

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
All degree levels and occupations <sup>a</sup>	1,000	1,000	500	500	1,000	1,000
<30	500	500	1,000	2,000	3,000	500
30-39	500	1,000	500	500	2,000	500
40-49	1,000	1,000	1,000	1,000	1,000	2,000
50-59	1,000	1,000	1,000	1,000	2,000	2,000
60+	2,000	3,000	2,000	3,000	2,000	500
S&E occupations	1,000	500	1,000	500	1,000	500
<30	1,000	1,000	1,000	1,000	2,000	1,000
30-39	500	500	2,000	1,000	1,000	1,000
40-49	1,000	2,000	2,000	2,000	1,000	1,000
50-59	1,000	500	1,000	500	1,000	2,000
60+	1,000	1,000	3,000	3,000	3,000	3,000
Scientists	1,000	1,000	1,000	1,000	1,000	1,000
<30	1,000	500	1,000	1,000	3,000	2,000
30-39	1,000	1,000	2,000	1,000	1,000	3,000
40-49	500	2,000	1,000	3,000	2,000	4,000
50-59	1,000	2,000	3,000	1,000	2,000	2,000
60+	3,000	4,000	3,000	3,000	7,000	5,000
Biological/agricultural/other life scientists	2,000	1,000	3,000	2,000	3,000	1,000
<30	1,000	2,000	3,000	1,000	1,000	4,000
30-39	1,000	2,000	1,000	2,000	2,000	3,000
40-49	2,000	3,000	2,000	4,000	6,000	2,000
50-59	2,000	3,000	4,000	3,000	1,000	6,000
60+	5,000	7,000	6,000	9,000	S	10,000
Agricultural/food scientists	2,000	3,000	12,000	2,000	6,000	4,000
<30	8,000	11,000	S	4,000	S	S
30-39	1,000	1,000	S	8,000	S	S
40-49	5,000	7,000	S	5,000	S	18,000
50-59	10,000	6,000	S	13,000	S	20,000
60+	4,000	20,000	S	5,000	S	S
Biological/medical scientists	2,000	2,000	12,000	5,000	3,000	3,000
<30	2,000	1,000	3,000	3,000	2,000	2,000
30-39	2,000	1,000	5,000	5,000	5,000	2,000
40-49	2,000	2,000	9,000	4,000	2,000	4,000
50-59	5,000	5,000	6,000	2,000	3,000	9,000
60+	12,000	13,000	41,000	23,000	S	9,000
Environmental life scientists	4,000	4,000	S	4,000	7,000	8,000
<30	1,000	S	S	S	S	S
30-39	8,000	9,000	S	5,000	S	S
40-49	7,000	16,000	S	6,000	S	5,000
50-59	8,000	8,000	S	10,000	S	13,000
60+	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	3,000	3,000	2,000	4,000	S	10,000
<30	4,000	2,000	6,000	S	S	S
30-39	2,000	4,000	1,000	3,000	S	6,000
40-49	2,000	4,000	2,000	5,000	S	17,000
50-59	5,000	4,000	4,000	4,000	S	4,000
60+	5,000	4,000	6,000	16,000	S	10,000
Computer/mathematical scientists	1,000	1,000	2,000	1,000	500	2,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	1,000	2,000	4,000	2,000	1,000	1,000
30-39	1,000	1,000	3,000	500	1,000	2,000
40-49	500	3,000	4,000	3,000	500	4,000
50-59	1,000	1,000	3,000	2,000	2,000	4,000
60+	6,000	7,000	3,000	4,000	8,000	12,000
Computer/information scientists	500	2,000	4,000	1,000	500	2,000
<30	1,000	1,000	2,000	3,000	3,000	4,000
30-39	500	2,000	5,000	1,000	500	2,000
40-49	1,000	3,000	11,000	3,000	500	4,000
50-59	2,000	500	9,000	2,000	2,000	5,000
60+	4,000	7,000	9,000	5,000	8,000	18,000
Mathematical scientists	6,000	5,000	49,000	7,000	10,000	10,000
<30	3,000	4,000	S	4,000	2,000	S
30-39	5,000	5,000	S	14,000	11,000	S
40-49	6,000	5,000	S	7,000	16,000	13,000
50-59	8,000	11,000	S	10,000	12,000	11,000
60+	20,000	25,000	S	S	24,000	S
Postsecondary teachers-computer/mathematical sciences	1,000	4,000	2,000	4,000	5,000	8,000
<30	14,000	7,000	16,000	S	S	S
30-39	2,000	4,000	2,000	4,000	5,000	S
40-49	5,000	5,000	4,000	6,000	18,000	S
50-59	4,000	3,000	5,000	3,000	9,000	56,000
60+	5,000	10,000	6,000	18,000	22,000	9,000
Physical/related scientists	2,000	1,000	3,000	3,000	3,000	2,000
<30	2,000	2,000	1,000	2,000	2,000	3,000
30-39	1,000	2,000	3,000	3,000	6,000	3,000
40-49	2,000	4,000	4,000	3,000	6,000	7,000
50-59	3,000	4,000	3,000	2,000	8,000	4,000
60+	3,000	8,000	5,000	8,000	4,000	14,000
Chemists, except biochemists	1,000	4,000	5,000	3,000	7,000	2,000
<30	2,000	4,000	S	1,000	1,000	2,000
30-39	3,000	3,000	S	5,000	12,000	1,000
40-49	4,000	6,000	S	9,000	5,000	7,000
50-59	3,000	3,000	S	2,000	S	6,000
60+	8,000	8,000	S	9,000	S	17,000
Earth/atmospheric/ocean scientists	3,000	4,000	15,000	3,000	3,000	4,000
<30	4,000	4,000	S	5,000	4,000	5,000
30-39	4,000	3,000	S	5,000	6,000	9,000
40-49	7,000	6,000	S	2,000	10,000	6,000
50-59	8,000	9,000	S	6,000	13,000	6,000
60+	14,000	11,000	S	11,000	S	S
Physicists/astronomers	6,000	5,000	2,000	4,000	10,000	18,000
<30	500	1,000	S	S	1,000	S
30-39	6,000	5,000	S	44,000	5,000	15,000
40-49	3,000	4,000	S	15,000	3,000	S
50-59	3,000	8,000	S	8,000	19,000	S
60+	10,000	12,000	S	20,000	5,000	S
Postsecondary teachers-physical/related sciences	2,000	3,000	3,000	2,000	12,000	2,000
<30	1,000	1,000	1,000	3,000	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
30-39	2,000	2,000	2,000	24,000	S	2,000
40-49	4,000	1,000	4,000	6,000	S	1,000
50-59	2,000	4,000	2,000	4,000	S	5,000
60+	5,000	8,000	6,000	15,000	S	16,000
Other physical/related scientists	5,000	4,000	S	4,000	5,000	8,000
<30	500	3,000	S	S	S	S
30-39	5,000	5,000	S	4,000	S	4,000
40-49	10,000	10,000	S	17,000	S	17,000
50-59	8,000	18,000	S	7,000	S	10,000
60+	10,000	S	S	S	S	S
Social/related scientists	500	1,000	2,000	2,000	1,000	500
<30	4,000	3,000	3,000	2,000	13,000	2,000
30-39	2,000	2,000	1,000	4,000	6,000	4,000
40-49	4,000	4,000	2,000	5,000	9,000	2,000
50-59	2,000	3,000	2,000	4,000	12,000	2,000
60+	6,000	8,000	4,000	8,000	16,000	4,000
Economists	5,000	6,000	35,000	9,000	14,000	20,000
<30	9,000	15,000	S	S	S	S
30-39	17,000	2,000	S	22,000	11,000	22,000
40-49	8,000	1,000	S	28,000	S	63,000
50-59	13,000	16,000	S	26,000	S	53,000
60+	16,000	29,000	S	22,000	S	20,000
Political/related scientists	2,000	1,000	S	9,000	S	6,000
<30	2,000	8,000	S	S	S	S
30-39	7,000	4,000	S	S	S	S
40-49	5,000	S	S	S	S	S
50-59	23,000	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	2,000	2,000	2,000	3,000	7,000	5,000
<30	1,000	1,000	1,000	S	S	S
30-39	1,000	2,000	2,000	15,000	S	1,000
40-49	2,000	2,000	2,000	2,000	S	33,000
50-59	2,000	2,000	2,000	6,000	S	4,000
60+	5,000	5,000	4,000	7,000	S	5,000
Psychologists	1,000	1,000	3,000	3,000	6,000	500
<30	2,000	5,000	S	3,000	S	4,000
30-39	1,000	3,000	13,000	3,000	S	2,000
40-49	5,000	7,000	3,000	8,000	S	4,000
50-59	3,000	3,000	16,000	1,000	S	4,000
60+	2,000	11,000	9,000	8,000	S	1,000
Sociologists/anthropologists	6,000	6,000	31,000	6,000	S	21,000
<30	10,000	10,000	S	S	S	S
30-39	13,000	14,000	S	12,000	S	S
40-49	8,000	6,000	S	11,000	S	S
50-59	5,000	5,000	S	6,000	S	S
60+	4,000	2,000	S	S	S	S
Other social/related scientists	2,000	3,000	S	3,000	7,000	5,000
<30	1,000	3,000	S	1,000	S	2,000
30-39	4,000	1,000	S	5,000	S	7,000

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(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity					Other
		Research and development	Teaching	Management, sales, administration	Computer applications		
40-49	8,000	9,000	S	4,000	S	17,000	
50-59	5,000	4,000	S	11,000	S	13,000	
60+	14,000	14,000	S	4,000	S	S	
Engineers	1,000	1,000	2,000	500	500	500	
<30	1,000	1,000	3,000	1,000	1,000	2,000	
30-39	1,000	500	3,000	1,000	3,000	2,000	
40-49	1,000	2,000	3,000	2,000	1,000	2,000	
50-59	1,000	2,000	3,000	3,000	1,000	3,000	
60+	2,000	4,000	7,000	3,000	5,000	6,000	
Aerospace/aeronautical/astronautical engineers	3,000	3,000	S	3,000	2,000	3,000	
<30	3,000	1,000	S	3,000	5,000	6,000	
30-39	1,000	3,000	S	3,000	6,000	10,000	
40-49	3,000	1,000	S	4,000	2,000	8,000	
50-59	2,000	2,000	S	5,000	5,000	1,000	
60+	3,000	2,000	S	3,000	S	S	
Chemical engineers	2,000	3,000	S	3,000	5,000	3,000	
<30	1,000	2,000	S	1,000	2,000	1,000	
30-39	2,000	2,000	S	5,000	11,000	2,000	
40-49	5,000	4,000	S	5,000	9,000	4,000	
50-59	3,000	4,000	S	8,000	2,000	13,000	
60+	10,000	8,000	S	16,000	S	S	
Civil/architectural/sanitary engineers	2,000	1,000	S	2,000	2,000	2,000	
<30	1,000	2,000	S	2,000	2,000	2,000	
30-39	2,000	1,000	S	3,000	3,000	6,000	
40-49	1,000	3,000	S	3,000	2,000	4,000	
50-59	2,000	2,000	S	2,000	11,000	6,000	
60+	5,000	5,000	S	4,000	13,000	20,000	
Electrical/computer hardware engineers	1,000	1,000	7,000	3,000	2,000	1,000	
<30	1,000	3,000	S	3,000	1,000	1,000	
30-39	1,000	2,000	S	2,000	3,000	2,000	
40-49	2,000	2,000	S	2,000	1,000	4,000	
50-59	2,000	2,000	S	5,000	4,000	1,000	
60+	6,000	4,000	S	8,000	6,000	14,000	
Industrial engineers	2,000	3,000	S	2,000	3,000	4,000	
<30	1,000	3,000	S	2,000	6,000	1,000	
30-39	2,000	3,000	S	4,000	5,000	2,000	
40-49	3,000	4,000	S	3,000	2,000	6,000	
50-59	5,000	5,000	S	4,000	S	6,000	
60+	5,000	S	S	S	S	S	
Mechanical engineers	1,000	1,000	4,000	1,000	1,000	1,000	
<30	1,000	1,000	S	3,000	3,000	7,000	
30-39	1,000	1,000	S	3,000	500	3,000	
40-49	1,000	1,000	S	2,000	5,000	3,000	
50-59	3,000	2,000	S	4,000	5,000	4,000	
60+	4,000	6,000	S	7,000	32,000	7,000	
Postsecondary teachers-engineering	2,000	4,000	1,000	4,000	15,000	11,000	
<30	2,000	4,000	3,000	S	S	S	
30-39	3,000	4,000	5,000	9,000	S	S	
40-49	1,000	3,000	1,000	2,000	S	S	

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50-59	3,000	4,000	4,000	7,000	S	S
60+	6,000	2,000	8,000	29,000	S	S
Other engineers	2,000	1,000	10,000	2,000	4,000	2,000
<30	2,000	3,000	S	4,000	6,000	500
30-39	2,000	2,000	S	2,000	7,000	4,000
40-49	2,000	4,000	S	3,000	7,000	3,000
50-59	3,000	4,000	S	2,000	12,000	5,000
60+	6,000	10,000	S	6,000	23,000	10,000
S&E-related occupations	1,000	1,000	500	500	2,000	1,000
<30	1,000	1,000	500	500	2,000	1,000
30-39	1,000	2,000	500	2,000	2,000	500
40-49	500	1,000	1,000	2,000	3,000	500
50-59	500	4,000	1,000	2,000	1,000	1,000
60+	1,000	7,000	3,000	3,000	3,000	3,000
Health-related occupations	1,000	2,000	500	2,000	3,000	1,000
<30	500	1,000	1,000	4,000	8,000	1,000
30-39	1,000	1,000	1,000	2,000	8,000	500
40-49	1,000	2,000	1,000	1,000	4,000	1,000
50-59	1,000	5,000	2,000	1,000	3,000	2,000
60+	4,000	15,000	8,000	4,000	9,000	2,000
S&E managers	1,000	3,000	12,000	2,000	1,000	4,000
<30	4,000	19,000	S	3,000	S	S
30-39	3,000	6,000	S	2,000	6,000	5,000
40-49	2,000	2,000	S	2,000	4,000	4,000
50-59	1,000	7,000	S	1,000	8,000	8,000
60+	4,000	15,000	S	4,000	S	2,000
S&E precollege teachers	1,000	1,000	1,000	1,000	3,000	3,000
<30	1,000	2,000	1,000	1,000	4,000	3,000
30-39	1,000	2,000	1,000	2,000	5,000	2,000
40-49	2,000	2,000	1,000	1,000	3,000	8,000
50-59	500	2,000	500	1,000	3,000	4,000
60+	2,000	15,000	3,000	4,000	S	S
S&E technicians/technologists	1,000	3,000	8,000	1,000	3,000	2,000
<30	2,000	3,000	S	4,000	6,000	3,000
30-39	2,000	2,000	S	4,000	3,000	3,000
40-49	3,000	4,000	S	1,000	3,000	3,000
50-59	1,000	5,000	S	4,000	3,000	1,000
60+	10,000	13,000	S	21,000	7,000	3,000
Other S&E-related occupations	1,000	3,000	S	3,000	5,000	3,000
<30	3,000	4,000	S	6,000	5,000	S
30-39	3,000	2,000	S	3,000	11,000	4,000
40-49	4,000	6,000	S	4,000	S	7,000
50-59	8,000	10,000	S	8,000	S	5,000
60+	11,000	7,000	S	8,000	S	S
Non-S&E occupations	500	1,000	1,000	500	2,000	500
<30	1,000	2,000	1,000	500	2,000	1,000
30-39	500	1,000	2,000	1,000	2,000	1,000
40-49	2,000	1,000	1,000	2,000	4,000	2,000
50-59	2,000	1,000	3,000	2,000	4,000	500

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(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
60+	3,000	5,000	5,000	2,000	3,000	3,000
Art/humanities/related occupations	3,000	5,000	3,000	4,000	7,000	3,000
<30	1,000	8,000	S	1,000	S	3,000
30-39	6,000	4,000	S	6,000	15,000	13,000
40-49	7,000	8,000	S	10,000	S	8,000
50-59	4,000	21,000	S	8,000	S	5,000
60+	6,000	19,000	S	10,000	S	10,000
Management-related occupations	2,000	4,000	5,000	2,000	5,000	3,000
<30	3,000	6,000	S	2,000	4,000	4,000
30-39	3,000	7,000	12,000	4,000	8,000	5,000
40-49	3,000	5,000	11,000	3,000	7,000	3,000
50-59	3,000	7,000	6,000	3,000	4,000	5,000
60+	3,000	18,000	S	5,000	8,000	4,000
Non-S&E managers	2,000	1,000	6,000	2,000	9,000	2,000
<30	3,000	S	S	2,000	S	S
30-39	3,000	8,000	S	3,000	29,000	8,000
40-49	3,000	9,000	5,000	3,000	14,000	5,000
50-59	3,000	11,000	7,000	3,000	19,000	13,000
60+	5,000	10,000	18,000	5,000	14,000	17,000
Non-S&E postsecondary teachers	1,000	3,000	1,000	2,000	15,000	4,000
<30	17,000	16,000	14,000	S	S	S
30-39	5,000	6,000	5,000	5,000	S	14,000
40-49	3,000	4,000	2,000	5,000	S	6,000
50-59	4,000	9,000	4,000	5,000	S	12,000
60+	5,000	9,000	5,000	8,000	S	5,000
Non-S&E precollege/other teachers	1,000	1,000	1,000	2,000	7,000	4,000
<30	2,000	4,000	1,000	2,000	S	4,000
30-39	2,000	2,000	2,000	2,000	S	4,000
40-49	2,000	5,000	2,000	3,000	10,000	5,000
50-59	2,000	4,000	2,000	5,000	10,000	3,000
60+	9,000	S	11,000	5,000	S	29,000
Sales/marketing occupations	4,000	4,000	2,000	3,000	5,000	2,000
<30	2,000	4,000	S	2,000	5,000	6,000
30-39	5,000	11,000	S	5,000	5,000	9,000
40-49	4,000	10,000	S	5,000	19,000	12,000
50-59	7,000	7,000	S	6,000	11,000	9,000
60+	5,000	4,000	S	3,000	12,000	4,000
Social services/related occupations	1,000	1,000	2,000	1,000	2,000	1,000
<30	1,000	2,000	1,000	1,000	7,000	1,000
30-39	1,000	7,000	2,000	2,000	6,000	1,000
40-49	2,000	5,000	7,000	2,000	2,000	2,000
50-59	2,000	4,000	4,000	3,000	5,000	2,000
60+	6,000	9,000	6,000	4,000	S	6,000
Other non-S&E occupations	500	2,000	2,000	1,000	3,000	1,000
<30	1,000	3,000	3,000	1,000	2,000	2,000
30-39	1,000	6,000	7,000	2,000	5,000	2,000
40-49	2,000	4,000	2,000	2,000	3,000	3,000
50-59	1,000	5,000	3,000	3,000	4,000	3,000
60+	4,000	7,000	7,000	4,000	10,000	5,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Bachelor's degrees, all occupations	500	1,000	1,000	1,000	1,000	2,000
<30	1,000	2,000	2,000	1,000	2,000	3,000
30-39	500	500	1,000	1,000	1,000	1,000
40-49	1,000	1,000	1,000	1,000	2,000	500
50-59	2,000	2,000	1,000	2,000	500	2,000
60+	2,000	7,000	5,000	1,000	4,000	2,000
S&E occupations	1,000	1,000	3,000	1,000	1,000	1,000
<30	1,000	500	2,000	2,000	1,000	1,000
30-39	500	1,000	2,000	2,000	2,000	2,000
40-49	1,000	1,000	2,000	1,000	2,000	1,000
50-59	2,000	1,000	6,000	1,000	500	2,000
60+	4,000	3,000	9,000	3,000	10,000	9,000
Scientists	500	1,000	1,000	2,000	1,000	2,000
<30	1,000	500	2,000	2,000	1,000	3,000
30-39	1,000	2,000	5,000	1,000	1,000	3,000
40-49	2,000	1,000	5,000	1,000	2,000	3,000
50-59	2,000	2,000	4,000	2,000	1,000	2,000
60+	6,000	9,000	9,000	7,000	9,000	11,000
Biological/agricultural/other life scientists	2,000	2,000	4,000	2,000	4,000	4,000
<30	1,000	3,000	4,000	2,000	8,000	3,000
30-39	2,000	2,000	S	3,000	S	2,000
40-49	3,000	3,000	S	3,000	7,000	6,000
50-59	4,000	7,000	S	4,000	S	5,000
60+	7,000	S	S	S	S	S
Agricultural/food scientists	5,000	6,000	S	3,000	S	4,000
<30	11,000	S	S	S	S	S
30-39	1,000	S	S	S	S	S
40-49	4,000	13,000	S	S	S	S
50-59	17,000	S	S	S	S	S
60+	S	S	S	S	S	S
Biological/medical scientists	1,000	3,000	3,000	3,000	3,000	3,000
<30	1,000	2,000	S	3,000	S	3,000
30-39	2,000	1,000	S	4,000	S	2,000
40-49	4,000	3,000	S	4,000	S	2,000
50-59	3,000	7,000	S	10,000	S	8,000
60+	S	S	S	S	S	S
Environmental life scientists	4,000	12,000	S	4,000	S	11,000
<30	1,000	S	S	S	S	S
30-39	11,000	S	S	S	S	S
40-49	9,000	S	S	7,000	S	S
50-59	5,000	S	S	9,000	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	6,000	3,000	6,000	S	S	S
<30	3,000	S	1,000	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Computer/mathematical scientists	1,000	2,000	3,000	1,000	1,000	2,000
<30	1,000	2,000	4,000	2,000	1,000	1,000
30-39	2,000	3,000	3,000	2,000	2,000	4,000
40-49	2,000	2,000	7,000	1,000	2,000	6,000
50-59	1,000	4,000	3,000	2,000	1,000	3,000
60+	12,000	7,000	15,000	17,000	13,000	S
Computer/information scientists	1,000	1,000	4,000	1,000	1,000	2,000
<30	1,000	1,000	2,000	2,000	500	3,000
30-39	1,000	2,000	5,000	2,000	2,000	5,000
40-49	2,000	1,000	16,000	1,000	2,000	5,000
50-59	500	4,000	9,000	2,000	1,000	3,000
60+	14,000	7,000	S	13,000	15,000	S
Mathematical scientists	7,000	8,000	S	8,000	10,000	25,000
<30	4,000	2,000	S	S	S	S
30-39	2,000	S	S	S	S	S
40-49	21,000	S	S	20,000	S	S
50-59	18,000	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	6,000	17,000	6,000	S	10,000	S
<30	1,000	S	1,000	S	S	S
30-39	S	S	S	S	S	S
40-49	15,000	S	9,000	S	S	S
50-59	5,000	S	5,000	S	S	S
60+	S	S	S	S	S	S
Physical/related scientists	1,000	2,000	5,000	3,000	2,000	2,000
<30	2,000	3,000	500	2,000	7,000	2,000
30-39	3,000	2,000	S	3,000	7,000	2,000
40-49	6,000	6,000	S	5,000	7,000	7,000
50-59	3,000	9,000	S	8,000	S	6,000
60+	5,000	4,000	S	S	S	S
Chemists, except biochemists	3,000	3,000	S	5,000	7,000	2,000
<30	2,000	4,000	S	1,000	S	1,000
30-39	2,000	1,000	S	5,000	S	2,000
40-49	5,000	8,000	S	9,000	S	9,000
50-59	6,000	5,000	S	14,000	S	2,000
60+	6,000	S	S	S	S	S
Earth/atmospheric/ocean scientists	4,000	3,000	S	2,000	2,000	4,000
<30	3,000	6,000	S	2,000	S	6,000
30-39	4,000	3,000	S	5,000	S	S
40-49	5,000	14,000	S	4,000	S	S
50-59	8,000	17,000	S	S	S	S
60+	S	S	S	S	S	S
Physicists/astronomers	6,000	4,000	S	S	5,000	S
<30	2,000	2,000	S	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	1,000	1,000	1,000	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	500	1,000	500	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other physical/related scientists	2,000	2,000	S	2,000	S	4,000
<30	1,000	S	S	S	S	S
30-39	8,000	9,000	S	S	S	S
40-49	8,000	S	S	3,000	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	2,000	2,000	4,000	2,000	5,000	3,000
<30	3,000	4,000	5,000	2,000	S	3,000
30-39	7,000	9,000	S	7,000	S	11,000
40-49	5,000	6,000	S	16,000	S	19,000
50-59	19,000	18,000	S	23,000	S	S
60+	35,000	S	S	S	S	S
Economists	11,000	12,000	S	22,000	S	S
<30	3,000	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Political/related scientists	3,000	4,000	S	S	S	S
<30	4,000	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	1,000	26,000	2,000	S	S	S
<30	1,000	S	4,000	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Psychologists	4,000	5,000	S	S	S	5,000
<30	7,000	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Sociologists/anthropologists	6,000	18,000	S	S	S	S
<30	S	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other social/related scientists	4,000	8,000	S	5,000	6,000	5,000
<30	3,000	5,000	S	3,000	S	2,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
30-39	8,000	3,000	S	7,000	S	S
40-49	11,000	S	S	14,000	S	S
50-59	13,000	12,000	S	15,000	S	S
60+	S	S	S	S	S	S
Engineers	500	500	6,000	1,000	1,000	2,000
<30	1,000	1,000	3,000	1,000	2,000	1,000
30-39	1,000	2,000	8,000	1,000	4,000	3,000
40-49	1,000	1,000	13,000	1,000	3,000	1,000
50-59	2,000	1,000	19,000	1,000	4,000	1,000
60+	3,000	5,000	S	4,000	6,000	9,000
Aerospace/aeronautical/astronautical engineers	2,000	1,000	S	4,000	4,000	3,000
<30	500	500	S	15,000	500	7,000
30-39	3,000	4,000	S	3,000	S	S
40-49	1,000	2,000	S	8,000	2,000	S
50-59	5,000	9,000	S	4,000	S	S
60+	6,000	9,000	S	S	S	S
Chemical engineers	2,000	2,000	S	4,000	5,000	5,000
<30	2,000	2,000	S	1,000	S	3,000
30-39	3,000	3,000	S	7,000	S	2,000
40-49	4,000	8,000	S	4,000	S	4,000
50-59	6,000	5,000	S	15,000	S	S
60+	S	S	S	S	S	S
Civil/architectural/sanitary engineers	1,000	1,000	S	1,000	3,000	3,000
<30	1,000	1,000	S	1,000	2,000	2,000
30-39	2,000	3,000	S	4,000	3,000	5,000
40-49	2,000	5,000	S	3,000	3,000	5,000
50-59	3,000	3,000	S	4,000	7,000	10,000
60+	7,000	9,000	S	8,000	S	32,000
Electrical/computer hardware engineers	500	500	S	2,000	2,000	2,000
<30	500	1,000	S	1,000	1,000	2,000
30-39	3,000	3,000	S	4,000	1,000	2,000
40-49	2,000	3,000	S	4,000	2,000	5,000
50-59	2,000	3,000	S	4,000	4,000	7,000
60+	7,000	7,000	S	17,000	S	S
Industrial engineers	1,000	2,000	S	2,000	3,000	4,000
<30	1,000	3,000	S	2,000	1,000	2,000
30-39	2,000	3,000	S	3,000	S	2,000
40-49	3,000	4,000	S	3,000	S	8,000
50-59	3,000	6,000	S	3,000	S	11,000
60+	S	S	S	S	S	S
Mechanical engineers	1,000	1,000	S	2,000	2,000	3,000
<30	1,000	1,000	S	3,000	4,000	6,000
30-39	2,000	2,000	S	2,000	2,000	3,000
40-49	2,000	2,000	S	1,000	13,000	4,000
50-59	3,000	2,000	S	3,000	4,000	6,000
60+	5,000	7,000	S	7,000	S	8,000
Postsecondary teachers-engineering	2,000	2,000	4,000	S	S	S
<30	2,000	8,000	2,000	S	S	S
30-39	S	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other engineers	2,000	3,000	11,000	1,000	6,000	2,000
<30	3,000	5,000	S	5,000	7,000	7,000
30-39	3,000	6,000	S	3,000	10,000	6,000
40-49	3,000	3,000	S	4,000	12,000	4,000
50-59	2,000	5,000	S	2,000	10,000	3,000
60+	11,000	13,000	S	12,000	S	28,000
S&E-related occupations	1,000	1,000	500	1,000	2,000	500
<30	1,000	2,000	1,000	2,000	2,000	2,000
30-39	1,000	2,000	2,000	500	3,000	2,000
40-49	500	3,000	1,000	2,000	3,000	2,000
50-59	1,000	3,000	3,000	2,000	4,000	1,000
60+	4,000	10,000	5,000	5,000	4,000	2,000
Health-related occupations	1,000	2,000	2,000	1,000	2,000	1,000
<30	3,000	2,000	2,000	2,000	4,000	2,000
30-39	1,000	2,000	2,000	2,000	3,000	1,000
40-49	1,000	2,000	1,000	1,000	9,000	2,000
50-59	1,000	5,000	3,000	2,000	5,000	2,000
60+	3,000	13,000	12,000	2,000	S	3,000
S&E managers	3,000	4,000	S	4,000	2,000	5,000
<30	4,000	S	S	3,000	S	S
30-39	4,000	7,000	S	3,000	7,000	7,000
40-49	3,000	4,000	S	3,000	5,000	3,000
50-59	5,000	11,000	S	5,000	6,000	16,000
60+	3,000	S	S	2,000	S	S
S&E precollege teachers	1,000	1,000	1,000	1,000	2,000	2,000
<30	1,000	2,000	500	1,000	S	S
30-39	500	2,000	500	1,000	8,000	4,000
40-49	2,000	2,000	2,000	2,000	2,000	1,000
50-59	2,000	8,000	2,000	3,000	7,000	3,000
60+	6,000	S	6,000	S	S	S
S&E technicians/technologists	2,000	1,000	9,000	2,000	500	2,000
<30	1,000	2,000	S	4,000	5,000	3,000
30-39	2,000	3,000	S	6,000	3,000	4,000
40-49	3,000	5,000	S	3,000	2,000	4,000
50-59	2,000	6,000	S	4,000	3,000	2,000
60+	8,000	14,000	S	24,000	7,000	S
Other S&E-related occupations	3,000	3,000	S	3,000	3,000	4,000
<30	3,000	5,000	S	6,000	3,000	S
30-39	3,000	3,000	S	4,000	9,000	4,000
40-49	6,000	7,000	S	2,000	S	10,000
50-59	10,000	19,000	S	10,000	S	8,000
60+	9,000	5,000	S	9,000	S	S
Non-S&E occupations	1,000	1,000	1,000	1,000	2,000	1,000
<30	500	1,000	1,000	1,000	3,000	1,000
30-39	2,000	2,000	1,000	500	2,000	1,000
40-49	3,000	5,000	1,000	2,000	3,000	3,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50-59	3,000	6,000	2,000	2,000	4,000	1,000
60+	2,000	6,000	9,000	4,000	4,000	2,000
Art/humanities/related occupations	5,000	4,000	8,000	5,000	8,000	5,000
<30	1,000	12,000	S	1,000	S	3,000
30-39	5,000	4,000	S	9,000	S	11,000
40-49	13,000	6,000	S	9,000	S	5,000
50-59	5,000	19,000	S	7,000	S	5,000
60+	S	S	S	S	S	S
Management-related occupations	1,000	3,000	8,000	1,000	5,000	4,000
<30	2,000	8,000	S	4,000	3,000	6,000
30-39	2,000	5,000	S	2,000	9,000	5,000
40-49	3,000	7,000	11,000	3,000	17,000	11,000
50-59	2,000	8,000	S	2,000	20,000	7,000
60+	5,000	16,000	S	8,000	S	18,000
Non-S&E managers	3,000	4,000	9,000	3,000	11,000	6,000
<30	4,000	S	S	4,000	S	S
30-39	6,000	5,000	S	6,000	S	7,000
40-49	2,000	10,000	S	1,000	17,000	10,000
50-59	3,000	19,000	S	3,000	S	6,000
60+	7,000	S	S	8,000	S	S
Non-S&E postsecondary teachers	5,000	22,000	7,000	3,000	S	S
<30	2,000	S	1,000	S	S	S
30-39	14,000	S	S	S	S	S
40-49	18,000	S	S	S	S	S
50-59	2,000	S	2,000	S	S	S
60+	S	S	S	S	S	S
Non-S&E precollege/other teachers	2,000	2,000	2,000	2,000	11,000	6,000
<30	1,000	1,000	1,000	1,000	S	2,000
30-39	3,000	3,000	3,000	1,000	S	S
40-49	4,000	3,000	4,000	2,000	S	S
50-59	6,000	S	6,000	13,000	S	S
60+	4,000	S	6,000	S	S	S
Sales/marketing occupations	1,000	3,000	7,000	1,000	4,000	3,000
<30	1,000	4,000	S	1,000	6,000	5,000
30-39	4,000	10,000	S	4,000	4,000	8,000
40-49	4,000	9,000	S	3,000	13,000	17,000
50-59	8,000	14,000	S	8,000	17,000	9,000
60+	4,000	S	S	3,000	S	10,000
Social services/related occupations	500	1,000	1,000	1,000	2,000	1,000
<30	1,000	3,000	1,000	1,000	S	1,000
30-39	1,000	S	3,000	1,000	S	1,000
40-49	2,000	S	2,000	3,000	S	2,000
50-59	3,000	S	5,000	6,000	S	3,000
60+	4,000	S	S	S	S	4,000
Other non-S&E occupations	500	2,000	2,000	1,000	2,000	1,000
<30	1,000	1,000	4,000	1,000	2,000	1,000
30-39	2,000	9,000	8,000	2,000	3,000	2,000
40-49	2,000	6,000	5,000	2,000	3,000	2,000
50-59	1,000	5,000	8,000	1,000	6,000	2,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
60+	2,000	9,000	S	5,000	S	4,000
Master's degrees, all occupations	500	1,000	1,000	1,000	1,000	500
<30	1,000	1,000	1,000	1,000	2,000	1,000
30-39	2,000	2,000	2,000	1,000	2,000	1,000
40-49	1,000	2,000	2,000	1,000	2,000	2,000
50-59	1,000	3,000	1,000	500	1,000	2,000
60+	2,000	5,000	2,000	5,000	5,000	4,000
S&E occupations	500	1,000	2,000	1,000	1,000	1,000
<30	2,000	2,000	2,000	3,000	2,000	3,000
30-39	1,000	1,000	2,000	2,000	1,000	2,000
40-49	2,000	1,000	1,000	2,000	2,000	3,000
50-59	2,000	2,000	2,000	3,000	4,000	3,000
60+	4,000	7,000	10,000	6,000	3,000	5,000
Scientists	500	1,000	2,000	1,000	1,000	2,000
<30	1,000	3,000	2,000	2,000	2,000	1,000
30-39	1,000	1,000	2,000	3,000	1,000	3,000
40-49	3,000	2,000	1,000	3,000	1,000	5,000
50-59	2,000	3,000	3,000	3,000	3,000	3,000
60+	4,000	9,000	7,000	4,000	7,000	4,000
Biological/agricultural/other life scientists	1,000	2,000	2,000	5,000	2,000	5,000
<30	2,000	6,000	13,000	9,000	S	4,000
30-39	2,000	3,000	5,000	9,000	S	15,000
40-49	3,000	2,000	5,000	5,000	S	6,000
50-59	3,000	6,000	4,000	7,000	S	7,000
60+	19,000	S	S	S	S	S
Agricultural/food scientists	6,000	7,000	S	5,000	S	S
<30	5,000	S	S	S	S	S
30-39	4,000	4,000	S	S	S	S
40-49	7,000	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Biological/medical scientists	2,000	2,000	S	3,000	7,000	8,000
<30	2,000	5,000	S	3,000	S	S
30-39	6,000	4,000	S	11,000	S	11,000
40-49	5,000	6,000	S	9,000	S	8,000
50-59	2,000	3,000	S	3,000	S	S
60+	S	S	S	S	S	S
Environmental life scientists	2,000	2,000	S	6,000	S	S
<30	S	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	8,000	3,000	7,000	S	S
<30	16,000	S	S	S	S	S
30-39	4,000	S	2,000	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Computer/mathematical scientists	1,000	2,000	2,000	3,000	500	4,000
<30	3,000	5,000	8,000	11,000	4,000	13,000
30-39	500	2,000	3,000	2,000	1,000	5,000
40-49	1,000	2,000	6,000	4,000	2,000	6,000
50-59	3,000	1,000	10,000	5,000	3,000	8,000
60+	8,000	11,000	11,000	13,000	7,000	S
Computer/information scientists	2,000	1,000	8,000	1,000	1,000	3,000
<30	3,000	4,000	S	10,000	4,000	S
30-39	3,000	2,000	S	3,000	2,000	5,000
40-49	2,000	3,000	S	3,000	2,000	6,000
50-59	3,000	2,000	31,000	6,000	5,000	6,000
60+	9,000	9,000	S	16,000	8,000	S
Mathematical scientists	3,000	7,000	S	4,000	7,000	4,000
<30	9,000	10,000	S	S	6,000	S
30-39	5,000	10,000	S	4,000	12,000	S
40-49	9,000	15,000	S	S	S	S
50-59	15,000	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	4,000	2,000	3,000	7,000	15,000
<30	3,000	S	2,000	S	S	S
30-39	2,000	9,000	2,000	S	S	S
40-49	3,000	S	2,000	S	S	S
50-59	12,000	S	12,000	S	S	S
60+	10,000	S	10,000	S	S	S
Physical/related scientists	4,000	3,000	12,000	2,000	6,000	4,000
<30	11,000	17,000	2,000	2,000	8,000	7,000
30-39	4,000	7,000	14,000	6,000	6,000	3,000
40-49	5,000	5,000	S	2,000	24,000	3,000
50-59	6,000	6,000	S	3,000	S	5,000
60+	12,000	19,000	S	S	S	25,000
Chemists, except biochemists	1,000	4,000	S	6,000	S	5,000
<30	8,000	16,000	S	S	S	S
30-39	6,000	5,000	S	12,000	S	4,000
40-49	5,000	10,000	S	7,000	S	S
50-59	9,000	6,000	S	S	S	S
60+	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	6,000	8,000	S	7,000	11,000	3,000
<30	4,000	7,000	S	S	S	S
30-39	7,000	4,000	S	S	S	S
40-49	5,000	4,000	S	5,000	S	S
50-59	4,000	10,000	S	S	S	S
60+	S	S	S	S	S	S
Physicists/astronomers	10,000	19,000	S	S	21,000	S
<30	500	1,000	S	S	S	S
30-39	14,000	32,000	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-physical/related sciences	10,000	11,000	11,000	19,000	S	S
<30	1,000	2,000	1,000	S	S	S
30-39	9,000	S	9,000	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other physical/related scientists	7,000	9,000	S	8,000	S	9,000
<30	S	S	S	S	S	S
30-39	9,000	6,000	S	7,000	S	S
40-49	12,000	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	3,000	2,000	7,000	3,000	3,000	2,000
<30	4,000	5,000	2,000	1,000	S	2,000
30-39	2,000	1,000	4,000	5,000	1,000	3,000
40-49	4,000	7,000	7,000	9,000	S	5,000
50-59	2,000	10,000	5,000	4,000	S	4,000
60+	5,000	15,000	14,000	24,000	S	6,000
Economists	7,000	5,000	S	16,000	S	24,000
<30	13,000	S	S	S	S	S
30-39	17,000	4,000	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Political/related scientists	10,000	S	S	S	S	S
<30	S	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	5,000	5,000	5,000	6,000	S	13,000
<30	1,000	1,000	1,000	S	S	S
30-39	10,000	13,000	8,000	S	S	S
40-49	11,000	S	11,000	S	S	S
50-59	6,000	S	6,000	S	S	S
60+	19,000	S	18,000	S	S	S
Psychologists	1,000	2,000	6,000	1,000	S	1,000
<30	10,000	5,000	S	S	S	1,000
30-39	2,000	1,000	S	5,000	S	3,000
40-49	3,000	11,000	S	7,000	S	4,000
50-59	3,000	13,000	S	3,000	S	4,000
60+	7,000	S	S	S	S	7,000
Sociologists/anthropologists	10,000	9,000	S	8,000	S	S
<30	S	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other social/related scientists	7,000	5,000	S	11,000	S	10,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	1,000	3,000	S	2,000	S	S
30-39	3,000	9,000	S	6,000	S	S
40-49	8,000	14,000	S	16,000	S	S
50-59	14,000	S	S	15,000	S	S
60+	S	S	S	S	S	S
Engineers	1,000	1,000	5,000	2,000	2,000	2,000
<30	1,000	1,000	S	5,000	5,000	3,000
30-39	2,000	2,000	5,000	1,000	1,000	3,000
40-49	2,000	3,000	4,000	3,000	2,000	3,000
50-59	2,000	2,000	S	4,000	4,000	5,000
60+	5,000	6,000	S	4,000	7,000	3,000
Aerospace/aeronautical/astronautical engineers	4,000	6,000	S	4,000	2,000	11,000
<30	5,000	5,000	S	S	9,000	S
30-39	3,000	3,000	S	4,000	S	S
40-49	5,000	6,000	S	2,000	S	S
50-59	6,000	4,000	S	11,000	S	S
60+	3,000	500	S	S	S	S
Chemical engineers	3,000	7,000	S	4,000	13,000	6,000
<30	3,000	3,000	S	S	S	S
30-39	2,000	2,000	S	S	S	S
40-49	7,000	9,000	S	S	S	S
50-59	10,000	6,000	S	S	S	S
60+	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	3,000	S	2,000	3,000	5,000
<30	3,000	3,000	S	2,000	2,000	2,000
30-39	2,000	2,000	S	3,000	3,000	9,000
40-49	3,000	3,000	S	4,000	S	8,000
50-59	3,000	6,000	S	3,000	S	5,000
60+	7,000	7,000	S	10,000	S	S
Electrical/computer hardware engineers	1,000	1,000	S	3,000	3,000	7,000
<30	3,000	6,000	S	12,000	4,000	S
30-39	2,000	3,000	S	3,000	3,000	6,000
40-49	5,000	6,000	S	4,000	3,000	9,000
50-59	3,000	3,000	S	10,000	7,000	S
60+	8,000	5,000	S	10,000	S	S
Industrial engineers	3,000	4,000	S	4,000	7,000	4,000
<30	5,000	2,000	S	13,000	S	S
30-39	6,000	6,000	S	15,000	S	S
40-49	2,000	3,000	S	2,000	S	S
50-59	9,000	S	S	S	S	S
60+	S	S	S	S	S	S
Mechanical engineers	3,000	3,000	S	3,000	4,000	3,000
<30	5,000	4,000	S	3,000	8,000	S
30-39	1,000	3,000	S	5,000	4,000	S
40-49	1,000	2,000	S	3,000	9,000	9,000
50-59	6,000	9,000	S	11,000	S	S
60+	10,000	12,000	S	13,000	S	S
Postsecondary teachers-engineering	5,000	9,000	5,000	S	S	S
<30	6,000	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
30-39	6,000	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other engineers	2,000	4,000	S	3,000	5,000	4,000
<30	2,000	6,000	S	1,000	11,000	1,000
30-39	3,000	4,000	S	3,000	8,000	4,000
40-49	5,000	9,000	S	7,000	S	5,000
50-59	5,000	5,000	S	5,000	S	5,000
60+	17,000	22,000	S	10,000	S	S
S&E-related occupations	1,000	2,000	1,000	1,000	2,000	2,000
<30	1,000	2,000	500	4,000	6,000	2,000
30-39	1,000	2,000	2,000	4,000	5,000	2,000
40-49	2,000	4,000	1,000	4,000	4,000	2,000
50-59	2,000	4,000	1,000	3,000	6,000	2,000
60+	3,000	1,000	4,000	4,000	5,000	3,000
Health-related occupations	3,000	2,000	1,000	2,000	5,000	2,000
<30	2,000	4,000	2,000	2,000	S	2,000
30-39	2,000	3,000	2,000	3,000	S	3,000
40-49	2,000	8,000	5,000	3,000	11,000	3,000
50-59	2,000	2,000	2,000	3,000	11,000	2,000
60+	2,000	S	5,000	11,000	S	2,000
S&E managers	2,000	3,000	S	2,000	5,000	5,000
<30	S	S	S	S	S	S
30-39	3,000	7,000	S	4,000	7,000	5,000
40-49	3,000	4,000	S	3,000	8,000	10,000
50-59	6,000	9,000	S	5,000	7,000	16,000
60+	2,000	S	S	11,000	S	S
S&E precollege teachers	1,000	2,000	1,000	2,000	3,000	1,000
<30	2,000	4,000	2,000	2,000	S	S
30-39	1,000	4,000	1,000	1,000	S	S
40-49	2,000	2,000	2,000	2,000	10,000	5,000
50-59	1,000	4,000	1,000	1,000	3,000	6,000
60+	5,000	S	5,000	7,000	S	S
S&E technicians/technologists	2,000	3,000	S	6,000	5,000	4,000
<30	7,000	6,000	S	S	S	S
30-39	3,000	5,000	S	12,000	8,000	4,000
40-49	3,000	6,000	S	6,000	6,000	4,000
50-59	9,000	9,000	S	6,000	9,000	11,000
60+	S	S	S	S	S	S
Other S&E-related occupations	3,000	5,000	S	7,000	1,000	12,000
<30	S	S	S	S	S	S
30-39	5,000	6,000	S	4,000	S	S
40-49	7,000	12,000	S	7,000	S	9,000
50-59	12,000	18,000	S	23,000	S	S
60+	S	S	S	S	S	S
Non-S&E occupations	1,000	3,000	1,000	500	3,000	1,000
<30	2,000	4,000	4,000	3,000	4,000	2,000
30-39	4,000	7,000	1,000	2,000	9,000	1,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
40-49	1,000	2,000	2,000	2,000	5,000	2,000
50-59	1,000	5,000	2,000	2,000	3,000	2,000
60+	2,000	10,000	9,000	2,000	15,000	7,000
Art/humanities/related occupations	2,000	11,000	S	4,000	26,000	4,000
<30	22,000	S	S	S	S	S
30-39	5,000	S	S	5,000	S	S
40-49	9,000	20,000	S	14,000	S	7,000
50-59	11,000	S	S	S	S	17,000
60+	S	S	S	S	S	S
Management-related occupations	2,000	6,000	5,000	2,000	4,000	4,000
<30	1,000	1,000	S	1,000	3,000	1,000
30-39	2,000	11,000	S	4,000	4,000	7,000
40-49	4,000	4,000	S	4,000	16,000	7,000
50-59	4,000	6,000	S	3,000	4,000	7,000
60+	4,000	S	S	4,000	S	11,000
Non-S&E managers	3,000	3,000	6,000	2,000	14,000	5,000
<30	13,000	S	S	10,000	S	S
30-39	9,000	10,000	S	9,000	S	24,000
40-49	3,000	18,000	S	5,000	S	6,000
50-59	4,000	8,000	S	4,000	S	17,000
60+	8,000	S	S	10,000	S	S
Non-S&E postsecondary teachers	2,000	9,000	3,000	4,000	10,000	5,000
<30	4,000	S	5,000	S	S	S
30-39	4,000	2,000	6,000	S	S	S
40-49	4,000	S	4,000	4,000	S	S
50-59	2,000	8,000	2,000	6,000	S	S
60+	17,000	S	18,000	S	S	S
Non-S&E precollege/other teachers	1,000	3,000	1,000	2,000	7,000	1,000
<30	4,000	S	5,000	2,000	S	S
30-39	2,000	1,000	2,000	5,000	S	5,000
40-49	3,000	2,000	2,000	3,000	S	5,000
50-59	1,000	3,000	1,000	4,000	S	5,000
60+	11,000	S	4,000	S	S	S
Sales/marketing occupations	5,000	11,000	S	5,000	12,000	6,000
<30	2,000	S	S	2,000	S	S
30-39	7,000	11,000	S	7,000	S	13,000
40-49	4,000	20,000	S	3,000	S	8,000
50-59	5,000	9,000	S	4,000	S	19,000
60+	3,000	S	S	4,000	S	S
Social services/related occupations	1,000	2,000	2,000	1,000	3,000	1,000
<30	1,000	S	1,000	3,000	S	1,000
30-39	500	4,000	2,000	2,000	S	1,000
40-49	2,000	4,000	6,000	2,000	S	2,000
50-59	2,000	3,000	3,000	3,000	S	2,000
60+	3,000	S	S	2,000	S	4,000
Other non-S&E occupations	2,000	5,000	3,000	2,000	6,000	2,000
<30	2,000	7,000	S	2,000	S	7,000
30-39	4,000	13,000	8,000	5,000	21,000	3,000
40-49	3,000	9,000	10,000	3,000	7,000	3,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50-59	4,000	7,000	4,000	4,000	12,000	4,000
60+	4,000	4,000	S	6,000	S	5,000
Doctorate degrees, all occupations	1,000	2,000	1,000	2,000	3,000	2,000
<30	7,000	4,000	5,000	6,000	11,000	2,000
30-39	2,000	1,000	1,000	3,000	6,000	3,000
40-49	1,000	500	1,000	2,000	2,000	2,000
50-59	2,000	2,000	1,000	2,000	3,000	2,000
60+	3,000	2,000	3,000	1,000	6,000	4,000
S&E occupations	500	500	1,000	500	500	2,000
<30	5,000	5,000	6,000	3,000	8,000	4,000
30-39	1,000	2,000	1,000	500	2,000	2,000
40-49	500	2,000	1,000	500	2,000	1,000
50-59	500	2,000	1,000	2,000	3,000	2,000
60+	3,000	2,000	2,000	2,000	2,000	5,000
Scientists	1,000	1,000	500	1,000	2,000	500
<30	1,000	1,000	3,000	5,000	31,000	4,000
30-39	1,000	2,000	500	500	2,000	2,000
40-49	2,000	500	500	2,000	2,000	1,000
50-59	1,000	1,000	1,000	3,000	2,000	1,000
60+	2,000	2,000	2,000	4,000	4,000	5,000
Biological/agricultural/other life scientists	1,000	1,000	2,000	2,000	4,000	4,000
<30	2,000	2,000	S	3,000	S	S
30-39	2,000	2,000	4,000	2,000	2,000	4,000
40-49	1,000	2,000	4,000	4,000	4,000	3,000
50-59	500	2,000	1,000	1,000	2,000	7,000
60+	3,000	4,000	2,000	8,000	S	16,000
Agricultural/food scientists	1,000	2,000	S	4,000	8,000	4,000
<30	S	S	S	S	S	S
30-39	6,000	7,000	S	9,000	S	S
40-49	5,000	5,000	S	3,000	S	6,000
50-59	4,000	3,000	S	6,000	S	3,000
60+	10,000	16,000	S	13,000	S	S
Biological/medical scientists	1,000	3,000	14,000	3,000	5,000	4,000
<30	2,000	2,000	S	2,000	S	S
30-39	1,000	1,000	1,000	4,000	2,000	5,000
40-49	1,000	1,000	23,000	4,000	7,000	5,000
50-59	4,000	4,000	6,000	3,000	6,000	13,000
60+	3,000	5,000	S	5,000	S	20,000
Environmental life scientists	7,000	6,000	S	18,000	S	S
<30	S	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	32,000	34,000	S	S	S	S
50-59	10,000	9,000	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	2,000	2,000	2,000	S	6,000
<30	S	S	S	S	S	S
30-39	1,000	3,000	1,000	4,000	S	S
40-49	2,000	4,000	2,000	3,000	S	S
50-59	1,000	2,000	2,000	4,000	S	4,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
60+	3,000	4,000	2,000	6,000	S	13,000
Computer/mathematical scientists	1,000	3,000	1,000	4,000	2,000	1,000
<30	9,000	8,000	500	S	S	S
30-39	3,000	2,000	3,000	3,000	2,000	10,000
40-49	3,000	2,000	4,000	5,000	1,000	7,000
50-59	4,000	4,000	5,000	2,000	5,000	4,000
60+	5,000	3,000	8,000	8,000	5,000	12,000
Computer/information scientists	1,000	3,000	6,000	4,000	1,000	2,000
<30	S	S	S	S	S	S
30-39	4,000	5,000	S	5,000	3,000	6,000
40-49	4,000	2,000	S	6,000	6,000	10,000
50-59	6,000	9,000	S	8,000	7,000	3,000
60+	5,000	1,000	S	5,000	9,000	S
Mathematical scientists	3,000	3,000	52,000	5,000	4,000	12,000
<30	S	S	S	S	S	S
30-39	5,000	7,000	S	5,000	9,000	S
40-49	3,000	4,000	S	10,000	2,000	S
50-59	3,000	4,000	S	10,000	17,000	S
60+	6,000	5,000	S	S	11,000	S
Postsecondary teachers-computer/mathematical sciences	2,000	5,000	1,000	5,000	3,000	13,000
<30	500	S	500	S	S	S
30-39	3,000	1,000	3,000	10,000	S	S
40-49	4,000	3,000	3,000	6,000	33,000	S
50-59	5,000	2,000	5,000	4,000	10,000	14,000
60+	5,000	6,000	8,000	5,000	4,000	7,000
Physical/related scientists	2,000	1,000	1,000	1,000	3,000	3,000
<30	5,000	6,000	S	S	S	S
30-39	2,000	2,000	1,000	4,000	5,000	4,000
40-49	1,000	3,000	1,000	3,000	1,000	8,000
50-59	2,000	1,000	2,000	7,000	4,000	8,000
60+	2,000	3,000	4,000	4,000	5,000	9,000
Chemists, except biochemists	1,000	1,000	7,000	1,000	11,000	3,000
<30	10,000	10,000	S	S	S	S
30-39	2,000	2,000	S	4,000	S	6,000
40-49	1,000	1,000	S	6,000	S	6,000
50-59	4,000	3,000	S	6,000	S	12,000
60+	3,000	4,000	S	10,000	S	22,000
Earth/atmospheric/ocean scientists	1,000	2,000	S	6,000	3,000	21,000
<30	S	S	S	S	S	S
30-39	4,000	4,000	S	4,000	9,000	S
40-49	4,000	4,000	S	6,000	9,000	S
50-59	9,000	3,000	S	13,000	9,000	S
60+	5,000	6,000	S	S	S	S
Physicists/astronomers	3,000	2,000	3,000	4,000	4,000	3,000
<30	S	S	S	S	S	S
30-39	4,000	5,000	S	6,000	5,000	12,000
40-49	2,000	3,000	S	3,000	3,000	S
50-59	3,000	4,000	S	6,000	5,000	S
60+	8,000	11,000	S	4,000	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-physical/related sciences	1,000	1,000	1,000	3,000	9,000	6,000
<30	S	S	S	S	S	S
30-39	1,000	2,000	2,000	7,000	S	1,000
40-49	1,000	2,000	1,000	3,000	S	6,000
50-59	3,000	4,000	2,000	5,000	S	4,000
60+	3,000	2,000	4,000	4,000	S	12,000
Other physical/related scientists	3,000	3,000	S	4,000	S	16,000
<30	S	S	S	S	S	S
30-39	13,000	12,000	S	S	S	S
40-49	1,000	2,000	S	S	S	S
50-59	7,000	8,000	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	1,000	500	1,000	2,000	3,000	1,000
<30	6,000	4,000	S	S	S	S
30-39	2,000	1,000	2,000	2,000	8,000	3,000
40-49	1,000	1,000	2,000	1,000	7,000	1,000
50-59	1,000	1,000	2,000	1,000	3,000	1,000
60+	3,000	4,000	2,000	3,000	43,000	1,000
Economists	2,000	1,000	S	8,000	5,000	7,000
<30	S	S	S	S	S	S
30-39	4,000	5,000	S	5,000	S	S
40-49	8,000	7,000	S	8,000	S	12,000
50-59	21,000	19,000	S	26,000	S	10,000
60+	18,000	17,000	S	S	S	S
Political/related scientists	5,000	4,000	S	9,000	S	S
<30	S	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	2,000	1,000	2,000	1,000	33,000	3,000
<30	2,000	S	S	S	S	S
30-39	2,000	500	1,000	3,000	S	3,000
40-49	2,000	2,000	1,000	2,000	S	10,000
50-59	500	2,000	500	5,000	S	3,000
60+	2,000	5,000	2,000	6,000	S	13,000
Psychologists	1,000	2,000	3,000	1,000	6,000	2,000
<30	S	S	S	S	S	S
30-39	1,000	3,000	5,000	4,000	S	4,000
40-49	1,000	4,000	3,000	1,000	S	2,000
50-59	3,000	6,000	5,000	3,000	S	3,000
60+	2,000	5,000	8,000	5,000	S	2,000
Sociologists/anthropologists	1,000	1,000	10,000	5,000	S	6,000
<30	S	S	S	S	S	S
30-39	6,000	6,000	S	9,000	S	S
40-49	2,000	3,000	S	4,000	S	S
50-59	2,000	2,000	S	5,000	S	S
60+	27,000	29,000	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other social/related scientists	500	1,000	S	2,000	S	2,000
<30	S	S	S	S	S	S
30-39	5,000	6,000	S	2,000	S	S
40-49	1,000	9,000	S	1,000	S	S
50-59	8,000	10,000	S	10,000	S	S
60+	19,000	16,000	S	S	S	S
Engineers	2,000	2,000	2,000	3,000	3,000	2,000
<30	4,000	4,000	S	S	S	S
30-39	1,000	2,000	3,000	2,000	3,000	4,000
40-49	1,000	2,000	2,000	500	4,000	5,000
50-59	500	1,000	3,000	1,000	4,000	4,000
60+	3,000	4,000	4,000	12,000	12,000	15,000
Aerospace/aeronautical/astronautical engineers	7,000	7,000	S	5,000	3,000	S
<30	S	S	S	S	S	S
30-39	500	500	S	S	S	S
40-49	9,000	8,000	S	S	S	S
50-59	7,000	7,000	S	S	S	S
60+	26,000	29,000	S	S	S	S
Chemical engineers	3,000	3,000	S	8,000	6,000	3,000
<30	S	S	S	S	S	S
30-39	1,000	1,000	S	3,000	S	2,000
40-49	2,000	4,000	S	12,000	S	S
50-59	2,000	2,000	S	S	S	S
60+	12,000	4,000	S	S	S	S
Civil/architectural/sanitary engineers	2,000	4,000	S	8,000	6,000	15,000
<30	S	S	S	S	S	S
30-39	6,000	4,000	S	S	S	S
40-49	7,000	8,000	S	18,000	S	S
50-59	2,000	4,000	S	2,000	S	S
60+	7,000	8,000	S	14,000	S	S
Electrical/computer hardware engineers	1,000	1,000	S	2,000	2,000	5,000
<30	S	S	S	S	S	S
30-39	2,000	2,000	S	1,000	3,000	S
40-49	4,000	3,000	S	8,000	9,000	7,000
50-59	6,000	8,000	S	12,000	7,000	S
60+	7,000	5,000	S	27,000	S	S
Industrial engineers	30,000	30,000	S	4,000	S	S
<30	S	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	500	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Mechanical engineers	2,000	1,000	S	5,000	6,000	6,000
<30	S	S	S	S	S	S
30-39	5,000	3,000	S	1,000	S	S
40-49	2,000	1,000	S	5,000	7,000	S
50-59	4,000	4,000	S	15,000	S	S
60+	14,000	12,000	S	S	S	S
Postsecondary teachers-engineering	1,000	2,000	2,000	4,000	10,000	8,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity					Other
		Research and development	Teaching	Management, sales, administration	Computer applications		
<30	S	S	S	S	S	S	S
30-39	2,000	2,000	3,000	4,000	S	S	S
40-49	2,000	4,000	2,000	3,000	S	S	S
50-59	4,000	3,000	3,000	10,000	S	S	S
60+	4,000	3,000	3,000	16,000	S	S	S
Other engineers	1,000	2,000	S	4,000	2,000	6,000	
<30	1,000	1,000	S	S	S	S	S
30-39	1,000	2,000	S	3,000	10,000	10,000	
40-49	5,000	5,000	S	3,000	10,000	3,000	
50-59	2,000	3,000	S	2,000	8,000	13,000	
60+	8,000	8,000	S	15,000	S	25,000	
S&E-related occupations	4,000	5,000	4,000	6,000	6,000	4,000	
<30	2,000	S	S	S	S	2,000	
30-39	3,000	9,000	3,000	8,000	3,000	13,000	
40-49	5,000	3,000	2,000	6,000	4,000	15,000	
50-59	7,000	14,000	4,000	5,000	11,000	14,000	
60+	10,000	4,000	8,000	3,000	20,000	26,000	
Health-related occupations	3,000	4,000	3,000	2,000	11,000	5,000	
<30	2,000	S	S	S	S	S	
30-39	2,000	4,000	1,000	3,000	S	7,000	
40-49	6,000	7,000	6,000	10,000	S	17,000	
50-59	8,000	13,000	4,000	16,000	S	20,000	
60+	8,000	10,000	10,000	8,000	S	30,000	
S&E managers	2,000	3,000	S	3,000	13,000	7,000	
<30	S	S	S	S	S	S	
30-39	4,000	3,000	S	3,000	S	14,000	
40-49	2,000	2,000	S	5,000	S	8,000	
50-59	2,000	3,000	S	2,000	13,000	8,000	
60+	8,000	10,000	S	8,000	S	S	
S&E precollege teachers	6,000	11,000	7,000	6,000	S	S	
<30	S	S	S	S	S	S	
30-39	2,000	S	2,000	S	S	S	
40-49	6,000	S	6,000	S	S	S	
50-59	7,000	S	3,000	S	S	S	
60+	15,000	S	13,000	S	S	S	
S&E technicians/technologists	7,000	12,000	S	7,000	5,000	42,000	
<30	S	S	S	S	S	S	
30-39	13,000	30,000	S	7,000	10,000	S	
40-49	12,000	21,000	S	S	6,000	S	
50-59	6,000	7,000	S	S	6,000	S	
60+	56,000	S	S	S	S	S	
Other S&E-related occupations	1,000	S	S	S	S	S	
<30	S	S	S	S	S	S	
30-39	S	S	S	S	S	S	
40-49	S	S	S	S	S	S	
50-59	S	S	S	S	S	S	
60+	S	S	S	S	S	S	
Non-S&E occupations	4,000	5,000	1,000	5,000	3,000	3,000	
<30	S	S	S	S	S	S	

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
30-39	6,000	5,000	3,000	8,000	7,000	13,000
40-49	5,000	10,000	4,000	6,000	2,000	6,000
50-59	6,000	11,000	2,000	3,000	4,000	5,000
60+	5,000	12,000	7,000	11,000	3,000	12,000
Art/humanities/related occupations	13,000	27,000	S	25,000	S	22,000
<30	S	S	S	S	S	S
30-39	11,000	S	S	4,000	S	12,000
40-49	11,000	26,000	S	30,000	S	18,000
50-59	26,000	5,000	S	15,000	S	30,000
60+	18,000	11,000	S	14,000	S	7,000
Management-related occupations	3,000	9,000	11,000	2,000	2,000	11,000
<30	S	S	S	S	S	S
30-39	1,000	4,000	S	2,000	13,000	16,000
40-49	15,000	5,000	S	15,000	15,000	12,000
50-59	11,000	31,000	S	11,000	7,000	17,000
60+	29,000	51,000	S	37,000	S	52,000
Non-S&E managers	7,000	9,000	7,000	5,000	22,000	6,000
<30	S	S	S	S	S	S
30-39	1,000	11,000	S	1,000	S	1,000
40-49	8,000	16,000	6,000	8,000	24,000	9,000
50-59	8,000	12,000	37,000	8,000	S	10,000
60+	13,000	19,000	21,000	10,000	S	62,000
Non-S&E postsecondary teachers	3,000	2,000	2,000	5,000	S	4,000
<30	S	S	S	S	S	S
30-39	2,000	2,000	3,000	5,000	S	S
40-49	3,000	3,000	3,000	7,000	S	2,000
50-59	5,000	6,000	5,000	11,000	S	6,000
60+	6,000	9,000	6,000	8,000	S	8,000
Non-S&E precollege/other teachers	11,000	S	7,000	19,000	S	S
<30	S	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	10,000	S	6,000	S	S	S
50-59	3,000	S	1,000	S	S	S
60+	S	S	S	S	S	S
Sales/marketing occupations	23,000	62,000	S	26,000	28,000	12,000
<30	S	S	S	S	S	S
30-39	6,000	22,000	S	6,000	S	S
40-49	74,000	9,000	S	59,000	S	S
50-59	34,000	10,000	S	39,000	S	12,000
60+	64,000	S	S	70,000	S	S
Social services/related occupations	8,000	8,000	11,000	3,000	S	9,000
<30	S	S	S	S	S	S
30-39	7,000	S	S	S	S	7,000
40-49	2,000	S	S	6,000	S	7,000
50-59	9,000	S	11,000	3,000	S	12,000
60+	15,000	S	S	7,000	S	17,000
Other non-S&E occupations	4,000	2,000	26,000	4,000	7,000	9,000
<30	S	S	S	S	S	S
30-39	6,000	5,000	S	10,000	S	16,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2003

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
40-49	9,000	4,000	S	10,000	S	29,000
50-59	10,000	6,000	S	16,000	S	11,000
60+	15,000	5,000	6,000	22,000	S	40,000

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, 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. Respondents may have provided multiple responses for work activity. 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.