

Table F-11. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1997

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
All degree levels¹									
All degree fields, total	\$50,000	\$33,100	\$45,000	\$53,000	\$58,000	\$58,000	\$58,000	\$62,000	\$60,000
White	50,000	33,000	45,000	54,000	60,000	60,000	60,000	65,000	60,000
Black	40,000	30,000	38,000	40,600	45,000	47,000	49,000	44,000	46,500
Hispanic	44,000	31,000	42,000	50,000	51,000	52,000	50,000	56,500	45,000
Asian	50,000	40,000	50,000	58,000	55,000	56,000	50,000	50,000	49,000
Other	40,000	27,000	43,000	45,000	50,000	46,000	50,000	S	S
S&E degree fields, total	48,000	31,000	43,000	51,500	55,000	54,000	57,000	60,000	56,000
White	49,000	30,000	43,000	52,000	56,400	55,000	58,100	63,100	58,000
Black	37,200	28,000	35,000	38,500	41,500	42,000	46,000	40,000	50,000
Hispanic	41,500	29,000	40,000	48,000	49,600	51,000	54,000	56,500	45,000
Asian	50,000	40,000	50,000	56,000	54,000	55,000	52,000	50,000	48,000
Other	37,000	25,000	38,000	44,000	50,000	46,000	50,000	S	S
Sciences, total	42,000	28,000	38,500	48,000	49,800	50,000	52,000	54,000	50,000
White	43,000	28,000	39,000	49,000	50,000	50,000	52,200	56,000	52,000
Black	36,000	26,000	33,000	36,000	40,000	40,000	44,000	40,000	46,500
Hispanic	37,000	26,000	36,000	43,000	45,000	49,000	50,000	52,000	40,000
Asian	44,000	35,000	44,000	53,000	50,000	50,000	45,300	47,000	37,000
Other	34,000	25,000	36,000	42,000	40,000	45,000	50,000	S	S
Computer/math sciences, total	53,100	40,000	49,500	56,000	64,000	65,000	60,000	69,000	46,500
White	55,000	40,000	50,000	57,000	65,000	65,000	60,000	71,000	46,500
Black	42,000	34,000	40,000	44,000	47,000	48,000	49,000	S	S
Hispanic	48,000	33,000	48,000	48,000	61,500	77,000	S	S	S
Asian	54,000	48,000	51,000	62,000	65,000	60,000	55,000	S	S
Other	50,000	S	S	S	S	S	S	S	S
Life/related sciences, total ...	40,000	26,000	35,000	42,900	45,000	47,200	46,000	50,000	45,000
White	40,000	25,700	35,000	43,000	45,000	48,000	46,200	51,000	45,700
Black	36,000	25,000	34,000	36,000	38,000	40,000	45,000	44,000	S
Hispanic	40,000	27,000	30,000	43,000	50,000	49,000	47,000	S	S
Asian	39,000	30,000	38,000	50,000	40,000	50,000	40,000	45,000	40,000
Other	35,000	25,000	25,000	S	S	S	S	S	S
Physical/related sciences, total	51,300	30,300	43,500	53,000	60,000	59,000	60,000	68,000	65,000
White	53,000	30,000	44,000	54,300	62,000	60,000	61,900	70,000	65,000
Black	40,000	32,000	40,000	40,000	48,000	48,000	S	S	S
Hispanic	41,500	30,000	35,000	47,500	50,000	45,000	S	S	S
Asian	47,000	38,000	43,000	50,000	50,000	60,000	54,000	49,200	50,000
Other	49,000	31,500	S	S	S	S	S	S	S
Social/related sciences, total	38,500	26,000	35,000	43,000	45,000	48,000	50,000	50,000	51,000
White	40,000	26,000	35,000	45,000	46,000	48,900	50,000	50,000	53,000
Black	33,000	25,000	30,000	35,000	39,500	39,300	42,000	40,000	S
Hispanic	34,000	25,000	35,000	42,000	41,000	48,500	48,000	S	S
Asian	36,000	29,000	36,000	42,000	38,000	38,000	43,000	45,900	S
Other	32,000	24,000	32,500	42,000	37,000	42,000	S	S	S

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

Table F-11. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1997

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
All degree levels¹ — continued									
Engineering, total	\$60,000	\$42,500	\$52,500	\$60,000	\$65,000	\$70,000	\$72,000	\$74,700	\$62,500
White	60,000	42,000	53,000	60,000	66,000	70,000	75,000	75,000	63,000
Black	50,000	40,000	50,000	55,000	65,000	55,600	S	S	S
Hispanic	52,000	40,000	50,000	60,000	55,000	65,000	60,000	65,000	S
Asian	55,000	46,500	54,000	59,600	62,500	65,000	61,300	60,000	61,400
Other	50,000	38,000	S	S	S	S	S	S	S
Non-S&E degree fields, total	58,100	40,000	53,300	60,000	64,400	68,000	60,000	67,000	70,000
White	60,000	40,000	54,000	60,000	65,000	70,000	63,000	70,000	75,000
Black	48,000	35,000	45,000	49,000	50,000	59,000	56,000	S	S
Hispanic	52,000	40,000	53,000	55,000	56,000	60,000	S	S	S
Asian	55,000	40,000	58,000	68,000	60,000	60,000	45,000	52,100	S
Other	48,000	S	55,000	45,000	S	S	S	S	S
Bachelor's									
All degree fields, total	\$45,000	\$28,800	\$40,000	\$50,000	\$52,000	\$50,000	\$53,000	\$57,000	\$55,000
White	45,500	28,500	40,000	50,000	54,000	51,500	55,000	60,000	56,000
Black	36,000	26,000	33,000	38,000	41,000	40,000	45,000	40,000	46,500
Hispanic	40,000	27,000	38,000	48,000	48,000	48,500	50,000	55,000	44,000
Asian	42,300	35,000	43,000	50,000	45,000	48,000	45,000	48,000	40,000
Other	35,000	25,000	37,000	40,000	50,000	46,000	48,000	S	S
S&E degree fields, total	44,000	28,500	40,000	50,000	52,000	50,000	53,500	58,000	55,000
White	45,000	28,000	40,000	50,000	54,100	51,100	55,000	60,000	55,000
Black	35,200	26,000	33,000	37,000	40,000	40,000	45,000	40,000	49,000
Hispanic	39,600	27,000	38,000	47,100	48,000	49,000	50,000	55,000	45,000
Asian	42,000	35,000	43,000	50,000	45,000	48,000	45,000	48,000	40,000
Other	33,000	25,000	36,000	45,000	40,200	46,000	48,000	S	S
Sciences, total	40,000	26,000	35,000	45,000	45,500	47,000	49,000	50,000	50,000
White	40,000	26,000	35,000	46,300	47,100	48,000	50,000	52,000	50,000
Black	34,000	25,000	31,200	35,000	38,000	39,000	43,000	40,000	45,000
Hispanic	35,000	25,000	35,000	42,000	42,000	47,000	50,000	51,000	S
Asian	38,000	30,000	39,000	48,000	40,000	42,000	40,000	45,000	32,500
Other	30,800	25,000	S	41,800	S	45,000	48,000	S	S
Computer/math sciences, total	50,000	36,000	46,000	54,000	61,000	65,000	54,000	68,000	46,000
White	52,000	36,600	48,000	55,000	62,400	65,000	54,000	70,000	46,000
Black	40,000	30,000	40,000	43,000	45,000	46,800	S	S	S
Hispanic	45,000	32,000	48,000	48,000	S	S	S	S	S
Asian	50,000	40,000	47,000	56,300	64,000	59,500	S	S	S
Other	50,000	S	S	S	S	S	S	S	S
Life/related sciences, total ...	36,000	25,000	32,000	40,000	40,000	45,000	40,000	49,000	40,000
White	36,000	25,000	32,000	40,000	41,000	45,000	40,800	50,000	40,000
Black	35,000	24,000	32,500	35,000	36,000	36,000	S	S	S
Hispanic	35,000	27,000	30,000	40,000	46,000	45,000	S	S	S
Asian	35,000	30,000	32,000	45,000	33,000	43,000	S	44,600	S
Other	29,000	S	S	S	S	S	S	S	S

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

Table F-11. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1997

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Bachelor's — continued									
Physical/related sciences, total	\$45,500	\$27,000	\$38,000	\$48,000	\$52,500	\$52,000	\$57,000	\$63,000	\$55,000
White	48,000	26,800	38,500	49,500	55,000	55,000	58,000	65,000	57,000
Black	40,000	30,000	40,000	S	S	S	S	S	S
Hispanic	39,500	30,000	S	S	S	S	S	S	S
Asian	38,600	30,000	40,000	S	35,000	45,000	40,000	43,000	S
Other	S	S	S	S	S	S	S	S	S
Social/related sciences, total	36,000	25,000	32,500	40,000	42,000	44,000	48,000	49,000	50,000
White	37,000	25,000	33,000	42,000	44,000	45,000	49,800	50,000	52,000
Black	31,000	24,000	30,000	33,000	38,000	37,500	40,000	40,000	S
Hispanic	32,000	25,000	33,300	42,000	37,300	46,000	S	S	S
Asian	35,000	28,000	35,000	40,000	36,000	37,000	40,000	46,700	S
Other	28,500	24,000	S	S	S	S	S	S	S
Engineering, total	56,000	40,000	50,000	58,000	64,500	65,000	69,400	71,000	62,000
White	59,000	40,000	50,000	59,000	65,000	67,000	71,200	74,700	62,500
Black	49,000	38,500	47,000	54,000	60,000	50,000	S	S	S
Hispanic	50,000	38,000	45,000	60,000	55,000	65,000	55,000	S	S
Asian	50,000	40,000	48,000	53,000	54,000	50,000	52,000	54,000	53,000
Other	50,000	36,000	S	S	S	S	S	S	S
Non-S&E degree fields, total	50,000	32,000	45,000	49,500	52,400	52,000	52,000	54,000	60,000
White	50,000	32,000	45,000	49,500	54,000	53,000	55,000	54,000	60,000
Black	45,000	S	38,000	46,000	47,900	50,000	S	S	S
Hispanic	48,000	S	S	49,500	52,000	S	S	S	S
Asian	48,000	S	S	52,000	50,000	50,000	38,500	S	S
Other	40,000	S	S	S	S	S	S	S	S
Master's									
All degree fields, total	\$53,000	\$42,000	\$52,000	\$56,000	\$60,000	\$60,000	\$58,000	\$62,000	\$60,000
White	54,000	41,000	52,500	56,000	60,000	61,500	59,200	63,000	60,000
Black	45,000	36,000	45,000	45,000	45,000	51,000	50,000	S	S
Hispanic	50,000	38,500	54,000	50,000	54,000	56,000	50,000	S	S
Asian	55,000	48,000	55,000	63,000	60,000	62,300	60,000	56,000	70,000
Other	45,000	32,000	51,000	S	S	S	S	S	S
S&E degree fields, total	54,000	42,000	53,000	58,000	60,000	60,700	62,000	65,000	65,000
White	55,000	40,000	52,700	58,000	60,000	62,500	62,000	65,000	67,300
Black	44,000	37,400	44,000	40,000	45,000	50,000	45,000	S	S
Hispanic	50,000	40,000	54,000	52,000	50,400	58,500	60,000	S	S
Asian	55,000	48,000	55,000	60,500	62,500	65,000	65,000	56,000	64,000
Other	45,000	35,000	S	S	S	S	S	S	S
Sciences, total	50,000	36,000	48,000	50,000	52,000	55,000	54,300	55,000	67,300
White	50,000	35,000	48,000	50,000	53,000	55,600	55,000	56,500	67,300
Black	42,000	35,000	40,000	40,000	44,000	48,000	45,000	S	S
Hispanic	45,000	32,000	46,000	45,000	49,000	58,500	S	S	S
Asian	50,000	48,000	50,000	58,000	60,000	52,000	49,000	50,000	S
Other	40,000	26,500	S	S	S	S	S	S	S

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

Table F-11. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1997

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Master's — continued									
Computer/math sciences, total	\$60,000	\$52,000	\$57,000	\$67,000	\$69,000	\$68,000	\$70,000	\$70,500	S
White	62,000	52,500	57,000	68,500	70,000	67,000	70,000	72,000	S
Black	48,000	48,000	50,000	S	S	S	S	S	S
Hispanic	65,000	41,500	S	S	S	S	S	S	S
Asian	59,000	52,000	57,000	66,000	67,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Life/related sciences, total ...	44,000	31,000	40,000	44,500	50,000	50,000	46,000	51,000	S
White	44,400	31,000	40,000	45,000	51,000	50,000	48,000	51,000	S
Black	42,000	27,000	40,000	S	S	S	S	S	S
Hispanic	45,000	27,000	S	S	S	S	S	S	S
Asian	40,000	31,000	39,300	39,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Physical/related sciences, total	55,000	35,000	50,000	60,000	68,000	58,000	60,000	63,500	\$90,700
White	56,000	34,000	50,000	60,000	70,000	60,000	60,000	66,000	90,700
Black	45,000	40,000	S	S	S	S	S	S	S
Hispanic	45,000	27,000	S	S	S	S	S	S	S
Asian	47,500	40,000	37,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related sciences, total	44,000	32,000	43,000	44,000	45,900	51,000	52,000	51,000	45,800
White	45,000	32,000	44,000	45,000	46,100	52,000	52,200	53,000	50,000
Black	40,000	33,000	40,000	39,000	42,000	48,000	50,000	S	S
Hispanic	41,000	32,000	40,000	40,000	48,000	51,000	S	S	S
Asian	39,500	38,000	37,000	S	S	S	S	S	S
Other	40,000	S	S	S	S	S	S	S	S
Engineering, total	65,000	50,000	60,000	70,000	70,000	80,000	80,000	80,000	63,800
White	66,000	50,000	60,000	70,000	72,100	83,000	83,300	82,900	60,000
Black	60,000	48,000	62,000	S	S	S	S	S	S
Hispanic	57,200	48,000	60,000	65,000	S	S	S	S	S
Asian	60,000	49,000	60,000	65,000	65,000	70,000	72,000	75,000	S
Other	50,000	S	S	S	S	S	S	S	S
Non-S&E degree fields, total	52,000	41,500	51,500	55,000	57,500	60,000	53,000	60,000	55,000
White	53,000	42,000	52,000	55,300	60,000	60,000	55,000	60,000	60,000
Black	45,000	35,000	45,000	47,000	45,000	54,000	50,000	S	S
Hispanic	48,800	38,000	54,000	49,000	55,000	52,000	S	S	S
Asian	53,800	44,000	54,000	65,000	58,000	57,700	45,000	S	S
Other	45,000	S	S	S	S	S	S	S	S
Doctorate									
All degree fields, total	\$63,000	\$42,500	\$56,000	\$62,000	\$70,000	\$74,100	\$76,000	\$80,000	\$79,000
White	63,400	41,000	56,000	62,000	70,000	74,000	76,000	80,000	79,000
Black	54,000	42,000	56,000	50,000	58,700	69,000	75,000	S	S
Hispanic	55,000	42,000	52,000	60,000	60,000	70,000	70,000	59,000	S
Asian	65,000	48,000	60,000	70,000	74,000	80,800	78,000	79,500	80,000
Other	52,000	38,000	40,000	48,000	70,000	60,000	S	S	S

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

Table F-11. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1997

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Doctorate — continued									
S&E degree fields, total	\$65,000	\$44,000	\$56,000	\$65,000	\$70,500	\$75,000	\$77,000	\$80,000	\$80,000
White	65,000	42,000	56,000	64,000	70,000	75,000	77,000	80,000	80,000
Black	57,000	42,000	54,000	55,600	66,000	69,000	75,000	S	S
Hispanic	58,000	42,000	52,000	56,000	70,000	70,000	69,000	72,400	S
Asian	65,000	50,000	60,000	70,000	75,000	80,000	80,000	79,500	85,000
Other	53,400	42,000	50,000	48,000	62,500	60,000	S	S	S
Sciences, total	61,000	40,000	52,500	61,000	70,000	72,300	75,000	78,000	80,000
White	62,000	40,000	53,000	61,000	70,000	72,100	75,000	78,600	79,800
Black	55,000	42,000	52,000	53,000	66,000	69,000	76,800	S	S
Hispanic	56,000	40,000	50,000	56,000	67,000	74,000	66,200	72,400	S
Asian	59,900	40,000	50,000	66,500	70,800	75,000	75,000	72,100	87,500
Other	52,000	41,000	50,000	48,000	62,500	60,000	S	S	S
Computer/math sciences, total	65,000	53,000	60,000	64,000	68,000	73,200	74,000	74,000	84,700
White	67,000	50,000	59,000	60,000	68,000	73,200	75,000	74,000	85,000
Black	63,000	52,000	S	S	63,000	85,000	S	S	S
Hispanic	67,800	50,000	S	55,000	S	S	S	S	S
Asian	62,000	55,000	60,000	67,900	65,600	74,900	S	S	S
Other	S	S	S	S	S	S	S	S	S
Life/related sciences, total ...	60,000	33,000	51,400	61,000	70,000	72,000	74,900	73,000	78,000
White	60,000	35,000	52,000	61,100	68,000	72,000	74,900	74,000	80,000
Black	54,000	39,000	52,000	55,000	71,000	65,000	82,300	S	S
Hispanic	57,000	38,800	50,000	50,000	95,000	97,000	48,000	S	S
Asian	52,000	30,000	50,000	68,800	73,000	74,000	75,000	71,000	S
Other	58,000	35,000	S	S	S	S	S	S	S
Physical/related sciences, total	70,000	45,000	58,000	70,000	77,200	80,000	80,000	82,000	80,000
White	70,000	44,000	60,000	70,000	78,000	80,000	80,000	82,000	79,800
Black	65,000	48,000	61,000	55,000	76,000	79,000	S	S	S
Hispanic	60,000	39,000	60,000	69,500	60,000	78,000	S	S	S
Asian	64,000	50,000	55,000	70,000	72,000	77,000	76,000	84,000	S
Other	78,000	S	S	S	S	S	S	S	S
Social/related sciences, total	57,000	40,000	50,000	57,000	64,300	68,400	70,000	74,000	77,300
White	58,000	40,000	51,000	57,000	65,000	68,500	69,000	75,000	77,300
Black	53,000	42,000	52,000	50,000	63,000	68,000	S	S	S
Hispanic	50,200	42,000	47,300	60,000	56,000	65,000	S	S	S
Asian	53,000	43,000	48,000	58,900	55,000	75,000	84,000	S	S
Other	49,000	40,000	S	S	S	S	S	S	S
Engineering, total	75,000	60,000	70,000	76,300	82,000	88,100	90,000	93,200	85,000
White	76,000	60,000	70,000	78,000	84,000	88,600	90,000	93,000	87,700
Black	67,700	55,000	66,800	68,600	S	80,100	S	S	S
Hispanic	65,000	54,000	65,000	60,000	S	68,000	S	S	S
Asian	72,000	60,000	70,000	76,500	80,100	90,000	90,000	S	S
Other	68,000	S	S	S	S	S	S	S	S

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

Table F-11. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1997

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Doctorate — continued									
Non-S&E degree fields, total	\$58,000	\$40,000	\$56,000	\$54,000	\$60,000	\$69,000	\$74,000	S	S
White	59,000	40,000	58,000	54,000	60,000	69,000	74,000	S	S
Black	52,000	S	S	S	S	S	S	S	S
Hispanic	52,000	S	S	S	S	S	S	S	S
Asian	60,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	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)