

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
All degree levels and occupations ^a	82,000	74,000	73,000	29,000	32,000	42,000	26,000	33,000	34,000	21,000	28,000
S&E occupations	39,000	33,000	30,000	8,000	9,000	14,000	13,000	6,000	15,000	8,000	11,000
Scientists	34,000	28,000	24,000	7,000	9,000	13,000	12,000	6,000	13,000	7,000	10,000
Biological/agricultural/other life scientists	10,000	8,000	7,000	2,000	3,000	7,000	7,000	2,000	5,000	3,000	4,000
Agricultural/food scientists	4,000	3,000	3,000	500	1,000	2,000	2,000	S	2,000	1,000	1,000
Biological/medical scientists	9,000	6,000	5,000	1,000	2,000	6,000	6,000	*	4,000	2,000	3,000
Environmental life scientists	4,000	3,000	3,000	1,000	1,000	1,000	1,000	S	3,000	2,000	2,000
Postsecondary teachers-life/related sciences	3,000	S	S	S	S	3,000	2,000	2,000	S	S	S
Computer/mathematical scientists	27,000	25,000	22,000	5,000	6,000	8,000	7,000	4,000	9,000	6,000	6,000
Computer/information scientists	26,000	24,000	22,000	5,000	7,000	7,000	6,000	3,000	8,000	5,000	5,000
Mathematical scientists	6,000	4,000	4,000	1,000	1,000	1,000	1,000	1,000	3,000	2,000	2,000
Postsecondary teachers-computer/mathematical sciences	4,000	500	500	500	S	4,000	4,000	3,000	S	S	S
Physical/related scientists	9,000	8,000	7,000	1,000	1,000	4,000	4,000	1,000	4,000	2,000	4,000
Chemists, except biochemists	6,000	6,000	6,000	500	500	1,000	1,000	S	1,000	1,000	1,000
Earth/atmospheric/ocean scientists	5,000	4,000	4,000	1,000	500	1,000	1,000	S	2,000	1,000	2,000
Physicists/astronomers	2,000	2,000	1,000	500	500	1,000	1,000	S	500	500	500
Postsecondary teachers-physical/related sciences	3,000	*	S	S	S	3,000	3,000	1,000	S	S	S
Other physical/related scientists	4,000	2,000	2,000	1,000	500	2,000	2,000	S	3,000	1,000	3,000
Social/related scientists	14,000	11,000	8,000	4,000	5,000	6,000	5,000	4,000	6,000	3,000	5,000
Economists	3,000	3,000	2,000	2,000	500	1,000	1,000	S	2,000	1,000	1,000
Political/related scientists	2,000	2,000	1,000	*	1,000	500	500	S	2,000	1,000	2,000
Postsecondary teachers-social/related sciences	4,000	1,000	*	S	S	4,000	3,000	2,000	*	S	*
Psychologists	6,000	5,000	3,000	3,000	2,000	4,000	3,000	3,000	2,000	1,000	2,000
Sociologists/anthropologists	3,000	2,000	2,000	1,000	1,000	1,000	1,000	S	1,000	1,000	500
Other social/related scientists	9,000	8,000	6,000	3,000	5,000	2,000	2,000	500	4,000	1,000	4,000
Engineers	18,000	17,000	17,000	5,000	3,000	3,000	3,000	1,000	7,000	5,000	5,000
Aerospace/aeronautical/astronautical engineers	5,000	4,000	4,000	2,000	500	1,000	500	S	2,000	2,000	*
Chemical engineers	3,000	3,000	3,000	1,000	1,000	500	500	S	2,000	2,000	S
Civil/architectural/sanitary engineers	8,000	7,000	6,000	2,000	1,000	500	500	S	4,000	2,000	4,000
Electrical/computer hardware engineers	8,000	8,000	8,000	1,000	1,000	1,000	1,000	S	2,000	2,000	1,000
Industrial engineers	5,000	5,000	4,000	1,000	1,000	500	500	S	1,000	1,000	500
Mechanical engineers	7,000	7,000	7,000	1,000	1,000	1,000	1,000	S	2,000	2,000	1,000
Postsecondary teachers-engineering	2,000	S	S	S	S	2,000	2,000	1,000	S	S	S
Other engineers	12,000	12,000	12,000	2,000	2,000	1,000	1,000	S	4,000	3,000	3,000
S&E-related occupations	48,000	37,000	34,000	15,000	20,000	27,000	18,000	23,000	18,000	10,000	15,000
Health-related occupations	32,000	30,000	29,000	13,000	20,000	18,000	17,000	9,000	15,000	9,000	13,000
S&E managers	14,000	13,000	12,000	2,000	4,000	3,000	3,000	1,000	6,000	3,000	5,000

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
S&E precollege teachers	21,000	2,000	1,000	S	S	21,000	S	21,000	1,000	S	1,000
S&E technicians/technologists	15,000	14,000	13,000	4,000	2,000	4,000	3,000	2,000	6,000	3,000	5,000
Other S&E-related occupations	10,000	10,000	9,000	5,000	3,000	1,000	1,000	1,000	2,000	1,000	2,000
Non-S&E occupations	70,000	60,000	61,000	22,000	20,000	29,000	13,000	26,000	25,000	15,000	20,000
Art/humanities/related occupations	17,000	17,000	14,000	7,000	3,000	4,000	4,000	1,000	4,000	3,000	3,000
Management-related occupations	34,000	31,000	28,000	8,000	9,000	8,000	7,000	4,000	12,000	8,000	9,000
Non-S&E managers	26,000	23,000	22,000	2,000	5,000	9,000	4,000	8,000	8,000	5,000	6,000
Non-S&E postsecondary teachers	7,000	1,000	1,000	S	*	7,000	6,000	3,000	2,000	1,000	1,000
Non-S&E precollege/other teachers	21,000	5,000	2,000	2,000	4,000	21,000	1,000	21,000	2,000	S	2,000
Sales/marketing occupations	32,000	32,000	31,000	11,000	6,000	3,000	3,000	S	3,000	2,000	3,000
Social services/related occupations	17,000	14,000	6,000	4,000	12,000	8,000	4,000	7,000	10,000	2,000	9,000
Other non-S&E occupations	41,000	37,000	35,000	14,000	12,000	12,000	8,000	9,000	20,000	12,000	15,000
Bachelor's degrees, all occupations	69,000	61,000	62,000	20,000	26,000	30,000	20,000	24,000	30,000	16,000	24,000
S&E occupations	32,000	29,000	28,000	6,000	7,000	9,000	9,000	4,000	12,000	6,000	9,000
Scientists	27,000	24,000	22,000	5,000	7,000	9,000	9,000	3,000	10,000	5,000	8,000
Biological/agricultural/other life scientists	9,000	7,000	6,000	2,000	1,000	6,000	6,000	1,000	4,000	2,000	3,000
Agricultural/food scientists	3,000	3,000	3,000	S	S	1,000	1,000	S	2,000	1,000	1,000
Biological/medical scientists	7,000	5,000	4,000	1,000	1,000	5,000	5,000	S	3,000	1,000	3,000
Environmental life scientists	4,000	3,000	2,000	S	500	S	S	S	2,000	2,000	1,000
Postsecondary teachers-life/related sciences	2,000	S	S	S	S	2,000	1,000	S	S	S	S
Computer/mathematical scientists	24,000	23,000	21,000	4,000	6,000	6,000	5,000	3,000	6,000	4,000	4,000
Computer/information scientists	23,000	22,000	20,000	4,000	6,000	5,000	4,000	3,000	6,000	4,000	4,000
Mathematical scientists	5,000	4,000	3,000	S	S	1,000	1,000	S	2,000	2,000	1,000
Postsecondary teachers-computer/mathematical sciences	2,000	S	S	S	S	2,000	2,000	2,000	S	S	S
Physical/related scientists	8,000	7,000	6,000	1,000	500	3,000	3,000	S	4,000	1,000	3,000
Chemists, except biochemists	6,000	5,000	5,000	*	*	1,000	1,000	S	1,000	500	1,000
Earth/atmospheric/ocean scientists	3,000	3,000	3,000	1,000	S	1,000	1,000	S	2,000	1,000	2,000
Physicists/astronomers	1,000	1,000	1,000	S	S	1,000	1,000	S	*	*	S
Postsecondary teachers-physical/related sciences	2,000	S	S	S	S	2,000	2,000	S	S	S	S
Other physical/related scientists	4,000	2,000	2,000	S	S	2,000	2,000	S	3,000	500	3,000
Social/related scientists	8,000	7,000	5,000	2,000	4,000	3,000	3,000	2,000	4,000	1,000	4,000
Economists	2,000	2,000	1,000	S	S	500	500	S	500	500	500
Political/related scientists	2,000	2,000	1,000	S	1,000	S	S	S	1,000	500	1,000
Postsecondary teachers-social/related sciences	2,000	S	S	S	S	2,000	1,000	1,000	S	S	S
Psychologists	3,000	2,000	2,000	S	S	2,000	2,000	1,000	1,000	S	S
Sociologists/anthropologists	2,000	2,000	2,000	S	S	1,000	1,000	S	1,000	S	S
Other social/related scientists	6,000	6,000	4,000	2,000	4,000	2,000	2,000	S	3,000	1,000	3,000

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
Engineers	17,000	16,000	15,000	3,000	2,000	2,000	2,000	1,000	6,000	4,000	5,000
Aerospace/aeronautical/astronautical engineers	4,000	3,000	3,000	S	*	1,000	*	S	1,000	1,000	S
Chemical engineers	3,000	2,000	2,000	500	S	500	500	S	2,000	2,000	S
Civil/architectural/sanitary engineers	7,000	6,000	6,000	2,000	S	500	500	S	4,000	2,000	4,000
Electrical/computer hardware engineers	7,000	7,000	7,000	1,000	1,000	1,000	1,000	S	2,000	2,000	1,000
Industrial engineers	4,000	4,000	4,000	1,000	1,000	500	500	S	1,000	1,000	500
Mechanical engineers	6,000	6,000	5,000	1,000	1,000	1,000	1,000	S	1,000	1,000	1,000
Postsecondary teachers-engineering	1,000	S	S	S	S	1,000	1,000	500	S	S	S
Other engineers	11,000	11,000	10,000	2,000	2,000	1,000	1,000	S	3,000	3,000	3,000
S&E-related occupations	39,000	32,000	29,000	9,000	18,000	21,000	14,000	16,000	14,000	7,000	13,000
Health-related occupations	31,000	27,000	25,000	7,000	17,000	14,000	13,000	7,000	12,000	7,000	11,000
S&E managers	12,000	11,000	10,000	2,000	4,000	2,000	2,000	S	4,000	1,000	3,000
S&E precollege teachers	14,000	S	S	S	S	14,000	S	14,000	S	S	S
S&E technicians/technologists	14,000	13,000	12,000	3,000	2,000	3,000	3,000	1,000	5,000	3,000	4,000
Other S&E-related occupations	9,000	8,000	7,000	4,000	1,000	1,000	1,000	S	2,000	1,000	1,000
Non-S&E occupations	58,000	52,000	52,000	17,000	15,000	21,000	9,000	19,000	21,000	13,000	17,000
Art/humanities/related occupations	14,000	13,000	11,000	5,000	2,000	2,000	2,000	1,000	3,000	1,000	3,000
Management-related occupations	28,000	26,000	24,000	7,000	7,000	6,000	5,000	3,000	8,000	6,000	6,000
Non-S&E managers	21,000	19,000	18,000	2,000	3,000	4,000	2,000	3,000	6,000	4,000	4,000
Non-S&E postsecondary teachers	3,000	1,000	1,000	S	S	3,000	3,000	1,000	1,000	S	S
Non-S&E precollege/other teachers	17,000	4,000	2,000	2,000	3,000	17,000	500	17,000	1,000	S	1,000
Sales/marketing occupations	28,000	28,000	26,000	10,000	5,000	3,000	3,000	S	3,000	2,000	3,000
Social services/related occupations	12,000	8,000	3,000	1,000	8,000	4,000	3,000	3,000	7,000	S	7,000
Other non-S&E occupations	36,000	32,000	30,000	10,000	11,000	8,000	5,000	6,000	17,000	10,000	13,000
Master's degrees, all occupations	47,000	38,000	33,000	12,000	16,000	26,000	13,000	22,000	19,000	11,000	15,000
S&E occupations	20,000	16,000	15,000	6,000	5,000	9,000	7,000	5,000	8,000	6,000	5,000
Scientists	18,000	14,000	13,000	5,000	5,000	8,000	7,000	5,000	7,000	5,000	5,000
Biological/agricultural/other life scientists	5,000	3,000	2,000	1,000	2,000	3,000	3,000	1,000	2,000	2,000	2,000
Agricultural/food scientists	2,000	1,000	1,000	S	S	2,000	2,000	S	1,000	1,000	S
Biological/medical scientists	4,000	3,000	2,000	S	2,000	2,000	2,000	S	2,000	1,000	2,000
Environmental life scientists	2,000	1,000	S	S	1,000	S	S	S	1,000	1,000	1,000
Postsecondary teachers-life/related sciences	2,000	S	S	S	S	2,000	1,000	1,000	S	S	S
Computer/mathematical scientists	14,000	12,000	11,000	2,000	2,000	5,000	4,000	3,000	5,000	4,000	3,000
Computer/information scientists	13,000	12,000	11,000	2,000	2,000	4,000	4,000	2,000	5,000	4,000	3,000
Mathematical scientists	3,000	2,000	2,000	S	500	1,000	1,000	S	1,000	1,000	1,000
Postsecondary teachers-computer/mathematical sciences	3,000	S	S	S	S	3,000	2,000	2,000	S	S	S

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003

Level of highest degree and occupation	Employed scientists and engineers	Business/industry						Educational institution			Government		
		Total		Self- employed		Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local	
		Profit											
Physical/related scientists	5,000	4,000	4,000	1,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000		
Chemists, except biochemists	3,000	2,000	2,000	S	S	1,000	1,000	S	1,000	1,000	500		
Earth/atmospheric/ocean scientists	3,000	3,000	3,000	1,000	S	1,000	1,000	S	1,000	1,000	500		
Physicists/astronomers	1,000	1,000	1,000	S	S	500	500	S	500	500	S		
Postsecondary teachers-physical/related sciences	2,000	S	S	S	S	2,000	2,000	1,000	S	S	S		
Other physical/related scientists	1,000	1,000	1,000	S	500	S	S	S	1,000	1,000	1,000		
Social/related scientists	10,000	8,000	5,000	4,000	3,000	5,000	3,000	3,000	4,000	2,000	3,000		
Economists	3,000	2,000	2,000	S	500	1,000	1,000	S	2,000	1,000	1,000		
Political/related scientists	1,000	1,000	S	S	S	*	*	S	1,000	1,000	S		
Postsecondary teachers-social/related sciences	2,000	S	S	S	S	2,000	2,000	2,000	S	S	S		
Psychologists	6,000	4,000	2,000	2,000	2,000	3,000	2,000	3,000	2,000	1,000	2,000		
Sociologists/anthropologists	2,000	1,000	500	1,000	S	1,000	1,000	S	500	S	500		
Other social/related scientists	6,000	5,000	4,000	2,000	2,000	1,000	1,000	S	2,000	1,000	2,000		
Engineers	9,000	9,000	9,000	3,000	2,000	2,000	2,000	1,000	4,000	3,000	2,000		
Aerospace/aeronautical/astronautical engineers	4,000	3,000	2,000	S	S	500	500	S	2,000	2,000	S		
Chemical engineers	2,000	2,000	2,000	S	S	500	500	S	S	S	S		
Civil/architectural/sanitary engineers	3,000	3,000	3,000	1,000	S	500	500	S	2,000	1,000	2,000		
Electrical/computer hardware engineers	5,000	5,000	5,000	1,000	1,000	1,000	1,000	S	1,000	1,000	1,000		
Industrial engineers	3,000	3,000	2,000	S	S	*	*	S	1,000	1,000	S		
Mechanical engineers	4,000	4,000	4,000	500	500	1,000	1,000	S	1,000	1,000	*		
Postsecondary teachers-engineering	1,000	S	S	S	S	1,000	1,000	1,000	S	S	S		
Other engineers	6,000	6,000	5,000	1,000	1,000	1,000	1,000	S	2,000	1,000	1,000		
S&E-related occupations	23,000	17,000	15,000	7,000	10,000	15,000	7,000	13,000	8,000	5,000	7,000		
Health-related occupations	16,000	15,000	11,000	6,000	9,000	9,000	6,000	6,000	6,000	4,000	5,000		
S&E managers	7,000	6,000	5,000	S	2,000	2,000	2,000	S	4,000	3,000	3,000		
S&E precollege teachers	12,000	2,000	S	S	S	12,000	S	12,000	500	S	S		
S&E technicians/technologists	6,000	5,000	5,000	1,000	1,000	2,000	1,000	S	2,000	1,000	2,000		
Other S&E-related occupations	5,000	5,000	4,000	3,000	S	S	S	S	1,000	S	1,000		
Non-S&E occupations	38,000	31,000	28,000	10,000	12,000	20,000	9,000	18,000	14,000	8,000	12,000		
Art/humanities/related occupations	8,000	8,000	6,000	4,000	2,000	3,000	3,000	S	2,000	2,000	1,000		
Management-related occupations	16,000	14,000	14,000	5,000	4,000	5,000	4,000	3,000	7,000	5,000	5,000		
Non-S&E managers	13,000	11,000	11,000	S	4,000	7,000	3,000	6,000	5,000	3,000	4,000		
Non-S&E postsecondary teachers	6,000	S	S	S	S	6,000	5,000	3,000	1,000	S	1,000		
Non-S&E precollege/other teachers	14,000	3,000	1,000	1,000	2,000	14,000	1,000	14,000	1,000	S	1,000		
Sales/marketing occupations	16,000	16,000	14,000	5,000	3,000	S	S	S	1,000	S	S		
Social services/related occupations	12,000	10,000	5,000	3,000	7,000	7,000	3,000	6,000	6,000	2,000	6,000		
Other non-S&E occupations	18,000	16,000	14,000	6,000	5,000	7,000	5,000	5,000	9,000	5,000	7,000		
Doctorate degrees, all occupations	11,000	7,000	6,000	2,000	3,000	9,000	7,000	5,000	3,000	2,000	2,000		

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
S&E occupations	5,000	3,000	3,000	1,000	1,000	4,000	4,000	1,000	2,000	2,000	1,000
Scientists	5,000	3,000	2,000	1,000	1,000	4,000	4,000	1,000	2,000	2,000	1,000
Biological/agricultural/other life scientists	3,000	1,000	1,000	500	1,000	3,000	3,000	500	1,000	1,000	500
Agricultural/food scientists	500	500	500	*	*	500	500	S	500	500	*
Biological/medical scientists	3,000	1,000	1,000	500	1,000	2,000	2,000	*	1,000	1,000	500
Environmental life scientists	500	*	S	S	*	500	500	S	500	500	S
Postsecondary teachers-life/related sciences	1,000	S	S	S	S	1,000	1,000	500	S	S	S
Computer/mathematical scientists	3,000	2,000	2,000	1,000	500	3,000	3,000	500	1,000	500	1,000
Computer/information scientists	2,000	2,000	1,000	1,000	500	1,000	1,000	*	1,000	500	500
Mathematical scientists	1,000	500	500	*	500	500	500	S	500	500	*
Postsecondary teachers-computer/mathematical sciences	2,000	S	S	S	S	2,000	2,000	500	S	S	S
Physical/related scientists	2,000	1,000	1,000	500	500	1,000	1,000	500	1,000	1,000	500
Chemists, except biochemists	1,000	1,000	1,000	500	500	1,000	1,000	S	500	500	500
Earth/atmospheric/ocean scientists	1,000	500	500	*	*	500	500	S	500	500	500
Physicists/astronomers	1,000	1,000	500	*	500	1,000	1,000	S	500	500	*
Postsecondary teachers-physical/related sciences	1,000	S	S	S	S	1,000	1,000	500	S	S	S
Other physical/related scientists	1,000	500	500	*	500	1,000	1,000	S	500	*	*
Social/related scientists	2,000	1,000	1,000	1,000	1,000	2,000	2,000	1,000	1,000	500	500
Economists	500	500	500	500	500	500	500	S	500	500	*
Political/related scientists	500	*	*	S	*	500	500	S	*	*	S
Postsecondary teachers-social/related sciences	2,000	*	S	S	S	2,000	2,000	1,000	S	S	S
Psychologists	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500	500
Sociologists/anthropologists	1,000	1,000	500	*	1,000	500	500	S	500	500	*
Other social/related scientists	1,000	1,000	500	*	500	500	500	S	500	500	*
Engineers	2,000	2,000	2,000	500	500	1,000	1,000	*	1,000	500	500
Aerospace/aeronautical/astronautical engineers	1,000	1,000	1,000	S	*	*	*	S	500	500	S
Chemical engineers	1,000	1,000	1,000	*	*	500	500	S	*	*	S
Civil/architectural/sanitary engineers	500	500	500	*	*	500	500	S	500	*	500
Electrical/computer hardware engineers	1,000	1,000	1,000	500	500	500	500	S	500	500	*
Industrial engineers	1,000	1,000	1,000	S	S	*	*	S	S	S	S
Mechanical engineers	500	500	500	*	*	500	500	S	500	500	*
Postsecondary teachers-engineering	1,000	S	S	S	S	1,000	1,000	*	S	S	S
Other engineers	1,000	1,000	1,000	500	500	500	500	S	500	500	500
S&E-related occupations	5,000	3,000	2,000	1,000	2,000	3,000	2,000	3,000	2,000	500	2,000
Health-related occupations	3,000	3,000	1,000	1,000	2,000	2,000	2,000	500	1,000	500	1,000
S&E managers	1,000	1,000	1,000	*	500	500	500	*	500	500	500
S&E precollege teachers	3,000	S	S	S	S	3,000	S	3,000	S	S	S

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
S&E technicians/technologists	1,000	1,000	1,000	*	*	1,000	1,000	S	*	*	*
Other S&E-related occupations	2,000	1,000	1,000	S	S	S	S	S	*	S	S
Non-S&E occupations	8,000	5,000	5,000	1,000	2,000	6,000	5,000	4,000	1,000	1,000	1,000
Art/humanities/related occupations	1,000	1,000	1,000	1,000	500	500	500	S	500	*	*
Management-related occupations	4,000	2,000	2,000	500	1,000	3,000	3,000	1,000	1,000	1,000	500
Non-S&E managers	4,000	2,000	2,000	500	1,000	3,000	2,000	3,000	1,000	500	1,000
Non-S&E postsecondary teachers	3,000	*	S	S	S	3,000	3,000	1,000	S	S	S
Non-S&E precollege/other teachers	2,000	500	*	S	S	2,000	S	2,000	S	S	S
Sales/marketing occupations	3,000	3,000	3,000	1,000	1,000	*	*	S	S	S	S
Social services/related occupations	2,000	2,000	500	500	2,000	1,000	1,000	500	500	*	500
Other non-S&E occupations	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000

* = 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. Four-year college/university includes medical schools and university-affiliated research institutes. Other educational institution includes 2-year colleges, precollege institutions, and other educational institutions. 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.