

Table F-8. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, employment sector, and primary/secondary work activity : 1997

Level and field of highest degree, and employment sector	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹						
All degree fields, total	\$50,000	\$54,000	\$40,000	\$52,000	\$50,000	\$47,000
Educational institution	40,000	41,000	39,000	41,000	38,000	40,000
Government	48,000	50,000	41,000	50,000	47,000	42,500
Business/industry	54,000	59,000	42,000	55,000	53,000	50,000
S&E degree fields, total	48,000	54,000	37,000	49,900	50,000	40,000
Educational institution	36,000	39,000	36,000	37,300	35,000	36,500
Government	45,000	50,000	37,000	48,000	46,000	40,000
Business/industry	50,000	58,000	38,000	50,000	53,000	42,000
Sciences, total	42,000	49,000	35,900	44,000	48,000	38,000
Educational institution	35,300	38,000	36,000	36,000	35,000	36,000
Government	42,000	45,000	35,000	43,300	43,000	38,000
Business/industry	45,000	54,000	35,000	45,000	50,000	38,000
Computer/math sciences, total	53,100	58,000	36,000	56,000	55,000	48,000
Educational institution	36,000	43,000	34,500	38,000	40,000	35,000
Government	49,000	50,400	39,000	52,000	49,000	45,000
Business/industry	57,000	60,000	50,000	60,000	56,000	50,000
Life/related sciences, total	40,000	40,600	37,000	40,900	39,500	38,000
Educational institution	35,000	34,500	37,000	36,000	34,000	36,000
Government	41,300	43,800	35,000	44,000	42,000	40,000
Business/industry	40,000	45,000	38,000	42,000	40,000	38,000
Physical/related sciences, total	51,300	55,000	41,500	55,000	50,000	45,000
Educational institution	39,000	36,000	41,000	48,400	38,000	40,000
Government	49,500	56,000	40,000	50,000	46,700	44,300
Business/industry	56,000	61,000	50,000	58,500	55,000	47,000
Social/related sciences, total	38,500	42,000	34,000	40,000	38,000	35,600
Educational institution	35,000	39,500	35,000	35,000	30,000	36,000
Government	40,000	41,000	34,000	42,000	40,000	36,000
Business/industry	40,000	44,300	29,000	40,000	40,000	35,000
Engineering, total	60,000	60,000	51,000	61,500	56,000	55,000
Educational institution	49,000	50,000	50,000	56,700	41,600	48,000
Government	55,000	55,000	60,000	58,000	52,000	53,000
Business/industry	60,000	60,000	52,000	63,000	58,000	55,200
Non-S&E degree fields, total	58,100	56,000	45,000	61,000	52,000	61,000
Educational institution	45,000	50,000	43,000	48,000	41,000	45,000
Government	52,000	51,000	50,000	54,000	50,000	52,000
Business/industry	65,000	60,000	50,000	67,000	55,000	72,000

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

Table F-8. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, employment sector, and primary/secondary work activity : 1997

Level and field of highest degree, and employment sector	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Bachelor's						
All degree fields, total	\$45,000	\$50,000	\$30,000	\$46,000	\$48,000	\$39,500
Educational institution	30,000	26,000	29,000	30,200	31,600	32,000
Government	42,500	46,000	35,000	45,000	45,000	38,000
Business/industry	48,000	53,000	37,500	49,000	50,000	40,000
S&E degree fields, total	44,000	50,000	30,000	45,000	48,000	38,400
Educational institution	29,000	25,000	28,500	30,000	30,600	32,000
Government	42,000	46,000	35,000	45,000	43,500	38,000
Business/industry	48,000	53,000	35,500	48,000	50,000	40,000
Sciences, total	40,000	42,000	29,500	40,000	45,000	35,000
Educational institution	29,000	25,000	28,500	30,000	30,000	31,000
Government	39,500	41,000	31,100	40,000	41,000	36,000
Business/industry	42,000	49,000	33,000	42,000	48,000	36,000
Computer/math sciences, total	50,000	55,000	30,400	52,000	52,100	42,000
Educational institution	31,000	32,000	29,000	34,000	38,000	33,000
Government	45,000	46,700	S	46,000	46,700	42,500
Business/industry	54,000	58,000	50,000	55,000	54,000	46,600
Life/related sciences, total	36,000	35,000	30,400	39,500	36,600	36,000
Educational institution	30,000	24,500	30,000	31,500	30,000	35,000
Government	40,000	40,000	34,600	41,000	39,800	38,000
Business/industry	38,000	40,000	38,000	40,000	39,500	35,400
Physical/related sciences, total	45,500	48,000	32,000	50,000	49,000	42,000
Educational institution	29,000	16,000	30,000	41,000	31,600	35,000
Government	42,500	45,000	S	42,500	40,900	40,400
Business/industry	50,000	53,000	50,000	50,000	52,500	44,000
Social/related sciences, total	36,000	38,000	28,000	38,000	36,000	33,000
Educational institution	28,000	25,900	28,000	28,000	25,000	28,000
Government	37,000	39,000	29,500	40,000	39,000	34,000
Business/industry	38,000	41,600	27,000	40,000	38,000	33,000
Engineering, total	56,000	55,500	45,000	60,000	53,000	52,000
Educational institution	40,000	35,000	28,000	48,000	40,000	40,000
Government	54,000	54,000	60,000	55,000	51,000	50,100
Business/industry	58,000	57,000	50,000	60,000	55,000	54,000
Non-S&E degree fields, total	50,000	52,000	37,700	52,000	50,000	45,000
Educational institution	36,000	35,000	31,000	37,000	40,000	40,000
Government	48,000	48,100	S	50,000	48,000	40,000
Business/industry	52,000	54,000	44,200	53,000	51,000	46,000

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

Table F-8. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, employment sector, and primary/secondary work activity : 1997

Level and field of highest degree, and employment sector	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Master's						
All degree fields, total	\$53,000	\$58,300	\$41,000	\$60,000	\$56,000	\$45,000
Educational institution	42,000	39,000	40,900	45,000	41,000	42,000
Government	50,000	52,000	44,000	54,000	50,000	45,000
Business/industry	61,000	65,000	40,000	65,000	60,600	50,000
S&E degree fields, total	54,000	58,500	40,000	60,000	58,000	46,000
Educational institution	40,000	35,000	40,000	43,000	41,000	42,000
Government	52,000	54,000	42,000	56,000	50,000	45,300
Business/industry	60,000	64,000	40,500	65,000	60,000	50,000
Sciences, total	50,000	52,000	40,000	52,200	55,000	42,000
Educational institution	40,000	35,000	40,000	42,500	40,800	41,900
Government	48,000	50,000	41,000	51,000	48,300	42,000
Business/industry	57,000	60,000	39,000	60,000	60,000	42,700
Computer/math sciences, total	60,000	63,000	39,000	68,000	60,000	68,000
Educational institution	40,000	40,000	38,000	42,000	43,000	S
Government	60,000	60,000	S	62,000	54,000	S
Business/industry	66,600	65,000	56,000	71,000	63,300	70,500
Life/related sciences, total	44,000	42,000	40,000	48,600	43,700	41,000
Educational institution	37,500	33,000	40,000	40,000	43,000	36,000
Government	45,000	43,800	S	50,000	44,000	42,500
Business/industry	50,000	54,000	S	54,000	41,000	45,000
Physical/related sciences, total	55,000	55,000	38,000	60,000	51,500	53,000
Educational institution	36,000	25,000	38,000	43,000	39,900	51,000
Government	55,000	56,000	S	60,000	54,600	50,000
Business/industry	60,000	63,400	S	65,000	55,000	55,000
Social/related sciences, total	44,000	44,000	41,000	47,500	45,000	40,000
Educational institution	42,000	39,000	41,000	43,000	40,000	42,000
Government	46,000	48,000	41,000	49,300	45,500	40,000
Business/industry	45,000	50,000	38,000	50,000	47,400	37,000
Engineering, total	65,000	64,000	47,000	70,000	60,200	60,000
Educational institution	45,000	32,000	41,600	70,000	41,600	52,000
Government	60,000	59,000	S	64,000	55,000	58,800
Business/industry	66,000	65,000	55,000	72,000	63,000	62,000
Non-S&E degree fields, total	52,000	58,000	41,000	60,000	54,500	45,000
Educational institution	43,000	45,000	41,000	46,000	41,000	42,000
Government	50,000	50,000	44,000	52,000	50,000	45,000
Business/industry	62,000	66,000	39,000	65,000	61,000	50,000

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

Table F-8. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, employment sector, and primary/secondary work activity : 1997

Level and field of highest degree, and employment sector	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Doctorate						
All degree fields, total	\$63,000	\$65,000	\$54,500	\$70,000	\$65,000	\$60,000
Educational institution	55,000	55,000	55,000	61,500	50,000	52,000
Government	65,000	66,100	62,000	68,500	61,300	60,000
Business/industry	74,700	75,000	50,000	77,900	71,000	66,000
S&E degree fields, total	65,000	65,000	55,000	73,000	65,000	60,000
Educational institution	55,000	55,000	55,000	60,500	48,000	53,000
Government	65,000	68,000	61,000	69,000	63,100	60,000
Business/industry	75,000	75,700	65,000	80,000	72,100	70,000
Sciences, total	61,000	62,000	54,000	70,000	60,000	60,000
Educational institution	53,000	53,300	53,500	60,000	46,000	52,000
Government	65,000	67,000	61,000	67,000	61,000	60,000
Business/industry	75,000	75,000	65,000	80,000	72,000	70,000
Computer/math sciences, total	65,000	67,900	55,000	84,600	72,100	65,000
Educational institution	56,800	57,000	55,000	72,500	56,000	58,500
Government	75,000	75,000	S	90,000	71,000	S
Business/industry	80,100	80,100	S	90,000	80,000	75,600
Life/related sciences, total	60,000	60,000	55,000	68,000	50,000	62,000
Educational institution	52,200	53,000	55,000	59,000	40,000	53,000
Government	62,000	62,000	60,000	66,000	53,000	63,000
Business/industry	73,000	72,100	62,000	76,000	58,000	74,900
Physical/related sciences, total	70,000	70,000	55,000	80,000	64,000	67,000
Educational institution	54,000	54,300	55,000	61,600	45,000	60,000
Government	73,200	73,200	S	80,300	68,500	68,500
Business/industry	76,000	77,000	65,000	85,000	70,300	70,000
Social/related sciences, total	57,000	55,600	52,000	63,000	60,000	56,700
Educational institution	52,000	52,000	52,000	58,000	48,000	50,000
Government	60,000	61,900	62,000	60,000	60,000	56,400
Business/industry	70,000	74,900	65,000	70,000	70,900	65,000
Engineering, total	75,000	73,000	65,000	85,000	70,000	72,500
Educational institution	67,000	67,000	65,000	79,000	58,000	66,500
Government	72,000	71,600	S	83,000	69,000	75,000
Business/industry	78,000	76,000	72,100	86,000	74,500	75,000
Non-S&E degree fields, total	58,000	58,000	50,300	61,000	56,700	52,000
Educational institution	58,000	58,000	52,000	62,000	S	48,000
Government	58,000	S	S	59,500	S	S
Business/industry	60,000	60,000	S	61,000	S	60,000

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.
 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)