

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
All degrees and occupations <sup>a</sup>	500	500	1,000	500	500	1,000	500	1,000	500
Male	1,000	500	3,000	500	1,000	1,000	1,000	1,000	1,000
Female	500	2,000	1,000	1,000	2,000	2,000	2,000	500	2,000
S&E occupations	500	1,000	1,000	1,000	1,000	1,000	2,000	500	1,000
Male	1,000	500	500	1,000	500	500	2,000	2,000	3,000
Female	500	500	1,000	2,000	1,000	2,000	3,000	5,000	6,000
Scientists	500	500	1,000	500	2,000	2,000	2,000	2,000	1,000
Male	500	3,000	2,000	1,000	2,000	3,000	2,000	1,000	3,000
Female	1,000	1,000	3,000	2,000	2,000	2,000	3,000	4,000	6,000
Biological/agricultural/other life scientists	1,000	500	3,000	2,000	4,000	5,000	2,000	2,000	7,000
Male	1,000	4,000	2,000	3,000	4,000	7,000	1,000	2,000	6,000
Female	3,000	1,000	3,000	5,000	6,000	9,000	6,000	10,000	11,000
Agricultural/food scientists	5,000	1,000	6,000	2,000	4,000	7,000	13,000	14,000	16,000
Male	3,000	1,000	6,000	3,000	4,000	4,000	29,000	18,000	21,000
Female	2,000	16,000	10,000	S	18,000	5,000	S	S	S
Biological/medical scientists	1,000	500	4,000	2,000	3,000	5,000	5,000	5,000	14,000
Male	4,000	1,000	5,000	4,000	6,000	7,000	8,000	10,000	19,000
Female	1,000	1,000	4,000	3,000	8,000	10,000	8,000	9,000	12,000
Environmental life scientists	4,000	4,000	4,000	8,000	14,000	4,000	6,000	4,000	S
Male	3,000	4,000	4,000	S	S	7,000	6,000	4,000	S
Female	9,000	9,000	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	3,000	5,000	5,000	6,000	10,000	2,000	6,000	5,000
Male	4,000	4,000	4,000	3,000	7,000	11,000	2,000	9,000	7,000
Female	4,000	9,000	18,000	9,000	24,000	1,000	16,000	15,000	S
Computer/mathematical scientists	500	2,000	500	1,000	1,000	2,000	1,000	3,000	3,000
Male	1,000	2,000	2,000	1,000	2,000	2,000	2,000	3,000	5,000
Female	1,000	1,000	3,000	2,000	2,000	4,000	3,000	4,000	8,000
Computer/information scientists	1,000	500	2,000	500	1,000	2,000	3,000	3,000	4,000
Male	500	500	2,000	2,000	3,000	2,000	3,000	3,000	6,000
Female	1,000	2,000	2,000	3,000	2,000	4,000	3,000	4,000	10,000
Mathematical scientists	3,000	1,000	10,000	3,000	7,000	14,000	8,000	20,000	23,000
Male	2,000	2,000	14,000	8,000	3,000	22,000	21,000	20,000	46,000
Female	7,000	5,000	16,000	6,000	16,000	23,000	S	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	11,000	5,000	7,000	10,000	7,000	4,000	9,000	10,000
Male	2,000	12,000	10,000	4,000	9,000	8,000	6,000	6,000	13,000
Female	2,000	20,000	4,000	2,000	6,000	10,000	9,000	14,000	S
Physical/related scientists	1,000	1,000	4,000	4,000	4,000	5,000	5,000	4,000	3,000
Male	1,000	2,000	1,000	3,000	4,000	6,000	7,000	6,000	6,000
Female	500	1,000	3,000	4,000	4,000	4,000	2,000	12,000	15,000
Chemists, except biochemists	3,000	4,000	2,000	3,000	6,000	8,000	4,000	5,000	5,000
Male	2,000	3,000	7,000	6,000	7,000	11,000	6,000	6,000	8,000
Female	4,000	6,000	2,000	11,000	3,000	9,000	15,000	11,000	S
Earth/atmospheric/ocean scientists	2,000	500	1,000	1,000	6,000	10,000	11,000	21,000	24,000
Male	3,000	3,000	1,000	2,000	6,000	8,000	12,000	22,000	32,000
Female	4,000	4,000	2,000	4,000	S	S	S	S	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Physicists/astronomers	8,000	4,000	5,000	21,000	19,000	1,000	10,000	12,000	13,000
Male	6,000	2,000	8,000	29,000	15,000	2,000	9,000	12,000	13,000
Female	2,000	14,000	11,000	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	2,000	4,000	3,000	2,000	3,000	7,000	19,000	4,000	3,000
Male	2,000	500	3,000	2,000	6,000	6,000	7,000	5,000	2,000
Female	4,000	2,000	3,000	3,000	7,000	14,000	S	S	S
Other physical/related scientists	3,000	1,000	3,000	7,000	8,000	13,000	4,000	S	S
Male	3,000	1,000	6,000	4,000	8,000	14,000	S	S	S
Female	1,000	5,000	7,000	S	S	S	S	S	S
Social/related scientists	1,000	1,000	5,000	1,000	5,000	3,000	4,000	5,000	8,000
Male	2,000	4,000	3,000	4,000	9,000	11,000	3,000	5,000	9,000
Female	500	500	4,000	5,000	7,000	3,000	6,000	7,000	12,000
Economists	6,000	3,000	7,000	17,000	11,000	105,000	30,000	5,000	17,000
Male	7,000	8,000	17,000	31,000	6,000	152,000	35,000	6,000	S
Female	9,000	2,000	26,000	35,000	S	S	S	S	S
Political/related scientists	7,000	12,000	6,000	S	S	S	S	S	S
Male	20,000	4,000	S	S	S	S	S	S	S
Female	2,000	9,000	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	1,000	8,000	3,000	3,000	5,000	5,000	2,000	8,000	11,000
Male	3,000	4,000	3,000	1,000	5,000	9,000	4,000	9,000	6,000
Female	2,000	2,000	4,000	13,000	7,000	1,000	1,000	17,000	12,000
Psychologists	2,000	2,000	2,000	2,000	7,000	5,000	4,000	6,000	12,000
Male	3,000	12,000	8,000	4,000	13,000	7,000	4,000	4,000	15,000
Female	1,000	1,000	2,000	6,000	9,000	6,000	7,000	7,000	10,000
Sociologists/anthropologists	3,000	3,000	4,000	17,000	1,000	4,000	37,000	S	S
Male	6,000	2,000	6,000	S	1,000	S	S	S	S
Female	5,000	2,000	8,000	S	S	S	S	S	S
Other social/related scientists	3,000	2,000	2,000	3,000	3,000	22,000	14,000	15,000	24,000
Male	4,000	5,000	7,000	3,000	7,000	28,000	20,000	19,000	S
Female	7,000	4,000	3,000	6,000	6,000	27,000	21,000	S	S
Engineers	1,000	2,000	1,000	2,000	2,000	500	2,000	2,000	3,000
Male	500	500	1,000	1,000	2,000	1,000	2,000	2,000	3,000
Female	1,000	3,000	1,000	2,000	10,000	6,000	8,000	6,000	S
Aerospace/aeronautical/astronautical engineers	2,000	5,000	4,000	6,000	4,000	3,000	6,000	8,000	7,000
Male	3,000	8,000	4,000	5,000	6,000	3,000	6,000	8,000	7,000
Female	7,000	2,000	9,000	S	S	S	S	S	S
Chemical engineers	1,000	1,000	4,000	2,000	9,000	6,000	5,000	5,000	9,000
Male	1,000	1,000	3,000	3,000	8,000	3,000	4,000	5,000	9,000
Female	5,000	8,000	3,000	2,000	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	500	1,000	3,000	2,000	4,000	5,000	4,000	3,000
Male	2,000	500	1,000	4,000	3,000	3,000	3,000	3,000	3,000
Female	2,000	500	2,000	6,000	7,000	5,000	S	S	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Electrical/computer hardware engineers	3,000	1,000	1,000	2,000	1,000	3,000	3,000	4,000	6,000
Male	1,000	3,000	1,000	2,000	1,000	3,000	3,000	4,000	6,000
Female	5,000	500	5,000	8,000	9,000	28,000	S	S	S
Industrial engineers	2,000	5,000	1,000	3,000	5,000	4,000	5,000	9,000	5,000
Male	1,000	3,000	500	4,000	4,000	4,000	4,000	11,000	5,000
Female	2,000	4,000	5,000	S	S	S	S	S	S
Mechanical engineers	1,000	1,000	2,000	1,000	3,000	2,000	4,000	2,000	6,000
Male	1,000	1,000	1,000	1,000	3,000	2,000	3,000	2,000	6,000
Female	2,000	1,000	3,000	3,000	S	S	S	S	S
Postsecondary teachers-engineering	5,000	3,000	3,000	10,000	14,000	6,000	8,000	9,000	3,000
Male	3,000	7,000	2,000	11,000	14,000	7,000	9,000	9,000	3,000
Female	7,000	3,000	4,000	6,000	S	S	S	S	S
Other engineers	2,000	1,000	2,000	5,000	2,000	2,000	6,000	5,000	6,000
Male	1,000	3,000	3,000	5,000	2,000	4,000	6,000	4,000	6,000
Female	2,000	3,000	7,000	6,000	5,000	18,000	21,000	S	S
S&E-related occupations	500	500	1,000	1,000	3,000	2,000	2,000	2,000	3,000
Male	500	1,000	3,000	3,000	4,000	4,000	3,000	5,000	1,000
Female	500	500	500	2,000	1,000	2,000	2,000	2,000	2,000
Health-related occupations	500	1,000	2,000	2,000	3,000	3,000	3,000	3,000	3,000
Male	500	1,000	7,000	4,000	9,000	13,000	9,000	4,000	1,000
Female	500	1,000	1,000	1,000	500	2,000	2,000	2,000	3,000
S&E managers	2,000	3,000	2,000	3,000	5,000	4,000	4,000	9,000	10,000
Male	2,000	7,000	7,000	4,000	5,000	4,000	6,000	5,000	8,000
Female	5,000	10,000	2,000	11,000	9,000	7,000	15,000	16,000	S
S&E precollege teachers	1,000	500	2,000	1,000	2,000	2,000	1,000	2,000	3,000
Male	1,000	2,000	3,000	1,000	2,000	3,000	4,000	3,000	2,000
Female	1,000	5,000	2,000	2,000	4,000	1,000	2,000	2,000	3,000
S&E technicians/technologists	2,000	1,000	2,000	1,000	4,000	3,000	7,000	5,000	4,000
Male	1,000	6,000	3,000	3,000	4,000	3,000	8,000	8,000	3,000
Female	2,000	1,000	9,000	4,000	4,000	9,000	12,000	9,000	9,000
Other S&E-related occupations	2,000	2,000	2,000	3,000	3,000	8,000	5,000	5,000	7,000
Male	3,000	9,000	5,000	3,000	4,000	7,000	5,000	6,000	10,000
Female	4,000	2,000	1,000	6,000	S	7,000	S	S	S
Non-S&E occupations	1,000	500	1,000	2,000	500	2,000	1,000	1,000	2,000
Male	1,000	1,000	3,000	1,000	2,000	2,000	3,000	3,000	4,000
Female	500	1,000	1,000	1,000	3,000	2,000	3,000	3,000	2,000
Art/humanities/related occupations	3,000	6,000	5,000	5,000	6,000	11,000	15,000	4,000	5,000
Male	4,000	5,000	3,000	3,000	11,000	21,000	8,000	7,000	4,000
Female	3,000	11,000	4,000	4,000	10,000	15,000	26,000	9,000	17,000
Management-related occupations	1,000	1,000	3,000	4,000	3,000	3,000	6,000	4,000	4,000
Male	3,000	2,000	6,000	5,000	4,000	3,000	7,000	4,000	5,000
Female	2,000	1,000	6,000	3,000	4,000	5,000	10,000	16,000	4,000
Non-S&E managers	3,000	3,000	4,000	5,000	4,000	5,000	6,000	6,000	7,000
Male	1,000	4,000	1,000	4,000	8,000	6,000	6,000	6,000	4,000
Female	2,000	5,000	8,000	2,000	8,000	12,000	8,000	21,000	9,000

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(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Non-S&E postsecondary teachers	3,000	5,000	4,000	4,000	7,000	12,000	14,000	4,000	13,000
Male	2,000	1,000	7,000	7,000	16,000	16,000	28,000	6,000	14,000
Female	4,000	7,000	4,000	2,000	10,000	20,000	12,000	4,000	S
Non-S&E precollege/other teachers	1,000	1,000	2,000	1,000	3,000	3,000	4,000	2,000	9,000
Male	2,000	1,000	6,000	3,000	4,000	8,000	7,000	6,000	11,000
Female	1,000	1,000	2,000	3,000	2,000	4,000	3,000	8,000	11,000
Sales/marketing occupations	4,000	1,000	3,000	5,000	3,000	4,000	6,000	5,000	4,000
Male	1,000	2,000	5,000	2,000	7,000	4,000	5,000	4,000	5,000
Female	2,000	1,000	3,000	3,000	6,000	10,000	6,000	13,000	7,000
Social services/related occupations	2,000	2,000	1,000	1,000	2,000	4,000	3,000	2,000	7,000
Male	1,000	1,000	2,000	5,000	5,000	7,000	3,000	6,000	6,000
Female	1,000	1,000	1,000	3,000	2,000	2,000	4,000	1,000	10,000
Other non-S&E occupations	1,000	1,000	2,000	2,000	3,000	2,000	2,000	2,000	3,000
Male	500	1,000	3,000	1,000	3,000	5,000	2,000	2,000	4,000
Female	2,000	500	1,000	3,000	2,000	4,000	2,000	4,000	2,000
Bachelor's degrees, all occupations	500	500	500	2,000	1,000	1,000	1,000	1,000	2,000
Male	500	500	1,000	2,000	1,000	500	2,000	3,000	2,000
Female	500	500	500	1,000	2,000	1,000	2,000	2,000	2,000
S&E occupations	500	4,000	1,000	1,000	2,000	2,000	500	2,000	2,000
Male	2,000	2,000	1,000	1,000	2,000	1,000	1,000	2,000	3,000
Female	1,000	3,000	2,000	2,000	2,000	3,000	4,000	4,000	8,000
Scientists	1,000	1,000	1,000	1,000	2,000	1,000	2,000	2,000	2,000
Male	1,000	1,000	2,000	3,000	2,000	3,000	1,000	3,000	4,000
Female	3,000	2,000	3,000	2,000	2,000	4,000	4,000	5,000	8,000
Biological/agricultural/other life scientists	2,000	500	3,000	6,000	5,000	6,000	6,000	11,000	5,000
Male	1,000	500	3,000	4,000	7,000	7,000	10,000	8,000	6,000
Female	1,000	3,000	9,000	16,000	7,000	10,000	13,000	18,000	S
Agricultural/food scientists	3,000	4,000	S	S	S	S	7,000	S	S
Male	6,000	1,000	S	S	S	S	S	S	S
Female	4,000	S	S	S	S	S	S	S	S
Biological/medical scientists	2,000	500	4,000	7,000	5,000	17,000	11,000	14,000	4,000
Male	3,000	500	4,000	6,000	7,000	17,000	5,000	S	S
Female	1,000	500	10,000	15,000	7,000	20,000	8,000	S	S
Environmental life scientists	6,000	2,000	S	S	S	S	S	S	S
Male	6,000	7,000	S	S	S	S	S	S	S
Female	12,000	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	1,000	S	S	S	S	S	S	S
Male	4,000	S	S	S	S	S	S	S	S
Female	4,000	S	S	S	S	S	S	S	S
Computer/mathematical scientists	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,000	4,000
Male	500	1,000	3,000	1,000	2,000	1,000	3,000	2,000	6,000
Female	1,000	2,000	3,000	4,000	2,000	4,000	4,000	5,000	10,000
Computer/information scientists	1,000	4,000	2,000	1,000	2,000	1,000	1,000	2,000	4,000
Male	500	1,000	2,000	1,000	2,000	1,000	3,000	2,000	6,000
Female	3,000	2,000	3,000	4,000	3,000	3,000	4,000	6,000	10,000



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(Dollars)

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		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other social/related scientists	3,000	4,000	13,000	2,000	S	S	S	S	S
Male	2,000	5,000	S	S	S	S	S	S	S
Female	8,000	12,000	S	S	S	S	S	S	S
Engineers	1,000	2,000	1,000	2,000	2,000	1,000	1,000	3,000	3,000
Male	500	3,000	1,000	1,000	3,000	1,000	1,000	3,000	3,000
Female	1,000	500	1,000	4,000	6,000	6,000	7,000	S	S
Aerospace/aeronautical/astronautical engineers	2,000	1,000	2,000	5,000	6,000	4,000	7,000	15,000	8,000
Male	3,000	1,000	2,000	6,000	7,000	4,000	6,000	15,000	8,000
Female	6,000	3,000	S	S	S	S	S	S	S
Chemical engineers	4,000	500	1,000	3,000	8,000	9,000	4,000	7,000	S
Male	3,000	3,000	1,000	6,000	9,000	3,000	4,000	7,000	S
Female	4,000	1,000	5,000	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	1,000	1,000	2,000	2,000	3,000	6,000	4,000	3,000
Male	1,000	2,000	1,000	2,000	4,000	4,000	6,000	3,000	3,000
Female	3,000	1,000	3,000	2,000	S	S	S	S	S
Electrical/computer hardware engineers	1,000	1,000	1,000	4,000	1,000	4,000	4,000	7,000	6,000
Male	1,000	500	1,000	4,000	2,000	3,000	4,000	6,000	6,000
Female	3,000	500	2,000	S	13,000	33,000	S	S	S
Industrial engineers	1,000	3,000	1,000	4,000	6,000	7,000	5,000	9,000	S
Male	3,000	3,000	2,000	4,000	10,000	7,000	5,000	10,000	S
Female	2,000	1,000	S	S	S	S	S	S	S
Mechanical engineers	500	500	2,000	2,000	5,000	2,000	4,000	3,000	9,000
Male	1,000	500	2,000	1,000	5,000	1,000	4,000	2,000	9,000
Female	3,000	1,000	2,000	S	S	S	S	S	S
Postsecondary teachers-engineering	14,000	500	S	S	S	S	S	S	S
Male	12,000	500	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other engineers	2,000	500	6,000	4,000	4,000	5,000	8,000	8,000	6,000
Male	1,000	1,000	5,000	4,000	3,000	4,000	8,000	8,000	6,000
Female	2,000	4,000	4,000	10,000	11,000	18,000	S	S	S
S&E-related occupations	500	500	2,000	500	3,000	2,000	1,000	2,000	2,000
Male	1,000	500	2,000	4,000	2,000	1,000	2,000	3,000	4,000
Female	1,000	500	1,000	1,000	2,000	500	2,000	1,000	3,000
Health-related occupations	500	500	2,000	1,000	1,000	500	2,000	3,000	4,000
Male	2,000	4,000	2,000	3,000	4,000	4,000	6,000	7,000	7,000
Female	1,000	1,000	4,000	1,000	2,000	1,000	3,000	1,000	3,000
S&E managers	1,000	5,000	6,000	5,000	4,000	6,000	3,000	5,000	13,000
Male	3,000	15,000	7,000	5,000	5,000	5,000	6,000	10,000	13,000
Female	4,000	S	S	S	7,000	6,000	25,000	S	S
S&E precollege teachers	1,000	1,000	1,000	1,000	1,000	3,000	3,000	2,000	3,000
Male	1,000	1,000	3,000	4,000	1,000	S	5,000	4,000	4,000
Female	1,000	3,000	1,000	3,000	3,000	3,000	5,000	3,000	4,000
S&E technicians/technologists	1,000	2,000	3,000	3,000	5,000	5,000	7,000	7,000	4,000
Male	3,000	1,000	2,000	3,000	5,000	4,000	8,000	8,000	3,000
Female	2,000	1,000	8,000	6,000	4,000	9,000	13,000	12,000	7,000



TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Biological/medical scientists	2,000	1,000	5,000	7,000	7,000	12,000	6,000	18,000	S
Male	3,000	2,000	3,000	7,000	10,000	S	S	S	S
Female	2,000	3,000	6,000	8,000	6,000	17,000	S	S	S
Environmental life scientists	3,000	S	S	S	S	S	S	S	S
Male	2,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	3,000	17,000	S	S	S	S	S	S	S
Male	2,000	12,000	S	S	S	S	S	S	S
Female	2,000	9,000	S	S	S	S	S	S	S
Computer/mathematical scientists	2,000	2,000	2,000	500	3,000	4,000	4,000	5,000	13,000
Male	2,000	1,000	2,000	3,000	4,000	2,000	5,000	6,000	14,000
Female	1,000	2,000	3,000	4,000	3,000	8,000	5,000	5,000	S
Computer/information scientists	1,000	1,000	3,000	1,000	2,000	3,000	4,000	5,000	8,000
Male	500	1,000	1,000	1,000	4,000	2,000	3,000	6,000	10,000
Female	1,000	2,000	3,000	3,000	7,000	7,000	6,000	5,000	S
Mathematical scientists	6,000	12,000	7,000	4,000	13,000	S	S	S	S
Male	3,000	8,000	12,000	S	S	S	S	S	S
Female	11,000	11,000	17,000	S	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	4,000	2,000	2,000	10,000	4,000	3,000	9,000	11,000
Male	3,000	7,000	7,000	S	S	S	S	S	S
Female	1,000	9,000	4,000	1,000	S	S	S	S	S
Physical/related scientists	2,000	6,000	3,000	7,000	7,000	10,000	8,000	4,000	17,000
Male	4,000	4,000	5,000	7,000	6,000	9,000	4,000	3,000	22,000
Female	3,000	10,000	7,000	15,000	7,000	S	S	S	S
Chemists, except biochemists	3,000	8,000	9,000	12,000	S	S	S	S	S
Male	2,000	9,000	S	S	S	S	S	S	S
Female	6,000	14,000	3,000	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	5,000	2,000	4,000	S	2,000	13,000	25,000	S	S
Male	5,000	2,000	10,000	S	S	13,000	S	S	S
Female	9,000	9,000	S	S	S	S	S	S	S
Physicists/astronomers	13,000	500	S	S	S	S	S	S	S
Male	17,000	500	S	S	S	S	S	S	S
Female	13,000	2,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	3,000	1,000	S	S	S	S	S	S	S
Male	15,000	1,000	S	S	S	S	S	S	S
Female	2,000	7,000	S	S	S	S	S	S	S
Other physical/related scientists	10,000	7,000	S	S	S	S	S	S	S
Male	7,000	S	S	S	S	S	S	S	S
Female	5,000	S	S	S	S	S	S	S	S
Social/related scientists	2,000	5,000	1,000	3,000	8,000	5,000	7,000	6,000	9,000
Male	3,000	3,000	7,000	14,000	12,000	24,000	9,000	7,000	15,000
Female	3,000	14,000	5,000	6,000	11,000	8,000	7,000	6,000	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Economists	12,000	2,000	S	S	S	S	S	S	S
Male	9,000	S	S	S	S	S	S	S	S
Female	20,000	S	S	S	S	S	S	S	S
Political/related scientists	8,000	1,000	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	13,000	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	5,000	2,000	11,000	S	S	S	S	S	S
Male	7,000	4,000	S	S	S	S	S	S	S
Female	4,000	1,000	13,000	S	S	S	S	S	S
Psychologists	1,000	5,000	3,000	7,000	13,000	11,000	5,000	7,000	S
Male	3,000	10,000	S	S	S	S	9,000	S	S
Female	3,000	4,000	3,000	6,000	12,000	5,000	4,000	12,000	S
Sociologists/anthropologists	3,000	9,000	S	S	S	S	S	S	S
Male	5,000	S	S	S	S	S	S	S	S
Female	8,000	S	S	S	S	S	S	S	S
Other social/related scientists	6,000	2,000	6,000	S	S	S	S	S	S
Male	11,000	5,000	S	S	S	S	S	S	S
Female	12,000	7,000	2,000	S	S	S	S	S	S
Engineers	1,000	4,000	2,000	1,000	2,000	1,000	4,000	3,000	6,000
Male	1,000	500	1,000	1,000	2,000	2,000	4,000	3,000	5,000
Female	2,000	1,000	4,000	7,000	7,000	12,000	S	S	S
Aerospace/aeronautical/astronautical engineers	3,000	5,000	3,000	6,000	7,000	9,000	12,000	S	S
Male	3,000	5,000	2,000	4,000	6,000	9,000	S	S	S
Female	14,000	5,000	S	S	S	S	S	S	S
Chemical engineers	1,000	4,000	2,000	S	10,000	S	S	S	S
Male	1,000	4,000	S	S	S	S	S	S	S
Female	4,000	2,000	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	3,000	3,000	3,000	6,000	7,000	3,000	10,000	11,000
Male	1,000	4,000	3,000	4,000	6,000	3,000	6,000	10,000	12,000
Female	3,000	2,000	5,000	S	S	S	S	S	S
Electrical/computer hardware engineers	2,000	1,000	1,000	1,000	4,000	7,000	6,000	15,000	8,000
Male	2,000	1,000	2,000	1,000	3,000	7,000	7,000	17,000	12,000
Female	4,000	4,000	1,000	S	S	S	S	S	S
Industrial engineers	3,000	4,000	5,000	S	S	S	S	S	S
Male	2,000	3,000	5,000	S	S	S	S	S	S
Female	4,000	8,000	S	S	S	S	S	S	S
Mechanical engineers	2,000	2,000	3,000	4,000	3,000	8,000	11,000	7,000	9,000
Male	2,000	4,000	4,000	3,000	3,000	11,000	12,000	7,000	9,000
Female	8,000	2,000	6,000	S	S	S	S	S	S
Postsecondary teachers-engineering	6,000	1,000	S	S	S	S	S	S	S
Male	5,000	3,000	S	S	S	S	S	S	S
Female	11,000	S	S	S	S	S	S	S	S
Other engineers	3,000	4,000	6,000	4,000	2,000	14,000	5,000	9,000	34,000
Male	2,000	3,000	5,000	5,000	1,000	10,000	5,000	9,000	37,000
Female	2,000	2,000	3,000	13,000	S	S	S	S	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
S&E-related occupations	1,000	2,000	2,000	3,000	3,000	4,000	2,000	3,000	8,000
Male	2,000	4,000	3,000	5,000	5,000	6,000	6,000	6,000	7,000
Female	1,000	500	2,000	2,000	2,000	1,000	4,000	5,000	24,000
Health-related occupations	3,000	1,000	1,000	3,000	4,000	5,000	2,000	4,000	15,000
Male	7,000	3,000	4,000	6,000	10,000	13,000	5,000	13,000	S
Female	1,000	2,000	3,000	2,000	3,000	3,000	4,000	4,000	30,000
S&E managers	2,000	4,000	6,000	7,000	7,000	4,000	4,000	11,000	S
Male	2,000	7,000	4,000	6,000	7,000	11,000	4,000	8,000	S
Female	2,000	5,000	4,000	9,000	21,000	S	S	S	S
S&E precollege teachers	500	2,000	2,000	1,000	3,000	1,000	4,000	2,000	11,000
Male	1,000	2,000	2,000	2,000	4,000	1,000	7,000	5,000	S
Female	1,000	3,000	1,000	1,000	4,000	2,000	3,000	4,000	S
S&E technicians/technologists	2,000	3,000	5,000	5,000	13,000	7,000	14,000	S	S
Male	5,000	4,000	7,000	11,000	10,000	S	16,000	S	S
Female	6,000	10,000	16,000	S	S	S	S	S	S
Other S&E-related occupations	4,000	6,000	6,000	5,000	4,000	7,000	S	S	S
Male	4,000	S	S	4,000	S	S	S	S	S
Female	9,000	S	S	S	S	S	S	S	S
Non-S&E occupations	1,000	1,000	2,000	2,000	3,000	4,000	5,000	5,000	4,000
Male	2,000	2,000	4,000	4,000	3,000	4,000	7,000	3,000	6,000
Female	1,000	1,000	1,000	2,000	3,000	2,000	4,000	6,000	9,000
Art/humanities/related occupations	4,000	9,000	6,000	23,000	S	S	S	S	S
Male	4,000	32,000	S	S	S	S	S	S	S
Female	7,000	4,000	S	S	S	S	S	S	S
Management-related occupations	3,000	2,000	5,000	4,000	5,000	4,000	8,000	4,000	5,000
Male	4,000	6,000	6,000	9,000	4,000	13,000	11,000	11,000	5,000
Female	4,000	4,000	6,000	6,000	8,000	14,000	8,000	S	S
Non-S&E managers	3,000	4,000	4,000	6,000	7,000	7,000	9,000	6,000	10,000
Male	6,000	6,000	4,000	5,000	11,000	10,000	9,000	15,000	11,000
Female	2,000	15,000	11,000	5,000	4,000	16,000	5,000	S	S
Non-S&E postsecondary teachers	1,000	7,000	2,000	6,000	5,000	1,000	S	40,000	S
Male	2,000	11,000	2,000	S	S	S	S	S	S
Female	4,000	13,000	8,000	S	7,000	S	S	S	S
Non-S&E precollege/other teachers	1,000	2,000	3,000	3,000	3,000	4,000	6,000	6,000	26,000
Male	2,000	2,000	4,000	3,000	S	S	S	S	S
Female	1,000	1,000	4,000	2,000	4,000	4,000	6,000	14,000	S
Sales/marketing occupations	3,000	2,000	5,000	9,000	12,000	13,000	13,000	10,000	6,000
Male	4,000	9,000	6,000	19,000	11,000	17,000	15,000	6,000	4,000
Female	3,000	10,000	10,000	7,000	9,000	20,000	S	S	S
Social services/related occupations	500	1,000	1,000	2,000	4,000	4,000	3,000	4,000	17,000
Male	3,000	6,000	2,000	2,000	3,000	6,000	8,000	4,000	S
Female	1,000	1,000	1,000	3,000	2,000	5,000	3,000	8,000	9,000
Other non-S&E occupations	2,000	1,000	8,000	6,000	6,000	3,000	5,000	6,000	7,000
Male	5,000	3,000	9,000	9,000	8,000	9,000	7,000	7,000	9,000
Female	2,000	2,000	1,000	5,000	7,000	9,000	6,000	13,000	7,000

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Doctorate degrees, all occupations	2,000	1,000	2,000	500	1,000	3,000	3,000	4,000	3,000
Male	1,000	1,000	2,000	2,000	3,000	3,000	2,000	2,000	3,000
Female	500	1,000	1,000	2,000	1,000	3,000	4,000	5,000	12,000
S&E occupations	1,000	500	500	500	1,000	1,000	2,000	2,000	2,000
Male	1,000	2,000	2,000	1,000	500	1,000	3,000	2,000	2,000
Female	500	1,000	1,000	1,000	3,000	5,000	4,000	3,000	14,000
Scientists	1,000	2,000	500	1,000	500	2,000	500	2,000	3,000
Male	500	500	500	2,000	1,000	2,000	2,000	1,000	2,000
Female	2,000	500	500	3,000	2,000	5,000	4,000	3,000	14,000
Biological/agricultural/other life scientists	500	500	500	2,000	3,000	3,000	6,000	5,000	3,000
Male	2,000	1,000	2,000	6,000	5,000	3,000	3,000	5,000	2,000
Female	2,000	500	3,000	5,000	3,000	2,000	8,000	19,000	16,000
Agricultural/food scientists	2,000	2,000	7,000	6,000	5,000	1,000	9,000	4,000	13,000
Male	3,000	3,000	5,000	4,000	5,000	2,000	8,000	2,000	13,000
Female	8,000	9,000	10,000	S	S	S	S	S	S
Biological/medical scientists	3,000	1,000	2,000	1,000	6,000	3,000	7,000	7,000	3,000
Male	1,000	500	2,000	5,000	3,000	7,000	5,000	8,000	7,000
Female	500	1,000	1,000	4,000	6,000	4,000	8,000	16,000	S
Environmental life scientists	4,000	S	S	S	S	S	S	S	S
Male	7,000	S	S	S	S	S	S	S	S
Female	12,000	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	2,000	500	2,000	4,000	5,000	2,000	5,000	5,000
Male	2,000	2,000	2,000	2,000	6,000	4,000	2,000	5,000	4,000
Female	2,000	1,000	3,000	4,000	5,000	8,000	5,000	27,000	S
Computer/mathematical scientists	1,000	10,000	5,000	1,000	3,000	3,000	6,000	9,000	5,000
Male	3,000	6,000	4,000	5,000	2,000	4,000	7,000	10,000	4,000
Female	6,000	8,000	5,000	3,000	16,000	6,000	17,000	9,000	S
Computer/information scientists	2,000	7,000	4,000	1,000	4,000	1,000	10,000	5,000	20,000
Male	1,000	10,000	2,000	500	6,000	2,000	11,000	6,000	10,000
Female	5,000	34,000	7,000	3,000	S	S	S	S	S
Mathematical scientists	4,000	8,000	7,000	6,000	9,000	14,000	6,000	7,000	9,000
Male	5,000	10,000	8,000	11,000	11,000	5,000	4,000	10,000	9,000
Female	4,000	12,000	4,000	15,000	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	6,000	3,000	1,000	5,000	3,000	6,000	5,000	4,000
Male	1,000	5,000	1,000	2,000	5,000	3,000	6,000	6,000	4,000
Female	4,000	17,000	3,000	1,000	6,000	S	S	S	S
Physical/related scientists	500	1,000	1,000	2,000	2,000	4,000	4,000	2,000	5,000
Male	2,000	2,000	2,000	2,000	3,000	4,000	6,000	3,000	6,000
Female	2,000	2,000	4,000	4,000	5,000	4,000	9,000	S	S
Chemists, except biochemists	3,000	7,000	3,000	1,000	1,000	6,000	6,000	11,000	8,000
Male	1,000	6,000	3,000	5,000	1,000	6,000	5,000	9,000	7,000
Female	5,000	18,000	1,000	13,000	13,000	S	S	S	S
Earth/atmospheric/ocean scientists	2,000	3,000	3,000	3,000	6,000	5,000	12,000	11,000	4,000
Male	3,000	7,000	4,000	2,000	6,000	5,000	12,000	13,000	4,000



TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Electrical/computer hardware engineers	3,000	5,000	5,000	2,000	10,000	5,000	12,000	13,000	8,000
Male	5,000	5,000	4,000	6,000	10,000	5,000	13,000	14,000	8,000
Female	8,000	9,000	4,000	24,000	S	S	S	S	S
Industrial engineers	42,000	S	S	S	S	S	S	S	S
Male	47,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Mechanical engineers	2,000	10,000	3,000	7,000	1,000	4,000	15,000	18,000	S
Male	2,000	5,000	3,000	7,000	1,000	3,000	15,000	18,000	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	2,000	4,000	2,000	4,000	1,000	4,000	4,000	5,000	8,000
Male	1,000	3,000	3,000	2,000	1,000	5,000	4,000	6,000	8,000
Female	5,000	21,000	1,000	2,000	S	S	S	S	S
Other engineers	1,000	9,000	500	3,000	1,000	9,000	5,000	7,000	16,000
Male	2,000	10,000	1,000	2,000	2,000	11,000	11,000	7,000	16,000
Female	2,000	6,000	2,000	13,000	S	S	S	S	S
S&E-related occupations	3,000	1,000	5,000	9,000	7,000	13,000	8,000	12,000	7,000
Male	3,000	2,000	5,000	6,000	5,000	20,000	14,000	9,000	5,000
Female	1,000	3,000	3,000	14,000	9,000	18,000	24,000	15,000	S
Health-related occupations	3,000	1,000	3,000	5,000	3,000	8,000	7,000	12,000	15,000
Male	4,000	6,000	12,000	9,000	16,000	6,000	6,000	12,000	15,000
Female	4,000	2,000	3,000	1,000	8,000	24,000	43,000	25,000	S
S&E managers	5,000	23,000	8,000	5,000	6,000	5,000	4,000	9,000	15,000
Male	4,000	23,000	3,000	4,000	5,000	4,000	6,000	9,000	14,000
Female	8,000	36,000	5,000	10,000	29,000	1,000	S	S	S
S&E precollege teachers	8,000	S	8,000	S	11,000	4,000	S	S	S
Male	8,000	S	S	S	S	S	S	S	S
Female	13,000	S	S	S	S	S	S	S	S
S&E technicians/technologists	7,000	S	11,000	6,000	S	S	S	S	S
Male	10,000	S	13,000	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Non-S&E occupations	3,000	3,000	6,000	4,000	9,000	6,000	9,000	8,000	20,000
Male	6,000	5,000	11,000	7,000	7,000	9,000	10,000	9,000	20,000
Female	3,000	5,000	4,000	9,000	4,000	12,000	14,000	26,000	24,000
Art/humanities/related occupations	9,000	16,000	6,000	13,000	19,000	20,000	S	35,000	45,000
Male	7,000	S	S	S	S	S	S	S	49,000
Female	4,000	S	1,000	14,000	S	20,000	S	S	S
Management-related occupations	6,000	12,000	14,000	10,000	11,000	3,000	20,000	8,000	18,000
Male	4,000	500	26,000	14,000	25,000	17,000	24,000	9,000	17,000
Female	7,000	20,000	12,000	6,000	7,000	21,000	14,000	S	S
Non-S&E managers	4,000	30,000	8,000	15,000	7,000	14,000	12,000	5,000	7,000
Male	9,000	15,000	6,000	8,000	7,000	13,000	13,000	6,000	10,000
Female	16,000	82,000	20,000	12,000	18,000	32,000	29,000	16,000	14,000

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E postsecondary teachers	3,000	3,000	3,000	3,000	12,000	5,000	26,000	4,000	11,000
Male	5,000	6,000	4,000	7,000	13,000	4,000	34,000	6,000	10,000
Female	2,000	4,000	2,000	4,000	6,000	3,000	S	S	S
Non-S&E precollege/other teachers	16,000	S	S	S	S	S	S	S	S
Male	15,000	S	S	S	S	S	S	S	S
Female	25,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	10,000	44,000	8,000	5,000	12,000	46,000	10,000	48,000	14,000
Male	18,000	S	12,000	2,000	35,000	50,000	6,000	54,000	17,000
Female	19,000	S	S	S	S	S	S	S	S
Social services/related occupations	8,000	9,000	17,000	9,000	16,000	4,000	S	S	S
Male	7,000	13,000	S	S	S	S	S	S	S
Female	11,000	8,000	S	28,000	S	S	S	S	S
Other non-S&E occupations	4,000	39,000	17,000	6,000	15,000	7,000	10,000	8,000	5,000
Male	8,000	11,000	2,000	2,000	39,000	9,000	13,000	11,000	6,000
Female	6,000	S	7,000	6,000	8,000	13,000	S	S	S

S = standard error is not calculated when estimate is suppressed for reliability or confidentiality.

S&E = science and engineering.

<sup>a</sup> Total includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received a bachelor's or higher degree in a science or engineering (S&E) or S&E-related field through 2005, plus any person holding a non-S&E bachelor's or higher degree who was employed in a S&E or S&E-related occupation in 2003. See <http://sestat.nsf.gov/docs/occ03maj.html> for a detailed description of the occupational classification. Standard errors of less than 500 are rounded up to 500, and standard errors equal to or greater than 500 are rounded up to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.