

Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1993

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											
All occupations, total²	\$45,000	\$48,000	\$49,000	\$52,000	\$35,000	\$37,400	\$40,000	\$35,900	\$42,900	\$49,000	\$38,400
S&E occupations, total	48,000	49,800	50,000	52,000	40,000	41,000	41,600	39,500	45,600	49,400	40,000
Scientists, total	45,000	47,000	48,000	52,000	38,000	40,000	40,000	39,500	42,000	47,000	36,100
Computer/math sci, total	46,800	48,000	48,000	60,000	40,000	38,800	40,000	34,000	45,600	49,000	39,900
Computer/information scientists	47,300	48,000	48,000	60,000	40,000	37,000	38,000	36,000	45,000	48,400	39,900
Mathematical scientists	46,800	46,800	45,500	S	52,000	43,000	43,000	S	48,000	51,000	41,100
Postsecondary teachers-computer math sci	39,200	S	S	S	S	39,100	43,000	34,000	S	S	S
Life/related scientists, total ..	40,000	43,200	44,000	46,800	36,400	39,000	39,400	38,000	37,300	42,000	32,000
Agricultural/food scientists	38,000	40,000	40,000	S	S	30,000	30,000	S	38,300	43,700	32,300
Biological scientists	38,000	45,000	46,800	S	36,200	28,000	28,000	S	38,700	44,000	33,000
Environmental life scientists ..	35,000	30,000	37,000	S	S	S	S	S	35,100	40,000	30,200
Postsecondary teachers-life/related sciences	48,000	S	S	S	S	48,000	52,000	40,000	S	S	S
Physical/related scientists, total	45,000	48,000	47,000	52,000	56,000	41,000	40,000	42,000	44,000	49,700	37,000
Chemistry, except biochemistry	43,800	45,300	45,000	S	55,000	25,000	25,000	S	42,600	45,000	40,000
Earth scientists/geologists/oceanographers	42,000	45,000	45,000	50,000	40,000	35,000	35,000	S	40,000	42,900	35,900
Physicists/astronomers	57,000	64,000	65,000	S	60,000	36,700	37,000	S	60,000	62,000	S
Other physical/related scientists	44,000	45,000	45,000	S	S	32,500	32,500	S	44,000	51,000	32,000
Postsecondary teachers-physical/related sci	45,000	S	S	S	S	45,000	45,000	42,000	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: 1993

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	\$40,400	\$37,500	\$40,000	\$50,000	\$30,500	\$42,000	\$42,300	\$42,000	\$40,000	\$48,000	\$36,100
Economists	50,000	50,000	52,000	S	40,000	33,300	29,000	S	48,200	52,400	42,000
Political/related scientists	36,000	30,000	S	S	S	36,000	S	S	40,000	42,000	S
Psychologists	37,500	35,800	37,400	49,000	30,000	40,000	30,000	42,000	37,000	49,000	34,000
Sociologists/anthropologists ..	35,600	31,200	32,000	S	29,900	41,000	41,000	S	37,000	37,000	38,000
Other social/related scientists	37,000	41,500	46,000	S	37,000	30,000	30,000	S	38,000	40,100	35,700
Postsecondary teachers-social/related sci	45,000	S	S	S	S	45,000	45,000	42,000	S	S	S
Engineers, total	50,000	50,400	50,400	52,000	53,000	46,000	48,000	39,800	48,700	50,900	44,000
Aerospace/related engineers ..	54,000	54,000	53,800	S	72,000	60,000	60,000	S	54,000	54,000	S
Chemical engineers	55,200	57,800	57,500	S	69,100	15,600	15,200	S	50,000	50,000	S
Civil/architectural engineers	48,000	49,200	48,500	52,000	50,000	36,000	31,000	S	46,300	50,000	44,800
Electrical/related engineers	52,000	52,800	52,500	60,000	59,200	43,000	43,800	S	52,000	52,000	50,100
Industrial engineers	44,700	44,400	44,400	S	S	42,700	42,700	S	49,300	49,700	S
Mechanical engineers	50,000	50,000	50,000	52,000	59,500	43,000	43,000	S	48,000	47,900	50,000
Other engineers	50,000	50,000	50,000	51,600	46,400	37,100	37,100	S	47,000	50,400	38,700
Postsecondary teachers-engineers	52,000	S	S	S	S	52,000	56,000	40,000	S	S	S
Non-S&E occupations, total	42,000	46,800	48,000	52,000	34,000	36,000	38,000	35,000	41,000	48,300	38,000
Managers/administrators	53,000	56,000	58,000	50,000	46,000	49,000	49,500	48,900	49,900	55,700	44,200
Health/related	52,500	70,000	74,900	90,000	37,500	38,000	38,000	35,400	39,500	50,000	36,000
Teachers, except S&E postsecondary	35,000	33,500	40,000	S	24,000	35,000	43,000	34,000	39,600	42,000	30,500
Sales/marketing	40,000	40,000	40,800	38,000	34,200	22,900	S	S	38,000	S	S
Other non-S&E occupations	35,000	36,000	36,000	44,700	27,500	28,600	26,400	31,000	35,400	40,000	33,300

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: 1993

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, total²	\$40,000	\$41,800	\$43,000	\$36,400	\$30,000	\$29,000	\$29,000	\$28,900	\$39,600	\$44,300	\$35,000
S&E occupations, total	45,000	46,000	46,000	50,400	35,000	30,000	28,000	35,500	44,000	47,000	39,700
Scientists, total	41,000	43,000	43,500	50,000	33,600	28,000	26,000	34,000	40,000	43,200	34,000
Computer/math sci, total	44,000	45,000	45,000	52,000	39,000	34,000	36,800	34,000	44,000	47,900	37,200
Computer/information scientists	44,400	45,000	45,000	52,000	39,000	37,000	37,000	35,000	43,000	47,000	37,500
Mathematical scientists	43,000	41,200	41,600	S	S	S	S	S	46,300	49,900	S
Postsecondary teachers-computer math sci	27,400	S	S	S	S	26,000	S	30,000	S	S	S
Life/related scientists, total ..	32,200	36,000	36,500	S	31,500	21,000	19,200	36,000	33,400	36,400	30,000
Agricultural/food scientists	35,000	36,000	36,700	S	S	20,000	20,000	S	34,500	41,000	31,200
Biological scientists	31,200	36,000	36,500	S	29,400	19,200	18,700	S	32,000	36,000	30,000
Environmental life scientists ..	34,000	26,000	S	S	S	S	S	S	35,000	37,000	29,500
Postsecondary teachers-life/related sciences	32,000	S	S	S	S	32,000	27,000	S	S	S	S
Physical/related scientists, total	37,500	38,900	38,700	S	S	14,600	14,000	S	39,000	41,300	36,000
Chemistry, except biochemistry	37,200	37,500	37,500	S	S	13,700	13,500	S	41,000	42,700	40,000
Earth scientists/geologists/oceanographers	38,100	40,000	39,700	S	S	28,000	28,000	S	35,000	36,000	33,300
Physicists/astronomers	44,100	52,000	52,000	S	S	14,600	14,600	S	65,000	S	S
Other physical/related scientists	36,800	36,000	36,000	S	S	S	S	S	42,000	49,700	28,600
Postsecondary teachers-physical/related sci	19,000	S	S	S	S	16,800	13,500	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: 1993

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	\$27,400	\$25,000	\$28,000	S	\$20,000	\$26,000	\$24,200	\$35,500	\$32,400	\$35,700	\$32,000
Economists	36,000	34,500	32,000	S	S	S	S	S	40,100	S	S
Political/related scientists	30,000	S	S	S	S	S	S	S	S	S	S
Psychologists	22,000	20,900	20,900	S	19,500	24,200	22,000	S	28,000	S	S
Sociologists/anthropologists ..	27,000	23,600	S	S	S	S	S	S	S	S	S
Other social/related scientists	26,800	25,000	S	S	S	S	S	S	34,000	S	S
Postsecondary teachers-social/related sci	28,700	S	S	S	S	S	S	S	S	S	S
Engineers, total	48,000	48,700	48,500	\$52,000	46,400	38,000	37,100	39,900	47,100	49,500	43,200
Aerospace/related engineers ..	52,000	51,000	51,000	S	S	S	S	S	52,000	52,000	S
Chemical engineers	52,000	52,500	52,500	S	S	14,400	14,400	S	50,000	50,000	S
Civil/architectural engineers	45,500	46,000	45,500	52,000	S	S	S	S	45,000	49,900	43,200
Electrical/related engineers	50,000	50,000	50,000	60,000	50,000	38,700	38,700	S	50,000	50,000	51,000
Industrial engineers	44,000	43,000	43,500	S	S	S	S	S	47,500	49,100	S
Mechanical engineers	48,000	48,300	48,000	52,000	S	43,000	43,000	S	46,800	46,000	48,700
Other engineers	47,000	48,000	48,000	48,000	46,400	33,500	33,500	S	45,000	48,000	37,300
Postsecondary teachers-engineers	40,000	S	S	S	S	40,000	S	S	S	S	S
Non-S&E occupations, total	36,000	38,000	40,000	36,000	30,000	28,600	29,800	28,100	36,000	40,000	32,600
Managers/administrators	48,000	50,000	51,300	40,000	36,200	33,700	35,000	32,000	43,700	47,000	41,000
Health/related	35,000	35,000	35,000	80,000	32,800	38,000	37,900	38,000	32,000	36,000	31,200
Teachers, except S&E postsecondary	29,000	28,600	35,000	S	20,900	29,000	30,000	29,000	31,600	S	25,000
Sales/marketing	38,000	38,000	39,000	36,000	34,200	S	S	S	S	S	S
Other non-S&E occupations	30,000	30,500	31,200	32,000	22,100	23,000	23,500	23,000	32,000	36,000	30,000

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: 1993

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, total²	\$48,000	\$53,200	\$56,700	\$50,000	\$37,500	\$39,000	\$34,800	\$40,000	\$46,800	\$53,000	\$40,500
S&E occupations, total	50,000	55,000	55,000	52,000	44,200	35,600	31,200	40,000	48,000	52,000	40,000
Scientists, total	46,400	52,000	53,000	51,800	40,000	35,000	30,000	40,000	44,000	49,400	37,000
Computer/math sci, total	50,700	55,000	55,000	78,000	52,000	35,000	34,700	37,000	48,000	51,000	43,000
Computer/information scientists	52,600	55,000	55,000	78,000	52,000	38,000	38,000	S	48,000	51,600	43,400
Mathematical scientists	50,000	52,000	52,000	S	S	40,000	39,300	S	44,000	44,000	S
Postsecondary teachers-computer math sci	32,000	S	S	S	S	31,900	30,000	36,000	S	S	S
Life/related scientists, total ..	38,000	46,400	47,000	S	S	30,000	28,000	35,500	41,200	45,500	34,900
Agricultural/food scientists	36,000	41,600	40,000	S	S	26,000	26,000	S	36,000	42,600	S
Biological scientists	40,000	47,000	47,400	S	S	23,000	23,000	S	44,300	45,000	38,000
Environmental life scientists ..	40,300	S	S	S	S	S	S	S	41,400	49,400	S
Postsecondary teachers-life/related sciences	34,600	S	S	S	S	35,000	32,000	35,600	S	S	S
Physical/related scientists, total	46,300	51,000	51,000	S	56,000	32,000	30,000	45,000	45,600	51,000	37,500
Chemistry, except biochemistry	46,800	49,500	48,800	S	S	26,000	30,000	S	40,100	S	38,200
Earth scientists/geologists/oceanographers	46,000	51,000	52,000	S	S	25,000	25,000	S	43,000	47,000	35,900
Physicists/astronomers	56,000	60,000	60,000	S	S	15,000	15,000	S	55,100	55,100	S
Other physical/related scientists	45,600	45,600	50,000	S	S	S	S	S	47,500	S	35,000
Postsecondary teachers-physical/related sci	42,000	S	S	S	S	42,000	41,100	45,000	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: 1993

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	\$38,700	\$39,700	\$43,000	\$48,700	\$34,000	\$38,000	\$30,000	\$41,500	\$39,000	\$48,000	\$34,000
Economists	52,000	60,000	60,000	S	S	S	S	S	49,700	52,000	S
Political/related scientists	40,000	S	S	S	S	S	S	S	S	S	S
Psychologists	37,000	36,000	35,000	48,000	32,000	40,000	29,000	41,000	32,900	S	32,500
Sociologists/anthropologists ..	35,000	37,500	37,400	S	S	35,000	S	S	34,700	S	S
Other social/related scientists	38,000	46,000	S	S	S	S	S	S	34,000	S	S
Postsecondary teachers-social/related sci	37,000	S	S	S	S	37,100	32,000	45,000	S	S	S
Engineers, total	55,100	57,000	56,800	70,000	59,500	42,700	43,000	38,100	53,000	55,000	47,300
Aerospace/related engineers ..	58,900	60,000	59,000	S	S	S	S	S	55,000	55,000	S
Chemical engineers	59,000	60,000	60,000	S	S	15,200	15,200	S	S	S	S
Civil/architectural engineers	52,000	54,000	53,000	67,000	S	S	S	S	50,000	53,700	48,700
Electrical/related engineers	59,200	60,000	60,000	S	66,000	49,000	53,300	S	55,000	55,200	50,000
Industrial engineers	48,000	47,400	47,000	S	S	S	S	S	50,000	50,000	S
Mechanical engineers	55,900	56,000	55,900	S	S	38,000	38,000	S	54,500	54,400	S
Other engineers	54,000	55,000	55,100	S	44,600	40,000	42,500	S	52,000	58,600	41,500
Postsecondary teachers-engineers	44,000	S	S	S	S	44,000	45,600	38,100	S	S	S
Non-S&E occupations, total	46,000	52,000	58,800	47,000	36,700	39,600	37,000	40,000	46,000	55,000	40,800
Managers/administrators	59,800	64,700	67,800	58,000	50,000	48,000	48,000	48,000	53,800	62,500	48,300
Health/related	38,800	40,300	41,200	60,000	38,400	35,000	35,000	35,400	38,000	40,500	37,000
Teachers, except S&E postsecondary	38,800	35,000	42,000	S	S	38,500	33,600	39,000	42,000	S	S
Sales/marketing	52,000	52,000	54,900	50,000	S	S	S	S	S	S	S
Other non-S&E occupations	36,700	36,400	42,000	40,000	30,000	35,000	30,000	37,000	38,000	46,000	35,400

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Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1993

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, total²	\$57,000	\$67,000	\$70,000	\$60,000	\$52,500	\$50,000	\$50,000	\$50,000	\$59,000	\$62,200	\$49,200
S&E occupations, total	54,500	65,000	65,800	60,000	53,000	48,000	48,900	45,000	55,000	58,600	46,000
Scientists, total	52,000	63,000	65,000	60,000	51,000	47,300	48,000	45,000	54,000	58,000	46,500
Computer/math sci, total	55,500	68,000	67,000	S	70,000	49,000	50,000	41,000	59,000	60,000	47,900
Computer/information scientists	65,000	68,000	68,000	S	76,000	56,000	58,000	S	50,000	60,000	S
Mathematical scientists	62,800	67,000	67,000	S	69,000	50,000	50,000	S	60,000	62,300	S
Postsecondary teachers-computer math sci	48,000	S	S	S	S	48,000	48,500	45,700	S	S	S
Life/related scientists, total ..	50,000	60,000	62,000	S	46,200	46,400	46,800	40,000	52,000	53,000	43,000
Agricultural/food scientists	52,000	58,800	58,800	S	S	49,800	49,800	S	51,500	52,000	S
Biological scientists	49,000	60,000	62,500	S	44,000	36,000	36,000	S	52,400	54,000	43,100
Environmental life scientists ..	52,200	S	S	S	S	S	S	S	52,200	53,000	S
Postsecondary teachers-life/related sciences	51,000	S	S	S	S	51,000	51,900	40,000	S	S	S
Physical/related scientists, total	58,000	65,000	65,700	S	60,000	48,000	48,700	44,000	60,000	62,000	42,600
Chemistry, except biochemistry	60,200	64,000	64,800	S	58,000	34,000	34,000	S	55,000	56,000	41,600
Earth scientists/geologists/oceanographers	61,700	68,000	68,000	S	58,300	47,900	47,900	S	60,000	61,000	S
Physicists/astronomers	63,300	68,700	69,800	S	64,000	50,200	50,200	S	66,000	67,000	S
Other physical/related scientists	60,000	65,500	65,300	S	S	43,000	45,500	S	S	S	S
Postsecondary teachers-physical/related sci	50,000	S	S	S	S	50,000	50,000	45,300	S	S	S

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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	\$48,900	\$55,000	\$65,000	S	\$46,000	\$47,000	\$47,000	\$46,800	\$51,000	\$59,000	\$47,300
Economists	70,000	83,300	85,000	S	S	60,000	60,000	S	63,000	63,000	70,000
Political/related scientists	48,000	S	S	S	S	S	S	S	S	S	S
Psychologists	49,500	52,000	55,000	S	45,000	45,000	42,000	47,000	50,000	56,000	46,800
Sociologists/anthropologists ..	52,200	50,000	S	S	40,000	54,000	54,500	S	49,700	S	S
Other social/related scientists	47,000	50,000	66,000	S	S	45,000	43,000	S	49,000	S	S
Postsecondary teachers-social/related sci	47,000	S	S	S	S	47,000	47,000	45,100	S	S	S
Engineers, total	63,000	68,000	67,500	S	75,000	57,700	57,700	S	59,000	60,000	44,000
Aerospace/related engineers ..	67,400	70,000	70,000	S	S	60,000	60,000	S	62,000	62,000	S
Chemical engineers	65,000	66,000	65,000	S	S	39,000	39,000	S	S	S	S
Civil/architectural engineers	55,000	60,000	60,000	S	S	S	S	S	48,400	68,000	43,000
Electrical/related engineers	70,000	72,000	72,000	S	75,000	52,000	52,000	S	62,300	62,300	S
Industrial engineers	66,000	68,100	68,100	S	S	S	S	S	S	S	S
Mechanical engineers	60,000	63,800	63,000	S	S	43,000	43,000	S	60,000	57,500	S
Other engineers	63,000	65,000	65,000	S	74,000	51,000	51,000	S	57,000	59,000	S
Postsecondary teachers-engineers	59,900	S	S	S	S	59,700	60,000	S	S	S	S

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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	\$62,400	\$74,900	\$80,000	\$60,000	\$52,500	\$55,000	\$55,500	\$54,000	\$62,200	\$71,000	\$52,000
Managers/administrators	75,000	83,100	85,000	S	68,600	68,000	71,700	65,000	68,500	74,400	55,400
Health/related	60,000	80,000	96,100	93,800	52,300	42,000	45,000	S	52,000	53,000	49,900
Teachers, except S&E postsecondary	48,200	50,400	S	S	S	48,000	50,000	42,100	S	S	S
Sales/marketing	52,000	52,000	58,000	S	S	S	S	S	S	S	S
Other non-S&E occupations	50,000	50,000	60,000	60,000	44,000	45,000	45,500	42,000	51,100	56,600	43,200

1 Includes professional degrees
 2 Total excludes 37,000 individuals who reported never having worked.

NOTES: The term "Scientists and Engineers" (S&Es) includes all persons who have ever received a bachelor's degree or higher in a science or engineering (S&E) field, plus persons holding a non-S&E bachelor's or higher degree who are employed in an S&E occupation. 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, 1993 SESTAT (Scientists and Engineers Statistical Data System)