

Appendix table 3-18

Estimate and median salary of full-time workers with highest degree in S&E field, by sex and occupation: 2010

Occupation	Total		Female		Male	
	Number	Median salary (\$)	Number	Median salary (\$)	Number	Median salary (\$)
All occupations	9,728,000	70,000	3,249,000	53,000	6,479,000	80,000
S&E occupations	3,610,000	80,000	840,000	69,000	2,770,000	85,000
Computer and mathematical scientists	1,485,000	85,000	309,000	77,000	1,176,000	87,000
Computer and information scientists	1,366,000	85,000	271,000	80,000	1,095,000	88,000
Computer and information scientists, research	25,000	92,000	7,000	88,000	18,000	95,000
Computer network architect	22,000	97,000	1,000	94,000	21,000	98,000
Computer support specialists	120,000	60,000	30,000	74,000	90,000	60,000
Computer system analysts	197,000	80,000	56,000	72,000	141,000	84,000
Database administrators	61,000	88,000	15,000	76,000	46,000	90,000
Information security analysts	27,000	92,000	4,000	77,000	23,000	93,000
Network and computer systems administrators	101,000	70,000	12,000	70,000	89,000	70,000
Software developers—applications and systems software	312,000	90,000	59,000	79,000	253,000	92,000
Web developers	58,000	63,000	11,000	63,000	47,000	63,000
Other computer information science occupations	110,000	90,000	33,000	84,000	77,000	91,000
Computer engineers—software	334,000	96,000	43,000	85,000	290,000	98,000
Mathematical scientists	72,000	80,000	23,000	72,000	49,000	80,000
Mathematicians	5,000	60,000	2,000	61,000	3,000	60,000
Operations research analysts, including modeling	31,000	79,000	10,000	68,000	21,000	80,000
Statisticians	23,000	95,000	9,000	85,000	14,000	100,000
Other mathematical scientists	S	S	2,000	59,000	S	S
Postsecondary teachers—computer and math sciences	47,000	68,000	15,000	50,000	31,000	74,000
Computer science	14,000	82,000	2,000	70,000	11,000	85,000
Mathematics and statistics	33,000	59,000	13,000	44,000	20,000	65,000
Biological, agricultural, and environmental life scientists	416,000	60,000	178,000	52,000	237,000	65,000
Agricultural and food scientists	51,000	63,000	17,000	56,000	34,000	64,000
Biological and medical scientists	287,000	55,000	134,000	50,000	153,000	61,000
Biochemists and biophysicists	54,000	52,000	22,000	44,000	33,000	59,000
Biological scientists (e.g., botanists, ecologists, zoologists)	100,000	50,000	44,000	47,000	55,000	56,000
Medical scientists (excluding practitioners)	81,000	66,000	37,000	51,000	44,000	79,000
Other biological and life scientists	53,000	57,000	31,000	56,000	22,000	63,000
Forestry and conservation scientists	26,000	62,000	8,000	51,000	18,000	77,000
Postsecondary teachers—life and related sciences	51,000	74,000	18,000	62,000	33,000	80,000
Agriculture	5,000	74,000	S	S	3,000	82,000
Biological sciences	41,000	70,000	16,000	61,000	25,000	79,000
Other natural sciences	6,000	87,000	1,000	88,000	4,000	85,000
Physical and related scientists	263,000	70,000	69,000	57,000	194,000	73,000
Chemists, except biochemists	90,000	70,000	30,000	62,000	60,000	75,000
Earth scientists, geologists, and oceanographers	59,000	72,000	12,000	56,000	46,000	75,000
Atmospheric and space scientists	12,000	72,000	2,000	47,000	10,000	80,000
Geologists, including earth scientists	43,000	72,000	10,000	57,000	33,000	75,000
Oceanographers	3,000	69,000	S	S	3,000	61,000
Physicists and astronomers	30,000	72,000	5,000	43,000	25,000	86,000
Astronomers	3,000	62,000	1,000	53,000	3,000	65,000
Physicists, except biophysicists	27,000	74,000	4,000	43,000	23,000	88,000
Other physical and related scientists	36,000	65,000	11,000	52,000	25,000	70,000
Postsecondary teachers—physical and related sciences	48,000	65,000	11,000	58,000	36,000	70,000
Chemistry	23,000	59,000	6,000	55,000	17,000	60,000
Earth, environmental, and marine science	11,000	72,000	4,000	59,000	7,000	80,000
Physics	13,000	74,000	2,000	59,000	12,000	75,000
Social and related scientists	247,000	66,000	132,000	63,000	116,000	74,000
Economists	21,000	92,000	7,000	69,000	14,000	97,000
Political scientists	8,000	73,000	5,000	78,000	3,000	71,000
Psychologists, including clinical	100,000	65,000	68,000	63,000	32,000	79,000
Sociologists and anthropologists	12,000	52,000	6,000	50,000	6,000	53,000

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Occupation	Total		Female		Male	
	Number	Median salary (\$)	Number	Median salary (\$)	Number	Median salary (\$)
Anthropologists	8,000	53,000	3,000	52,000	4,000	59,000
Sociologists	5,000	46,000	3,000	46,000	2,000	43,000
Other social and related scientists	39,000	62,000	19,000	59,000	20,000	62,000
Postsecondary teachers—social and related sciences	67,000	70,000	27,000	65,000	40,000	72,000
Economics	11,000	86,000	2,000	78,000	9,000	90,000
Political science	11,000	70,000	4,000	65,000	8,000	70,000
Psychology	22,000	65,000	11,000	61,000	10,000	70,000
Sociology	9,000	63,000	4,000	60,000	5,000	68,000
Other social sciences	14,000	67,000	6,000	69,000	8,000	65,000
Engineers	1,199,000	87,000	152,000	75,000	1,047,000	89,000
Aerospace, aeronautical, or astronautical engineers	77,000	102,000	8,000	99,000	69,000	102,000
Chemical engineers	60,000	91,000	12,000	80,000	48,000	95,000
Civil, architectural, or sanitary engineers	190,000	75,000	29,000	63,000	161,000	77,000
Electrical or computer hardware engineers	300,000	97,000	31,000	83,000	269,000	98,000
Computer engineer—hardware	48,000	103,000	5,000	84,000	43,000	103,000
Electrical and electronics engineers	252,000	96,000	25,000	82,000	226,000	97,000
Industrial engineers	45,000	75,000	7,000	73,000	38,000	74,000
Mechanical engineers	238,000	83,000	20,000	75,000	218,000	83,000
Other engineers	265,000	86,000	42,000	75,000	224,000	87,000
Agricultural engineers	6,000	74,000	S	S	6,000	76,000
Bioengineers or biomedical engineers	17,000	85,000	3,000	65,000	14,000	85,000
Environmental engineers	47,000	78,000	11,000	69,000	36,000	84,000
Marine engineers and naval architects	7,000	85,000	1,000	102,000	6,000	84,000
Materials and metallurgical engineers	26,000	88,000	4,000	75,000	23,000	90,000
Mining and geological engineers	6,000	84,000	S	S	6,000	85,000
Nuclear engineers	15,000	98,000	2,000	74,000	12,000	104,000
Petroleum engineers	15,000	117,000	2,000	115,000	13,000	117,000
Sales engineers	38,000	93,000	4,000	94,000	34,000	92,000
Other engineers	87,000	82,000	13,000	81,000	74,000	84,000
Postsecondary teachers—engineering	25,000	93,000	4,000	80,000	21,000	99,000
S&E-related occupations	1,377,000	70,000	537,000	52,000	840,000	85,000
Health-related occupations	381,000	49,000	254,000	46,000	126,000	56,000
Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)	40,000	89,000	18,000	49,000	22,000	123,000
Registered nurses, pharmacists, dieticians, therapists, physician assistants, nurse practitioners	85,000	60,000	69,000	59,000	15,000	67,000
Health technologists and technicians (e.g., dental hygienists, health record technicians, licensed practical nurses, laboratory/radiology technicians)	118,000	40,000	75,000	43,000	43,000	36,000
Other health occupations	123,000	41,000	86,000	40,000	37,000	52,000
Postsecondary teachers—health and related sciences	16,000	94,000	7,000	74,000	9,000	120,000
S&E managers	412,000	115,000	73,000	110,000	339,000	115,000
Computer and information systems managers	132,000	120,000	24,000	128,000	108,000	115,000
Engineering managers	204,000	119,000	19,000	116,000	185,000	119,000
Medical and health services managers	41,000	90,000	22,000	72,000	19,000	94,000
Natural sciences managers	36,000	100,000	8,000	99,000	28,000	99,000
S&E precollege teachers	178,000	48,000	105,000	46,000	74,000	48,000
Secondary—computer, math, or sciences	152,000	47,000	93,000	47,000	60,000	48,000
Secondary—social sciences	26,000	50,000	12,000	45,000	14,000	51,000
S&E technicians and technologists	375,000	69,000	97,000	56,000	277,000	70,000
Technologists and technicians in the biological/life sciences	65,000	46,000	42,000	42,000	23,000	51,000
Computer programmers (business, scientific, process control)	109,000	78,000	28,000	73,000	81,000	79,000
Electrical, electronic, industrial, and mechanical technicians	92,000	70,000	5,000	93,000	88,000	70,000
Drafting occupations, including computer drafting	7,000	53,000	S	S	6,000	55,000

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Estimate and median salary of full-time workers with highest degree in S&E field, by sex and occupation: 2010

Occupation	Total		Female		Male	
	Number	Median salary (\$)	Number	Median salary (\$)	Number	Median salary (\$)
Surveying and mapping technicians	6,000	51,000	2,000	53,000	4,000	51,000
Other engineering technologists and technicians	68,000	69,000	14,000	59,000	54,000	70,000
Surveyors, cartographers, photogrammetrists	10,000	62,000	S	S	9,000	61,000
Technologists and technicians in the mathematical sciences	S	S	S	S	S	S
Technologists and technicians in the physical sciences	16,000	52,000	4,000	53,000	13,000	50,000
Other S&E-related occupations	30,000	94,000	7,000	81,000	23,000	99,000
Architects	14,000	99,000	1,000	82,000	13,000	99,000
Actuaries	16,000	90,000	6,000	79,000	10,000	93,000
Non-S&E occupations	4,742,000	60,000	1,873,000	49,000	2,869,000	70,000
Non-S&E managers	924,000	101,000	175,000	85,000	749,000	106,000
Top-level managers, executives, administrators (e.g., chief executive officer/chief operating officer/chief financial officer, president, district/general manager/provost)	554,000	120,000	92,000	95,000	462,000	125,000
Education administrators (e.g., registrar, dean, principal)	39,000	90,000	14,000	72,000	25,000	95,000
Other mid-level managers	332,000	94,000	70,000	79,000	262,000	95,000
Management-related occupations	1,014,000	73,000	437,000	62,000	577,000	80,000
Accountants, auditors, and other financial specialists	377,000	72,000	147,000	60,000	230,000	80,000
Personnel, training, and labor relations specialists	139,000	65,000	97,000	57,000	42,000	84,000
Other management-related occupations	498,000	75,000	194,000	70,000	304,000	80,000
Non-S&E precollege teachers	221,000	46,000	174,000	46,000	47,000	44,000
Prekindergarten and kindergarten	28,000	38,000	26,000	35,000	3,000	53,000
Elementary	104,000	50,000	83,000	50,000	21,000	49,000
Secondary—other subjects	37,000	42,000	24,000	44,000	13,000	34,000
Special education—primary and secondary	37,000	40,000	32,000	37,000	5,000	42,000
Other precollegiate area	14,000	40,000	10,000	37,000	4,000	46,000
Non-S&E postsecondary teachers	31,000	67,000	12,000	61,000	19,000	70,000
Arts, drama, and music	1,000	49,000	S	S	S	S
Business, commerce, and marketing	6,000	86,000	2,000	66,000	4,000	99,000
Education	3,000	59,000	2,000	64,000	2,000	44,000
English	2,000	48,000	1,000	51,000	S	S
Foreign language	3,000	67,000	1,000	72,000	2,000	66,000
History	2,000	43,000	S	S	1,000	S
Physical education	S	S	S	S	S	S
Other postsecondary fields	14,000	69,000	5,000	48,000	9,000	74,000
Social services and related occupations	322,000	39,000	232,000	38,000	89,000	42,000
Clergy and other religious workers	17,000	32,000	S	S	10,000	29,000
Counselors (e.g., educational, vocational, mental health, and substance abuse)	153,000	44,000	109,000	43,000	44,000	44,000
Social workers	151,000	35,000	117,000	35,000	35,000	39,000
Sales and marketing occupations	807,000	58,000	255,000	50,000	552,000	65,000
Insurance, securities, real estate, and business services	239,000	67,000	69,000	49,000	170,000	70,000
Sales—commodities except retail (e.g., industrial/medical/dental machinery, equipment, supplies)	145,000	76,000	34,000	53,000	111,000	80,000
Sales—retail (e.g., furnishings, clothing, motor vehicles, cosmetics)	158,000	35,000	57,000	32,000	101,000	36,000
Other marketing and sales occupations	264,000	55,000	95,000	50,000	169,000	59,000
Art, humanities, and related occupations	131,000	50,000	62,000	48,000	69,000	59,000
Writers, editors, public relations specialists, artists, entertainers, broadcasters	130,000	50,000	61,000	48,000	68,000	58,000
Historians	1,000	56,000	S	S	S	S
Other non-S&E occupations	1,292,000	42,000	525,000	38,000	767,000	47,000
Accounting clerks and bookkeepers	56,000	36,000	39,000	39,000	17,000	33,000
Secretaries, receptionists, typists	77,000	33,000	66,000	36,000	S	S
Other administrative (e.g., record clerks, telephone operators)	227,000	38,000	150,000	37,000	77,000	45,000

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Occupation	Total		Female		Male	
	Number	Median salary (\$)	Number	Median salary (\$)	Number	Median salary (\$)
Farmers, foresters, and fishermen	69,000	40,000	13,000	S	56,000	40,000
Lawyers, judges	36,000	99,000	13,000	90,000	23,000	135,000
Librarians, archivists, curators	21,000	31,000	14,000	32,000	7,000	27,000
Food preparation and service (e.g., cooks, waitresses, bartenders)	51,000	29,000	17,000	29,000	33,000	29,000
Protective services (e.g., firefighters, police, guards, wardens, park rangers)	121,000	63,000	16,000	54,000	104,000	64,000
Other service occupations, except health (e.g., probation officer, human services work)	201,000	40,000	96,000	36,000	105,000	41,000
Other teachers and instructors (e.g., private tutors, dance, flying, martial arts)	47,000	30,000	26,000	25,000	21,000	36,000
Construction and extraction occupations	70,000	59,000	4,000	85,000	66,000	58,000
Installation, maintenance, and repair occupations	64,000	45,000	5,000	60,000	59,000	45,000
Precision/production occupations (e.g., metal/wood workers, butchers, bakers, assemblers, tailors)	68,000	44,000	12,000	39,000	57,000	49,000
Transportation and material moving occupations	95,000	45,000	12,000	68,000	83,000	39,000
Other occupations	91,000	54,000	42,000	51,000	49,000	56,000

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. Percentages are based on rounded numbers.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2010), <http://sestat.nsf.gov/>.