Table F-12. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained and geographic region of employment: 1997

Level and field of highest degree	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
All degree levels[1]										
All degree fields, total	$50,000	$50,000	$53,000	$50,000	$43,000	$49,400	$44,000	$50,000	$48,000	$52,000
Sciences, total	42,000	42,000	46,700	42,000	37,000	41,000	36,000	41,000	40,000	45,000
Computer/math sciences, total	53,100	55,000	57,000	53,000	49,000	51,000	40,900	50,000	54,000	60,000
Computer/information sciences	55,000	57,000	57,000	54,000	50,000	53,000	47,000	53,000	56,400	61,300
Mathematical sciences	50,000	50,000	57,000	50,000	47,500	50,000	35,300	43,000	50,000	55,000
Life/related sciences, total	40,000	39,500	42,000	40,000	35,000	38,000	37,500	39,000	35,000	40,000
Agricultural/food sciences	40,000	34,000	44,000	40,000	36,000	40,000	36,000	40,000	35,000	42,000
Biological sciences	40,000	40,000	42,000	40,000	34,000	38,000	36,000	36,000	35,000	40,000
Environmental life sciences	40,000	37,000	44,000	36,000	34,000	36,000	43,300	44,000	38,000	41,000
Physical/related sciences, total	51,300	52,000	52,000	50,000	42,000	52,000	48,400	50,000	50,000	55,000
Chemistry, except biochemistry	51,000	57,000	55,000	50,000	42,000	50,000	45,200	45,000	51,000	55,000
Earth science, geology and oceanography	48,000	40,000	41,000	42,000	45,000	52,000	44,000	53,000	45,000	50,000
Physics/astronomy	60,000	60,000	60,000	55,000	53,900	66,500	55,000	56,000	52,000	65,000
Other physical sciences	46,000	47,000	42,000	52,000	33,000	46,000	S	31,000	53,000	38,800
Social/related sciences, total	38,500	40,000	42,600	38,000	33,600	36,000	33,500	35,600	35,000	41,000
Economics	49,000	47,100	55,000	45,000	42,000	52,000	50,000	45,000	44,000	48,000
Political/related sciences	40,000	41,000	46,000	38,000	36,000	40,000	39,400	38,500	40,000	42,000
Psychology	36,400	37,000	40,000	38,000	34,000	33,000	30,000	33,500	32,000	40,000
Sociology/anthropology	35,000	38,000	39,000	32,000	30,000	31,900	35,000	28,500	30,000	38,000
Other social sciences	37,000	36,000	42,000	36,000	30,000	38,000	27,100	36,000	34,500	41,000
Engineering, total	60,000	60,000	60,000	56,000	54,500	59,000	57,000	60,100	60,000	62,000
Aerospace/related engineering	60,000	45,000	45,000	60,000	53,000	60,000	65,000	52,000	45,000	65,000
Chemical engineering	63,900	60,800	64,000	60,000	65,000	64,000	55,000	72,300	61,000	62,200
Civil/architectural engineering	55,000	55,000	56,200	51,000	52,000	53,000	54,000	57,500	52,600	58,000
Electrical/related engineering	60,200	64,000	65,000	56,000	59,000	60,000	60,000	62,000	65,000	65,000
Industrial engineering	55,000	51,000	58,000	55,800	48,000	51,000	57,000	60,000	50,000	56,000
Mechanical engineering	58,300	58,000	58,000	60,000	50,000	59,000	55,000	60,000	55,000	60,000
Other engineering	60,000	60,000	60,000	55,000	56,000	58,000	55,000	61,000	60,000	65,000

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

Table F-12. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained and geographic region of employment: 1997

Level and field of highest degree	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
Bachelor's										
All degree fields, total	$45,000	$45,000	$46,800	$45,000	$40,000	$42,400	$40,000	$45,000	$42,100	$48,000
Sciences, total	40,000	40,000	42,000	40,000	35,000	37,000	34,000	39,000	36,000	42,000
Computer/math sciences, total	50,000	50,000	52,000	50,000	49,000	49,000	38,000	48,000	50,000	55,000
Computer/information sciences	52,000	52,000	52,000	52,000	50,000	50,000	46,500	50,000	54,000	56,300
Mathematical sciences	48,000	48,000	50,000	48,000	48,000	48,600	31,000	40,000	48,000	53,000
Life/related sciences, total	36,000	36,500	39,000	36,000	32,000	35,000	34,900	35,000	32,000	40,000
Agricultural/food sciences	37,500	30,000	38,000	35,000	35,000	37,700	35,400	40,000	35,000	40,000
Biological sciences	36,000	39,000	39,100	37,000	30,000	34,000	32,000	33,000	31,300	39,800
Environmental life sciences	36,000	25,000	38,000	32,000	S	33,000	43,300	44,000	37,700	40,000
Physical/related sciences, total	45,500	46,700	42,000	45,000	40,000	47,900	44,500	45,000	44,500	50,000
Chemistry, except biochemistry	45,000	51,200	45,000	43,500	39,500	47,600	45,200	40,000	45,000	51,000
Earth science, geology and oceanography	45,000	36,000	38,500	40,000	50,000	50,000	39,500	50,000	41,000	50,000
Physics/astronomy	52,000	51,100	55,000	53,000	41,000	52,500	55,000	47,000	47,000	57,000
Other physical sciences	42,100	S	39,000	52,000	S	40,000	S	S	S	38,700
Social/related sciences, total	36,000	37,000	40,000	35,000	32,000	34,000	30,100	32,500	32,500	40,000
Economics	45,000	42,000	52,000	43,000	38,000	48,000	42,000	44,000	42,000	45,000
Political/related sciences	39,400	40,000	45,000	36,000	36,000	36,000	37,000	35,000	40,000	41,000
Psychology	32,000	34,000	34,000	31,200	32,000	29,000	23,500	30,000	26,000	38,000
Sociology/anthropology	33,000	36,000	37,000	31,000	29,500	30,000	32,000	28,400	30,000	36,300
Other social sciences	35,000	30,000	38,000	35,000	28,000	35,800	25,000	34,100	33,300	40,000
Engineering, total	56,000	55,500	57,000	55,000	53,000	55,000	55,000	60,000	57,000	60,000
Aerospace/related engineering	55,000	S	44,000	55,600	50,000	55,000	65,000	51,000	42,000	66,300
Chemical engineering	61,000	58,000	60,000	57,000	58,800	62,000	55,000	70,000	60,000	60,000
Civil/architectural engineering	52,100	54,000	55,000	50,000	50,000	50,000	50,000	55,000	52,000	55,000
Electrical/related engineering	59,600	58,500	60,000	55,000	56,000	56,000	60,000	60,500	60,000	60,000
Industrial engineering	51,000	50,000	58,000	55,000	43,200	48,000	53,000	55,000	50,000	50,000
Mechanical engineering	56,000	55,000	55,200	58,000	50,000	55,000	55,000	59,000	50,000	59,000
Other engineering	55,000	55,000	55,000	52,000	54,000	48,500	50,000	60,000	58,000	60,000

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

Table F-12. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained and geographic region of employment: 1997

Level and field of highest degree	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
Master's										
All degree fields, total	$53,000	$53,000	$58,000	$53,000	$47,000	$52,000	$43,500	$52,000	$51,000	$56,500
Sciences, total	50,000	50,000	55,000	48,000	40,000	49,000	39,000	46,000	46,500	51,000
Computer/math sciences, total	60,000	70,000	65,000	58,000	49,000	60,000	48,000	58,200	58,000	65,000
Computer/information sciences	64,000	72,100	65,000	60,000	50,000	62,500	53,000	65,000	60,000	70,000
Mathematical sciences	54,000	55,000	66,900	54,900	46,000	51,200	43,500	50,000	52,500	52,000
Life/related sciences, total	44,000	45,000	49,000	43,500	36,000	47,000	40,000	40,000	42,000	45,000
Agricultural/food sciences	42,000	S	S	46,000	33,000	44,000	S	42,000	S	45,000
Biological sciences	43,000	45,000	48,900	43,000	36,000	44,400	40,400	39,000	43,000	44,900
Environmental life sciences	55,000	S	50,900	S	S	60,000	S	S	S	60,600
Physical/related sciences, total	55,000	60,000	53,000	54,000	43,000	58,000	52,000	55,000	54,000	54,900
Chemistry, except biochemistry	51,000	67,000	55,000	56,200	38,500	49,000	S	33,000	S	54,900
Earth science, geology and oceanography	51,000	S	50,000	42,000	35,000	50,000	S	56,000	52,000	53,300
Physics/astronomy	60,000	60,000	60,000	55,000	S	70,000	S	58,600	66,900	60,000
Other physical sciences	50,000	S	S	S	S	50,000	S	S	S	S
Social/related sciences, total	44,000	42,000	50,000	45,000	40,000	43,000	38,000	39,900	40,000	48,000
Economics	58,000	S	60,000	73,000	S	60,700	S	47,400	S	51,000
Political/related sciences	50,000	S	64,000	40,000	S	57,000	S	52,000	S	52,000
Psychology	42,000	41,600	50,000	45,000	37,000	39,500	38,000	38,500	40,000	48,000
Sociology/anthropology	39,000	S	45,900	30,000	S	40,000	S	S	S	50,000
Other social sciences	42,000	50,000	49,000	48,000	40,000	41,000	S	45,000	S	40,000
Engineering, total	65,000	70,000	65,000	60,000	60,000	65,000	60,000	65,000	62,700	67,000
Aerospace/related engineering	65,000	S	S	66,000	S	86,500	S	55,000	S	60,000
Chemical engineering	68,000	65,000	68,000	65,000	S	65,000	S	80,000	S	75,000
Civil/architectural engineering	60,000	55,000	60,000	60,000	61,500	62,500	55,400	65,200	60,000	60,000
Electrical/related engineering	70,000	75,000	72,000	60,500	62,000	68,000	66,200	65,000	72,100	74,900
Industrial engineering	60,000	S	54,000	56,000	S	60,000	60,000	60,000	S	70,000
Mechanical engineering	62,000	64,200	62,000	60,000	54,000	65,000	65,000	64,000	60,000	60,000
Other engineering	63,000	67,000	65,000	55,000	56,000	62,000	55,000	65,000	60,000	70,000

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

Table F-12. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained and geographic region of employment: 1997

Level and field of highest degree	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
Doctorate										
All degree fields, total	$63,000	$65,000	$66,000	$60,000	$55,000	$63,000	$57,000	$60,000	$60,000	$68,700
Sciences, total	61,000	62,000	66,000	60,000	55,000	63,000	56,000	58,000	60,000	65,000
Computer/math sciences, total	65,000	72,800	72,000	60,000	52,300	63,000	49,100	60,000	65,000	80,100
Computer/information sciences	72,100	80,100	80,000	65,000	70,000	61,900	S	70,000	67,900	87,000
Mathematical sciences	62,000	70,000	67,800	60,000	47,000	63,000	48,000	58,500	60,000	73,000
Life/related sciences, total	60,000	57,000	64,000	62,000	58,000	60,000	54,600	55,000	57,000	60,000
Agricultural/food sciences	60,000	55,000	65,000	61,000	63,000	63,000	57,500	52,000	60,000	53,000
Biological sciences	60,000	58,000	63,000	62,000	55,000	60,000	53,500	55,000	56,000	60,000
Environmental life sciences	60,000	S	70,000	54,000	S	61,000	S	56,000	58,800	58,000
Physical/related sciences, total	70,000	69,000	75,000	65,000	62,000	70,000	61,000	64,500	70,000	72,300
Chemistry, except biochemistry	70,000	70,000	76,000	70,000	65,000	70,000	61,000	63,300	64,800	71,000
Earth science, geology and oceanography	60,000	55,000	58,000	44,200	48,000	62,000	48,000	63,500	64,000	68,000
Physics/astronomy	71,000	70,000	75,000	57,900	51,800	73,500	64,000	65,000	75,000	76,000
Other physical sciences	60,000	S	S	S	S	48,000	S	S	S	S
Social/related sciences, total	57,000	59,500	60,000	55,000	50,000	60,000	56,000	53,300	50,000	60,000
Economics	66,400	62,000	75,000	64,000	53,200	74,200	60,000	62,100	57,000	65,000
Political/related sciences	58,000	70,000	60,000	57,000	51,000	66,900	55,000	54,000	47,000	69,000
Psychology	57,000	58,000	62,000	54,000	49,300	58,800	60,000	55,000	50,000	60,000
Sociology/anthropology	51,300	48,000	52,300	50,800	46,800	50,000	47,200	47,500	52,000	59,000
Other social sciences	52,000	59,000	55,000	48,000	42,500	50,000	51,000	43,000	46,900	63,000

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

Table F-12. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained and geographic region of employment: 1997

Level and field of highest degree	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
Doctorate — continued										
Engineering, total	$75,000	$75,000	$78,000	$70,000	$67,000	$76,000	$65,000	$70,000	$73,000	$77,000
Aerospace/related engineering	73,000	S	S	66,000	S	75,000	S	S	S	71,000
Chemical engineering	78,000	68,000	85,000	77,000	70,000	81,700	60,000	75,000	80,000	76,000
Civil/architectural engineering	67,000	69,000	70,000	66,500	56,000	88,000	65,000	58,100	55,000	68,000
Electrical/related engineering	76,200	80,000	80,000	72,000	72,000	76,000	75,300	70,000	75,000	80,000
Industrial engineering	65,000	S	70,000	55,000	S	62,000	S	74,900	S	67,000
Mechanical engineering	73,000	78,200	75,000	72,800	75,000	70,000	65,400	64,000	72,000	78,000
Other engineering	75,000	72,500	76,000	70,000	64,800	78,000	65,000	70,000	72,100	80,100

1 Includes professional degrees

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)