

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
All degree levels¹											
All degree fields, total	\$50,000	\$54,000	\$55,000	\$50,000	\$38,500	\$40,000	\$43,000	\$37,100	\$48,000	\$55,000	\$42,000
Male	55,000	60,000	60,000	54,000	48,000	45,000	50,000	42,000	50,000	57,000	45,800
Female	39,000	40,000	43,000	40,000	32,000	35,000	35,700	34,100	40,000	47,000	36,000
S&E degree fields, total	48,000	50,000	52,000	40,000	35,000	36,000	40,000	33,000	45,000	53,500	40,000
Male	52,000	55,000	57,000	40,000	47,000	42,000	47,000	37,000	50,000	56,000	43,500
Female	36,000	38,000	40,000	35,000	30,000	32,000	34,000	31,000	37,000	45,000	33,000
Sciences, total	42,000	45,000	48,000	40,000	34,000	35,300	39,000	33,000	42,000	50,000	37,000
Male	49,000	50,000	52,000	40,000	45,000	40,000	45,000	37,000	45,000	52,000	40,800
Female	35,000	36,000	38,000	35,000	30,000	32,000	34,000	31,000	36,000	42,600	32,000
Computer/math sciences, total	53,100	57,000	58,000	48,000	48,000	36,000	45,000	33,000	49,000	55,000	40,000
Male	57,000	60,000	60,000	50,000	54,000	42,000	50,000	36,000	53,000	57,000	46,000
Female	45,000	51,800	52,500	36,800	41,000	32,000	40,000	30,000	40,000	46,500	34,000
Computer/information sciences	55,000	57,000	58,000	45,000	50,000	40,000	40,000	38,000	48,000	53,000	38,700
Male	58,000	60,000	60,000	50,000	57,000	43,300	43,000	43,300	49,000	54,000	40,000
Female	50,000	52,000	53,000	S	41,000	34,000	36,500	29,000	45,000	52,000	38,000
Mathematical sciences	50,000	58,000	59,000	50,000	44,000	36,000	48,000	32,000	50,900	57,000	41,000
Male	55,000	60,000	60,000	52,000	50,000	42,000	53,000	34,500	57,000	59,800	52,000
Female	40,000	50,000	50,800	S	40,000	32,000	42,000	30,400	36,500	46,000	30,000
Life/related sciences, total	40,000	40,000	42,000	35,000	40,000	35,000	36,000	32,500	41,300	48,000	38,500
Male	43,200	45,000	46,000	36,000	48,100	39,000	40,000	36,000	43,300	50,000	40,000
Female	34,500	34,500	35,000	30,000	33,000	32,000	34,000	31,000	39,800	43,700	36,000
Agricultural/food sciences	40,000	40,000	40,000	30,000	42,000	35,000	34,000	35,000	44,000	50,000	37,000
Male	42,000	40,000	44,000	30,000	42,500	44,500	44,500	44,000	45,000	50,000	37,600
Female	32,000	30,000	34,000	S	S	32,000	28,000	34,000	37,000	45,000	35,000
Biological sciences	40,000	40,000	42,000	36,000	40,000	35,000	37,000	32,000	41,000	47,000	40,000
Male	44,000	48,000	49,000	40,000	48,000	38,000	40,000	36,000	42,000	50,000	40,000
Female	35,000	35,000	35,000	30,000	33,000	32,500	35,000	30,000	40,000	43,800	36,000

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
All degree levels¹ — continued											
Environmental life sciences	\$40,000	\$40,000	\$40,000	\$40,000	\$60,000	\$32,000	\$34,000	\$32,000	\$43,000	\$48,000	\$39,000
Male	42,000	42,000	42,000	S	S	32,000	39,700	32,000	45,000	49,000	40,000
Female	34,000	32,000	32,000	S	S	34,000	25,000	37,000	36,000	37,700	32,000
Physical/related sciences, total	51,300	56,000	57,000	40,000	53,700	39,000	40,500	35,000	49,500	56,000	41,600
Male	55,000	60,000	60,000	40,000	55,000	44,000	45,000	40,000	50,000	58,000	42,000
Female	38,500	43,000	45,000	44,500	38,000	32,000	31,300	32,000	42,000	46,000	36,400
Chemistry, except biochemistry	51,000	57,000	59,500	34,000	50,000	36,000	37,000	36,000	45,000	50,000	42,000
Male	57,000	62,400	65,000	34,000	58,000	40,000	40,000	38,400	49,000	58,000	42,000
Female	38,000	44,000	45,000	S	37,000	32,000	29,000	34,700	37,700	38,000	37,600
Earth science, geology and oceanography	48,000	50,000	50,000	40,000	55,000	40,500	46,000	36,000	45,000	50,000	40,000
Male	50,000	50,000	50,400	40,000	55,000	45,000	50,000	39,000	45,000	49,200	40,000
Female	40,000	42,000	42,000	S	S	35,000	37,000	34,000	48,000	51,000	S
Physics/astronomy	60,000	63,000	65,000	54,000	54,400	44,000	46,000	38,000	67,000	70,000	45,000
Male	60,000	65,000	65,000	54,000	54,400	47,000	48,000	42,000	68,700	70,000	45,000
Female	44,300	57,000	57,000	S	S	38,000	39,800	36,000	50,000	57,000	S
Other physical sciences	46,000	50,000	50,000	S	S	33,000	34,000	32,300	50,000	57,000	44,000
Male	51,000	53,000	54,000	S	S	41,500	37,000	49,200	55,000	58,000	S
Female	33,400	35,000	34,300	S	S	30,000	S	30,000	S	S	S
Social/related sciences, total	38,500	40,000	40,000	40,000	30,000	35,000	38,100	33,000	40,000	46,500	36,000
Male	45,000	45,000	46,500	42,000	37,000	41,000	48,000	38,000	43,400	50,000	40,000
Female	32,500	32,700	34,000	36,000	29,000	32,000	33,000	31,200	33,600	40,000	31,000
Economics	49,000	50,000	50,000	45,000	45,000	41,000	52,000	35,000	44,400	45,000	43,000
Male	50,000	52,000	52,000	40,000	60,000	50,000	55,000	39,200	45,000	46,000	43,000
Female	38,300	40,000	40,000	S	28,500	32,000	34,000	32,000	41,000	40,000	43,700

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
All degree levels¹ — continued											
Political/related sciences	\$40,000	\$40,000	\$41,000	\$40,000	\$35,600	\$36,000	\$40,000	\$32,000	\$43,000	\$55,000	\$36,000
Male	45,000	45,000	45,000	48,000	45,000	42,500	48,000	35,000	47,000	58,000	39,000
Female	34,000	35,000	36,000	30,000	30,000	31,000	33,200	30,000	33,000	42,500	30,000
Psychology	36,400	36,000	37,500	40,000	30,000	37,000	38,000	36,000	39,500	46,000	36,000
Male	44,000	45,000	45,000	48,000	36,000	45,000	47,000	43,500	43,500	50,000	42,000
Female	32,000	31,000	32,000	40,000	28,000	34,000	33,000	34,000	33,000	41,500	32,000
Sociology/anthropology	35,000	35,000	37,000	35,000	29,000	30,000	35,000	27,500	36,000	42,000	35,000
Male	40,000	40,000	44,000	37,500	30,000	36,000	41,000	33,000	40,000	42,300	38,000
Female	30,000	30,000	32,000	35,000	28,700	28,000	30,600	26,000	34,000	38,000	32,000
Other social sciences	37,000	38,600	40,000	34,000	34,000	35,000	38,000	32,500	38,500	45,000	36,000
Male	40,000	40,000	42,000	40,000	29,500	35,000	43,000	31,000	45,000	45,600	42,000
Female	33,300	35,000	36,000	33,000	37,000	33,000	35,000	33,000	33,000	33,200	30,900
Engineering, total	60,000	60,000	60,000	50,000	61,300	49,000	52,000	40,000	55,000	59,700	51,000
Male	60,000	60,000	60,200	50,000	62,000	50,000	53,000	40,000	56,000	60,000	52,000
Female	50,000	50,000	50,000	30,000	55,000	32,000	44,000	23,000	51,500	53,000	49,500
Aerospace/related engineering	60,000	60,000	60,000	S	75,000	43,000	55,000	S	56,000	60,000	S
Male	60,000	62,000	62,000	S	S	48,000	56,000	S	57,900	60,000	S
Female	50,000	50,000	50,000	S	S	S	S	S	S	S	S
Chemical engineering	63,900	65,000	65,000	60,000	72,000	37,000	37,000	S	52,000	53,000	51,000
Male	65,000	68,000	68,000	60,000	72,000	48,000	45,000	S	52,000	56,700	50,000
Female	51,000	53,000	53,000	S	S	20,000	19,700	S	48,000	S	S
Civil/architectural engineering	55,000	56,000	57,000	50,000	50,000	49,500	50,000	S	54,000	59,000	52,000
Male	56,000	58,000	59,000	50,000	50,000	50,000	51,000	S	55,000	60,000	52,000
Female	46,000	43,000	43,200	S	S	35,000	17,000	S	51,400	53,000	50,000

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
All degree levels¹ — continued											
Electrical/related engineering	\$60,200	\$62,000	\$62,000	\$50,000	\$65,000	\$50,000	\$53,000	\$40,000	\$59,100	\$60,000	\$52,000
Male	62,000	63,000	63,500	50,000	67,700	50,000	53,000	40,000	60,000	60,000	53,000
Female	55,000	55,000	55,000	S	S	50,000	54,000	S	55,000	57,200	S
Industrial engineering	55,000	55,000	55,000	54,000	S	45,000	51,000	S	54,000	55,400	S
Male	56,000	58,000	58,000	54,000	S	45,000	51,000	S	55,000	57,200	S
Female	47,100	48,000	47,000	S	S	47,200	55,000	S	S	S	S
Mechanical engineering	58,300	59,500	60,000	40,000	49,000	48,000	50,000	40,000	56,000	57,000	50,500
Male	59,500	60,000	60,000	40,000	49,500	50,000	52,000	S	57,000	59,000	50,500
Female	49,000	50,000	50,000	S	S	21,000	S	S	50,000	50,000	S
Other engineering	60,000	60,000	60,000	36,000	55,500	48,500	55,000	28,000	59,000	62,000	52,000
Male	60,000	60,000	61,000	36,000	60,000	54,000	60,000	S	60,000	65,000	52,000
Female	49,000	50,000	50,000	S	S	31,000	46,000	S	51,000	52,000	48,000
Non-S&E degrees, total	58,100	65,000	67,000	70,000	44,200	45,000	50,200	44,000	52,000	60,000	50,000
Male	65,000	70,000	71,000	80,000	49,500	50,000	62,000	47,000	54,000	60,600	50,000
Female	46,000	50,000	54,000	50,000	38,500	40,000	40,000	40,000	48,500	55,000	45,700
Bachelor's											
All degree fields, total	\$45,000	\$48,000	\$50,000	\$40,000	\$33,000	\$30,000	\$30,000	\$29,000	\$42,500	\$49,500	\$39,000
Male	50,000	52,000	53,000	40,000	42,500	32,000	33,000	31,000	46,000	50,000	42,000
Female	34,000	36,500	38,800	34,000	29,500	28,000	29,000	28,000	36,000	41,500	32,000
S&E degree fields, total	44,000	48,000	50,000	39,000	31,000	29,000	30,000	29,000	42,000	49,000	38,500
Male	50,000	52,000	53,000	40,000	40,000	31,000	32,000	30,000	46,000	50,000	42,000
Female	33,000	35,600	38,000	33,000	28,000	28,000	28,000	28,000	35,000	40,500	31,000
Sciences, total	40,000	42,000	45,000	36,000	30,000	29,000	29,000	29,000	39,500	45,000	35,800
Male	45,000	48,000	50,000	40,000	40,000	30,000	30,000	30,000	42,000	47,000	40,000
Female	32,000	34,500	36,000	34,000	28,000	28,000	28,000	28,000	33,200	39,800	30,000

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Bachelor's — continued											
Computer/math sciences, total	\$50,000	\$54,000	\$55,000	\$45,000	\$43,500	\$31,000	\$39,000	\$30,000	\$45,000	\$49,000	\$40,000
Male	54,000	55,000	56,000	50,000	48,000	33,000	38,500	30,000	50,000	54,000	44,000
Female	43,000	49,000	50,000	S	40,000	30,000	40,000	29,000	39,000	45,000	34,000
Computer/information sciences	52,000	53,500	54,000	40,000	45,000	35,000	36,000	34,000	45,000	49,000	38,500
Male	54,000	55,000	55,000	45,000	50,000	38,000	37,000	38,000	45,000	50,000	40,000
Female	48,000	50,000	50,000	S	41,000	29,500	35,000	28,500	42,000	45,000	38,000
Mathematical sciences	48,000	55,000	56,000	50,000	38,700	30,000	45,000	29,000	48,000	52,000	40,000
Male	53,000	57,000	58,000	50,000	40,000	31,500	44,000	30,000	54,000	57,000	51,000
Female	38,000	47,000	49,000	S	37,000	30,000	S	29,000	36,400	S	30,000
Life/related sciences, total	36,000	38,000	40,000	31,500	38,000	30,000	30,000	30,000	40,000	43,000	37,600
Male	40,000	41,300	43,000	35,000	45,000	30,000	28,500	30,000	41,000	46,000	40,000
Female	31,700	32,000	32,000	30,000	31,700	29,800	30,000	28,500	36,000	39,800	34,600
Agricultural/food sciences	37,500	38,000	40,000	30,000	42,000	31,000	25,000	34,000	42,000	49,500	37,000
Male	40,000	40,000	41,000	30,000	S	32,500	30,000	S	45,000	50,000	37,500
Female	30,000	29,500	29,500	S	S	27,000	22,900	S	36,900	S	S
Biological sciences	36,000	39,000	40,000	35,000	38,000	30,000	30,000	30,000	39,800	40,000	38,000
Male	40,000	44,000	45,000	40,000	47,500	30,000	28,600	30,000	40,000	41,000	40,000
Female	32,000	32,000	33,500	28,000	32,000	30,000	31,500	28,000	36,600	39,800	35,000
Environmental life sciences	36,000	37,000	37,000	S	S	26,500	S	29,000	40,000	45,000	37,200
Male	40,000	39,000	39,000	S	S	27,000	S	S	43,000	45,600	38,000
Female	27,000	26,200	26,200	S	S	S	S	S	32,000	S	S
Physical/related sciences, total	45,500	50,000	50,000	40,000	50,000	29,000	25,000	30,000	42,500	45,000	40,000
Male	50,000	53,000	54,000	40,000	52,000	30,000	26,200	32,900	44,000	46,000	41,000
Female	35,000	38,500	39,000	S	38,000	27,000	16,900	30,000	36,400	40,000	35,000

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Bachelor's — continued											
Chemistry, except biochemistry	\$45,000	\$50,000	\$50,000	\$30,000	\$46,000	\$30,000	\$25,000	\$34,700	\$41,000	\$45,000	\$40,900
Male	50,000	54,000	56,000	25,000	S	31,800	30,000	S	45,000	50,000	41,000
Female	36,000	40,000	40,000	S	32,500	28,000	16,800	33,000	36,000	S	S
Earth science, geology and oceanography	45,000	46,700	47,000	44,500	S	29,000	26,300	29,000	42,500	45,000	40,000
Male	45,000	48,000	48,000	50,000	S	29,000	41,000	29,000	42,500	43,000	40,000
Female	36,000	35,100	35,100	S	S	27,000	S	29,000	S	S	S
Physics/astronomy	52,000	55,000	55,000	S	S	25,000	17,000	30,000	45,000	50,400	S
Male	53,000	55,000	56,000	S	S	25,000	17,000	S	45,000	51,000	S
Female	32,000	41,000	41,000	S	S	16,000	S	S	S	S	S
Other physical sciences	42,100	47,000	47,000	S	S	30,000	S	29,500	46,000	S	S
Male	50,000	52,000	52,000	S	S	S	S	S	46,000	S	S
Female	30,000	33,400	33,400	S	S	25,000	S	S	S	S	S
Social/related sciences, total	36,000	38,000	40,000	37,200	28,000	28,000	27,000	28,000	37,000	43,000	34,000
Male	42,000	44,000	45,000	40,000	30,000	30,000	30,000	30,000	42,000	45,000	39,000
Female	30,000	31,000	33,000	35,000	27,000	27,000	27,000	27,000	32,000	37,000	30,000
Economics	45,000	48,000	48,800	40,000	45,000	29,000	27,000	32,000	41,000	41,500	35,000
Male	50,000	50,000	52,000	40,000	S	33,000	S	S	42,000	42,000	35,000
Female	37,000	38,300	38,300	S	S	28,000	S	S	39,000	39,000	S
Political/related sciences	39,400	40,000	40,000	40,000	30,000	30,000	29,000	30,000	40,000	50,000	35,000
Male	42,500	42,000	42,500	50,000	37,000	34,000	S	33,700	45,000	50,000	39,000
Female	31,400	33,500	35,000	S	28,500	30,000	29,000	30,000	30,000	42,500	29,500
Psychology	32,000	33,100	36,000	36,000	26,000	27,000	25,400	27,000	34,000	42,000	32,000
Male	40,000	40,000	43,000	35,000	28,000	31,000	29,000	31,000	41,000	46,000	40,000
Female	28,000	30,000	30,000	40,000	26,000	25,400	25,000	26,000	29,400	37,000	28,000

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Bachelor's — continued											
Sociology/anthropology	\$33,000	\$35,000	\$36,000	\$36,000	\$27,000	\$26,400	\$27,200	\$26,000	\$36,000	\$40,000	\$34,500
Male	39,000	40,000	43,000	S	30,000	30,000	S	30,000	38,000	41,000	37,700
Female	30,000	30,000	32,000	35,000	27,000	25,000	27,000	25,000	33,000	37,000	31,000
Other social sciences	35,000	37,000	40,000	36,000	27,000	29,000	30,000	29,000	37,000	42,600	35,000
Male	37,000	40,000	40,000	S	S	29,000	S	29,000	45,000	45,600	42,000
Female	33,000	34,000	35,000	S	27,000	30,000	33,000	28,800	30,000	33,200	29,000
Engineering, total	56,000	58,000	59,000	48,000	48,000	40,000	40,000	36,000	54,000	56,000	50,000
Male	58,000	60,000	60,000	48,000	48,000	40,000	40,000	40,000	55,000	57,000	50,000
Female	48,000	48,000	48,000	S	S	23,000	44,000	S	50,000	51,000	48,000
Aerospace/related engineering	55,000	58,000	60,000	S	S	31,000	29,000	S	55,000	55,600	S
Male	57,000	60,000	60,000	S	S	36,000	29,000	S	55,400	56,000	S
Female	50,000	50,000	50,000	S	S	S	S	S	S	S	S
Chemical engineering	61,000	63,000	63,000	S	S	19,000	16,000	S	51,500	52,000	51,500
Male	63,000	65,000	65,000	S	S	16,500	16,000	S	52,000	52,000	S
Female	51,000	52,000	52,000	S	S	S	S	S	48,000	S	S
Civil/architectural engineering	52,100	53,000	55,000	45,000	S	33,000	43,100	S	52,000	56,000	50,000
Male	54,000	55,000	57,000	48,000	S	33,000	44,000	S	54,000	58,200	51,000
Female	45,000	42,000	43,000	S	S	S	S	S	49,500	51,500	48,000
Electrical/related engineering	59,600	60,000	60,000	50,000	59,000	45,000	48,000	40,000	56,000	59,000	50,000
Male	60,000	60,000	60,000	50,000	59,000	42,000	47,000	S	57,000	60,000	52,000
Female	51,000	50,000	50,000	S	S	S	S	S	54,000	56,000	S
Industrial engineering	51,000	52,000	52,000	S	S	S	S	S	50,900	54,000	S
Male	52,000	54,000	55,000	S	S	S	S	S	51,000	55,400	S
Female	45,000	45,000	45,000	S	S	S	S	S	S	S	S

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Bachelor's — continued											
Mechanical engineering	\$56,000	\$57,000	\$57,000	\$40,000	S	\$48,000	\$48,000	S	\$54,000	\$54,400	\$50,000
Male	57,000	57,500	58,200	40,000	S	48,000	48,000	S	55,000	55,000	50,000
Female	46,000	46,000	46,000	S	S	S	S	S	48,900	S	S
Other engineering	55,000	57,200	58,000	36,000	S	29,000	36,000	S	52,000	58,400	50,000
Male	58,000	60,000	60,000	36,000	S	35,000	35,000	S	55,000	60,000	50,900
Female	45,000	45,000	45,000	S	S	S	S	S	48,000	S	S
Non-S&E degrees, total	50,000	52,000	52,000	45,000	\$45,000	36,000	40,000	\$31,000	48,000	52,000	42,500
Male	52,900	54,500	55,000	50,000	48,000	42,000	48,000	40,000	50,000	54,000	42,000
Female	43,000	46,000	49,400	S	37,000	30,000	32,000	27,000	44,000	46,000	42,500
Master's											
All degree fields, total	\$53,000	\$61,000	\$65,000	\$50,000	\$40,000	\$42,000	\$37,200	\$43,500	\$50,000	\$60,000	\$45,400
Male	60,000	66,000	69,000	50,000	49,000	45,000	40,000	47,000	54,000	62,000	48,000
Female	43,000	48,000	52,500	40,000	36,000	40,000	36,000	40,000	44,000	52,700	40,000
S&E degree fields, total	54,000	60,000	64,000	48,000	42,000	40,000	35,000	43,000	52,000	60,000	45,000
Male	60,000	65,000	66,000	50,000	52,000	43,000	35,000	47,000	56,000	63,000	47,900
Female	42,500	48,000	52,000	40,000	35,000	39,500	33,700	40,000	43,000	54,000	39,500
Sciences, total	50,000	57,000	60,000	45,000	40,000	40,000	34,000	43,000	48,000	60,000	42,000
Male	55,000	62,000	65,000	50,000	50,000	42,900	34,000	47,500	52,000	62,000	45,000
Female	41,000	45,000	50,000	40,000	35,000	39,600	34,000	40,000	42,000	52,000	39,000
Computer/math sciences, total	60,000	66,600	66,900	68,000	64,000	40,000	37,000	41,000	60,000	63,000	46,000
Male	64,500	69,600	69,000	S	65,000	44,000	40,000	44,000	60,000	60,000	53,000
Female	53,000	60,000	60,000	S	S	36,000	33,000	36,000	57,000	S	S
Computer/information sciences	64,000	67,000	67,000	S	64,500	42,000	40,000	44,000	60,000	65,000	43,000
Male	65,000	69,000	69,000	S	70,000	44,000	40,000	44,000	60,000	62,000	S
Female	59,200	60,000	60,000	S	S	36,500	S	S	S	S	S

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Master's — continued											
Mathematical sciences	\$54,000	\$65,500	\$65,500	S	\$64,000	\$40,000	\$34,400	\$40,000	\$60,000	\$60,000	\$53,000
Male	60,000	70,000	70,000	S	S	43,000	40,000	47,000	60,000	60,000	S
Female	42,000	60,000	60,000	S	S	36,000	28,000	38,000	S	S	S
Life/related sciences, total	44,000	50,000	52,500	\$36,000	40,000	37,500	32,000	46,000	45,000	51,000	40,400
Male	48,000	58,000	60,000	45,000	45,000	40,000	30,000	48,000	45,000	50,000	41,000
Female	40,000	42,000	44,000	S	37,000	36,000	32,000	40,000	45,000	52,000	39,000
Agricultural/food sciences	42,000	44,000	44,000	S	S	36,000	32,000	S	43,000	S	S
Male	45,000	45,000	45,000	S	S	46,000	31,000	S	48,600	S	S
Female	35,000	38,000	38,000	S	S	32,000	32,000	S	S	S	S
Biological sciences	43,000	51,000	53,000	36,000	37,000	36,000	32,000	45,000	43,800	48,800	40,000
Male	45,000	59,000	60,000	S	S	36,000	30,000	48,000	42,500	48,000	40,400
Female	41,000	41,200	45,000	S	36,000	36,000	32,500	42,000	45,000	50,000	39,000
Environmental life sciences	55,000	60,000	60,000	S	S	40,000	S	S	52,000	60,600	44,000
Male	60,000	62,500	67,300	S	S	S	S	S	52,000	S	S
Female	44,000	50,000	50,000	S	S	S	S	S	S	S	S
Physical/related sciences, total	55,000	60,000	63,000	50,000	51,000	36,000	30,000	41,500	55,000	65,600	44,000
Male	58,000	63,500	65,500	45,000	S	38,000	30,000	45,000	60,000	67,000	43,000
Female	43,000	53,000	55,000	S	S	35,000	31,300	35,000	45,000	42,000	49,000
Chemistry, except biochemistry	51,000	60,000	60,000	S	S	32,000	29,000	36,000	44,000	52,000	S
Male	58,000	65,000	67,000	S	S	35,000	26,500	S	46,700	S	S
Female	40,000	48,000	48,000	S	S	32,000	31,000	S	S	S	S
Earth science, geology and oceanography	51,000	56,000	59,700	S	S	39,000	30,000	40,000	48,400	55,000	46,000
Male	53,000	56,000	59,700	S	S	39,000	30,000	S	52,000	56,000	44,000
Female	48,000	58,000	60,000	S	S	30,000	S	S	41,000	S	S

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Master's — continued											
Physics/astronomy	\$60,000	\$66,600	\$70,000	S	S	\$38,000	\$30,500	\$42,000	\$80,000	\$80,100	S
Male	65,000	70,000	73,000	S	S	33,000	25,000	S	85,000	89,000	S
Female	47,000	60,000	65,000	S	S	39,800	S	S	S	S	S
Other physical sciences	50,000	65,000	65,000	S	S	46,000	S	48,200	60,600	S	S
Male	55,000	65,000	65,000	S	S	S	S	S	S	S	S
Female	46,000	S	S	S	S	S	S	S	S	S	S
Social/related sciences, total	44,000	45,000	50,000	\$40,000	\$37,500	42,000	37,000	44,000	46,000	60,000	\$41,600
Male	50,000	52,000	56,000	48,000	45,000	45,000	38,000	47,000	50,000	64,000	46,000
Female	40,000	38,000	42,000	40,000	34,000	41,000	35,000	42,000	40,000	45,000	38,000
Economics	58,000	60,000	62,000	S	S	44,000	35,000	S	58,000	63,600	52,000
Male	60,000	70,000	70,000	S	S	45,000	S	S	58,000	63,600	S
Female	50,000	50,400	50,000	S	S	S	S	S	S	S	S
Political/related sciences	50,000	53,000	55,000	46,000	50,000	44,000	39,700	44,000	60,000	70,000	43,000
Male	55,000	58,000	68,500	S	58,000	44,000	S	S	64,000	70,000	45,000
Female	45,000	45,000	50,000	S	45,000	43,000	S	S	43,000	S	S
Psychology	42,000	40,000	45,000	45,000	34,000	42,000	36,000	43,800	43,700	55,000	41,600
Male	48,000	50,000	52,200	S	45,000	46,400	38,000	47,000	50,000	S	47,000
Female	40,000	35,100	40,000	40,000	31,500	41,000	35,000	42,000	40,000	45,000	38,000
Sociology/anthropology	39,000	39,000	50,000	S	38,000	38,000	33,500	42,000	45,000	S	39,000
Male	40,000	40,000	50,000	S	S	S	S	S	47,500	S	45,000
Female	39,000	39,000	55,900	S	S	39,000	30,000	40,000	35,000	S	35,000
Other social sciences	42,000	43,000	48,000	S	40,000	42,600	43,000	41,000	40,000	45,000	35,000
Male	47,000	47,500	50,000	S	S	49,500	S	49,000	45,000	S	42,000
Female	38,600	40,000	40,000	S	38,600	40,000	43,000	40,000	35,000	S	35,000

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Master's — continued											
Engineering, total	\$65,000	\$66,000	\$66,000	\$60,000	\$68,000	\$45,000	\$45,000	\$41,600	\$60,000	\$63,000	\$55,000
Male	65,000	68,000	68,000	60,000	70,000	45,000	48,000	41,600	60,000	64,000	55,000
Female	55,000	55,000	55,000	S	S	30,000	24,000	S	55,700	58,000	54,800
Aerospace/related engineering	65,000	67,000	66,000	S	S	45,000	45,000	S	65,000	65,000	S
Male	66,000	67,000	67,000	S	S	45,000	45,000	S	65,000	65,000	S
Female	48,000	S	S	S	S	S	S	S	S	S	S
Chemical engineering	68,000	70,000	70,000	S	S	18,000	18,000	S	S	S	S
Male	70,000	72,100	72,000	S	S	18,000	18,000	S	S	S	S
Female	51,000	53,000	59,000	S	S	S	S	S	S	S	S
Civil/architectural engineering	60,000	61,000	60,000	70,000	S	47,000	50,000	S	58,800	68,000	55,400
Male	61,500	65,000	63,000	70,000	S	S	S	S	60,000	70,000	55,400
Female	52,000	46,000	46,000	S	S	S	S	S	55,000	62,700	55,000
Electrical/related engineering	70,000	70,000	70,000	74,900	75,000	50,000	50,000	S	60,000	64,000	S
Male	70,000	72,000	72,000	75,000	75,000	50,000	51,000	S	61,000	64,000	S
Female	60,000	60,000	60,000	S	S	S	S	S	S	S	S
Industrial engineering	60,000	60,000	60,000	S	S	31,700	S	S	60,000	60,000	S
Male	60,000	63,000	64,000	S	S	S	S	S	60,000	60,000	S
Female	52,300	52,300	52,300	S	S	S	S	S	S	S	S
Mechanical engineering	62,000	63,000	63,000	S	S	41,600	45,000	S	64,000	64,000	S
Male	62,600	64,000	64,000	S	S	41,600	48,000	S	64,000	64,000	S
Female	53,000	53,000	53,100	S	S	S	S	S	S	S	S
Other engineering	63,000	65,000	65,000	S	S	45,000	45,000	S	60,200	63,300	55,000
Male	65,000	65,000	66,000	S	S	45,000	45,000	S	62,300	65,000	55,000
Female	54,000	56,000	56,000	S	S	S	S	S	55,000	55,000	S

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Master's — continued											
Non-S&E degrees, total	\$52,000	\$62,000	\$67,000	\$50,000	\$40,000	\$43,000	\$42,000	\$44,000	\$50,000	\$60,000	\$46,300
Male	60,000	69,000	70,000	50,000	45,000	47,000	49,200	47,000	52,000	60,600	48,000
Female	43,700	47,800	53,000	50,000	36,000	40,000	38,000	40,000	45,000	52,000	42,000
Doctorate											
All degree fields, total	\$63,000	\$74,700	\$76,000	\$60,000	\$58,000	\$55,000	\$55,000	\$52,000	\$65,000	\$70,200	\$53,700
Male	67,000	75,000	78,200	60,000	63,000	60,000	60,000	56,000	68,000	72,000	55,000
Female	50,000	62,000	67,000	60,000	50,000	45,500	45,000	49,500	56,000	63,000	51,000
S&E degree fields, total	65,000	75,000	77,000	70,000	63,000	55,000	55,000	48,000	65,000	70,200	53,800
Male	68,400	78,000	80,000	70,000	68,000	58,000	59,000	49,000	68,400	72,100	55,000
Female	51,000	63,000	67,500	60,000	50,000	45,600	45,500	46,400	58,000	63,700	51,300
Sciences, total	61,000	75,000	77,000	70,000	61,000	53,000	54,000	48,000	65,000	70,000	54,000
Male	65,000	77,000	80,000	70,000	66,000	56,000	57,000	49,000	67,000	71,000	55,000
Female	50,000	63,000	68,000	62,000	50,000	45,000	45,000	46,400	58,000	63,700	51,000
Computer/math sciences, total	65,000	80,100	80,100	75,000	80,000	56,800	57,000	48,000	75,000	75,000	S
Male	67,800	82,500	83,600	50,000	84,000	59,000	59,000	50,000	75,000	75,000	S
Female	56,000	72,100	75,000	S	S	48,000	49,000	S	S	S	S
Computer/information sciences	72,100	85,100	87,000	S	S	60,000	60,000	S	70,000	S	S
Male	75,000	90,000	90,000	S	S	60,000	60,000	S	S	S	S
Female	65,000	76,000	75,000	S	S	54,000	54,000	S	S	S	S
Mathematical sciences	62,000	79,000	80,000	S	75,000	56,000	57,000	48,000	75,000	75,000	S
Male	64,000	80,000	80,000	S	83,000	58,000	58,600	49,000	75,000	75,000	S
Female	50,000	70,000	75,000	S	S	43,000	44,000	S	S	S	S
Life/related sciences, total	60,000	73,000	75,000	75,000	60,000	52,200	53,500	41,000	62,000	65,000	53,500
Male	63,000	75,000	77,700	80,000	65,000	56,000	57,000	40,000	65,000	69,000	55,000
Female	50,000	64,000	68,000	70,000	48,000	45,000	45,000	42,000	58,000	60,000	48,000

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Doctorate — continued											
Agricultural/food sciences	\$60,000	\$65,000	\$65,000	\$42,000	S	\$55,000	\$55,400	\$45,000	\$59,000	\$63,000	S
Male	60,000	65,000	67,000	42,000	S	58,000	58,000	S	58,000	64,000	S
Female	50,000	60,000	60,000	S	S	45,000	45,000	S	60,000	S	S
Biological sciences	60,000	75,000	78,000	80,100	\$60,000	52,000	53,000	41,000	63,500	66,000	\$54,000
Male	64,000	79,000	80,000	90,000	65,000	56,000	57,000	40,000	66,700	70,000	60,000
Female	50,000	64,000	70,000	75,000	48,000	45,000	45,000	42,000	58,000	60,000	50,000
Environmental life sciences	60,000	75,000	80,000	S	S	55,000	55,000	S	59,000	67,000	45,000
Male	60,000	80,000	80,000	S	S	57,300	57,400	S	60,000	70,000	45,000
Female	49,000	S	S	S	S	49,000	49,000	S	S	S	S
Physical/related sciences, total	70,000	76,000	77,000	50,000	72,000	54,000	54,900	40,000	73,200	75,000	52,000
Male	70,000	78,000	78,200	55,000	74,000	55,000	57,000	41,500	74,900	76,000	55,000
Female	57,200	69,000	70,000	S	62,000	42,000	43,000	37,000	65,600	66,000	S
Chemistry, except biochemistry	70,000	77,000	77,400	45,000	71,100	50,000	50,000	45,000	69,000	71,100	55,000
Male	72,000	78,000	79,500	60,000	72,000	52,000	52,500	45,800	70,000	74,000	59,700
Female	59,000	69,300	70,000	S	S	38,500	38,500	37,900	60,000	63,400	S
Earth science, geology and oceanography	60,000	65,000	67,500	S	60,000	52,000	53,800	40,000	72,100	75,000	47,000
Male	60,000	65,000	65,500	S	62,000	54,600	56,000	40,000	72,000	75,000	47,000
Female	46,000	63,000	72,000	S	S	43,000	44,200	S	S	S	S
Physics/astronomy	71,000	77,000	77,500	48,000	76,900	60,000	60,000	39,000	78,000	78,000	75,000
Male	72,100	78,000	78,700	43,000	77,500	60,000	62,000	39,000	80,000	80,000	80,000
Female	59,000	65,000	65,000	S	S	49,000	49,000	S	70,000	70,000	S
Other physical sciences	60,000	68,000	73,000	S	S	54,000	55,000	S	65,000	S	S
Male	63,000	67,000	S	S	S	57,200	57,200	S	68,000	S	S
Female	56,700	S	S	S	S	S	S	S	S	S	S

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Doctorate — continued											
Social/related sciences, total	\$57,000	\$70,000	\$75,000	\$70,000	\$57,000	\$52,000	\$52,000	\$55,000	\$60,000	\$68,500	\$54,000
Male	60,600	75,000	80,500	74,900	62,000	56,000	56,000	57,000	60,000	69,000	55,000
Female	50,000	60,000	61,000	63,000	50,000	46,900	46,000	51,000	56,000	68,000	51,300
Economics	66,400	89,000	95,000	S	64,000	60,000	60,000	S	72,200	76,000	56,200
Male	67,000	90,000	100,000	S	63,000	62,000	62,000	S	72,000	75,000	S
Female	64,000	86,000	95,000	S	S	54,000	53,000	S	77,000	80,000	S
Political/related sciences	58,000	84,000	91,000	S	61,300	53,900	53,000	56,000	71,000	85,000	65,000
Male	60,000	90,000	91,000	S	61,000	56,000	56,000	S	70,000	80,000	S
Female	50,000	77,000	S	S	S	45,000	45,000	S	91,000	S	S
Psychology	57,000	65,000	70,000	70,000	55,000	51,000	50,000	55,000	56,700	65,000	53,700
Male	62,000	75,000	80,000	75,000	61,500	56,000	55,000	59,000	60,000	65,000	55,000
Female	50,000	56,000	60,000	65,000	48,000	45,000	44,100	51,000	53,000	63,000	51,000
Sociology/anthropology	51,300	65,000	65,300	35,000	66,100	50,000	50,000	46,000	53,000	64,100	45,000
Male	53,300	65,000	70,000	S	66,000	52,000	52,000	46,000	53,000	61,000	49,000
Female	48,000	60,000	56,000	S	70,000	45,000	45,000	44,200	56,000	65,500	S
Other social sciences	52,000	66,900	68,000	S	60,000	50,000	50,000	56,000	61,000	61,000	S
Male	56,000	66,500	74,900	S	S	54,000	53,000	S	61,000	S	S
Female	49,000	67,000	68,000	S	S	46,900	46,900	S	61,000	S	S
Engineering, total	75,000	78,000	78,000	60,000	76,000	67,000	67,800	46,400	72,000	76,000	53,000
Male	75,000	79,000	79,400	60,000	78,000	68,200	69,000	46,000	73,000	78,000	52,000
Female	60,000	65,000	66,000	S	S	50,300	54,000	S	60,000	60,000	S
Aerospace/related engineering	73,000	78,000	80,000	S	S	73,000	73,000	S	75,000	75,000	S
Male	73,000	78,000	80,000	S	S	73,000	73,000	S	75,000	75,000	S
Female	S	S	S	S	S	S	S	S	S	S	S

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

Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1997

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Doctorate — continued											
Chemical engineering	\$78,000	\$80,000	\$80,000	S	S	\$67,000	\$67,000	S	\$78,000	\$78,000	S
Male	78,200	80,100	80,000	S	S	68,000	68,200	S	78,000	78,000	S
Female	67,700	69,000	70,000	S	S	S	S	S	S	S	S
Civil/architectural engineering	67,000	80,000	80,000	S	S	60,000	60,000	S	64,000	80,000	\$49,000
Male	68,000	80,000	80,000	S	S	60,000	60,000	S	65,000	80,100	49,000
Female	50,000	S	S	S	S	S	S	S	S	S	S
Electrical/related engineering	76,200	80,000	80,000	S	\$81,500	70,000	70,000	S	72,000	70,500	S
Male	77,600	80,000	80,000	S	81,500	70,000	70,000	S	72,500	72,100	S
Female	66,000	70,000	70,000	S	S	55,000	55,000	S	S	S	S
Industrial engineering	65,000	70,000	65,000	S	S	62,000	64,000	S	S	S	S
Male	68,000	70,000	72,100	S	S	62,000	62,000	S	S	S	S
Female	60,000	S	S	S	S	S	S	S	S	S	S
Mechanical engineering	73,000	75,000	75,000	S	S	64,000	65,000	S	79,000	80,000	S
Male	74,000	75,000	75,000	S	S	64,000	65,000	S	83,000	83,000	S
Female	53,500	S	S	S	S	S	S	S	S	S	S
Other engineering	75,000	76,000	76,000	\$40,000	84,000	69,000	70,000	S	72,000	76,300	58,000
Male	75,000	77,000	77,600	S	92,000	72,000	72,000	S	73,000	78,500	58,000
Female	58,000	65,000	65,000	S	S	48,000	49,000	S	S	S	S
Non-S&E degrees, total	58,000	60,000	67,500	40,000	36,000	58,000	56,000	\$58,700	58,000	S	53,700
Male	60,000	60,000	67,500	S	40,000	60,400	62,000	60,000	65,000	S	S
Female	47,000	54,500	S	S	S	45,200	45,000	49,900	S	S	S

1 Includes professional degrees

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.

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)