

Appendix table 3-16

Median salary among scientists and engineers employed full time, by race/ethnicity and occupation: 2008 (corrected February 2012)

(Dollars)

Occupation	All categories	Asian	American Indian/ Alaska Native	Black	Hispanic	White	Native Hawaiian/ Other Pacific islander	Two or more races
All occupations	72,000	80,000	60,000	62,000	64,000	74,000	70,000	62,000
Science and engineering occupations	81,000	85,000	67,000	75,000	72,000	82,000	80,000	70,000
Computer and mathematical scientists	84,000	88,000	78,000	77,000	75,000	85,000	80,000	73,000
Computer and information scientists	85,000	89,000	84,000	77,000	75,000	85,000	80,000	74,000
Computer and information scientists, research	100,000	90,000	S	105,000	95,000	100,000	S	80,000
Computer support specialists	62,000	63,000	S	50,000	52,000	66,000	S	43,000
Computer system analysts	82,000	81,000	106,000	75,000	78,000	84,000	75,000	80,000
Database administrators	78,000	91,000	S	80,000	59,000	75,000	S	78,000
Network and computer systems administrators	72,000	83,000	S	77,000	72,000	70,000	46,000	72,000
Network systems and data communications analysts	75,000	70,000	S	73,000	75,000	75,000	S	65,000
Other computer and information science occupations	92,000	90,000	S	88,000	95,000	92,000	S	65,000
Computer engineers—software	95,000	95,000	74,000	86,000	88,000	96,000	100,000	88,000
Mathematical scientists	83,000	80,000	S	83,000	75,000	86,000	S	60,000
Mathematicians	60,000	55,000	S	64,000	80,000	60,000	S	S
Operations research analysts, including modeling	85,000	84,000	S	85,000	75,000	90,000	S	S
Statisticians	83,000	73,000	S	77,000	60,000	90,000	S	90,000
Other mathematical scientists	67,000	90,000	S	S	S	67,000	S	S
Postsecondary teachers—computer and math sciences	63,000	71,000	S	53,000	50,000	64,000	S	55,000
Postsecondary teachers—computer science	73,000	90,000	S	55,000	70,000	72,000	S	48,000
Postsecondary teachers—mathematics and statistics	60,000	62,000	S	52,000	42,000	60,000	S	55,000
Biological, agricultural, and other life scientists	60,000	63,000	50,000	66,000	60,000	60,000	69,000	58,000
Agricultural and food scientists	54,000	58,000	S	91,000	83,000	50,000	S	52,000
Biological and medical scientists	60,000	63,000	48,000	72,000	53,000	62,000	69,000	62,000
Biochemists and biophysicists	65,000	67,000	S	65,000	50,000	65,000	S	25,000
Biological scientists (e.g., botanists, ecologists, zoologists)	52,000	56,000	48,000	75,000	47,000	52,000	62,000	48,000
Medical scientists (excluding practitioners)	75,000	66,000	68,000	60,000	82,000	80,000	47,000	100,000
Other biological, agricultural or life scientists	60,000	63,000	S	80,000	62,000	60,000	S	66,000
Forestry and conservation scientists	57,000	24,000	S	66,000	64,000	57,000	S	54,000
Postsecondary teachers—life and related sciences	65,000	70,000	S	57,000	65,000	65,000	S	65,000
Postsecondary teachers—agriculture	60,000	71,000	S	60,000	55,000	54,000	S	S
Postsecondary teachers—biological sciences	65,000	66,000	S	55,000	65,000	67,000	S	63,000
Postsecondary teachers—other natural sciences	74,000	S	S	S	S	72,000	S	S
Physical and related scientists	70,000	72,000	67,000	53,000	60,000	71,000	64,000	52,000
Chemists, except biochemists	70,000	73,000	67,000	52,000	57,000	73,000	64,000	50,000
Earth scientists, geologists, and oceanographers	75,000	71,000	69,000	50,000	73,000	75,000	S	55,000
Atmospheric and space scientists	82,000	60,000	S	50,000	80,000	85,000	S	115,000
Geologists, including earth scientists	70,000	75,000	69,000	49,000	73,000	71,000	S	55,000
Oceanographers	87,000	75,000	S	S	80,000	91,000	S	S
Physicists and astronomers	85,000	80,000	S	24,000	65,000	95,000	S	30,000
Astronomers	62,000	55,000	S	S	40,000	63,000	S	S

Appendix table 3-16

Median salary among scientists and engineers employed full time, by race/ethnicity and occupation: 2008 (corrected February 2012)

(Dollars)

Occupation	All categories	Asian	American Indian/ Alaska Native	Black	Hispanic	White	Native Hawaiian/ Other Pacific islander	Two or more races
Physicists	90,000	83,000	S	24,000	65,000	97,000	S	29,000
Other physical scientists	65,000	65,000	S	77,000	65,000	66,000	S	45,000
Postsecondary teachers—physical and related sciences	64,000	65,000	S	56,000	58,000	64,000	S	60,000
Postsecondary teachers—chemistry	57,000	51,000	S	62,000	58,000	57,000	S	43,000
Postsecondary teachers—earth, environmental, and marine sciences	69,000	78,000	S	62,000	53,000	70,000	S	62,000
Postsecondary teachers—physics	70,000	79,000	S	48,000	70,000	70,000	S	59,000
Social and related scientists	70,000	72,000	60,000	65,000	60,000	70,000	90,000	52,000
Economists	101,000	85,000	S	60,000	65,000	117,000	S	47,000
Political scientists	72,000	72,000	S	58,000	51,000	81,000	S	S
Psychologists, including clinical	61,000	55,000	44,000	61,000	58,000	63,000	90,000	47,000
Sociologists and anthropologists	58,000	70,000	S	42,000	45,000	60,000	S	26,000
Anthropologists	55,000	S	S	180,000	45,000	57,000	S	19,000
Sociologists	69,000	70,000	S	42,000	83,000	69,000	S	26,000
Other social scientists	80,000	91,000	S	65,000	65,000	80,000	S	84,000
Postsecondary teachers—social and related sciences	66,000	65,000	52,000	65,000	60,000	69,000	17,000	65,000
Postsecondary teachers—economics	79,000	80,000	S	68,000	75,000	79,000	S	S
Postsecondary teachers—political science	69,000	58,000	S	62,000	58,000	70,000	S	60,000
Postsecondary teachers—psychology	67,000	60,000	S	64,000	63,000	68,000	S	70,000
Postsecondary teachers—sociology	64,000	60,000	S	65,000	59,000	64,000	S	86,000
Postsecondary teachers—other social sciences	61,000	65,000	52,000	69,000	60,000	63,000	S	65,000
Engineers	87,000	86,000	85,000	83,000	80,000	90,000	85,000	80,000
Aerospace, aeronautical, or astronautical engineers	100,000	93,000	102,000	70,000	80,000	104,000	90,000	101,000
Agricultural engineers	60,000	60,000	S	S	S	72,000	S	S
Bioengineering and biomedical engineers	69,000	64,000	S	30,000	76,000	70,000	S	68,000
Chemical engineers	94,000	100,000	59,000	90,000	81,000	94,000	S	91,000
Civil, architectural, or sanitary engineers	80,000	80,000	70,000	78,000	72,000	80,000	67,000	80,000
Electrical or computer hardware engineers	94,000	95,000	90,000	86,000	85,000	96,000	87,000	80,000
Computer engineers—hardware	100,000	100,000	S	98,000	78,000	104,000	S	120,000
Electrical and electronics engineers	93,000	92,000	90,000	85,000	85,000	96,000	87,000	80,000
Environmental engineers	80,000	79,000	S	94,000	78,000	80,000	S	58,000
Industrial engineers	78,000	72,000	S	75,000	70,000	82,000	S	68,000
Marine engineers and naval architects	100,000	160,000	S	S	S	100,000	S	S
Materials and metallurgical engineers	81,000	82,000	S	89,000	85,000	80,000	S	65,000
Mechanical engineers	85,000	84,000	106,000	84,000	80,000	86,000	83,000	70,000
Mining and geological engineers	77,000	110,000	S	S	40,000	77,000	S	S
Nuclear engineers	103,000	90,000	S	86,000	110,000	103,000	S	S
Petroleum engineers	114,000	105,000	S	96,000	109,000	120,000	S	S
Sales engineers	86,000	65,000	S	120,000	69,000	90,000	S	68,000
Other engineers	90,000	92,000	S	78,000	85,000	92,000	S	52,000

Appendix table 3-16

Median salary among scientists and engineers employed full time, by race/ethnicity and occupation: 2008 (corrected February 2012)

(Dollars)

Occupation	All categories	Asian	American Indian/ Alaska Native	Black	Hispanic	White	Native Hawaiian/ Other Pacific islander	Two or more races
Postsecondary teachers—engineering	82,000	82,000	S	67,000	90,000	83,000	S	104,000
S&E-related occupations	72,000	83,000	56,000	64,000	69,000	72,000	67,000	64,000
Health-related occupations	74,000	83,000	60,000	64,000	70,000	75,000	65,000	70,000
Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians)	150,000	150,000	125,000	150,000	141,000	160,000	150,000	125,000
Registered nurses, pharmacists, dieticians, therapists, physician assistants	68,000	80,000	55,000	65,000	64,000	67,000	60,000	75,000
Health technologists and technicians (e.g., dental hygienist, health record tech)	50,000	52,000	37,000	48,000	48,000	52,000	50,000	35,000
Other health occupations	49,000	40,000	S	45,000	45,000	54,000	S	47,000
Postsecondary teachers—health and related sciences teachers	68,000	92,000	91,000	51,000	65,000	70,000	S	87,000
S&E managers	110,000	120,000	138,000	96,000	101,000	110,000	67,000	102,000
Computer and information systems managers	120,000	120,000	S	107,000	120,000	120,000	S	110,000
Engineering managers	120,000	120,000	S	105,000	98,000	120,000	102,000	102,000
Medical and health services managers	95,000	110,000	S	72,000	82,000	96,000	90,000	55,000
Natural sciences managers	100,000	120,000	S	86,000	85,000	100,000	S	74,000
S&E precollege teachers	52,000	50,000	52,000	50,000	50,000	52,000	42,000	46,000
Secondary school teachers—computer, math or sciences	52,000	51,000	50,000	50,000	52,000	52,000	42,000	41,000
Secondary school teachers—social sciences	52,000	46,000	S	49,000	48,000	52,000	S	57,000
S&E technicians and technologists	65,000	70,000	35,000	67,000	58,000	66,000	49,000	60,000
Technologists and technicians in the biological/life sciences	45,000	50,000	S	45,000	44,000	45,000	S	26,000
Computer programmers (business, scientific, process control)	80,000	85,000	S	75,000	70,000	80,000	S	86,000
Electrical, electronic, industrial, mechanical technicians	66,000	52,000	S	58,000	70,000	67,000	S	70,000
Drafting occupations, including computer drafting	43,000	56,000	S	55,000	89,000	42,000	S	S
Surveying and mapping technicians	43,000	S	S	S	35,000	43,000	S	S
Other engineering technologists and technicians	60,000	45,000	S	60,000	55,000	60,000	S	S
Surveyors, cartographers, photogrammetrists	52,000	S	S	S	95,000	52,000	S	S
Technologists and technicians in the mathematical sciences	S	S	S	S	S	S	S	S
Technologists and technicians in the physical sciences	48,000	65,000	S	37,000	40,000	50,000	S	36,000
Architects	80,000	80,000	S	77,000	80,000	82,000	S	64,000
Actuaries	104,000	80,000	S	159,000	S	108,000	S	S
Non-S&E occupations	65,000	62,000	53,000	54,000	57,000	66,000	70,000	53,000
Non-S&E managers	112,000	120,000	76,000	90,000	100,000	115,000	160,000	136,000
Top-level managers, executives, administrators	130,000	130,000	85,000	100,000	120,000	132,000	160,000	164,000
Education administrators (e.g., registrar, dean, principal)	85,000	75,000	S	94,000	78,000	87,000	S	92,000
Other mid-level managers	92,000	91,000	S	85,000	95,000	95,000	S	98,000
Management-related occupations	76,000	77,000	89,000	72,000	65,000	80,000	75,000	50,000
Accountants, auditors, and other financial specialists	76,000	78,000	45,000	74,000	70,000	79,000	S	41,000
Personnel, training, and labor relations specialists	65,000	65,000	S	50,000	56,000	68,000	S	64,000
Other management-related occupations	80,000	76,000	89,000	68,000	75,000	83,000	119,000	52,000

Appendix table 3-16

Median salary among scientists and engineers employed full time, by race/ethnicity and occupation: 2008 (corrected February 2012)

(Dollars)

Occupation	All categories	Asian	American Indian/ Alaska Native	Black	Hispanic	White	Native Hawaiian/ Other Pacific islander	Two or more races
Non-S&E precollege teachers	47,000	44,000	44,000	45,000	45,000	48,000	45,000	51,000
Prekindergarten and kindergarten teachers	36,000	30,000	S	22,000	32,000	38,000	S	S
Elementary school teachers	50,000	50,000	S	45,000	46,000	50,000	S	65,000
Secondary school teachers—other subjects	50,000	44,000	S	42,000	41,000	51,000	S	45,000
Special education teachers—primary and secondary	49,000	44,000	S	48,000	47,000	50,000	S	40,000
Other precollegiate teachers	34,000	S	S	45,000	53,000	33,000	S	S
Non-S&E postsecondary teachers	61,000	90,000	S	45,000	55,000	63,000	S	52,000
Postsecondary teachers—art, drama, and music	49,000	S	S	S	S	45,000	S	S
Postsecondary teachers—business, commerce, and marketing	95,000	120,000	S	54,000	50,000	92,000	S	S
Postsecondary teachers—education	64,000	67,000	S	44,000	63,000	65,000	S	S
Postsecondary teachers—English	59,000	18,000	S	62,000	59,000	58,000	S	S
Postsecondary teachers—foreign languages	50,000	61,000	S	S	61,000	45,000	S	S
Postsecondary teachers—history	52,000	S	S	109,000	52,000	50,000	S	S
Postsecondary teachers—physical education	70,000	S	S	S	S	70,000	S	S
Postsecondary teachers—other non-S&E fields	60,000	68,000	S	41,000	50,000	61,000	S	99,000
Social services and related occupations	45,000	46,000	50,000	45,000	46,000	45,000	48,000	45,000
Clergy and other religious workers	46,000	40,000	S	54,000	40,000	46,000	S	S
Counselors, educational, vocational, mental health, and substance abuse	45,000	55,000	60,000	41,000	43,000	45,000	48,000	44,000
Social workers	45,000	43,000	57,000	45,000	54,000	45,000	S	48,000
Sales and marketing occupations	70,000	68,000	75,000	55,000	65,000	74,000	50,000	60,000
Insurance, securities, real estate, and business services	72,000	70,000	S	67,000	71,000	75,000	S	70,000
Sales occupations—commodities except retail	80,000	81,000	75,000	55,000	75,000	84,000	S	62,000
Sales occupations—retail	40,000	36,000	S	44,000	33,000	40,000	S	69,000
Other marketing and sales occupations	75,000	70,000	S	50,000	68,000	80,000	S	46,000
Art, humanities, and related occupations	57,000	45,000	S	59,000	71,000	57,000	S	43,000
Artists, broadcasters, editors, entertainers, public relations specialists, writers	57,000	45,000	S	59,000	71,000	57,000	S	43,000
Historians	56,000	S	S	S	S	65,000	S	S
Other non-S&E occupations	53,000	49,000	34,000	50,000	45,000	56,000	48,000	53,000
Accounting clerks and bookkeepers	38,000	40,000	S	42,000	40,000	34,000	S	S
Secretaries, receptionists, typists	33,000	35,000	S	35,000	39,000	32,000	S	31,000
Other administrative (e.g., record clerks, telephone operators)	40,000	40,000	47,000	37,000	35,000	40,000	40,000	41,000
Farmers, foresters, and fishermen	36,000	50,000	S	S	73,000	36,000	S	28,000
Lawyers, judges	116,000	128,000	S	100,000	140,000	115,000	S	122,000
Librarians, archivists, curators	53,000	49,000	S	63,000	50,000	49,000	S	S
Food preparation and services	30,000	40,000	S	30,000	20,000	30,000	S	36,000
Protective services occupations	58,000	42,000	53,000	60,000	50,000	60,000	S	69,000
Other service occupations, except health	45,000	55,000	S	42,000	50,000	43,000	S	48,000

Appendix table 3-16

Median salary among scientists and engineers employed full time, by race/ethnicity and occupation: 2008 (corrected February 2012)

(Dollars)

Occupation	All categories	Asian	American Indian/ Alaska Native	Black	Hispanic	White	Native Hawaiian/ Other Pacific islander	Two or more races
Other teachers and instructors in noneducational institutions	45,000	40,000	S	49,000	43,000	45,000	S	45,000
Construction and extraction occupations	65,000	60,000	S	52,000	68,000	65,000	S	85,000
Installation, maintenance, and repair occupations	54,000	56,000	S	80,000	36,000	55,000	S	21,000
Precision/production occupations	50,000	50,000	S	58,000	40,000	55,000	S	95,000
Transportation and material moving occupations	54,000	56,000	S	35,000	43,000	55,000	S	51,000
Other occupations	55,000	55,000	S	60,000	42,000	56,000	S	62,000

S = suppressed for reasons of confidentiality and/or reliability

NOTES: Dollars rounded to the nearest \$1,000. Full-time includes those who typically work 35 or more hours weekly in their principal jobs.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2008), <http://sestat.nsf.gov>.

Science and Engineering Indicators 2012