

TABLE 25. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Educational institution									
		Business/industry				4-year college/ university			Government		
		Total	Profit	Self- employed	Nonprofit	Total	Other	Total	Federal	State/ local	
All degree levels and occupations ^a	60,000	66,000	70,000	56,000	50,000	45,000	50,000	43,000	57,000	70,000	50,000
S&E occupations	70,000	73,000	75,000	58,000	59,000	50,000	50,000	50,000	63,000	74,000	53,000
Scientists	65,000	72,000	73,000	56,000	55,000	49,000	49,000	50,000	57,000	70,000	50,000
Biological/agricultural/other life scientists	50,000	60,000	63,000	45,000	51,000	43,000	42,000	44,000	50,000	60,000	45,000
Agricultural/food scientists	48,000	50,000	50,000	S	S	37,000	37,000	S	46,000	60,000	40,000
Biological/medical scientists	50,000	65,000	65,000	60,000	55,000	40,000	40,000	S	51,000	61,000	45,000
Environmental life scientists	48,000	50,000	63,000	S	S	42,000	42,000	S	50,000	55,000	46,000
Postsecondary teachers-life/related sciences	55,000	S	S	S	S	55,000	57,000	44,000	S	S	S
Computer/mathematical scientists	70,000	74,000	75,000	50,000	60,000	50,000	50,000	45,000	62,000	72,000	53,000
Computer/information scientists	70,000	74,000	75,000	50,000	60,000	49,000	49,000	45,000	62,000	71,000	54,000
Mathematical scientists	73,000	79,000	80,000	S	45,000	56,000	60,000	S	65,000	80,000	50,000
Postsecondary teachers-computer/mathematical sciences	51,000	S	S	S	S	52,000	54,000	45,000	S	S	S
Physical/related scientists	60,000	65,000	65,000	59,000	80,000	48,000	48,000	52,000	58,000	76,000	46,000
Chemists, except biochemists	60,000	65,000	65,000	S	76,000	28,000	28,000	S	60,000	80,000	47,000
Earth/atmospheric/ocean scientists	64,000	70,000	70,000	60,000	67,000	45,000	45,000	S	60,000	72,000	50,000
Physicists/astronomers	80,000	93,000	92,000	S	96,000	49,000	49,000	S	91,000	94,000	S
Postsecondary teachers-physical/related sciences	54,000	S	S	S	S	55,000	55,000	52,000	S	S	S
Other physical/related scientists	48,000	52,000	52,000	S	S	40,000	40,000	S	46,000	75,000	45,000
Social/related scientists	56,000	60,000	69,000	60,000	46,000	54,000	54,000	54,000	55,000	80,000	47,000
Economists	87,000	90,000	100,000	S	73,000	72,000	72,000	S	81,000	89,000	65,000
Political/related scientists	43,000	43,000	S	S	S	46,000	46,000	S	40,000	S	S
Postsecondary teachers-social/related sciences	56,000	S	S	S	S	56,000	59,000	48,000	S	S	S
Psychologists	54,000	57,000	50,000	68,000	45,000	53,000	39,000	56,000	53,000	80,000	48,000
Sociologists/anthropologists	50,000	50,000	44,000	S	62,000	47,000	47,000	S	58,000	68,000	40,000
Other social/related scientists	55,000	60,000	70,000	S	45,000	36,000	36,000	S	51,000	78,000	48,000
Engineers	74,000	75,000	75,000	60,000	80,000	63,000	65,000	54,000	71,000	80,000	63,000
Aerospace/aeronautical/astronautical engineers	82,000	81,000	81,000	S	105,000	78,000	78,000	S	89,000	89,000	S
Chemical engineers	78,000	80,000	80,000	S	S	24,000	24,000	S	67,000	67,000	S
Civil/architectural/sanitary engineers	68,000	69,000	69,000	70,000	S	53,000	53,000	S	67,000	79,000	64,000
Electrical/computer hardware engineers	80,000	80,000	80,000	50,000	90,000	60,000	60,000	S	79,000	80,000	70,000
Industrial engineers	65,000	64,000	65,000	S	S	S	S	S	70,000	70,000	S
Mechanical engineers	72,000	72,000	72,000	65,000	79,000	67,000	67,000	S	78,000	80,000	74,000
Postsecondary teachers-engineering	72,000	S	S	S	S	72,000	76,000	50,000	S	S	S
Other engineers	72,000	75,000	75,000	56,000	80,000	40,000	40,000	S	65,000	75,000	54,000
S&E-related occupations	57,000	65,000	70,000	80,000	55,000	45,000	53,000	42,000	57,000	65,000	52,000

TABLE 25. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Postsecondary teachers-social/related sciences	S	S	S	S	S	S	S	S	S	S	S
Psychologists	31,000	S	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists	S	S	S	S	S	S	S	S	S	S	S
Other social/related scientists	50,000	52,000	59,000	S	44,000	S	S	S	44,000	S	44,000
Engineers	70,000	70,000	70,000	60,000	78,000	45,000	45,000	S	68,000	76,000	60,000
Aerospace/aeronautical/astronautical engineers	81,000	81,000	81,000	S	S	S	S	S	85,000	85,000	S
Chemical engineers	72,000	73,000	75,000	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	65,000	66,000	66,000	68,000	S	S	S	S	65,000	78,000	62,000
Electrical/computer hardware engineers	75,000	75,000	75,000	50,000	86,000	62,000	63,000	S	77,000	79,000	65,000
Industrial engineers	62,000	62,000	62,000	S	S	S	S	S	70,000	S	S
Mechanical engineers	70,000	70,000	70,000	68,000	S	72,000	72,000	S	72,000	70,000	74,000
Postsecondary teachers-engineering	38,000	S	S	S	S	39,000	S	S	S	S	S
Other engineers	70,000	70,000	70,000	62,000	S	25,000	25,000	S	61,000	73,000	50,000
S&E-related occupations	50,000	55,000	58,000	52,000	50,000	41,000	48,000	39,000	50,000	58,000	48,000
Health-related occupations	50,000	50,000	50,000	50,000	50,000	47,000	48,000	40,000	49,000	57,000	45,000
S&E managers	87,000	92,000	95,000	S	80,000	70,000	70,000	S	73,000	89,000	65,000
S&E precollege teachers	38,000	S	S	S	S	38,000	S	38,000	S	S	S
S&E technicians/technologists	55,000	57,000	58,000	62,000	50,000	40,000	40,000	S	51,000	58,000	48,000
Other S&E-related occupations	60,000	60,000	62,000	46,000	S	S	S	S	60,000	S	S
Non-S&E occupations	48,000	50,000	55,000	40,000	35,000	33,000	36,000	32,000	47,000	59,000	42,000
Art/humanities/related occupations	50,000	50,000	52,000	42,000	49,000	S	S	S	S	S	S
Management-related occupations	57,000	60,000	60,000	50,000	44,000	43,000	44,000	S	57,000	67,000	50,000
Non-S&E managers	95,000	100,000	100,000	S	70,000	55,000	S	53,000	73,000	98,000	66,000
Non-S&E postsecondary teachers	43,000	S	S	S	S	42,000	42,000	S	S	S	S
Non-S&E precollege/other teachers	31,000	S	S	S	S	32,000	S	32,000	S	S	S
Sales/marketing occupations	55,000	55,000	58,000	39,000	40,000	S	S	S	S	S	S
Social services/related occupations	31,000	30,000	28,000	S	30,000	30,000	30,000	35,000	34,000	S	35,000
Other non-S&E occupations	40,000	36,000	39,000	35,000	30,000	30,000	32,000	29,000	45,000	50,000	43,000
Master's degrees, all occupations	63,000	75,000	80,000	50,000	52,000	49,000	45,000	50,000	63,000	75,000	55,000
S&E occupations	73,000	80,000	80,000	50,000	58,000	45,000	40,000	54,000	68,000	78,000	56,000
Scientists	70,000	77,000	80,000	50,000	53,000	45,000	39,000	53,000	60,000	74,000	51,000
Biological/agricultural/other life scientists	49,000	65,000	69,000	S	58,000	38,000	37,000	44,000	48,000	54,000	48,000
Agricultural/food scientists	47,000	60,000	65,000	S	S	37,000	37,000	S	S	S	S
Biological/medical scientists	54,000	70,000	70,000	S	78,000	38,000	38,000	S	51,000	61,000	48,000
Environmental life scientists	42,000	S	S	S	S	S	S	S	42,000	S	S
Postsecondary teachers-life/related sciences	40,000	S	S	S	S	40,000	35,000	44,000	S	S	S

TABLE 25. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry						Educational institution			Government		
		Total		Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local	
Computer/mathematical scientists	77,000	80,000	81,000	50,000	64,000	49,000	47,000	52,000	69,000	80,000	57,000		
Computer/information scientists	80,000	80,000	81,000	50,000	64,000	50,000	49,000	57,000	70,000	80,000	57,000		
Mathematical scientists	72,000	78,000	80,000	S	S	46,000	40,000	S	68,000	70,000	S		
Postsecondary teachers-computer/mathematical sciences	45,000	S	S	S	S	45,000	42,000	52,000	S	S	S		
Physical/related scientists	66,000	75,000	75,000	S	S	42,000	28,000	52,000	65,000	73,000	55,000		
Chemists, except biochemists	66,000	69,000	70,000	S	S	S	S	S	56,000	S	S		
Earth/atmospheric/ocean scientists	75,000	75,000	75,000	S	S	38,000	38,000	S	65,000	73,000	51,000		
Physicists/astronomers	68,000	90,000	93,000	S	S	20,000	20,000	S	S	S	S		
Postsecondary teachers-physical/related sciences	45,000	S	S	S	S	45,000	43,000	52,000	S	S	S		
Other physical/related scientists	65,000	56,000	52,000	S	S	S	S	S	66,000	S	56,000		
Social/related scientists	53,000	57,000	75,000	50,000	45,000	49,000	35,000	54,000	57,000	81,000	48,000		
Economists	89,000	100,000	125,000	S	S	S	S	S	81,000	89,000	S		
Political/related scientists	S	S	S	S	S	S	S	S	S	S	S		
Postsecondary teachers-social/related sciences	44,000	S	S	S	S	43,000	38,000	48,000	S	S	S		
Psychologists	48,000	44,000	43,000	55,000	40,000	53,000	25,000	55,000	44,000	S	43,000		
Sociologists/anthropologists	50,000	S	S	S	S	S	S	S	S	S	S		
Other social/related scientists	65,000	75,000	75,000	S	S	S	S	S	56,000	S	54,000		
Engineers	80,000	80,000	80,000	60,000	88,000	47,000	40,000	S	76,000	84,000	68,000		
Aerospace/aeronautical/astronautical engineers	82,000	80,000	80,000	S	S	S	S	S	93,000	93,000	S		
Chemical engineers	82,000	82,000	82,000	S	S	S	S	S	S	S	S		
Civil/architectural/sanitary engineers	72,000	73,000	73,000	75,000	S	S	S	S	72,000	75,000	68,000		
Electrical/computer hardware engineers	86,000	87,000	87,000	S	S	35,000	30,000	S	85,000	88,000	S		
Industrial engineers	72,000	72,000	72,000	S	S	S	S	S	S	S	S		
Mechanical engineers	78,000	78,000	78,000	S	S	S	S	S	88,000	89,000	S		
Postsecondary teachers-engineering	65,000	S	S	S	S	65,000	63,000	S	S	S	S		
Other engineers	80,000	83,000	84,000	S	S	35,000	26,000	S	70,000	80,000	60,000		
S&E-related occupations	56,000	67,000	70,000	70,000	60,000	49,000	60,000	48,000	65,000	72,000	57,000		
Health-related occupations	56,000	59,000	60,000	70,000	55,000	50,000	60,000	44,000	58,000	69,000	50,000		
S&E managers	95,000	100,000	100,000	S	89,000	80,000	80,000	S	87,000	97,000	84,000		
S&E precollege teachers	48,000	S	S	S	S	48,000	S	48,000	S	S	S		
S&E technicians/technologists	63,000	70,000	70,000	S	S	42,000	45,000	S	60,000	S	50,000		
Other S&E-related occupations	62,000	65,000	61,000	60,000	S	S	S	S	S	S	S		
Non-S&E occupations	60,000	70,000	80,000	40,000	45,000	50,000	44,000	51,000	60,000	75,000	52,000		
Art/humanities/related occupations	50,000	53,000	69,000	50,000	S	S	S	S	S	S	S		
Management-related occupations	75,000	80,000	81,000	45,000	60,000	49,000	46,000	63,000	65,000	77,000	60,000		
Non-S&E managers	100,000	115,000	125,000	S	85,000	73,000	68,000	75,000	93,000	110,000	83,000		

TABLE 25. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
Non-S&E postsecondary teachers	44,000	S	S	S	S	44,000	44,000	47,000	S	S	S
Non-S&E precollege/other teachers	49,000	S	S	S	S	49,000	S	49,000	S	S	S
Sales/marketing occupations	75,000	75,000	80,000	35,000	S	S	S	S	S	S	S
Social services/related occupations	43,000	40,000	45,000	36,000	39,000	46,000	41,000	49,000	45,000	52,000	44,000
Other non-S&E occupations	47,000	44,000	47,000	36,000	42,000	43,000	39,000	53,000	60,000	71,000	48,000
Doctorate degrees, all occupations	77,000	95,000	100,000	80,000	68,000	65,000	65,000	61,000	80,000	89,000	67,000
S&E occupations	75,000	90,000	93,000	90,000	74,000	62,000	63,000	55,000	80,000	85,000	65,000
Scientists	72,000	90,000	92,000	90,000	70,000	60,000	61,000	55,000	76,000	84,000	63,000
Biological/agricultural/other life scientists	67,000	86,000	90,000	80,000	60,000	57,000	58,000	52,000	72,000	75,000	59,000
Agricultural/food scientists	72,000	80,000	80,000	S	S	65,000	65,000	S	75,000	75,000	S
Biological/medical scientists	67,000	88,000	92,000	85,000	60,000	50,000	50,000	S	72,000	75,000	59,000
Environmental life scientists	63,000	S	S	S	S	S	S	S	73,000	81,000	S
Postsecondary teachers-life/related sciences	66,000	S	S	S	S	65,000	67,000	52,000	S	S	S
Computer/mathematical scientists	79,000	93,000	94,000	67,000	93,000	63,000	64,000	45,000	76,000	89,000	72,000
Computer/information scientists	87,000	92,000	94,000	67,000	88,000	62,000	63,000	S	72,000	89,000	72,000
Mathematical scientists	88,000	100,000	100,000	S	93,000	70,000	70,000	S	85,000	90,000	S
Postsecondary teachers-computer/mathematical sciences	62,000	S	S	S	S	62,000	63,000	45,000	S	S	S
Physical/related scientists	79,000	90,000	90,000	100,000	89,000	63,000	63,000	54,000	91,000	95,000	61,000
Chemists, except biochemists	85,000	88,000	88,000	S	84,000	55,000	55,000	S	83,000	89,000	66,000
Earth/atmospheric/ocean scientists	80,000	86,000	86,000	S	S	63,000	63,000	S	87,000	99,000	S
Physicists/astronomers	90,000	100,000	100,000	S	100,000	62,000	61,000	S	100,000	100,000	S
Postsecondary teachers-physical/related sciences	64,000	S	S	S	S	64,000	64,000	54,000	S	S	S
Other physical/related scientists	80,000	93,000	100,000	S	S	S	S	S	82,000	S	S
Social/related scientists	67,000	80,000	89,000	95,000	65,000	62,000	62,000	60,000	74,000	85,000	65,000
Economists	105,000	130,000	136,000	S	101,000	80,000	77,000	S	95,000	100,000	S
Political/related scientists	75,000	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	61,000	S	S	S	S	61,000	61,000	53,000	S	S	S
Psychologists	70,000	80,000	76,000	95,000	61,000	62,000	60,000	63,000	71,000	85,000	67,000
Sociologists/anthropologists	63,000	62,000	S	S	62,000	62,000	63,000	S	70,000	72,000	S
Other social/related scientists	70,000	80,000	74,000	S	80,000	68,000	62,000	S	70,000	74,000	S
Engineers	90,000	95,000	95,000	140,000	102,000	80,000	80,000	S	88,000	90,000	75,000
Aerospace/aeronautical/astronautical engineers	96,000	98,000	96,000	S	S	S	S	S	90,000	90,000	S
Chemical engineers	90,000	94,000	94,000	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	78,000	80,000	78,000	S	S	S	S	S	80,000	S	75,000
Electrical/computer hardware engineers	102,000	104,000	103,000	S	S	85,000	85,000	S	93,000	90,000	S

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		Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Industrial engineers	73,000	60,000	50,000	S	S	S	S	S	S	S	S
Mechanical engineers	90,000	90,000	90,000	S	S	72,000	75,000	S	100,000	100,000	S
Postsecondary teachers-engineering	81,000	S	S	S	S	81,000	81,000	S	S	S	S
Other engineers	85,000	90,000	90,000	140,000	S	68,000	68,000	S	85,000	90,000	S
S&E-related occupations	80,000	100,000	106,000	100,000	68,000	60,000	70,000	53,000	80,000	108,000	72,000
Health-related occupations	72,000	82,000	100,000	100,000	50,000	69,000	69,000	S	72,000	100,000	72,000
S&E managers	120,000	125,000	125,000	S	110,000	110,000	110,000	S	103,000	115,000	72,000
S&E precollege teachers	52,000	S	S	S	S	51,000	S	50,000	S	S	S
S&E technicians/technologists	62,000	75,000	75,000	S	S	39,000	38,000	S	S	S	S
Other S&E-related occupations	90,000	S	S	S	S	S	S	S	S	S	S
Non-S&E occupations	85,000	100,000	120,000	52,000	66,000	73,000	75,000	70,000	85,000	95,000	65,000
Art/humanities/related occupations	70,000	73,000	86,000	50,000	55,000	47,000	47,000	S	S	S	S
Management-related occupations	87,000	97,000	100,000	100,000	70,000	87,000	87,000	S	57,000	83,000	50,000
Non-S&E managers	115,000	143,000	150,000	S	95,000	105,000	110,000	102,000	105,000	125,000	85,000
Non-S&E postsecondary teachers	65,000	S	S	S	S	65,000	65,000	53,000	S	S	S
Non-S&E precollege/other teachers	61,000	S	S	S	S	61,000	S	61,000	S	S	S
Sales/marketing occupations	125,000	130,000	150,000	75,000	S	S	S	S	S	S	S
Social services/related occupations	51,000	50,000	S	S	50,000	51,000	58,000	46,000	S	S	S
Other non-S&E occupations	56,000	61,000	75,000	50,000	S	54,000	45,000	S	56,000	80,000	56,000

S = suppressed for reliability or confidentiality.

S&E = science and engineering.

^a Total includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received a bachelor's or higher degree in a science or engineering (S&E) or S&E-related field, plus any person holding a non-S&E bachelor's or higher degree who was employed in a S&E or S&E-related occupation in 2003. See <http://sestat.nsf.gov/docs/ed03maj.html> for a detailed description of the educational field classification, and <http://sestat.nsf.gov/docs/occ03maj.html> for a detailed description of the occupational classification. Four-year college/university includes medical schools and university-affiliated research institutes. Other educational institution includes 2-year colleges, precollege institutions, and other educational institutions. Salaries are for principal job and rounded to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2003.