

Table G-8. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and primary/secondary work activity : 1997

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹						
All occupations, total²	\$50,000	\$54,000	\$40,000	\$52,000	\$50,000	\$47,000
White	50,000	55,000	40,000	53,000	51,000	48,000
Black	40,000	44,600	35,000	41,500	41,000	37,600
Hispanic	44,000	47,000	36,000	46,000	48,000	41,600
Asian	50,000	54,000	42,000	50,000	52,000	45,000
Other	40,000	40,000	33,000	42,000	38,500	38,000
S&E occupations, total	55,000	56,000	50,000	57,600	55,000	52,000
White	55,000	57,000	50,000	58,000	55,000	52,200
Black	48,000	48,500	41,000	50,000	48,000	43,500
Hispanic	50,000	50,000	47,000	54,000	52,000	50,000
Asian	55,000	55,000	50,000	57,500	55,000	54,000
Other	49,000	49,900	40,000	46,000	50,000	40,000
Scientists, total	52,000	53,000	48,000	54,000	55,000	47,500
White	52,300	54,500	48,500	55,000	55,000	48,000
Black	46,000	46,000	39,000	47,000	47,000	40,000
Hispanic	48,000	45,000	46,000	50,000	52,000	43,000
Asian	53,000	52,000	49,000	55,000	55,000	50,000
Other	40,000	39,000	39,000	40,000	50,000	38,000
Computer/math scientists, total	56,000	59,000	48,000	58,000	55,000	56,300
White	56,800	60,000	48,400	58,300	55,200	58,000
Black	48,000	48,000	40,000	50,000	48,000	50,900
Hispanic	53,000	52,500	48,000	54,000	53,000	50,000
Asian	56,000	57,000	50,000	59,500	56,000	55,000
Other	54,000	54,000	S	S	60,900	S
Life/related scientists, total	44,000	44,000	50,000	47,000	40,000	45,000
White	45,000	45,000	50,000	48,000	40,000	45,000
Black	45,900	46,000	39,000	47,000	36,000	40,000
Hispanic	40,000	35,700	49,200	42,500	34,500	55,000
Asian	40,000	39,600	56,000	45,000	40,000	46,000
Other	27,900	25,000	S	38,000	S	S
Physical/related scientists, total ...	50,000	52,000	50,000	52,000	45,000	45,000
White	50,000	53,000	50,000	52,200	45,500	46,700
Black	42,000	45,000	34,500	42,000	41,000	38,000
Hispanic	41,300	40,500	43,600	47,500	32,000	38,000
Asian	50,000	50,000	45,000	50,000	39,800	45,000
Other	58,000	40,000	S	S	S	S
Social/related scientists, total	45,000	47,000	45,000	48,000	42,000	43,000
White	45,000	48,000	46,900	49,500	43,000	44,000
Black	36,900	38,000	39,900	38,000	38,000	36,000
Hispanic	40,000	39,000	39,000	48,000	S	40,000
Asian	44,000	48,000	46,000	40,000	35,000	40,000
Other	30,000	30,000	42,000	25,000	S	30,000

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

Table G-8. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and primary/secondary work activity : 1997

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹ — continued						
Engineers, total	\$60,000	\$60,000	\$57,800	\$60,000	\$56,000	\$58,000
White	60,000	60,000	58,000	60,000	57,200	59,000
Black	52,000	53,000	50,000	52,400	50,000	53,400
Hispanic	54,000	52,000	52,000	55,000	52,200	60,000
Asian	58,000	59,900	60,000	60,000	55,000	56,000
Other	53,000	55,000	S	52,700	50,000	50,000
Non-S&E occupations, total	46,000	48,500	37,000	50,000	43,000	45,000
White	48,000	50,000	38,000	50,000	45,000	46,000
Black	38,000	40,000	34,800	40,000	37,000	37,000
Hispanic	40,000	40,000	35,000	42,100	40,000	40,000
Asian	42,000	45,000	38,000	45,000	44,000	40,700
Other	36,000	35,000	32,000	41,600	30,000	35,000
Managers/administrators	62,000	73,000	50,000	62,300	55,000	58,000
White	64,000	75,000	50,000	65,000	56,000	60,000
Black	50,000	50,000	45,000	50,000	45,000	48,000
Hispanic	55,000	65,000	45,000	55,000	51,000	51,000
Asian	60,000	75,000	60,000	57,000	52,100	58,000
Other	50,900	50,000	S	50,000	S	55,000
Other non-S&E occupations	40,000	41,000	36,000	40,000	40,000	42,000
White	40,000	42,000	37,000	41,400	40,000	44,000
Black	35,000	36,000	34,000	35,000	35,000	35,000
Hispanic	36,000	36,000	34,600	36,000	36,000	38,200
Asian	38,700	40,000	37,500	38,000	43,000	40,000
Other	32,000	30,000	32,000	32,500	29,000	33,000
Bachelor's						
All occupations, total²	\$45,000	\$50,000	\$30,000	\$46,000	\$48,000	\$39,500
White	45,500	50,200	30,000	48,000	50,000	40,000
Black	36,000	41,000	28,000	36,600	40,000	32,000
Hispanic	40,000	42,000	30,000	40,800	45,000	36,000
Asian	42,300	48,000	30,000	42,000	47,500	39,300
Other	35,000	38,000	28,000	38,000	32,000	31,500
S&E occupations, total	52,000	53,000	38,900	55,000	52,500	51,000
White	53,000	54,000	40,000	55,000	54,000	52,000
Black	47,500	47,900	38,000	50,000	47,000	43,000
Hispanic	49,500	47,000	32,000	50,000	50,000	48,000
Asian	50,000	50,000	35,500	50,400	50,000	50,000
Other	45,000	42,000	S	39,700	50,000	40,000
Scientists, total	50,000	49,000	34,000	50,000	52,000	42,000
White	50,000	50,000	35,000	50,000	53,000	42,000
Black	45,000	45,000	30,000	47,000	46,000	36,000
Hispanic	46,000	40,000	S	46,000	50,000	36,000
Asian	48,000	46,000	30,000	48,000	50,000	43,000
Other	31,600	38,000	S	29,000	S	S

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

Table G-8. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and primary/secondary work activity : 1997

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Bachelor's — continued						
Computer/math scientists, total	\$54,000	\$55,000	\$45,000	\$55,000	\$53,000	\$52,000
White	55,000	56,000	45,000	55,000	54,000	54,000
Black	47,000	46,500	S	48,000	46,500	49,000
Hispanic	50,000	50,000	S	48,000	50,000	S
Asian	50,000	52,000	S	52,000	51,000	50,000
Other	S	S	S	S	S	S
Life/related scientists, total	36,000	32,000	28,000	40,000	38,000	40,000
White	36,000	32,000	30,000	40,000	38,000	40,000
Black	46,000	S	S	S	S	S
Hispanic	33,000	22,000	S	S	S	S
Asian	35,000	31,000	S	S	S	S
Other	S	S	S	S	S	S
Physical/related scientists, total ...	42,000	42,800	16,000	46,000	40,000	42,000
White	42,800	44,000	16,000	47,900	40,900	42,000
Black	41,000	42,000	S	42,000	S	S
Hispanic	34,000	32,000	S	S	S	S
Asian	40,000	41,000	S	43,000	S	S
Other	S	S	S	S	S	S
Social/related scientists, total	25,000	24,000	19,000	27,000	25,000	25,000
White	25,000	24,000	19,000	29,000	30,000	25,000
Black	27,500	S	S	S	S	S
Hispanic	22,500	S	S	S	S	S
Asian	S	S	S	S	S	S
Other	S	S	S	S	S	S
Engineers, total	55,000	55,000	50,000	58,000	53,000	56,000
White	56,700	57,000	50,000	59,000	55,000	56,500
Black	50,000	52,000	S	52,000	48,000	52,300
Hispanic	52,000	50,000	S	54,000	50,000	60,000
Asian	51,000	52,000	S	53,000	50,000	52,000
Other	53,000	53,000	S	52,700	S	S
Non-S&E occupations, total	40,000	42,000	30,000	42,000	40,000	36,000
White	40,000	43,500	30,000	44,000	41,600	36,300
Black	33,000	35,000	28,000	35,000	34,000	31,000
Hispanic	35,000	35,000	30,000	37,000	36,000	35,000
Asian	36,500	40,000	29,000	37,000	40,000	36,000
Other	31,000	25,000	29,800	36,000	28,000	30,000
Managers/administrators	56,000	70,000	45,000	57,000	50,000	50,000
White	60,000	70,000	50,000	60,000	51,000	50,000
Black	45,000	49,000	S	45,000	43,000	43,500
Hispanic	49,500	65,000	S	50,000	50,000	46,000
Asian	50,000	60,000	S	49,000	51,000	50,000
Other	46,000	S	S	46,000	S	S

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

Table G-8. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and primary/secondary work activity : 1997

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Bachelor's — continued						
Other non-S&E occupations	\$35,000	\$37,000	\$29,800	\$35,000	\$38,000	\$34,000
White	35,000	38,000	30,000	36,000	39,000	35,000
Black	30,000	33,000	28,000	30,000	32,000	30,000
Hispanic	30,200	31,200	30,000	31,000	35,000	32,000
Asian	35,000	37,000	28,000	33,000	40,000	35,000
Other	29,000	24,000	29,800	30,000	27,000	30,000
Master's						
All occupations, total ²	\$53,000	\$58,300	\$41,000	\$60,000	\$56,000	\$45,000
White	54,000	60,000	41,000	60,000	57,000	45,000
Black	45,000	48,000	39,500	47,500	47,000	40,600
Hispanic	50,000	51,000	41,000	54,500	54,000	45,000
Asian	55,000	57,500	38,000	58,000	58,000	50,000
Other	45,000	43,000	39,000	47,000	42,000	46,000
S&E occupations, total	59,000	60,000	41,000	61,500	60,000	52,000
White	60,000	60,000	41,000	62,500	60,000	52,000
Black	48,000	50,000	37,000	50,000	53,000	40,000
Hispanic	55,000	55,000	41,000	58,000	59,800	50,000
Asian	59,000	58,000	40,000	60,000	60,000	56,300
Other	50,000	50,000	S	49,000	S	S
Scientists, total	54,000	55,000	40,000	57,000	60,000	46,700
White	54,000	56,000	40,000	58,000	60,000	47,000
Black	43,000	45,000	37,000	43,000	53,000	40,000
Hispanic	50,000	47,500	38,000	55,000	55,000	45,000
Asian	57,000	55,000	40,000	59,000	60,000	56,000
Other	42,000	S	S	S	S	S
Computer/math scientists, total	60,000	62,000	41,000	65,000	60,000	60,000
White	61,000	64,000	42,900	65,000	60,000	60,000
Black	52,000	54,600	S	53,000	55,000	S
Hispanic	59,500	59,500	S	60,000	58,000	S
Asian	60,000	60,000	53,000	65,000	60,000	62,000
Other	S	S	S	S	S	S
Life/related scientists, total	42,000	40,800	40,000	44,000	40,800	48,000
White	42,000	42,000	41,000	46,000	40,800	47,000
Black	39,000	39,000	S	S	S	S
Hispanic	33,000	32,500	S	S	S	S
Asian	39,000	37,000	S	41,000	S	S
Other	S	S	S	S	S	S
Physical/related scientists, total ...	51,000	51,000	41,000	55,000	45,000	50,000
White	52,000	54,000	41,000	56,000	47,000	50,000
Black	41,000	45,000	S	S	S	S
Hispanic	47,500	47,500	S	S	S	S
Asian	44,000	43,000	S	50,000	35,000	S
Other	S	S	S	S	S	S

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

Table G-8. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and primary/secondary work activity : 1997

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Master's — continued						
Social/related scientists, total	\$41,100	\$40,000	\$38,000	\$45,000	\$45,000	\$41,000
White	42,000	42,000	38,000	46,000	45,000	42,000
Black	35,000	35,000	38,500	35,000	S	36,000
Hispanic	45,000	S	S	50,000	S	45,000
Asian	38,000	S	S	S	S	S
Other	S	S	S	S	S	S
Engineers, total	63,600	64,000	50,000	66,000	62,000	61,000
White	65,000	65,000	50,000	68,000	62,000	62,600
Black	58,000	60,000	S	57,000	56,000	S
Hispanic	58,500	59,800	S	60,000	65,000	55,000
Asian	60,000	60,000	S	62,000	60,000	58,000
Other	55,000	S	S	S	S	S
Non-S&E occupations, total	50,000	52,000	41,000	57,000	50,000	43,500
White	50,500	55,000	41,000	60,000	50,000	44,000
Black	44,000	47,000	40,000	46,000	42,000	40,600
Hispanic	46,000	48,000	41,000	52,000	45,000	41,000
Asian	50,000	50,000	38,000	53,800	50,000	45,000
Other	42,000	S	39,000	46,000	S	45,000
Managers/administrators	68,000	75,000	50,000	68,000	60,000	62,500
White	70,000	77,100	50,000	70,000	62,000	64,000
Black	54,700	49,200	S	55,000	50,000	49,500
Hispanic	60,000	61,500	S	60,000	60,000	60,000
Asian	65,000	79,000	S	65,000	50,000	65,000
Other	53,500	S	S	S	S	S
Other non-S&E occupations	42,000	45,000	40,000	44,000	45,000	40,000
White	42,000	45,000	40,000	45,000	45,000	40,000
Black	40,000	43,000	40,000	38,300	40,800	39,000
Hispanic	39,000	44,000	40,000	41,000	42,000	38,000
Asian	42,000	45,000	38,000	44,000	48,000	40,000
Other	37,000	S	S	41,500	S	41,600
Doctorate						
All occupations, total ²	\$63,000	\$65,000	\$54,500	\$70,000	\$65,000	\$60,000
White	63,400	65,000	55,000	70,000	65,000	60,000
Black	54,000	53,000	50,000	62,000	52,000	50,000
Hispanic	55,000	59,700	52,000	60,000	56,000	52,000
Asian	65,000	65,000	55,000	73,300	65,000	61,000
Other	52,000	57,000	45,000	62,500	70,000	50,000
S&E occupations, total	62,000	64,000	55,000	67,000	65,000	60,000
White	62,000	65,000	55,000	66,800	66,000	60,000
Black	55,000	56,000	50,000	58,000	60,000	58,000
Hispanic	55,900	55,000	50,400	58,500	63,000	56,000
Asian	62,000	62,500	55,000	70,000	65,000	60,000
Other	50,000	55,000	48,000	50,000	70,000	52,000

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

Table G-8. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and primary/secondary work activity : 1997

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Doctorate — continued						
Scientists, total	\$60,000	\$60,000	\$54,000	\$63,000	\$64,000	\$58,000
White	60,000	61,000	54,500	63,000	64,400	58,000
Black	53,000	55,000	50,000	55,000	52,400	56,500
Hispanic	52,000	52,000	50,000	54,000	60,000	55,000
Asian	56,000	55,000	50,000	65,000	65,000	55,000
Other	49,000	52,000	48,000	51,400	67,000	50,000
Computer/math scientists, total	65,000	68,000	54,000	72,000	70,000	65,000
White	65,000	69,500	55,000	72,000	70,000	63,000
Black	63,000	70,000	53,000	S	63,000	S
Hispanic	55,000	53,000	52,500	50,000	66,000	S
Asian	65,000	65,000	50,000	76,000	69,600	72,000
Other	S	S	S	S	S	S
Life/related scientists, total	57,500	58,000	57,000	64,000	47,000	58,000
White	59,000	60,000	57,000	65,000	48,000	58,000
Black	54,000	53,000	52,000	72,000	48,000	54,400
Hispanic	55,000	55,000	62,000	55,000	S	66,000
Asian	48,000	45,000	57,600	60,000	42,000	58,000
Other	52,000	50,000	S	62,000	S	S
Physical/related scientists, total ...	65,000	66,500	54,300	73,000	60,000	65,000
White	66,000	69,100	55,000	75,000	65,000	66,000
Black	60,000	60,000	50,000	60,000	S	S
Hispanic	58,400	57,600	46,000	60,000	57,000	S
Asian	60,000	60,000	50,000	70,000	47,600	55,000
Other	50,000	62,500	S	S	S	S
Social/related scientists, total	54,000	53,300	51,000	57,000	51,800	55,000
White	55,000	54,500	52,000	57,700	52,000	56,000
Black	50,000	52,000	50,000	52,000	S	56,500
Hispanic	48,600	46,000	46,000	50,000	S	52,000
Asian	49,000	50,000	50,000	55,000	42,000	46,000
Other	48,000	49,000	48,000	S	S	50,000
Engineers, total	72,000	72,000	65,000	79,400	70,000	70,300
White	73,900	74,000	65,000	80,000	74,000	75,000
Black	67,000	67,000	57,800	73,500	S	S
Hispanic	66,100	66,200	60,000	72,000	69,000	S
Asian	70,000	70,000	68,000	77,000	68,000	64,000
Other	72,100	S	S	S	S	S
Non-S&E occupations, total	65,000	70,000	52,000	75,000	58,000	60,000
White	66,000	70,000	52,000	75,000	58,000	61,000
Black	53,100	52,000	49,000	65,500	52,000	42,700
Hispanic	52,000	72,000	52,000	60,000	S	52,000
Asian	72,000	76,000	60,000	78,400	65,000	63,000
Other	55,000	60,000	35,000	72,000	S	33,000

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

Table G-8. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and primary/secondary work activity : 1997

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Doctorate — continued						
Managers/administrators	\$83,500	\$90,000	\$64,700	\$83,500	\$80,000	\$75,000
White	85,000	92,000	60,000	85,000	80,000	79,400
Black	71,200	52,000	149,900	71,300	S	60,000
Hispanic	65,000	85,000	S	69,600	S	60,000
Asian	88,100	95,000	S	85,100	77,100	70,000
Other	72,100	S	S	72,100	S	S
Other non-S&E occupations	52,300	59,000	50,300	53,000	50,800	53,000
White	53,000	57,900	51,000	53,000	50,000	55,000
Black	42,000	49,000	40,000	50,000	S	40,000
Hispanic	52,000	72,000	52,000	43,000	S	48,000
Asian	63,100	67,000	60,000	65,000	60,000	60,000
Other	34,000	54,000	34,000	S	S	S

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. Sum of primary/secondary work activity categories exceeds total because of multiple responses.

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)