

Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹						
All occupations, total²	\$50,000	\$54,000	\$40,000	\$52,000	\$50,000	\$47,000
Male	55,000	58,200	46,000	59,000	54,600	53,000
Female	39,000	42,000	35,000	40,000	41,000	38,000
S&E occupations, total	55,000	56,000	50,000	57,600	55,000	52,000
Male	58,000	60,000	52,000	60,000	56,500	55,500
Female	47,000	46,000	40,000	50,000	50,000	42,300
Scientists, total	52,000	53,000	48,000	54,000	55,000	47,500
Male	55,000	56,000	50,500	57,000	56,000	50,000
Female	45,000	44,000	40,000	48,000	50,000	40,000
Computer/math sci, total	56,000	59,000	48,000	58,000	55,000	56,300
Male	58,200	60,000	50,000	60,000	57,000	59,000
Female	51,000	53,000	40,000	52,000	51,000	50,900
Computer/information scientists	56,000	60,000	50,000	58,000	55,000	57,000
Male	58,700	60,000	50,500	60,000	57,200	59,000
Female	52,000	54,000	45,700	52,900	51,500	52,000
Mathematical scientists	59,800	56,000	56,000	60,000	55,400	60,000
Male	61,000	61,000	S	61,000	60,000	68,500
Female	50,000	41,600	S	58,000	44,000	42,000
Postsecondary teachers- computer math sci	45,000	51,000	45,000	43,500	43,000	47,000
Male	49,500	53,500	48,400	45,000	45,000	48,400
Female	38,000	40,000	38,000	38,000	42,900	26,000
Life/related scientists, total	44,000	44,000	50,000	47,000	40,000	45,000
Male	48,500	49,000	53,000	50,000	41,000	49,000
Female	37,000	36,000	41,000	41,000	34,500	40,000
Agricultural/food scientists	41,000	45,000	46,400	41,400	42,000	36,000
Male	45,000	49,300	S	45,000	43,000	40,000
Female	34,500	33,000	S	35,000	S	35,000
Biological scientists	41,000	40,000	36,000	48,900	37,000	46,000
Male	45,000	44,000	35,000	54,000	38,000	52,000
Female	37,000	35,900	36,000	45,000	36,000	40,000
Environmental life scientists	45,000	48,000	S	46,400	38,000	47,000
Male	47,000	48,000	S	48,000	40,300	48,000
Female	35,000	S	S	S	S	S
Postsecondary teachers- life/related sciences	52,000	57,000	50,000	49,900	45,600	65,000
Male	56,000	60,000	54,000	52,000	55,000	90,000
Female	42,000	48,000	42,000	42,500	35,000	49,600
Physical/related scientists, total ...	50,000	52,000	50,000	52,000	45,000	45,000
Male	52,000	55,000	51,000	54,000	46,500	45,000
Female	41,000	40,000	38,000	48,000	37,000	43,000

See explanatory information, if any, and SOURCE at end of table.

Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹ — continued						
Chemistry, except biochemistry	\$48,500	\$51,000	\$45,000	\$50,000	\$38,500	\$40,900
Male	52,000	55,000	40,000	54,000	42,000	42,000
Female	40,000	40,000	S	42,000	36,000	37,700
Earth scientists/geologists/ oceanographers	50,000	51,000	50,000	53,000	47,600	48,000
Male	52,000	53,000	S	53,000	50,000	47,000
Female	46,500	46,000	S	52,000	40,000	59,000
Physicists/astronomers	63,000	64,000	37,000	70,000	56,000	65,000
Male	65,000	65,000	32,000	75,000	56,000	65,000
Female	50,000	57,000	S	51,000	48,000	S
Other physical/related scientists	45,000	36,000	S	50,000	35,000	50,000
Male	45,000	39,500	S	47,200	35,000	50,000
Female	46,000	32,900	S	52,000	S	52,000
Postsecondary teachers- physical/related sci	50,000	52,500	50,000	51,800	43,000	48,500
Male	52,000	55,000	52,000	51,800	45,000	51,000
Female	37,500	36,000	38,000	50,000	S	40,000
Social/related scientists, total	45,000	47,000	45,000	48,000	42,000	43,000
Male	50,000	53,000	50,000	54,500	45,000	50,000
Female	38,000	40,000	38,500	40,000	38,000	37,000
Economists	57,000	57,000	72,000	58,200	48,000	63,000
Male	62,500	62,500	S	62,500	56,000	65,000
Female	46,400	45,000	S	52,000	45,000	59,500
Political/related scientists	32,000	30,000	S	30,000	S	36,000
Male	30,000	30,000	S	30,000	S	S
Female	36,000	S	S	S	S	S
Psychologists	40,000	35,000	36,000	40,000	43,000	40,000
Male	47,000	44,000	50,000	49,400	44,000	48,000
Female	36,000	31,000	34,000	36,000	43,000	36,000
Sociologists/anthropologists	30,000	28,100	25,000	40,000	30,000	29,000
Male	33,000	32,000	S	48,000	S	26,000
Female	25,800	21,600	S	27,000	S	38,000
Other social/related scientists	50,000	52,000	S	53,500	30,000	37,000
Male	57,600	65,000	S	80,100	S	S
Female	46,900	51,000	S	51,000	S	S
Postsecondary teachers- social/related sci	49,000	50,000	48,000	56,000	42,000	48,000
Male	52,000	53,200	50,800	58,800	42,000	50,000
Female	42,000	43,000	41,000	49,000	S	41,400
Engineers, total	60,000	60,000	57,800	60,000	56,000	58,000
Male	60,000	60,000	59,000	60,000	58,000	59,600
Female	50,000	51,000	47,000	52,000	48,000	52,000

See explanatory information, if any, and SOURCE at end of table.

Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹ — continued						
Aerospace/related engineers	\$65,000	\$65,000	S	\$67,700	\$62,400	\$63,000
Male	65,000	65,000	S	68,500	63,000	63,000
Female	55,000	55,000	S	56,200	52,200	S
Chemical engineers	65,000	65,000	S	65,000	62,700	65,000
Male	66,000	67,000	S	67,500	65,000	65,000
Female	52,000	54,000	S	53,000	45,000	53,000
Civil/architectural engineers	53,100	52,000	S	56,000	48,000	54,000
Male	54,600	52,000	S	57,000	49,000	54,900
Female	46,000	46,800	S	50,000	44,000	49,000
Electrical/related engineers	61,500	62,000	\$56,000	65,000	60,000	60,000
Male	62,000	62,400	56,000	65,000	60,000	60,100
Female	54,000	55,000	S	56,000	50,000	48,000
Industrial engineers	53,000	52,500	52,000	54,000	52,500	54,000
Male	54,000	53,000	S	54,000	52,800	54,000
Female	52,000	52,000	S	52,000	47,000	52,000
Mechanical engineers	58,000	58,000	67,000	60,000	53,000	60,000
Male	59,200	60,000	S	60,000	54,000	60,000
Female	50,000	49,000	S	53,000	47,000	54,000
Other engineers	59,200	57,000	65,000	60,000	55,000	59,900
Male	60,000	60,000	65,000	60,000	56,000	60,000
Female	50,000	50,000	S	52,000	45,000	54,000
Postsecondary teachers-engineers	60,000	62,700	58,000	60,000	45,000	60,000
Male	60,000	63,000	60,000	60,000	49,000	60,000
Female	47,000	54,000	47,000	60,000	S	S
Non-S&E occupations, total	46,000	48,500	37,000	50,000	43,000	45,000
Male	52,500	55,000	42,000	57,500	49,000	50,000
Female	36,000	38,000	33,800	38,000	35,000	37,000
Managers/administrators	62,000	73,000	50,000	62,300	55,000	58,000
Male	69,500	79,700	51,800	70,000	60,000	60,900
Female	50,000	55,000	45,000	50,000	45,000	46,000
Health and related	57,500	45,000	52,000	60,000	39,000	62,000
Male	95,000	50,000	106,000	90,000	42,000	100,000
Female	40,000	38,000	40,000	42,000	37,000	40,400
Teachers, except S&E postsecondary	36,000	39,000	36,000	36,000	36,800	38,000
Male	40,000	45,000	40,000	40,000	40,000	42,000
Female	33,000	35,000	33,000	33,000	33,500	36,200

See explanatory information, if any, and SOURCE at end of table.

Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹ — continued						
Sales/marketing	\$45,000	\$50,000	\$39,000	\$45,000	\$44,000	\$48,000
Male	50,000	54,000	45,000	50,000	49,000	50,000
Female	35,500	40,000	38,000	35,000	31,000	42,000
Other non-S&E occupations	37,000	40,000	30,000	36,800	40,000	39,000
Male	41,900	43,000	36,000	42,500	45,000	42,000
Female	30,000	35,000	26,500	29,600	31,000	32,500
Bachelor's						
All occupations, total²	\$45,000	\$50,000	\$30,000	\$46,000	\$48,000	\$39,500
Male	50,000	53,000	34,000	51,000	52,000	43,000
Female	34,000	38,400	28,000	35,000	40,000	32,000
S&E occupations, total	52,000	53,000	38,900	55,000	52,500	51,000
Male	55,000	55,000	43,000	56,000	54,800	53,000
Female	45,000	44,000	29,500	47,900	48,000	40,000
Scientists, total	50,000	49,000	34,000	50,000	52,000	42,000
Male	52,000	52,000	36,000	52,500	54,600	45,000
Female	43,400	40,000	29,000	46,000	48,500	34,500
Computer/math sci, total	54,000	55,000	45,000	55,000	53,000	52,000
Male	55,000	56,000	45,000	56,500	55,000	55,000
Female	50,000	50,900	42,000	50,000	50,000	48,000
Computer/information scientists	54,000	55,000	48,000	55,000	53,500	52,000
Male	55,000	56,000	50,000	56,400	55,000	55,000
Female	50,000	52,000	45,700	50,000	50,000	49,200
Mathematical scientists	52,500	47,500	S	58,000	49,000	S
Male	55,400	54,000	S	60,000	S	S
Female	40,000	S	S	S	S	S
Postsecondary teachers- computer math sci	27,000	S	28,000	S	S	S
Male	30,000	S	28,800	S	S	S
Female	S	S	S	S	S	S
Life/related scientists, total	36,000	32,000	28,000	40,000	38,000	40,000
Male	40,000	35,000	33,000	41,400	40,000	40,000
Female	32,000	30,000	24,600	35,000	32,000	37,000
Agricultural/food scientists	37,000	35,000	S	40,000	S	35,000
Male	40,000	36,000	S	40,000	S	36,000
Female	34,000	S	S	S	S	S
Biological scientists	35,000	32,000	S	40,000	36,000	40,000
Male	38,000	34,000	S	41,000	38,000	40,000
Female	32,000	31,700	S	39,000	32,000	40,000
Environmental life scientists	41,000	S	S	42,000	S	43,000
Male	42,000	S	S	45,000	S	45,000
Female	S	S	S	S	S	S

See explanatory information, if any, and SOURCE at end of table.

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Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Bachelor's — continued						
Postsecondary teachers- life/related sciences	\$28,000	\$23,000	\$28,000	S	S	S
Male	33,000	S	33,000	S	S	S
Female	20,900	S	S	S	S	S
Physical/related scientists, total ...	42,000	42,800	16,000	\$46,000	\$40,000	\$42,000
Male	45,000	45,000	24,000	48,000	42,000	42,000
Female	37,000	37,600	S	42,000	33,000	36,500
Chemistry, except biochemistry	41,300	42,000	S	45,000	35,000	38,000
Male	45,000	47,000	S	46,000	39,600	38,000
Female	37,000	38,000	S	41,000	32,700	36,400
Earth scientists/geologists/ oceanographers	46,500	48,000	S	48,000	46,500	45,000
Male	47,900	50,000	S	48,000	48,000	45,000
Female	46,000	46,500	S	S	S	S
Physicists/astronomers	42,000	38,000	S	S	S	S
Male	45,000	38,000	S	S	S	S
Female	S	S	S	S	S	S
Other physical/related scientists	37,500	32,000	S	47,000	S	47,000
Male	37,500	32,000	S	S	S	S
Female	S	S	S	S	S	S
Postsecondary teachers- physical/related sci	14,500	14,500	14,500	S	S	S
Male	15,000	15,000	15,000	S	S	S
Female	S	S	S	S	S	S
Social/related scientists, total	25,000	24,000	19,000	27,000	25,000	25,000
Male	25,000	24,000	S	32,000	S	25,000
Female	25,000	22,500	S	25,200	S	25,000
Economists	45,000	38,000	S	52,000	S	S
Male	52,100	S	S	S	S	S
Female	37,000	S	S	S	S	S
Political/related scientists	30,000	S	S	S	S	S
Male	S	S	S	S	S	S
Female	S	S	S	S	S	S
Psychologists	22,000	21,000	20,000	22,000	S	24,000
Male	19,500	S	S	S	S	21,000
Female	24,000	S	S	22,500	S	25,000
Sociologists/anthropologists	20,000	18,700	S	S	S	S
Male	S	S	S	S	S	S
Female	S	S	S	S	S	S

See explanatory information, if any, and SOURCE at end of table.

Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Bachelor's — continued						
Other social/related scientists	S	S	S	S	S	S
Male	S	S	S	S	S	S
Female	S	S	S	S	S	S
Postsecondary teachers-social/related sci	S	S	S	S	S	S
Male	S	S	S	S	S	S
Female	S	S	S	S	S	S
Engineers, total	\$55,000	\$55,000	\$50,000	\$58,000	\$53,000	\$56,000
Male	57,000	57,000	50,000	59,400	55,000	57,000
Female	49,500	50,000	S	50,000	46,000	50,400
Aerospace/related engineers	61,000	61,000	S	65,000	60,000	60,000
Male	62,000	62,000	S	65,400	60,000	60,000
Female	52,200	52,000	S	55,300	S	S
Chemical engineers	62,000	63,000	S	60,000	60,000	65,000
Male	64,100	64,800	S	62,000	63,600	65,000
Female	48,000	48,800	S	47,000	S	48,500
Civil/architectural engineers	51,000	50,000	S	54,000	45,000	52,000
Male	52,000	50,000	S	55,000	45,000	53,000
Female	45,000	45,000	S	49,500	40,000	46,000
Electrical/related engineers	60,000	59,700	S	60,100	56,000	60,000
Male	60,000	60,000	S	62,000	58,000	60,000
Female	50,000	52,000	S	55,000	48,000	S
Industrial engineers	52,000	50,000	S	52,000	52,000	52,000
Male	52,000	50,000	S	52,000	52,500	52,000
Female	47,000	50,000	S	47,000	45,000	S
Mechanical engineers	55,000	55,000	S	58,300	52,000	57,500
Male	56,000	55,300	S	60,000	52,000	58,000
Female	50,000	49,000	S	52,000	52,000	52,000
Other engineers	55,000	54,000	60,000	59,000	52,000	55,000
Male	57,000	55,000	60,000	60,000	54,000	55,600
Female	50,000	49,000	S	48,000	45,000	54,000
Postsecondary teachers-engineers	35,000	S	41,000	S	S	S
Male	33,000	S	S	S	S	S
Female	S	S	S	S	S	S
Non-S&E occupations, total	40,000	42,000	30,000	42,000	40,000	36,000
Male	45,000	48,000	32,500	50,000	45,000	40,000
Female	31,200	34,000	28,000	32,000	32,000	31,000

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Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Bachelor's — continued						
Managers/administrators	\$56,000	\$70,000	\$45,000	\$57,000	\$50,000	\$50,000
Male	63,000	73,800	48,000	63,000	56,000	55,000
Female	43,000	50,000	33,000	43,500	40,000	41,000
Health and related	37,000	34,000	35,000	40,000	35,000	37,000
Male	40,000	36,600	35,000	44,000	36,000	40,000
Female	35,000	33,000	35,000	38,000	34,500	36,000
Teachers, except S&E postsecondary	29,500	28,000	29,500	29,000	30,600	32,000
Male	30,000	27,000	30,000	30,000	31,000	30,000
Female	28,000	28,000	28,000	28,000	30,000	33,000
Sales/marketing	42,000	46,000	38,000	42,000	42,000	44,000
Male	46,000	50,000	38,000	46,000	46,800	45,000
Female	34,000	38,000	27,000	34,000	29,400	40,400
Other non-S&E occupations	32,000	38,000	25,000	31,000	38,000	31,000
Male	37,000	40,000	33,000	37,000	43,200	35,000
Female	26,900	31,500	22,000	26,000	30,000	27,000
Master's						
All occupations, total ²	\$53,000	\$58,300	\$41,000	\$60,000	\$56,000	\$45,000
Male	60,000	62,000	45,000	65,000	60,000	50,900
Female	43,000	45,000	38,000	46,000	47,800	40,000
S&E occupations, total	59,000	60,000	41,000	61,500	60,000	52,000
Male	60,000	62,000	48,000	65,000	60,200	58,000
Female	48,000	48,000	35,000	52,000	54,000	41,600
Scientists, total	54,000	55,000	40,000	57,000	60,000	46,700
Male	58,000	60,000	45,000	60,000	60,000	50,900
Female	46,000	45,000	35,000	50,000	54,000	40,000
Computer/math sci, total	60,000	62,000	41,000	65,000	60,000	60,000
Male	62,500	64,000	50,000	65,000	61,000	65,000
Female	56,000	55,000	33,700	60,000	55,000	56,500
Computer/information scientists	62,000	64,000	51,000	65,000	60,000	63,000
Male	64,000	65,000	51,000	65,000	62,000	65,000
Female	60,000	58,000	S	60,600	57,000	60,000
Mathematical scientists	60,000	57,000	S	64,800	54,000	S
Male	62,000	60,000	S	70,000	60,000	S
Female	54,000	48,000	S	S	40,000	S
Postsecondary teachers-computer math sci	35,000	35,000	35,000	38,000	40,000	S
Male	40,000	35,000	40,000	S	43,000	S
Female	33,000	35,000	33,000	S	S	S

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Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Master's — continued						
Life/related scientists, total	\$42,000	\$40,800	\$40,000	\$44,000	\$40,800	\$48,000
Male	44,500	42,000	37,500	50,000	40,800	52,000
Female	38,000	37,000	41,000	41,000	42,000	41,000
Agricultural/food scientists	40,000	42,000	S	38,000	S	S
Male	45,000	45,000	S	45,000	S	S
Female	30,000	30,000	S	S	S	S
Biological scientists	42,000	40,000	S	45,000	40,000	50,000
Male	42,000	41,900	S	46,000	34,000	52,000
Female	41,000	40,000	S	43,000	43,700	44,000
Environmental life scientists	52,000	S	S	S	S	S
Male	52,000	S	S	S	S	S
Female	S	S	S	S	S	S
Postsecondary teachers- life/related sciences	37,500	32,000	39,000	43,000	S	S
Male	40,000	32,000	40,000	S	S	S
Female	36,000	S	37,500	S	S	S
Physical/related scientists, total ...	51,000	51,000	41,000	55,000	45,000	50,000
Male	52,000	54,000	41,000	58,000	47,000	50,000
Female	47,000	42,000	38,000	52,200	40,000	52,000
Chemistry, except biochemistry	50,000	53,000	S	55,000	40,000	42,000
Male	54,600	56,200	S	58,000	S	43,000
Female	45,000	45,000	S	50,000	S	S
Earth scientists/geologists/ oceanographers	53,000	50,000	S	60,700	46,500	52,000
Male	53,000	53,000	S	60,000	50,000	50,000
Female	48,000	40,000	S	64,000	39,000	55,000
Physicists/astronomers	58,000	57,000	S	65,000	56,000	66,900
Male	57,000	57,000	S	65,000	56,000	S
Female	S	S	S	S	S	S
Other physical/related scientists	50,000	43,600	S	51,000	S	50,000
Male	50,000	S	S	50,000	S	S
Female	52,000	S	S	52,000	S	S
Postsecondary teachers- physical/related sci	41,000	31,000	41,000	S	S	S
Male	42,000	33,000	42,000	S	S	S
Female	36,000	S	38,000	S	S	S
Social/related scientists, total	41,100	40,000	38,000	45,000	45,000	41,000
Male	46,000	48,000	42,000	50,000	45,000	47,000
Female	37,000	35,000	34,000	38,000	43,000	37,000

See explanatory information, if any, and SOURCE at end of table.

Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Master's — continued						
Economists	\$62,500	\$62,500	S	\$62,500	\$46,000	\$68,500
Male	64,000	62,500	S	64,000	S	68,500
Female	52,000	S	S	52,000	S	S
Political/related scientists	36,000	S	S	S	S	S
Male	S	S	S	S	S	S
Female	S	S	S	S	S	S
Psychologists	40,000	32,500	\$38,000	39,000	43,000	40,000
Male	44,000	33,000	60,000	40,000	S	45,000
Female	36,000	32,000	36,000	35,000	S	36,000
Sociologists/anthropologists	33,500	33,500	S	S	S	S
Male	S	S	S	S	S	S
Female	S	S	S	S	S	S
Other social/related scientists	S	S	S	S	S	S
Male	S	S	S	S	S	S
Female	S	S	S	S	S	S
Postsecondary teachers- social/related sci	38,000	39,000	35,800	S	S	S
Male	39,000	41,000	38,000	S	S	S
Female	33,000	S	32,000	S	S	S
Engineers, total	63,600	64,000	50,000	66,000	62,000	61,000
Male	65,000	65,000	50,000	68,000	62,400	62,500
Female	55,000	53,000	S	59,000	52,000	55,000
Aerospace/related engineers	68,000	68,000	S	72,100	64,500	70,000
Male	68,500	70,000	S	74,000	65,000	70,000
Female	55,000	57,000	S	S	S	S
Chemical engineers	70,000	70,000	S	78,000	62,700	65,000
Male	70,000	68,900	S	80,000	62,700	67,000
Female	70,000	72,000	S	76,900	S	S
Civil/architectural engineers	60,000	55,000	S	63,000	52,000	57,500
Male	60,000	57,000	S	64,000	52,000	57,500
Female	53,000	50,000	S	55,000	S	S
Electrical/related engineers	69,000	69,500	S	75,000	66,000	64,000
Male	70,000	70,000	S	75,000	66,000	66,000
Female	58,000	58,000	S	59,000	55,000	S
Industrial engineers	58,000	57,000	S	59,100	55,000	55,000
Male	59,000	59,800	S	60,000	54,500	55,000
Female	52,300	52,300	S	52,300	S	S
Mechanical engineers	60,000	60,000	S	65,000	55,000	64,000
Male	62,000	62,000	S	65,000	56,000	60,000
Female	51,000	50,000	S	53,100	S	S

See explanatory information, if any, and SOURCE at end of table.

Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Master's — continued						
Other engineers	\$62,000	\$60,000	S	\$64,000	\$62,400	\$64,000
Male	64,200	62,000	S	65,000	65,000	65,000
Female	55,000	52,600	S	60,000	S	52,000
Postsecondary teachers-engineers	48,000	50,000	\$48,000	S	S	S
Male	49,000	52,000	48,000	S	S	S
Female	S	S	S	S	S	S
Non-S&E occupations, total	50,000	52,000	41,000	57,000	50,000	43,500
Male	59,000	63,000	44,000	65,000	54,000	50,000
Female	42,000	43,000	39,000	45,000	40,000	40,000
Managers/administrators	68,000	75,000	50,000	68,000	60,000	62,500
Male	75,000	80,100	52,000	75,000	65,000	70,000
Female	55,900	56,000	50,000	56,000	53,400	51,000
Health and related	41,400	41,400	41,000	45,000	39,000	41,000
Male	43,000	41,400	S	48,100	S	45,000
Female	41,000	42,000	41,000	43,000	S	40,000
Teachers, except S&E postsecondary	41,000	42,500	41,000	41,000	40,000	40,000
Male	45,000	45,000	45,000	43,000	46,000	44,000
Female	38,500	41,000	38,000	39,000	35,000	38,000
Sales/marketing	60,000	66,000	S	60,000	51,000	60,000
Male	65,000	71,000	S	65,000	60,000	60,000
Female	48,000	S	S	50,000	40,000	50,000
Other non-S&E occupations	40,000	45,000	37,000	40,000	47,000	38,000
Male	43,000	50,000	38,000	45,000	50,000	40,000
Female	36,000	39,000	36,000	35,000	40,000	36,000
Doctorate						
All occupations, total ²	\$63,000	\$65,000	\$54,500	\$70,000	\$65,000	\$60,000
Male	67,000	69,000	58,000	75,000	66,000	64,000
Female	50,000	50,000	46,900	56,000	52,000	50,000
S&E occupations, total	62,000	64,000	55,000	67,000	65,000	60,000
Male	65,000	67,000	58,000	70,700	68,500	63,000
Female	50,000	50,000	47,000	55,000	52,000	50,000
Scientists, total	60,000	60,000	54,000	63,000	64,000	58,000
Male	62,000	64,000	55,800	69,400	66,000	60,500
Female	50,000	50,000	46,900	54,000	52,000	50,000
Computer/math sci, total	65,000	68,000	54,000	72,000	70,000	65,000
Male	67,000	70,000	55,000	75,000	70,000	66,000
Female	57,000	60,000	47,400	60,000	60,000	60,000
Computer/information scientists	74,900	75,300	69,400	77,000	71,000	70,000
Male	75,000	76,000	S	78,000	72,100	72,000
Female	66,000	70,000	S	70,000	60,000	65,000

See explanatory information, if any, and SOURCE at end of table.

Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Doctorate — continued						
Mathematical scientists	\$70,000	\$70,000	S	\$72,000	\$68,500	\$68,500
Male	70,000	70,000	S	72,000	68,500	68,500
Female	65,000	68,000	S	S	67,000	S
Postsecondary teachers- computer math sci	55,000	57,000	\$54,000	60,000	50,000	54,000
Male	57,000	60,000	55,000	60,000	50,000	54,000
Female	48,000	49,000	47,400	58,000	50,000	S
Life/related scientists, total	57,500	58,000	57,000	64,000	47,000	58,000
Male	60,000	61,000	60,000	67,000	52,000	60,000
Female	48,000	48,000	50,300	56,000	33,000	50,000
Agricultural/food scientists	60,000	60,100	S	65,000	59,000	53,000
Male	60,100	62,000	S	65,000	60,000	55,000
Female	50,000	53,000	S	63,000	S	S
Biological scientists	55,000	54,000	48,000	65,000	38,400	65,000
Male	60,000	60,000	48,000	70,000	42,000	69,000
Female	42,000	40,000	50,000	52,000	30,000	60,000
Environmental life scientists	59,000	60,000	S	62,000	S	S
Male	59,000	59,000	S	62,200	S	S
Female	S	S	S	S	S	S
Postsecondary teachers- life/related sciences	58,000	60,000	58,000	60,000	57,000	52,000
Male	60,000	62,000	60,000	61,000	58,000	55,000
Female	53,000	57,000	52,000	60,000	S	42,600
Physical/related scientists, total ...	65,000	66,500	54,300	73,000	60,000	65,000
Male	66,900	69,000	56,000	75,000	63,700	66,000
Female	54,300	56,500	42,000	62,000	46,000	59,000
Chemistry, except biochemistry	70,000	70,000	S	75,000	71,000	70,000
Male	72,000	71,600	S	77,000	71,600	74,900
Female	62,000	62,000	S	69,300	S	60,000
Earth scientists/geologists/ oceanographers	62,000	62,000	S	70,000	55,500	59,000
Male	65,000	65,000	S	72,100	58,500	60,000
Female	53,000	50,000	S	55,000	41,000	S
Physicists/astronomers	73,000	72,100	75,000	86,400	70,000	72,000
Male	75,000	74,000	S	86,900	70,000	73,000
Female	60,000	63,000	S	S	S	S
Other physical/related scientists	77,800	77,800	S	74,600	S	73,000
Male	77,800	78,000	S	75,000	S	S
Female	S	S	S	S	S	S
Postsecondary teachers- physical/related sci	55,000	57,000	54,000	54,100	48,000	55,000
Male	56,000	58,500	55,100	55,000	49,000	55,000
Female	42,000	44,500	41,700	40,000	S	55,000

See explanatory information, if any, and SOURCE at end of table.

Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Doctorate — continued						
Social/related scientists, total	\$54,000	\$53,300	\$51,000	\$57,000	\$51,800	\$55,000
Male	58,000	57,000	55,000	61,500	60,000	60,000
Female	48,000	48,000	46,000	50,000	42,000	50,000
Economists	73,000	72,000	S	85,000	58,000	80,100
Male	72,000	70,000	S	84,000	60,000	80,100
Female	77,000	75,000	S	86,000	S	82,000
Political/related scientists	75,000	41,500	S	S	S	S
Male	75,000	S	S	S	S	S
Female	S	S	S	S	S	S
Psychologists	55,000	55,000	60,000	55,000	50,000	55,000
Male	60,000	63,000	60,000	60,000	60,000	60,000
Female	50,000	44,000	59,000	50,000	45,000	50,000
Sociologists/anthropologists	50,900	49,000	S	55,000	S	65,700
Male	51,000	49,000	S	52,000	S	69,000
Female	50,000	52,000	S	56,000	S	50,000
Other social/related scientists	52,400	51,100	S	51,100	52,400	S
Male	58,000	55,000	S	58,000	S	S
Female	51,000	51,000	S	51,000	S	S
Postsecondary teachers- social/related sci	51,600	52,000	50,500	57,000	43,400	50,000
Male	55,000	55,000	54,500	60,000	59,000	52,000
Female	45,000	45,500	44,000	49,000	S	41,400
Engineers, total	72,000	72,000	65,000	79,400	70,000	70,300
Male	72,100	72,100	66,400	80,000	70,000	71,000
Female	60,000	62,000	55,000	65,000	60,000	68,000
Aerospace/related engineers	78,500	78,000	S	93,100	76,000	S
Male	79,500	78,200	S	93,000	76,500	S
Female	76,000	S	S	S	S	S
Chemical engineers	72,100	72,100	S	75,000	70,000	70,000
Male	74,000	74,000	S	75,000	70,000	70,000
Female	69,000	68,000	S	S	S	S
Civil/architectural engineers	68,000	64,000	S	82,000	52,000	70,000
Male	68,000	65,000	S	87,700	54,000	70,000
Female	S	S	S	S	S	S
Electrical/related engineers	79,000	78,500	S	84,000	75,000	72,100
Male	79,300	79,300	S	85,000	75,000	75,000
Female	65,000	65,000	S	72,000	61,200	S
Industrial engineers	72,000	72,000	S	72,100	S	S
Male	70,000	70,000	S	72,000	S	S
Female	S	S	S	S	S	S

See explanatory information, if any, and SOURCE at end of table.

Table G-7. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, sex, and primary/secondary work activity : 1997

Highest degree, occupation, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Doctorate — continued						
Mechanical engineers	\$72,100	\$71,000	S	\$79,000	\$67,000	\$86,000
Male	72,700	72,000	S	79,000	69,000	86,000
Female	S	S	S	S	S	S
Other engineers	71,200	72,000	S	78,000	70,000	72,500
Male	73,000	73,000	S	80,000	70,000	75,000
Female	58,000	62,000	S	60,000	S	65,000
Postsecondary teachers-engineers	65,000	67,000	\$65,000	65,300	52,800	60,000
Male	66,000	68,000	65,700	67,700	52,800	60,000
Female	56,000	56,000	56,000	S	S	S
Non-S&E occupations, total	65,000	70,000	52,000	75,000	58,000	60,000
Male	72,000	77,000	59,000	78,000	60,000	65,000
Female	52,000	50,000	45,600	60,000	52,000	48,000
Managers/administrators	83,500	90,000	64,700	83,500	80,000	75,000
Male	86,200	95,000	65,000	87,000	80,100	75,800
Female	70,800	65,000	60,000	70,000	65,000	70,000
Health and related	75,000	77,000	60,000	78,000	50,000	80,000
Male	90,000	84,500	90,000	100,000	S	92,000
Female	50,000	58,000	47,000	56,200	S	48,000
Teachers, except S&E postsecondary	52,000	58,000	52,000	50,500	52,000	45,200
Male	60,000	65,000	60,000	53,000	54,000	52,000
Female	45,000	45,000	45,000	45,000	52,000	41,000
Sales/marketing	70,000	72,000	S	70,000	S	74,900
Male	70,000	72,000	S	70,000	S	70,000
Female	60,500	S	S	59,000	S	S
Other non-S&E occupations	50,000	51,000	40,000	50,300	49,000	52,000
Male	50,000	52,500	40,000	50,300	52,000	53,000
Female	42,000	40,000	S	42,000	31,000	44,000

- 1 Includes professional degrees
- 2 Total excludes 18,700 individuals who reported never having worked.

NOTES: The term "Scientists and Engineers" (S&Es) includes all persons who have ever received a bachelor's degree or higher in a science or engineering (S&E) field, plus persons holding a non-S&E bachelor's or higher degree who were employed in a S&E occupation during either the 1993, 1995 or 1997 SESTAT surveys. Figures are rounded to nearest hundred. Details may not add to total because of rounding. Sum of primary/secondary work activity categories exceeds total because of multiple responses.

KEY: S = Suppressed for reasons of confidentiality and/or data reliability

SOURCE: National Science Foundation/Science Resources Studies Division, 1997 SESTAT (Scientists and Engineers Statistical Data System)