

Table F-9. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1997

Level and field of highest degree	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	Other
All degree levels¹								
All degree fields, total	\$50,000	\$55,000	\$39,000	\$50,000	\$40,000	\$44,000	\$50,000	\$40,000
S&E degree fields, total	48,000	52,000	36,000	49,000	37,200	41,500	50,000	37,000
Sciences, total	42,000	49,000	35,000	43,000	36,000	37,000	44,000	34,000
Computer/math sciences, total	53,100	57,000	45,000	55,000	42,000	48,000	54,000	50,000
Computer/information sciences	55,000	58,000	50,000	56,400	42,000	48,000	55,000	60,000
Mathematical sciences	50,000	55,000	40,000	51,000	42,000	47,000	48,000	40,000
Life/related sciences, total	40,000	43,200	34,500	40,000	36,000	40,000	39,000	35,000
Agricultural/food sciences	40,000	42,000	32,000	40,000	38,500	38,700	38,000	S
Biological sciences	40,000	44,000	35,000	40,000	36,000	40,000	38,500	30,000
Environmental life sciences	40,000	42,000	34,000	40,000	41,000	35,000	50,000	S
Physical/related sciences, total	51,300	55,000	38,500	53,000	40,000	41,500	47,000	49,000
Chemistry, except biochemistry	51,000	57,000	38,000	53,100	40,000	43,000	45,000	50,000
Earth science, geology and oceanography	48,000	50,000	40,000	49,000	48,000	44,000	41,000	S
Physics/astronomy	60,000	60,000	44,300	60,000	47,000	39,000	55,000	54,000
Other physical sciences	46,000	51,000	33,400	48,000	S	S	40,000	S
Social/related sciences, total	38,500	45,000	32,500	40,000	33,000	34,000	36,000	32,000
Economics	49,000	50,000	38,300	50,000	34,400	40,000	40,000	S
Political/related sciences	40,000	45,000	34,000	42,000	35,000	38,000	35,000	39,000
Psychology	36,400	44,000	32,000	38,000	32,000	30,500	35,000	32,000
Sociology/anthropology	35,000	40,000	30,000	35,000	32,000	32,000	33,000	27,000
Other social sciences	37,000	40,000	33,300	37,000	36,000	38,000	36,000	28,000
Engineering, total	60,000	60,000	50,000	60,000	50,000	52,000	55,000	50,000
Aerospace/related engineering	60,000	60,000	50,000	60,000	55,600	55,000	51,000	S
Chemical engineering	63,900	65,000	51,000	65,000	53,000	50,000	60,000	S
Civil/architectural engineering	55,000	56,000	46,000	55,100	48,000	48,000	52,000	S
Electrical/related engineering	60,200	62,000	55,000	63,000	52,800	55,000	56,000	55,000
Industrial engineering	55,000	56,000	47,100	56,000	44,000	50,000	50,000	S
Mechanical engineering	58,300	59,500	49,000	60,000	50,000	50,000	53,000	50,000
Other engineering	60,000	60,000	49,000	60,000	48,000	54,700	55,000	S
Non-S&E degrees, total	58,100	65,000	46,000	60,000	48,000	52,000	55,000	48,000

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

Table F-9. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1997

Level and field of highest degree	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	Other
Bachelor's								
All degree fields, total	\$45,000	\$50,000	\$34,000	\$45,500	\$36,000	\$40,000	\$42,300	\$35,000
S&E degree fields, total	44,000	50,000	33,000	45,000	35,200	39,600	42,000	33,000
Sciences, total	40,000	45,000	32,000	40,000	34,000	35,000	38,000	30,800
Computer/math sciences, total	50,000	54,000	43,000	52,000	40,000	45,000	50,000	50,000
Computer/information sciences	52,000	54,000	48,000	54,000	40,000	45,000	51,000	S
Mathematical sciences	48,000	53,000	38,000	49,500	41,000	45,000	42,300	S
Life/related sciences, total	36,000	40,000	31,700	36,000	35,000	35,000	35,000	29,000
Agricultural/food sciences	37,500	40,000	30,000	37,500	36,000	36,000	30,000	S
Biological sciences	36,000	40,000	32,000	36,000	34,000	35,000	35,000	26,500
Environmental life sciences	36,000	40,000	27,000	36,000	S	S	S	S
Physical/related sciences, total	45,500	50,000	35,000	48,000	40,000	39,500	38,600	S
Chemistry, except biochemistry	45,000	50,000	36,000	49,000	40,000	42,000	37,000	S
Earth science, geology and oceanography	45,000	45,000	36,000	45,000	S	40,000	37,000	S
Physics/astronomy	52,000	53,000	32,000	53,000	40,000	37,000	45,000	S
Other physical sciences	42,100	50,000	30,000	45,000	S	S	S	S
Social/related sciences, total	36,000	42,000	30,000	37,000	31,000	32,000	35,000	28,500
Economics	45,000	50,000	37,000	48,000	33,500	39,000	38,000	S
Political/related sciences	39,400	42,500	31,400	40,000	34,000	35,000	32,000	40,000
Psychology	32,000	40,000	28,000	33,000	29,000	28,000	30,000	25,000
Sociology/anthropology	33,000	39,000	30,000	34,000	31,000	32,000	30,000	25,500
Other social sciences	35,000	37,000	33,000	35,000	35,000	36,000	31,000	S
Engineering, total	56,000	58,000	48,000	59,000	49,000	50,000	50,000	50,000
Aerospace/related engineering	55,000	57,000	50,000	58,000	S	50,000	50,000	S
Chemical engineering	61,000	63,000	51,000	63,000	52,300	48,400	51,000	S
Civil/architectural engineering	52,100	54,000	45,000	54,000	47,000	45,000	50,000	S
Electrical/related engineering	59,600	60,000	51,000	60,000	50,000	52,000	50,000	S
Industrial engineering	51,000	52,000	45,000	53,000	44,000	50,000	40,000	S
Mechanical engineering	56,000	57,000	46,000	58,000	50,000	50,000	50,000	S
Other engineering	55,000	58,000	45,000	57,000	45,000	54,000	44,000	S
Non-S&E degrees, total	50,000	52,900	43,000	50,000	45,000	48,000	48,000	40,000

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

Table F-9. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1997

Level and field of highest degree	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	Other
Master's								
All degree fields, total	\$53,000	\$60,000	\$43,000	\$54,000	\$45,000	\$50,000	\$55,000	\$45,000
S&E degree fields, total	54,000	60,000	42,500	55,000	44,000	50,000	55,000	45,000
Sciences, total	50,000	55,000	41,000	50,000	42,000	45,000	50,000	40,000
Computer/math sciences, total	60,000	64,500	53,000	62,000	48,000	65,000	59,000	S
Computer/information sciences	64,000	65,000	59,200	67,200	55,000	65,000	60,000	S
Mathematical sciences	54,000	60,000	42,000	55,000	43,000	64,100	57,000	S
Life/related sciences, total	44,000	48,000	40,000	44,400	42,000	45,000	40,000	S
Agricultural/food sciences	42,000	45,000	35,000	42,000	S	S	43,000	S
Biological sciences	43,000	45,000	41,000	43,800	40,000	43,200	40,000	S
Environmental life sciences	55,000	60,000	44,000	54,000	S	S	S	S
Physical/related sciences, total	55,000	58,000	43,000	56,000	45,000	45,000	47,500	S
Chemistry, except biochemistry	51,000	58,000	40,000	52,200	45,000	S	47,000	S
Earth science, geology and oceanography	51,000	53,000	48,000	52,000	S	S	47,000	S
Physics/astronomy	60,000	65,000	47,000	65,000	S	S	50,000	S
Other physical sciences	50,000	55,000	46,000	52,000	S	S	S	S
Social/related sciences, total	44,000	50,000	40,000	45,000	40,000	41,000	39,500	40,000
Economics	58,000	60,000	50,000	60,700	35,000	58,500	45,000	S
Political/related sciences	50,000	55,000	45,000	55,000	48,000	46,000	40,000	S
Psychology	42,000	48,000	40,000	42,000	40,000	38,000	39,500	42,000
Sociology/anthropology	39,000	40,000	39,000	40,000	36,000	S	33,500	S
Other social sciences	42,000	47,000	38,600	42,500	40,000	44,800	50,000	S
Engineering, total	65,000	65,000	55,000	66,000	60,000	57,200	60,000	50,000
Aerospace/related engineering	65,000	66,000	48,000	67,000	S	S	55,000	S
Chemical engineering	68,000	70,000	51,000	74,000	S	60,000	60,000	S
Civil/architectural engineering	60,000	61,500	52,000	61,000	62,500	55,000	55,000	S
Electrical/related engineering	70,000	70,000	60,000	72,000	59,000	65,000	64,000	S
Industrial engineering	60,000	60,000	52,300	60,000	55,000	55,000	60,000	S
Mechanical engineering	62,000	62,600	53,000	64,200	61,000	49,000	60,000	S
Other engineering	63,000	65,000	54,000	65,000	60,000	52,000	56,000	S
Non-S&E degrees, total	52,000	60,000	43,700	53,000	45,000	48,800	53,800	45,000

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

Table F-9. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1997

Level and field of highest degree	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	Other
Doctorate								
All degree fields, total	\$63,000	\$67,000	\$50,000	\$63,400	\$54,000	\$55,000	\$65,000	\$52,000
S&E degree fields, total	65,000	68,400	51,000	65,000	57,000	58,000	65,000	53,400
Sciences, total	61,000	65,000	50,000	62,000	55,000	56,000	59,900	52,000
Computer/math sciences, total	65,000	67,800	56,000	67,000	63,000	67,800	62,000	S
Computer/information sciences	72,100	75,000	65,000	75,000	80,000	80,000	70,000	S
Mathematical sciences	62,000	64,000	50,000	65,000	63,000	53,000	55,000	S
Life/related sciences, total	60,000	63,000	50,000	60,000	54,000	57,000	52,000	58,000
Agricultural/food sciences	60,000	60,000	50,000	60,000	44,000	50,000	57,000	S
Biological sciences	60,000	64,000	50,000	60,000	55,000	62,000	51,000	60,000
Environmental life sciences	60,000	60,000	49,000	60,000	S	S	S	S
Physical/related sciences, total	70,000	70,000	57,200	70,000	65,000	60,000	64,000	78,000
Chemistry, except biochemistry	70,000	72,000	59,000	71,600	62,500	60,000	65,000	S
Earth science, geology and oceanography	60,000	60,000	46,000	60,000	S	51,000	50,000	S
Physics/astronomy	71,000	72,100	59,000	74,000	76,000	66,100	65,000	S
Other physical sciences	60,000	63,000	56,700	62,000	S	S	S	S
Social/related sciences, total	57,000	60,600	50,000	58,000	53,000	50,200	53,000	49,000
Economics	66,400	67,000	64,000	68,000	53,000	75,000	60,000	S
Political/related sciences	58,000	60,000	50,000	59,900	62,000	52,000	58,000	S
Psychology	57,000	62,000	50,000	58,000	53,000	50,000	50,000	52,000
Sociology/anthropology	51,300	53,300	48,000	52,000	50,000	50,000	43,300	34,000
Other social sciences	52,000	56,000	49,000	52,000	50,000	56,000	50,000	S
Engineering, total	75,000	75,000	60,000	76,000	67,700	65,000	72,000	68,000
Aerospace/related engineering	73,000	73,000	S	76,000	S	S	67,000	S
Chemical engineering	78,000	78,200	67,700	80,000	S	69,500	73,600	S
Civil/architectural engineering	67,000	68,000	50,000	69,000	52,000	S	65,000	S
Electrical/related engineering	76,200	77,600	66,000	80,000	73,500	70,000	75,000	S
Industrial engineering	65,000	68,000	60,000	66,000	S	S	65,000	S
Mechanical engineering	73,000	74,000	53,500	75,000	S	65,000	70,000	S
Other engineering	75,000	75,000	58,000	76,000	64,000	66,500	70,000	S
Non-S&E degrees, total	58,000	60,000	47,000	59,000	52,000	52,000	60,000	S

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)