

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003

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	82,000	32,000	43,000	38,000	39,000	35,000	31,000	27,000	22,000
Male	60,000	21,000	33,000	28,000	28,000	25,000	24,000	22,000	17,000
Female	56,000	23,000	29,000	28,000	28,000	25,000	21,000	16,000	14,000
S&E occupations	39,000	17,000	19,000	16,000	17,000	12,000	11,000	8,000	8,000
Male	30,000	12,000	16,000	14,000	14,000	11,000	9,000	8,000	7,000
Female	21,000	10,000	10,000	8,000	8,000	7,000	6,000	3,000	3,000
Scientists	34,000	16,000	15,000	15,000	14,000	10,000	9,000	7,000	6,000
Male	25,000	11,000	13,000	12,000	11,000	9,000	7,000	7,000	5,000
Female	20,000	10,000	9,000	7,000	8,000	7,000	6,000	3,000	2,000
Biological/agricultural/other life scientists	10,000	5,000	5,000	3,000	4,000	5,000	3,000	3,000	2,000
Male	8,000	4,000	3,000	2,000	4,000	4,000	3,000	3,000	2,000
Female	7,000	4,000	4,000	2,000	2,000	2,000	2,000	1,000	1,000
Agricultural/food scientists	4,000	1,000	2,000	1,000	2,000	2,000	2,000	1,000	1,000
Male	3,000	1,000	1,000	500	2,000	1,000	2,000	1,000	1,000
Female	2,000	1,000	2,000	500	1,000	1,000	500	1,000	S
Biological/medical scientists	9,000	5,000	4,000	3,000	3,000	4,000	2,000	2,000	2,000
Male	6,000	4,000	2,000	2,000	2,000	4,000	1,000	2,000	1,000
Female	6,000	4,000	3,000	2,000	2,000	2,000	2,000	1,000	1,000
Environmental life scientists	4,000	1,000	1,000	1,000	2,000	2,000	2,000	2,000	1,000
Male	4,000	1,000	1,000	1,000	2,000	2,000	2,000	2,000	1,000
Female	1,000	500	500	500	1,000	*	S	S	S
Postsecondary teachers-life/related sciences	3,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	500	1,000	1,000	500	1,000	500	500
Female	2,000	1,000	1,000	500	500	500	500	500	*
Computer/mathematical scientists	27,000	11,000	13,000	13,000	12,000	9,000	8,000	5,000	4,000
Male	23,000	9,000	12,000	11,000	9,000	7,000	6,000	5,000	4,000
Female	15,000	7,000	7,000	6,000	7,000	6,000	5,000	3,000	2,000
Computer/information scientists	26,000	11,000	13,000	12,000	11,000	8,000	7,000	5,000	4,000
Male	23,000	9,000	12,000	11,000	9,000	6,000	5,000	4,000	4,000
Female	15,000	7,000	7,000	6,000	6,000	6,000	4,000	2,000	2,000
Mathematical scientists	6,000	1,000	2,000	2,000	2,000	1,000	3,000	2,000	1,000
Male	4,000	1,000	1,000	2,000	1,000	1,000	3,000	1,000	1,000
Female	3,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	500
Postsecondary teachers-computer/mathematical sciences	4,000	2,000	2,000	2,000	1,000	2,000	2,000	1,000	1,000
Male	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	3,000	2,000	1,000	1,000	1,000	1,000	1,000	500	500
Physical/related scientists	9,000	5,000	4,000	4,000	3,000	4,000	2,000	2,000	2,000
Male	7,000	2,000	3,000	3,000	3,000	4,000	2,000	2,000	2,000
Female	6,000	4,000	2,000	2,000	1,000	1,000	1,000	500	500
Chemists, except biochemists	6,000	4,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
Male	4,000	1,000	2,000	1,000	1,000	2,000	1,000	1,000	1,000
Female	5,000	4,000	2,000	1,000	1,000	1,000	1,000	500	500
Earth/atmospheric/ocean scientists	5,000	1,000	2,000	3,000	2,000	1,000	1,000	1,000	1,000
Male	4,000	1,000	2,000	3,000	2,000	1,000	1,000	1,000	1,000
Female	2,000	1,000	500	1,000	1,000	500	500	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003

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
Physicists/astronomers	2,000	1,000	1,000	500	500	1,000	500	1,000	1,000
Male	2,000	1,000	1,000	500	500	1,000	500	1,000	1,000
Female	500	500	500	*	500	*	S	S	S
Postsecondary teachers-physical/related scientists	3,000	1,000	2,000	1,000	1,000	500	1,000	500	1,000
Male	2,000	1,000	1,000	1,000	1,000	500	1,000	500	1,000
Female	2,000	1,000	1,000	500	500	500	*	500	*
Other physical/related scientists	4,000	2,000	2,000	1,000	1,000	3,000	1,000	1,000	500
Male	3,000	1,000	1,000	1,000	1,000	2,000	1,000	1,000	500
Female	2,000	1,000	1,000	1,000	500	1,000	1,000	S	S
Social/related scientists	14,000	7,000	6,000	5,000	4,000	4,000	3,000	3,000	2,000
Male	9,000	4,000	4,000	4,000	2,000	3,000	2,000	3,000	2,000
Female	10,000	5,000	4,000	3,000	3,000	3,000	3,000	1,000	1,000
Economists	3,000	1,000	1,000	2,000	500	2,000	1,000	1,000	1,000
Male	3,000	1,000	1,000	1,000	500	2,000	500	1,000	1,000
Female	2,000	1,000	1,000	1,000	500	*	500	S	S
Political/related scientists	2,000	1,000	1,000	1,000	1,000	1,000	*	1,000	*
Male	2,000	1,000	500	S	1,000	1,000	*	1,000	*
Female	2,000	1,000	1,000	1,000	S	S	S	S	S
Postsecondary teachers-social/related sciences	4,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	3,000	2,000	1,000	1,000	500	1,000	1,000	1,000	1,000
Female	3,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	500
Psychologists	6,000	4,000	3,000	2,000	2,000	2,000	1,000	1,000	1,000
Male	3,000	2,000	1,000	1,000	1,000	2,000	1,000	1,000	500
Female	5,000	3,000	3,000	2,000	2,000	2,000	1,000	1,000	1,000
Sociologists/anthropologists	3,000	2,000	1,000	1,000	1,000	1,000	500	500	1,000
Male	2,000	1,000	1,000	1,000	1,000	*	500	*	S
Female	2,000	2,000	1,000	*	1,000	1,000	500	S	S
Other social/related scientists	9,000	4,000	5,000	3,000	3,000	2,000	3,000	2,000	2,000
Male	7,000	3,000	4,000	3,000	2,000	2,000	1,000	2,000	2,000
Female	6,000	3,000	3,000	2,000	2,000	1,000	2,000	1,000	1,000
Engineers	18,000	6,000	10,000	7,000	8,000	8,000	6,000	5,000	5,000
Male	18,000	5,000	10,000	6,000	8,000	8,000	5,000	5,000	5,000
Female	6,000	3,000	3,000	3,000	2,000	2,000	1,000	1,000	1,000
Aerospace/aeronautical/astronautical engineers	5,000	1,000	2,000	2,000	2,000	2,000	1,000	1,000	3,000
Male	5,000	1,000	2,000	1,000	2,000	2,000	1,000	1,000	3,000
Female	2,000	500	1,000	1,000	500	1,000	S	S	S
Chemical engineers	3,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000
Male	3,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000
Female	2,000	1,000	1,000	1,000	500	500	S	S	S
Civil/architectural/sanitary engineers	8,000	2,000	4,000	3,000	3,000	3,000	2,000	2,000	2,000
Male	8,000	2,000	4,000	3,000	3,000	3,000	2,000	2,000	2,000
Female	2,000	1,000	1,000	1,000	1,000	1,000	500	S	S
Electrical/computer hardware engineers	8,000	3,000	5,000	3,000	3,000	3,000	3,000	2,000	2,000
Male	7,000	3,000	5,000	3,000	3,000	3,000	3,000	2,000	2,000

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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	4,000	1,000	2,000	2,000	1,000	1,000	*	*	S
Industrial engineers	5,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Male	5,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Female	1,000	500	1,000	500	500	500	S	S	S
Mechanical engineers	7,000	3,000	3,000	4,000	3,000	3,000	2,000	2,000	2,000
Male	7,000	3,000	3,000	3,000	2,000	3,000	2,000	2,000	2,000
Female	2,000	1,000	1,000	1,000	1,000	500	500	S	S
Postsecondary teachers-engineering	2,000	1,000	1,000	500	500	500	500	500	1,000
Male	2,000	1,000	1,000	500	500	500	500	500	1,000
Female	1,000	1,000	500	500	*	*	S	S	S
Other engineers	12,000	3,000	6,000	4,000	6,000	5,000	3,000	3,000	3,000
Male	12,000	3,000	6,000	4,000	6,000	5,000	3,000	3,000	3,000
Female	4,000	2,000	1,000	1,000	1,000	2,000	1,000	S	S
S&E-related occupations	48,000	21,000	25,000	22,000	19,000	19,000	17,000	14,000	12,000
Male	31,000	13,000	14,000	14,000	12,000	11,000	10,000	10,000	8,000
Female	33,000	16,000	18,000	18,000	16,000	16,000	14,000	9,000	7,000
Health-related occupations	32,000	18,000	20,000	18,000	16,000	16,000	15,000	10,000	9,000
Male	18,000	9,000	10,000	10,000	9,000	7,000	7,000	6,000	6,000
Female	27,000	14,000	17,000	16,000	13,000	14,000	12,000	7,000	6,000
S&E managers	14,000	3,000	6,000	6,000	5,000	6,000	5,000	4,000	4,000
Male	12,000	2,000	4,000	5,000	4,000	4,000	4,000	4,000	3,000
Female	8,000	2,000	3,000	3,000	3,000	4,000	3,000	1,000	2,000
S&E precollege teachers	21,000	8,000	10,000	8,000	8,000	6,000	6,000	6,000	5,000
Male	14,000	7,000	7,000	5,000	5,000	4,000	3,000	5,000	4,000
Female	14,000	7,000	7,000	7,000	6,000	5,000	5,000	4,000	4,000
S&E technicians/technologists	15,000	6,000	7,000	5,000	6,000	6,000	4,000	4,000	2,000
Male	13,000	5,000	6,000	4,000	6,000	5,000	4,000	4,000	2,000
Female	7,000	3,000	4,000	3,000	3,000	3,000	2,000	2,000	1,000
Other S&E-related occupations	10,000	3,000	4,000	4,000	4,000	5,000	3,000	3,000	3,000
Male	9,000	2,000	4,000	3,000	3,000	5,000	3,000	3,000	3,000
Female	5,000	2,000	2,000	2,000	2,000	2,000	2,000	1,000	S
Non-S&E occupations	70,000	24,000	29,000	31,000	29,000	27,000	25,000	20,000	20,000
Male	54,000	16,000	24,000	24,000	22,000	20,000	20,000	18,000	15,000
Female	48,000	18,000	21,000	21,000	20,000	18,000	15,000	12,000	12,000
Art/humanities/related occupations	17,000	3,000	7,000	8,000	6,000	4,000	6,000	5,000	3,000
Male	11,000	2,000	5,000	5,000	4,000	3,000	3,000	3,000	2,000
Female	12,000	2,000	5,000	6,000	5,000	4,000	6,000	3,000	2,000
Management-related occupations	34,000	10,000	14,000	14,000	13,000	12,000	11,000	9,000	7,000
Male	26,000	7,000	12,000	9,000	10,000	9,000	10,000	7,000	6,000
Female	20,000	7,000	10,000	9,000	8,000	8,000	6,000	5,000	4,000
Non-S&E managers	26,000	6,000	9,000	10,000	11,000	10,000	10,000	7,000	7,000
Male	22,000	5,000	7,000	9,000	10,000	9,000	9,000	6,000	6,000
Female	11,000	3,000	6,000	4,000	5,000	4,000	3,000	3,000	3,000
Non-S&E postsecondary teachers	7,000	4,000	3,000	2,000	2,000	1,000	3,000	2,000	1,000
Male	5,000	3,000	3,000	1,000	2,000	1,000	3,000	1,000	1,000
Female	5,000	3,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Non-S&E precollege/other teachers	21,000	9,000	10,000	9,000	9,000	9,000	8,000	6,000	5,000

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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
Male	9,000	3,000	4,000	4,000	2,000	3,000	4,000	4,000	2,000
Female	19,000	8,000	8,000	8,000	9,000	8,000	7,000	4,000	4,000
Sales/marketing occupations	32,000	10,000	17,000	14,000	11,000	12,000	10,000	11,000	9,000
Male	29,000	7,000	15,000	11,000	10,000	10,000	9,000	10,000	7,000
Female	18,000	7,000	8,000	8,000	6,000	6,000	7,000	5,000	5,000
Social services/related occupations	17,000	9,000	8,000	8,000	6,000	5,000	4,000	4,000	3,000
Male	10,000	4,000	6,000	4,000	3,000	3,000	3,000	3,000	2,000
Female	14,000	8,000	7,000	6,000	5,000	4,000	3,000	3,000	2,000
Other non-S&E occupations	41,000	15,000	18,000	17,000	17,000	17,000	16,000	12,000	11,000
Male	32,000	10,000	14,000	13,000	12,000	13,000	14,000	11,000	9,000
Female	29,000	12,000	13,000	11,000	11,000	11,000	9,000	7,000	6,000
Bachelor's degrees, all occupations	69,000	23,000	36,000	29,000	31,000	30,000	27,000	24,000	19,000
Male	51,000	15,000	27,000	20,000	22,000	21,000	21,000	19,000	14,000
Female	45,000	17,000	24,000	20,000	23,000	22,000	17,000	14,000	13,000
S&E occupations	32,000	12,000	16,000	14,000	14,000	10,000	10,000	7,000	6,000
Male	25,000	9,000	14,000	12,000	11,000	9,000	8,000	7,000	6,000
Female	16,000	8,000	8,000	6,000	7,000	6,000	5,000	3,000	2,000
Scientists	27,000	12,000	14,000	12,000	12,000	9,000	8,000	6,000	5,000
Male	20,000	8,000	11,000	10,000	9,000	7,000	6,000	5,000	4,000
Female	16,000	8,000	7,000	6,000	7,000	6,000	5,000	3,000	2,000
Biological/agricultural/other life scientists	9,000	4,000	4,000	2,000	4,000	5,000	3,000	2,000	1,000
Male	7,000	3,000	2,000	2,000	3,000	4,000	2,000	2,000	1,000
Female	6,000	3,000	3,000	2,000	2,000	2,000	2,000	1,000	1,000
Agricultural/food scientists	3,000	1,000	2,000	1,000	1,000	2,000	1,000	1,000	1,000
Male	2,000	1,000	1,000	500	1,000	1,000	1,000	1,000	1,000
Female	2,000	1,000	2,000	500	500	1,000	500	S	S
Biological/medical scientists	7,000	3,000	3,000	2,000	3,000	4,000	2,000	1,000	1,000
Male	5,000	3,000	2,000	1,000	2,000	3,000	1,000	1,000	500
Female	5,000	3,000	3,000	1,000	2,000	1,000	2,000	500	1,000
Environmental life scientists	4,000	1,000	1,000	1,000	2,000	2,000	2,000	2,000	1,000
Male	4,000	1,000	500	1,000	2,000	2,000	2,000	2,000	1,000
Female	1,000	*	S	S	1,000	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	1,000	1,000	S	S	S	S	S	S
Male	1,000	1,000	S	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Computer/mathematical scientists	24,000	8,000	12,000	11,000	11,000	7,000	7,000	4,000	4,000
Male	19,000	6,000	10,000	10,000	8,000	6,000	5,000	3,000	4,000
Female	13,000	5,000	6,000	5,000	6,000	5,000	4,000	2,000	2,000
Computer/information scientists	23,000	8,000	12,000	11,000	11,000	7,000	6,000	4,000	4,000
Male	19,000	6,000	10,000	9,000	8,000	6,000	5,000	3,000	4,000
Female	13,000	5,000	6,000	5,000	6,000	5,000	4,000	2,000	2,000
Mathematical scientists	5,000	1,000	2,000	1,000	2,000	1,000	3,000	1,000	1,000
Male	4,000	1,000	S	1,000	S	500	3,000	S	S
Female	3,000	500	2,000	S	1,000	S	1,000	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	1,000	1,000	1,000	1,000	2,000	1,000	500	1,000

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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
Male	2,000	1,000	1,000	1,000	S	1,000	1,000	S	S
Female	2,000	1,000	500	S	S	S	500	S	S
Physical/related scientists	8,000	4,000	3,000	2,000	2,000	3,000	2,000	2,000	1,000
Male	6,000	2,000	3,000	1,000	2,000	3,000	2,000	2,000	1,000
Female	5,000	4,000	2,000	2,000	1,000	1,000	1,000	500	500
Chemists, except biochemists	6,000	4,000	2,000	1,000	2,000	2,000	1,000	1,000	500
Male	3,000	1,000	1,000	1,000	1,000	2,000	1,000	1,000	500
Female	4,000	4,000	1,000	1,000	1,000	1,000	1,000	500	*
Earth/atmospheric/ocean scientists	3,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	500
Male	3,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	S
Female	2,000	500	500	S	S	500	S	S	S
Physicists/astronomers	1,000	500	S	S	500	S	S	S	S
Male	1,000	500	S	S	S	S	S	S	S
Female	500	*	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	2,000	1,000	S	S	S	S	S	S	S
Male	2,000	500	S	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Other physical/related scientists	4,000	1,000	2,000	1,000	1,000	2,000	1,000	1,000	S
Male	3,000	1,000	1,000	S	S	2,000	1,000	1,000	S
Female	2,000	1,000	1,000	500	500	S	S	S	S
Social/related scientists	8,000	5,000	5,000	2,000	2,000	2,000	2,000	2,000	2,000
Male	6,000	3,000	4,000	2,000	1,000	2,000	1,000	2,000	1,000
Female	5,000	3,000	3,000	1,000	2,000	2,000	2,000	1,000	1,000
Economists	2,000	500	500	S	500	S	500	S	S
Male	2,000	500	S	S	S	S	500	S	S
Female	500	500	S	S	S	S	S	S	S
Political/related scientists	2,000	1,000	S	S	S	S	S	S	S
Male	1,000	500	S	S	S	S	S	S	S
Female	2,000	1,000	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	2,000	2,000	1,000	S	S	S	S	S	S
Male	1,000	1,000	S	S	S	S	S	S	S
Female	2,000	1,000	S	S	S	S	S	S	S
Psychologists	3,000	2,000	1,000	S	1,000	S	S	S	S
Male	2,000	1,000	S	S	S	S	S	S	S
Female	2,000	1,000	S	S	1,000	S	S	S	S
Sociologists/anthropologists	2,000	1,000	1,000	S	S	S	S	S	S
Male	1,000	1,000	S	S	S	S	S	S	S
Female	2,000	S	S	S	S	S	S	S	S
Other social/related scientists	6,000	3,000	5,000	2,000	2,000	1,000	2,000	2,000	1,000
Male	6,000	2,000	4,000	2,000	1,000	1,000	1,000	2,000	1,000
Female	4,000	2,000	2,000	1,000	1,000	1,000	2,000	S	S
Engineers	17,000	4,000	9,000	6,000	7,000	7,000	5,000	4,000	4,000
Male	16,000	4,000	9,000	6,000	7,000	7,000	5,000	4,000	4,000
Female	5,000	2,000	3,000	2,000	2,000	2,000	1,000	1,000	500

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003

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
Aerospace/aeronautical/astronautical engineers	4,000	1,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000
Male	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	1,000	500	500	S	500	1,000	S	S	S
Chemical engineers	3,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000	500
Male	3,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	500
Female	1,000	500	1,000	1,000	500	500	S	S	S
Civil/architectural/sanitary engineers	7,000	1,000	4,000	2,000	3,000	2,000	2,000	2,000	2,000
Male	7,000	1,000	4,000	2,000	3,000	2,000	2,000	2,000	2,000
Female	2,000	1,000	1,000	500	1,000	1,000	500	S	S
Electrical/computer hardware engineers	7,000	2,000	4,000	3,000	2,000	2,000	2,000	1,000	2,000
Male	6,000	2,000	3,000	2,000	2,000	2,000	2,000	1,000	2,000
Female	3,000	1,000	2,000	1,000	1,000	500	S	S	S
Industrial engineers	4,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000
Male	4,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000
Female	1,000	500	1,000	500	500	500	S	S	S
Mechanical engineers	6,000	1,000	3,000	3,000	2,000	2,000	2,000	2,000	2,000
Male	6,000	1,000	3,000	3,000	2,000	2,000	2,000	2,000	2,000
Female	2,000	500	1,000	1,000	1,000	500	S	S	S
Postsecondary teachers-engineering	1,000	500	S	S	S	S	S	S	S
Male	1,000	500	S	S	S	S	S	S	S
Female	*	*	S	S	S	S	S	S	S
Other engineers	11,000	2,000	6,000	4,000	5,000	5,000	3,000	3,000	3,000
Male	11,000	2,000	6,000	4,000	4,000	5,000	3,000	3,000	3,000
Female	3,000	1,000	1,000	1,000	1,000	2,000	1,000	S	S
S&E-related occupations	39,000	14,000	20,000	17,000	15,000	16,000	15,000	12,000	9,000
Male	26,000	7,000	13,000	10,000	8,000	10,000	9,000	8,000	6,000
Female	30,000	11,000	15,000	14,000	14,000	14,000	12,000	8,000	7,000
Health-related occupations	31,000	11,000	17,000	15,000	13,000	13,000	13,000	8,000	6,000
Male	14,000	4,000	9,000	7,000	5,000	5,000	6,000	4,000	3,000
Female	26,000	10,000	14,000	13,000	12,000	12,000	11,000	6,000	6,000
S&E managers	12,000	2,000	4,000	5,000	4,000	5,000	5,000	3,000	4,000
Male	10,000	1,000	3,000	4,000	4,000	4,000	3,000	3,000	3,000
Female	7,000	1,000	3,000	2,000	2,000	3,000	3,000	1,000	2,000
S&E precollege teachers	14,000	5,000	8,000	7,000	6,000	4,000	5,000	5,000	5,000
Male	10,000	3,000	7,000	5,000	4,000	3,000	3,000	4,000	3,000
Female	10,000	4,000	5,000	5,000	4,000	4,000	4,000	3,000	4,000
S&E technicians/technologists	14,000	5,000	6,000	5,000	6,000	6,000	4,000	4,000	2,000
Male	12,000	4,000	5,000	4,000	5,000	5,000	4,000	3,000	2,000
Female	6,000	2,000	3,000	2,000	2,000	3,000	2,000	1,000	1,000
Other S&E-related occupations	9,000	2,000	4,000	3,000	3,000	4,000	3,000	3,000	2,000
Male	8,000	1,000	3,000	3,000	3,000	3,000	3,000	3,000	2,000
Female	4,000	2,000	2,000	1,000	1,000	2,000	2,000	S	S
Non-S&E occupations	58,000	16,000	23,000	25,000	24,000	23,000	22,000	18,000	17,000
Male	44,000	10,000	19,000	18,000	17,000	18,000	17,000	16,000	12,000
Female	37,000	13,000	16,000	16,000	16,000	15,000	13,000	10,000	10,000
Art/humanities/related occupations	14,000	3,000	5,000	7,000	5,000	4,000	6,000	3,000	2,000

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003

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	9,000	2,000	4,000	5,000	3,000	2,000	2,000	2,000	2,000
Female	10,000	2,000	3,000	5,000	4,000	3,000	6,000	2,000	2,000
Management-related occupations	28,000	7,000	12,000	10,000	11,000	11,000	9,000	8,000	6,000
Male	21,000	5,000	10,000	7,000	9,000	8,000	7,000	7,000	5,000
Female	17,000	5,000	8,000	7,000	7,000	7,000	5,000	5,000	3,000
Non-S&E managers	21,000	1,000	6,000	8,000	9,000	8,000	8,000	6,000	6,000
Male	18,000	1,000	5,000	8,000	8,000	7,000	8,000	5,000	5,000
Female	8,000	1,000	4,000	3,000	3,000	3,000	3,000	3,000	3,000
Non-S&E postsecondary teachers	3,000	2,000	2,000	2,000	500	500	1,000	1,000	S
Male	2,000	1,000	1,000	1,000	S	500	S	1,000	S
Female	2,000	1,000	1,000	1,000	S	S	S	1,000	S
Non-S&E precollege/other teachers	17,000	5,000	7,000	8,000	7,000	7,000	6,000	4,000	5,000
Male	7,000	1,000	3,000	3,000	1,000	2,000	3,000	S	2,000
Female	15,000	4,000	6,000	7,000	7,000	6,000	5,000	3,000	4,000
Sales/marketing occupations	28,000	8,000	14,000	12,000	10,000	10,000	10,000	10,000	9,000
Male	25,000	5,000	12,000	9,000	9,000	9,000	8,000	9,000	7,000
Female	17,000	6,000	7,000	7,000	5,000	5,000	6,000	5,000	5,000
Social services/related occupations	12,000	6,000	6,000	5,000	4,000	3,000	3,000	3,000	2,000
Male	7,000	2,000	4,000	3,000	3,000	2,000	2,000	2,000	1,000
Female	9,000	5,000	5,000	3,000	4,000	3,000	2,000	2,000	2,000
Other non-S&E occupations	36,000	11,000	15,000	14,000	14,000	14,000	14,000	11,000	10,000
Male	27,000	7,000	11,000	11,000	10,000	10,000	12,000	9,000	8,000
Female	25,000	8,000	11,000	9,000	9,000	10,000	8,000	6,000	6,000
Master's degrees, all occupations	47,000	23,000	22,000	20,000	18,000	16,000	15,000	12,000	10,000
Male	33,000	15,000	16,000	15,000	14,000	12,000	11,000	10,000	9,000
Female	32,000	17,000	15,000	14,000	12,000	12,000	11,000	7,000	4,000
S&E occupations	20,000	11,000	9,000	8,000	9,000	6,000	5,000	5,000	4,000
Male	16,000	9,000	7,000	7,000	8,000	5,000	4,000	5,000	4,000
Female	12,000	7,000	5,000	4,000	4,000	3,000	3,000	1,000	1,000
Scientists	18,000	10,000	7,000	8,000	7,000	5,000	4,000	4,000	3,000
Male	14,000	8,000	6,000	6,000	6,000	4,000	3,000	4,000	2,000
Female	11,000	7,000	5,000	4,000	4,000	3,000	3,000	1,000	1,000
Biological/agricultural/other life scientists	5,000	3,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
Male	4,000	3,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000
Female	3,000	2,000	2,000	1,000	1,000	1,000	500	500	500
Agricultural/food scientists	2,000	500	1,000	500	1,000	500	1,000	S	S
Male	2,000	500	S	S	1,000	500	S	S	S
Female	1,000	500	S	S	S	S	S	S	S
Biological/medical scientists	4,000	3,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Male	3,000	2,000	1,000	1,000	1,000	500	1,000	S	S
Female	3,000	2,000	1,000	1,000	1,000	1,000	500	S	500
Environmental life scientists	2,000	1,000	1,000	S	500	S	S	S	S
Male	2,000	500	S	S	500	S	S	S	S
Female	500	*	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	1,000	1,000	500	S	S	1,000	500	S
Male	1,000	1,000	S	S	S	S	S	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003

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	1,000	1,000	1,000	500	S	S	S	S	S
Computer/mathematical scientists	14,000	8,000	5,000	6,000	5,000	4,000	3,000	4,000	1,000
Male	12,000	6,000	5,000	5,000	5,000	3,000	3,000	4,000	1,000
Female	7,000	5,000	3,000	3,000	2,000	2,000	2,000	1,000	500
Computer/information scientists	13,000	7,000	5,000	5,000	5,000	3,000	3,000	3,000	1,000
Male	12,000	6,000	5,000	5,000	5,000	3,000	3,000	3,000	1,000
Female	7,000	5,000	3,000	3,000	2,000	2,000	1,000	1,000	500
Mathematical scientists	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	S
Male	2,000	1,000	1,000	1,000	500	1,000	1,000	1,000	S
Female	2,000	1,000	1,000	1,000	S	500	S	S	S
Postsecondary teachers-computer/mathematical sciences	3,000	1,000	2,000	1,000	1,000	1,000	2,000	1,000	1,000
Male	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	500	1,000	1,000	500	1,000	1,000	500	S
Physical/related scientists	5,000	2,000	2,000	3,000	2,000	1,000	1,000	1,000	1,000
Male	4,000	1,000	1,000	3,000	2,000	1,000	1,000	1,000	1,000
Female	3,000	2,000	1,000	1,000	1,000	500	500	500	S
Chemists, except biochemists	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	1,000	500	1,000	1,000	500	1,000	S
Female	2,000	1,000	1,000	1,000	S	S	500	S	S
Earth/atmospheric/ocean scientists	3,000	1,000	1,000	3,000	1,000	1,000	500	500	1,000
Male	3,000	500	1,000	3,000	1,000	1,000	500	500	1,000
Female	1,000	500	S	500	S	S	S	S	S
Physicists/astronomers	1,000	1,000	500	S	S	1,000	S	S	S
Male	1,000	1,000	500	S	S	1,000	S	S	S
Female	500	*	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	2,000	1,000	1,000	1,000	S	S	500	500	1,000
Male	1,000	500	S	S	S	S	500	500	S
Female	1,000	1,000	S	S	S	S	S	S	S
Other physical/related scientists	1,000	1,000	1,000	1,000	1,000	S	S	S	S
Male	1,000	500	1,000	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Social/related scientists	10,000	5,000	4,000	4,000	3,000	3,000	2,000	2,000	1,000
Male	6,000	3,000	2,000	3,000	2,000	3,000	1,000	2,000	1,000
Female	7,000	4,000	4,000	3,000	3,000	2,000	2,000	1,000	1,000
Economists	3,000	1,000	1,000	2,000	500	1,000	1,000	1,000	S
Male	2,000	1,000	1,000	1,000	S	S	S	1,000	S
Female	2,000	1,000	S	S	S	S	S	S	S
Political/related scientists	1,000	500	S	S	S	S	S	S	S
Male	1,000	500	S	S	S	S	S	S	S
Female	500	500	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	1,000	1,000	S	1,000	1,000	1,000	500
Female	2,000	1,000	1,000	500	1,000	500	500	500	S
Psychologists	6,000	3,000	3,000	2,000	2,000	2,000	1,000	1,000	1,000

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003

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	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Female	5,000	3,000	3,000	2,000	2,000	2,000	1,000	1,000	1,000
Sociologists/anthropologists	2,000	1,000	1,000	S	S	1,000	S	S	S
Male	1,000	*	500	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Other social/related scientists	6,000	3,000	2,000	2,000	3,000	2,000	1,000	1,000	S
Male	4,000	2,000	1,000	2,000	2,000	2,000	S	1,000	S
Female	4,000	2,000	1,000	1,000	2,000	1,000	1,000	S	S
Engineers	9,000	4,000	5,000	3,000	5,000	4,000	3,000	2,000	3,000
Male	9,000	4,000	4,000	3,000	5,000	4,000	3,000	2,000	3,000
Female	3,000	2,000	2,000	2,000	1,000	1,000	1,000	S	1,000
Aerospace/aeronautical/astronautical engineers	4,000	1,000	2,000	1,000	1,000	1,000	1,000	500	2,000
Male	3,000	1,000	1,000	1,000	1,000	1,000	1,000	500	2,000
Female	1,000	500	S	S	S	S	S	S	S
Chemical engineers	2,000	1,000	1,000	1,000	1,000	500	1,000	500	500
Male	2,000	1,000	1,000	1,000	1,000	500	1,000	500	500
Female	1,000	1,000	S	500	S	S	S	S	S
Civil/architectural/sanitary engineers	3,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	3,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	1,000	1,000	500	1,000	S	S	S	S
Electrical/computer hardware engineers	5,000	2,000	3,000	2,000	2,000	1,000	1,000	1,000	1,000
Male	5,000	2,000	3,000	2,000	2,000	1,000	1,000	1,000	1,000
Female	2,000	1,000	1,000	1,000	1,000	S	S	S	S
Industrial engineers	3,000	2,000	1,000	2,000	1,000	500	1,000	1,000	S
Male	3,000	1,000	1,000	2,000	1,000	S	1,000	1,000	S
Female	1,000	500	500	S	S	S	S	S	S
Mechanical engineers	4,000	2,000	1,000	1,000	1,000	3,000	1,000	1,000	500
Male	4,000	2,000	1,000	1,000	1,000	3,000	1,000	1,000	500
Female	1,000	1,000	500	500	S	S	S	S	S
Postsecondary teachers-engineering	1,000	1,000	S	S	500	S	S	S	S
Male	1,000	1,000	S	S	S	S	S	S	S
Female	1,000	500	S	S	S	S	S	S	S
Other engineers	6,000	2,000	2,000	2,000	4,000	2,000	2,000	2,000	1,000
Male	6,000	2,000	2,000	1,000	4,000	2,000	2,000	2,000	1,000
Female	2,000	1,000	1,000	1,000	500	500	S	S	S
S&E-related occupations	23,000	12,000	12,000	10,000	9,000	8,000	8,000	5,000	4,000
Male	15,000	7,000	7,000	6,000	6,000	4,000	4,000	4,000	4,000
Female	18,000	11,000	10,000	8,000	7,000	7,000	6,000	3,000	1,000
Health-related occupations	16,000	9,000	9,000	8,000	8,000	6,000	5,000	3,000	2,000
Male	8,000	4,000	4,000	4,000	4,000	2,000	1,000	2,000	1,000
Female	13,000	8,000	8,000	6,000	6,000	5,000	5,000	3,000	1,000
S&E managers	7,000	2,000	3,000	3,000	3,000	3,000	2,000	2,000	1,000
Male	5,000	2,000	3,000	3,000	2,000	2,000	2,000	2,000	1,000
Female	4,000	2,000	2,000	2,000	2,000	2,000	1,000	500	S
S&E precollege teachers	12,000	7,000	6,000	5,000	4,000	4,000	4,000	3,000	2,000
Male	9,000	6,000	4,000	3,000	3,000	2,000	2,000	3,000	2,000

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003

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	500	500	500	500	500	500	500	500	*
Female	500	*	*	*	*	*	*	S	S
Biological/medical scientists	3,000	2,000	1,000	1,000	1,000	1,000	500	500	500
Male	2,000	2,000	1,000	1,000	1,000	1,000	500	500	500
Female	2,000	1,000	1,000	1,000	1,000	500	500	500	*
Environmental life scientists	500	*	*	500	*	S	S	S	S
Male	500	*	*	*	*	S	S	S	S
Female	*	*	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	500	500	500	1,000	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	1,000	500	500	500	500	500	500	500	*
Computer/mathematical scientists	3,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Female	2,000	2,000	500	500	500	500	500	*	*
Computer/information scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500
Male	2,000	1,000	1,000	500	1,000	1,000	500	500	500
Female	1,000	500	500	500	*	500	*	S	S
Mathematical scientists	1,000	500	500	500	500	500	500	500	*
Male	1,000	500	500	500	500	500	500	500	*
Female	500	500	500	*	*	S	*	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	2,000	500	500	1,000	500	500	500	500
Male	1,000	1,000	500	500	1,000	500	500	500	500
Female	2,000	2,000	500	500	500	*	*	*	S
Physical/related scientists	2,000	1,000	1,000	1,000	1,000	1,000	500	500	500
Male	2,000	1,000	1,000	1,000	500	1,000	500	500	500
Female	1,000	500	500	500	500	500	500	500	*
Chemists, except biochemists	1,000	1,000	500	500	500	500	500	500	500
Male	1,000	1,000	500	500	500	500	500	500	500
Female	500	500	500	500	500	*	S	*	S
Earth/atmospheric/ocean scientists	1,000	500	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	500	*	*	*	*	S	*	S	S
Physicists/astronomers	1,000	500	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	500	500	*	*	S	S	S	S	S
Postsecondary teachers-physical/related sciences	1,000	1,000	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	500	500	500	500	500	*	*	*	*
Other physical/related scientists	1,000	500	500	500	*	500	*	*	*
Male	1,000	*	500	500	*	500	*	*	*
Female	500	*	*	*	S	S	S	S	S
Social/related scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	1,000	1,000	500	1,000	1,000	500	500
Female	2,000	1,000	1,000	1,000	1,000	500	500	500	500

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003

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	
Economists	500	500	500	500	500	500	500	500	500	*
Male	500	500	500	500	*	500	500	500	500	*
Female	500	*	*	*	*	*	*	S	S	
Political/related scientists	500	*	*	*	S	S	*	S	S	*
Male	500	*	*	S	S	S	S	S	S	*
Female	*	*	*	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500	
Male	2,000	1,000	1,000	500	500	1,000	1,000	500	500	
Female	1,000	1,000	500	500	500	500	500	500	500	*
Psychologists	1,000	1,000	500	1,000	500	500	1,000	500	500	
Male	1,000	500	500	500	500	500	1,000	500	500	
Female	1,000	1,000	500	500	500	500	500	500	500	*
Sociologists/anthropologists	1,000	1,000	500	*	500	*	*	*	*	S
Male	500	*	*	*	*	*	*	*	*	S
Female	1,000	1,000	*	*	*	*	*	S	S	
Other social/related scientists	1,000	500	500	500	500	*	500	*	*	*
Male	500	500	500	*	*	*	*	*	*	*
Female	500	500	500	*	*	*	*	*	*	S
Engineers	2,000	1,000	1,000	1,000	1,000	1,000	500	1,000	1,000	
Male	2,000	1,000	1,000	1,000	500	500	500	1,000	1,000	
Female	1,000	500	500	500	500	*	*	S	S	
Aerospace/aeronautical/astronautical engineers	1,000	500	500	500	500	*	*	500	500	
Male	1,000	500	500	500	500	*	*	500	500	
Female	*	S	S	S	S	S	S	S	S	
Chemical engineers	1,000	500	500	500	500	500	500	500	500	*
Male	1,000	500	500	500	500	500	500	500	500	*
Female	500	*	*	*	S	S	S	S	S	S
Civil/architectural/sanitary engineers	500	500	500	500	500	*	*	*	*	*
Male	500	500	500	500	500	*	*	*	*	*
Female	*	S	*	S	S	S	S	S	S	S
Electrical/computer hardware engineers	1,000	500	500	500	500	500	500	500	500	
Male	1,000	500	500	500	500	500	500	500	500	
Female	500	500	500	*	S	S	S	S	S	S
Industrial engineers	1,000	1,000	*	*	*	S	S	S	S	S
Male	1,000	S	*	*	S	S	S	S	S	S
Female	*	*	S	S	S	S	S	S	S	S
Mechanical engineers	500	500	500	500	500	500	500	500	500	*
Male	500	500	500	500	500	500	500	500	500	*
Female	500	*	*	*	S	S	S	S	S	S
Postsecondary teachers-engineering	1,000	500	500	500	500	500	500	500	500	
Male	1,000	500	500	500	500	500	500	500	500	
Female	500	500	*	*	*	*	S	S	S	S
Other engineers	1,000	500	1,000	500	500	500	500	500	500	
Male	1,000	500	1,000	500	500	500	500	500	500	
Female	500	500	500	*	*	S	S	S	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003

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	5,000	3,000	2,000	1,000	2,000	2,000	1,000	1,000	1,000
Male	3,000	1,000	1,000	1,000	500	2,000	1,000	1,000	1,000
Female	4,000	2,000	2,000	1,000	2,000	1,000	500	500	*
Health-related occupations	3,000	2,000	1,000	1,000	2,000	1,000	500	500	1,000
Male	1,000	1,000	500	1,000	500	1,000	500	500	500
Female	3,000	2,000	1,000	1,000	1,000	1,000	500	500	*
S&E managers	1,000	500	500	500	500	500	500	1,000	500
Male	1,000	500	500	500	500	500	500	1,000	500
Female	500	500	500	500	500	500	*	S	S
S&E precollege teachers	3,000	500	2,000	1,000	500	1,000	500	1,000	*
Male	1,000	500	500	500	*	1,000	500	1,000	*
Female	2,000	500	2,000	500	500	*	*	S	S
S&E technicians/technologists	1,000	1,000	500	500	500	*	*	*	*
Male	1,000	1,000	500	500	500	*	*	*	*
Female	500	*	500	*	S	S	S	S	S
Other S&E-related occupations	2,000	S	S	S	S	S	S	S	S
Male	1,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Non-S&E occupations	8,000	5,000	4,000	3,000	2,000	3,000	2,000	3,000	1,000
Male	7,000	4,000	3,000	2,000	2,000	2,000	2,000	3,000	1,000
Female	4,000	2,000	2,000	1,000	2,000	2,000	1,000	1,000	500
Art/humanities/related occupations	1,000	1,000	1,000	1,000	500	500	500	500	500
Male	1,000	500	1,000	1,000	*	*	*	500	500
Female	1,000	1,000	500	500	*	*	*	*	*
Management-related occupations	4,000	3,000	1,000	1,000	1,000	1,000	500	1,000	1,000
Male	3,000	3,000	1,000	1,000	1,000	1,000	500	1,000	1,000
Female	1,000	1,000	1,000	500	1,000	1,000	500	*	S
Non-S&E managers	4,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	500
Male	3,000	1,000	2,000	1,000	1,000	2,000	1,000	1,000	500
Female	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	*
Non-S&E postsecondary teachers	3,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	2,000	1,000	1,000	1,000	1,000	500	500
Female	1,000	1,000	1,000	500	500	500	500	*	*
Non-S&E precollege/other teachers	2,000	500	500	1,000	500	500	S	2,000	S
Male	2,000	S	500	*	500	S	S	2,000	S
Female	1,000	*	500	1,000	*	500	S	S	S
Sales/marketing occupations	3,000	2,000	500	500	1,000	500	1,000	1,000	1,000
Male	3,000	2,000	500	500	1,000	500	1,000	1,000	1,000
Female	1,000	500	*	*	1,000	*	*	S	S
Social services/related occupations	2,000	1,000	1,000	1,000	500	500	500	1,000	*
Male	2,000	500	1,000	1,000	*	500	*	1,000	*
Female	1,000	500	1,000	*	*	*	*	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2003

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
Other non-S&E occupations	2,000	1,000	1,000	1,000	1,000	1,000	500	1,000	1,000
Male	2,000	500	500	500	1,000	1,000	500	1,000	1,000
Female	2,000	1,000	1,000	1,000	500	1,000	500	*	S

* = standard error is not calculated when estimate is less than 500; 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.