

**Table G-13. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and geographic region of employment: 1997**

Highest degree and occupation	Employed S&Es, total	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>All degree levels<sup>1</sup></b>										
<b>All occupations, total<sup>2</sup></b> .....	\$50,000	\$50,000	\$53,000	\$50,000	\$43,000	\$49,400	\$44,000	\$50,000	\$48,000	\$52,000
<b>Scientists, total</b> .....	52,000	52,500	55,000	51,000	46,000	50,100	45,000	50,500	50,000	55,000
<b>Computer/math sci, total</b> .....	56,000	60,000	60,000	55,000	50,000	54,000	51,000	54,000	56,900	60,000
Computer/information scientists .....	56,000	60,000	60,000	55,000	50,000	54,000	52,000	55,000	58,000	60,000
Mathematical scientists .....	59,800	47,500	60,000	60,000	44,000	62,500	49,000	58,000	60,000	54,000
<b>Life/related scientists, total</b> .....	44,000	38,000	50,000	45,000	40,000	43,000	40,000	41,000	42,000	45,000
Agricultural/food scientists .....	41,000	34,000	46,000	44,000	33,000	54,000	42,000	40,000	40,000	43,000
Biological scientists .....	41,000	37,000	50,000	43,000	35,000	40,000	37,000	33,000	35,000	42,000
Environmental life scientists .....	45,000	S	S	S	S	40,000	S	S	S	46,000
<b>Physical/related scientists, total</b> .....	50,000	50,000	53,600	46,000	41,000	48,000	43,000	55,000	51,000	55,000
Chemistry, except biochemistry .....	48,500	50,000	53,000	48,500	41,000	45,000	42,000	47,000	46,000	53,000
Earth scientists/ geologists/oceanographers .....	50,000	38,000	50,000	43,000	45,000	47,900	47,500	65,000	48,000	50,000
Physicists/astronomers .....	63,000	50,000	63,000	51,000	57,000	64,000	50,000	50,000	71,000	69,000
Other physical/related scientists .....	45,000	52,000	S	35,000	S	50,000	S	S	55,000	50,000
<b>Social/related scientists, total</b> .....	45,000	46,000	49,000	44,000	42,000	45,000	37,600	41,000	35,500	50,000
Economists .....	57,000	62,000	57,000	52,000	S	63,000	S	S	58,200	52,000
Political/related scientists .....	32,000	S	S	S	S	37,000	S	S	S	S
Psychologists .....	40,000	38,000	47,000	40,200	36,000	40,000	32,000	40,000	33,500	45,000
Sociologists/anthropologists .....	30,000	S	40,000	45,000	S	33,000	S	29,000	29,000	21,600
Other social/related scientists .....	50,000	S	65,000	S	S	45,000	S	S	S	53,500
<b>Engineers, total</b> .....	60,000	60,000	60,000	56,000	55,000	59,000	55,000	60,000	60,000	61,000
Aerospace/related engineers .....	65,000	60,000	72,000	59,200	60,000	67,700	59,000	65,000	64,100	66,000
Chemical engineers .....	65,000	64,600	65,000	60,000	60,000	68,000	62,000	67,500	70,000	65,000
Civil/architectural engineers .....	53,100	54,000	56,000	50,000	52,000	52,000	50,000	52,000	50,000	57,000
Electrical/related engineers .....	61,500	60,000	65,000	58,000	59,000	60,800	60,000	65,000	63,000	65,000
Industrial engineers .....	53,000	55,000	55,000	52,000	54,000	53,000	54,000	52,500	57,000	58,000
Mechanical engineers .....	58,000	58,000	55,000	60,000	53,000	59,500	51,000	60,000	53,500	60,000
Other engineers .....	59,200	60,000	60,000	57,000	55,000	57,000	54,800	65,000	60,000	60,000

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

**Table G-13. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and geographic region of employment: 1997**

Highest degree and occupation	Employed S&Es, total	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>All degree levels<sup>1</sup> — continued</b>										
<b>Non-S&amp;E occupations, total</b> .....	\$46,000	\$46,000	\$50,000	\$47,500	\$40,000	\$45,000	\$40,000	\$44,000	\$42,100	\$49,000
Managers/administrators .....	62,000	63,000	65,000	62,400	60,000	60,000	53,000	62,000	58,000	65,000
Health/related .....	57,500	60,000	60,000	55,000	50,000	55,000	50,100	56,000	52,000	62,500
Teachers, except S&E postsecondary .....	36,000	34,000	42,500	40,000	33,000	33,000	30,000	30,000	35,000	40,000
Sales/marketing .....	45,000	45,000	50,000	45,000	40,000	40,000	39,000	43,000	43,400	50,000
Other non-S&E occupations .....	37,000	40,000	40,000	37,000	32,000	35,000	30,000	34,100	34,500	40,000
<b>Bachelor's</b>										
<b>All occupations, total<sup>2</sup></b> .....	\$45,000	\$45,000	\$46,800	\$45,000	\$40,000	\$42,400	\$40,000	\$45,000	\$42,100	\$48,000
<b>Scientists, total</b> .....	50,000	50,000	52,000	50,000	45,000	48,000	40,000	49,000	47,000	53,700
<b>Computer/math sci, total</b> .....	54,000	54,000	55,000	53,000	50,000	51,000	50,000	52,000	52,500	58,300
Computer/information scientists .....	54,000	54,000	55,300	53,000	50,000	50,700	50,000	52,000	53,000	59,000
Mathematical scientists .....	52,500	S	S	S	S	60,000	S	S	S	S
<b>Life/related scientists, total</b> .....	36,000	33,000	41,000	35,400	35,000	32,000	26,000	30,600	32,000	40,900
Agricultural/food scientists .....	37,000	S	S	S	28,700	40,000	S	S	S	42,000
Biological scientists .....	35,000	34,000	44,000	38,000	32,000	31,700	S	27,000	30,000	40,000
Environmental life scientists .....	41,000	S	S	S	S	S	S	S	S	S
<b>Physical/related scientists, total</b> .....	42,000	34,000	43,000	40,000	37,000	38,000	38,000	50,000	45,000	49,200
Chemistry, except biochemistry .....	41,300	35,000	42,000	40,000	37,000	38,000	38,000	44,000	45,000	49,200
Earth scientists/ geologists/oceanographers .....	46,500	S	S	43,000	S	47,500	S	65,000	46,500	46,000
Physicists/astronomers .....	42,000	S	S	S	S	S	S	S	S	S
Other physical/related scientists .....	37,500	S	S	S	S	S	S	S	S	S
<b>Social/related scientists, total</b> .....	25,000	S	24,000	S	S	30,000	S	S	24,000	29,000
Economists .....	45,000	S	S	S	S	S	S	S	S	S
Political/related scientists .....	30,000	S	S	S	S	S	S	S	S	S
Psychologists .....	22,000	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists .....	20,000	S	S	S	S	S	S	S	S	S
Other social/related scientists .....	S	S	S	S	S	S	S	S	S	S

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

**Table G-13. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and geographic region of employment: 1997**

Highest degree and occupation	Employed S&Es, total	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>Bachelor's — continued</b>										
<b>Engineers, total</b> .....	\$55,000	\$55,000	\$55,000	\$54,000	\$53,200	\$55,000	\$55,000	\$60,000	\$57,000	\$60,000
Aerospace/related engineers .....	61,000	S	S	50,000	61,200	63,000	S	55,000	57,000	63,700
Chemical engineers .....	62,000	64,000	60,000	57,000	58,300	63,000	61,000	65,000	67,000	63,900
Civil/architectural engineers .....	51,000	50,000	53,700	49,000	51,000	50,000	45,000	48,000	48,000	55,000
Electrical/related engineers .....	60,000	58,000	60,000	55,000	55,000	60,000	60,000	60,500	61,000	60,000
Industrial engineers .....	52,000	42,500	54,000	50,000	53,000	52,000	52,000	52,500	51,100	52,000
Mechanical engineers .....	55,000	55,700	54,000	55,000	50,300	59,000	50,000	58,800	50,000	60,000
Other engineers .....	55,000	51,000	56,700	54,000	53,000	52,500	53,000	62,000	60,000	55,000
<b>Non-S&amp;E occupations, total</b> .....	40,000	40,000	42,500	40,000	34,300	37,500	35,000	39,900	36,700	41,900
Managers/administrators .....	56,000	57,000	60,000	56,000	56,000	55,000	50,000	60,000	50,000	58,000
Health/related .....	37,000	40,000	38,000	35,000	31,000	35,000	37,700	40,000	35,000	41,000
Teachers, except S&E postsecondary .....	29,500	28,000	31,500	28,000	28,000	27,500	25,000	27,500	26,000	35,000
Sales/marketing .....	42,000	40,000	47,100	40,000	40,000	38,000	37,000	41,000	42,000	46,800
Other non-S&E occupations .....	32,000	35,000	35,500	33,000	29,500	30,000	26,000	30,000	30,000	36,000
<b>Master's</b>										
<b>All occupations, total<sup>2</sup></b> .....	\$53,000	\$53,000	\$58,000	\$53,000	\$47,000	\$52,000	\$43,500	\$52,000	\$51,000	\$56,500
<b>Scientists, total</b> .....	54,000	57,600	57,000	52,000	43,700	53,000	40,000	53,000	55,000	57,600
<b>Computer/math sci, total</b> .....	60,000	67,000	62,000	60,000	50,000	60,000	53,000	60,000	62,000	65,000
Computer/information scientists .....	62,000	68,000	63,000	60,000	52,000	60,000	60,000	60,000	65,000	65,000
Mathematical scientists .....	60,000	S	60,000	S	S	62,500	S	S	S	S
<b>Life/related scientists, total</b> .....	42,000	36,000	49,300	45,000	35,000	42,200	26,000	39,000	45,000	43,000
Agricultural/food scientists .....	40,000	S	S	S	S	S	S	S	S	S
Biological scientists .....	42,000	35,000	50,000	43,800	37,500	42,000	S	S	40,000	40,800
Environmental life scientists .....	52,000	S	S	S	S	S	S	S	S	S

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**Table G-13. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and geographic region of employment: 1997**

Highest degree and occupation	Employed S&Es, total	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>Master's — continued</b>										
<b>Physical/related scientists, total</b> ...	\$51,000	\$52,000	\$52,000	\$53,000	\$43,000	\$48,000	\$42,000	\$55,000	\$52,200	\$55,000
Chemistry, except biochemistry .....	50,000	80,000	52,000	60,000	S	49,000	S	49,500	S	50,000
Earth scientists/ geologists/oceanographers .....	53,000	S	50,000	53,000	S	39,000	S	69,400	50,000	55,000
Physicists/astronomers .....	58,000	S	56,000	51,000	S	S	S	S	S	57,000
Other physical/related scientists .....	50,000	S	S	S	S	S	S	S	S	S
<b>Social/related scientists, total</b> .....	41,100	42,000	49,100	38,000	39,000	44,000	36,000	36,000	43,000	43,000
Economists .....	62,500	S	S	S	S	68,500	S	S	S	S
Political/related scientists .....	36,000	S	S	S	S	S	S	S	S	S
Psychologists .....	40,000	37,000	46,400	39,000	37,000	37,000	S	36,000	40,000	43,000
Sociologists/anthropologists .....	33,500	S	S	S	S	S	S	S	S	S
Other social/related scientists .....	S	S	S	S	S	S	S	S	S	S
<b>Engineers, total</b> .....	63,600	65,000	63,500	60,000	62,000	63,000	60,000	68,200	62,000	65,000
Aerospace/related engineers .....	68,000	S	S	65,000	60,000	71,500	S	77,000	65,000	67,400
Chemical engineers .....	70,000	67,000	75,000	63,000	S	70,000	S	73,500	S	73,000
Civil/architectural engineers .....	60,000	64,000	60,100	60,000	50,000	60,000	53,000	60,000	55,000	60,000
Electrical/related engineers .....	69,000	70,000	73,500	62,900	64,000	64,000	64,000	69,700	65,000	72,100
Industrial engineers .....	58,000	S	54,000	56,000	S	60,000	S	56,000	S	67,000
Mechanical engineers .....	60,000	60,000	57,500	61,000	65,000	60,000	S	66,000	60,000	60,000
Other engineers .....	62,000	65,000	60,000	60,000	62,000	64,000	60,000	70,000	57,000	65,000
<b>Non-S&amp;E occupations, total</b> .....	50,000	50,000	56,000	50,000	45,000	49,000	40,000	47,400	48,000	52,000
Managers/administrators .....	68,000	65,000	72,000	71,600	61,000	67,000	55,000	65,000	62,000	70,000
Health/related .....	41,400	38,000	45,000	40,000	41,000	43,000	S	35,000	S	40,000
Teachers, except S&E postsecondary .....	41,000	43,000	50,000	45,000	37,000	36,000	32,000	35,000	40,000	45,000
Sales/marketing .....	60,000	63,000	70,000	60,000	48,000	48,600	S	57,000	60,000	60,000
Other non-S&E occupations .....	40,000	40,000	42,000	38,000	36,000	39,000	34,000	38,000	33,000	45,000
<b>Doctorate</b>										
<b>All occupations, total</b> <sup>2</sup> .....	\$63,000	\$65,000	\$66,000	\$60,000	\$55,000	\$63,000	\$57,000	\$60,000	\$60,000	\$68,700
<b>Scientists, total</b> .....	60,000	60,000	65,000	56,200	54,000	60,000	55,000	55,000	55,000	62,000

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**Table G-13. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and geographic region of employment: 1997**

Highest degree and occupation	Employed S&Es, total	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>Doctorate — continued</b>										
<b>Computer/math sci, total</b> .....	\$65,000	\$71,000	\$72,000	\$60,000	\$57,100	\$61,000	\$53,000	\$60,000	\$60,000	\$74,000
Computer/information scientists .....	74,900	75,000	80,000	68,000	78,000	65,000	56,000	71,000	66,900	80,000
Mathematical scientists .....	70,000	62,000	77,000	38,700	S	73,200	S	60,000	66,000	80,000
<b>Life/related scientists, total</b> .....	57,500	55,000	62,000	59,000	57,500	59,000	52,000	53,000	54,600	58,000
Agricultural/food scientists .....	60,000	S	61,800	68,000	65,000	63,700	55,000	52,000	55,000	52,000
Biological scientists .....	55,000	48,000	63,000	56,200	48,700	56,000	47,500	46,000	50,000	56,000
Environmental life scientists .....	59,000	S	S	S	S	S	S	S	S	67,000
<b>Physical/related scientists, total</b> ...	65,000	63,600	71,000	59,700	55,000	65,600	59,000	62,000	68,600	68,000
Chemistry, except biochemistry .....	70,000	72,000	75,000	69,000	65,000	67,000	70,000	70,000	67,500	69,000
Earth scientists/ geologists/oceanographers .....	62,000	52,000	54,800	40,000	S	69,500	S	64,500	66,000	71,000
Physicists/astronomers .....	73,000	70,000	76,000	59,700	70,000	79,800	63,000	58,000	75,000	75,000
Other physical/related scientists .....	77,800	S	S	S	S	S	S	S	S	S
<b>Social/related scientists, total</b> .....	54,000	58,000	56,000	51,000	48,000	55,800	57,000	50,000	47,000	57,000
Economists .....	73,000	S	84,500	57,700	S	80,100	S	S	S	58,000
Political/related scientists .....	75,000	S	S	S	S	S	S	S	S	S
Psychologists .....	55,000	58,000	60,000	53,000	45,000	54,500	58,000	53,000	50,000	58,000
Sociologists/anthropologists .....	50,900	S	41,000	55,000	S	60,100	S	S	S	50,000
Other social/related scientists .....	52,400	S	S	S	S	69,000	S	S	S	52,000

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

**Table G-13. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and geographic region of employment: 1997**

Highest degree and occupation	Employed S&Es, total	Geographic region of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>Doctorate — continued</b>										
<b>Engineers, total</b> .....	\$72,000	\$72,100	\$75,000	\$70,000	\$66,000	\$75,000	\$65,000	\$70,000	\$70,200	\$75,000
Aerospace/related engineers .....	78,500	S	S	60,000	S	82,500	S	S	S	80,000
Chemical engineers .....	72,100	68,000	78,000	72,100	70,200	75,000	S	70,000	70,000	70,000
Civil/architectural engineers .....	68,000	S	S	S	S	88,000	S	69,500	S	68,000
Electrical/related engineers .....	79,000	79,400	82,000	72,000	67,000	79,300	S	70,000	75,000	80,000
Industrial engineers .....	72,000	S	S	S	S	S	S	S	S	S
Mechanical engineers .....	72,100	90,000	70,000	70,000	S	71,600	S	60,000	75,000	75,000
Other engineers .....	71,200	74,000	73,000	70,000	64,000	80,000	70,000	70,000	70,000	75,000
<b>Non-S&amp;E occupations, total</b> .....	65,000	75,000	65,000	67,500	53,000	68,000	57,200	64,700	61,300	72,100
Managers/administrators .....	83,500	84,200	90,000	77,000	70,000	85,000	79,000	80,000	84,000	86,000
Health/related .....	75,000	50,000	62,000	85,000	80,000	70,000	90,000	62,500	149,900	70,000
Teachers, except S&E postsecondary .....	52,000	52,000	55,000	57,000	49,800	47,000	42,500	45,000	40,000	65,000
Sales/marketing .....	70,000	S	75,000	69,000	S	40,000	S	S	S	72,100
Other non-S&E occupations .....	50,000	60,000	40,000	40,000	33,500	58,000	53,000	45,000	33,500	52,000

1 Includes professional degrees

2 Total excludes 18,700 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 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)