Table F-7. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and primary/secondary work activity: 1997

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		Primary/secondary work activity						
Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Research and development	Teaching	Management, sales, admin	Computer applications	Professiona services/ other		
		All degree lev	els ¹					
II degree fields, total	\$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		
	40,000	40,000	33,000	42,000	38,500	38,000		
Other	40,000	40,000	33,000	42,000	36,500	36,000		
S&E degree fields, total	48,000	54,000	37,000	49,900	50,000	40,000		
White	49,000	55,000	37,600	50,000	50,000	41,000		
Black	37,200	42,300	31,000	38,000	40,000	35,000		
Hispanic	41,500	46,000	34,000	43,000	46,500	37,000		
Asian	50,000	54,000	40,000	50,000	52,000	41,500		
Other	37,000	38,000	33,000	38,000	37,000	34,000		
Sciences, total	42,000	49,000	35,900	44,000	48,000	38,000		
•	,		,	1 '	•	· '		
White	43,000	50,000	36,000	45,000	49,000	38,500		
Black	36,000	40,000	30,000	36,000	39,000	33,000		
Hispanic	37,000	40,000	33,600	39,900	42,500	35,000		
Asian	44,000	50,000	38,000	42,000	50,000	38,700		
Other	34,000	33,600	33,000	35,000	31,500	32,500		
Computer/math sciences, total	53,100	58,000	36,000	56,000	55,000	48,000		
White	55,000	60,000	36,000	59,000	55,000	48,200		
Black	42,000	42,000	33,300	42,000	45,000	40,000		
Hispanic	48,000	51,000	32,000	45,000	50,000	37,700		
Asian	54,000	56,300	45,000	53,000	56,000	45,000		
Other	50,000	53,000	S	48,000	55,000	S		
Guior	00,000	00,000	J	40,000	00,000			
Life/related sciences, total	40,000	40,600	37,000	40,900	39,500	38,000		
White	40,000	41,300	37,500	41,000	39,800	38,000		
Black	36,000	38,000	32,500	38,000	36,000	36,000		
Hispanic	40,000	35,000	37,000	42,000	40,000	39,200		
Asian	39,000	40,000	36,000	40,000	37,500	40,000		
Other	35,000	26,500	26,500	41,600	S	37,000		
Physical/related sciences, total	51,300	55,000	41,500	55,000	50,000	45,000		
White	53,000	58,000	43,000	57,000	52,000	45,400		
Black	40.000	47,000	29.500	42,000	39,700	40,000		
	- /	· ·	- ,		,	· · · · · ·		
Hispanic	41,500	43,000	45,000	45,000	35,000	40,000		
Asian	47,000	50,000	40,000	49,900	43,000	43,000		
Other	49,000	35,000	S	50,000	S	S		
Social/related sciences, total	38,500	42,000	34,000	40,000	38,000	35,600		
White	40,000	42,500	35,000	40,000	39,000	36,000		
Black	33,000	36,400	30,000	35,000	33,000	31,000		
Hispanic	34,000	35,000	31,500	36,000	34,000	33,000		
Asian	36,000	40,000	30.000	36,000	40,000	35,000		
Other	32,000	33,600	34,000	30,000	28,000	32,000		

Table F-7. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and primary/secondary work activity: 1997

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Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
	AII	degree levels ¹ –	- continued			
Engineering, total	\$60,000	\$60,000	\$51,000	\$61,500	\$56,000	\$55,000
White	60,000	60,000	52,000	63,000	58,000	56,000
Black	50,000	52,000	45,000	52,000	48,000	50,000
Hispanic	52,000	50,000	45,000	55,000	50,000	47,000
Asian	55,000	58,000	55,000	58,000	53,500	50,000
Other	50,000	53,000	S	53,000	50,000	50,000
Non-S&E degree fields, total	58,100	56,000	45,000	61,000	52,000	61,000
White	60,000	58,000	45,000	63,000	52,800	64,400
Black	48,000	48,000	40,000	50,000	47,000	48,000
Hispanic	52,000	50,000	43,000	55,000	49,500	55,000
Asian	55,000	59,000	46,000	55,000	54,000	58,000
Other	48,000	53,500	33,000	50,000	S	48,000
		Bachelor'	s			
III degree fields, total	\$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 degree fields, total	44,000	50,000	30,000	45,000	48,000	38,400
White	45,000	50,000	30,000	47,000	50,000	40,000
Black	35,200	40,000	28,000	36,000	40,000	32,000
Hispanic	39,600	41,000	30,000	40,000	45,000	35,000
Asian	42,000	48,000	29,000	42,000	47,500	38,700
Other	33,000	35,000	26,000	36,000	32,000	32,000
Sciences, total	40,000	42,000	29,500	40,000	45,000	35,000
White	40,000	44,200	30,000	41,200	46,000	36,000
Black	34,000	37,000	28,000	35,000	36,000	31,000
Hispanic	35,000	35,000	30,000	36,000	40,000	34,000
Asian	38,000	41,000	28,000	38,000	46,000	35,000
Other	30,800	28,000	25,000	33,000	30,800	30,600
Computer/math sciences, total	50,000	55,000	30,400	52,000	52,100	42,000
White	52,000	56,800	30,400	55,000	54,000	46,000
Black	40,000	41,000	30,000	41,000	43,500	40,000
Hispanic	45,000	50,000	Ś	42,500	48,000	35,000
Asian	50,000	52,000	S	45,000	53,000	35,000
Other	50,000	S	S	45,000	S	S
Life/related sciences, total	36,000	35,000	30,400	39,500	36,600	36,000
White	36,000	35,000	30,000	40,000	38,000	36,000
Black	35,000	35,000	29,800	35,000	34,000	36,000
Hispanic	35,000	30,000	33,600	40,000	40,000	37,000
Asian	35,000	35,000	32,000	38,000	35,000	36,000
Other	29,000	S	S	41,600	S	S

Table F-7. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and primary/secondary work activity: 1997

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		Primary/secondary work activity						
Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Research and development	Teaching	Management, sales, admin	Computer applications	Professiona services/ other		
		Bachelor's — co	ntinued					
	•							
Physical/related sciences, total	\$45,500	\$48,000	\$32,000	\$50,000	\$49,000	\$42,000		
White	48,000	50,000	32,000	50,400	50,000	42,500		
Black	40,000	42,000	28,000	40,000	34,000	40,000		
Hispanic	39,500	38,000	S	45,000	32,000	40,000		
Asian	38,600	40,000	S	40,000	36,400	38,700		
Other	S	S	S	S	S	S		
Social/related sciences, total	36,000	38,000	28,000	38,000	36,000	33,000		
White	37,000	40,000	28,000	39,600	36,400	33,100		
Black	31,000	34,500	27,000	33,000	32,000	29,000		
Hispanic	32,000	30,000	29,000	35,000	33,000	30,000		
Asian	35,000	36,000	22,000	35,000	39,300	31,000		
Other	28,500	S	28,000	28,500	S	32,000		
Engineering, total	56,000	55,500	45,000	60,000	53,000	52,000		
White	59,000	58,000	45,000	60,000	55,000	55,000		
	,			1 '				
Black	49,000	50,000	S	50,000	47,000	48,000		
Hispanic	50,000	48,000	S	55,000	50,000	46,000		
Asian	50,000	51,000	S	50,000	49,000	46,000		
Other	50,000	55,000	S	50,000	S	S		
lon-S&E degree fields, total	50,000	52,000	37,700	52,000	50,000	45,000		
White	50,000	53,000	37,800	52,000	50,000	45,000		
Black	45,000	47,900	S	44,000	50,000	38,000		
Hispanic	48,000	50,000	S	46,000	48,000	40,000		
Asian	48,000	50,000	S	50,000	48,000	45,000		
Other	40,000	S	S	S	S	S		
		Master's						
Il degree fields, total	\$53,000	\$58,300	\$41,000	\$60,000	\$56,000	\$45,000		
Vhite	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		
lispanic	50,000	51,000	41,000	54,500	54,000	45,000		
sian	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		
&E degree fields, total	54,000	58,500	40.000	60,000	58,000	46,000		
White	55,000	60,000	41,000	60,000	59,000	46,300		
Black	44,000	48,000	39,000	46,000	47,600	40,000		
Hispanic	50,000	52,000	38,000	53,000	55,000	41,000		
'	55,000	56,000	40,000	59,000	57,000	50,300		
AsianOther	45,000	49,000	40,000 S	45,000	57,000 S	42,000		
Saignage total	E0 000	F2 000	40.000	F2 200	EE 000			
Sciences, total	50,000	52,000	40,000	52,200	55,000	42,000		
White	50,000	53,000	40,000	54,000	55,000	42,000		
Black	42,000	45,000	39,000	45,000	45,000	40,000		
Hispanic	45,000	47,500	38,000	49,000	50,000	37,000		
Asian	50,000	51,000	38,000	53,000	55,000	45,000		
Other	40,000	S	S	35,000	S	l S		

Table F-7. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and primary/secondary work activity: 1997

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		Primary/secondary work activity						
Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Research and development	Teaching	Management, sales, admin	Computer applications	Professiona services/ other		
		Master's — con	tinued					
O	# 00.000	#00.000	#00.000	#00.000	# 00.000	#00.000		
Computer/math sciences, total	\$60,000	\$63,000	\$39,000	\$68,000	\$60,000	\$68,000		
White	62,000	65,000	39,000	70,000	60,000	68,500		
Black	48,000	48,000	39,000	50,000	50,000	S		
Hispanic	65,000	60,000	S	75,000	64,100	S		
Asian	59,000	58,000	40,000	65,000	59,000	60,000		
Other	S	S	S	S	S	S		
Life/related sciences, total	44,000	42,000	40,000	48,600	43,700	41,000		
White	44,400	43,000	40,500	49,900	44,000	41,200		
Black	42,000	42,000	39,000	45,000	S	41,000		
Hispanic	45,000	35,000	S S	52,000	S	S S		
Asian	40,000	38,000	S	45,000	38,000	40,000		
Other	40,000 S	S S	S	\$ S	38,000 S	\$		
5.	55.000	55.000	00.000	00.000	54.500	50.000		
Physical/related sciences, total	55,000	55,000	38,000	60,000	51,500	53,000		
White	56,000	60,000	39,000	65,000	54,000	53,000		
Black	45,000	50,000	S	S	S	S		
Hispanic	45,000	47,500	S	47,500	S	S		
Asian	47,500	45,000	S	55,000	40,000	55,000		
Other	S	S	S	S	S	S		
Social/related sciences, total	44,000	44,000	41,000	47,500	45,000	40,000		
White	45,000	45,000	41,000	48,000	46,100	40,000		
Black	40,000	43,000	40,000	42,000	33,500	40,000		
Hispanic	41,000	41,000	37,000	46,000	46,000	36,000		
Asian	39,500	37,000	S	42,000	39,000	36,000		
Other	40,000	S	S	S	S	S		
Engineering, total	65,000	64,000	47,000	70,000	60,200	60,000		
White	66,000	65,000	50,000	73,000	62,000	62,600		
	60,000	61,000	S S	61,000	61,200	57,000		
Black Hispanic	57,200	58,000	S	59,300	56,000	52,700		
•			50,000		,	,		
Asian Other	60,000 50,000	60,000 S	50,000 S	65,000 S	60,000 S	55,000 S		
lan COE damaa Galda (atal	FO 000	50,000	44.000	00.000	E4 500	45.000		
lon-S&E degree fields, total	52,000	58,000	41,000	60,000	54,500	45,000		
White	53,000	60,000	41,500	60,000	55,000	45,000		
Black	45,000	47,500	40,000	48,000	45,000	41,000		
Hispanic	48,800	50,000	41,300	55,000	52,000	45,000		
Asian	53,800	60,000	36,000	55,000	60,000	50,000		
Other	45,000	S	S	48,000	S	S		
		Doctorate	9					
I degree fields, total	\$63,000	\$65,000	\$54,500	\$70,000	\$65,000	\$60,000		
Vhite	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		
ZUIVI	02,000	07,000	70,000	02,000	70,000	50,000		

Table F-7. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and primary/secondary work activity: 1997

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		Primary/secondary work activity						
Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Research and development	Teaching	Management, sales, admin	Computer applications	Professiona services/ other		
		Doctorate — cor	ntinued					
005 1	# 05.000	**	#55.000	#70.000	# 05.000	000.000		
S&E degree fields, total	\$65,000	\$65,000	\$55,000	\$73,000	\$65,000	\$60,000		
White	65,000	65,600	55,000	74,000	65,000	60,000		
Black	57,000	55,000	50,000	65,000	63,000	58,000		
Hispanic	58,000	60,000	52,000	65,000	66,000	55,000		
Asian	65,000	65,000	55,000	75,000	65,000	62,000		
Other	53,400	55,000	48,000	62,500	70,000	52,000		
Sciences, total	61,000	62,000	54,000	70,000	60,000	60,000		
White	62,000	63,000	54,500	70,000	62,000	60,000		
Black	55,000	53,000	50,000	63,000	50,000	57,000		
Hispanic	56,000	58,000	50,000	62,000	60,000	56,000		
Asian	59,900	58,000	51,000	70,000	58,000	61,000		
Other	52,000	53,400	48,000	62,500	67,000	52,000		
Computer/math sciences, total	65,000	67,900	55,000	84,600	72,100	65.000		
White	67,000	68,400	55,000	84,600	75,000	65,000		
	63,000	70,000	55,400	63,000	73,000 S	S S		
Black						S		
Hispanic	67,800	64,000	57,000	85,200	67,800	_		
Asian Other	62,000 S	63,000 S	50,000 S	85,000 S	70,000 S	64,000 S		
	00.000	00.000	55.000	00.000	50.000	00.000		
Life/related sciences, total	60,000	60,000	55,000	68,000	50,000	62,000		
White	60,000	60,000	55,000	69,000	52,000	62,000		
Black	54,000	54,000	52,000	62,000	48,000	43,000		
Hispanic	57,000	62,000	60,000	57,000	41,000	68,000		
Asian	52,000	51,000	56,000	60,000	40,000	67,000		
Other	58,000	53,400	54,000	60,000	S	S		
Physical/related sciences, total	70,000	70,000	55,000	80,000	64,000	67,000		
White	70,000	71,600	55,000	80,100	66,500	68,500		
Black	65,000	64,800	60,000	80,000	S	70,000		
Hispanic	60,000	60,000	48,000	70,000	63,000	30,000		
Asian	64,000	64,800	52,000	75,000	56,000	62,000		
Other	78,000	85,000	S	S	S	S		
Social/related sciences, total	57,000	55,600	52,000	63,000	60,000	56,700		
White	58.000	57,500	53.000	63,000	60,000	57,000		
Black	53,000	49,000	46,000	60,000	S	56,500		
Hispanic	50,200	49,600	48,000	60,000	S	55,000		
Asian	53,000	52,000	50,000	65,000	57,200	53,000		
Other	49,000	49,000	44,000	62,500	S S	50,000		
Engineering, total	75,000	73,000	65,000	85,000	70,000	72,500		
White	76,000	75,000	65,300	87,400	74,000	75,000		
Black	67,700	65,000	58,000	77,100	63,000	75,000 S		
Hispanic	65,000	70,000	59,700	75,000	70,000	_		
•	72,000	70,000	66,500		70,000 70,000	18,000 69,000		
Asian				81,000	•			
Other	68,000	70,000	S	S	S	S		

Table F-7. Median annual salaries of U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and primary/secondary work activity: 1997

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Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Primary/secondary work activity					
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other	
		Doctorate — co	ntinued				
Non-S&E degree fields, total	\$58,000 59,000 52,000 52,000 60,000 S	\$58,000 58,000 S S 67,000 S	\$50,300 50,300 S S 60,000 S	\$61,000 62,000 62,000 S S S	\$56,700 56,700 S S S	\$52,000 54,500 S S S S	

1 Includes professional degrees

NOTES: The term "Scientists and Engi

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)