

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree:
2003
(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
All degree levels and occupations ^a	60,000	45,000	56,000	63,000	70,000	70,000	68,000	68,000	65,000
Male	70,000	50,000	63,000	72,000	79,000	80,000	75,000	75,000	75,000
Female	49,000	40,000	48,000	53,000	54,000	55,000	54,000	50,000	45,000
S&E occupations	70,000	52,000	65,000	72,000	76,000	80,000	76,000	80,000	80,000
Male	72,000	55,000	67,000	75,000	80,000	83,000	80,000	80,000	85,000
Female	58,000	45,000	58,000	62,000	70,000	69,000	62,000	65,000	60,000
Scientists	65,000	49,000	62,000	70,000	75,000	76,000	72,000	73,000	79,000
Male	70,000	53,000	65,000	75,000	80,000	80,000	75,000	75,000	85,000
Female	56,000	43,000	54,000	60,000	70,000	66,000	62,000	65,000	61,000
Biological/agricultural/other life scientists	50,000	35,000	48,000	59,000	59,000	65,000	65,000	63,000	70,000
Male	53,000	37,000	48,000	60,000	58,000	65,000	68,000	63,000	80,000
Female	46,000	34,000	48,000	57,000	59,000	60,000	56,000	65,000	54,000
Agricultural/food scientists	48,000	38,000	43,000	52,000	56,000	48,000	39,000	68,000	50,000
Male	50,000	35,000	40,000	52,000	56,000	48,000	37,000	62,000	S
Female	46,000	38,000	46,000	50,000	S	S	S	S	S
Biological/medical scientists	50,000	35,000	50,000	60,000	64,000	69,000	65,000	63,000	72,000
Male	53,000	38,000	49,000	65,000	70,000	70,000	80,000	65,000	93,000
Female	46,000	34,000	51,000	58,000	60,000	61,000	60,000	56,000	S
Environmental life scientists	48,000	32,000	42,000	38,000	53,000	42,000	68,000	46,000	S
Male	48,000	32,000	42,000	38,000	53,000	42,000	68,000	46,000	S
Female	38,000	26,000	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	55,000	38,000	48,000	57,000	57,000	69,000	69,000	80,000	95,000
Male	60,000	38,000	50,000	59,000	56,000	70,000	70,000	81,000	95,000
Female	46,000	35,000	40,000	50,000	60,000	35,000	56,000	65,000	S
Computer/mathematical scientists	70,000	58,000	68,000	72,000	80,000	80,000	73,000	76,000	78,000
Male	74,000	60,000	70,000	75,000	81,000	84,000	77,000	80,000	83,000
Female	62,000	52,000	62,000	62,000	73,000	70,000	62,000	72,000	60,000
Computer/information scientists	70,000	59,000	70,000	72,000	80,000	80,000	72,000	80,000	79,000
Male	74,000	60,000	70,000	75,000	82,000	84,000	75,000	80,000	83,000
Female	63,000	54,000	65,000	62,000	75,000	70,000	62,000	73,000	60,000
Mathematical scientists	73,000	57,000	60,000	81,000	80,000	85,000	97,000	90,000	S
Male	80,000	60,000	72,000	95,000	92,000	80,000	100,000	108,000	S
Female	55,000	55,000	46,000	75,000	50,000	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	51,000	44,000	45,000	53,000	55,000	63,000	73,000	48,000	79,000
Male	55,000	50,000	44,000	54,000	60,000	70,000	66,000	53,000	85,000
Female	45,000	40,000	45,000	50,000	42,000	49,000	S	S	S
Physical/related scientists	60,000	42,000	54,000	65,000	70,000	76,000	70,000	66,000	79,000
Male	65,000	42,000	58,000	70,000	70,000	80,000	76,000	69,000	83,000
Female	47,000	42,000	50,000	49,000	70,000	54,000	60,000	60,000	S
Chemists, except biochemists	60,000	43,000	58,000	62,000	70,000	86,000	70,000	66,000	70,000
Male	67,000	45,000	64,000	75,000	70,000	90,000	80,000	66,000	70,000
Female	48,000	42,000	51,000	52,000	74,000	52,000	61,000	S	S
Earth/atmospheric/ocean scientists	64,000	41,000	59,000	68,000	65,000	74,000	70,000	76,000	90,000
Male	65,000	41,000	60,000	71,000	70,000	74,000	68,000	76,000	95,000

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree:

2003

(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Female	50,000	38,000	52,000	S	S	S	S	S	S
Physicists/astronomers	80,000	45,000	65,000	90,000	85,000	95,000	100,000	108,000	100,000
Male	84,000	46,000	65,000	90,000	87,000	95,000	100,000	110,000	101,000
Female	67,000	40,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	54,000	32,000	45,000	57,000	63,000	70,000	70,000	76,000	80,000
Male	60,000	42,000	48,000	60,000	63,000	75,000	70,000	78,000	80,000
Female	45,000	28,000	45,000	51,000	70,000	S	S	S	S
Other physical/related scientists	48,000	40,000	48,000	52,000	70,000	46,000	56,000	S	S
Male	51,000	40,000	52,000	52,000	S	36,000	S	S	S
Female	46,000	42,000	40,000	S	S	S	S	S	S
Social/related scientists	56,000	41,000	50,000	60,000	73,000	65,000	75,000	81,000	80,000
Male	63,000	43,000	51,000	70,000	78,000	70,000	80,000	89,000	97,000
Female	50,000	41,000	48,000	58,000	65,000	60,000	68,000	50,000	66,000
Economists	87,000	60,000	100,000	89,000	105,000	62,000	90,000	90,000	S
Male	89,000	60,000	120,000	89,000	79,000	60,000	99,000	90,000	S
Female	77,000	70,000	100,000	S	105,000	S	S	S	S
Political/related scientists	43,000	40,000	S	S	S	S	S	S	S
Male	52,000	S	S	S	S	S	S	S	S
Female	40,000	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	56,000	44,000	48,000	55,000	64,000	68,000	71,000	75,000	78,000
Male	60,000	44,000	50,000	53,000	68,000	71,000	75,000	80,000	76,000
Female	51,000	44,000	46,000	58,000	60,000	61,000	65,000	66,000	S
Psychologists	54,000	41,000	50,000	61,000	65,000	63,000	63,000	61,000	69,000
Male	60,000	42,000	50,000	78,000	73,000	65,000	70,000	65,000	92,000
Female	50,000	41,000	50,000	60,000	60,000	60,000	54,000	57,000	S
Sociologists/anthropologists	50,000	36,000	41,000	50,000	65,000	75,000	75,000	S	S
Male	50,000	32,000	45,000	S	73,000	S	S	S	S
Female	49,000	49,000	39,000	S	S	S	S	S	S
Other social/related scientists	55,000	40,000	47,000	60,000	80,000	70,000	84,000	95,000	S
Male	64,000	40,000	50,000	70,000	90,000	80,000	84,000	S	S
Female	50,000	40,000	45,000	55,000	75,000	S	100,000	S	S
Engineers	74,000	59,000	67,000	75,000	80,000	85,000	82,000	85,000	84,000
Male	75,000	60,000	68,000	75,000	80,000	85,000	84,000	86,000	85,000
Female	65,000	54,000	65,000	75,000	72,000	80,000	70,000	72,000	S
Aerospace/aeronautical/astronautical engineers	82,000	61,000	80,000	85,000	81,000	90,000	98,000	98,000	100,000
Male	83,000	62,000	80,000	85,000	81,000	90,000	98,000	100,000	100,000
Female	82,000	61,000	S	S	S	S	S	S	S
Chemical engineers	78,000	60,000	67,000	87,000	80,000	92,000	99,000	100,000	100,000
Male	80,000	60,000	69,000	87,000	80,000	94,000	100,000	100,000	100,000
Female	67,000	60,000	64,000	90,000	S	S	S	S	S
Civil/architectural/sanitary engineers	68,000	48,000	61,000	70,000	70,000	75,000	81,000	82,000	80,000
Male	70,000	50,000	62,000	70,000	72,000	77,000	81,000	82,000	81,000
Female	55,000	45,000	59,000	70,000	68,000	60,000	S	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree:
2003
(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Electrical/computer hardware engineers	80,000	64,000	75,000	82,000	86,000	90,000	86,000	88,000	90,000
Male	80,000	64,000	75,000	84,000	86,000	90,000	86,000	90,000	88,000
Female	80,000	66,000	85,000	73,000	93,000	S	S	S	S
Industrial engineers	65,000	54,000	63,000	67,000	70,000	89,000	67,000	65,000	S
Male	65,000	55,000	64,000	67,000	70,000	94,000	68,000	69,000	S
Female	60,000	53,000	60,000	S	S	S	S	S	S
Mechanical engineers	72,000	60,000	66,000	75,000	80,000	82,000	84,000	86,000	80,000
Male	73,000	60,000	66,000	75,000	80,000	83,000	84,000	86,000	80,000
Female	65,000	56,000	65,000	78,000	S	S	S	S	S
Postsecondary teachers-engineering	72,000	58,000	64,000	72,000	81,000	90,000	90,000	86,000	78,000
Male	73,000	60,000	62,000	75,000	81,000	90,000	93,000	86,000	78,000
Female	61,000	45,000	64,000	69,000	S	S	S	S	S
Other engineers	72,000	56,000	63,000	71,000	78,000	84,000	80,000	85,000	80,000
Male	75,000	58,000	63,000	72,000	80,000	85,000	80,000	85,000	80,000
Female	60,000	51,000	64,000	67,000	60,000	77,000	S	S	S
S&E-related occupations	57,000	44,000	53,000	58,000	65,000	67,000	66,000	65,000	73,000
Male	70,000	44,000	60,000	74,000	81,000	88,000	84,000	82,000	90,000
Female	50,000	45,000	50,000	52,000	53,000	55,000	56,000	50,000	52,000
Health-related occupations	60,000	46,000	55,000	60,000	68,000	68,000	68,000	75,000	80,000
Male	90,000	48,000	72,000	92,000	115,000	120,000	100,000	110,000	108,000
Female	50,000	45,000	50,000	54,000	53,000	55,000	56,000	50,000	50,000
S&E managers	92,000	75,000	83,000	96,000	94,000	93,000	100,000	108,000	100,000
Male	98,000	82,000	85,000	100,000	98,000	98,000	104,000	110,000	100,000
Female	80,000	69,000	69,000	82,000	85,000	82,000	83,000	S	S
S&E precollege teachers	42,000	38,000	40,000	42,000	45,000	46,000	50,000	50,000	41,000
Male	43,000	39,000	40,000	42,000	48,000	52,000	50,000	52,000	40,000
Female	41,000	38,000	40,000	42,000	44,000	44,000	48,000	48,000	41,000
S&E technicians/technologists	57,000	40,000	56,000	57,000	63,000	60,000	65,000	60,000	70,000
Male	58,000	42,000	58,000	60,000	65,000	56,000	67,000	60,000	69,000
Female	53,000	36,000	51,000	55,000	60,000	66,000	60,000	61,000	72,000
Other S&E-related occupations	60,000	43,000	50,000	58,000	69,000	85,000	82,000	60,000	73,000
Male	63,000	41,000	52,000	58,000	69,000	90,000	82,000	62,000	73,000
Female	50,000	47,000	44,000	S	S	62,000	S	S	S
Non-S&E occupations	54,000	40,000	50,000	60,000	61,000	62,000	62,000	63,000	50,000
Male	65,000	45,000	60,000	65,000	72,000	75,000	70,000	70,000	60,000
Female	43,000	35,000	43,000	50,000	50,000	51,000	50,000	45,000	38,000
Art/humanities/related occupations	50,000	31,000	40,000	58,000	49,000	52,000	60,000	43,000	52,000
Male	61,000	29,000	50,000	70,000	69,000	52,000	90,000	75,000	71,000
Female	40,000	38,000	32,000	50,000	47,000	52,000	34,000	S	S
Management-related occupations	64,000	50,000	64,000	65,000	65,000	70,000	70,000	67,000	50,000
Male	70,000	60,000	67,000	69,000	70,000	80,000	73,000	72,000	56,000
Female	55,000	47,000	57,000	55,000	52,000	60,000	64,000	50,000	45,000
Non-S&E managers	100,000	80,000	80,000	95,000	103,000	100,000	108,000	102,000	103,000
Male	100,000	85,000	90,000	100,000	107,000	101,000	115,000	106,000	115,000
Female	80,000	76,000	72,000	82,000	90,000	81,000	90,000	90,000	79,000

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree:
2003
(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Non-S&E postsecondary teachers	50,000	45,000	47,000	55,000	60,000	65,000	52,000	70,000	75,000
Male	55,000	45,000	56,000	60,000	60,000	75,000	52,000	65,000	80,000
Female	45,000	38,000	43,000	48,000	59,000	60,000	62,000	S	S
Non-S&E precollege/other teachers	40,000	37,000	40,000	44,000	40,000	40,000	48,000	62,000	36,000
Male	43,000	37,000	40,000	49,000	43,000	40,000	55,000	S	S
Female	39,000	37,000	39,000	39,000	40,000	41,000	44,000	47,000	S
Sales/marketing occupations	60,000	45,000	59,000	70,000	73,000	63,000	62,000	62,000	50,000
Male	69,000	53,000	70,000	75,000	80,000	80,000	71,000	63,000	58,000
Female	47,000	39,000	48,000	60,000	55,000	38,000	47,000	45,000	30,000
Social services/related occupations	39,000	34,000	38,000	40,000	42,000	42,000	50,000	51,000	49,000
Male	41,000	36,000	40,000	42,000	47,000	45,000	53,000	55,000	S
Female	36,000	32,000	37,000	39,000	40,000	42,000	43,000	50,000	S
Other non-S&E occupations	45,000	33,000	44,000	49,000	50,000	53,000	50,000	50,000	40,000
Male	50,000	37,000	50,000	55,000	55,000	60,000	54,000	55,000	46,000
Female	38,000	30,000	40,000	41,000	43,000	48,000	40,000	36,000	30,000
Bachelor's degrees, all occupations	54,000	38,000	50,000	57,000	64,000	62,000	60,000	60,000	55,000
Male	62,000	42,000	55,000	63,000	70,000	73,000	69,000	70,000	65,000
Female	45,000	35,000	44,000	49,000	50,000	50,000	49,000	46,000	43,000
S&E occupations	65,000	47,000	60,000	68,000	75,000	78,000	73,000	75,000	77,000
Male	70,000	50,000	62,000	70,000	76,000	80,000	75,000	78,000	80,000
Female	55,000	41,000	54,000	58,000	70,000	67,000	60,000	61,000	60,000
Scientists	62,000	44,000	58,000	65,000	75,000	72,000	69,000	67,000	72,000
Male	67,000	47,000	60,000	70,000	77,000	75,000	72,000	70,000	75,000
Female	52,000	38,000	52,000	55,000	70,000	65,000	60,000	60,000	60,000
Biological/agricultural/other life scientists	42,000	30,000	40,000	48,000	48,000	46,000	60,000	53,000	50,000
Male	45,000	32,000	36,000	48,000	48,000	46,000	66,000	50,000	S
Female	40,000	27,000	46,000	50,000	50,000	51,000	54,000	S	S
Agricultural/food scientists	46,000	S	S	S	S	S	S	S	S
Male	45,000	S	S	S	S	S	S	S	S
Female	46,000	S	S	S	S	S	S	S	S
Biological/medical scientists	40,000	30,000	42,000	48,000	46,000	46,000	52,000	53,000	S
Male	44,000	32,000	36,000	48,000	46,000	S	51,000	S	S
Female	40,000	28,000	48,000	50,000	54,000	55,000	S	S	S
Environmental life scientists	50,000	31,000	S	S	53,000	S	66,000	S	S
Male	50,000	S	S	S	S	S	68,000	S	S
Female	33,000	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	31,000	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	68,000	51,000	62,000	69,000	78,000	78,000	70,000	75,000	75,000
Male	70,000	53,000	65,000	72,000	80,000	80,000	74,000	80,000	80,000
Female	60,000	47,000	58,000	59,000	72,000	70,000	60,000	67,000	60,000
Computer/information scientists	69,000	52,000	64,000	69,000	78,000	78,000	70,000	78,000	75,000
Male	70,000	53,000	65,000	72,000	80,000	80,000	74,000	80,000	80,000
Female	60,000	47,000	60,000	59,000	73,000	70,000	62,000	72,000	60,000

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree:
2003
(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Other social/related scientists	50,000	36,000	45,000	58,000	S	S	84,000	S	S
Male	52,000	40,000	S	S	S	S	S	S	S
Female	45,000	36,000	S	S	S	S	S	S	S
Engineers	70,000	52,000	62,000	70,000	75,000	84,000	80,000	80,000	82,000
Male	71,000	53,000	62,000	70,000	76,000	85,000	80,000	80,000	83,000
Female	60,000	50,000	60,000	67,000	69,000	80,000	70,000	S	S
Aerospace/aeronautical/astronautical engineers	81,000	54,000	72,000	78,000	81,000	90,000	100,000	97,000	98,000
Male	81,000	55,000	72,000	78,000	81,000	90,000	100,000	97,000	98,000
Female	69,000	52,000	S	S	S	S	S	S	S
Chemical engineers	72,000	55,000	63,000	84,000	80,000	90,000	100,000	98,000	S
Male	76,000	54,000	65,000	78,000	80,000	91,000	104,000	S	S
Female	64,000	57,000	62,000	S	S	S	S	S	S
Civil/architectural/sanitary engineers	65,000	45,000	60,000	65,000	70,000	72,000	81,000	82,000	80,000
Male	68,000	45,000	60,000	65,000	70,000	72,000	81,000	82,000	84,000
Female	55,000	46,000	57,000	S	S	S	S	S	S
Electrical/computer hardware engineers	75,000	60,000	70,000	75,000	82,000	89,000	80,000	83,000	85,000
Male	75,000	60,000	70,000	75,000	80,000	88,000	80,000	84,000	85,000
Female	70,000	55,000	100,000	61,000	90,000	S	S	S	S
Industrial engineers	62,000	52,000	60,000	63,000	70,000	94,000	63,000	65,000	S
Male	63,000	52,000	60,000	62,000	70,000	95,000	63,000	65,000	S
Female	60,000	52,000	S	S	S	S	S	S	S
Mechanical engineers	70,000	53,000	62,000	70,000	78,000	83,000	80,000	85,000	75,000
Male	70,000	53,000	62,000	70,000	78,000	84,000	80,000	85,000	75,000
Female	62,000	52,000	62,000	S	S	S	S	S	S
Postsecondary teachers-engineering	38,000	S	S	S	S	S	S	S	S
Male	38,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other engineers	70,000	50,000	59,000	68,000	70,000	82,000	78,000	75,000	80,000
Male	70,000	50,000	60,000	69,000	70,000	85,000	79,000	78,000	80,000
Female	57,000	46,000	55,000	66,000	S	80,000	S	S	S
S&E-related occupations	50,000	40,000	46,000	50,000	55,000	55,000	58,000	54,000	54,000
Male	57,000	39,000	50,000	56,000	65,000	66,000	67,000	65,000	69,000
Female	47,000	40,000	45,000	49,000	48,000	52,000	51,000	50,000	50,000
Health-related occupations	50,000	42,000	47,000	50,000	50,000	54,000	53,000	52,000	50,000
Male	55,000	41,000	50,000	53,000	52,000	64,000	62,000	75,000	75,000
Female	48,000	42,000	47,000	50,000	48,000	52,000	51,000	50,000	47,000
S&E managers	87,000	61,000	69,000	91,000	91,000	92,000	85,000	103,000	96,000
Male	93,000	61,000	75,000	100,000	93,000	92,000	96,000	107,000	96,000
Female	80,000	62,000	68,000	80,000	83,000	80,000	S	S	S
S&E precollege teachers	38,000	33,000	35,000	39,000	40,000	42,000	42,000	49,000	40,000
Male	39,000	32,000	35,000	41,000	41,000	44,000	49,000	50,000	S
Female	38,000	33,000	35,000	39,000	39,000	39,000	41,000	45,000	41,000
S&E technicians/technologists	55,000	38,000	54,000	56,000	62,000	59,000	65,000	60,000	67,000
Male	56,000	39,000	57,000	56,000	64,000	56,000	67,000	59,000	61,000
Female	50,000	33,000	47,000	55,000	59,000	65,000	58,000	70,000	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003
(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Biological/medical scientists	54,000	42,000	54,000	58,000	60,000	64,000	81,000	S	S
Male	55,000	50,000	53,000	59,000	60,000	S	S	S	S
Female	52,000	41,000	56,000	48,000	S	78,000	S	S	S
Environmental life scientists	42,000	S	S	S	S	S	S	S	S
Male	42,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	40,000	36,000	S	S	S	S	S	S	S
Male	45,000	S	S	S	S	S	S	S	S
Female	35,000	S	S	S	S	S	S	S	S
Computer/mathematical scientists	77,000	66,000	80,000	81,000	85,000	87,000	81,000	78,000	82,000
Male	80,000	68,000	84,000	88,000	88,000	88,000	83,000	78,000	87,000
Female	67,000	60,000	69,000	70,000	75,000	77,000	78,000	75,000	S
Computer/information scientists	80,000	66,000	82,000	82,000	88,000	87,000	82,000	80,000	90,000
Male	82,000	70,000	85,000	89,000	90,000	90,000	87,000	80,000	90,000
Female	70,000	60,000	73,000	72,000	79,000	82,000	74,000	80,000	S
Mathematical scientists	72,000	60,000	72,000	82,000	S	S	S	S	S
Male	76,000	60,000	S	S	S	S	S	S	S
Female	60,000	55,000	S	S	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	45,000	40,000	40,000	49,000	S	S	S	S	S
Male	50,000	40,000	S	S	S	S	S	S	S
Female	41,000	S	40,000	S	S	S	S	S	S
Physical/related scientists	66,000	46,000	60,000	66,000	84,000	90,000	73,000	66,000	S
Male	70,000	48,000	60,000	75,000	85,000	90,000	80,000	66,000	S
Female	59,000	43,000	58,000	64,000	S	S	S	S	S
Chemists, except biochemists	66,000	56,000	66,000	66,000	S	S	S	S	S
Male	70,000	56,000	S	S	S	S	S	S	S
Female	65,000	56,000	66,000	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	75,000	46,000	S	75,000	87,000	82,000	S	S	S
Male	75,000	47,000	S	S	86,000	82,000	S	S	S
Female	52,000	44,000	S	S	S	S	S	S	S
Physicists/astronomers	68,000	38,000	S	S	S	S	S	S	S
Male	80,000	50,000	S	S	S	S	S	S	S
Female	59,000	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	45,000	28,000	S	S	S	S	S	S	S
Male	47,000	S	S	S	S	S	S	S	S
Female	45,000	S	S	S	S	S	S	S	S
Other physical/related scientists	65,000	43,000	S	S	S	S	S	S	S
Male	65,000	S	S	S	S	S	S	S	S
Female	60,000	S	S	S	S	S	S	S	S
Social/related scientists	53,000	41,000	48,000	60,000	70,000	60,000	67,000	80,000	72,000
Male	60,000	43,000	50,000	75,000	82,000	61,000	68,000	86,000	S
Female	48,000	40,000	41,000	53,000	60,000	57,000	65,000	S	S
Economists	89,000	60,000	S	S	S	S	S	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree:

2003

(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Male	89,000	S	S	S	S	S	S	S	S
Female	81,000	S	S	S	S	S	S	S	S
Political/related scientists	S	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	44,000	24,000	S	S	S	S	S	S	S
Male	48,000	S	S	S	S	S	S	S	S
Female	38,000	S	S	S	S	S	S	S	S
Psychologists	48,000	40,000	49,000	53,000	60,000	55,000	60,000	S	S
Male	55,000	40,000	S	S	S	55,000	62,000	S	S
Female	45,000	38,000	49,000	52,000	55,000	55,000	51,000	S	S
Sociologists/anthropologists	50,000	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other social/related scientists	65,000	49,000	51,000	75,000	S	S	S	S	S
Male	78,000	55,000	S	S	S	S	S	S	S
Female	50,000	46,000	S	S	S	S	S	S	S
Engineers	80,000	68,000	77,000	85,000	89,000	86,000	88,000	90,000	84,000
Male	80,000	69,000	78,000	85,000	89,000	86,000	89,000	90,000	90,000
Female	70,000	60,000	75,000	82,000	82,000	80,000	S	S	S
Aerospace/aeronautical/astronautical engineers	82,000	69,000	80,000	94,000	80,000	84,000	95,000	S	S
Male	80,000	67,000	80,000	94,000	80,000	81,000	S	S	S
Female	93,000	69,000	S	S	S	S	S	S	S
Chemical engineers	82,000	70,000	S	94,000	S	S	S	S	S
Male	82,000	72,000	S	S	S	S	S	S	S
Female	70,000	70,000	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	72,000	55,000	64,000	75,000	80,000	85,000	80,000	80,000	75,000
Male	75,000	60,000	66,000	73,000	85,000	89,000	80,000	80,000	77,000
Female	55,000	45,000	S	S	S	S	S	S	S
Electrical/computer hardware engineers	86,000	74,000	81,000	95,000	100,000	100,000	91,000	106,000	94,000
Male	86,000	74,000	81,000	93,000	97,000	100,000	92,000	109,000	88,000
Female	87,000	75,000	81,000	S	S	S	S	S	S
Industrial engineers	72,000	62,000	72,000	S	S	S	S	S	S
Male	72,000	62,000	74,000	S	S	S	S	S	S
Female	60,000	53,000	S	S	S	S	S	S	S
Mechanical engineers	78,000	70,000	77,000	84,000	85,000	66,000	87,000	90,000	S
Male	79,000	71,000	75,000	84,000	85,000	66,000	87,000	90,000	S
Female	74,000	68,000	S	S	S	S	S	S	S
Postsecondary teachers-engineering	65,000	S	S	S	S	S	S	S	S
Male	65,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other engineers	80,000	65,000	75,000	80,000	90,000	83,000	85,000	90,000	S
Male	83,000	67,000	78,000	80,000	90,000	84,000	90,000	90,000	S
Female	60,000	60,000	73,000	S	S	S	S	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree:

2003
(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
S&E-related occupations	56,000	48,000	58,000	62,000	60,000	61,000	65,000	60,000	62,000
Male	61,000	50,000	60,000	73,000	65,000	73,000	75,000	67,000	76,000
Female	53,000	48,000	55,000	58,000	57,000	54,000	61,000	50,000	58,000
Health-related occupations	56,000	51,000	60,000	63,000	61,000	55,000	65,000	52,000	55,000
Male	65,000	56,000	74,000	80,000	75,000	70,000	65,000	S	S
Female	55,000	50,000	55,000	62,000	60,000	53,000	60,000	50,000	S
S&E managers	95,000	83,000	90,000	96,000	92,000	103,000	120,000	108,000	S
Male	100,000	90,000	98,000	100,000	100,000	95,000	128,000	110,000	S
Female	85,000	75,000	80,000	86,000	86,000	S	S	S	S
S&E precollege teachers	48,000	40,000	47,000	48,000	50,000	53,000	56,000	55,000	S
Male	50,000	40,000	48,000	50,000	50,000	60,000	55,000	57,000	S
Female	46,000	40,000	47,000	45,000	51,000	50,000	56,000	S	S
S&E technicians/technologists	63,000	56,000	64,000	70,000	65,000	65,000	73,000	62,000	S
Male	65,000	53,000	60,000	80,000	82,000	65,000	80,000	S	S
Female	63,000	57,000	80,000	50,000	S	S	S	S	S
Other S&E-related occupations	62,000	41,000	52,000	70,000	65,000	80,000	S	S	S
Male	65,000	S	55,000	S	S	S	S	S	S
Female	57,000	S	S	S	S	S	S	S	S
Non-S&E occupations	60,000	48,000	58,000	67,000	65,000	65,000	70,000	64,000	60,000
Male	73,000	60,000	75,000	80,000	78,000	78,000	75,000	67,000	62,000
Female	50,000	42,000	47,000	53,000	52,000	55,000	60,000	59,000	47,000
Art/humanities/related occupations	50,000	45,000	S	S	S	S	S	S	S
Male	65,000	S	S	S	S	S	S	S	S
Female	39,000	45,000	S	S	S	S	S	S	S
Management-related occupations	75,000	64,000	75,000	77,000	80,000	81,000	75,000	68,000	45,000
Male	80,000	75,000	75,000	80,000	90,000	85,000	80,000	72,000	45,000
Female	68,000	56,000	73,000	75,000	71,000	65,000	65,000	S	S
Non-S&E managers	100,000	82,000	99,000	102,000	112,000	100,000	98,000	100,000	98,000
Male	104,000	86,000	100,000	109,000	117,000	100,000	115,000	100,000	120,000
Female	80,000	77,000	78,000	80,000	97,000	89,000	90,000	S	S
Non-S&E postsecondary teachers	44,000	43,000	40,000	48,000	40,000	54,000	44,000	S	S
Male	45,000	45,000	S	S	S	S	S	S	S
Female	36,000	30,000	40,000	S	S	S	S	S	S
Non-S&E precollege/other teachers	49,000	42,000	42,000	51,000	55,000	52,000	55,000	68,000	S
Male	53,000	42,000	46,000	56,000	S	S	62,000	S	S
Female	48,000	42,000	42,000	49,000	55,000	54,000	53,000	S	S
Sales/marketing occupations	75,000	70,000	100,000	80,000	65,000	75,000	71,000	45,000	50,000
Male	84,000	78,000	102,000	90,000	80,000	100,000	71,000	50,000	55,000
Female	55,000	61,000	50,000	60,000	42,000	S	S	S	S
Social services/related occupations	43,000	38,000	42,000	47,000	46,000	48,000	55,000	55,000	S
Male	46,000	40,000	42,000	48,000	47,000	45,000	55,000	S	S
Female	42,000	37,000	42,000	47,000	43,000	49,000	55,000	S	S
Other non-S&E occupations	47,000	44,000	47,000	53,000	46,000	49,000	48,000	50,000	44,000
Male	59,000	50,000	64,000	56,000	50,000	62,000	60,000	50,000	45,000
Female	42,000	38,000	42,000	46,000	38,000	43,000	42,000	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree:
2003
(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Doctorate degrees, all occupations	77,000	54,000	70,000	76,000	85,000	90,000	100,000	100,000	100,000
Male	83,000	60,000	75,000	82,000	88,000	91,000	100,000	100,000	102,000
Female	63,000	50,000	60,000	64,000	77,000	75,000	87,000	83,000	92,000
S&E occupations	75,000	52,000	70,000	78,000	80,000	86,000	92,000	93,000	100,000
Male	80,000	57,000	75,000	82,000	84,000	90,000	95,000	94,000	100,000
Female	61,000	47,000	60,000	68,000	74,000	75,000	80,000	80,000	100,000
Scientists	72,000	50,000	65,000	73,000	78,000	84,000	89,000	88,000	98,000
Male	75,000	52,000	69,000	77,000	80,000	85,000	90,000	89,000	98,000
Female	60,000	46,000	60,000	67,000	72,000	74,000	80,000	79,000	100,000
Biological/agricultural/other life scientists	67,000	40,000	60,000	72,000	80,000	84,000	90,000	93,000	98,000
Male	71,000	41,000	60,000	73,000	81,000	85,000	93,000	95,000	97,000
Female	57,000	40,000	57,000	70,000	76,000	73,000	80,000	85,000	S
Agricultural/food scientists	72,000	50,000	68,000	70,000	80,000	90,000	90,000	74,000	S
Male	74,000	50,000	68,000	73,000	80,000	93,000	90,000	74,000	S
Female	63,000	48,000	S	S	S	S	S	S	S
Biological/medical scientists	67,000	40,000	62,000	80,000	83,000	90,000	103,000	106,000	105,000
Male	73,000	40,000	65,000	80,000	90,000	98,000	106,000	109,000	100,000
Female	57,000	38,000	60,000	74,000	74,000	83,000	92,000	S	S
Environmental life scientists	63,000	S	S	S	S	S	S	S	S
Male	63,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	66,000	45,000	51,000	62,000	70,000	72,000	80,000	85,000	92,000
Male	70,000	45,000	51,000	65,000	70,000	74,000	80,000	86,000	98,000
Female	57,000	45,000	50,000	57,000	71,000	67,000	75,000	84,000	S
Computer/mathematical scientists	79,000	65,000	80,000	80,000	80,000	86,000	93,000	80,000	104,000
Male	81,000	71,000	80,000	83,000	80,000	89,000	95,000	80,000	104,000
Female	63,000	48,000	70,000	72,000	76,000	73,000	73,000	S	S
Computer/information scientists	87,000	75,000	85,000	98,000	93,000	90,000	90,000	94,000	S
Male	89,000	77,000	86,000	98,000	94,000	100,000	100,000	94,000	S
Female	72,000	60,000	83,000	90,000	S	70,000	S	S	S
Mathematical scientists	88,000	71,000	89,000	90,000	105,000	89,000	110,000	105,000	S
Male	90,000	71,000	89,000	92,000	105,000	99,000	108,000	S	S
Female	85,000	65,000	89,000	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	62,000	48,000	56,000	62,000	64,000	80,000	88,000	68,000	100,000
Male	67,000	57,000	60,000	66,000	63,000	76,000	90,000	65,000	100,000
Female	50,000	40,000	52,000	55,000	76,000	S	S	S	S
Physical/related scientists	79,000	55,000	73,000	82,000	82,000	92,000	100,000	93,000	95,000
Male	80,000	55,000	75,000	83,000	83,000	92,000	100,000	95,000	95,000
Female	66,000	52,000	65,000	70,000	72,000	79,000	70,000	S	S
Chemists, except biochemists	85,000	67,000	83,000	93,000	93,000	102,000	101,000	90,000	95,000
Male	87,000	68,000	83,000	93,000	95,000	102,000	104,000	96,000	95,000
Female	77,000	66,000	83,000	86,000	75,000	S	S	S	S
Earth/atmospheric/ocean scientists	80,000	55,000	69,000	77,000	84,000	90,000	110,000	S	S
Male	83,000	60,000	72,000	75,000	85,000	98,000	110,000	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree:

2003
(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Electrical/computer hardware engineers	102,000	83,000	100,000	108,000	125,000	125,000	110,000	114,000	S
Male	104,000	83,000	105,000	110,000	127,000	121,000	110,000	120,000	S
Female	94,000	80,000	94,000	S	S	S	S	S	S
Industrial engineers	73,000	S	S	S	S	S	S	S	S
Male	73,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Mechanical engineers	90,000	75,000	85,000	95,000	105,000	S	110,000	120,000	S
Male	90,000	75,000	85,000	95,000	109,000	S	118,000	120,000	S
Female	85,000	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	81,000	61,000	70,000	78,000	89,000	95,000	97,000	98,000	102,000
Male	83,000	65,000	70,000	78,000	88,000	95,000	97,000	98,000	102,000
Female	65,000	54,000	70,000	81,000	S	S	S	S	S
Other engineers	85,000	75,000	83,000	95,000	84,000	100,000	110,000	123,000	S
Male	87,000	75,000	84,000	95,000	84,000	102,000	108,000	123,000	S
Female	80,000	72,000	79,000	S	S	S	S	S	S
S&E-related occupations	80,000	50,000	62,000	80,000	90,000	90,000	110,000	116,000	110,000
Male	98,000	61,000	88,000	100,000	118,000	90,000	112,000	120,000	122,000
Female	60,000	50,000	55,000	60,000	72,000	100,000	85,000	90,000	S
Health-related occupations	72,000	50,000	60,000	72,000	77,000	100,000	105,000	115,000	110,000
Male	97,000	52,000	80,000	100,000	113,000	99,000	108,000	126,000	116,000
Female	60,000	50,000	60,000	62,000	72,000	104,000	92,000	80,000	S
S&E managers	120,000	80,000	103,000	113,000	120,000	130,000	130,000	130,000	143,000
Male	124,000	83,000	110,000	120,000	127,000	131,000	130,000	140,000	145,000
Female	100,000	73,000	85,000	98,000	113,000	102,000	S	S	S
S&E precollege teachers	52,000	60,000	55,000	50,000	50,000	42,000	S	S	S
Male	42,000	S	45,000	S	S	S	S	S	S
Female	55,000	S	S	S	S	S	S	S	S
S&E technicians/technologists	62,000	36,000	72,000	62,000	S	S	S	S	S
Male	72,000	46,000	86,000	S	S	S	S	S	S
Female	43,000	S	S	S	S	S	S	S	S
Other S&E-related occupations	90,000	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Non-S&E occupations	85,000	70,000	71,000	70,000	92,000	90,000	120,000	103,000	100,000
Male	90,000	85,000	80,000	80,000	95,000	100,000	120,000	105,000	106,000
Female	68,000	53,000	65,000	63,000	85,000	67,000	124,000	90,000	96,000
Art/humanities/related occupations	70,000	55,000	100,000	10,000	S	S	S	S	S
Male	78,000	S	S	S	S	S	S	S	S
Female	47,000	47,000	S	S	S	S	S	S	S
Management-related occupations	87,000	87,000	105,000	82,000	97,000	70,000	100,000	100,000	S
Male	87,000	87,000	108,000	80,000	97,000	78,000	100,000	144,000	S
Female	80,000	70,000	80,000	84,000	98,000	67,000	S	S	S
Non-S&E managers	115,000	85,000	107,000	105,000	115,000	112,000	145,000	150,000	135,000
Male	120,000	85,000	120,000	110,000	125,000	112,000	143,000	150,000	136,000
Female	100,000	100,000	75,000	100,000	100,000	110,000	165,000	140,000	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003
(Dollars)

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E postsecondary teachers	65,000	50,000	60,000	60,000	74,000	78,000	75,000	84,000	96,000
Male	66,000	52,000	65,000	67,000	80,000	81,000	78,000	84,000	106,000
Female	55,000	47,000	50,000	58,000	70,000	69,000	S	S	S
Non-S&E precollege/other teachers	61,000	S	S	S	S	S	S	S	S
Male	61,000	S	S	S	S	S	S	S	S
Female	59,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	125,000	180,000	100,000	80,000	95,000	110,000	150,000	170,000	S
Male	150,000	180,000	120,000	90,000	95,000	100,000	150,000	170,000	S
Female	75,000	S	S	S	S	S	S	S	S
Social services/related occupations	51,000	36,000	50,000	59,000	60,000	S	S	S	S
Male	51,000	S	50,000	S	S	S	S	S	S
Female	51,000	S	S	S	S	S	S	S	S
Other non-S&E occupations	56,000	50,000	87,000	50,000	61,000	55,000	70,000	62,000	S
Male	56,000	68,000	55,000	54,000	61,000	56,000	70,000	62,000	S
Female	56,000	S	97,000	S	S	S	S	S	S

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/occ03maj.html> for a detailed description of the occupational classification. 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.