

Table G-9. Median annual salaries of U.S. scientists and engineers, by highest degree attained, broad occupation, employment sector, and primary/secondary work activity : 1997

Highest degree, occupation, 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 occupations, total²	\$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 occupations, total	55,000	56,000	50,000	57,600	55,000	52,000
Educational institution	44,000	44,000	49,000	47,600	40,000	46,000
Government	52,000	53,000	45,000	54,000	50,000	51,000
Business/industry	58,000	60,000	50,000	60,000	57,000	55,000
Scientists, total	52,000	53,000	48,000	54,000	55,000	47,500
Educational institution	43,000	42,000	48,000	45,000	40,000	46,000
Government	50,000	50,000	43,000	50,000	49,000	48,000
Business/industry	55,700	59,000	50,000	57,000	56,000	48,000
Computer/math scientists, total ...	56,000	59,000	48,000	58,000	55,000	56,300
Educational institution	44,000	48,000	45,000	45,000	42,900	43,000
Government	52,000	51,000	45,000	55,000	50,000	56,600
Business/industry	58,000	60,000	50,000	60,000	57,000	58,200
Life/related scientists, total	44,000	44,000	50,000	47,000	40,000	45,000
Educational institution	40,000	38,000	50,000	45,000	30,000	60,000
Government	44,000	44,000	32,000	46,000	42,000	45,000
Business/industry	48,000	50,000	60,000	48,300	42,000	42,000
Physical/related scientists, total ...	50,000	52,000	50,000	52,000	45,000	45,000
Educational institution	41,000	40,000	49,000	50,000	38,000	40,000
Government	50,100	51,000	S	52,000	46,500	50,000
Business/industry	52,500	56,000	70,000	53,000	45,500	43,500
Social/related scientists, total	45,000	47,000	45,000	48,000	42,000	43,000
Educational institution	45,000	45,000	47,000	44,000	38,000	45,000
Government	50,000	55,000	50,000	50,000	53,000	48,000
Business/industry	40,000	47,000	33,500	50,000	43,000	39,000
Engineers, total	60,000	60,000	57,800	60,000	56,000	58,000
Educational institution	50,000	51,000	57,000	60,000	40,000	52,000
Government	56,000	56,000	55,000	57,500	54,000	55,800
Business/industry	60,000	60,000	58,000	60,000	58,000	60,000
Non-S&E occupations, total	46,000	48,500	37,000	50,000	43,000	45,000
Educational institution	38,000	38,000	36,000	40,000	35,700	39,000
Government	44,400	45,000	41,000	48,000	42,000	40,000
Business/industry	50,000	52,000	39,000	52,000	45,000	50,000
Managers/administrators	62,000	73,000	50,000	62,300	55,000	58,000
Educational institution	54,000	60,000	50,000	54,000	50,000	51,000
Government	54,500	60,000	48,500	55,000	50,000	49,000
Business/industry	66,000	78,000	50,000	66,000	60,000	60,000
Other non-S&E occupations	40,000	41,000	36,000	40,000	40,000	42,000
Educational institution	35,300	36,000	36,000	35,000	35,000	38,000
Government	40,000	40,000	40,000	40,000	39,800	39,800
Business/industry	42,000	45,000	38,000	42,000	42,000	46,000

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

Table G-9. Median annual salaries of U.S. scientists and engineers, by highest degree attained, broad occupation, employment sector, and primary/secondary work activity : 1997

Highest degree, occupation, 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 occupations, total ²	\$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 occupations, total	52,000	53,000	38,900	55,000	52,500	51,000
Educational institution	27,000	20,000	24,600	37,000	35,700	34,000
Government	50,000	50,000	43,000	52,000	49,400	50,000
Business/industry	55,000	55,000	49,500	55,000	54,000	52,000
Scientists, total	50,000	49,000	34,000	50,000	52,000	42,000
Educational institution	25,000	19,000	23,000	32,500	35,000	32,000
Government	45,000	45,000	35,000	47,000	46,700	44,300
Business/industry	52,000	53,000	45,000	52,000	54,000	42,000
Computer/math scientists, total ...	54,000	55,000	45,000	55,000	53,000	52,000
Educational institution	39,200	38,000	28,800	40,000	40,000	S
Government	50,000	49,800	S	53,000	49,000	51,500
Business/industry	55,000	56,000	50,000	55,000	55,000	53,700
Life/related scientists, total	36,000	32,000	28,000	40,000	38,000	40,000
Educational institution	20,900	19,000	24,600	32,000	S	S
Government	40,000	40,000	S	41,100	41,000	40,000
Business/industry	40,000	40,000	S	41,400	40,000	40,000
Physical/related scientists, total ...	42,000	42,800	16,000	46,000	40,000	42,000
Educational institution	15,000	15,000	15,000	S	17,000	S
Government	45,000	45,000	S	45,000	43,000	47,200
Business/industry	45,000	45,500	S	47,800	41,000	40,000
Social/related scientists, total	25,000	24,000	19,000	27,000	25,000	25,000
Educational institution	18,700	16,000	S	S	S	S
Government	40,000	S	S	41,500	S	S
Business/industry	25,200	30,000	S	30,000	S	24,000
Engineers, total	55,000	55,000	50,000	58,000	53,000	56,000
Educational institution	40,000	32,000	35,000	48,000	38,000	50,000
Government	55,000	54,200	S	56,000	52,000	54,000
Business/industry	56,000	56,000	52,000	58,600	54,700	57,700
Non-S&E occupations, total	40,000	42,000	30,000	42,000	40,000	36,000
Educational institution	30,000	28,000	29,000	30,000	30,000	32,000
Government	39,000	40,000	33,600	41,000	40,000	36,000
Business/industry	42,000	47,000	34,000	45,000	42,500	37,500
Managers/administrators	56,000	70,000	45,000	57,000	50,000	50,000
Educational institution	44,000	S	S	44,300	45,000	32,000
Government	50,000	56,600	S	50,000	49,000	43,300
Business/industry	60,000	71,600	48,000	60,000	51,000	53,000
Other non-S&E occupations	35,000	37,000	29,800	35,000	38,000	34,000
Educational institution	29,000	28,000	29,000	28,000	28,000	32,000
Government	35,000	37,000	34,600	36,000	38,000	34,600
Business/industry	36,000	40,000	30,000	36,000	40,000	35,000

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

Table G-9. Median annual salaries of U.S. scientists and engineers, by highest degree attained, broad occupation, employment sector, and primary/secondary work activity : 1997

Highest degree, occupation, 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 occupations, total ²	\$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 occupations, total	59,000	60,000	41,000	61,500	60,000	52,000
Educational institution	39,600	34,000	38,000	44,000	41,000	45,000
Government	54,000	53,100	44,000	55,000	52,000	52,000
Business/industry	63,000	64,300	55,000	65,000	62,400	56,000
Scientists, total	54,000	55,000	40,000	57,000	60,000	46,700
Educational institution	39,000	34,000	38,000	42,000	41,000	44,200
Government	50,000	48,000	43,000	52,000	50,000	48,000
Business/industry	60,000	62,000	50,500	63,000	62,000	50,000
Computer/math scientists, total ...	60,000	62,000	41,000	65,000	60,000	60,000
Educational institution	40,000	40,000	37,000	45,000	43,000	S
Government	55,000	56,000	S	57,000	54,000	S
Business/industry	65,000	65,000	55,000	66,000	63,000	65,000
Life/related scientists, total	42,000	40,800	40,000	44,000	40,800	48,000
Educational institution	34,000	30,000	40,000	40,000	30,000	S
Government	44,000	43,000	S	48,000	43,800	48,000
Business/industry	49,000	50,000	S	50,000	45,000	50,000
Physical/related scientists, total ...	51,000	51,000	41,000	55,000	45,000	50,000
Educational institution	35,000	24,000	40,000	48,000	41,000	S
Government	51,000	50,000	S	55,000	44,000	52,000
Business/industry	58,000	58,000	S	60,000	50,000	50,000
Social/related scientists, total	41,100	40,000	38,000	45,000	45,000	41,000
Educational institution	41,000	35,000	38,000	40,000	40,000	45,000
Government	46,000	48,000	S	46,000	S	43,000
Business/industry	40,000	45,000	38,400	50,000	43,000	36,000
Engineers, total	63,600	64,000	50,000	66,000	62,000	61,000
Educational institution	47,000	30,000	47,000	70,000	45,000	S
Government	60,000	59,000	S	60,000	55,000	60,000
Business/industry	65,000	65,000	66,000	69,000	64,100	62,500
Non-S&E occupations, total	50,000	52,000	41,000	57,000	50,000	43,500
Educational institution	43,000	42,500	41,000	45,000	41,000	41,000
Government	50,000	50,000	41,400	52,500	48,000	42,700
Business/industry	60,000	65,000	37,000	65,000	57,000	45,000
Managers/administrators	68,000	75,000	50,000	68,000	60,000	62,500
Educational institution	54,600	60,100	50,000	54,000	50,000	50,000
Government	59,800	60,000	S	60,000	52,000	50,000
Business/industry	75,000	84,000	50,000	75,000	70,700	70,000
Other non-S&E occupations	42,000	45,000	40,000	44,000	45,000	40,000
Educational institution	40,000	41,000	41,000	40,000	40,000	40,000
Government	42,000	42,000	41,000	45,000	42,000	40,000
Business/industry	43,200	50,000	35,000	45,000	49,000	39,500

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

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Highest degree, occupation, 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 occupations, total²	\$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 occupations, total	62,000	64,000	55,000	67,000	65,000	60,000
Educational institution	54,000	54,900	55,000	55,000	48,000	51,000
Government	63,400	66,000	61,000	64,000	63,000	58,000
Business/industry	72,700	74,500	60,000	76,000	72,000	68,900
Scientists, total	60,000	60,000	54,000	63,000	64,000	58,000
Educational institution	52,000	52,100	53,600	54,200	46,500	50,000
Government	62,000	65,000	61,000	61,500	63,400	58,000
Business/industry	71,000	72,800	60,000	75,000	72,000	65,000
Computer/math scientists, total ...	65,000	68,000	54,000	72,000	70,000	65,000
Educational institution	55,000	57,000	54,000	58,000	55,000	56,800
Government	65,000	65,000	S	58,000	66,000	68,500
Business/industry	76,000	80,000	60,000	80,000	73,000	72,100
Life/related scientists, total	57,500	58,000	57,000	64,000	47,000	58,000
Educational institution	52,000	52,000	57,000	56,000	37,000	53,500
Government	61,000	60,100	50,000	65,000	52,000	63,000
Business/industry	70,000	70,000	50,000	73,000	60,000	61,000
Physical/related scientists, total ...	65,000	66,500	54,300	73,000	60,000	65,000
Educational institution	53,000	54,000	54,000	55,000	45,000	55,000
Government	72,000	73,000	S	78,000	71,600	69,000
Business/industry	73,600	73,200	S	79,000	71,600	70,000
Social/related scientists, total	54,000	53,300	51,000	57,000	51,800	55,000
Educational institution	50,000	51,000	50,000	51,000	43,300	49,500
Government	56,000	60,000	62,000	55,000	60,000	55,000
Business/industry	65,000	70,000	60,000	68,000	57,200	64,000
Engineers, total	72,000	72,000	65,000	79,400	70,000	70,300
Educational institution	65,000	66,500	65,000	68,000	52,800	60,000
Government	70,000	70,000	S	70,200	61,000	65,000
Business/industry	75,000	75,000	73,900	80,100	74,000	75,000
Non-S&E occupations, total	65,000	70,000	52,000	75,000	58,000	60,000
Educational institution	60,000	60,000	52,100	69,000	52,000	52,000
Government	71,000	72,000	68,000	75,000	60,000	65,000
Business/industry	75,000	88,000	45,000	80,000	63,000	65,000
Managers/administrators	83,500	90,000	64,700	83,500	80,000	75,000
Educational institution	77,100	80,100	65,000	78,000	65,000	72,000
Government	77,400	82,000	S	77,500	67,000	65,500
Business/industry	90,000	100,000	48,000	91,000	95,000	82,000

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Highest degree, occupation, and employment sector	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Doctorate — continued						
Other non-S&E occupations	\$52,300	\$59,000	\$50,300	\$53,000	\$50,800	\$53,000
Educational institution	51,000	56,000	52,000	50,000	50,000	46,000
Government	60,900	65,000	60,000	69,500	56,000	65,000
Business/industry	56,200	64,000	45,000	60,000	52,000	60,000

- 1 Includes professional degrees
- 2 Total excludes 18,700 individuals who reported never having worked.

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)