

Table G-5. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and employment sector: 1999

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/ industry	4-yr. College/ university	Other educational institution	Government
All degree levels¹					
All occupations, 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 occupations, total	60,000	65,000	48,000	45,000	57,000
White	61,000	65,000	50,000	45,000	57,500
Black	53,000	55,000	42,000	43,000	52,000
Hispanic	55,000	58,000	38,000	42,000	51,200
Asian/Pacific Islander	62,000	66,000	45,000	48,000	58,000
Other	52,000	55,000	47,900	S	46,000
Scientists, total	58,500	64,000	46,000	45,000	52,000
White	59,000	64,200	47,600	45,000	52,700
Black	50,000	52,000	41,000	43,000	50,000
Hispanic	51,000	58,000	37,000	42,000	48,000
Asian/Pacific Islander	60,000	65,600	42,000	50,000	52,000
Other	45,000	50,000	47,900	S	39,000
Computer/math scientists, total	64,000	66,000	49,500	43,000	56,000
White	65,000	67,000	48,000	43,000	59,000
Black	54,000	55,000	45,000	S	54,000
Hispanic	59,000	62,000	46,000	S	51,200
Asian/Pacific Islander	65,000	68,000	52,000	S	58,000
Other	54,000	55,000	S	S	S
Life/related scientists, total	47,500	52,000	41,500	42,000	47,500
White	49,000	52,000	45,000	40,000	49,000
Black	42,000	53,500	39,500	S	41,800
Hispanic	35,500	51,000	30,000	S	35,500
Asian/Pacific Islander	43,000	55,000	33,000	S	44,000
Other	39,000	36,000	40,000	S	39,000
Physical/related scientists, total ...	52,000	56,000	44,300	45,000	52,000
White	52,000	58,500	45,000	45,000	53,300
Black	43,000	43,000	39,000	S	50,000
Hispanic	43,000	40,000	37,000	S	49,000
Asian/Pacific Islander	53,000	60,000	42,000	S	52,800
Other	49,000	47,500	55,000	S	S
Social/related scientists, total	47,000	45,000	49,000	46,300	50,000
White	48,000	45,500	50,000	46,300	50,000
Black	40,000	30,000	41,000	49,000	50,000
Hispanic	40,000	35,000	42,500	42,000	45,000
Asian/Pacific Islander	48,000	47,500	50,000	S	36,000
Other	49,000	S	45,000	S	S

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

Table G-5. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and employment sector: 1999

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
All degree levels¹ — continued					
Engineers, total	\$65,000	\$65,000	\$59,000	\$44,000	\$60,000
White	65,000	65,000	60,000	43,000	61,400
Black	58,000	59,000	55,000	S	57,000
Hispanic	58,000	58,000	40,000	S	59,000
Asian/Pacific Islander	64,800	66,000	59,000	S	60,000
Other	60,000	57,000	S	S	S
Non-S&E occupations, total	50,000	55,000	43,000	38,000	47,000
White	50,000	56,000	45,000	38,000	49,000
Black	40,000	40,000	41,000	37,000	41,000
Hispanic	41,000	42,000	39,000	36,000	43,000
Asian/Pacific Islander	46,000	50,000	39,900	35,000	41,000
Other	40,000	40,000	30,000	36,000	46,900
Managers/administrators	68,000	73,000	56,500	57,000	58,700
White	70,000	75,000	59,300	58,000	60,000
Black	55,500	60,000	54,000	55,000	52,600
Hispanic	59,000	65,000	45,000	62,600	54,300
Asian/Pacific Islander	65,000	68,100	46,000	S	53,300
Other	52,000	60,000	S	S	49,000
Other non-S&E occupations	42,000	46,000	40,000	36,000	41,000
White	44,000	49,000	41,400	36,000	42,500
Black	36,000	36,000	35,000	35,000	38,000
Hispanic	37,000	36,900	37,000	34,500	41,000
Asian/Pacific Islander	40,700	45,000	38,000	34,000	40,000
Other	35,000	33,000	30,000	35,000	39,900
Bachelor's					
All occupations, 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 occupations, total	59,000	60,000	28,200	40,000	55,000
White	60,000	62,000	29,000	39,000	55,000
Black	50,000	51,500	40,000	S	52,000
Hispanic	53,500	55,000	19,500	S	49,900
Asian/Pacific Islander	58,000	60,000	25,000	S	56,500
Other	46,000	47,500	S	S	43,500
Scientists, total	55,000	60,000	27,000	39,000	49,000
White	56,000	60,000	27,000	38,000	50,000
Black	48,000	50,000	S	S	46,300
Hispanic	50,000	56,000	19,500	S	45,000
Asian/Pacific Islander	55,000	60,000	25,000	S	50,000
Other	36,000	S	S	S	S

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

Table G-5. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and employment sector: 1999

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
Bachelor's — continued					
Computer/math scientists, total	\$60,800	\$64,000	\$45,000	\$40,000	\$54,000
White	62,200	65,000	43,000	40,000	54,000
Black	50,000	51,500	S	S	45,000
Hispanic	57,000	60,000	S	S	S
Asian/Pacific Islander	60,000	62,000	S	S	58,000
Other	S	S	S	S	S
Life/related scientists, total	37,000	43,000	20,000	S	42,500
White	38,000	45,000	20,000	S	44,000
Black	S	S	S	S	S
Hispanic	28,500	S	17,000	S	S
Asian/Pacific Islander	35,000	42,000	22,000	S	S
Other	S	S	S	S	S
Physical/related scientists, total ...	45,000	47,000	16,000	S	48,800
White	45,000	47,900	16,000	S	48,000
Black	43,000	41,800	S	S	S
Hispanic	37,000	36,000	S	S	S
Asian/Pacific Islander	41,400	45,000	S	S	S
Other	S	S	S	S	S
Social/related scientists, total	30,000	30,000	22,600	S	42,000
White	30,000	30,000	S	S	45,000
Black	S	S	S	S	S
Hispanic	27,000	S	S	S	S
Asian/Pacific Islander	S	S	S	S	S
Other	S	S	S	S	S
Engineers, total	60,000	61,300	46,000	S	60,000
White	62,000	62,000	46,000	S	60,000
Black	56,000	56,000	S	S	57,400
Hispanic	55,900	55,000	S	S	60,000
Asian/Pacific Islander	59,500	60,000	30,000	S	58,000
Other	60,000	58,100	S	S	S
Non-S&E occupations, total	41,800	45,600	35,000	30,000	40,000
White	43,000	48,000	35,000	30,000	42,000
Black	35,000	36,000	33,000	28,000	36,400
Hispanic	36,000	37,000	31,000	32,000	40,000
Asian/Pacific Islander	40,000	42,000	35,000	32,000	38,600
Other	35,000	33,000	S	S	46,900
Managers/administrators	60,000	65,000	44,800	38,000	52,600
White	62,000	65,000	44,800	38,000	54,000
Black	50,000	50,000	S	S	50,000
Hispanic	54,300	57,000	S	S	48,000
Asian/Pacific Islander	50,000	50,000	S	S	41,000
Other	50,000	53,000	S	S	S

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

Table G-5. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and employment sector: 1999

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
Bachelor's — continued					
Other non-S&E occupations	\$36,000	\$40,000	\$33,000	\$30,000	\$37,800
White	37,500	40,000	33,000	30,000	38,000
Black	32,000	32,000	33,000	27,500	35,000
Hispanic	34,000	34,000	30,000	31,500	37,000
Asian/Pacific Islander	38,000	40,000	35,000	32,000	38,200
Other	30,000	29,000	S	S	36,800
Master's					
All occupations, 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 occupations, total	64,000	70,000	36,000	46,300	57,600
White	64,000	70,000	37,000	47,000	58,000
Black	54,000	62,000	30,900	42,000	50,000
Hispanic	58,000	65,000	32,500	50,000	58,000
Asian/Pacific Islander	65,200	69,000	40,000	S	60,000
Other	54,000	55,000	S	S	S
Scientists, total	60,000	67,000	35,000	46,300	52,000
White	58,000	68,000	35,500	46,300	53,000
Black	50,000	60,000	30,900	42,000	50,000
Hispanic	51,000	61,000	34,500	50,000	58,000
Asian/Pacific Islander	65,000	69,000	40,000	S	50,000
Other	52,500	S	S	S	S
Computer/math scientists, total	68,000	71,000	40,000	47,500	62,000
White	68,000	72,000	40,000	47,500	63,000
Black	60,000	64,000	S	S	59,000
Hispanic	66,000	73,500	S	S	S
Asian/Pacific Islander	70,000	70,000	50,000	S	51,000
Other	S	S	S	S	S
Life/related scientists, total	43,800	50,000	33,000	40,000	49,000
White	45,000	50,000	33,000	40,000	49,000
Black	42,000	S	S	S	S
Hispanic	40,000	S	S	S	S
Asian/Pacific Islander	41,000	47,000	33,000	S	S
Other	S	S	S	S	S
Physical/related scientists, total ...	52,000	60,600	33,000	50,000	52,000
White	55,000	65,000	34,000	50,000	54,000
Black	44,700	S	S	S	S
Hispanic	36,000	39,000	S	S	S
Asian/Pacific Islander	50,000	55,000	33,000	S	S
Other	S	S	S	S	S

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

Table G-5. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and employment sector: 1999

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
Master's — continued					
Social/related scientists, total	\$41,000	\$40,000	\$32,800	\$46,300	\$41,600
White	42,000	40,000	32,800	46,300	41,600
Black	35,000	32,500	S	S	S
Hispanic	42,000	38,000	S	S	S
Asian/Pacific Islander	48,000	S	S	S	S
Other	S	S	S	S	S
Engineers, total	70,000	72,000	52,000	S	63,300
White	71,000	73,000	53,000	S	64,500
Black	62,000	65,000	S	S	52,800
Hispanic	61,600	65,000	S	S	58,000
Asian/Pacific Islander	68,000	68,000	36,000	S	65,000
Other	60,000	S	S	S	S
Non-S&E occupations, total	53,000	65,000	43,000	45,000	52,000
White	55,000	66,000	45,000	45,000	52,000
Black	45,000	45,000	41,400	44,800	50,000
Hispanic	49,000	60,000	40,000	42,000	48,000
Asian/Pacific Islander	54,000	62,000	38,000	40,000	50,700
Other	45,500	S	S	41,000	50,000
Managers/administrators	75,000	85,000	58,000	60,000	64,000
White	75,000	85,000	60,000	60,000	65,000
Black	60,000	70,000	50,000	55,000	60,000
Hispanic	69,000	80,000	S	S	59,000
Asian/Pacific Islander	73,000	80,000	S	S	59,000
Other	S	S	S	S	S
Other non-S&E occupations	44,000	48,000	38,000	42,000	45,000
White	45,000	48,500	38,500	43,000	45,000
Black	40,000	37,000	34,900	42,000	43,000
Hispanic	41,000	40,000	36,000	41,000	45,000
Asian/Pacific Islander	46,000	50,000	35,000	39,400	43,800
Other	42,000	S	S	S	S
Doctorate					
All occupations, 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
S&E occupations, total	67,200	80,000	58,000	50,000	68,000
White	68,000	80,000	60,000	50,000	69,300
Black	60,000	72,100	55,000	51,000	60,000
Hispanic	57,500	74,900	49,400	40,000	65,000
Asian/Pacific Islander	70,000	76,000	52,000	52,000	65,000
Other	56,000	65,000	53,000	S	64,000

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

Table G-5. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and employment sector: 1999

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/ industry	4-yr. College/ university	Other educational institution	Government
Doctorate — continued					
Scientists, total	\$64,900	\$78,000	\$56,000	\$50,000	\$66,900
White	65,000	80,000	58,000	50,000	68,000
Black	60,000	73,500	54,000	51,000	60,000
Hispanic	55,000	73,000	48,000	43,000	66,000
Asian/Pacific Islander	63,000	74,900	48,600	52,000	64,000
Other	55,000	65,000	52,000	S	64,000
Computer/math scientists, total	71,000	83,000	60,000	50,000	68,400
White	71,100	86,500	60,000	50,000	68,000
Black	71,000	84,000	71,000	S	S
Hispanic	60,700	78,000	50,900	S	S
Asian/Pacific Islander	73,000	80,000	54,500	S	73,500
Other	S	S	S	S	S
Life/related scientists, total	61,500	75,000	55,000	50,000	65,000
White	64,000	75,000	59,500	50,000	68,000
Black	54,000	71,000	43,300	S	66,400
Hispanic	56,000	75,000	42,800	S	52,000
Asian/Pacific Islander	54,000	71,200	39,700	S	58,000
Other	56,000	S	53,000	S	S
Physical/related scientists, total ...	70,000	79,000	58,000	45,000	76,500
White	70,000	82,000	60,000	46,000	77,700
Black	59,000	73,500	42,900	S	S
Hispanic	62,000	70,000	52,500	S	85,000
Asian/Pacific Islander	67,000	70,000	51,000	S	65,000
Other	61,000	S	61,000	S	S
Social/related scientists, total	59,300	70,000	55,000	51,300	60,000
White	60,000	72,000	55,000	51,300	60,000
Black	60,000	74,000	55,000	S	60,000
Hispanic	50,400	60,000	48,000	S	59,700
Asian/Pacific Islander	57,000	60,000	54,000	S	60,000
Other	53,000	S	45,000	S	S
Engineers, total	78,000	81,000	71,800	46,000	74,300
White	80,000	83,000	72,400	S	80,000
Black	67,000	72,000	58,000	S	S
Hispanic	65,000	80,000	55,000	S	S
Asian/Pacific Islander	76,900	80,000	71,500	S	65,000
Other	78,800	S	S	S	S
Non-S&E occupations, total	69,000	80,000	60,000	55,000	73,000
White	70,000	80,000	61,000	55,000	75,000
Black	59,700	50,000	60,000	43,000	53,500
Hispanic	70,000	70,000	60,000	60,000	56,000
Asian/Pacific Islander	72,500	83,200	56,000	55,000	77,000
Other	73,000	75,000	73,000	S	S

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

Table G-5. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and employment sector: 1999

Highest degree, occupation, and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/industry	4-yr. College/university	Other educational institution	Government
Doctorate — continued					
Managers/administrators	\$88,500	\$95,000	\$83,000	\$71,000	\$80,000
White	90,000	93,000	90,000	72,000	80,100
Black	70,000	88,000	68,000	63,000	80,000
Hispanic	74,000	72,000	85,100	S	27,000
Asian/Pacific Islander	97,500	100,000	51,000	S	79,000
Other	67,600	S	S	S	S
Other non-S&E occupations	58,000	65,000	57,000	47,000	65,000
White	58,000	63,000	57,000	47,000	65,000
Black	47,000	40,000	59,700	40,000	44,700
Hispanic	65,000	70,000	49,000	60,000	S
Asian/Pacific Islander	60,000	70,000	56,000	S	65,000
Other	73,000	S	73,000	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)