

Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1999

Highest degree and occupation	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											
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
Economists	66,000	70,000	70,000	S	90,000	60,000	60,000	S	62,300	68,300	53,000
Political/related scientists	36,000	42,000	S	S	33,000	43,000	43,000	S	34,000	40,000	S
Psychologists	43,100	40,000	44,000	60,000	30,000	45,000	37,500	46,300	46,000	62,000	44,200
Sociologists/anthropologists ..	38,000	39,000	40,000	S	39,000	32,600	30,000	S	35,000	49,000	35,000
Other social/related scientists	45,000	45,000	51,000	S	45,000	31,000	30,000	S	48,700	S	S
Postsecondary teachers-social/related sci	51,000	S	S	S	S	51,000	53,000	45,000	S	S	S
Engineers, total	65,000	65,000	65,000	75,000	70,000	57,400	59,000	44,000	60,000	65,700	55,500
Aerospace/related engineers ..	71,000	71,000	71,000	S	80,000	87,000	87,000	S	72,000	72,000	S
Chemical engineers	71,000	72,000	72,100	S	S	19,000	19,000	S	65,000	65,000	S
Civil/architectural engineers	58,000	58,800	58,400	75,000	S	60,000	63,000	S	58,000	63,300	56,000
Electrical/related engineers	70,000	70,000	70,000	82,000	72,500	49,000	53,000	S	66,300	68,000	60,000
Industrial engineers	56,400	56,000	55,000	S	S	S	S	S	60,700	60,700	S
Mechanical engineers	62,500	63,000	63,000	60,000	76,000	55,000	55,000	S	61,400	62,100	60,000
Other engineers	65,000	65,000	65,000	75,000	70,000	45,000	44,600	S	59,000	64,000	50,000
Postsecondary teachers-engineers	64,000	S	S	S	S	64,000	67,000	43,000	S	S	S
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
Managers/administrators	68,000	73,000	75,000	70,000	52,500	57,000	56,500	57,000	58,700	67,000	54,000
Health/related	60,000	76,000	86,000	100,000	46,000	44,000	44,000	40,000	49,000	60,000	42,000
Teachers, except S&E postsecondary	37,500	31,400	43,000	S	25,000	38,000	52,000	36,000	35,200	46,000	32,900
Sales/marketing	50,000	50,000	50,000	45,000	39,000	40,000	40,000	S	35,000	S	S
Other non-S&E occupations	40,000	40,000	42,000	45,000	30,000	32,000	31,000	34,000	40,100	46,000	39,000

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

Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1999

Highest degree and occupation	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											
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
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
Scientists, total	55,000	60,000	60,000	76,000	43,000	31,000	27,000	39,000	49,000	55,000	43,400
Computer/math sci, total	60,800	64,000	64,000	96,000	50,000	42,700	45,000	40,000	54,000	60,000	48,000
Computer/information scientists	61,000	64,000	64,200	96,000	50,000	45,800	47,000	43,200	54,000	59,000	49,000
Mathematical scientists	56,000	56,000	57,000	S	S	S	S	S	S	S	S
Postsecondary teachers-computer math sci	30,000	S	S	S	S	S	S	S	S	S	S
Life/related scientists, total ..	37,000	43,000	45,500	S	S	21,000	20,000	S	42,500	46,600	38,000
Agricultural/food scientists	41,500	42,200	45,000	S	S	S	S	S	S	S	S
Biological scientists	36,000	42,000	45,500	S	S	20,000	20,000	S	44,000	46,700	41,000
Environmental life scientists ..	44,700	S	S	S	S	S	S	S	43,000	51,000	S
Postsecondary teachers-life/related sciences	28,700	S	S	S	S	28,700	17,000	S	S	S	S
Physical/related scientists, total	45,000	47,000	46,400	S	S	16,000	16,000	S	48,800	53,000	45,000
Chemistry, except biochemistry	45,000	45,000	45,000	S	S	15,500	15,500	S	50,000	S	46,500
Earth scientists/geologists/oceanographers	49,000	50,000	50,000	S	S	18,000	18,000	S	49,000	51,900	43,000
Physicists/astronomers	50,000	S	S	S	S	20,000	20,000	S	S	S	S
Other physical/related scientists	40,000	39,000	37,500	S	S	S	S	S	46,000	S	38,000
Postsecondary teachers-physical/related sci	15,000	S	S	S	S	15,000	15,000	S	S	S	S

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

Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1999

Highest degree and occupation	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
Economists	53,000	47,500	51,000	S	S	S	S	S	S	S	S
Political/related scientists	35,000	S	S	S	S	S	S	S	S	S	S
Psychologists	26,600	25,000	S	S	25,000	30,000	S	S	S	S	S
Sociologists/anthropologists ..	S	S	S	S	S	S	S	S	S	S	S
Other social/related scientists	S	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sci	S	S	S	S	S	S	S	S	S	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
Aerospace/related engineers ..	69,100	68,000	66,600	S	S	S	S	S	70,500	70,500	S
Chemical engineers	65,000	67,600	67,600	S	S	S	S	S	S	S	S
Civil/architectural engineers	55,300	55,000	55,000	S	S	S	S	S	58,000	60,000	56,000
Electrical/related engineers	65,000	65,000	65,000	S	S	49,000	51,600	S	65,700	67,000	60,000
Industrial engineers	55,000	55,000	54,000	S	S	S	S	S	62,000	S	S
Mechanical engineers	60,000	60,000	60,000	S	S	S	S	S	60,000	60,000	S
Other engineers	60,500	63,000	62,000	S	S	44,600	44,600	S	57,000	60,000	50,000
Postsecondary teachers-engineers	39,000	S	S	S	S	39,000	S	S	S	S	S
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
Managers/administrators	60,000	65,000	67,000	60,000	43,000	42,900	44,800	38,000	52,600	60,000	50,000
Health/related	40,000	40,300	40,000	S	42,000	38,400	38,400	S	40,000	41,000	40,000
Teachers, except S&E postsecondary	30,000	31,000	47,000	S	22,500	30,000	31,500	30,000	30,000	S	29,000
Sales/marketing	48,500	50,000	50,000	42,000	38,000	32,000	S	S	S	S	S
Other non-S&E occupations	35,000	35,000	36,000	35,000	26,000	26,000	29,000	24,000	37,800	40,700	35,000

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

Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1999

Highest degree and occupation	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											
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
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
Scientists, total	60,000	67,000	69,000	52,000	36,000	40,000	35,000	46,300	52,000	63,000	42,600
Computer/math sci, total	68,000	71,000	71,000	94,000	70,000	42,800	40,000	47,500	62,000	68,000	50,000
Computer/information scientists	70,000	71,200	71,000	94,000	70,000	45,000	45,000	S	62,000	68,000	53,100
Mathematical scientists	60,000	64,000	64,000	S	S	45,000	45,000	S	63,000	65,000	S
Postsecondary teachers-computer math sci	41,000	S	S	S	S	41,000	35,000	45,000	S	S	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
Agricultural/food scientists	42,500	46,500	46,500	S	S	S	S	S	S	S	S
Biological scientists	44,000	50,000	53,000	S	35,500	30,000	30,000	S	49,000	55,000	42,000
Environmental life scientists ..	50,000	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	42,000	S	S	S	S	40,000	38,000	42,000	S	S	S
Physical/related scientists, total	52,000	60,600	62,000	S	S	36,400	33,000	50,000	52,000	63,000	37,000
Chemistry, except biochemistry	52,000	60,000	60,000	S	S	30,200	30,200	S	49,000	S	S
Earth scientists/geologists/oceanographers	55,000	61,000	62,000	S	S	37,000	34,000	S	50,000	57,000	38,000
Physicists/astronomers	73,700	80,000	80,000	S	S	20,000	20,000	S	S	S	S
Other physical/related scientists	43,000	43,000	43,000	S	S	S	S	S	53,000	S	S
Postsecondary teachers-physical/related sci	38,000	S	S	S	S	38,000	26,000	50,000	S	S	S

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

Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1999

Highest degree and occupation	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											
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
Economists	70,000	73,000	70,000	S	S	S	S	S	64,000	68,000	S
Political/related scientists	33,000	S	S	S	S	S	S	S	S	S	S
Psychologists	40,000	35,000	36,000	48,000	30,000	46,000	32,800	48,000	39,000	S	38,000
Sociologists/anthropologists ..	39,000	S	S	S	S	S	S	S	S	S	S
Other social/related scientists	42,000	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sci	36,000	S	S	S	S	36,000	35,000	S	S	S	S
Engineers, total	70,000	72,000	72,000	70,000	71,000	51,000	52,000	S	63,300	68,000	54,000
Aerospace/related engineers ..	75,000	75,000	75,000	S	S	87,000	87,000	S	72,100	72,100	S
Chemical engineers	80,000	80,000	80,000	S	S	S	S	S	S	S	S
Civil/architectural engineers	65,000	69,000	68,000	S	S	S	S	S	60,000	65,000	55,000
Electrical/related engineers	75,000	76,200	76,500	S	S	46,200	46,200	S	66,900	68,000	S
Industrial engineers	60,200	61,000	60,000	S	S	S	S	S	S	S	S
Mechanical engineers	68,000	68,200	68,400	S	S	51,000	51,000	S	62,000	65,000	S
Other engineers	69,300	72,000	71,000	S	S	40,000	40,000	S	60,000	75,000	50,000
Postsecondary teachers-engineers	52,000	S	S	S	S	52,000	53,000	S	S	S	S
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
Managers/administrators	75,000	85,000	90,000	80,000	60,000	60,000	58,000	60,000	64,000	72,000	58,000
Health/related	45,000	45,000	47,700	S	41,000	42,000	40,000	S	48,000	59,000	42,000
Teachers, except S&E postsecondary	42,000	30,000	30,000	S	S	42,000	40,000	42,000	40,000	S	S
Sales/marketing	65,000	65,000	70,000	50,000	S	S	S	S	S	S	S
Other non-S&E occupations	41,000	40,000	48,000	40,000	35,000	40,000	35,000	42,000	45,000	52,000	42,000

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

Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1999

Highest degree and occupation	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
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
Scientists, total	64,900	78,000	80,000	75,000	64,000	55,000	56,000	50,000	66,900	72,100	55,000
Computer/math sci, total	71,000	83,000	84,000	87,000	66,000	60,000	60,000	50,000	68,400	73,000	55,500
Computer/information scientists	80,100	84,000	85,000	90,000	73,000	68,000	68,000	S	68,000	74,000	S
Mathematical scientists	74,000	83,200	86,500	S	65,000	52,000	52,000	S	70,000	71,000	S
Postsecondary teachers-computer math sci	60,000	S	S	S	S	59,600	60,000	50,000	S	S	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
Agricultural/food scientists	64,000	70,000	70,000	S	S	56,000	56,000	S	70,000	70,000	S
Biological scientists	60,000	76,000	80,000	70,000	57,000	40,000	40,000	80,000	65,000	68,000	51,000
Environmental life scientists ..	61,000	S	S	S	S	S	S	S	74,900	S	S
Postsecondary teachers-life/related sciences	61,200	S	S	S	S	61,800	62,500	47,000	S	S	S
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
Chemistry, except biochemistry	75,000	78,000	78,700	S	74,000	38,000	38,000	S	67,000	71,500	46,000
Earth scientists/geologists/oceanographers	72,000	75,000	75,000	S	80,000	58,000	59,000	S	79,000	84,000	50,000
Physicists/astronomers	80,000	83,000	83,000	S	85,100	59,500	59,500	S	84,600	83,000	S
Other physical/related scientists	67,500	65,000	65,000	S	S	S	S	S	75,000	86,000	S
Postsecondary teachers-physical/related sci	59,000	S	S	S	S	59,000	60,000	47,000	S	S	S

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

Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1999

Highest degree and occupation	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 scientists, total	\$59,300	\$70,000	\$75,000	\$75,000	\$60,000	\$55,000	\$55,000	\$51,300	\$60,000	\$70,000	\$55,000
Economists	89,000	100,000	110,000	S	75,000	65,000	65,000	S	78,000	82,000	S
Political/related scientists	65,000	72,000	S	S	S	S	S	S	S	S	S
Psychologists	60,000	65,000	67,000	75,000	54,000	51,300	50,000	51,300	59,000	66,400	55,000
Sociologists/anthropologists ..	55,900	60,000	58,000	S	74,000	50,000	50,000	S	55,000	60,000	S
Other social/related scientists	60,000	80,000	S	S	S	60,000	54,000	S	55,000	S	S
Postsecondary teachers-social/related sci	55,000	S	S	S	S	55,000	55,000	50,000	S	S	S
Engineers, total	78,000	81,000	81,000	84,000	85,000	71,000	71,800	46,000	74,300	78,400	59,000
Aerospace/related engineers ..	83,500	84,000	83,500	S	S	78,000	88,000	S	79,000	79,000	S
Chemical engineers	80,100	81,000	81,000	S	S	54,300	S	S	78,400	78,000	S
Civil/architectural engineers	68,500	80,000	70,500	S	S	63,000	63,000	S	60,000	69,300	59,000
Electrical/related engineers	85,000	86,000	86,000	S	76,000	73,500	70,000	S	80,000	80,000	S
Industrial engineers	84,000	83,000	84,800	S	S	S	S	S	S	S	S
Mechanical engineers	75,000	75,000	75,000	S	80,000	65,200	65,200	S	82,000	82,000	S
Other engineers	76,000	78,000	78,000	S	87,000	54,000	51,000	S	74,000	75,000	51,000
Postsecondary teachers-engineers	72,100	S	S	S	S	72,100	73,000	S	S	S	S

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

Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1999

Highest degree and occupation	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											
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
Managers/administrators	88,500	95,000	100,000	50,000	71,000	78,000	83,000	71,000	80,000	92,000	60,000
Health/related	70,000	90,000	100,000	100,000	62,000	43,600	46,000	S	65,000	69,300	52,000
Teachers, except S&E postsecondary	56,000	S	S	S	S	55,800	57,000	50,000	S	S	S
Sales/marketing	58,000	58,000	69,000	52,000	S	S	S	S	S	S	S
Other non-S&E occupations	59,000	60,000	70,000	50,000	40,800	36,400	51,000	36,400	65,000	72,000	56,000

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)