

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: 2003
(Dollars)

Level of 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 degree levels and occupations ^a	1,000	500	1,000	500	1,000	1,000	1,000	1,000	2,000
Male	1,000	1,000	1,000	1,000	2,000	2,000	1,000	3,000	3,000
Female	500	500	500	1,000	2,000	2,000	2,000	2,000	2,000
S&E occupations	1,000	500	1,000	500	500	1,000	500	2,000	2,000
Male	500	1,000	1,000	500	2,000	2,000	2,000	1,000	2,000
Female	1,000	1,000	2,000	1,000	1,000	2,000	1,000	5,000	5,000
Scientists	1,000	500	500	1,000	2,000	2,000	500	4,000	3,000
Male	1,000	500	500	2,000	2,000	2,000	1,000	3,000	4,000
Female	1,000	500	1,000	2,000	1,000	3,000	1,000	5,000	5,000
Biological/agricultural/other life scientists	2,000	1,000	2,000	3,000	3,000	5,000	4,000	5,000	10,000
Male	1,000	1,000	1,000	3,000	5,000	4,000	2,000	5,000	7,000
Female	2,000	1,000	3,000	4,000	3,000	6,000	4,000	9,000	5,000
Agricultural/food scientists	2,000	3,000	4,000	3,000	6,000	11,000	12,000	13,000	5,000
Male	2,000	3,000	5,000	5,000	9,000	13,000	15,000	17,000	5,000
Female	4,000	8,000	3,000	4,000	14,000	S	S	S	S
Biological/medical scientists	2,000	3,000	1,000	2,000	5,000	7,000	5,000	7,000	5,000
Male	2,000	3,000	2,000	7,000	11,000	12,000	8,000	10,000	16,000
Female	2,000	4,000	3,000	4,000	6,000	6,000	6,000	9,000	5,000
Environmental life scientists	4,000	1,000	3,000	8,000	3,000	13,000	2,000	10,000	S
Male	4,000	1,000	3,000	7,000	4,000	14,000	2,000	10,000	S
Female	7,000	7,000	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	3,000	7,000	4,000	3,000	5,000	2,000	7,000	3,000	7,000
Male	3,000	8,000	2,000	4,000	7,000	2,000	3,000	2,000	4,000
Female	6,000	5,000	11,000	3,000	7,000	15,000	2,000	5,000	S
Computer/mathematical scientists	1,000	1,000	2,000	2,000	2,000	2,000	2,000	4,000	3,000
Male	1,000	2,000	1,000	500	1,000	2,000	2,000	4,000	5,000
Female	1,000	2,000	3,000	1,000	4,000	4,000	1,000	6,000	6,000
Computer/information scientists	500	2,000	1,000	2,000	2,000	2,000	2,000	4,000	4,000
Male	1,000	2,000	500	1,000	2,000	2,000	2,000	4,000	7,000
Female	500	2,000	2,000	2,000	3,000	5,000	1,000	6,000	9,000
Mathematical scientists	6,000	3,000	5,000	6,000	8,000	7,000	19,000	25,000	22,000
Male	5,000	1,000	11,000	15,000	2,000	13,000	21,000	8,000	37,000
Female	4,000	2,000	3,000	1,000	3,000	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	1,000	4,000	2,000	7,000	8,000	10,000	9,000	7,000	7,000
Male	3,000	6,000	2,000	5,000	7,000	8,000	7,000	9,000	15,000
Female	2,000	5,000	3,000	6,000	8,000	23,000	36,000	7,000	S
Physical/related scientists	2,000	1,000	2,000	3,000	3,000	6,000	3,000	4,000	5,000
Male	2,000	500	3,000	5,000	4,000	6,000	6,000	5,000	8,000
Female	1,000	2,000	3,000	4,000	6,000	7,000	8,000	14,000	10,000
Chemists, except biochemists	1,000	4,000	3,000	3,000	4,000	9,000	8,000	2,000	3,000
Male	2,000	2,000	5,000	7,000	3,000	6,000	7,000	2,000	3,000
Female	3,000	4,000	3,000	9,000	10,000	19,000	10,000	S	S
Earth/atmospheric/ocean scientists	3,000	1,000	5,000	8,000	6,000	8,000	11,000	25,000	19,000
Male	3,000	2,000	5,000	7,000	8,000	8,000	12,000	24,000	26,000

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(Dollars)

Level of 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
Female	5,000	3,000	10,000	12,000	S	S	S	S	S
Physicists/astronomers	6,000	5,000	4,000	4,000	2,000	2,000	6,000	26,000	16,000
Male	4,000	5,000	5,000	5,000	3,000	2,000	6,000	24,000	24,000
Female	6,000	17,000	12,000	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	2,000	500	4,000	4,000	3,000	4,000	6,000	6,000	13,000
Male	3,000	3,000	6,000	7,000	4,000	4,000	6,000	6,000	14,000
Female	7,000	1,000	28,000	2,000	9,000	5,000	S	S	S
Other physical/related scientists	5,000	2,000	7,000	3,000	5,000	20,000	13,000	S	S
Male	6,000	2,000	8,000	6,000	S	30,000	9,000	S	S
Female	2,000	3,000	8,000	S	S	S	S	S	S
Social/related scientists	500	2,000	2,000	3,000	5,000	3,000	4,000	7,000	7,000
Male	4,000	2,000	3,000	8,000	4,000	7,000	4,000	10,000	8,000
Female	1,000	2,000	2,000	3,000	4,000	6,000	6,000	9,000	16,000
Economists	5,000	15,000	16,000	3,000	19,000	65,000	10,000	16,000	39,000
Male	6,000	7,000	30,000	2,000	49,000	88,000	10,000	12,000	S
Female	8,000	7,000	34,000	70,000	23,000	S	S	S	S
Political/related scientists	2,000	5,000	11,000	S	S	S	S	S	S
Male	12,000	3,000	S	S	S	S	S	S	S
Female	2,000	8,000	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	2,000	9,000	3,000	1,000	1,000	2,000	3,000	7,000	6,000
Male	1,000	7,000	1,000	1,000	2,000	5,000	5,000	6,000	7,000
Female	2,000	7,000	4,000	3,000	4,000	3,000	4,000	21,000	S
Psychologists	1,000	3,000	3,000	5,000	3,000	4,000	3,000	8,000	13,000
Male	3,000	7,000	3,000	10,000	9,000	6,000	4,000	11,000	18,000
Female	1,000	4,000	4,000	4,000	6,000	4,000	4,000	8,000	9,000
Sociologists/anthropologists	6,000	12,000	5,000	4,000	17,000	16,000	6,000	S	S
Male	4,000	2,000	12,000	S	17,000	S	S	S	S
Female	4,000	11,000	6,000	S	22,000	S	S	S	S
Other social/related scientists	2,000	1,000	4,000	6,000	8,000	17,000	7,000	28,000	11,000
Male	8,000	2,000	11,000	14,000	15,000	26,000	9,000	14,000	S
Female	3,000	2,000	3,000	5,000	10,000	35,000	20,000	S	S
Engineers	1,000	1,000	1,000	1,000	2,000	1,000	2,000	1,000	3,000
Male	500	1,000	1,000	1,000	1,000	1,000	3,000	1,000	3,000
Female	1,000	1,000	2,000	4,000	2,000	6,000	8,000	12,000	S
Aerospace/aeronautical/astronautical engineers	3,000	3,000	2,000	6,000	3,000	4,000	6,000	4,000	2,000
Male	3,000	4,000	3,000	7,000	3,000	4,000	6,000	4,000	2,000
Female	6,000	6,000	S	S	S	S	S	S	S
Chemical engineers	2,000	1,000	1,000	4,000	4,000	4,000	7,000	14,000	6,000
Male	1,000	1,000	2,000	4,000	6,000	4,000	7,000	15,000	6,000
Female	2,000	3,000	4,000	5,000	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	500	2,000	3,000	2,000	3,000	2,000	3,000	4,000
Male	1,000	1,000	2,000	3,000	2,000	3,000	3,000	3,000	3,000
Female	3,000	1,000	3,000	7,000	2,000	10,000	S	S	S

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(Dollars)

Level of 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	1,000	1,000	1,000	2,000	2,000	1,000	4,000	3,000	6,000
Male	1,000	1,000	1,000	3,000	2,000	1,000	4,000	3,000	6,000
Female	6,000	4,000	9,000	13,000	6,000	S	S	S	S
Industrial engineers	2,000	2,000	5,000	6,000	3,000	9,000	4,000	9,000	7,000
Male	2,000	3,000	5,000	6,000	4,000	12,000	4,000	8,000	7,000
Female	3,000	1,000	4,000	S	S	S	S	S	S
Mechanical engineers	1,000	2,000	1,000	2,000	2,000	3,000	4,000	3,000	6,000
Male	1,000	2,000	1,000	3,000	2,000	3,000	4,000	3,000	6,000
Female	2,000	5,000	3,000	4,000	8,000	S	S	S	S
Postsecondary teachers-engineering	2,000	8,000	4,000	2,000	3,000	8,000	5,000	5,000	10,000
Male	2,000	11,000	5,000	3,000	3,000	8,000	7,000	5,000	10,000
Female	13,000	12,000	2,000	12,000	S	S	S	S	S
Other engineers	2,000	1,000	2,000	2,000	5,000	4,000	2,000	5,000	6,000
Male	2,000	3,000	3,000	3,000	5,000	4,000	3,000	5,000	7,000
Female	3,000	1,000	3,000	2,000	11,000	10,000	S	S	S
S&E-related occupations	1,000	1,000	500	1,000	1,000	1,000	2,000	2,000	4,000
Male	500	1,000	2,000	3,000	1,000	3,000	3,000	2,000	4,000
Female	1,000	3,000	2,000	2,000	2,000	1,000	1,000	2,000	4,000
Health-related occupations	1,000	500	500	2,000	4,000	3,000	1,000	4,000	5,000
Male	2,000	2,000	4,000	5,000	12,000	11,000	4,000	3,000	7,000
Female	1,000	500	2,000	2,000	3,000	1,000	3,000	3,000	4,000
S&E managers	1,000	2,000	3,000	5,000	3,000	5,000	5,000	5,000	7,000
Male	2,000	4,000	4,000	2,000	3,000	6,000	10,000	4,000	5,000
Female	1,000	6,000	4,000	3,000	2,000	6,000	3,000	S	S
S&E precollege teachers	1,000	1,000	1,000	1,000	2,000	2,000	2,000	1,000	5,000
Male	1,000	1,000	2,000	2,000	3,000	4,000	1,000	2,000	9,000
Female	1,000	2,000	2,000	1,000	2,000	2,000	4,000	4,000	8,000
S&E technicians/technologists	1,000	1,000	3,000	2,000	2,000	5,000	5,000	5,000	7,000
Male	2,000	2,000	3,000	3,000	4,000	6,000	5,000	6,000	9,000
Female	1,000	1,000	4,000	4,000	6,000	11,000	7,000	11,000	11,000
Other S&E-related occupations	1,000	2,000	3,000	3,000	3,000	8,000	8,000	9,000	8,000
Male	2,000	2,000	2,000	3,000	4,000	9,000	9,000	14,000	10,000
Female	3,000	5,000	4,000	6,000	5,000	14,000	S	S	S
Non-S&E occupations	500	500	1,000	2,000	1,000	2,000	3,000	3,000	3,000
Male	1,000	1,000	2,000	1,000	2,000	3,000	3,000	2,000	1,000
Female	1,000	1,000	1,000	2,000	1,000	2,000	2,000	2,000	4,000
Art/humanities/related occupations	3,000	2,000	4,000	4,000	12,000	6,000	9,000	6,000	8,000
Male	5,000	3,000	9,000	6,000	19,000	9,000	25,000	21,000	21,000
Female	3,000	1,000	1,000	5,000	18,000	34,000	6,000	25,000	S
Management-related occupations	2,000	1,000	3,000	4,000	4,000	3,000	4,000	3,000	3,000
Male	2,000	4,000	3,000	5,000	6,000	5,000	4,000	5,000	5,000
Female	2,000	2,000	3,000	2,000	5,000	2,000	7,000	8,000	6,000
Non-S&E managers	2,000	4,000	3,000	5,000	4,000	2,000	5,000	6,000	8,000
Male	2,000	4,000	8,000	4,000	4,000	5,000	6,000	8,000	12,000
Female	2,000	6,000	4,000	5,000	5,000	6,000	9,000	7,000	21,000

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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
Non-S&E postsecondary teachers	1,000	5,000	2,000	4,000	6,000	5,000	7,000	10,000	16,000
Male	2,000	2,000	5,000	15,000	5,000	6,000	9,000	8,000	11,000
Female	4,000	10,000	4,000	7,000	9,000	5,000	18,000	45,000	S
Non-S&E precollege/other teachers	1,000	2,000	1,000	3,000	3,000	4,000	3,000	14,000	4,000
Male	1,000	2,000	1,000	1,000	7,000	6,000	13,000	10,000	S
Female	1,000	3,000	4,000	2,000	4,000	4,000	3,000	7,000	4,000
Sales/marketing occupations	4,000	2,000	4,000	6,000	6,000	4,000	8,000	9,000	3,000
Male	3,000	3,000	5,000	5,000	6,000	8,000	9,000	8,000	4,000
Female	1,000	3,000	2,000	3,000	3,000	3,000	8,000	6,000	6,000
Social services/related occupations	1,000	1,000	2,000	2,000	2,000	2,000	3,000	6,000	9,000
Male	500	2,000	3,000	2,000	3,000	5,000	2,000	7,000	8,000
Female	500	1,000	1,000	2,000	3,000	4,000	5,000	7,000	S
Other non-S&E occupations	500	500	2,000	2,000	2,000	4,000	3,000	2,000	4,000
Male	2,000	1,000	3,000	3,000	4,000	4,000	3,000	4,000	1,000
Female	1,000	1,000	2,000	2,000	3,000	3,000	4,000	4,000	3,000
Bachelor's degrees, all occupations	500	1,000	500	1,000	2,000	2,000	2,000	2,000	2,000
Male	500	500	500	2,000	500	2,000	2,000	3,000	4,000
Female	500	500	1,000	1,000	1,000	2,000	2,000	1,000	2,000
S&E occupations	1,000	500	1,000	1,000	2,000	2,000	2,000	3,000	2,000
Male	500	2,000	2,000	500	2,000	1,000	1,000	2,000	3,000
Female	3,000	2,000	1,000	2,000	2,000	2,000	4,000	5,000	7,000
Scientists	500	500	2,000	2,000	2,000	1,000	3,000	3,000	4,000
Male	500	1,000	1,000	1,000	3,000	2,000	2,000	5,000	3,000
Female	500	1,000	1,000	2,000	2,000	5,000	4,000	6,000	7,000
Biological/agricultural/other life scientists	2,000	2,000	3,000	2,000	4,000	1,000	6,000	5,000	6,000
Male	3,000	1,000	6,000	3,000	4,000	3,000	6,000	7,000	7,000
Female	4,000	1,000	5,000	4,000	8,000	10,000	4,000	S	S
Agricultural/food scientists	5,000	1,000	S	S	S	S	S	S	S
Male	7,000	S	S	S	S	S	S	S	S
Female	6,000	S	S	S	S	S	S	S	S
Biological/medical scientists	1,000	2,000	4,000	2,000	3,000	5,000	3,000	4,000	S
Male	4,000	3,000	9,000	3,000	2,000	S	8,000	S	S
Female	3,000	2,000	7,000	5,000	11,000	19,000	4,000	S	S
Environmental life scientists	4,000	1,000	S	S	5,000	S	2,000	S	S
Male	5,000	S	S	S	S	S	2,000	S	S
Female	11,000	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	6,000	5,000	S	S	S	S	S	S	S
Male	14,000	S	S	S	S	S	S	S	S
Female	5,000	S	S	S	S	S	S	S	S
Computer/mathematical scientists	1,000	1,000	2,000	2,000	1,000	2,000	2,000	3,000	4,000
Male	500	1,000	2,000	2,000	500	1,000	3,000	4,000	6,000
Female	2,000	2,000	2,000	3,000	5,000	4,000	2,000	6,000	9,000
Computer/information scientists	1,000	1,000	2,000	2,000	2,000	3,000	1,000	3,000	4,000
Male	500	2,000	2,000	2,000	500	2,000	2,000	4,000	7,000
Female	2,000	3,000	3,000	3,000	5,000	5,000	2,000	6,000	11,000

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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	4,000	1,000	2,000	5,000	12,000	S	10,000	S	S
Male	5,000	4,000	10,000	S	S	S	S	S	S
Female	3,000	2,000	2,000	S	S	S	S	S	S
Engineers	500	500	1,000	500	1,000	2,000	500	1,000	2,000
Male	500	500	1,000	1,000	1,000	1,000	1,000	2,000	2,000
Female	1,000	2,000	2,000	3,000	3,000	6,000	6,000	S	S
Aerospace/aeronautical/astronautical engineers	2,000	3,000	5,000	4,000	3,000	4,000	11,000	8,000	4,000
Male	2,000	3,000	5,000	5,000	3,000	3,000	11,000	8,000	3,000
Female	10,000	1,000	S	S	S	S	S	S	S
Chemical engineers	2,000	2,000	3,000	7,000	2,000	5,000	5,000	15,000	S
Male	2,000	2,000	3,000	4,000	4,000	5,000	6,000	S	S
Female	2,000	3,000	4,000	S	S	S	S	S	S
Civil/architectural/sanitary engineers	1,000	1,000	2,000	3,000	2,000	3,000	2,000	3,000	6,000
Male	3,000	1,000	2,000	4,000	2,000	2,000	3,000	3,000	5,000
Female	2,000	1,000	4,000	9,000	5,000	S	S	S	S
Electrical/computer hardware engineers	500	500	3,000	2,000	3,000	3,000	5,000	4,000	7,000
Male	500	500	2,000	1,000	2,000	3,000	5,000	4,000	8,000
Female	7,000	1,000	21,000	7,000	14,000	S	S	S	S
Industrial engineers	1,000	2,000	1,000	5,000	3,000	12,000	4,000	4,000	S
Male	2,000	2,000	1,000	4,000	4,000	12,000	4,000	4,000	S
Female	4,000	3,000	4,000	S	S	S	S	S	S
Mechanical engineers	1,000	1,000	1,000	2,000	3,000	2,000	4,000	6,000	9,000
Male	500	1,000	1,000	2,000	3,000	3,000	4,000	6,000	9,000
Female	3,000	1,000	4,000	S	S	S	S	S	S
Postsecondary teachers-engineering	2,000	3,000	S	S	S	S	S	S	S
Male	2,000	3,000	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other engineers	2,000	2,000	4,000	2,000	1,000	5,000	5,000	4,000	7,000
Male	500	2,000	4,000	2,000	2,000	5,000	5,000	4,000	7,000
Female	4,000	3,000	5,000	2,000	3,000	11,000	S	S	S
S&E-related occupations	1,000	1,000	1,000	1,000	2,000	2,000	2,000	1,000	3,000
Male	1,000	1,000	3,000	3,000	2,000	3,000	3,000	5,000	4,000
Female	500	1,000	1,000	2,000	1,000	3,000	3,000	2,000	2,000
Health-related occupations	1,000	1,000	2,000	1,000	2,000	2,000	3,000	2,000	3,000
Male	3,000	2,000	4,000	5,000	4,000	8,000	7,000	5,000	5,000
Female	500	1,000	2,000	3,000	1,000	3,000	2,000	3,000	5,000
S&E managers	3,000	1,000	4,000	9,000	7,000	3,000	6,000	7,000	12,000
Male	2,000	2,000	9,000	5,000	5,000	7,000	8,000	6,000	8,000
Female	3,000	1,000	3,000	8,000	7,000	1,000	S	S	S
S&E precollege teachers	1,000	1,000	500	2,000	4,000	2,000	2,000	3,000	5,000
Male	1,000	1,000	1,000	3,000	5,000	3,000	5,000	4,000	S
Female	1,000	1,000	1,000	2,000	5,000	3,000	4,000	5,000	9,000
S&E technicians/technologists	2,000	2,000	2,000	2,000	2,000	5,000	5,000	6,000	9,000
Male	2,000	1,000	3,000	3,000	4,000	6,000	5,000	6,000	11,000
Female	2,000	2,000	2,000	6,000	3,000	14,000	7,000	6,000	12,000

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: 2003
(Dollars)

Level of 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	3,000	5,000	9,000	7,000	8,000	10,000	S	S
Male	3,000	19,000	5,000	10,000	15,000	S	S	S	S
Female	3,000	2,000	7,000	12,000	6,000	18,000	S	S	S
Environmental life scientists	2,000	7,000	S	S	S	S	S	S	S
Male	3,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	8,000	S	S	S	S	S	S	S
Male	4,000	S	S	S	S	S	S	S	S
Female	3,000	11,000	S	S	S	S	S	S	S
Computer/mathematical scientists	1,000	3,000	2,000	1,000	4,000	2,000	5,000	9,000	19,000
Male	500	2,000	2,000	4,000	4,000	2,000	5,000	13,000	27,000
Female	2,000	3,000	3,000	2,000	7,000	5,000	15,000	18,000	S
Computer/information scientists	2,000	1,000	2,000	2,000	4,000	2,000	5,000	12,000	19,000
Male	2,000	2,000	1,000	4,000	3,000	3,000	6,000	15,000	30,000
Female	2,000	1,000	3,000	2,000	6,000	8,000	13,000	20,000	S
Mathematical scientists	3,000	5,000	6,000	18,000	S	S	S	S	S
Male	4,000	2,000	S	S	S	S	S	S	S
Female	5,000	1,000	5,000	S	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	8,000	2,000	5,000	8,000	8,000	27,000	12,000	S
Male	5,000	10,000	4,000	S	S	S	S	18,000	S
Female	2,000	20,000	3,000	S	S	S	S	S	S
Physical/related scientists	4,000	2,000	5,000	3,000	10,000	5,000	7,000	8,000	16,000
Male	3,000	3,000	5,000	5,000	14,000	5,000	10,000	7,000	21,000
Female	4,000	7,000	8,000	7,000	S	S	S	S	S
Chemists, except biochemists	1,000	8,000	3,000	3,000	S	S	S	S	S
Male	9,000	5,000	S	S	S	S	S	S	S
Female	5,000	22,000	4,000	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	6,000	2,000	S	5,000	13,000	4,000	S	S	S
Male	4,000	3,000	S	S	10,000	4,000	S	S	S
Female	7,000	6,000	S	S	S	S	S	S	S
Physicists/astronomers	10,000	31,000	S	S	S	S	S	S	S
Male	19,000	42,000	S	S	S	S	S	S	S
Female	14,000	1,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	10,000	3,000	S	S	S	S	S	S	S
Male	10,000	4,000	S	S	S	S	S	S	S
Female	7,000	4,000	S	S	S	S	S	S	S
Other physical/related scientists	7,000	3,000	S	S	S	S	S	S	S
Male	9,000	S	S	S	S	S	S	S	S
Female	9,000	S	S	S	S	S	S	S	S
Social/related scientists	3,000	4,000	5,000	6,000	4,000	4,000	4,000	9,000	17,000
Male	3,000	1,000	2,000	15,000	12,000	11,000	4,000	19,000	18,000
Female	2,000	2,000	3,000	4,000	10,000	6,000	10,000	10,000	S
Economists	7,000	14,000	S	S	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: 2003
(Dollars)

Level of 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
Male	6,000	S	S	S	S	S	S	S	S
Female	8,000	34,000	S	S	S	S	S	S	S
Political/related scientists	10,000	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
Postsecondary teachers-social/related sciences	5,000	1,000	8,000	S	S	S	S	S	S
Male	10,000	1,000	S	S	S	S	S	S	S
Female	6,000	2,000	S	S	S	S	S	S	S
Psychologists	1,000	3,000	6,000	4,000	5,000	6,000	7,000	8,000	S
Male	4,000	3,000	S	S	S	6,000	2,000	S	S
Female	1,000	4,000	7,000	4,000	11,000	6,000	4,000	S	S
Sociologists/anthropologists	10,000	2,000	S	S	S	S	S	S	S
Male	6,000	S	S	S	S	S	S	S	S
Female	15,000	S	S	S	S	S	S	S	S
Other social/related scientists	7,000	6,000	9,000	12,000	14,000	S	S	S	S
Male	7,000	18,000	S	S	S	S	S	S	S
Female	4,000	5,000	S	S	S	S	S	S	S
Engineers	1,000	2,000	3,000	3,000	3,000	3,000	3,000	1,000	12,000
Male	500	2,000	2,000	2,000	4,000	4,000	2,000	1,000	11,000
Female	2,000	3,000	3,000	5,000	8,000	7,000	S	S	S
Aerospace/aeronautical/astronautical engineers	4,000	3,000	8,000	10,000	4,000	20,000	6,000	S	S
Male	5,000	4,000	2,000	8,000	4,000	20,000	S	S	S
Female	12,000	1,000	S	S	S	S	S	S	S
Chemical engineers	3,000	1,000	5,000	12,000	S	S	S	S	S
Male	3,000	4,000	S	S	S	S	S	S	S
Female	2,000	4,000	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	3,000	2,000	2,000	6,000	9,000	6,000	10,000	6,000
Male	2,000	1,000	3,000	2,000	7,000	10,000	6,000	10,000	6,000
Female	5,000	3,000	S	S	S	S	S	S	S
Electrical/computer hardware engineers	1,000	3,000	3,000	4,000	6,000	6,000	6,000	10,000	15,000
Male	1,000	7,000	3,000	3,000	7,000	6,000	7,000	10,000	15,000
Female	6,000	3,000	6,000	S	S	S	S	S	S
Industrial engineers	3,000	3,000	5,000	S	S	S	S	S	S
Male	3,000	6,000	6,000	S	S	S	S	S	S
Female	3,000	1,000	S	S	S	S	S	S	S
Mechanical engineers	3,000	4,000	3,000	4,000	3,000	13,000	5,000	6,000	S
Male	2,000	4,000	3,000	4,000	4,000	16,000	4,000	6,000	S
Female	4,000	8,000	S	S	S	S	S	S	S
Postsecondary teachers-engineering	5,000	12,000	S	S	S	S	S	S	S
Male	7,000	18,000	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other engineers	2,000	3,000	4,000	5,000	4,000	5,000	7,000	4,000	26,000
Male	3,000	2,000	5,000	3,000	5,000	6,000	6,000	4,000	S
Female	3,000	4,000	7,000	S	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: 2003
(Dollars)

Level of 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	1,000	2,000	2,000	2,000	3,000	3,000	2,000	6,000
Male	500	4,000	2,000	3,000	4,000	4,000	5,000	7,000	8,000
Female	500	1,000	3,000	3,000	2,000	2,000	4,000	3,000	8,000
Health-related occupations	3,000	500	3,000	3,000	3,000	3,000	5,000	5,000	9,000
Male	4,000	2,000	5,000	9,000	12,000	8,000	11,000	S	S
Female	500	3,000	3,000	4,000	2,000	3,000	4,000	3,000	S
S&E managers	2,000	4,000	3,000	5,000	5,000	11,000	9,000	6,000	S
Male	2,000	4,000	6,000	3,000	5,000	10,000	10,000	6,000	S
Female	2,000	5,000	8,000	4,000	3,000	S	S	S	S
S&E precollege teachers	1,000	500	2,000	2,000	1,000	2,000	2,000	5,000	12,000
Male	1,000	2,000	3,000	2,000	1,000	4,000	2,000	4,000	14,000
Female	1,000	1,000	3,000	4,000	2,000	2,000	4,000	10,000	S
S&E technicians/technologists	2,000	4,000	3,000	8,000	4,000	13,000	14,000	14,000	S
Male	3,000	7,000	4,000	4,000	14,000	17,000	21,000	S	S
Female	4,000	4,000	14,000	8,000	S	S	S	S	S
Other S&E-related occupations	3,000	3,000	5,000	10,000	5,000	16,000	S	S	S
Male	4,000	2,000	3,000	S	S	S	S	S	S
Female	6,000	S	S	S	S	S	S	S	S
Non-S&E occupations	1,000	1,000	2,000	3,000	3,000	4,000	3,000	4,000	3,000
Male	1,000	4,000	5,000	2,000	5,000	4,000	3,000	6,000	6,000
Female	1,000	1,000	2,000	2,000	4,000	2,000	3,000	6,000	11,000
Art/humanities/related occupations	2,000	16,000	3,000	31,000	S	S	S	S	S
Male	7,000	14,000	S	S	S	S	S	S	S
Female	2,000	9,000	S	S	S	S	S	S	S
Management-related occupations	2,000	4,000	1,000	4,000	7,000	6,000	7,000	8,000	7,000
Male	5,000	9,000	4,000	4,000	8,000	5,000	9,000	7,000	7,000
Female	2,000	6,000	2,000	6,000	18,000	5,000	6,000	S	S
Non-S&E managers	3,000	5,000	7,000	3,000	7,000	5,000	8,000	10,000	16,000
Male	3,000	6,000	5,000	11,000	9,000	10,000	18,000	13,000	19,000
Female	2,000	5,000	1,000	7,000	18,000	6,000	14,000	S	S
Non-S&E postsecondary teachers	2,000	7,000	4,000	6,000	3,000	7,000	10,000	S	S
Male	1,000	2,000	S	S	S	S	3,000	S	S
Female	2,000	12,000	5,000	5,000	S	10,000	S	S	S
Non-S&E precollege/other teachers	1,000	2,000	1,000	3,000	2,000	2,000	2,000	16,000	S
Male	5,000	3,000	8,000	3,000	S	S	10,000	S	S
Female	1,000	2,000	1,000	3,000	3,000	3,000	2,000	16,000	S
Sales/marketing occupations	5,000	7,000	14,000	7,000	14,000	11,000	9,000	4,000	12,000
Male	4,000	10,000	5,000	4,000	22,000	12,000	15,000	4,000	11,000
Female	6,000	5,000	5,000	8,000	13,000	S	S	S	S
Social services/related occupations	1,000	1,000	1,000	3,000	3,000	3,000	4,000	5,000	S
Male	2,000	1,000	2,000	5,000	3,000	5,000	4,000	S	S
Female	500	1,000	1,000	4,000	2,000	4,000	4,000	5,000	S
Other non-S&E occupations	2,000	3,000	2,000	6,000	4,000	3,000	4,000	7,000	3,000
Male	4,000	6,000	6,000	6,000	11,000	17,000	6,000	12,000	11,000
Female	1,000	3,000	5,000	4,000	5,000	4,000	6,000	15,000	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: 2003
(Dollars)

Level of 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	1,000	1,000	2,000	1,000	3,000	2,000	1,000	4,000	2,000
Male	500	2,000	1,000	2,000	2,000	1,000	3,000	4,000	1,000
Female	500	2,000	3,000	1,000	3,000	3,000	4,000	11,000	8,000
S&E occupations	500	1,000	2,000	500	1,000	2,000	2,000	2,000	5,000
Male	1,000	2,000	2,000	500	2,000	3,000	2,000	2,000	5,000
Female	2,000	2,000	2,000	2,000	3,000	2,000	4,000	2,000	6,000
Scientists	1,000	2,000	1,000	2,000	1,000	1,000	1,000	2,000	5,000
Male	2,000	2,000	2,000	1,000	2,000	1,000	1,000	2,000	4,000
Female	1,000	2,000	1,000	2,000	3,000	3,000	4,000	3,000	7,000
Biological/agricultural/other life scientists	1,000	1,000	2,000	1,000	4,000	3,000	3,000	4,000	1,000
Male	500	2,000	1,000	2,000	3,000	2,000	3,000	3,000	1,000
Female	2,000	2,000	2,000	3,000	5,000	9,000	5,000	9,000	S
Agricultural/food scientists	1,000	4,000	4,000	4,000	3,000	9,000	8,000	7,000	S
Male	2,000	4,000	5,000	5,000	4,000	4,000	7,000	7,000	S
Female	4,000	7,000	S	S	S	S	S	S	S
Biological/medical scientists	1,000	1,000	4,000	4,000	3,000	5,000	3,000	4,000	3,000
Male	3,000	1,000	5,000	5,000	5,000	7,000	4,000	6,000	2,000
Female	3,000	3,000	2,000	3,000	5,000	15,000	12,000	18,000	S
Environmental life scientists	7,000	S	S	S	S	S	S	S	S
Male	9,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	2,000	1,000	2,000	6,000	2,000	3,000	4,000	4,000
Male	1,000	2,000	1,000	5,000	7,000	3,000	4,000	5,000	4,000
Female	3,000	4,000	1,000	5,000	11,000	4,000	3,000	7,000	S
Computer/mathematical scientists	1,000	5,000	2,000	1,000	5,000	3,000	3,000	6,000	6,000
Male	1,000	3,000	1,000	4,000	6,000	4,000	4,000	6,000	9,000
Female	5,000	10,000	4,000	5,000	15,000	8,000	9,000	10,000	S
Computer/information scientists	1,000	4,000	2,000	6,000	5,000	6,000	8,000	9,000	24,000
Male	3,000	6,000	4,000	5,000	4,000	11,000	11,000	9,000	54,000
Female	2,000	6,000	8,000	9,000	S	5,000	S	S	S
Mathematical scientists	3,000	1,000	3,000	8,000	4,000	6,000	8,000	4,000	S
Male	4,000	1,000	5,000	9,000	5,000	9,000	7,000	4,000	S
Female	5,000	4,000	4,000	S	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	6,000	2,000	5,000	6,000	9,000	5,000	4,000	10,000
Male	2,000	5,000	2,000	6,000	7,000	7,000	7,000	4,000	10,000
Female	4,000	9,000	1,000	3,000	7,000	5,000	S	S	S
Physical/related scientists	2,000	2,000	2,000	3,000	2,000	2,000	4,000	2,000	6,000
Male	3,000	2,000	3,000	2,000	3,000	4,000	3,000	3,000	7,000
Female	3,000	5,000	4,000	5,000	5,000	9,000	6,000	10,000	S
Chemists, except biochemists	1,000	4,000	1,000	4,000	5,000	4,000	2,000	5,000	4,000
Male	1,000	4,000	1,000	4,000	4,000	4,000	4,000	4,000	5,000
Female	4,000	3,000	2,000	9,000	8,000	S	S	S	S
Earth/atmospheric/ocean scientists	1,000	3,000	5,000	6,000	5,000	16,000	2,000	4,000	16,000
Male	4,000	4,000	8,000	5,000	6,000	14,000	3,000	4,000	16,000

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: 2003
(Dollars)

Level of 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	1,000	3,000	4,000	4,000	4,000	14,000	11,000	4,000	32,000
Male	3,000	3,000	6,000	3,000	5,000	14,000	11,000	5,000	32,000
Female	7,000	4,000	10,000	S	S	S	S	S	S
Industrial engineers	30,000	S	2,000	S	S	S	S	S	S
Male	31,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Mechanical engineers	2,000	3,000	2,000	1,000	8,000	5,000	10,000	19,000	S
Male	1,000	3,000	2,000	1,000	10,000	6,000	11,000	19,000	S
Female	8,000	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	1,000	3,000	3,000	3,000	2,000	6,000	3,000	6,000	8,000
Male	2,000	4,000	3,000	3,000	2,000	6,000	3,000	6,000	8,000
Female	3,000	8,000	4,000	16,000	S	S	S	S	S
Other engineers	1,000	3,000	3,000	2,000	8,000	2,000	3,000	14,000	6,000
Male	500	3,000	3,000	4,000	8,000	3,000	3,000	15,000	7,000
Female	3,000	29,000	12,000	3,000	S	S	S	S	S
S&E-related occupations	4,000	2,000	6,000	6,000	9,000	7,000	4,000	10,000	5,000
Male	5,000	9,000	8,000	7,000	5,000	3,000	6,000	9,000	9,000
Female	5,000	500	3,000	5,000	3,000	24,000	13,000	19,000	S
Health-related occupations	3,000	1,000	1,000	4,000	11,000	15,000	6,000	9,000	6,000
Male	8,000	6,000	9,000	14,000	8,000	8,000	8,000	7,000	9,000
Female	5,000	500	1,000	6,000	1,000	40,000	28,000	33,000	S
S&E managers	2,000	3,000	3,000	9,000	8,000	4,000	4,000	14,000	20,000
Male	4,000	5,000	4,000	6,000	3,000	3,000	3,000	16,000	16,000
Female	3,000	6,000	5,000	5,000	1,000	16,000	S	S	S
S&E precollege teachers	6,000	9,000	1,000	5,000	5,000	12,000	S	S	S
Male	2,000	S	7,000	S	4,000	S	S	S	S
Female	2,000	S	S	S	S	S	S	S	S
S&E technicians/technologists	7,000	18,000	11,000	36,000	15,000	12,000	S	S	S
Male	6,000	36,000	15,000	38,000	S	S	S	S	S
Female	7,000	S	S	S	S	S	S	S	S
Other S&E-related occupations	1,000	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	4,000	9,000	5,000	6,000	5,000	9,000	11,000	20,000	16,000
Male	3,000	11,000	10,000	9,000	4,000	12,000	12,000	23,000	17,000
Female	2,000	3,000	6,000	3,000	8,000	5,000	20,000	5,000	34,000
Art/humanities/related occupations	13,000	19,000	24,000	19,000	11,000	32,000	19,000	39,000	33,000
Male	20,000	S	S	S	S	S	S	43,000	41,000
Female	13,000	28,000	25,000	21,000	S	S	S	S	S
Management-related occupations	3,000	3,000	16,000	26,000	1,000	6,000	10,000	56,000	55,000
Male	4,000	1,000	8,000	36,000	1,000	8,000	13,000	63,000	56,000
Female	7,000	6,000	24,000	13,000	9,000	3,000	15,000	S	S
Non-S&E managers	7,000	4,000	14,000	7,000	11,000	10,000	11,000	13,000	10,000
Male	5,000	5,000	14,000	13,000	12,000	11,000	9,000	11,000	10,000
Female	8,000	25,000	12,000	11,000	21,000	37,000	48,000	45,000	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: 2003
(Dollars)

Level of 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	2,000	6,000	3,000	5,000	6,000	9,000	8,000	18,000
Male	1,000	2,000	4,000	9,000	8,000	10,000	9,000	6,000	20,000
Female	4,000	2,000	3,000	2,000	4,000	4,000	S	S	S
Non-S&E precollege/other teachers	11,000	S	9,000	10,000	14,000	S	S	S	S
Male	15,000	S	S	S	S	S	S	S	S
Female	15,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	23,000	500	7,000	5,000	45,000	15,000	23,000	73,000	500
Male	32,000	500	20,000	11,000	1,000	23,000	20,000	63,000	500
Female	2,000	S	46,000	S	S	S	S	S	S
Social services/related occupations	8,000	6,000	14,000	13,000	8,000	3,000	8,000	S	S
Male	10,000	1,000	14,000	19,000	S	S	S	S	S
Female	8,000	19,000	S	S	S	S	S	S	S
Other non-S&E occupations	4,000	17,000	32,000	9,000	23,000	2,000	25,000	20,000	15,000
Male	6,000	13,000	11,000	22,000	9,000	8,000	24,000	21,000	15,000
Female	8,000	19,000	34,000	4,000	49,000	2,000	S	S	S

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

S&E = science and engineering.

^a 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, 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): 2003.