

Table F-4. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, race/ethnicity, and employment sector: 1999

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
All degree levels¹					
All degree fields, total	\$54,000	\$60,000	\$45,000	\$38,300	\$50,000
White	55,000	60,000	47,400	39,000	52,000
Black	43,000	45,000	41,000	38,700	43,000
Hispanic	45,000	50,000	38,500	36,000	45,000
Asian/Pacific Islander	56,000	60,000	40,000	38,000	52,000
Other	43,600	45,000	38,000	36,500	46,900
S&E degree fields, total	50,800	56,000	43,000	35,000	49,000
White	52,000	57,000	45,000	35,000	50,000
Black	40,000	42,000	38,000	32,700	40,000
Hispanic	43,000	46,000	35,000	33,000	44,000
Asian/Pacific Islander	55,000	60,000	40,000	34,000	52,000
Other	41,000	40,000	42,000	35,000	46,700
Sciences, total	45,000	50,000	42,000	35,000	45,000
White	47,000	50,000	43,100	35,000	46,000
Black	37,000	38,000	36,000	32,700	38,000
Hispanic	39,000	40,000	35,000	33,000	42,000
Asian/Pacific Islander	50,000	55,000	38,000	34,000	43,800
Other	39,000	37,000	42,000	35,000	43,000
Computer/math sciences, total	61,000	66,000	50,000	36,000	53,000
White	62,700	68,000	51,000	36,000	56,700
Black	49,900	52,000	39,000	35,000	50,000
Hispanic	52,000	60,000	36,000	33,000	48,000
Asian/Pacific Islander	63,000	65,000	50,000	40,000	51,000
Other	55,000	55,000	S	S	S
Life/related sciences, total	41,000	42,000	38,000	35,000	45,000
White	42,000	42,000	39,500	36,000	47,000
Black	36,000	36,000	35,000	34,000	38,600
Hispanic	36,000	40,000	32,500	35,000	36,000
Asian/Pacific Islander	41,000	45,300	35,000	33,000	42,000
Other	36,000	30,000	30,000	S	46,900
Physical/related sciences, total	56,000	61,000	45,000	35,000	52,000
White	57,700	63,000	46,900	35,000	53,000
Black	44,000	48,000	42,900	32,000	44,700
Hispanic	43,000	42,000	42,000	36,500	45,000
Asian/Pacific Islander	54,000	60,000	40,000	41,000	51,000
Other	50,000	40,500	51,400	S	S
Social/related sciences, total	40,000	42,000	41,700	34,500	41,000
White	42,000	43,000	44,000	35,000	42,500
Black	35,000	33,000	35,000	32,000	36,500
Hispanic	36,000	35,000	37,000	32,200	42,000
Asian/Pacific Islander	39,000	40,000	38,000	32,000	40,000
Other	37,000	33,600	38,000	35,000	40,000

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

Table F-4. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, race/ethnicity, and employment sector: 1999

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
All degree levels¹ — continued					
Engineering, total	\$65,000	\$67,000	\$56,500	\$36,000	\$60,000
White	67,000	69,000	60,000	37,000	61,500
Black	55,000	55,000	54,000	S	57,000
Hispanic	56,500	57,000	40,000	S	58,000
Asian/Pacific Islander	61,000	64,000	50,000	S	58,000
Other	60,000	60,000	S	S	60,000
Non-S&E degree fields, total	62,000	72,000	54,000	45,000	56,000
White	64,000	73,000	56,000	45,000	57,000
Black	52,000	60,000	50,000	43,000	52,000
Hispanic	56,000	70,000	46,000	43,000	52,000
Asian/Pacific Islander	61,000	70,000	42,000	40,000	52,000
Other	50,000	58,100	S	S	52,000
Bachelor's					
All degree fields, total	\$49,000	\$52,000	\$33,000	\$30,000	\$45,800
White	50,000	54,000	34,000	30,000	47,000
Black	38,000	40,500	33,000	28,500	38,000
Hispanic	41,000	45,000	29,000	32,000	43,000
Asian/Pacific Islander	48,000	50,000	35,000	33,000	48,000
Other	39,000	37,500	S	S	46,000
S&E degree fields, total	48,000	52,000	32,000	30,000	45,000
White	50,000	53,000	32,000	30,000	46,900
Black	37,000	40,000	33,000	28,500	38,000
Hispanic	40,000	44,000	29,000	31,500	43,000
Asian/Pacific Islander	48,000	50,000	34,000	33,000	49,000
Other	39,000	37,500	S	S	46,000
Sciences, total	42,000	46,000	31,500	30,000	41,000
White	43,000	48,000	31,500	30,000	43,000
Black	35,000	36,300	33,000	28,100	36,400
Hispanic	36,000	38,000	28,500	32,000	40,000
Asian/Pacific Islander	41,000	46,000	32,000	33,000	39,000
Other	36,000	33,600	S	S	43,000
Computer/math sciences, total	60,000	63,000	46,000	32,000	50,000
White	60,000	65,000	48,800	32,000	52,000
Black	47,300	50,000	S	32,300	49,000
Hispanic	50,000	56,000	S	S	45,000
Asian/Pacific Islander	58,000	60,000	S	S	49,100
Other	40,000	40,000	S	S	S
Life/related sciences, total	38,000	40,000	30,000	32,000	42,000
White	39,000	40,000	30,000	33,000	43,000
Black	35,000	35,000	30,600	27,700	36,000
Hispanic	35,000	37,000	27,000	33,000	35,500
Asian/Pacific Islander	38,000	42,000	32,000	S	37,000
Other	34,000	29,000	S	S	S

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

Table F-4. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, race/ethnicity, and employment sector: 1999

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
Bachelor's — continued					
Physical/related sciences, total	\$50,000	\$55,100	\$26,500	\$31,000	\$47,000
White	51,000	58,000	25,000	30,000	48,000
Black	43,000	45,000	S	S	39,000
Hispanic	41,000	40,000	S	S	S
Asian/Pacific Islander	42,500	46,000	S	S	S
Other	40,500	S	S	S	S
Social/related sciences, total	39,000	40,000	32,000	30,000	40,000
White	40,000	42,000	33,000	30,000	40,000
Black	33,000	32,000	33,000	27,500	35,000
Hispanic	35,000	35,000	29,100	31,000	40,000
Asian/Pacific Islander	37,000	38,500	31,000	S	38,600
Other	35,000	33,000	S	S	42,900
Engineering, total	62,000	64,000	42,500	35,000	60,000
White	65,000	65,000	45,000	36,000	60,000
Black	53,000	52,500	S	S	55,500
Hispanic	55,000	55,000	S	S	55,000
Asian/Pacific Islander	54,200	55,000	40,000	S	55,000
Other	57,000	57,000	S	S	S
Non-S&E degree fields, total	55,000	58,800	42,000	32,000	50,000
White	56,000	59,000	42,000	35,000	51,300
Black	48,000	59,000	S	S	42,700
Hispanic	48,000	56,000	S	S	S
Asian/Pacific Islander	52,000	54,000	S	S	S
Other	S	S	S	S	S
Master's					
All degree fields, total	\$58,000	\$68,000	\$40,000	\$45,000	\$54,000
White	58,200	70,000	40,000	45,000	54,000
Black	48,000	51,000	40,000	44,000	50,000
Hispanic	52,000	60,000	36,000	43,000	50,200
Asian/Pacific Islander	63,000	67,000	38,000	40,000	55,000
Other	50,000	54,000	S	41,000	52,000
S&E degree fields, total	60,000	68,000	38,500	45,300	55,000
White	60,000	69,200	39,000	46,000	55,000
Black	48,000	53,000	34,900	45,000	51,000
Hispanic	52,000	60,000	34,500	40,300	56,000
Asian/Pacific Islander	63,200	66,000	36,000	42,000	55,800
Other	53,000	55,000	S	S	S
Sciences, total	52,000	60,900	37,500	45,000	50,000
White	52,000	62,000	38,000	46,000	51,000
Black	45,300	50,000	34,900	45,000	50,000
Hispanic	45,000	51,000	39,000	42,000	49,000
Asian/Pacific Islander	60,000	64,000	35,000	42,000	50,000
Other	45,000	S	S	S	S

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

Table F-4. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, race/ethnicity, and employment sector: 1999

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
Master's — continued					
Computer/math sciences, total	\$68,800	\$75,000	\$42,000	\$47,000	\$63,000
White	69,200	78,000	42,900	47,000	65,000
Black	61,000	68,000	S	44,000	S
Hispanic	70,000	80,000	S	S	S
Asian/Pacific Islander	68,000	70,000	S	S	S
Other	S	S	S	S	S
Life/related sciences, total	46,400	50,000	35,000	47,500	49,500
White	47,000	50,000	35,000	48,000	49,500
Black	47,500	45,000	S	S	S
Hispanic	44,000	S	35,000	S	S
Asian/Pacific Islander	42,400	48,000	33,000	S	S
Other	S	S	S	S	S
Physical/related sciences, total	58,000	65,000	34,000	42,000	60,000
White	60,000	67,600	38,000	42,000	63,000
Black	50,000	55,000	S	S	S
Hispanic	43,000	45,000	S	S	S
Asian/Pacific Islander	53,000	56,000	32,000	S	S
Other	S	S	S	S	S
Social/related sciences, total	45,000	47,900	39,000	45,000	48,000
White	47,000	50,000	40,000	45,000	49,000
Black	43,000	40,000	34,900	45,000	45,000
Hispanic	42,000	42,000	41,000	41,000	48,000
Asian/Pacific Islander	40,000	40,000	S	S	45,000
Other	40,000	S	S	S	S
Engineering, total	70,000	73,000	49,000	47,100	65,000
White	72,600	75,000	55,000	S	65,000
Black	60,000	63,000	S	S	59,000
Hispanic	64,000	66,000	22,000	S	60,000
Asian/Pacific Islander	68,000	70,000	45,000	S	65,000
Other	60,000	S	S	S	S
Non-S&E degree fields, total	56,000	68,000	42,000	45,000	52,600
White	57,000	70,000	42,300	45,000	53,600
Black	46,300	51,000	43,400	43,000	49,700
Hispanic	50,000	65,000	S	48,000	48,000
Asian/Pacific Islander	60,000	70,000	40,000	40,000	52,600
Other	48,000	S	S	S	S
Doctorate					
All degree fields, total	\$68,000	\$80,000	\$59,500	\$54,000	\$69,500
White	68,000	80,000	60,000	54,000	70,000
Black	60,000	63,000	60,000	45,000	60,000
Hispanic	60,000	72,100	50,000	60,000	60,000
Asian/Pacific Islander	70,000	77,200	52,000	55,000	65,000
Other	61,000	66,900	60,000	S	62,000

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

Table F-4. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, race/ethnicity, and employment sector: 1999

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
Doctorate — continued					
S&E degree fields, total	\$69,900	\$80,000	\$59,800	\$50,000	\$70,000
White	70,000	82,000	60,000	50,000	70,000
Black	60,000	75,000	55,000	47,500	65,000
Hispanic	60,300	80,000	50,400	50,000	68,400
Asian/Pacific Islander	70,000	77,200	51,000	50,000	65,000
Other	62,000	66,900	59,000	S	62,000
Sciences, total	65,000	80,000	57,000	50,000	69,000
White	66,000	80,000	59,000	50,000	69,300
Black	59,000	73,500	53,500	47,500	65,000
Hispanic	60,000	80,000	50,000	52,000	70,000
Asian/Pacific Islander	63,900	75,000	47,500	50,000	65,000
Other	60,000	65,000	55,000	S	61,000
Computer/math sciences, total	72,000	90,000	61,000	52,000	69,000
White	72,000	94,000	61,000	53,000	66,000
Black	65,000	85,000	61,000	S	S
Hispanic	70,000	100,000	57,400	S	S
Asian/Pacific Islander	70,000	80,000	60,000	S	S
Other	S	S	S	S	S
Life/related sciences, total	62,000	75,000	56,000	45,000	67,000
White	64,000	78,000	58,500	45,000	69,000
Black	56,900	65,000	54,000	44,200	65,000
Hispanic	60,000	80,100	46,000	S	80,000
Asian/Pacific Islander	56,000	70,000	42,700	S	60,000
Other	56,000	63,000	50,000	S	61,000
Physical/related sciences, total	75,000	83,000	59,800	45,000	79,000
White	75,400	86,000	60,300	44,000	79,000
Black	67,000	73,500	45,000	S	S
Hispanic	70,000	83,000	53,000	S	85,000
Asian/Pacific Islander	70,000	75,000	48,000	50,000	77,000
Other	78,000	S	55,000	S	S
Social/related sciences, total	60,000	71,000	56,200	55,000	63,000
White	61,000	71,000	58,000	55,000	63,000
Black	57,000	74,000	54,000	47,000	60,000
Hispanic	53,000	66,100	50,000	52,000	62,000
Asian/Pacific Islander	60,000	73,500	51,000	55,000	60,000
Other	53,000	S	47,000	S	S
Engineering, total	80,000	85,000	72,100	45,000	75,000
White	82,200	89,000	75,000	46,000	80,000
Black	70,000	85,000	62,700	S	S
Hispanic	68,400	80,000	55,000	S	S
Asian/Pacific Islander	79,000	80,100	70,000	S	66,000
Other	83,000	S	S	S	S

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

Table F-4. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, race/ethnicity, and employment sector: 1999

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
Doctorate — continued					
Non-S&E degree fields, total	\$60,000	\$65,000	\$57,000	\$60,000	\$65,000
White	60,000	65,000	57,000	60,000	75,000
Black	60,000	S	S	S	S
Hispanic	60,000	S	S	S	S
Asian/Pacific Islander	59,000	S	56,000	S	S
Other	S	S	S	S	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)