teachers | 41,000 | 60,000 | 16,000 | 58,000 | 25,000 | 61,000 |
| Arts, drama, and music | S | S | S | S | S | S |



| Occupation | Total | | Female | | Male | |
|---|-----------|--------------------|---------|--------------------|---------|--------------------|
| | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Business, commerce, and marketing | 6,000 | 108,000 | 2,000 | 118,000 | 4,000 | 106,000 |
| Education | 6,000 | 51,000 | 3,000 | 51,000 | 3,000 | S |
| English | 3,000 | 39,000 | 3,000 | 38,000 | S | S |
| Foreign language | 5,000 | 54,000 | 1,000 | 46,000 | 3,000 | 54,000 |
| History | 3,000 | 34,000 | 1000 | S | 2,000 | 42000 |
| Physical education | S | S | S | S | S | S |
| Other postsecondary fields | 16,000 | 68,000 | 5,000 | 85,000 | 11,000 | 68,000 |
| Social services and related occupations | 351,000 | 40,000 | 249,000 | 40,000 | 102,000 | 43,000 |
| Clergy and other religious workers | 22,000 | 44,000 | 9000 | 44,000 | 13,000 | 42,000 |
| Counselors (e.g., educational, vocational, mental health, and substance abuse) | 166,000 | 41,000 | 114,000 | 40,000 | 52,000 | 43,000 |
| Social workers | 163,000 | 39,000 | 125,000 | 39,000 | 37,000 | 39,000 |
| Sales and marketing occupations | 826,000 | 59,000 | 293,000 | 54,000 | 533,000 | 60,000 |
| Insurance, securities, real estate, and business services | 221,000 | 59,000 | 67,000 | 59,000 | 154,000 | 59,000 |
| Sales—commodities except retail (e.g., industrial/medical/ dental machinery, equipment, supplies) | 172,000 | 72,000 | 49,000 | 69,000 | 123,000 | 72,000 |
| Sales—retail (e.g., furnishings, clothing, motor vehicles, cosmetics) | 150,000 | 35,000 | 51,000 | 34,000 | 99,000 | 35,000 |
| Other marketing and sales occupations | 282,000 | 60,000 | 127,000 | 57,000 | 156,000 | 69,000 |
| Art, humanities, and related occupations | 148,000 | 50,000 | 70,000 | 58,000 | 78,000 | 49,000 |
| Writers, editors, public relations specialists, artists, entertainers, broadcasters | 148,000 | 50,000 | 70,000 | 59,000 | 78,000 | 49,000 |
| Historians | S | S | S | S | S | S |
| Other non-S&E occupations | 1,507,000 | 44,000 | 617,000 | 40,000 | 890,000 | 48,000 |
| Accounting clerks and bookkeepers | 97,000 | 38,000 | 63,000 | 43,000 | 34,000 | 34,000 |



| Occupation | Total | | Female | | Male | |
|--|---------|--------------------|---------|--------------------|---------|--------------------|
| | Number | Median salary (\$) | Number | Median salary (\$) | Number | Median salary (\$) |
| Secretaries, receptionists, typists | 87,000 | 33,000 | 78,000 | 34,000 | 9,000 | 25,000 |
| Other administrative (e.g., record clerks, telephone operators) | 320,000 | 40,000 | 180,000 | 35,000 | 140,000 | 45,000 |
| Farmers, foresters, and fishermen | 78,000 | 49,000 | 18,000 | 50,000 | 60,000 | 49,000 |
| Lawyers, judges | 33,000 | 103,000 | 19,000 | 104,000 | 15,000 | 86,000 |
| Librarians, archivists, curators | 27,000 | 38,000 | 24,000 | 37,000 | 3,000 | 52,000 |
| Food preparation and service (e.g., cooks, waitresses, bartenders) | 72,000 | 31,000 | 22,000 | 28,000 | 50,000 | 31,000 |
| Protective services (e.g., firefighters, police, guards, wardens, park rangers) | 160,000 | 55,000 | 24,000 | 41,000 | 136,000 | 57,000 |
| Other service occupations, except health (e.g., probation officer, human services work) | 197,000 | 40,000 | 89,000 | 40,000 | 107,000 | 42,000 |
| Other teachers and instructors (e.g., private tutors, dance, flying, martial arts) | 48,000 | 50,000 | 23,000 | 30,000 | 25,000 | 68,000 |
| Construction and extraction occupations | 52,000 | 65,000 | 1,000 | S | 51,000 | 65,000 |
| Installation, maintenance, and repair occupations | 69,000 | 39,000 | 3,000 | 54,000 | 66,000 | 39,000 |
| Precision/production occupations (e.g., metal/wood workers, butchers, bakers, assemblers, tailors) | 96,000 | 41,000 | 23,000 | 35,000 | 73,000 | 42,000 |
| Transportation and material moving occupations | 101,000 | 49,000 | 14,000 | S | 88,000 | 48,000 |
| Other occupations | 69,000 | 72,000 | 37,000 | 72,000 | 33,000 | 71,000 |

S = suppressed for reasons of confidentiality and/or reliability.

NOTES: Detail may not add to total because of rounding. Numbers are rounded to the nearest 1,000.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2013), <http://sestat.nsf.gov/>.

Science and Engineering Indicators 2016