

Table G-3. Median annual salaries of U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment sector: 1999

Highest degree, occupation, 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 occupations, total	\$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
S&E occupations, total	60,000	65,000	65,000	72,000	48,000	47,000	48,000	45,000	57,000	63,000	50,000
Male	64,000	67,000	67,000	76,000	60,000	51,500	53,000	47,500	59,000	65,000	51,000
Female	50,000	55,000	57,000	50,000	35,500	40,000	38,000	43,000	49,800	56,000	42,000
Scientists, total	58,500	64,000	65,000	66,000	45,000	45,800	46,000	45,000	52,000	60,000	44,300
Male	62,000	67,000	67,500	76,000	53,000	50,000	51,000	47,500	54,000	62,000	46,000
Female	50,000	55,000	58,000	50,000	35,000	40,000	38,000	43,100	48,000	55,000	41,000
Computer/math scientists, total	64,000	66,000	66,000	96,000	55,000	47,300	49,500	43,000	56,000	62,000	50,000
Male	65,500	69,000	69,000	96,000	61,000	50,000	52,000	47,000	60,000	65,000	50,000
Female	58,000	60,000	61,000	S	50,000	43,000	45,000	43,000	50,000	55,000	48,000
Life/related scientists, total	47,500	52,000	55,000	40,000	36,000	41,700	41,500	42,000	47,500	53,000	40,000
Male	51,000	57,000	58,000	40,000	45,000	50,000	50,000	50,000	48,000	53,000	42,000
Female	39,000	47,300	50,000	S	35,000	33,300	32,000	37,000	42,500	54,300	35,000
Physical/related scientists, total ...	52,000	56,000	56,000	50,000	66,000	44,400	44,300	45,000	52,000	62,000	43,000
Male	56,000	61,000	61,000	55,000	70,000	47,800	48,500	45,000	55,000	63,800	44,000
Female	41,400	42,000	42,000	S	37,000	35,000	34,000	36,000	49,000	50,500	38,000
Social/related scientists, total	47,000	45,000	48,000	60,000	32,000	48,000	49,000	46,300	50,000	61,000	43,000
Male	54,000	60,000	62,000	80,000	40,000	52,000	55,000	48,000	53,000	66,000	49,000
Female	40,000	37,000	40,000	50,000	30,000	43,000	40,700	45,000	42,000	58,000	36,000
Engineers, total	65,000	65,000	65,000	75,000	70,000	57,400	59,000	44,000	60,000	65,700	55,500
Male	65,000	66,800	66,000	77,000	70,000	60,000	60,000	45,000	62,000	67,000	56,000
Female	55,500	56,000	56,000	S	60,000	37,000	40,000	S	57,000	60,000	49,000
Non-S&E occupations, total	50,000	55,000	60,000	50,000	39,000	40,000	43,000	38,000	47,000	54,000	43,900
Male	59,200	65,000	66,900	60,000	45,000	45,000	56,000	42,000	50,000	59,000	48,000
Female	38,500	40,000	41,800	35,000	35,000	36,000	38,000	35,000	40,000	48,000	37,900

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

Table G-3. Median annual salaries of U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment sector: 1999

Highest degree, occupation, 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											
Managers/administrators	\$68,000	\$73,000	\$75,000	\$70,000	\$52,500	\$57,000	\$56,500	\$57,000	\$58,700	\$67,000	\$54,000
Male	75,000	80,000	80,100	70,000	60,000	63,000	73,000	60,000	62,000	71,000	57,000
Female	52,000	52,000	55,000	42,000	47,000	50,000	46,000	53,000	51,000	55,000	50,000
Other non-S&E occupations	42,000	46,000	50,000	50,000	35,000	37,000	40,000	36,000	41,000	47,900	40,000
Male	50,000	53,000	55,000	60,000	40,000	42,000	48,000	40,000	45,000	50,000	43,500
Female	35,000	35,000	37,500	32,000	31,000	34,000	35,000	33,500	36,500	43,000	35,000
Bachelor's											
All occupations, total	\$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
S&E occupations, total	59,000	60,000	60,000	76,000	45,500	32,000	28,200	40,000	55,000	60,000	50,000
Male	60,000	63,000	63,000	76,000	55,000	36,000	32,000	40,000	57,000	61,400	52,000
Female	50,000	53,000	55,000	S	30,000	27,300	25,200	36,000	48,000	53,300	42,000
Scientists, total	55,000	60,000	60,000	76,000	43,000	31,000	27,000	39,000	49,000	55,000	43,400
Male	60,000	63,000	63,700	76,000	50,000	34,600	28,000	40,000	50,000	56,500	45,000
Female	48,000	54,000	55,000	S	30,000	28,000	26,000	39,000	43,400	50,000	42,000
Computer/math scientists, total	60,800	64,000	64,000	96,000	50,000	42,700	45,000	40,000	54,000	60,000	48,000
Male	64,000	65,000	65,000	96,000	55,000	41,000	42,000	40,000	56,000	62,000	50,000
Female	56,000	58,600	60,000	S	43,000	46,000	48,000	S	48,000	51,200	44,000
Life/related scientists, total	37,000	43,000	45,500	S	S	21,000	20,000	S	42,500	46,600	38,000
Male	41,400	43,000	45,000	S	S	21,000	19,300	S	45,000	48,000	40,000
Female	33,600	42,000	46,800	S	S	21,000	21,000	S	36,000	S	34,000
Physical/related scientists, total ...	45,000	47,000	46,400	S	S	16,000	16,000	S	48,800	53,000	45,000
Male	47,000	50,000	50,000	S	S	16,000	16,000	S	47,000	55,000	43,000
Female	38,000	39,500	40,000	S	S	16,000	16,000	S	49,000	S	45,000

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

Table G-3. Median annual salaries of U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment sector: 1999

Highest degree, occupation, 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											
Social/related scientists, total	\$30,000	\$30,000	\$37,000	S	\$27,500	\$28,000	\$22,600	S	\$42,000	\$55,000	\$42,000
Male	35,000	30,000	35,000	S	S	S	S	S	50,000	S	S
Female	29,700	29,700	37,000	S	28,000	28,000	S	S	32,000	S	S
Engineers, total	60,000	61,300	61,000	\$75,000	62,000	45,000	46,000	S	60,000	64,600	56,400
Male	62,000	62,500	62,400	75,000	65,000	48,000	50,000	S	60,000	65,000	57,000
Female	52,000	52,000	52,000	S	S	19,000	19,000	S	55,700	59,000	46,000
Non-S&E occupations, total	41,800	45,600	50,000	40,000	32,000	31,200	35,000	\$30,000	40,000	46,000	38,000
Male	50,000	52,000	55,000	40,000	38,000	35,000	40,000	33,000	45,000	48,000	43,000
Female	33,800	35,000	36,000	30,000	30,000	30,000	32,000	29,000	35,000	43,000	32,400
Managers/administrators	60,000	65,000	67,000	60,000	43,000	42,900	44,800	38,000	52,600	60,000	50,000
Male	70,000	72,100	74,900	60,000	51,000	55,000	58,000	46,000	57,000	66,400	52,000
Female	45,000	45,000	47,200	S	40,000	40,000	40,000	35,000	48,000	50,000	46,000
Other non-S&E occupations	36,000	40,000	40,000	40,000	30,000	30,000	33,000	30,000	37,800	40,700	35,000
Male	41,000	45,000	46,000	40,000	35,000	34,000	38,000	32,000	40,000	41,300	40,000
Female	31,000	32,000	33,000	30,000	28,200	29,100	31,000	28,700	32,400	40,000	30,000
Master's											
All occupations, total	\$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
S&E occupations, total	64,000	70,000	70,000	58,100	43,000	41,000	36,000	46,300	57,600	65,000	48,000
Male	68,000	72,000	72,000	75,000	62,000	43,000	40,000	48,700	60,000	67,000	50,000
Female	50,000	60,000	62,000	45,000	36,000	39,200	32,000	45,000	49,300	60,000	40,000
Scientists, total	60,000	67,000	69,000	52,000	36,000	40,000	35,000	46,300	52,000	63,000	42,600
Male	63,500	70,000	70,000	75,000	50,000	42,000	37,500	48,000	55,000	63,000	44,200
Female	48,000	57,700	61,000	45,000	35,000	39,200	32,000	45,000	49,000	60,000	40,000

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

Table G-3. Median annual salaries of U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment sector: 1999

Highest degree, occupation, 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											
Computer/math scientists, total	\$68,000	\$71,000	\$71,000	\$94,000	\$70,000	\$42,800	\$40,000	\$47,500	\$62,000	\$68,000	\$50,000
Male	70,000	74,000	73,000	94,000	75,000	45,000	42,000	48,800	63,200	69,600	53,100
Female	61,000	65,000	65,100	S	S	40,000	36,000	43,000	53,000	63,000	S
Life/related scientists, total	43,800	50,000	53,000	S	35,500	35,000	33,000	40,000	49,000	54,000	42,800
Male	46,000	53,000	55,000	S	S	35,000	33,000	S	48,000	54,000	42,500
Female	41,000	44,200	49,700	S	S	36,000	32,000	S	49,000	60,000	49,000
Physical/related scientists, total ...	52,000	60,600	62,000	S	S	36,400	33,000	50,000	52,000	63,000	37,000
Male	58,000	65,000	66,500	S	S	38,000	34,000	50,000	57,000	65,000	43,000
Female	42,400	48,000	50,000	S	S	35,000	33,000	S	44,000	54,000	S
Social/related scientists, total	41,000	40,000	45,900	48,000	31,000	43,000	32,800	46,300	41,600	60,000	36,000
Male	47,500	50,000	56,000	S	30,000	46,000	35,000	49,000	45,000	60,000	40,000
Female	38,000	35,300	40,000	45,000	31,000	40,000	30,000	46,000	40,000	S	35,000
Engineers, total	70,000	72,000	72,000	70,000	71,000	51,000	52,000	S	63,300	68,000	54,000
Male	70,000	72,400	72,100	75,000	74,000	55,000	57,500	S	64,000	69,000	54,000
Female	61,000	63,000	63,400	S	S	31,200	29,000	S	60,000	65,000	53,000
Non-S&E occupations, total	53,000	65,000	74,000	50,000	42,000	45,000	43,000	45,000	52,000	62,000	49,000
Male	62,000	75,000	81,000	50,000	45,600	49,000	49,500	49,000	55,000	65,000	50,000
Female	44,000	47,900	52,000	40,000	40,000	41,000	40,000	42,000	46,000	54,000	44,400
Managers/administrators	75,000	85,000	90,000	80,000	60,000	60,000	58,000	60,000	64,000	72,000	58,000
Male	82,000	91,800	95,000	96,000	65,000	62,000	68,000	61,000	65,000	75,000	60,000
Female	60,000	65,000	70,000	S	53,000	54,000	50,000	58,000	58,700	66,500	53,300
Other non-S&E occupations	44,000	48,000	53,000	42,000	37,000	42,000	38,000	42,000	45,000	52,000	42,000
Male	50,000	55,000	62,000	45,000	38,000	45,900	38,900	48,000	48,000	55,000	43,100
Female	39,300	39,000	41,800	34,000	35,200	39,500	37,000	40,000	40,000	49,000	40,000

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

Table G-3. Median annual salaries of U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment sector: 1999

Highest degree, occupation, 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											
All occupations, total	\$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
S&E occupations, total	67,200	80,000	80,000	75,000	68,000	57,700	58,000	50,000	68,000	74,000	55,000
Male	70,000	80,100	82,000	80,000	72,000	60,000	61,000	53,000	70,000	75,000	55,600
Female	55,000	68,000	70,000	65,000	55,000	49,000	49,400	48,000	60,000	65,400	55,000
Scientists, total	64,900	78,000	80,000	75,000	64,000	55,000	56,000	50,000	66,900	72,100	55,000
Male	68,000	80,000	82,000	80,000	70,000	60,000	60,000	52,000	69,600	75,000	55,000
Female	55,000	66,100	70,000	65,000	55,000	48,800	48,800	48,000	60,000	65,000	55,000
Computer/math scientists, total	71,000	83,000	84,000	87,000	66,000	60,000	60,000	50,000	68,400	73,000	55,500
Male	74,000	85,000	85,100	87,000	80,000	60,000	60,000	50,000	70,000	75,000	S
Female	62,000	73,500	75,000	S	S	53,000	52,500	S	65,000	68,000	S
Life/related scientists, total	61,500	75,000	76,000	55,000	57,000	55,000	55,000	50,000	65,000	68,000	53,200
Male	65,000	77,800	80,000	60,000	65,000	60,000	60,000	54,000	69,000	70,000	53,200
Female	53,000	65,000	68,600	S	46,100	47,100	47,700	46,000	60,000	60,000	54,000
Physical/related scientists, total ...	70,000	79,000	79,000	50,000	80,000	57,000	58,000	45,000	76,500	80,000	51,800
Male	70,000	80,000	80,000	55,000	80,300	59,500	60,000	46,200	78,000	80,000	53,000
Female	61,000	72,600	72,000	S	74,000	47,000	47,000	S	61,000	66,500	S
Social/related scientists, total	59,300	70,000	75,000	75,000	60,000	55,000	55,000	51,300	60,000	70,000	55,000
Male	62,500	75,000	80,000	80,100	62,000	59,900	60,000	57,100	60,000	70,000	56,000
Female	52,000	60,000	60,000	66,000	55,000	49,800	49,000	50,000	58,000	68,500	55,000

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

Table G-3. Median annual salaries of U.S. scientists and engineers, by highest degree attained, broad occupation, sex, and employment sector: 1999

Highest degree, occupation, 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											
Engineers, total	\$78,000	\$81,000	\$81,000	\$84,000	\$85,000	\$71,000	\$71,800	\$46,000	\$74,300	\$78,400	\$59,000
Male	80,000	82,000	82,000	84,000	84,000	72,400	73,000	S	75,000	80,000	60,000
Female	68,000	75,000	75,000	S	S	55,000	57,000	S	67,000	69,000	S
Non-S&E occupations, total	69,000	80,000	90,000	57,000	49,500	60,000	60,000	55,000	73,000	80,000	58,200
Male	75,000	82,000	91,000	57,000	50,000	68,000	70,000	60,000	75,000	80,200	63,000
Female	54,000	67,500	70,000	55,000	48,000	49,000	50,000	45,000	60,000	80,000	46,900
Managers/administrators	88,500	95,000	100,000	50,000	71,000	78,000	83,000	71,000	80,000	92,000	60,000
Male	92,000	98,000	100,600	50,000	78,000	84,000	90,000	75,000	82,000	96,100	62,000
Female	70,000	74,500	87,000	S	48,000	65,000	70,100	65,000	80,000	80,100	60,000
Other non-S&E occupations	58,000	65,000	70,000	58,000	42,000	55,000	57,000	47,000	65,000	70,000	55,000
Male	62,000	65,000	75,000	58,000	40,900	60,000	65,000	52,000	72,000	72,000	72,000
Female	48,000	61,000	70,000	53,000	45,000	46,800	48,000	36,900	50,000	58,000	44,000

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)