

**Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1999**

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
<b>All degree levels<sup>1</sup></b>											
<b>All degree fields, total</b> .....	\$54,000	\$60,000	\$62,000	\$55,000	\$40,000	\$41,000	\$45,000	\$38,300	\$50,000	\$60,000	\$45,000
Male .....	60,000	65,000	67,000	60,000	49,000	48,000	54,000	43,000	54,200	61,800	49,900
Female .....	40,000	44,000	47,800	38,000	35,000	36,200	38,000	36,000	42,000	50,500	38,300
<b>S&amp;E degree fields, total</b> .....	50,800	56,000	60,000	45,000	36,000	38,800	43,000	35,000	49,000	58,000	42,500
Male .....	59,000	61,000	63,000	50,000	45,000	45,000	50,000	39,000	53,000	60,000	47,800
Female .....	38,600	40,000	43,000	33,800	32,000	34,000	35,400	32,300	39,200	49,100	35,000
<b>Sciences, total</b> .....	45,000	50,000	52,000	40,000	35,000	38,000	42,000	35,000	45,000	53,000	40,000
Male .....	52,000	57,000	60,000	48,000	42,000	43,000	48,000	39,000	49,000	57,000	44,000
Female .....	37,000	39,900	41,000	33,800	31,000	34,000	35,500	32,300	38,000	46,900	35,000
<b>Computer/math sciences, total</b> .....	61,000	66,000	67,000	52,700	55,000	41,000	50,000	36,000	53,000	60,000	47,000
Male .....	65,000	69,100	70,000	60,000	59,000	46,000	53,200	40,000	59,000	60,000	50,000
Female .....	52,000	60,000	61,000	42,000	45,000	37,000	45,000	35,000	48,000	54,000	42,000
Computer/information sciences .....	65,000	66,900	67,000	50,000	55,000	47,000	51,500	42,800	54,000	60,000	45,000
Male .....	67,000	70,000	70,000	65,000	60,000	48,000	53,000	42,900	55,000	60,000	50,000
Female .....	58,600	60,000	62,000	S	45,600	45,800	49,000	42,000	51,000	58,000	44,300
Mathematical sciences .....	56,900	65,000	66,000	55,000	50,000	38,000	50,000	35,000	53,000	60,000	49,700
Male .....	62,500	68,500	70,000	60,000	58,000	45,000	53,200	37,000	60,000	61,000	55,000
Female .....	45,000	59,000	60,000	S	40,000	35,000	39,600	35,000	43,300	50,000	39,200
<b>Life/related sciences, total</b> .....	41,000	42,000	45,000	36,000	38,000	37,000	38,000	35,000	45,000	51,900	41,000
Male .....	46,000	48,000	50,000	40,000	43,000	41,500	43,000	39,000	47,500	53,000	42,500
Female .....	35,900	36,000	37,000	30,000	35,000	33,800	35,000	33,000	41,700	46,000	36,000
Agricultural/food sciences .....	41,500	41,500	43,000	35,000	34,500	35,900	36,000	35,000	49,000	52,000	42,500
Male .....	45,000	45,000	46,400	35,000	39,000	45,000	46,000	39,000	50,000	53,000	42,500
Female .....	34,600	35,000	35,000	S	S	30,000	30,000	29,500	40,000	42,000	S
Biological sciences .....	41,000	43,000	45,000	40,000	39,000	37,000	38,400	36,000	45,000	50,000	41,000
Male .....	47,000	50,000	52,000	50,000	43,000	40,300	43,000	38,000	46,000	52,700	43,000
Female .....	36,000	36,500	38,000	30,000	36,000	34,000	35,000	33,000	42,000	48,000	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: 1999**

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
<b>All degree levels<sup>1</sup> — continued</b>											
Environmental life sciences .....	\$42,000	\$40,000	\$40,000	S	\$26,000	\$42,900	\$43,000	\$42,900	\$47,700	\$54,000	\$40,000
Male .....	45,000	40,000	42,000	S	43,000	43,000	43,000	S	50,000	54,000	42,000
Female .....	34,000	32,000	35,000	S	S	35,000	38,000	35,000	36,500	41,700	33,600
<b>Physical/related sciences, total</b> .....	56,000	61,000	62,000	\$45,000	55,300	40,000	45,000	35,000	52,000	62,000	43,000
Male .....	60,000	65,000	65,000	47,000	57,500	46,000	50,000	36,500	55,000	65,000	44,700
Female .....	42,000	48,000	50,000	42,000	42,000	33,000	30,000	35,000	45,000	49,000	39,700
Chemistry, except biochemistry .....	55,000	60,000	62,000	40,000	46,000	38,000	39,000	38,000	50,000	53,000	46,200
Male .....	60,000	65,000	66,000	45,000	48,000	43,000	43,000	39,000	50,000	61,000	44,000
Female .....	42,000	48,000	50,000	S	36,000	31,000	27,500	37,500	48,700	42,000	52,000
Earth science, geology and oceanography .....	50,000	53,000	55,000	45,000	55,000	42,300	50,000	32,000	49,500	56,000	43,000
Male .....	51,000	55,000	55,000	45,000	93,900	45,000	51,400	31,500	50,000	56,000	45,000
Female .....	40,000	40,000	40,000	S	S	35,000	39,000	35,000	48,000	51,000	36,500
Physics/astronomy .....	65,000	70,700	71,000	75,000	60,000	50,000	54,000	38,000	74,000	79,000	47,000
Male .....	68,000	72,000	72,000	75,000	60,000	52,000	56,000	37,500	76,000	79,000	48,000
Female .....	50,000	60,000	60,000	S	S	40,000	40,000	42,000	44,700	61,000	S
Other physical sciences .....	52,000	62,000	62,500	S	S	32,000	36,000	32,000	52,000	67,700	32,000
Male .....	59,000	62,900	64,000	S	S	36,000	37,000	S	53,100	68,000	S
Female .....	36,000	45,000	37,000	S	S	32,000	S	32,000	S	S	S
<b>Social/related sciences, total</b> .....	40,000	42,000	45,000	43,000	31,200	37,000	41,700	34,500	41,000	50,000	39,000
Male .....	48,000	50,000	50,000	50,000	35,000	43,000	50,000	39,000	46,000	54,200	44,000
Female .....	35,000	35,000	36,000	35,000	30,000	33,000	36,000	32,000	36,000	43,000	34,000
Economics .....	52,000	53,000	56,000	40,000	37,000	45,000	52,500	39,000	47,300	50,000	46,300
Male .....	55,000	60,000	60,000	40,000	45,000	52,000	58,500	41,000	49,000	50,000	47,200
Female .....	44,500	43,000	45,000	S	33,000	39,000	41,000	35,000	46,900	47,100	45,000

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: 1999**

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
<b>All degree levels<sup>1</sup> — continued</b>											
Political/related sciences .....	\$45,000	\$45,000	\$45,000	\$60,000	\$35,000	\$37,000	\$45,000	\$33,000	\$46,000	\$60,000	\$42,000
Male .....	50,000	50,000	50,000	60,000	36,000	42,000	53,000	36,000	50,000	61,800	46,000
Female .....	37,000	38,000	39,900	30,000	33,000	32,000	35,000	29,000	40,000	50,000	32,000
Psychology .....	39,000	39,400	40,000	43,000	30,000	38,000	40,000	36,200	40,000	48,800	38,000
Male .....	48,000	50,000	50,000	50,000	34,000	46,000	47,500	46,000	47,000	60,000	43,800
Female .....	34,000	35,000	36,000	35,000	29,500	34,000	36,400	33,000	34,000	41,000	33,000
Sociology/anthropology .....	36,000	35,000	36,000	40,000	30,000	35,000	40,000	31,000	38,600	44,000	36,000
Male .....	42,000	45,000	45,000	46,000	35,000	40,000	45,000	33,000	40,700	44,000	40,000
Female .....	32,000	30,000	32,000	30,000	28,400	31,500	35,000	30,000	36,000	43,000	34,000
Other social sciences .....	39,000	40,000	42,000	32,000	34,000	35,000	41,000	32,300	40,000	47,000	39,500
Male .....	43,000	45,000	45,000	35,000	34,000	37,000	45,000	33,500	47,800	50,000	45,000
Female .....	35,000	36,000	38,000	18,000	35,000	34,000	40,000	31,000	35,000	36,000	34,000
<b>Engineering, total</b> .....	65,000	67,000	68,000	50,000	66,900	51,600	56,500	36,000	60,000	64,500	56,000
Male .....	66,700	69,000	69,600	50,000	70,000	55,000	58,100	38,000	60,800	65,000	57,000
Female .....	55,000	56,000	56,000	S	59,000	30,000	33,000	28,200	55,700	58,000	48,000
Aerospace/related engineering .....	68,000	68,500	70,000	45,000	S	50,000	65,000	S	63,400	66,200	S
Male .....	68,500	70,000	70,000	45,000	S	65,000	68,000	S	66,000	67,000	S
Female .....	60,000	64,000	64,000	S	S	S	S	S	S	S	S
Chemical engineering .....	70,000	70,000	70,000	S	78,000	40,000	52,000	S	59,500	61,000	54,600
Male .....	71,000	72,800	72,100	S	78,000	62,500	64,400	S	60,000	61,000	54,600
Female .....	55,000	57,900	57,900	S	S	23,000	19,000	S	52,000	S	S
Civil/architectural engineering .....	60,000	60,000	60,000	52,000	70,000	57,000	58,000	S	60,000	65,000	57,600
Male .....	60,000	62,000	62,000	52,000	70,000	58,000	60,000	S	60,000	65,000	58,000
Female .....	50,000	46,000	46,100	S	S	18,000	16,000	S	55,300	60,000	46,000

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: 1999**

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
<b>All degree levels<sup>1</sup> — continued</b>											
Electrical/related engineering .....	\$70,000	\$70,500	\$71,000	\$41,300	\$70,000	\$55,000	\$57,400	\$38,000	\$65,000	\$66,000	\$56,000
Male .....	70,000	71,500	72,000	40,000	71,000	56,000	57,400	42,000	65,000	67,000	56,000
Female .....	60,300	63,000	63,000	S	S	24,000	31,000	S	60,000	60,300	S
Industrial engineering .....	60,000	60,000	60,000	70,000	S	49,000	52,500	S	60,000	60,000	S
Male .....	60,000	63,000	62,500	70,000	S	49,000	55,000	S	60,000	60,000	S
Female .....	52,000	52,000	51,000	S	S	49,000	49,000	S	50,000	S	S
Mechanical engineering .....	63,900	65,000	65,000	50,000	61,000	51,000	55,000	S	60,000	60,000	53,000
Male .....	65,000	65,000	65,000	50,000	61,000	55,000	60,000	S	60,000	62,000	53,000
Female .....	54,000	54,000	55,000	S	S	25,000	25,000	S	57,000	57,000	S
Other engineering .....	65,000	65,200	67,000	45,000	62,000	50,000	55,000	25,000	62,000	67,000	56,000
Male .....	65,700	68,000	68,000	45,000	68,000	53,000	56,000	25,000	64,000	69,600	57,000
Female .....	53,000	56,000	56,000	S	S	32,000	44,600	S	51,000	54,000	41,000
<b>Non-S&amp;E degrees, total</b> .....	62,000	72,000	75,000	80,000	46,000	48,000	54,000	45,000	56,000	65,000	52,000
Male .....	71,000	80,000	80,000	90,000	54,900	54,000	68,000	49,000	60,000	66,000	53,100
Female .....	50,000	55,000	60,000	50,000	40,000	41,000	41,000	40,000	52,000	60,000	50,000
<b>Bachelor's</b>											
<b>All degree fields, total</b> .....	\$49,000	\$52,000	\$55,000	\$40,000	\$34,700	\$31,500	\$33,000	\$30,000	\$45,800	\$52,700	\$41,300
Male .....	55,000	59,000	60,000	45,000	42,000	35,000	37,000	34,000	50,000	56,000	46,000
Female .....	36,000	40,000	42,000	30,000	30,000	30,000	31,000	29,000	37,600	46,900	34,000
<b>S&amp;E degree fields, total</b> .....	48,000	52,000	55,000	40,000	32,500	31,000	32,000	30,000	45,000	52,000	40,800
Male .....	55,000	58,500	60,000	45,000	41,000	34,600	35,000	34,000	50,000	56,000	46,000
Female .....	35,000	38,500	40,000	30,000	29,500	30,000	30,000	29,000	36,400	45,000	33,000
<b>Sciences, total</b> .....	42,000	46,000	50,000	40,000	31,500	30,900	31,500	30,000	41,000	48,000	38,000
Male .....	50,000	52,000	55,000	42,000	37,000	33,500	33,000	33,500	45,000	50,600	42,500
Female .....	35,000	36,000	40,000	30,000	29,100	30,000	30,000	29,000	35,000	42,700	32,900

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: 1999**

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
<b>Bachelor's — continued</b>											
<b>Computer/math sciences, total</b> .....	\$60,000	\$63,000	\$64,000	\$52,000	\$50,000	\$34,700	\$46,000	\$32,000	\$50,000	\$54,000	\$47,000
Male .....	62,500	65,000	65,000	55,000	57,000	35,000	42,700	33,000	54,000	59,000	51,200
Female .....	50,000	58,000	59,200	S	40,000	32,000	48,800	30,000	44,300	50,000	39,200
Computer/information sciences .....	60,000	63,000	64,000	50,000	53,000	43,000	46,000	38,000	50,000	54,000	45,000
Male .....	64,000	65,000	65,000	54,000	54,000	42,000	43,000	38,000	52,000	55,000	47,000
Female .....	56,000	58,100	60,000	S	S	46,000	S	S	48,000	52,000	S
Mathematical sciences .....	55,000	62,500	63,000	52,700	45,000	31,000	41,000	30,000	50,000	53,000	49,700
Male .....	60,000	65,000	66,000	S	58,000	32,000	41,000	32,000	60,000	60,000	55,000
Female .....	43,000	52,700	55,000	S	40,000	30,000	48,800	30,000	43,300	S	34,000
<b>Life/related sciences, total</b> .....	38,000	40,000	40,000	35,000	35,000	30,000	30,000	32,000	42,000	45,000	39,000
Male .....	42,000	45,000	46,000	36,000	42,000	32,000	30,000	35,000	44,700	50,000	41,000
Female .....	33,000	33,600	35,000	30,000	32,000	30,000	30,000	30,000	36,400	40,000	35,000
Agricultural/food sciences .....	40,000	40,000	40,000	35,000	S	30,000	27,000	30,000	47,000	52,000	42,500
Male .....	42,500	43,000	45,000	35,000	S	32,000	S	S	50,000	53,000	42,500
Female .....	31,000	33,500	33,500	S	S	25,000	22,000	S	40,000	S	S
Biological sciences .....	38,000	40,000	41,000	35,000	36,000	31,000	30,000	33,000	40,000	42,000	38,000
Male .....	42,000	47,000	49,500	42,000	42,000	32,500	30,000	35,000	42,000	44,000	41,000
Female .....	33,000	34,000	35,000	30,000	32,000	30,000	30,000	30,000	36,800	42,000	36,000
Environmental life sciences .....	38,000	37,000	40,000	S	S	30,000	S	30,000	43,000	46,000	40,000
Male .....	40,000	40,000	40,000	S	S	S	S	S	45,000	51,000	40,000
Female .....	29,000	29,000	32,000	S	S	S	S	S	S	S	S
<b>Physical/related sciences, total</b> .....	50,000	55,100	56,200	42,000	46,000	29,000	26,500	31,000	47,000	51,000	43,000
Male .....	53,000	60,000	60,000	45,000	53,000	29,000	29,000	30,000	48,000	53,100	43,000
Female .....	38,000	42,500	43,000	S	42,000	28,900	20,000	32,000	38,000	42,000	32,000

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**Table F-2. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1999**

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		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
<b>Bachelor's — continued</b>											
Chemistry, except biochemistry .....	\$50,000	\$55,000	\$56,000	\$40,000	\$42,000	\$28,000	\$20,000	\$35,000	\$48,000	\$49,000	\$48,000
Male .....	54,000	60,000	60,000	S	S	28,800	28,000	34,000	48,000	55,000	42,000
Female .....	40,000	43,000	45,500	S	S	28,000	19,000	38,000	43,000	S	S
Earth science, geology and oceanography .....	48,000	50,000	50,000	45,000	S	31,000	34,200	30,000	46,200	51,000	43,000
Male .....	49,000	52,000	52,500	S	S	31,000	45,000	30,000	46,300	50,000	45,000
Female .....	32,000	32,000	33,000	S	S	27,600	S	30,000	40,000	S	S
Physics/astronomy .....	57,300	61,000	61,000	S	S	26,500	26,500	27,600	55,000	63,000	S
Male .....	59,000	62,000	62,000	S	S	26,500	26,500	27,600	60,000	63,000	S
Female .....	46,000	48,000	48,000	S	S	30,000	S	S	S	S	S
Other physical sciences .....	43,000	60,000	60,000	S	S	30,000	S	30,000	S	S	S
Male .....	57,000	60,000	63,000	S	S	S	S	S	S	S	S
Female .....	32,000	43,100	S	S	S	S	S	S	S	S	S
<b>Social/related sciences, total</b> .....	39,000	40,000	43,000	40,000	29,100	30,000	32,000	30,000	40,000	46,000	37,000
Male .....	45,000	48,000	50,000	48,000	31,400	35,000	39,000	33,000	44,600	49,000	42,000
Female .....	32,200	34,000	36,000	30,000	28,000	28,500	31,000	28,000	35,000	42,000	32,000
Economics .....	50,000	52,000	55,000	40,000	31,600	37,000	37,000	32,000	46,000	46,900	45,000
Male .....	52,000	55,000	60,000	40,000	S	38,400	S	S	45,000	46,000	S
Female .....	43,000	43,000	45,000	S	S	30,000	S	S	46,300	S	S
Political/related sciences .....	42,000	45,000	45,000	60,000	33,000	32,000	35,000	31,000	45,000	54,000	41,300
Male .....	46,800	49,800	49,500	65,000	35,000	37,000	S	36,000	48,000	60,700	45,000
Female .....	35,000	37,000	38,000	S	31,200	29,000	30,000	28,000	39,000	50,000	31,000
Psychology .....	35,000	36,000	40,000	33,800	27,000	28,500	31,500	28,000	36,800	44,600	34,000
Male .....	43,000	45,000	50,000	40,000	26,600	35,000	32,000	35,000	43,800	56,000	41,000
Female .....	30,800	32,000	35,000	26,000	27,000	27,300	30,000	26,500	30,500	38,600	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: 1999**

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
<b>Bachelor's — continued</b>											
Sociology/anthropology .....	\$35,000	\$35,000	\$35,000	\$38,000	\$29,000	\$30,900	\$31,500	\$30,000	\$38,100	\$42,000	\$36,000
Male .....	40,000	43,000	44,000	46,000	35,000	35,000	S	32,000	40,000	42,000	40,000
Female .....	31,000	30,000	32,000	S	28,000	30,000	31,000	28,600	35,000	43,000	33,000
Other social sciences .....	37,000	39,000	42,000	35,000	31,400	30,000	34,000	30,000	40,000	46,000	38,000
Male .....	40,000	42,600	45,000	S	S	32,000	S	32,000	47,000	50,000	45,000
Female .....	34,000	36,000	36,000	S	30,000	30,000	34,000	30,000	35,000	S	34,000
<b>Engineering, total</b> .....	62,000	64,000	65,000	50,000	60,000	38,000	42,500	35,000	60,000	61,000	56,000
Male .....	63,200	65,000	65,000	50,000	60,000	42,000	46,300	36,000	60,000	62,500	57,600
Female .....	52,000	52,000	52,000	S	S	20,000	19,000	S	52,000	56,500	44,000
Aerospace/related engineering .....	65,000	65,000	65,000	S	S	40,000	35,000	S	69,000	69,000	S
Male .....	65,000	65,000	66,000	S	S	43,000	40,000	S	69,000	69,100	S
Female .....	60,000	64,000	64,000	S	S	S	S	S	S	S	S
Chemical engineering .....	65,000	67,600	67,000	S	S	22,000	19,000	S	59,300	60,000	54,700
Male .....	68,000	70,000	70,000	S	S	S	S	S	59,500	60,400	S
Female .....	54,000	55,000	55,000	S	S	S	S	S	52,000	S	S
Civil/architectural engineering .....	59,500	60,000	60,000	52,000	S	46,200	S	S	58,000	62,300	57,600
Male .....	60,000	60,000	60,000	52,000	S	50,000	S	S	59,500	65,000	58,000
Female .....	46,000	46,000	46,000	S	S	S	S	S	50,000	S	43,000
Electrical/related engineering .....	65,900	68,000	68,600	35,000	65,000	43,000	49,000	38,000	60,000	63,000	57,000
Male .....	67,000	69,000	70,000	35,000	70,000	46,300	49,000	38,000	61,000	65,000	57,000
Female .....	56,900	56,600	57,000	S	S	S	S	S	60,000	60,000	S
Industrial engineering .....	60,000	60,000	60,000	S	S	S	S	S	60,000	60,000	S
Male .....	60,000	60,000	60,000	S	S	S	S	S	60,000	60,000	S
Female .....	50,000	50,000	48,500	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: 1999**

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
<b>Bachelor's — continued</b>											
Mechanical engineering .....	\$61,000	\$62,000	\$62,400	\$45,000	S	\$45,000	\$47,500	S	\$58,000	\$60,000	\$57,000
Male .....	62,000	63,000	64,500	45,000	S	50,000	S	S	60,000	60,000	57,000
Female .....	53,000	53,000	53,000	S	S	S	S	S	S	S	S
Other engineering .....	60,000	60,300	62,000	40,000	S	27,500	38,000	S	55,000	58,000	52,000
Male .....	61,000	63,000	65,000	40,000	S	30,000	38,000	S	57,000	64,000	55,500
Female .....	48,000	48,000	48,000	S	S	S	S	S	51,000	S	S
<b>Non-S&amp;E degrees, total</b> .....	55,000	58,800	60,000	47,000	\$45,000	40,000	42,000	\$32,000	50,000	55,000	46,800
Male .....	60,000	60,000	61,000	48,000	52,000	42,000	50,000	36,000	51,000	56,000	48,000
Female .....	47,000	51,000	54,600	S	40,000	36,000	40,000	29,100	46,800	48,000	44,000
<b>Master's</b>											
<b>All degree fields, total</b> .....	\$58,000	\$68,000	\$72,000	\$50,000	\$42,000	\$44,000	\$40,000	\$45,000	\$54,000	\$64,500	\$49,000
Male .....	65,000	73,000	75,000	57,000	50,000	48,000	43,000	49,000	57,000	66,000	50,000
Female .....	45,000	50,000	57,000	40,000	39,800	40,000	38,500	42,000	48,000	58,000	43,300
<b>S&amp;E degree fields, total</b> .....	60,000	68,000	70,000	50,000	42,000	43,000	38,500	45,300	55,000	65,000	47,000
Male .....	65,000	72,000	72,200	55,000	55,000	46,000	40,000	49,000	60,000	67,000	50,000
Female .....	45,000	50,000	57,000	40,000	39,000	41,000	36,000	43,000	45,000	59,000	41,100
<b>Sciences, total</b> .....	52,000	60,900	66,000	48,000	40,100	43,000	37,500	45,000	50,000	62,500	43,800
Male .....	60,000	69,200	70,000	53,000	46,000	45,000	38,000	49,000	55,000	65,000	48,000
Female .....	44,000	48,000	55,000	39,500	38,000	41,000	36,000	43,000	44,000	54,000	40,000
<b>Computer/math sciences, total</b> .....	68,800	75,000	75,000	74,900	79,000	45,000	42,000	47,000	63,000	68,000	48,000
Male .....	71,000	77,500	77,000	S	90,000	50,000	45,000	50,000	63,000	65,000	S
Female .....	60,000	68,000	68,000	S	S	41,500	35,000	42,000	63,000	S	S
Computer/information sciences .....	72,000	75,000	75,000	S	90,000	47,600	45,000	48,000	64,800	70,000	S
Male .....	75,000	76,900	76,000	S	S	48,000	50,000	48,000	63,500	68,000	S
Female .....	65,000	68,000	68,100	S	S	43,000	43,000	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: 1999**

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
<b>Master's — continued</b>											
Mathematical sciences .....	\$60,000	\$74,000	\$74,500	S	S	\$44,000	\$37,000	\$46,100	\$61,000	\$65,000	S
Male .....	66,000	78,500	78,700	S	S	50,000	44,000	50,000	63,000	65,000	S
Female .....	48,000	65,000	65,000	S	S	40,000	31,000	42,000	S	S	S
<b>Life/related sciences, total</b> .....	46,400	50,000	52,000	\$60,000	\$39,000	39,000	35,000	47,500	49,500	54,000	\$44,000
Male .....	49,000	57,000	60,000	S	42,000	42,000	35,000	49,000	49,500	54,000	46,000
Female .....	42,000	45,000	49,500	S	39,000	38,000	35,000	45,000	50,000	54,000	42,000
Agricultural/food sciences .....	46,400	49,000	48,000	S	S	39,000	36,000	S	50,000	S	S
Male .....	50,000	50,000	50,000	S	S	49,900	38,000	S	S	S	S
Female .....	39,000	43,000	47,000	S	S	36,000	S	S	S	S	S
Biological sciences .....	45,000	49,700	54,000	S	39,000	39,000	34,000	47,000	48,000	54,000	44,000
Male .....	47,500	60,000	61,000	S	S	40,000	34,000	48,000	48,000	54,000	44,000
Female .....	42,000	45,000	49,700	S	39,000	38,000	33,100	42,000	48,000	52,000	42,000
Environmental life sciences .....	55,000	60,000	60,000	S	S	45,000	S	S	57,000	67,000	50,000
Male .....	61,000	68,000	65,000	S	S	S	S	S	61,000	S	S
Female .....	50,000	46,600	50,000	S	S	S	S	S	S	S	S
<b>Physical/related sciences, total</b> .....	58,000	65,000	67,000	45,000	45,000	40,000	34,000	42,000	60,000	70,000	44,700
Male .....	60,000	67,000	70,000	45,000	50,000	42,700	34,000	46,000	64,600	74,000	42,500
Female .....	45,000	57,000	60,000	S	S	36,800	33,000	38,000	50,000	50,000	51,000
Chemistry, except biochemistry .....	50,000	60,000	60,000	S	S	32,000	27,000	38,000	48,000	S	S
Male .....	58,000	63,000	67,500	S	S	32,000	17,000	S	48,000	S	S
Female .....	40,000	50,000	50,000	S	S	32,000	33,000	32,000	S	S	S
Earth science, geology and oceanography .....	53,000	60,000	62,000	S	S	40,000	34,000	42,000	53,000	63,000	46,000
Male .....	53,000	60,000	62,000	S	S	42,000	34,000	S	55,000	64,500	48,000
Female .....	50,000	60,000	72,000	S	S	35,000	S	S	46,000	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: 1999**

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
<b>Master's — continued</b>											
Physics/astronomy .....	\$69,000	\$74,000	\$75,000	S	S	\$43,000	\$49,000	\$42,000	\$90,000	\$99,800	S
Male .....	70,800	75,000	79,000	S	S	49,000	54,000	S	99,900	99,900	S
Female .....	50,000	64,000	64,000	S	S	S	S	S	S	S	S
Other physical sciences .....	57,500	71,000	72,000	S	S	43,000	S	S	S	S	S
Male .....	62,000	73,000	73,000	S	S	S	S	S	S	S	S
Female .....	50,000	S	S	S	S	S	S	S	S	S	S
<b>Social/related sciences, total</b> .....	45,000	47,900	55,000	\$43,000	\$40,000	44,000	39,000	45,000	48,000	60,000	\$42,800
Male .....	52,000	60,000	65,000	50,000	44,000	45,000	37,300	49,000	52,000	66,000	50,000
Female .....	41,000	40,000	43,000	35,000	38,000	43,000	40,000	44,000	40,000	47,000	40,000
Economics .....	65,000	65,200	65,000	S	S	52,000	44,900	S	66,000	68,300	S
Male .....	69,000	75,000	75,000	S	S	52,000	S	S	66,900	S	S
Female .....	48,000	48,000	45,000	S	S	S	S	S	S	S	S
Political/related sciences .....	55,800	60,000	65,000	50,000	53,000	45,000	40,000	48,000	59,000	62,500	46,000
Male .....	60,000	60,000	65,000	S	S	48,000	S	S	60,000	66,000	48,000
Female .....	45,000	50,000	66,000	S	45,000	40,000	40,000	S	45,000	S	S
Psychology .....	43,600	42,000	47,000	48,000	36,000	45,000	36,000	45,000	44,700	60,000	42,600
Male .....	49,500	55,000	60,000	58,000	40,000	46,500	32,500	49,000	50,000	S	50,000
Female .....	40,000	38,000	40,000	35,000	35,000	42,000	37,000	44,000	41,000	S	40,000
Sociology/anthropology .....	41,000	41,000	49,000	S	39,900	42,000	40,000	44,000	42,000	S	42,000
Male .....	48,000	50,000	55,000	S	S	40,000	S	S	50,000	S	49,000
Female .....	40,000	40,000	31,000	S	41,000	44,000	46,000	S	36,300	S	35,000
Other social sciences .....	43,000	42,000	44,000	S	42,000	43,000	40,000	43,000	44,000	50,000	41,000
Male .....	44,000	45,000	55,000	S	S	42,000	S	43,600	50,000	S	45,000
Female .....	42,000	42,000	41,800	S	42,000	43,000	50,000	43,000	39,000	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: 1999**

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
<b>Master's — continued</b>											
<b>Engineering, total</b> .....	\$70,000	\$73,000	\$73,500	\$60,000	\$72,500	\$47,100	\$49,000	\$47,100	\$65,000	\$68,000	\$56,000
Male .....	72,000	75,000	75,000	60,000	74,000	50,000	52,000	S	65,000	69,000	56,000
Female .....	60,500	63,200	63,000	S	S	32,000	32,000	S	60,000	65,000	59,000
Aerospace/related engineering .....	70,000	74,000	75,000	S	S	20,000	20,000	S	54,000	55,000	S
Male .....	70,000	75,000	75,000	S	S	S	S	S	54,000	55,000	S
Female .....	56,000	S	S	S	S	S	S	S	S	S	S
Chemical engineering .....	77,000	78,000	78,000	S	S	18,000	18,000	S	S	S	S
Male .....	80,100	81,000	82,000	S	S	S	S	S	S	S	S
Female .....	60,000	64,000	65,000	S	S	S	S	S	S	S	S
Civil/architectural engineering .....	63,000	65,000	65,000	60,000	S	60,000	61,500	S	61,500	75,000	59,000
Male .....	65,000	67,000	66,000	60,000	S	60,000	S	S	61,500	76,000	60,000
Female .....	54,000	50,000	50,000	S	S	S	S	S	61,000	S	59,000
Electrical/related engineering .....	77,000	80,000	80,000	60,000	S	56,000	56,500	S	68,000	69,000	50,000
Male .....	79,000	80,000	80,100	60,000	S	56,500	56,500	S	68,000	69,200	S
Female .....	68,000	70,000	70,000	S	S	S	S	S	S	S	S
Industrial engineering .....	65,500	68,000	70,000	S	S	S	S	S	60,000	62,000	S
Male .....	67,000	70,000	72,000	S	S	S	S	S	60,000	62,000	S
Female .....	60,000	63,000	59,000	S	S	S	S	S	S	S	S
Mechanical engineering .....	69,000	70,000	70,000	S	S	47,100	51,000	S	63,000	67,600	S
Male .....	70,000	71,000	70,000	S	S	47,100	51,000	S	63,000	67,600	S
Female .....	60,000	60,000	60,000	S	S	S	S	S	S	S	S
Other engineering .....	69,000	70,000	70,000	S	S	43,000	46,000	S	64,000	67,700	61,000
Male .....	70,000	70,800	70,000	S	S	46,000	46,000	S	65,000	68,000	61,000
Female .....	61,000	65,000	65,200	S	S	S	S	S	60,000	60,000	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: 1999**

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
<b>Master's — continued</b>											
<b>Non-S&amp;E degrees, total</b> .....	\$56,000	\$68,000	\$74,900	\$50,000	\$42,000	\$45,000	\$42,000	\$45,000	\$52,600	\$62,000	\$50,000
Male .....	65,000	75,000	80,000	60,000	45,000	49,500	50,700	49,000	55,000	65,000	50,000
Female .....	45,000	50,000	57,000	45,000	40,000	40,000	39,200	41,000	49,300	55,000	46,000
<b>Doctorate</b>											
<b>All degree fields, total</b> .....	\$68,000	\$80,000	\$82,000	\$65,000	\$60,000	\$58,400	\$59,500	\$54,000	\$69,500	\$75,000	\$57,000
Male .....	71,500	81,000	84,000	65,000	67,100	62,000	63,000	56,100	72,000	76,000	59,000
Female .....	55,000	68,000	70,000	65,000	51,000	49,000	50,000	46,000	60,000	68,500	54,000
<b>S&amp;E degree fields, total</b> .....	69,900	80,000	83,000	65,000	67,000	58,300	59,800	50,000	70,000	75,000	56,500
Male .....	72,800	83,500	85,000	70,000	71,000	62,000	62,500	53,000	72,000	78,000	59,000
Female .....	56,000	70,000	72,100	60,000	59,500	49,800	50,000	43,500	60,000	68,000	55,000
<b>Sciences, total</b> .....	65,000	80,000	82,000	65,000	63,500	56,000	57,000	50,000	69,000	75,000	56,000
Male .....	70,000	82,000	85,000	70,000	67,000	60,000	60,000	53,000	71,200	76,900	59,000
Female .....	55,000	68,000	72,000	60,000	58,000	49,000	50,000	44,900	60,000	67,000	55,000
<b>Computer/math sciences, total</b> .....	72,000	90,000	90,000	100,000	83,200	60,000	61,000	52,000	69,000	69,600	S
Male .....	73,000	91,800	91,800	S	85,000	62,300	63,000	52,000	69,600	69,600	S
Female .....	64,700	83,000	83,000	S	S	52,000	52,000	S	S	S	S
Computer/information sciences .....	80,000	100,000	100,000	S	S	68,000	68,200	S	66,000	S	S
Male .....	82,000	100,000	100,000	S	S	70,000	70,000	S	S	S	S
Female .....	72,000	83,000	84,000	S	S	61,000	61,000	S	S	S	S
Mathematical sciences .....	67,000	83,000	82,900	S	83,200	58,000	59,000	52,000	75,000	76,000	S
Male .....	68,000	83,000	82,500	S	83,300	60,000	60,000	50,400	77,000	77,000	S
Female .....	59,400	82,000	83,000	S	S	48,000	47,300	S	S	S	S
<b>Life/related sciences, total</b> .....	62,000	75,000	80,000	50,000	58,000	55,000	56,000	45,000	67,000	70,000	55,000
Male .....	66,000	80,000	82,000	50,000	57,000	60,000	60,000	50,000	70,000	74,000	55,000
Female .....	54,000	65,700	70,000	40,000	60,000	49,000	50,000	35,000	61,000	65,000	54,000

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: 1999**

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
<b>Doctorate — continued</b>											
Agricultural/food sciences .....	\$62,000	\$70,000	\$72,000	\$45,000	S	\$56,500	\$57,000	\$45,000	\$59,900	\$66,500	S
Male .....	63,000	70,000	74,500	45,000	S	58,900	59,000	S	62,000	70,000	S
Female .....	56,000	60,000	60,000	S	S	48,000	48,000	S	54,200	S	S
Biological sciences .....	62,000	78,000	81,300	50,000	\$58,000	55,000	55,000	43,000	69,000	70,000	\$60,000
Male .....	67,000	81,000	85,000	60,000	58,000	60,000	60,000	50,000	72,600	75,000	62,000
Female .....	54,000	66,000	70,000	40,000	58,000	49,000	50,000	35,000	62,000	65,800	54,000
Environmental life sciences .....	60,000	68,000	74,500	S	S	53,000	54,000	S	61,000	68,200	51,000
Male .....	62,000	74,500	74,900	S	S	59,000	59,000	S	62,000	71,500	51,000
Female .....	52,000	S	S	S	S	46,000	45,000	S	S	S	S
<b>Physical/related sciences, total .....</b>	<b>75,000</b>	<b>83,000</b>	<b>83,000</b>	<b>70,000</b>	<b>78,000</b>	<b>58,000</b>	<b>59,800</b>	<b>45,000</b>	<b>79,000</b>	<b>82,000</b>	<b>57,700</b>
Male .....	76,000	84,000	85,000	72,000	80,000	60,000	61,000	47,000	80,000	84,000	61,000
Female .....	62,000	74,000	74,500	S	62,000	45,000	46,500	39,200	66,000	72,000	S
Chemistry, except biochemistry .....	74,900	83,000	84,000	55,000	75,000	52,000	52,000	44,000	71,100	75,900	56,000
Male .....	76,000	85,000	85,000	70,000	75,400	55,000	55,000	48,000	72,000	78,000	56,000
Female .....	65,000	74,500	75,000	S	S	41,000	42,000	40,000	57,700	68,500	S
Earth science, geology and oceanography .....	65,000	75,000	75,000	S	75,000	56,000	56,400	47,000	75,000	82,000	58,000
Male .....	65,000	75,000	75,000	S	80,800	60,000	60,000	47,000	76,000	83,800	53,200
Female .....	50,000	65,000	67,000	S	S	46,900	48,000	S	66,000	S	S
Physics/astronomy .....	78,000	85,000	84,700	S	81,000	65,000	67,000	45,000	87,200	86,000	90,000
Male .....	80,000	85,000	85,000	S	82,000	66,000	67,000	45,000	87,800	87,500	S
Female .....	65,000	74,000	75,000	S	S	52,000	53,500	S	80,000	80,000	S
Other physical sciences .....	64,000	64,000	64,000	S	S	60,000	60,500	S	75,000	75,000	S
Male .....	66,000	62,000	74,900	S	S	60,000	64,000	S	84,000	S	S
Female .....	64,000	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: 1999**

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
<b>Doctorate — continued</b>											
<b>Social/related sciences, total</b> .....	\$60,000	\$71,000	\$80,000	\$65,500	\$60,000	\$56,000	\$56,200	\$55,000	\$63,000	\$73,000	\$56,000
Male .....	65,000	77,000	85,000	70,000	63,000	60,000	61,000	60,000	66,000	75,000	59,000
Female .....	54,000	62,000	66,000	63,000	57,000	50,000	50,000	48,000	59,000	69,700	55,000
Economics .....	73,000	96,100	102,000	60,000	74,000	66,000	67,000	S	78,000	82,000	64,000
Male .....	75,000	100,000	110,000	60,000	74,000	68,000	68,000	S	76,000	80,000	S
Female .....	66,000	75,000	77,000	S	79,500	56,000	56,000	S	80,000	89,100	S
Political/related sciences .....	62,000	80,000	100,000	S	68,000	58,700	58,300	60,000	80,000	89,000	61,000
Male .....	65,000	80,100	100,000	S	68,000	60,000	60,000	S	80,000	89,000	61,000
Female .....	55,000	80,000	90,000	S	S	52,000	52,000	S	S	S	S
Psychology .....	60,000	70,000	75,000	70,000	56,000	54,000	54,000	55,000	60,000	70,000	56,000
Male .....	65,000	73,000	78,300	74,900	60,000	60,000	60,000	60,000	63,000	72,000	59,000
Female .....	54,000	61,000	66,100	66,000	54,000	48,000	48,000	49,000	57,000	65,000	55,000
Sociology/anthropology .....	55,000	60,000	65,000	50,000	59,000	54,000	54,000	45,000	59,000	69,000	52,000
Male .....	58,000	65,000	70,000	S	57,000	57,000	57,000	51,000	60,000	69,000	53,100
Female .....	50,000	53,000	48,000	S	65,000	48,000	49,000	45,000	54,400	68,500	S
Other social sciences .....	58,100	78,800	80,100	S	65,000	55,000	55,000	55,000	64,000	73,000	56,000
Male .....	63,300	85,000	87,000	S	S	60,000	60,000	S	63,000	S	S
Female .....	52,000	60,000	73,000	S	S	50,000	50,000	45,000	65,000	S	S
<b>Engineering, total</b> .....	80,000	85,000	85,000	80,000	88,000	72,000	72,100	45,000	75,000	80,000	57,000
Male .....	81,000	85,000	85,000	80,100	88,000	74,000	74,000	52,000	75,000	80,100	57,000
Female .....	68,000	75,000	75,000	S	S	54,000	55,000	S	67,000	68,000	S
Aerospace/related engineering .....	80,000	83,000	82,000	S	S	79,000	80,000	S	68,000	68,000	S
Male .....	81,200	83,500	82,000	S	S	80,000	81,000	S	74,000	74,000	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: 1999**

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
<b>Doctorate — continued</b>											
Chemical engineering .....	\$82,600	\$85,000	\$85,000	S	S	\$76,900	\$76,900	S	\$78,400	\$78,500	S
Male .....	85,000	86,000	85,000	S	S	77,000	77,000	S	78,400	78,500	S
Female .....	72,000	74,000	74,000	S	S	S	S	S	S	S	S
Civil/architectural engineering .....	75,000	88,100	87,000	S	S	68,000	70,000	S	65,000	75,000	\$57,000
Male .....	75,700	90,000	88,000	S	S	70,000	70,000	S	65,000	80,500	57,000
Female .....	57,000	S	S	S	S	S	S	S	S	S	S
Electrical/related engineering .....	86,400	90,000	90,000	S	\$86,100	75,000	75,000	S	80,000	80,000	S
Male .....	88,100	90,000	90,000	S	87,000	77,000	76,000	S	80,100	80,100	S
Female .....	75,000	80,000	80,000	S	S	61,800	65,000	S	S	S	S
Industrial engineering .....	75,000	82,000	83,500	S	S	68,000	69,000	S	S	S	S
Male .....	78,000	83,000	85,000	S	S	70,000	70,000	S	S	S	S
Female .....	68,000	S	S	S	S	S	S	S	S	S	S
Mechanical engineering .....	75,000	78,000	78,000	S	80,000	69,500	69,500	S	75,000	75,000	S
Male .....	75,000	78,900	78,000	S	80,000	69,500	69,500	S	75,000	75,000	S
Female .....	66,000	S	S	S	S	S	S	S	S	S	S
Other engineering .....	78,000	80,000	80,100	\$52,500	80,000	70,000	70,000	S	79,000	84,000	57,000
Male .....	80,000	80,100	82,000	52,500	80,000	72,100	73,000	S	81,000	85,000	S
Female .....	66,900	75,000	75,000	S	S	53,100	50,000	S	S	S	S
<b>Non-S&amp;E degrees, total</b> .....	60,000	65,000	70,000	80,000	40,900	58,500	57,000	\$60,000	65,000	S	S
Male .....	65,000	68,000	72,100	S	44,000	63,000	65,000	60,000	65,000	S	S
Female .....	48,000	57,500	S	S	S	48,000	48,000	54,000	S	S	S

1 Total includes professional degrees not broken out separately.

**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, 1997, or 1999 SESTAT surveys. Table includes all full-time employed S&Es who earned a salary of not more than \$150,000. Figures are rounded to nearest hundred.

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

**SOURCE:** National Science Foundation/Science Resources Statistics Division, 1999 SESTAT (Scientists and Engineers Statistical Data System)