

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
All degree levels and fields ^a	60,000	65,000	46,000	65,000	65,000	56,000
Business/industry	66,000	70,000	52,000	70,000	70,000	60,000
4-year college/university	50,000	50,000	56,000	52,000	47,000	49,000
Other educational institution	43,000	42,000	42,000	45,000	43,000	44,000
Government	57,000	60,000	50,000	60,000	55,000	51,000
S&E fields	60,000	65,000	43,000	60,000	66,000	48,000
Business/industry	65,000	70,000	45,000	65,000	70,000	50,000
4-year college/university	47,000	48,000	57,000	48,000	48,000	42,000
Other educational institution	40,000	38,000	38,000	40,000	38,000	40,000
Government	55,000	60,000	45,000	58,000	53,000	46,000
Sciences	52,000	60,000	42,000	54,000	62,000	44,000
Business/industry	58,000	65,000	40,000	58,000	68,000	45,000
4-year college/university	46,000	46,000	55,000	46,000	47,000	41,000
Other educational institution	40,000	38,000	38,000	40,000	38,000	40,000
Government	50,000	56,000	45,000	53,000	51,000	44,000
Biological/agricultural/environmental life sciences	46,000	50,000	43,000	49,000	46,000	43,000
Business/industry	48,000	55,000	45,000	49,000	48,000	42,000
4-year college/university	42,000	40,000	50,000	46,000	44,000	46,000
Other educational institution	39,000	38,000	40,000	41,000	42,000	36,000
Government	50,000	50,000	50,000	52,000	43,000	47,000
Agricultural/food sciences	43,000	50,000	38,000	45,000	40,000	35,000
Business/industry	43,000	51,000	30,000	44,000	41,000	35,000
4-year college/university	43,000	40,000	60,000	43,000	S	40,000
Other educational institution	34,000	S	34,000	S	S	S
Government	49,000	58,000	S	50,000	31,000	44,000
Biological sciences	48,000	50,000	44,000	50,000	48,000	46,000
Business/industry	50,000	56,000	47,000	51,000	48,000	45,000
4-year college/university	42,000	40,000	50,000	46,000	44,000	46,000
Other educational institution	40,000	39,000	40,000	41,000	47,000	39,000
Government	50,000	50,000	50,000	52,000	43,000	50,000
Environmental life sciences	45,000	45,000	37,000	51,000	42,000	40,000
Business/industry	48,000	45,000	S	50,000	49,000	42,000
4-year college/university	40,000	38,000	40,000	51,000	S	60,000
Other educational institution	35,000	S	35,000	S	S	S
Government	45,000	51,000	S	53,000	42,000	36,000
Computer/mathematical sciences	68,000	70,000	42,000	70,000	71,000	55,000
Business/industry	73,000	75,000	51,000	75,000	75,000	60,000
4-year college/university	53,000	60,000	56,000	49,000	52,000	50,000
Other educational institution	39,000	38,000	38,000	36,000	42,000	36,000
Government	60,000	63,000	40,000	61,000	62,000	45,000
Computer/information sciences	70,000	71,000	48,000	74,000	70,000	55,000
Business/industry	74,000	74,000	51,000	76,000	75,000	58,000
4-year college/university	53,000	62,000	65,000	50,000	52,000	43,000
Other educational institution	40,000	38,000	40,000	40,000	42,000	S
Government	59,000	66,000	S	62,000	62,000	45,000
Mathematical sciences	60,000	65,000	42,000	62,000	72,000	55,000
Business/industry	70,000	76,000	48,000	70,000	78,000	60,000
4-year college/university	51,000	53,000	54,000	49,000	50,000	50,000
Other educational institution	38,000	39,000	38,000	35,000	42,000	35,000
Government	60,000	60,000	S	60,000	65,000	43,000
Physical/related sciences	62,000	66,000	48,000	69,000	65,000	52,000
Business/industry	70,000	75,000	52,000	72,000	70,000	56,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
4-year college/university	50,000	49,000	60,000	62,000	55,000	45,000
Other educational institution	42,000	41,000	42,000	45,000	15,000	35,000
Government	58,000	65,000	23,000	60,000	54,000	48,000
Chemistry, except biochemistry	60,000	64,000	49,000	68,000	60,000	56,000
Business/industry	66,000	70,000	40,000	70,000	63,000	59,000
4-year college/university	44,000	38,000	52,000	50,000	32,000	47,000
Other educational institution	45,000	41,000	48,000	42,000	S	S
Government	62,000	66,000	S	67,000	48,000	54,000
Earth/atmospheric/ocean sciences	58,000	60,000	52,000	62,000	53,000	49,000
Business/industry	63,000	65,000	S	65,000	60,000	50,000
4-year college/university	54,000	55,000	62,000	55,000	43,000	S
Other educational institution	45,000	60,000	42,000	51,000	S	S
Government	54,000	57,000	S	58,000	50,000	46,000
Physics/astronomy	75,000	80,000	48,000	90,000	75,000	60,000
Business/industry	84,000	86,000	S	95,000	80,000	69,000
4-year college/university	58,000	57,000	63,000	72,000	52,000	52,000
Other educational institution	36,000	S	31,000	46,000	S	S
Government	90,000	100,000	S	90,000	92,000	42,000
Other physical sciences	50,000	50,000	30,000	52,000	69,000	35,000
Business/industry	50,000	69,000	S	50,000	S	37,000
4-year college/university	46,000	40,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	51,000	50,000	S	51,000	S	S
Social/related sciences	48,000	52,000	40,000	50,000	48,000	42,000
Business/industry	50,000	55,000	35,000	51,000	55,000	42,000
4-year college/university	46,000	52,000	54,000	44,000	39,000	37,000
Other educational institution	39,000	38,000	37,000	40,000	32,000	41,000
Government	49,000	55,000	44,000	51,000	44,000	43,000
Economics	63,000	64,000	50,000	69,000	65,000	60,000
Business/industry	65,000	60,000	52,000	70,000	65,000	60,000
4-year college/university	67,000	72,000	70,000	60,000	S	38,000
Other educational institution	40,000	S	40,000	48,000	S	S
Government	60,000	70,000	S	62,000	63,000	50,000
Political/related sciences	55,000	60,000	40,000	60,000	48,000	50,000
Business/industry	60,000	60,000	58,000	62,000	53,000	52,000
4-year college/university	48,000	53,000	53,000	44,000	S	35,000
Other educational institution	32,000	38,000	32,000	35,000	S	S
Government	57,000	67,000	S	60,000	40,000	50,000
Psychology	43,000	49,000	40,000	45,000	48,000	40,000
Business/industry	44,000	54,000	35,000	45,000	57,000	40,000
4-year college/university	45,000	48,000	58,000	44,000	33,000	38,000
Other educational institution	41,000	40,000	38,000	43,000	40,000	46,000
Government	42,000	50,000	38,000	45,000	45,000	40,000
Sociology/anthropology	40,000	45,000	35,000	42,000	42,000	35,000
Business/industry	40,000	45,000	31,000	40,000	45,000	32,000
4-year college/university	40,000	48,000	45,000	40,000	33,000	34,000
Other educational institution	32,000	35,000	34,000	27,000	S	24,000
Government	45,000	53,000	45,000	50,000	45,000	42,000
Other social sciences	44,000	45,000	42,000	48,000	40,000	35,000
Business/industry	45,000	46,000	48,000	48,000	50,000	35,000
4-year college/university	45,000	51,000	52,000	45,000	57,000	33,000
Other educational institution	37,000	34,000	38,000	44,000	S	32,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Government	47,000	43,000	S	51,000	37,000	42,000
Engineering	75,000	75,000	60,000	80,000	75,000	69,000
Business/industry	77,000	76,000	65,000	80,000	76,000	70,000
4-year college/university	60,000	62,000	70,000	70,000	50,000	45,000
Other educational institution	40,000	40,000	37,000	49,000	S	S
Government	70,000	70,000	70,000	72,000	60,000	68,000
Aerospace/related engineering	75,000	74,000	53,000	84,000	73,000	65,000
Business/industry	78,000	72,000	S	86,000	79,000	65,000
4-year college/university	45,000	63,000	70,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	70,000	75,000	S	70,000	65,000	78,000
Chemical engineering	80,000	75,000	40,000	85,000	75,000	76,000
Business/industry	84,000	80,000	S	87,000	76,000	80,000
4-year college/university	34,000	32,000	70,000	68,000	S	S
Other educational institution	S	S	S	S	S	S
Government	66,000	67,000	S	67,000	S	70,000
Civil/architectural engineering	70,000	63,000	57,000	73,000	60,000	68,000
Business/industry	70,000	65,000	S	75,000	58,000	67,000
4-year college/university	65,000	62,000	72,000	65,000	S	S
Other educational institution	37,000	S	S	S	S	S
Government	67,000	63,000	S	70,000	60,000	69,000
Electrical/computer engineering	80,000	80,000	59,000	85,000	80,000	68,000
Business/industry	80,000	82,000	72,000	86,000	80,000	70,000
4-year college/university	62,000	65,000	65,000	70,000	62,000	45,000
Other educational institution	40,000	S	40,000	S	S	S
Government	72,000	76,000	S	75,000	67,000	60,000
Industrial engineering	73,000	69,000	54,000	75,000	75,000	65,000
Business/industry	75,000	69,000	S	80,000	80,000	65,000
4-year college/university	66,000	65,000	72,000	100,000	S	S
Other educational institution	S	S	S	S	S	S
Government	60,000	69,000	S	54,000	S	S
Mechanical engineering	75,000	74,000	67,000	80,000	72,000	70,000
Business/industry	75,000	74,000	65,000	79,000	72,000	75,000
4-year college/university	72,000	76,000	70,000	82,000	79,000	S
Other educational institution	40,000	S	S	S	S	S
Government	79,000	80,000	S	82,000	62,000	61,000
Other engineering	70,000	74,000	61,000	70,000	70,000	65,000
Business/industry	72,000	75,000	30,000	72,000	70,000	67,000
4-year college/university	60,000	60,000	77,000	70,000	49,000	55,000
Other educational institution	49,000	S	36,000	S	S	S
Government	65,000	65,000	S	65,000	57,000	69,000
S&E-related fields	60,000	60,000	50,000	65,000	59,000	63,000
Business/industry	66,000	65,000	56,000	70,000	62,000	70,000
4-year college/university	56,000	55,000	60,000	62,000	50,000	55,000
Other educational institution	44,000	45,000	43,000	47,000	50,000	41,000
Government	58,000	59,000	56,000	60,000	55,000	57,000
Health	62,000	60,000	55,000	68,000	54,000	65,000
Business/industry	70,000	67,000	57,000	70,000	59,000	72,000
4-year college/university	58,000	55,000	60,000	62,000	50,000	56,000
Other educational institution	42,000	39,000	42,000	48,000	S	41,000
Government	58,000	58,000	55,000	61,000	50,000	58,000
Science/mathematics teacher education	45,000	50,000	44,000	45,000	52,000	39,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Business/industry	40,000	60,000	S	42,000	51,000	35,000
4-year college/university	46,000	61,000	46,000	S	S	S
Other educational institution	45,000	46,000	44,000	45,000	53,000	36,000
Government	53,000	S	S	54,000	S	S
Technology/technical fields	65,000	67,000	52,000	65,000	66,000	47,000
Business/industry	65,000	70,000	67,000	65,000	68,000	50,000
4-year college/university	51,000	S	S	S	S	S
Other educational institution	48,000	S	48,000	S	S	S
Government	52,000	61,000	S	60,000	65,000	42,000
Other S&E-related fields	60,000	60,000	52,000	65,000	55,000	55,000
Business/industry	62,000	60,000	S	65,000	48,000	58,000
4-year college/university	52,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	65,000	68,000	S	66,000	S	60,000
Non-S&E fields	62,000	64,000	45,000	70,000	63,000	60,000
Business/industry	72,000	71,000	48,000	80,000	69,000	65,000
4-year college/university	48,000	47,000	50,000	50,000	47,000	46,000
Other educational institution	46,000	45,000	44,000	50,000	45,000	50,000
Government	61,000	60,000	52,000	65,000	60,000	58,000
Arts/humanities	55,000	60,000	45,000	57,000	58,000	45,000
Business/industry	60,000	69,000	36,000	60,000	62,000	45,000
4-year college/university	45,000	45,000	45,000	44,000	45,000	44,000
Other educational institution	42,000	36,000	42,000	50,000	S	S
Government	53,000	57,000	S	50,000	59,000	52,000
Education, except science/mathematics teacher education	48,000	50,000	45,000	51,000	51,000	47,000
Business/industry	52,000	55,000	55,000	55,000	53,000	40,000
4-year college/university	51,000	49,000	48,000	60,000	S	48,000
Other educational institution	47,000	49,000	44,000	50,000	49,000	50,000
Government	52,000	50,000	46,000	52,000	54,000	50,000
Management/administration	75,000	75,000	52,000	80,000	70,000	65,000
Business/industry	80,000	80,000	59,000	84,000	74,000	70,000
4-year college/university	54,000	60,000	58,000	61,000	50,000	46,000
Other educational institution	41,000	40,000	40,000	55,000	40,000	S
Government	65,000	65,000	60,000	70,000	65,000	55,000
Sales/marketing	75,000	64,000	50,000	83,000	60,000	63,000
Business/industry	80,000	70,000	S	85,000	62,000	67,000
4-year college/university	45,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social services/related	46,000	48,000	44,000	48,000	51,000	45,000
Business/industry	45,000	48,000	40,000	47,000	49,000	43,000
4-year college/university	45,000	50,000	49,000	42,000	S	47,000
Other educational institution	50,000	S	42,000	40,000	S	52,000
Government	50,000	S	S	56,000	S	49,000
Other non-S&E fields	70,000	61,000	47,000	79,000	57,000	80,000
Business/industry	78,000	68,000	45,000	80,000	60,000	88,000
4-year college/university	46,000	46,000	53,000	46,000	46,000	51,000
Other educational institution	46,000	S	44,000	47,000	S	49,000
Government	69,000	57,000	53,000	75,000	55,000	70,000
Bachelor's degrees, all fields	54,000	60,000	40,000	58,000	60,000	48,000
Business/industry	60,000	65,000	48,000	60,000	65,000	50,000
4-year college/university	42,000	35,000	45,000	44,000	46,000	45,000

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(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other educational institution	36,000	38,000	36,000	36,000	38,000	35,000
Government	51,000	57,000	45,000	54,000	51,000	46,000
S&E fields	55,000	60,000	36,000	58,000	62,000	45,000
Business/industry	60,000	65,000	42,000	60,000	67,000	49,000
4-year college/university	37,000	30,000	35,000	40,000	46,000	38,000
Other educational institution	35,000	36,000	34,000	35,000	33,000	31,000
Government	51,000	56,000	43,000	54,000	50,000	44,000
Sciences	48,000	52,000	35,000	50,000	59,000	42,000
Business/industry	52,000	60,000	39,000	54,000	63,000	43,000
4-year college/university	35,000	30,000	34,000	40,000	45,000	38,000
Other educational institution	35,000	35,000	34,000	35,000	33,000	31,000
Government	48,000	52,000	43,000	50,000	50,000	42,000
Biological/agricultural/environmental life sciences	43,000	44,000	39,000	45,000	45,000	42,000
Business/industry	45,000	50,000	45,000	46,000	47,000	41,000
4-year college/university	34,000	30,000	34,000	39,000	37,000	40,000
Other educational institution	37,000	37,000	37,000	37,000	S	36,000
Government	48,000	48,000	50,000	50,000	43,000	45,000
Agricultural/food sciences	40,000	48,000	31,000	42,000	41,000	35,000
Business/industry	40,000	50,000	S	40,000	44,000	35,000
4-year college/university	32,000	26,000	S	S	S	S
Other educational institution	31,000	S	S	S	S	S
Government	45,000	60,000	S	49,000	S	43,000
Biological sciences	45,000	44,000	40,000	46,000	47,000	43,000
Business/industry	47,000	50,000	47,000	48,000	48,000	42,000
4-year college/university	34,000	30,000	38,000	39,000	37,000	40,000
Other educational institution	38,000	38,000	38,000	38,000	S	S
Government	49,000	48,000	S	50,000	43,000	47,000
Environmental life sciences	44,000	43,000	30,000	51,000	40,000	42,000
Business/industry	48,000	44,000	S	50,000	40,000	48,000
4-year college/university	38,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	44,000	43,000	S	53,000	S	36,000
Computer/mathematical sciences	64,000	65,000	36,000	66,000	68,000	50,000
Business/industry	70,000	70,000	48,000	70,000	70,000	58,000
4-year college/university	45,000	53,000	S	45,000	49,000	S
Other educational institution	35,000	35,000	35,000	35,000	41,000	35,000
Government	55,000	60,000	S	59,000	60,000	45,000
Computer/information sciences	66,000	68,000	39,000	70,000	68,000	50,000
Business/industry	70,000	70,000	50,000	73,000	70,000	58,000
4-year college/university	47,000	55,000	S	45,000	52,000	S
Other educational institution	38,000	35,000	34,000	35,000	43,000	S
Government	55,000	63,000	S	55,000	57,000	45,000
Mathematical sciences	58,000	60,000	35,000	60,000	70,000	54,000
Business/industry	65,000	70,000	48,000	63,000	74,000	55,000
4-year college/university	45,000	42,000	S	45,000	41,000	S
Other educational institution	35,000	36,000	35,000	35,000	38,000	S
Government	60,000	60,000	S	60,000	65,000	42,000
Physical/related sciences	52,000	54,000	39,000	60,000	55,000	47,000
Business/industry	60,000	64,000	44,000	68,000	68,000	50,000
4-year college/university	33,000	22,000	25,000	46,000	43,000	44,000
Other educational institution	36,000	39,000	35,000	42,000	S	S
Government	50,000	55,000	S	52,000	50,000	45,000

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(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Chemistry, except biochemistry	52,000	50,000	40,000	60,000	52,000	52,000
Business/industry	57,000	57,000	S	65,000	60,000	52,000
4-year college/university	25,000	21,000	44,000	S	S	S
Other educational institution	41,000	S	42,000	42,000	S	S
Government	60,000	66,000	S	67,000	S	54,000
Earth/atmospheric/ocean sciences	50,000	52,000	42,000	54,000	38,000	45,000
Business/industry	55,000	54,000	S	63,000	36,000	50,000
4-year college/university	40,000	43,000	S	S	S	S
Other educational institution	34,000	S	32,000	42,000	S	S
Government	48,000	50,000	S	49,000	38,000	42,000
Physics/astronomy	69,000	75,000	20,000	75,000	73,000	55,000
Business/industry	75,000	80,000	S	80,000	75,000	69,000
4-year college/university	24,000	21,000	S	S	25,000	50,000
Other educational institution	23,000	S	15,000	S	S	S
Government	55,000	S	S	48,000	S	S
Other physical sciences	45,000	44,000	S	50,000	69,000	35,000
Business/industry	40,000	68,000	S	43,000	S	37,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	50,000	S	S	S	S	S
Social/related sciences	45,000	48,000	33,000	48,000	47,000	40,000
Business/industry	48,000	50,000	32,000	50,000	52,000	40,000
4-year college/university	34,000	30,000	29,000	38,000	36,000	33,000
Other educational institution	32,000	35,000	32,000	34,000	29,000	30,000
Government	45,000	52,000	38,000	49,000	43,000	42,000
Economics	60,000	60,000	42,000	65,000	60,000	55,000
Business/industry	61,000	60,000	S	65,000	60,000	60,000
4-year college/university	50,000	S	S	S	S	S
Other educational institution	39,000	S	36,000	S	S	S
Government	56,000	55,000	S	60,000	63,000	45,000
Political/related sciences	53,000	60,000	32,000	56,000	48,000	50,000
Business/industry	58,000	60,000	45,000	61,000	52,000	50,000
4-year college/university	42,000	S	S	42,000	S	S
Other educational institution	32,000	S	31,000	31,000	S	S
Government	51,000	64,000	S	52,000	40,000	48,000
Psychology	39,000	42,000	32,000	42,000	50,000	35,000
Business/industry	42,000	49,000	28,000	43,000	57,000	35,000
4-year college/university	31,000	30,000	S	38,000	S	30,000
Other educational institution	33,000	38,000	32,000	36,000	S	27,000
Government	40,000	45,000	S	42,000	42,000	37,000
Sociology/anthropology	40,000	40,000	32,000	41,000	42,000	35,000
Business/industry	39,000	44,000	31,000	40,000	44,000	32,000
4-year college/university	30,000	S	S	30,000	S	34,000
Other educational institution	31,000	35,000	33,000	27,000	S	23,000
Government	45,000	48,000	45,000	50,000	45,000	42,000
Other social sciences	40,000	40,000	34,000	47,000	38,000	35,000
Business/industry	44,000	45,000	48,000	48,000	45,000	34,000
4-year college/university	30,000	S	S	S	S	S
Other educational institution	33,000	29,000	34,000	35,000	S	S
Government	43,000	38,000	S	50,000	37,000	41,000
Engineering	71,000	70,000	50,000	75,000	70,000	65,000
Business/industry	74,000	72,000	60,000	78,000	73,000	67,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
4-year college/university	45,000	39,000	45,000	60,000	49,000	42,000
Other educational institution	39,000	40,000	36,000	49,000	S	S
Government	67,000	66,000	S	70,000	60,000	61,000
Aerospace/related engineering	72,000	68,000	S	78,000	65,000	68,000
Business/industry	75,000	68,000	S	85,000	73,000	65,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	65,000	75,000	S	65,000	S	78,000
Chemical engineering	75,000	68,000	40,000	82,000	65,000	76,000
Business/industry	80,000	72,000	S	85,000	65,000	80,000
4-year college/university	23,000	23,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	67,000	67,000	S	67,000	S	74,000
Civil/architectural engineering	67,000	60,000	50,000	72,000	57,000	65,000
Business/industry	70,000	60,000	S	75,000	55,000	65,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	65,000	61,000	S	67,000	60,000	67,000
Electrical/computer engineering	75,000	76,000	50,000	80,000	75,000	64,000
Business/industry	76,000	78,000	72,000	83,000	76,000	66,000
4-year college/university	51,000	55,000	S	S	S	S
Other educational institution	40,000	S	34,000	S	S	S
Government	67,000	74,000	S	70,000	60,000	57,000
Industrial engineering	70,000	65,000	S	74,000	77,000	60,000
Business/industry	72,000	65,000	S	75,000	81,000	62,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	50,000	S	S	50,000	S	S
Mechanical engineering	73,000	72,000	61,000	78,000	65,000	70,000
Business/industry	73,000	72,000	65,000	78,000	67,000	75,000
4-year college/university	72,000	72,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	76,000	73,000	S	80,000	62,000	61,000
Other engineering	64,000	70,000	30,000	64,000	67,000	60,000
Business/industry	65,000	70,000	S	65,000	70,000	60,000
4-year college/university	36,000	21,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	59,000	50,000	S	63,000	S	59,000
S&E-related fields	52,000	54,000	45,000	57,000	55,000	51,000
Business/industry	55,000	57,000	50,000	60,000	60,000	52,000
4-year college/university	52,000	50,000	53,000	60,000	46,000	52,000
Other educational institution	39,000	39,000	38,000	40,000	50,000	39,000
Government	52,000	56,000	46,000	56,000	50,000	52,000
Health	50,000	50,000	48,000	55,000	50,000	51,000
Business/industry	52,000	50,000	50,000	55,000	52,000	52,000
4-year college/university	52,000	50,000	55,000	60,000	40,000	52,000
Other educational institution	40,000	S	39,000	38,000	S	40,000
Government	50,000	52,000	45,000	56,000	48,000	52,000
Science/mathematics teacher education	40,000	49,000	39,000	41,000	51,000	35,000
Business/industry	40,000	70,000	S	42,000	51,000	40,000
4-year college/university	S	S	S	S	S	S
Other educational institution	38,000	39,000	37,000	40,000	S	S

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Government	53,000	S	S	S	S	S
Technology/technical fields	62,000	65,000	52,000	65,000	65,000	48,000
Business/industry	65,000	65,000	60,000	65,000	65,000	50,000
4-year college/university	51,000	S	S	S	S	S
Other educational institution	40,000	S	S	S	S	S
Government	50,000	60,000	S	52,000	60,000	S
Other S&E-related fields	60,000	58,000	S	64,000	50,000	55,000
Business/industry	60,000	59,000	S	65,000	40,000	55,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	62,000	S	S	65,000	S	S
Non-S&E fields	51,000	60,000	39,000	58,000	60,000	44,000
Business/industry	60,000	65,000	48,000	63,000	63,000	45,000
4-year college/university	40,000	39,000	S	42,000	47,000	40,000
Other educational institution	38,000	38,000	38,000	36,000	42,000	36,000
Government	52,000	60,000	42,000	53,000	57,000	41,000
Arts/humanities	53,000	60,000	38,000	56,000	60,000	44,000
Business/industry	60,000	65,000	S	62,000	62,000	45,000
4-year college/university	40,000	S	S	40,000	S	S
Other educational institution	38,000	S	38,000	35,000	S	S
Government	55,000	62,000	S	50,000	59,000	52,000
Education, except science/mathematics teacher education	40,000	45,000	39,000	40,000	48,000	41,000
Business/industry	48,000	54,000	S	54,000	53,000	42,000
4-year college/university	S	S	S	S	S	S
Other educational institution	38,000	38,000	38,000	35,000	44,000	39,000
Government	41,000	S	S	40,000	S	40,000
Management/administration	62,000	66,000	42,000	67,000	67,000	46,000
Business/industry	65,000	68,000	54,000	70,000	69,000	50,000
4-year college/university	47,000	S	S	50,000	50,000	S
Other educational institution	33,000	S	33,000	S	S	S
Government	57,000	60,000	S	60,000	60,000	38,000
Sales/marketing	55,000	60,000	S	60,000	50,000	52,000
Business/industry	60,000	55,000	S	62,000	55,000	52,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social services/related	43,000	51,000	S	42,000	46,000	40,000
Business/industry	45,000	60,000	S	42,000	47,000	42,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	35,000	S	S	S	S	S
Other non-S&E fields	48,000	48,000	40,000	50,000	50,000	40,000
Business/industry	50,000	52,000	S	50,000	50,000	40,000
4-year college/university	36,000	S	S	S	S	S
Other educational institution	40,000	S	40,000	S	S	S
Government	52,000	53,000	S	54,000	60,000	50,000
Master's degrees, all fields	63,000	70,000	48,000	70,000	72,000	54,000
Business/industry	75,000	77,000	54,000	80,000	79,000	58,000
4-year college/university	45,000	40,000	45,000	49,000	47,000	48,000
Other educational institution	50,000	48,000	48,000	52,000	50,000	49,000
Government	63,000	65,000	56,000	67,000	63,000	54,000
S&E fields	67,000	72,000	48,000	70,000	75,000	51,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Business/industry	75,000	78,000	47,000	77,000	80,000	55,000
4-year college/university	40,000	35,000	43,000	49,000	47,000	39,000
Other educational institution	51,000	45,000	51,000	55,000	43,000	50,000
Government	63,000	68,000	50,000	68,000	60,000	53,000
Sciences	60,000	65,000	48,000	65,000	72,000	47,000
Business/industry	70,000	75,000	45,000	70,000	80,000	46,000
4-year college/university	40,000	35,000	40,000	47,000	47,000	39,000
Other educational institution	51,000	46,000	52,000	55,000	43,000	50,000
Government	58,000	62,000	48,000	63,000	60,000	50,000
Biological/agricultural/environmental life sciences	49,000	50,000	44,000	53,000	47,000	46,000
Business/industry	52,000	60,000	38,000	55,000	52,000	40,000
4-year college/university	38,000	32,000	42,000	42,000	S	56,000
Other educational institution	50,000	48,000	49,000	63,000	S	S
Government	50,000	51,000	S	50,000	42,000	50,000
Agricultural/food sciences	50,000	51,000	40,000	54,000	S	38,000
Business/industry	56,000	58,000	S	65,000	S	32,000
4-year college/university	42,000	40,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	49,000	S	S	S	S	S
Biological sciences	50,000	50,000	44,000	53,000	47,000	50,000
Business/industry	52,000	60,000	42,000	53,000	52,000	50,000
4-year college/university	37,000	31,000	43,000	46,000	S	50,000
Other educational institution	52,000	S	50,000	63,000	S	S
Government	53,000	50,000	S	54,000	S	56,000
Environmental life sciences	45,000	54,000	S	43,000	60,000	35,000
Business/industry	45,000	58,000	S	51,000	S	S
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	45,000	60,000	S	42,000	S	S
Computer/mathematical sciences	78,000	80,000	50,000	82,000	80,000	64,000
Business/industry	82,000	82,000	S	85,000	82,000	69,000
4-year college/university	50,000	47,000	45,000	50,000	60,000	S
Other educational institution	50,000	42,000	50,000	50,000	42,000	S
Government	75,000	72,000	S	82,000	76,000	S
Computer/information sciences	80,000	80,000	51,000	85,000	80,000	63,000
Business/industry	82,000	80,000	S	85,000	82,000	60,000
4-year college/university	58,000	58,000	S	58,000	60,000	S
Other educational institution	48,000	S	50,000	S	S	S
Government	80,000	74,000	S	90,000	80,000	S
Mathematical sciences	70,000	80,000	50,000	76,000	75,000	72,000
Business/industry	84,000	86,000	S	90,000	82,000	80,000
4-year college/university	49,000	42,000	42,000	49,000	50,000	S
Other educational institution	50,000	S	50,000	50,000	S	S
Government	65,000	65,000	S	70,000	S	S
Physical/related sciences	64,000	65,000	51,000	68,000	65,000	59,000
Business/industry	70,000	71,000	S	70,000	72,000	60,000
4-year college/university	28,000	22,000	38,000	S	51,000	S
Other educational institution	53,000	S	52,000	60,000	S	S
Government	65,000	63,000	S	65,000	58,000	56,000
Chemistry, except biochemistry	60,000	62,000	53,000	65,000	57,000	55,000
Business/industry	66,000	65,000	S	70,000	55,000	66,000
4-year college/university	20,000	20,000	S	S	S	S

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other educational institution	53,000	S	53,000	S	S	S
Government	52,000	S	S	S	S	S
Earth/atmospheric/ocean sciences	64,000	65,000	60,000	66,000	63,000	65,000
Business/industry	68,000	70,000	S	68,000	70,000	60,000
4-year college/university	40,000	35,000	S	S	S	S
Other educational institution	60,000	S	60,000	S	S	S
Government	65,000	65,000	S	66,000	S	S
Physics/astronomy	70,000	75,000	44,000	100,000	80,000	30,000
Business/industry	80,000	80,000	S	110,000	90,000	S
4-year college/university	31,000	21,000	S	S	S	S
Other educational institution	44,000	S	S	S	S	S
Government	S	S	S	S	S	S
Other physical sciences	65,000	S	S	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social/related sciences	50,000	52,000	49,000	60,000	54,000	45,000
Business/industry	52,000	63,000	42,000	60,000	70,000	42,000
4-year college/university	39,000	38,000	38,000	45,000	34,000	34,000
Other educational institution	52,000	46,000	52,000	54,000	45,000	50,000
Government	57,000	70,000	50,000	62,000	50,000	48,000
Economics	73,000	70,000	45,000	85,000	73,000	60,000
Business/industry	77,000	71,000	S	88,000	77,000	69,000
4-year college/university	52,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	70,000	S	S	82,000	S	S
Political/related sciences	70,000	60,000	55,000	74,000	52,000	73,000
Business/industry	69,000	65,000	S	74,000	65,000	65,000
4-year college/university	S	S	S	S	S	S
Other educational institution	52,000	S	48,000	S	S	S
Government	75,000	70,000	S	82,000	S	90,000
Psychology	48,000	50,000	49,000	50,000	44,000	43,000
Business/industry	45,000	60,000	42,000	48,000	44,000	40,000
4-year college/university	38,000	30,000	45,000	45,000	S	35,000
Other educational institution	52,000	50,000	54,000	52,000	S	50,000
Government	48,000	69,000	S	57,000	S	45,000
Sociology/anthropology	43,000	52,000	38,000	50,000	42,000	43,000
Business/industry	50,000	63,000	S	47,000	S	50,000
4-year college/university	33,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	44,000	65,000	S	49,000	S	42,000
Other social sciences	52,000	50,000	54,000	55,000	60,000	39,000
Business/industry	53,000	60,000	S	55,000	S	33,000
4-year college/university	44,000	S	S	45,000	S	S
Other educational institution	54,000	43,000	55,000	S	S	S
Government	60,000	78,000	S	62,000	S	50,000
Engineering	80,000	80,000	60,000	86,000	82,000	78,000
Business/industry	84,000	80,000	S	90,000	84,000	80,000
4-year college/university	46,000	30,000	60,000	63,000	60,000	S
Other educational institution	45,000	S	40,000	S	S	S
Government	75,000	75,000	S	75,000	69,000	79,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Aerospace/related engineering	80,000	80,000	S	95,000	83,000	65,000
Business/industry	81,000	80,000	S	100,000	84,000	S
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	76,000	76,000	S	S	S	S
Chemical engineering	86,000	80,000	S	90,000	90,000	75,000
Business/industry	91,000	87,000	S	97,000	92,000	77,000
4-year college/university	21,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Civil/architectural engineering	73,000	70,000	S	79,000	65,000	75,000
Business/industry	75,000	70,000	S	80,000	67,000	75,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	68,000	65,000	S	75,000	63,000	75,000
Electrical/computer engineering	90,000	89,000	60,000	97,000	87,000	80,000
Business/industry	90,000	90,000	S	98,000	88,000	80,000
4-year college/university	43,000	40,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	84,000	84,000	S	84,000	90,000	S
Industrial engineering	80,000	73,000	S	86,000	75,000	86,000
Business/industry	80,000	74,000	S	90,000	75,000	80,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	79,000	S	S	S	S	S
Mechanical engineering	80,000	76,000	S	85,000	85,000	74,000
Business/industry	79,000	75,000	S	85,000	84,000	79,000
4-year college/university	60,000	68,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	86,000	86,000	S	100,000	S	S
Other engineering	75,000	73,000	S	80,000	69,000	82,000
Business/industry	80,000	75,000	S	82,000	72,000	83,000
4-year college/university	52,000	24,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	71,000	75,000	S	71,000	S	90,000
S&E-related fields	57,000	60,000	52,000	62,000	64,000	57,000
Business/industry	62,000	65,000	62,000	68,000	66,000	60,000
4-year college/university	59,000	50,000	58,000	61,000	S	62,000
Other educational institution	49,000	47,000	48,000	50,000	52,000	43,000
Government	62,000	61,000	65,000	65,000	69,000	58,000
Health	58,000	57,000	54,000	62,000	65,000	58,000
Business/industry	61,000	62,000	62,000	65,000	65,000	60,000
4-year college/university	61,000	50,000	60,000	62,000	S	63,000
Other educational institution	45,000	47,000	44,000	50,000	S	43,000
Government	60,000	58,000	63,000	64,000	S	58,000
Science/mathematics teacher education	50,000	47,000	50,000	50,000	53,000	42,000
Business/industry	40,000	S	S	S	S	S
4-year college/university	S	S	S	S	S	S
Other educational institution	50,000	48,000	50,000	50,000	53,000	S
Government	S	S	S	S	S	S
Technology/technical fields	73,000	75,000	S	80,000	75,000	47,000
Business/industry	78,000	77,000	S	85,000	79,000	47,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity					Other
		Research and development	Teaching	Management, sales, administration	Computer applications		
4-year college/university	S	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S	S
Government	S	S	S	S	S	S	S
Other S&E-related fields	60,000	62,000	S	68,000	57,000	65,000	
Business/industry	62,000	60,000	S	69,000	S	80,000	
4-year college/university	S	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S	S
Government	70,000	S	S	75,000	S	56,000	
Non-S&E fields	63,000	70,000	47,000	73,000	68,000	52,000	
Business/industry	78,000	80,000	50,000	84,000	75,000	57,000	
4-year college/university	45,000	45,000	40,000	46,000	46,000	46,000	
Other educational institution	50,000	48,000	48,000	53,000	51,000	50,000	
Government	63,000	62,000	52,000	69,000	63,000	52,000	
Arts/humanities	57,000	59,000	48,000	57,000	52,000	53,000	
Business/industry	62,000	80,000	S	52,000	60,000	50,000	
4-year college/university	45,000	S	45,000	S	S	S	
Other educational institution	53,000	S	50,000	57,000	S	S	
Government	50,000	S	S	S	S	S	
Education, except science/mathematics teacher education	50,000	50,000	46,000	53,000	52,000	49,000	
Business/industry	52,000	55,000	54,000	59,000	55,000	40,000	
4-year college/university	42,000	43,000	35,000	43,000	S	34,000	
Other educational institution	49,000	49,000	47,000	51,000	51,000	50,000	
Government	55,000	60,000	S	55,000	S	55,000	
Management/administration	84,000	80,000	58,000	87,000	75,000	77,000	
Business/industry	87,000	85,000	61,000	90,000	80,000	80,000	
4-year college/university	48,000	39,000	39,000	61,000	53,000	46,000	
Other educational institution	53,000	S	52,000	64,000	S	S	
Government	72,000	75,000	S	75,000	70,000	65,000	
Sales/marketing	89,000	75,000	S	90,000	73,000	83,000	
Business/industry	90,000	85,000	S	90,000	78,000	83,000	
4-year college/university	S	S	S	S	S	S	
Other educational institution	S	S	S	S	S	S	
Government	S	S	S	S	S	S	
Social services/related	47,000	48,000	44,000	49,000	57,000	45,000	
Business/industry	45,000	48,000	40,000	47,000	57,000	44,000	
4-year college/university	42,000	S	S	S	S	S	
Other educational institution	50,000	S	50,000	S	S	52,000	
Government	50,000	S	S	56,000	S	49,000	
Other non-S&E fields	60,000	65,000	50,000	68,000	55,000	50,000	
Business/industry	63,000	70,000	S	68,000	63,000	55,000	
4-year college/university	42,000	S	46,000	40,000	S	S	
Other educational institution	50,000	S	52,000	S	S	S	
Government	69,000	65,000	S	75,000	55,000	51,000	
Doctorate degrees, all fields	77,000	78,000	63,000	89,000	80,000	72,000	
Business/industry	95,000	96,000	68,000	100,000	90,000	80,000	
4-year college/university	65,000	65,000	65,000	77,000	60,000	64,000	
Other educational institution	61,000	60,000	55,000	77,000	55,000	60,000	
Government	80,000	82,000	91,000	82,000	76,000	72,000	
S&E fields	80,000	80,000	65,000	91,000	83,000	79,000	
Business/industry	97,000	96,000	91,000	103,000	90,000	90,000	
4-year college/university	65,000	65,000	66,000	75,000	60,000	64,000	
Other educational institution	56,000	59,000	51,000	60,000	60,000	61,000	

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Government	82,000	83,000	86,000	87,000	79,000	75,000
Sciences	75,000	75,000	64,000	87,000	80,000	76,000
Business/industry	95,000	95,000	92,000	100,000	90,000	89,000
4-year college/university	63,000	62,000	64,000	74,000	60,000	63,000
Other educational institution	56,000	59,000	52,000	60,000	63,000	61,000
Government	80,000	81,000	84,000	86,000	76,000	75,000
Biological/agricultural/environmental life sciences	72,000	70,000	65,000	84,000	65,000	80,000
Business/industry	90,000	90,000	92,000	100,000	75,000	98,000
4-year college/university	60,000	60,000	67,000	72,000	48,000	65,000
Other educational institution	50,000	56,000	48,000	52,000	S	S
Government	75,000	73,000	S	85,000	72,000	79,000
Agricultural/food sciences	72,000	72,000	69,000	75,000	72,000	62,000
Business/industry	82,000	85,000	S	83,000	S	82,000
4-year college/university	65,000	64,000	69,000	70,000	S	61,000
Other educational institution	S	S	S	S	S	S
Government	73,000	75,000	S	78,000	S	S
Biological sciences	72,000	70,000	65,000	85,000	65,000	84,000
Business/industry	93,000	92,000	95,000	100,000	74,000	100,000
4-year college/university	60,000	59,000	67,000	72,000	45,000	65,000
Other educational institution	49,000	58,000	48,000	50,000	S	S
Government	75,000	72,000	S	90,000	70,000	84,000
Environmental life sciences	72,000	72,000	61,000	80,000	S	70,000
Business/industry	89,000	85,000	S	94,000	S	S
4-year college/university	63,000	65,000	61,000	72,000	S	S
Other educational institution	S	S	S	S	S	S
Government	73,000	72,000	S	75,000	S	S
Computer/mathematical sciences	80,000	82,000	64,000	110,000	87,000	68,000
Business/industry	110,000	110,000	S	120,000	100,000	69,000
4-year college/university	65,000	66,000	64,000	80,000	60,000	60,000
Other educational institution	68,000	S	61,000	S	S	S
Government	86,000	86,000	S	103,000	75,000	S
Computer/information sciences	95,000	94,000	77,000	115,000	101,000	*
Business/industry	115,000	116,000	S	120,000	108,000	S
4-year college/university	76,000	77,000	77,000	100,000	60,000	S
Other educational institution	S	S	S	S	S	S
Government	94,000	S	S	S	S	S
Mathematical sciences	74,000	74,000	60,000	100,000	80,000	75,000
Business/industry	100,000	100,000	S	116,000	90,000	100,000
4-year college/university	62,000	62,000	60,000	75,000	60,000	58,000
Other educational institution	68,000	S	S	S	S	S
Government	85,000	85,000	S	124,000	71,000	S
Physical/related sciences	85,000	85,000	64,000	100,000	80,000	82,000
Business/industry	97,000	95,000	200,000	108,000	89,000	87,000
4-year college/university	64,000	63,000	64,000	80,000	60,000	67,000
Other educational institution	53,000	51,000	52,000	60,000	S	S
Government	93,000	99,000	S	100,000	86,000	80,000
Chemistry, except biochemistry	85,000	85,000	60,000	100,000	77,000	82,000
Business/industry	95,000	95,000	104,000	105,000	85,000	84,000
4-year college/university	62,000	60,000	62,000	75,000	63,000	72,000
Other educational institution	53,000	S	53,000	55,000	S	S
Government	83,000	89,000	S	90,000	S	80,000
Earth/atmospheric/ocean sciences	75,000	74,000	62,000	87,000	73,000	65,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Business/industry	88,000	88,000	S	90,000	90,000	80,000
4-year college/university	64,000	64,000	62,000	83,000	55,000	S
Other educational institution	S	S	S	S	S	S
Government	85,000	90,000	S	86,000	85,000	S
Physics/astronomy	89,000	90,000	65,000	108,000	84,000	89,000
Business/industry	100,000	100,000	S	110,000	90,000	100,000
4-year college/university	68,000	67,000	68,000	94,000	63,000	70,000
Other educational institution	51,000	S	51,000	S	S	S
Government	105,000	105,000	S	115,000	100,000	97,000
Other physical sciences	70,000	50,000	S	565,000	S	S
Business/industry	110,000	50,000	S	S	S	S
4-year college/university	37,000	37,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social/related sciences	71,000	70,000	62,000	80,000	75,000	73,000
Business/industry	88,000	90,000	75,000	90,000	88,000	85,000
4-year college/university	65,000	65,000	63,000	72,000	62,000	61,000
Other educational institution	60,000	64,000	54,000	60,000	S	63,000
Government	77,000	80,000	80,000	81,000	70,000	72,000
Economics	95,000	90,000	79,000	122,000	82,000	110,000
Business/industry	132,000	130,000	S	144,000	85,000	150,000
4-year college/university	80,000	80,000	79,000	107,000	S	72,000
Other educational institution	S	S	S	S	S	S
Government	96,000	100,000	S	112,000	S	96,000
Political/related sciences	63,000	60,000	57,000	75,000	68,000	79,000
Business/industry	82,000	60,000	S	84,000	S	100,000
4-year college/university	60,000	59,000	59,000	75,000	S	60,000
Other educational institution	48,000	S	S	S	S	S
Government	85,000	73,000	S	92,000	S	102,000
Psychology	71,000	70,000	63,000	75,000	80,000	73,000
Business/industry	83,000	86,000	80,000	81,000	90,000	80,000
4-year college/university	63,000	65,000	62,000	66,000	S	62,000
Other educational institution	64,000	67,000	56,000	70,000	S	65,000
Government	73,000	78,000	79,000	76,000	S	72,000
Sociology/anthropology	62,000	62,000	58,000	72,000	64,000	60,000
Business/industry	67,000	63,000	S	86,000	S	60,000
4-year college/university	60,000	60,000	58,000	68,000	S	55,000
Other educational institution	52,000	S	S	S	S	S
Government	73,000	73,000	S	75,000	S	S
Other social sciences	68,000	66,000	61,000	78,000	73,000	65,000
Business/industry	90,000	95,000	S	100,000	89,000	70,000
4-year college/university	63,000	61,000	62,000	72,000	S	55,000
Other educational institution	60,000	S	60,000	S	S	S
Government	75,000	71,000	S	75,000	S	S
Engineering	94,000	92,000	80,000	105,000	90,000	94,000
Business/industry	100,000	100,000	90,000	110,000	94,000	100,000
4-year college/university	80,000	80,000	80,000	93,000	67,000	80,000
Other educational institution	48,000	S	48,000	S	S	S
Government	89,000	89,000	S	91,000	88,000	75,000
Aerospace/related engineering	85,000	78,000	85,000	106,000	94,000	S
Business/industry	83,000	78,000	S	110,000	S	S
4-year college/university	77,000	72,000	81,000	S	S	S

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other educational institution	S	S	S	S	S	S
Government	96,000	88,000	S	S	S	S
Chemical engineering	95,000	94,000	80,000	105,000	95,000	84,000
Business/industry	100,000	96,000	S	111,000	95,000	100,000
4-year college/university	81,000	86,000	84,000	75,000	S	S
Other educational institution	S	S	S	S	S	S
Government	54,000	78,000	S	S	S	S
Civil/architectural engineering	81,000	80,000	78,000	93,000	84,000	76,000
Business/industry	89,000	90,000	S	95,000	90,000	85,000
4-year college/university	76,000	76,000	78,000	85,000	S	S
Other educational institution	S	S	S	S	S	S
Government	81,000	76,000	S	91,000	S	S
Electrical/computer engineering	100,000	100,000	80,000	115,000	100,000	100,000
Business/industry	107,000	106,000	S	120,000	100,000	100,000
4-year college/university	84,000	84,000	83,000	85,000	73,000	S
Other educational institution	S	S	S	S	S	S
Government	95,000	97,000	S	106,000	S	S
Industrial engineering	84,000	80,000	72,000	100,000	85,000	S
Business/industry	94,000	91,000	S	95,000	88,000	S
4-year college/university	79,000	75,000	72,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Mechanical engineering	90,000	89,000	82,000	100,000	85,000	111,000
Business/industry	94,000	90,000	S	103,000	85,000	116,000
4-year college/university	82,000	80,000	84,000	92,000	S	S
Other educational institution	S	S	S	S	S	S
Government	95,000	95,000	S	S	S	S
Other engineering	90,000	88,000	81,000	109,000	86,000	89,000
Business/industry	96,000	95,000	S	110,000	87,000	94,000
4-year college/university	82,000	80,000	81,000	110,000	55,000	83,000
Other educational institution	S	S	S	S	S	S
Government	89,000	88,000	S	100,000	90,000	S
S&E-related fields	72,000	79,000	65,000	81,000	81,000	70,000
Business/industry	90,000	101,000	S	90,000	85,000	60,000
4-year college/university	65,000	65,000	65,000	74,000	S	60,000
Other educational institution	55,000	S	S	S	S	S
Government	72,000	81,000	S	72,000	S	72,000
Health	72,000	74,000	65,000	74,000	80,000	71,000
Business/industry	80,000	100,000	S	81,000	S	60,000
4-year college/university	69,000	68,000	65,000	77,000	S	60,000
Other educational institution	56,000	S	S	S	S	S
Government	72,000	81,000	S	72,000	S	72,000
Science/mathematics teacher education	61,000	62,000	61,000	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	63,000	65,000	62,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Technology/technical fields	100,000	S	S	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003

(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity					Other
		Research and development	Teaching	Management, sales, administration	Computer applications		
Other S&E-related fields	S	S	S	S	S	S	S
Business/industry	S	S	S	S	S	S	S
4-year college/university	S	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S	S
Government	S	S	S	S	S	S	S
Non-S&E fields	65,000	63,000	58,000	85,000	55,000	63,000	
Business/industry	68,000	75,000	S	75,000	S	55,000	
4-year college/university	65,000	65,000	60,000	87,000	S	68,000	
Other educational institution	61,000	S	55,000	90,000	S	60,000	
Government	71,000	S	S	S	S	S	
Arts/humanities	62,000	59,000	54,000	64,000	S	S	
Business/industry	S	S	S	S	S	S	
4-year college/university	63,000	62,000	53,000	S	S	S	
Other educational institution	S	S	S	S	S	S	
Government	S	S	S	S	S	S	
Education, except science/mathematics teacher education	65,000	61,000	55,000	89,000	S	68,000	
Business/industry	67,000	S	S	S	S	S	
4-year college/university	67,000	60,000	56,000	87,000	S	98,000	
Other educational institution	63,000	S	55,000	101,000	S	60,000	
Government	S	S	S	S	S	S	
Management/administration	85,000	85,000	85,000	77,000	S	S	
Business/industry	S	S	S	S	S	S	
4-year college/university	90,000	90,000	85,000	S	S	S	
Other educational institution	S	S	S	S	S	S	
Government	S	S	S	S	S	S	
Sales/marketing	S	S	S	S	S	S	
Business/industry	S	S	S	S	S	S	
4-year college/university	S	S	S	S	S	S	
Other educational institution	S	S	S	S	S	S	
Government	S	S	S	S	S	S	
Social services/related	55,000	53,000	50,000	63,000	S	58,000	
Business/industry	63,000	S	S	S	S	S	
4-year college/university	53,000	58,000	53,000	S	S	S	
Other educational institution	S	S	S	S	S	S	
Government	S	S	S	S	S	S	
Other non-S&E fields	71,000	59,000	55,000	97,000	S	55,000	
Business/industry	97,000	S	S	S	S	S	
4-year college/university	60,000	55,000	55,000	S	S	S	
Other educational institution	S	S	S	S	S	S	
Government	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/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. Business/industry includes self-employed individuals, nonprofit organizations, and other unspecified. 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. Government includes federal, military, state, and local employers. Salaries are for principal job and rounded to the nearest thousand. Respondents may have provided multiple responses for work activity.

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