

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: 1999

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	\$54,000	\$60,000	\$40,000	\$57,000	\$56,000	\$50,000
Educational institution	41,000	43,000	40,000	43,000	40,000	42,000
Government	50,000	55,000	40,000	53,100	50,000	46,000
Business/industry	60,000	63,900	42,000	60,000	60,000	55,000
S&E degree fields, total	50,800	59,000	38,000	53,000	55,500	42,000
Educational institution	38,800	41,000	38,200	40,000	38,000	39,000
Government	49,000	54,300	40,000	51,000	49,000	41,300
Business/industry	56,000	63,000	36,000	56,000	60,000	43,000
Sciences, total	45,000	52,000	37,000	48,000	52,000	40,000
Educational institution	38,000	40,000	38,000	39,000	38,000	39,000
Government	45,000	50,000	38,100	46,000	45,000	40,000
Business/industry	50,000	60,000	35,000	50,000	58,000	40,000
Computer/math sciences, total	61,000	65,000	40,000	65,000	63,400	49,000
Educational institution	41,000	47,300	38,000	41,000	46,000	38,000
Government	53,000	56,700	S	56,000	55,000	50,000
Business/industry	66,000	69,000	62,000	70,000	65,000	52,000
Life/related sciences, total	41,000	43,200	38,400	45,000	40,000	39,000
Educational institution	37,000	36,000	39,000	39,000	35,900	38,000
Government	45,000	47,000	36,000	47,900	42,000	42,000
Business/industry	42,000	48,000	36,000	45,000	42,000	38,300
Physical/related sciences, total	56,000	60,000	43,000	60,000	56,500	48,400
Educational institution	40,000	42,000	42,000	50,000	38,000	36,000
Government	52,000	59,000	48,000	51,000	51,000	46,000
Business/industry	61,000	65,000	55,000	64,000	62,000	50,800
Social/related sciences, total	40,000	45,000	35,000	42,000	40,000	38,000
Educational institution	37,000	40,200	36,000	38,000	32,000	40,000
Government	41,000	46,000	38,100	44,000	42,000	38,500
Business/industry	42,000	47,800	30,000	43,500	42,000	35,100
Engineering, total	65,000	65,000	56,500	69,100	62,000	60,000
Educational institution	51,600	55,000	55,000	60,000	42,500	41,000
Government	60,000	61,000	60,000	62,000	56,000	58,000
Business/industry	67,000	67,000	60,000	70,000	65,000	60,000
Non-S&E degree fields, total	62,000	60,000	45,600	68,000	59,000	69,000
Educational institution	48,000	48,000	44,500	50,000	42,900	49,000
Government	56,000	55,000	46,000	58,700	53,100	56,000
Business/industry	72,000	65,400	55,000	75,000	63,000	80,000

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: 1999

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	\$49,000	\$54,800	\$32,000	\$50,000	\$53,800	\$40,000
Educational institution	31,500	29,000	30,000	33,000	35,000	33,000
Government	45,800	51,000	38,100	48,000	47,000	40,000
Business/industry	52,000	59,000	36,000	52,800	57,000	42,000
S&E degree fields, total	48,000	54,000	31,200	50,000	52,500	40,000
Educational institution	31,000	28,000	30,000	32,000	35,000	33,000
Government	45,000	51,000	37,000	48,000	46,500	40,000
Business/industry	52,000	58,200	35,000	52,000	56,000	40,000
Sciences, total	42,000	46,000	31,000	44,000	50,000	36,000
Educational institution	30,900	27,800	30,000	32,000	34,000	32,500
Government	41,000	45,000	35,300	42,700	44,000	38,000
Business/industry	46,000	52,000	32,000	47,000	54,500	36,000
Computer/math sciences, total	60,000	63,000	32,000	62,000	61,200	45,000
Educational institution	34,700	34,700	30,000	33,000	43,000	32,000
Government	50,000	51,000	S	50,000	52,000	49,700
Business/industry	63,000	65,000	46,800	66,000	64,000	47,500
Life/related sciences, total	38,000	36,400	33,000	40,000	40,000	36,500
Educational institution	30,000	26,000	32,000	33,000	34,000	35,000
Government	42,000	43,000	36,000	42,500	40,000	40,000
Business/industry	40,000	40,000	34,000	42,000	40,000	36,000
Physical/related sciences, total	50,000	50,000	33,000	55,000	51,000	45,000
Educational institution	29,000	23,000	30,000	34,000	33,000	34,000
Government	47,000	52,000	48,000	46,000	48,000	42,000
Business/industry	55,100	55,000	60,000	60,000	60,000	48,400
Social/related sciences, total	39,000	41,000	30,000	40,000	39,000	35,000
Educational institution	30,000	30,000	30,000	31,500	30,000	31,000
Government	40,000	44,000	32,900	41,000	42,000	37,000
Business/industry	40,000	45,000	30,000	42,000	40,000	34,000
Engineering, total	62,000	61,000	52,000	65,000	60,000	59,000
Educational institution	38,000	37,000	30,000	45,000	39,000	38,000
Government	60,000	60,000	60,000	60,200	55,000	55,800
Business/industry	64,000	62,000	60,000	67,600	60,000	60,000
Non-S&E degree fields, total	55,000	58,000	43,000	57,300	57,000	50,000
Educational institution	40,000	40,000	32,000	40,000	42,000	40,000
Government	50,000	52,000	S	50,000	50,000	43,500
Business/industry	58,800	60,000	47,000	60,000	60,000	53,000

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: 1999

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	\$58,000	\$63,000	\$42,000	\$63,000	\$62,000	\$49,000
Educational institution	44,000	40,000	42,000	48,000	43,000	43,000
Government	54,000	55,000	42,000	58,000	55,000	48,000
Business/industry	68,000	70,000	42,000	72,000	69,000	51,000
S&E degree fields, total	60,000	65,000	42,500	63,000	65,000	48,000
Educational institution	43,000	38,000	42,000	47,500	43,000	43,000
Government	55,000	56,700	49,900	60,000	55,000	48,000
Business/industry	68,000	70,000	40,300	70,000	70,000	52,000
Sciences, total	52,000	56,000	42,000	57,000	60,800	44,000
Educational institution	43,000	38,000	42,000	46,800	43,000	43,000
Government	50,000	50,300	49,900	56,000	52,000	46,000
Business/industry	60,900	65,000	40,000	65,000	68,500	44,300
Computer/math sciences, total	68,800	70,000	45,000	75,000	68,000	60,000
Educational institution	45,000	45,000	42,000	47,000	49,000	42,000
Government	63,000	61,000	S	69,500	60,000	S
Business/industry	75,000	75,000	80,000	80,000	70,000	67,800
Life/related sciences, total	46,400	45,000	42,000	50,000	46,000	43,000
Educational institution	39,000	33,000	44,000	44,000	42,000	38,500
Government	49,500	48,000	S	52,000	50,300	48,000
Business/industry	50,000	52,000	39,500	50,000	48,000	45,000
Physical/related sciences, total	58,000	60,000	40,000	63,000	60,000	56,000
Educational institution	40,000	26,000	41,000	50,000	40,000	S
Government	60,000	59,000	S	60,000	63,000	52,000
Business/industry	65,000	65,000	S	70,000	67,000	60,000
Social/related sciences, total	45,000	46,000	42,000	50,000	45,000	42,000
Educational institution	44,000	40,000	42,000	48,000	40,000	44,000
Government	48,000	46,600	50,000	54,000	43,100	42,600
Business/industry	47,900	53,000	32,000	54,000	54,000	40,000
Engineering, total	70,000	70,000	50,000	75,000	70,000	68,000
Educational institution	47,100	40,000	47,100	67,000	45,000	S
Government	65,000	62,500	S	67,000	60,500	62,000
Business/industry	73,000	72,000	56,500	77,000	70,000	69,300
Non-S&E degree fields, total	56,000	60,000	42,000	63,000	60,000	49,500
Educational institution	45,000	41,800	42,000	48,500	43,000	43,000
Government	52,600	50,500	40,000	55,000	55,000	48,000
Business/industry	68,000	70,000	42,000	73,000	65,000	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: 1999

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	\$68,000	\$70,000	\$58,000	\$75,000	\$70,000	\$63,000
Educational institution	58,400	59,400	58,000	65,400	48,000	56,000
Government	69,500	72,100	60,000	74,000	68,000	61,000
Business/industry	80,000	80,100	52,300	83,800	79,000	70,000
S&E degree fields, total	69,900	70,000	58,700	79,400	70,000	64,000
Educational institution	58,300	60,000	58,000	66,900	48,600	55,000
Government	70,000	72,000	65,000	74,000	69,600	62,200
Business/industry	80,000	82,000	63,000	88,000	80,000	71,000
Sciences, total	65,000	67,000	56,700	75,000	67,000	62,400
Educational institution	56,000	57,000	56,000	65,000	48,000	55,000
Government	69,000	70,000	65,000	72,000	69,000	62,000
Business/industry	80,000	80,100	60,000	85,000	78,000	70,000
Computer/math sciences, total	72,000	72,400	60,000	88,000	80,000	79,000
Educational institution	60,000	62,000	60,000	75,000	52,500	65,000
Government	69,000	75,000	S	66,000	70,000	S
Business/industry	90,000	89,400	92,000	100,000	85,000	79,000
Life/related sciences, total	62,000	62,000	57,000	74,000	52,000	65,000
Educational institution	55,000	55,000	57,000	64,000	38,500	56,000
Government	67,000	66,400	70,000	75,400	56,000	69,000
Business/industry	75,000	76,000	58,100	81,500	62,500	74,500
Physical/related sciences, total	75,000	75,000	58,000	86,000	70,000	73,000
Educational institution	58,000	60,000	58,000	68,000	49,000	55,000
Government	79,000	80,000	S	87,500	71,200	73,000
Business/industry	83,000	83,000	60,000	92,000	77,000	78,000
Social/related sciences, total	60,000	60,000	55,000	68,300	60,000	60,000
Educational institution	56,000	57,000	55,000	65,000	50,800	53,000
Government	63,000	65,000	60,000	65,200	63,000	60,000
Business/industry	71,000	80,000	61,000	75,000	72,000	65,000
Engineering, total	80,000	80,000	70,000	92,000	77,400	80,000
Educational institution	72,000	72,400	70,000	84,000	54,000	73,000
Government	75,000	76,000	S	87,400	70,000	68,400
Business/industry	85,000	84,000	72,000	95,000	80,000	80,100
Non-S&E degree fields, total	60,000	60,000	55,000	67,000	54,000	60,000
Educational institution	58,500	56,000	56,000	63,000	S	60,000
Government	65,000	S	S	74,900	S	S
Business/industry	65,000	65,000	42,000	70,000	S	65,000

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)