Table F-9. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1999

Level and field of highest degree	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian/Pacific Islander	Other
All degree levels[1]								
All degree fields, total	$54,000	$60,000	$40,000	$55,000	$43,000	$45,000	$56,000	$43,600
S&E degree fields, total	50,800	59,000	38,600	52,000	40,000	43,000	55,000	41,000
Sciences, total	45,000	52,000	37,000	47,000	37,000	39,000	50,000	39,000
Computer/math sciences, total	61,000	65,000	52,000	62,700	49,900	52,000	63,000	55,000
Computer/information sciences	65,000	67,000	58,600	65,700	49,900	52,000	65,000	55,000
Mathematical sciences	56,900	62,500	45,000	58,000	50,000	51,200	59,000	40,000
Life/related sciences, total	41,000	46,000	35,900	42,000	36,000	36,000	41,000	36,000
Agricultural/food sciences	41,500	45,000	34,600	42,500	36,000	31,000	40,000	29,000
Biological sciences	41,000	47,000	36,000	41,800	36,000	36,400	41,000	36,000
Environmental life sciences	42,000	45,000	34,000	41,700	60,000	38,000	45,000	39,000
Physical/related sciences, total	56,000	60,000	42,000	57,700	44,000	43,000	54,000	50,000
Chemistry, except biochemistry	55,000	60,000	42,000	58,000	43,000	42,000	50,000	51,000
Earth science, geology and oceanography	50,000	51,000	40,000	50,000	54,000	45,000	45,000	31,000
Physics/astronomy	65,000	68,000	50,000	66,900	50,000	38,000	67,000	60,000
Other physical sciences	52,000	59,000	36,000	52,000	S	52,000	55,000	S
Social/related sciences, total	40,000	48,000	35,000	42,000	35,000	36,000	39,000	37,000
Economics	52,000	55,000	44,500	54,000	36,000	45,000	45,000	S
Political/related sciences	45,000	50,000	37,000	46,000	36,000	40,000	40,000	50,000
Psychology	39,000	48,000	34,000	40,000	35,000	33,000	36,000	30,000
Sociology/anthropology	36,000	42,000	32,000	36,000	32,000	35,000	35,000	27,500
Other social sciences	39,000	43,000	35,000	40,000	35,000	35,000	35,000	37,000
Engineering, total	65,000	66,700	55,000	67,000	55,000	56,500	61,000	60,000
Aerospace/related engineering	68,000	68,500	60,000	70,000	40,000	60,000	59,100	S
Chemical engineering	70,000	71,000	55,000	70,700	59,300	56,500	62,000	S
Civil/architectural engineering	60,000	60,000	50,000	60,500	52,000	50,000	59,000	50,000
Electrical/related engineering	70,000	70,000	60,300	71,000	60,000	60,000	65,000	S
Industrial engineering	60,000	60,000	52,000	60,000	50,000	59,000	60,000	S
Mechanical engineering	63,900	65,000	54,000	65,000	54,000	55,000	60,000	60,000
Other engineering	65,000	65,700	53,000	65,000	49,000	56,000	60,900	60,000
Non-S&E degrees, total	62,000	71,000	50,000	64,000	52,000	56,000	61,000	50,000

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: 1999

Level and field of highest degree	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian/Pacific Islander	Other
Bachelor's								
All degree fields, total	$49,000	$55,000	$36,000	$50,000	$38,000	$41,000	$48,000	$39,000
S&E degree fields, total	48,000	55,000	35,000	50,000	37,000	40,000	48,000	39,000
Sciences, total	42,000	50,000	35,000	43,000	35,000	36,000	41,000	36,000
Computer/math sciences, total	60,000	62,500	50,000	60,000	47,300	50,000	58,000	40,000
Computer/information sciences	60,000	64,000	56,000	63,000	46,000	50,000	60,000	S
Mathematical sciences	55,000	60,000	43,000	55,000	48,000	49,800	50,000	S
Life/related sciences, total	38,000	42,000	33,000	39,000	35,000	35,000	38,000	34,000
Agricultural/food sciences	40,000	42,500	31,000	40,000	34,000	31,000	32,100	S
Biological sciences	38,000	42,000	33,000	38,000	35,000	35,000	38,000	S
Environmental life sciences	38,000	40,000	29,000	38,000	S	S	S	S
Physical/related sciences, total	50,000	53,000	38,000	51,000	43,000	41,000	42,500	40,500
Chemistry, except biochemistry	50,000	54,000	40,000	52,000	41,000	39,000	41,400	S
Earth science, geology and oceanography	48,000	49,000	32,000	48,000	S	45,000	22,000	S
Physics/astronomy	57,300	59,000	46,000	58,500	50,000	36,500	55,000	S
Other physical sciences	43,000	57,000	32,000	42,000	S	S	S	S
Social/related sciences, total	39,000	45,000	32,200	40,000	33,000	35,000	37,000	35,000
Economics	50,000	52,000	43,000	50,000	35,000	43,000	40,000	S
Political/related sciences	42,000	46,800	35,000	44,900	35,000	38,000	38,000	50,000
Psychology	35,000	43,000	30,800	35,000	32,000	30,000	35,000	27,000
Sociology/anthropology	35,000	40,000	31,000	35,000	32,000	35,000	38,600	S
Other social sciences	37,000	40,000	34,000	38,000	33,000	35,000	34,000	S
Engineering, total	62,000	63,200	52,000	65,000	53,000	55,000	54,200	57,000
Aerospace/related engineering	65,000	65,000	60,000	66,200	35,000	60,000	53,500	S
Chemical engineering	65,000	68,000	54,000	68,000	59,300	55,000	51,600	S
Civil/architectural engineering	59,500	60,000	46,000	60,000	50,000	46,000	55,000	S
Electrical/related engineering	65,900	67,000	56,900	70,000	58,000	55,000	57,000	S
Industrial engineering	60,000	60,000	50,000	60,000	46,800	59,000	42,000	S
Mechanical engineering	61,000	62,000	53,000	63,000	52,500	53,000	54,000	S
Other engineering	60,000	61,000	48,000	60,000	45,000	54,000	50,000	S
Non-S&E degrees, total	55,000	60,000	47,000	56,000	48,000	48,000	52,000	S

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: 1999

Level and field of highest degree	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian/Pacific Islander	Other
Master's								
All degree fields, total	$58,000	$65,000	$45,000	$58,200	$48,000	$52,000	$63,000	$50,000
S&E degree fields, total	60,000	65,000	45,000	60,000	48,000	52,000	63,200	53,000
Sciences, total	52,000	60,000	44,000	52,000	45,300	45,000	60,000	45,000
Computer/math sciences, total	68,800	71,000	60,000	69,200	61,000	70,000	68,000	S
Computer/information sciences	72,000	75,000	65,000	75,000	66,000	70,000	70,000	S
Mathematical sciences	60,000	66,000	48,000	60,000	50,000	72,600	60,000	S
Life/related sciences, total	46,400	49,000	42,000	47,000	47,500	44,000	42,400	S
Agricultural/food sciences	46,400	50,000	39,000	48,000	S	S	40,000	S
Biological sciences	45,000	47,500	42,000	45,900	45,000	44,000	42,000	S
Environmental life sciences	55,000	61,000	50,000	55,000	S	S	S	S
Physical/related sciences, total	58,000	60,000	45,000	60,000	50,000	43,000	53,000	S
Chemistry, except biochemistry	50,000	58,000	40,000	55,000	38,000	S	50,000	S
Earth science, geology and oceanography	53,000	53,000	50,000	54,000	S	46,000	48,000	S
Physics/astronomy	69,000	70,800	50,000	70,700	S	S	63,000	S
Other physical sciences	57,500	62,000	50,000	58,000	S	S	S	S
Social/related sciences, total	45,000	52,000	41,000	47,000	43,000	42,000	40,000	40,000
Economics	65,000	69,000	48,000	68,000	50,000	61,000	48,000	S
Political/related sciences	55,800	60,000	45,000	60,000	46,000	45,500	36,500	S
Psychology	43,600	49,500	40,000	44,000	42,000	41,000	42,000	S
Sociology/anthropology	41,000	48,000	40,000	43,500	40,600	S	31,000	S
Other social sciences	43,000	44,000	42,000	43,000	43,000	24,000	S	S
Engineering, total	70,000	72,000	60,500	72,600	60,000	64,000	68,000	60,000
Aerospace/related engineering	70,000	70,000	56,000	70,000	S	S	65,000	S
Chemical engineering	77,000	80,100	60,000	82,000	S	55,000	72,100	S
Civil/architectural engineering	63,000	65,000	54,000	65,000	59,000	60,000	61,000	S
Electrical/related engineering	77,000	79,000	68,000	80,000	60,000	75,000	70,200	S
Industrial engineering	65,500	67,000	60,000	65,500	59,000	84,000	69,000	S
Mechanical engineering	69,000	70,000	60,000	70,000	63,000	60,000	64,900	S
Other engineering	69,000	70,000	61,000	70,000	61,000	58,000	64,800	S
Non-S&E degrees, total	56,000	65,000	45,000	57,000	46,300	50,000	60,000	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: 1999

Level and field of highest degree	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian/Pacific Islander	Other
Doctorate								
All degree fields, total	$68,000	$71,500	$55,000	$68,000	$60,000	$60,000	$70,000	$61,000
S&E degree fields, total	69,900	72,800	56,000	70,000	60,000	60,300	70,000	62,000
Sciences, total	65,000	70,000	55,000	66,000	59,000	60,000	63,900	60,000
Computer/math sciences, total	72,000	73,000	64,700	72,000	65,000	70,000	70,000	S
Computer/information sciences	80,000	82,000	72,000	80,000	74,000	95,000	80,000	S
Mathematical sciences	67,000	68,000	59,400	68,000	63,000	57,400	65,000	S
Life/related sciences, total	62,000	66,000	54,000	64,000	56,900	60,000	56,000	56,000
Agricultural/food sciences	62,000	63,000	56,000	64,000	47,000	47,000	52,000	S
Biological sciences	62,000	67,000	54,000	64,000	57,000	62,000	56,000	60,000
Environmental life sciences	60,000	62,000	52,000	60,200	S	S	59,000	S
Physical/related sciences, total	75,000	76,000	62,000	75,400	67,000	70,000	70,000	78,000
Chemistry, except biochemistry	74,900	76,000	65,000	76,000	70,000	70,000	70,000	55,000
Earth science, geology and oceanography	65,000	65,000	50,000	65,000	S	62,000	60,000	S
Physics/astronomy	78,000	80,000	65,000	80,000	70,000	76,400	75,000	S
Other physical sciences	64,000	66,000	64,000	66,000	S	S	S	S
Social/related sciences, total	60,000	65,000	54,000	61,000	57,000	53,000	60,000	53,000
Economics	73,000	75,000	66,000	75,000	60,000	70,000	64,000	S
Political/related sciences	62,000	65,000	55,000	63,000	76,000	53,000	56,000	S
Psychology	60,000	65,000	54,000	60,000	55,000	52,000	58,000	54,000
Sociology/anthropology	55,000	58,000	50,000	55,900	55,000	52,000	48,000	45,000
Other social sciences	58,100	63,300	52,000	59,000	50,000	59,700	58,000	S
Engineering, total	80,000	81,000	68,000	82,200	70,000	68,400	79,000	83,000
Aerospace/related engineering	80,000	81,200	S	82,000	S	S	75,000	S
Chemical engineering	82,600	85,000	72,000	85,000	75,000	82,300	79,400	S
Civil/architectural engineering	75,000	75,700	57,000	75,000	S	S	76,000	S
Electrical/related engineering	86,400	88,100	75,000	90,000	77,000	67,000	86,000	S
Industrial engineering	75,000	78,000	68,000	74,900	S	S	78,000	S
Mechanical engineering	75,000	75,000	66,000	79,000	72,100	59,000	70,000	S
Other engineering	78,000	80,000	66,900	80,000	65,500	70,000	75,000	S
Non-S&E degrees, total	60,000	65,000	48,000	60,000	60,000	60,000	59,000	S

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)