TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
All degree levels and fields[a]	1,000	1,000	500	500	1,000	1,000
Business/industry	1,000	2,000	1,000	500	1,000	1,000
4-year college/university	1,000	500	500	1,000	1,000	1,000
Other educational institution	1,000	500	500	1,000	1,000	1,000
Government	500	500	2,000	1,000	1,000	500
S&E fields	500	1,000	2,000	1,000	1,000	1,000
Business/industry	500	500	3,000	500	1,000	1,000
4-year college/university	1,000	1,000	1,000	1,000	2,000	1,000
Other educational institution	1,000	1,000	1,000	2,000	4,000	2,000
Government	1,000	500	3,000	1,000	1,000	1,000
Sciences	1,000	1,000	500	500	500	500
Business/industry	1,000	2,000	2,000	1,000	500	500
4-year college/university	500	500	1,000	2,000	2,000	1,000
Other educational institution	1,000	1,000	1,000	2,000	4,000	2,000
Government	500	1,000	4,000	1,000	1,000	1,000
Biological/agricultural/environmental life sciences	1,000	1,000	1,000	1,000	1,000	1,000
Business/industry	1,000	2,000	4,000	2,000	2,000	500
4-year college/university	1,000	1,000	2,000	2,000	6,000	3,000
Other educational institution	1,000	3,000	1,000	3,000	9,000	6,000
Government	2,000	1,000	3,000	2,000	2,000	2,000
Agricultural/food sciences	2,000	1,000	6,000	3,000	7,000	3,000
Business/industry	3,000	4,000	5,000	3,000	7,000	3,000
4-year college/university	3,000	8,000	9,000	3,000	1,000	5,000
Other educational institution	7,000	S	6,000	27,000	S	S
Government	5,000	9,000	S	9,000	14,000	5,000
Biological sciences	500	2,000	1,000	2,000	2,000	1,000
Business/industry	2,000	2,000	5,000	2,000	2,000	2,000
4-year college/university	1,000	3,000	1,000	2,000	7,000	6,000
Other educational institution	1,000	2,000	1,000	2,000	10,000	6,000
Government	1,000	1,000	3,000	2,000	5,000	2,000
Environmental life sciences	2,000	3,000	3,000	5,000	3,000	3,000
Business/industry	5,000	5,000	S	5,000	9,000	4,000
4-year college/university	3,000	8,000	500	11,000	S	26,000
Other educational institution	5,000	S	2,000	S	S	S
Government	4,000	6,000	S	6,000	3,000	3,000
Computer/mathematical sciences	500	1,000	2,000	2,000	500	1,000
Business/industry	1,000	2,000	6,000	2,000	1,000	3,000
4-year college/university	2,000	4,000	3,000	2,000	3,000	6,000
Other educational institution	3,000	4,000	1,000	2,000	1,000	3,000
Government	3,000	2,000	5,000	5,000	3,000	2,000
Computer/information sciences	2,000	1,000	4,000	2,000	500	1,000
Business/industry	1,000	2,000	4,000	1,000	2,000	6,000
4-year college/university	3,000	10,000	7,000	4,000	4,000	6,000
Other educational institution	3,000	4,000	3,000	5,000	1,000	S
Government	5,000	3,000	S	8,000	4,000	2,000
Mathematical sciences	3,000	4,000	2,000	2,000	2,000	4,000
Business/industry	3,000	3,000	17,000	6,000	2,000	5,000
4-year college/university	3,000	4,000	4,000	4,000	7,000	14,000
Other educational institution	1,000	6,000	1,000	3,000	4,000	3,000
Government	1,000	1,000	S	7,000	6,000	8,000
Physical/related sciences	2,000	2,000	1,000	2,000	3,000	3,000
Business/industry	2,000	3,000	16,000	1,000	2,000	2,000

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
4-year college/university	2,000	3,000	2,000	8,000	8,000	4,000
Other educational institution	2,000	3,000	3,000	3,000	6,000	14,000
Government	3,000	4,000	5,000	5,000	5,000	5,000
Chemistry, except biochemistry	2,000	3,000	3,000	4,000	5,000	4,000
Business/industry	3,000	3,000	19,000	3,000	5,000	6,000
4-year college/university	3,000	2,000	2,000	5,000	6,000	3,000
Other educational institution	3,000	3,000	3,000	2,000	S	S
Government	4,000	4,000	S	5,000	9,000	6,000
Earth/atmospheric/ocean sciences	3,000	3,000	4,000	4,000	7,000	2,000
Business/industry	4,000	6,000	S	6,000	11,000	3,000
4-year college/university	4,000	3,000	3,000	21,000	9,000	2,000
Other educational institution	10,000	5,000	5,000	13,000	S	S
Government	3,000	5,000	S	5,000	7,000	6,000
Physics/astronomy	3,000	3,000	6,000	7,000	3,000	6,000
Business/industry	3,000	2,000	8,000	9,000	4,000	10,000
4-year college/university	1,000	2,000	6,000	7,000	5,000	10,000
Other educational institution	13,000	8,000	12,000	4,000	S	S
Government	6,000	3,000	S	13,000	9,000	5,000
Other physical sciences	6,000	11,000	9,000	17,000	25,000	3,000
Business/industry	15,000	24,000	S	31,000	43,000	4,000
4-year college/university	13,000	1,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	4,000	6,000	S	14,000	S	S
Social/related sciences	1,000	2,000	1,000	1,000	2,000	1,000
Business/industry	1,000	1,000	1,000	2,000	2,000	1,000
4-year college/university	2,000	2,000	2,000	2,000	2,000	1,000
Other educational institution	1,000	1,000	1,000	2,000	4,000	2,000
Government	2,000	3,000	5,000	1,000	3,000	500
Economics	1,000	1,000	3,000	4,000	5,000	7,000
Business/industry	2,000	2,000	10,000	4,000	6,000	4,000
4-year college/university	6,000	6,000	4,000	17,000	10,000	12,000
Other educational institution	2,000	9,000	4,000	9,000	S	S
Government	4,000	7,000	S	4,000	7,000	3,000
Political/related sciences	2,000	6,000	3,000	2,000	5,000	4,000
Business/industry	2,000	5,000	13,000	4,000	6,000	5,000
4-year college/university	4,000	3,000	2,000	5,000	7,000	11,000
Other educational institution	4,000	2,000	2,000	6,000	S	13,000
Government	5,000	6,000	16,000	3,000	3,000	2,000
Psychology	2,000	2,000	2,000	2,000	4,000	1,000
Business/industry	1,000	5,000	3,000	1,000	9,000	1,000
4-year college/university	1,000	4,000	2,000	3,000	3,000	3,000
Other educational institution	1,000	1,000	1,000	1,000	5,000	2,000
Government	1,000	3,000	2,000	3,000	4,000	1,000
Sociology/anthropology	1,000	5,000	1,000	1,000	4,000	1,000
Business/industry	2,000	6,000	3,000	2,000	3,000	2,000
4-year college/university	1,000	2,000	4,000	5,000	4,000	1,000
Other educational institution	3,000	5,000	3,000	3,000	S	7,000
Government	1,000	6,000	7,000	5,000	7,000	2,000
Other social sciences	1,000	2,000	3,000	2,000	2,000	2,000
Business/industry	1,000	5,000	17,000	4,000	7,000	3,000
4-year college/university	4,000	3,000	2,000	4,000	16,000	5,000
Other educational institution	2,000	5,000	3,000	7,000	S	10,000

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Government	4,000	6,000	S	6,000	1,000	3,000
Engineering	1,000	2,000	3,000	1,000	2,000	1,000
Business/industry	500	500	9,000	500	500	2,000
4-year college/university	2,000	5,000	3,000	5,000	8,000	4,000
Other educational institution	1,000	5,000	3,000	9,000	3,000	8,000
Government	2,000	500	17,000	2,000	2,000	4,000
Aerospace/related engineering	3,000	3,000	9,000	7,000	5,000	6,000
Business/industry	5,000	4,000	S	7,000	5,000	6,000
4-year college/university	2,000	9,000	15,000	5,000	4,000	S
Other educational institution	S	S	S	S	S	S
Government	7,000	3,000	S	7,000	7,000	12,000
Chemical engineering	3,000	3,000	7,000	4,000	4,000	5,000
Business/industry	3,000	2,000	S	3,000	5,000	5,000
4-year college/university	9,000	9,000	5,000	8,000	5,000	15,000
Other educational institution	2,000	S	2,000	S	S	S
Government	2,000	2,000	S	2,000	S	9,000
Civil/architectural engineering	2,000	1,000	4,000	1,000	3,000	4,000
Business/industry	2,000	1,000	S	2,000	3,000	5,000
4-year college/university	3,000	12,000	6,000	5,000	S	S
Other educational institution	4,000	S	7,000	S	S	S
Government	2,000	2,000	S	3,000	1,000	3,000
Electrical/computer engineering	2,000	500	5,000	1,000	1,000	2,000
Business/industry	500	2,000	13,000	1,000	1,000	3,000
4-year college/university	3,000	4,000	7,000	7,000	17,000	4,000
Other educational institution	9,000	1,000	9,000	S	S	S
Government	2,000	1,000	S	4,000	4,000	5,000
Industrial engineering	3,000	1,000	13,000	3,000	5,000	6,000
Business/industry	2,000	3,000	S	4,000	6,000	7,000
4-year college/university	7,000	5,000	4,000	18,000	S	S
Other educational institution	S	S	S	S	S	S
Government	8,000	4,000	S	5,000	S	S
Mechanical engineering	2,000	1,000	14,000	1,000	2,000	4,000
Business/industry	2,000	2,000	10,000	2,000	2,000	4,000
4-year college/university	7,000	11,000	2,000	11,000	24,000	S
Other educational institution	12,000	S	11,000	S	S	S
Government	3,000	4,000	S	3,000	18,000	1,000
Other engineering	2,000	2,000	15,000	1,000	4,000	3,000
Business/industry	1,000	1,000	41,000	3,000	1,000	2,000
4-year college/university	4,000	6,000	2,000	10,000	12,000	13,000
Other educational institution	7,000	S	5,000	S	S	S
Government	2,000	6,000	S	4,000	11,000	9,000
S&E-related fields	500	2,000	1,000	500	2,000	1,000
Business/industry	500	2,000	1,000	2,000	2,000	500
4-year college/university	2,000	2,000	3,000	3,000	6,000	2,000
Other educational institution	1,000	4,000	1,000	2,000	4,000	2,000
Government	2,000	2,000	2,000	3,000	4,000	2,000
Health	1,000	2,000	1,000	2,000	3,000	2,000
Business/industry	500	2,000	1,000	1,000	3,000	2,000
4-year college/university	3,000	2,000	3,000	2,000	11,000	3,000
Other educational institution	1,000	2,000	1,000	3,000	S	2,000
Government	1,000	3,000	2,000	2,000	6,000	2,000
Science/mathematics teacher education	1,000	2,000	1,000	2,000	2,000	4,000

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Business/industry	4,000	9,000	12,000	4,000	9,000	6,000
4-year college/university	4,000	9,000	3,000	S	S	S
Other educational institution	1,000	3,000	1,000	2,000	1,000	3,000
Government	4,000	S	S	12,000	S	S
Technology/technical fields	2,000	3,000	2,000	2,000	1,000	3,000
Business/industry	1,000	3,000	13,000	1,000	2,000	4,000
4-year college/university	12,000	9,000	S	S	S	S
Other educational institution	7,000	S	4,000	S	S	S
Government	7,000	6,000	S	6,000	12,000	3,000
Other S&E-related fields	3,000	3,000	16,000	4,000	10,000	3,000
Business/industry	3,000	4,000	S	3,000	9,000	4,000
4-year college/university	4,000	10,000	4,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	5,000	9,000	S	8,000	S	5,000
Non-S&E fields	1,000	1,000	1,000	1,000	1,000	1,000
Business/industry	2,000	500	3,000	500	1,000	2,000
4-year college/university	1,000	1,000	1,000	2,000	2,000	2,000
Other educational institution	1,000	2,000	500	2,000	2,000	2,000
Government	1,000	3,000	4,000	1,000	3,000	2,000
Arts/humanities	1,000	4,000	2,000	3,000	3,000	3,000
Business/industry	3,000	6,000	5,000	4,000	4,000	2,000
4-year college/university	1,000	1,000	1,000	3,000	6,000	4,000
Other educational institution	2,000	1,000	2,000	5,000	3,000	10,000
Government	5,000	15,000	S	4,000	9,000	9,000
Education, except science/mathematics teacher education	1,000	2,000	1,000	500	2,000	1,000
Business/industry	3,000	3,000	11,000	3,000	3,000	3,000
4-year college/university	3,000	3,000	2,000	9,000	S	4,000
Other educational institution	1,000	1,000	1,000	2,000	4,000	2,000
Government	3,000	10,000	7,000	3,000	4,000	8,000
Management/administration	1,000	1,000	3,000	500	500	2,000
Business/industry	2,000	3,000	7,000	2,000	2,000	3,000
4-year college/university	7,000	11,000	10,000	8,000	5,000	4,000
Other educational institution	3,000	3,000	3,000	10,000	4,000	S
Government	1,000	4,000	3,000	2,000	3,000	6,000
Sales/marketing	4,000	7,000	7,000	6,000	6,000	11,000
Business/industry	4,000	8,000	S	6,000	5,000	16,000
4-year college/university	4,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social services/related	1,000	3,000	2,000	2,000	4,000	2,000
Business/industry	2,000	4,000	4,000	1,000	7,000	1,000
4-year college/university	2,000	5,000	4,000	3,000	S	5,000
Other educational institution	5,000	S	2,000	8,000	S	2,000
Government	2,000	S	S	5,000	S	3,000
Other non-S&E fields	3,000	4,000	2,000	2,000	3,000	3,000
Business/industry	3,000	3,000	4,000	3,000	6,000	2,000
4-year college/university	4,000	6,000	4,000	6,000	3,000	6,000
Other educational institution	2,000	S	2,000	4,000	S	6,000
Government	3,000	5,000	12,000	3,000	6,000	3,000
Bachelor's degrees, all fields	500	1,000	1,000	1,000	1,000	2,000
Business/industry	1,000	1,000	1,000	1,000	1,000	500
4-year college/university	1,000	3,000	1,000	1,000	3,000	2,000

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other educational institution	1,000	1,000	1,000	1,000	3,000	1,000
Government	500	2,000	4,000	1,000	1,000	1,000
S&E fields	500	1,000	1,000	1,000	500	500
Business/industry	1,000	1,000	2,000	1,000	1,000	1,000
4-year college/university	2,000	2,000	2,000	1,000	3,000	2,000
Other educational institution	1,000	1,000	1,000	1,000	3,000	2,000
Government	500	1,000	5,000	1,000	1,000	1,000
Sciences	500	500	1,000	1,000	500	1,000
Business/industry	1,000	2,000	4,000	500	500	500
4-year college/university	2,000	2,000	3,000	1,000	4,000	2,000
Other educational institution	1,000	1,000	1,000	1,000	2,000	3,000
Government	1,000	1,000	4,000	1,000	2,000	1,000
Biological/agricultural/environmental life sciences	1,000	1,000	1,000	1,000	2,000	500
Business/industry	1,000	1,000	5,000	2,000	3,000	1,000
4-year college/university	1,000	2,000	3,000	3,000	6,000	3,000
Other educational institution	3,000	3,000	2,000	3,000	S	8,000
Government	2,000	3,000	6,000	2,000	4,000	3,000
Agricultural/food sciences	3,000	8,000	4,000	2,000	7,000	3,000
Business/industry	2,000	3,000	S	4,000	7,000	3,000
4-year college/university	4,000	6,000	S	S	S	S
Other educational institution	7,000	S	5,000	S	S	S
Government	5,000	14,000	S	9,000	S	5,000
Biological sciences	1,000	2,000	1,000	1,000	3,000	1,000
Business/industry	2,000	1,000	6,000	2,000	3,000	500
4-year college/university	2,000	2,000	3,000	3,000	12,000	4,000
Other educational institution	1,000	3,000	1,000	4,000	S	S
Government	3,000	2,000	S	2,000	5,000	3,000
Environmental life sciences	2,000	3,000	6,000	5,000	2,000	4,000
Business/industry	5,000	5,000	S	5,000	6,000	10,000
4-year college/university	7,000	S	S	S	S	S
Other educational institution	2,000	S	10,000	S	S	S
Government	5,000	4,000	S	6,000	S	2,000
Computer/mathematical sciences	500	1,000	3,000	3,000	2,000	2,000
Business/industry	1,000	2,000	6,000	2,000	1,000	4,000
4-year college/university	2,000	3,000	2,000	3,000	5,000	9,000
Other educational institution	2,000	2,000	2,000	2,000	3,000	8,000
Government	2,000	1,000	S	4,000	1,000	3,000
Computer/information sciences	2,000	2,000	3,000	3,000	1,000	2,000
Business/industry	2,000	1,000	5,000	1,000	2,000	5,000
4-year college/university	3,000	9,000	S	4,000	4,000	S
Other educational institution	1,000	2,000	6,000	8,000	4,000	S
Government	3,000	1,000	S	2,000	5,000	2,000
Mathematical sciences	3,000	3,000	4,000	5,000	3,000	5,000
Business/industry	2,000	6,000	22,000	3,000	3,000	6,000
4-year college/university	7,000	9,000	1,000	6,000	8,000	S
Other educational institution	3,000	7,000	4,000	5,000	4,000	11,000
Government	3,000	8,000	S	6,000	8,000	8,000
Physical/related sciences	1,000	3,000	5,000	3,000	6,000	2,000
Business/industry	3,000	4,000	7,000	4,000	6,000	3,000
4-year college/university	5,000	1,000	2,000	7,000	20,000	3,000
Other educational institution	5,000	3,000	5,000	1,000	S	S
Government	2,000	4,000	S	5,000	7,000	4,000

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Chemistry, except biochemistry	1,000	2,000	2,000	3,000	3,000	4,000
Business/industry	3,000	5,000	4,000	5,000	10,000	6,000
4-year college/university	3,000	1,000	7,000	4,000	S	5,000
Other educational institution	3,000	S	3,000	1,000	S	S
Government	4,000	5,000	S	6,000	S	10,000
Earth/atmospheric/ocean sciences	2,000	4,000	5,000	4,000	5,000	3,000
Business/industry	5,000	6,000	S	6,000	12,000	3,000
4-year college/university	13,000	12,000	S	S	S	S
Other educational institution	8,000	S	6,000	4,000	S	S
Government	5,000	3,000	S	4,000	7,000	6,000
Physics/astronomy	6,000	4,000	6,000	5,000	9,000	7,000
Business/industry	2,000	5,000	S	6,000	4,000	11,000
4-year college/university	1,000	500	1,000	18,000	5,000	17,000
Other educational institution	17,000	S	15,000	S	S	S
Government	18,000	S	S	38,000	S	S
Other physical sciences	6,000	9,000	S	8,000	30,000	3,000
Business/industry	13,000	28,000	S	19,000	S	3,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	9,000	S	S	S	S	S
Social/related sciences	500	2,000	1,000	1,000	2,000	1,000
Business/industry	1,000	3,000	2,000	1,000	3,000	2,000
4-year college/university	1,000	2,000	3,000	3,000	5,000	1,000
Other educational institution	1,000	2,000	1,000	1,000	4,000	3,000
Government	1,000	3,000	5,000	2,000	3,000	1,000
Economics	3,000	3,000	7,000	1,000	3,000	6,000
Business/industry	2,000	4,000	S	4,000	3,000	7,000
4-year college/university	8,000	S	S	8,000	S	S
Other educational institution	4,000	S	7,000	10,000	S	S
Government	7,000	4,000	S	4,000	7,000	8,000
Political/related sciences	2,000	7,000	3,000	2,000	4,000	3,000
Business/industry	3,000	6,000	13,000	4,000	5,000	5,000
4-year college/university	9,000	4,000	S	12,000	S	S
Other educational institution	3,000	2,000	3,000	6,000	S	S
Government	2,000	4,000	S	2,000	2,000	3,000
Psychology	500	1,000	1,000	1,000	6,000	1,000
Business/industry	1,000	4,000	4,000	3,000	13,000	1,000
4-year college/university	3,000	4,000	S	5,000	S	1,000
Other educational institution	1,000	3,000	1,000	2,000	S	4,000
Government	2,000	8,000	3,000	2,000	5,000	2,000
Sociology/anthropology	1,000	3,000	2,000	1,000	4,000	1,000
Business/industry	1,000	5,000	3,000	2,000	3,000	1,000
4-year college/university	2,000	2,000	2,000	2,000	S	1,000
Other educational institution	3,000	5,000	3,000	3,000	S	7,000
Government	1,000	6,000	7,000	5,000	7,000	3,000
Other social sciences	2,000	1,000	2,000	3,000	2,000	3,000
Business/industry	1,000	4,000	21,000	4,000	5,000	3,000
4-year college/university	3,000	S	S	S	S	S
Other educational institution	2,000	6,000	2,000	2,000	S	31,000
Government	2,000	4,000	S	3,000	1,000	3,000
Engineering	500	500	4,000	1,000	500	2,000
Business/industry	1,000	2,000	8,000	2,000	2,000	1,000

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
4-year college/university	5,000	2,000	12,000	11,000	4,000	5,000
Other educational institution	2,000	3,000	4,000	11,000	S	S
Government	2,000	2,000	S	3,000	1,000	1,000
Aerospace/related engineering	3,000	4,000	16,000	9,000	6,000	12,000
Business/industry	5,000	4,000	S	12,000	6,000	12,000
4-year college/university	13,000	16,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	7,000	10,000	S	9,000	S	22,000
Chemical engineering	3,000	1,000	2,000	4,000	5,000	6,000
Business/industry	4,000	3,000	S	4,000	5,000	7,000
4-year college/university	2,000	1,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	1,000	500	S	3,000	S	11,000
Civil/architectural engineering	2,000	500	9,000	2,000	2,000	4,000
Business/industry	3,000	2,000	S	3,000	3,000	5,000
4-year college/university	19,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	1,000	2,000	S	2,000	1,000	5,000
Electrical/computer engineering	1,000	1,000	5,000	1,000	500	3,000
Business/industry	500	2,000	14,000	2,000	1,000	3,000
4-year college/university	4,000	2,000	S	S	4,000	S
Other educational institution	7,000	S	9,000	S	S	S
Government	3,000	5,000	S	5,000	4,000	7,000
Industrial engineering	2,000	3,000	10,000	3,000	9,000	6,000
Business/industry	3,000	3,000	S	3,000	9,000	7,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	6,000	S	S	7,000	S	S
Mechanical engineering	2,000	1,000	11,000	2,000	2,000	4,000
Business/industry	2,000	2,000	14,000	2,000	2,000	4,000
4-year college/university	23,000	6,000	S	S	S	S
Other educational institution	11,000	S	S	S	S	S
Government	4,000	3,000	S	3,000	17,000	2,000
Other engineering	2,000	4,000	15,000	2,000	7,000	4,000
Business/industry	2,000	3,000	S	2,000	4,000	3,000
4-year college/university	7,000	3,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	4,000	9,000	S	5,000	S	6,000
S&E-related fields	500	2,000	1,000	2,000	2,000	1,000
Business/industry	500	2,000	2,000	2,000	3,000	1,000
4-year college/university	2,000	2,000	2,000	3,000	10,000	1,000
Other educational institution	1,000	3,000	1,000	2,000	12,000	2,000
Government	3,000	6,000	3,000	3,000	4,000	2,000
Health	1,000	2,000	2,000	500	4,000	1,000
Business/industry	1,000	2,000	2,000	500	5,000	1,000
4-year college/university	2,000	2,000	2,000	3,000	12,000	1,000
Other educational institution	2,000	7,000	3,000	3,000	S	3,000
Government	3,000	10,000	4,000	6,000	4,000	3,000
Science/mathematics teacher education	2,000	4,000	1,000	3,000	2,000	5,000
Business/industry	5,000	11,000	S	5,000	4,000	7,000
4-year college/university	S	S	S	S	S	S
Other educational institution	1,000	4,000	1,000	3,000	S	S

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Government	9,000	S	S	S	S	S
Technology/technical fields	2,000	3,000	4,000	3,000	2,000	4,000
Business/industry	3,000	3,000	13,000	3,000	1,000	4,000
4-year college/university	14,000	S	S	S	S	S
Other educational institution	11,000	S	S	S	S	S
Government	3,000	15,000	S	8,000	16,000	S
Other S&E-related fields	4,000	5,000	S	4,000	12,000	3,000
Business/industry	4,000	5,000	S	4,000	7,000	4,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	5,000	S	S	7,000	S	S
Non-S&E fields	1,000	3,000	1,000	2,000	2,000	1,000
Business/industry	2,000	3,000	4,000	1,000	2,000	2,000
4-year college/university	500	3,000	S	2,000	4,000	1,000
Other educational institution	1,000	1,000	1,000	2,000	3,000	2,000
Government	2,000	6,000	6,000	3,000	3,000	2,000
Arts/humanities	2,000	4,000	1,000	4,000	4,000	2,000
Business/industry	3,000	5,000	3,000	5,000	3,000	3,000
4-year college/university	1,000	S	S	1,000	7,000	S
Other educational institution	2,000	S	2,000	500	S	S
Government	5,000	13,000	S	8,000	14,000	15,000
Education, except science/mathematics teacher education	1,000	4,000	1,000	1,000	4,000	3,000
Business/industry	4,000	6,000	S	6,000	4,000	5,000
4-year college/university	S	S	S	S	S	S
Other educational institution	1,000	2,000	1,000	2,000	4,000	4,000
Government	4,000	S	S	6,000	7,000	5,000
Management/administration	500	4,000	4,000	2,000	2,000	2,000
Business/industry	2,000	2,000	6,000	2,000	2,000	4,000
4-year college/university	5,000	S	S	13,000	11,000	S
Other educational institution	2,000	S	2,000	S	5,000	S
Government	6,000	12,000	S	3,000	4,000	7,000
Sales/marketing	4,000	4,000	S	5,000	5,000	8,000
Business/industry	5,000	6,000	S	7,000	10,000	10,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social services/related	3,000	12,000	S	3,000	5,000	6,000
Business/industry	4,000	13,000	S	6,000	9,000	7,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	8,000	S	S	S	S	S
Other non-S&E fields	2,000	5,000	2,000	1,000	1,000	2,000
Business/industry	3,000	4,000	S	3,000	1,000	2,000
4-year college/university	2,000	S	S	S	S	S
Other educational institution	2,000	S	2,000	S	S	S
Government	3,000	7,000	S	6,000	7,000	6,000
Master's degrees, all fields	500	1,000	1,000	1,000	1,000	500
Business/industry	500	500	3,000	500	1,000	500
4-year college/university	2,000	2,000	2,000	1,000	1,000	3,000
Other educational institution	1,000	2,000	1,000	1,000	3,000	1,000
Government	1,000	3,000	3,000	2,000	2,000	2,000

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
S&E fields	2,000	2,000	1,000	1,000	2,000	2,000
Business/industry	1,000	2,000	3,000	2,000	500	3,000
4-year college/university	2,000	3,000	4,000	2,000	3,000	2,000
Other educational institution	1,000	2,000	3,000	2,000	2,000	3,000
Government	2,000	2,000	4,000	3,000	3,000	2,000
Sciences	1,000	1,000	1,000	500	1,000	1,000
Business/industry	2,000	2,000	3,000	2,000	2,000	500
4-year college/university	1,000	2,000	4,000	2,000	2,000	2,000
Other educational institution	2,000	2,000	2,000	2,000	2,000	2,000
Government	2,000	2,000	3,000	3,000	2,000	2,000
Biological/agricultural/environmental life sciences	1,000	3,000	2,000	2,000	3,000	3,000
Business/industry	2,000	3,000	4,000	4,000	3,000	4,000
4-year college/university	2,000	2,000	5,000	5,000	6,000	13,000
Other educational institution	3,000	8,000	3,000	6,000	S	S
Government	2,000	2,000	S	5,000	1,000	4,000
Agricultural/food sciences	2,000	4,000	1,000	10,000	S	8,000
Business/industry	11,000	7,000	S	7,000	S	10,000
4-year college/university	8,000	8,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	4,000	S	S	S	S	S
Biological sciences	1,000	2,000	3,000	3,000	3,000	3,000
Business/industry	2,000	6,000	5,000	4,000	2,000	4,000
4-year college/university	4,000	2,000	9,000	7,000	6,000	11,000
Other educational institution	3,000	S	3,000	9,000	S	S
Government	4,000	2,000	S	8,000	S	5,000
Environmental life sciences	4,000	7,000	3,000	13,000	17,000	3,000
Business/industry	10,000	12,000	S	18,000	S	9,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	8,000	11,000	S	12,000	S	S
Computer/mathematical sciences	1,000	2,000	4,000	2,000	3,000	6,000
Business/industry	2,000	2,000	24,000	1,000	2,000	8,000
4-year college/university	1,000	9,000	5,000	5,000	9,000	S
Other educational institution	6,000	2,000	3,000	7,000	2,000	S
Government	7,000	4,000	S	13,000	9,000	20,000
Computer/information sciences	2,000	2,000	5,000	3,000	1,000	5,000
Business/industry	2,000	1,000	S	1,000	2,000	7,000
4-year college/university	3,000	2,000	9,000	11,000	10,000	S
Other educational institution	5,000	S	7,000	S	S	S
Government	7,000	3,000	S	13,000	11,000	S
Mathematical sciences	3,000	4,000	4,000	5,000	3,000	13,000
Business/industry	3,000	3,000	S	6,000	3,000	14,000
4-year college/university	6,000	6,000	6,000	2,000	7,000	S
Other educational institution	4,000	10,000	3,000	4,000	S	S
Government	8,000	6,000	S	8,000	12,000	S
Physical/related sciences	2,000	3,000	7,000	3,000	2,000	5,000
Business/industry	2,000	3,000	S	3,000	7,000	8,000
4-year college/university	1,000	1,000	3,000	21,000	12,000	16,000
Other educational institution	4,000	11,000	3,000	8,000	S	S
Government	4,000	3,000	S	2,000	2,000	5,000
Chemistry, except biochemistry	3,000	4,000	6,000	8,000	5,000	9,000

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Business/industry	2,000	2,000	S	5,000	4,000	18,000
4-year college/university	1,000	2,000	4,000	S	S	S
Other educational institution	6,000	S	5,000	S	S	S
Government	4,000	5,000	S	S	S	S
Earth/atmospheric/ocean sciences	2,000	4,000	7,000	5,000	4,000	4,000
Business/industry	5,000	6,000	S	12,000	13,000	8,000
4-year college/university	9,000	5,000	S	S	S	S
Other educational institution	4,000	S	5,000	S	S	S
Government	5,000	3,000	S	5,000	S	S
Physics/astronomy	5,000	8,000	9,000	11,000	6,000	23,000
Business/industry	6,000	5,000	S	17,000	8,000	19,000
4-year college/university	3,000	1,000	11,000	S	19,000	S
Other educational institution	14,000	S	14,000	S	S	S
Government	S	S	S	S	S	S
Other physical sciences	16,000	S	S	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social/related sciences	2,000	3,000	2,000	2,000	4,000	500
Business/industry	1,000	5,000	5,000	2,000	11,000	2,000
4-year college/university	1,000	3,000	6,000	4,000	2,000	1,000
Other educational institution	2,000	2,000	3,000	2,000	7,000	2,000
Government	5,000	7,000	4,000	3,000	9,000	4,000
Economics	9,000	6,000	7,000	10,000	3,000	7,000
Business/industry	7,000	10,000	S	14,000	9,000	10,000
4-year college/university	14,000	5,000	6,000	S	S	S
Other educational institution	6,000	S	6,000	S	S	S
Government	16,000	24,000	S	16,000	S	S
Political/related sciences	4,000	9,000	12,000	5,000	13,000	10,000
Business/industry	6,000	10,000	S	9,000	32,000	14,000
4-year college/university	5,000	S	S	S	S	S
Other educational institution	5,000	S	5,000	S	S	S
Government	8,000	6,000	S	10,000	S	14,000
Psychology	1,000	3,000	5,000	1,000	2,000	500
Business/industry	1,000	7,000	5,000	4,000	3,000	1,000
4-year college/university	5,000	6,000	5,000	5,000	S	6,000
Other educational institution	1,000	5,000	2,000	3,000	S	2,000
Government	3,000	20,000	S	5,000	9,000	3,000
Sociology/anthropology	3,000	8,000	9,000	6,000	10,000	7,000
Business/industry	7,000	8,000	S	8,000	S	16,000
4-year college/university	9,000	2,000	11,000	S	S	S
Other educational institution	18,000	S	17,000	S	S	S
Government	11,000	5,000	S	11,000	S	6,000
Other social sciences	5,000	3,000	6,000	4,000	9,000	4,000
Business/industry	6,000	8,000	S	12,000	S	2,000
4-year college/university	6,000	17,000	3,000	12,000	S	S
Other educational institution	3,000	5,000	3,000	3,000	S	S
Government	14,000	24,000	S	12,000	S	3,000
Engineering	500	2,000	4,000	1,000	500	3,000
Business/industry	1,000	500	11,000	3,000	2,000	3,000
4-year college/university	1,000	1,000	10,000	5,000	3,000	12,000

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other educational institution	6,000	S	4,000	S	S	S
Government	2,000	2,000	S	3,000	3,000	5,000
Aerospace/related engineering	3,000	1,000	S	7,000	3,000	3,000
Business/industry	7,000	4,000	S	6,000	6,000	S
4-year college/university	11,000	5,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	4,000	3,000	S	5,000	S	S
Chemical engineering	8,000	4,000	S	11,000	9,000	4,000
Business/industry	5,000	5,000	S	9,000	13,000	6,000
4-year college/university	500	1,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Civil/architectural engineering	2,000	3,000	S	2,000	2,000	7,000
Business/industry	3,000	2,000	S	4,000	3,000	12,000
4-year college/university	2,000	1,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	3,000	2,000	S	3,000	3,000	4,000
Electrical/computer engineering	2,000	2,000	7,000	2,000	1,000	8,000
Business/industry	1,000	1,000	S	3,000	2,000	8,000
4-year college/university	3,000	3,000	33,000	S	5,000	S
Other educational institution	S	S	S	S	S	S
Government	5,000	5,000	S	9,000	3,000	S
Industrial engineering	3,000	2,000	S	3,000	5,000	9,000
Business/industry	3,000	1,000	S	3,000	5,000	8,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	12,000	S	S	S	S	S
Mechanical engineering	2,000	2,000	S	3,000	3,000	8,000
Business/industry	2,000	2,000	S	3,000	3,000	10,000
4-year college/university	25,000	16,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	5,000	9,000	S	13,000	S	S
Other engineering	3,000	2,000	5,000	3,000	3,000	6,000
Business/industry	3,000	3,000	S	3,000	8,000	5,000
4-year college/university	12,000	2,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	3,000	6,000	S	4,000	S	16,000
S&E-related fields	2,000	2,000	2,000	2,000	3,000	1,000
Business/industry	2,000	3,000	3,000	3,000	2,000	2,000
4-year college/university	3,000	6,000	3,000	8,000	6,000	5,000
Other educational institution	1,000	2,000	2,000	1,000	4,000	2,000
Government	2,000	6,000	7,000	4,000	12,000	3,000
Health	3,000	4,000	2,000	2,000	7,000	2,000
Business/industry	1,000	5,000	2,000	2,000	5,000	3,000
4-year college/university	5,000	5,000	6,000	9,000	S	2,000
Other educational institution	1,000	5,000	2,000	2,000	S	1,000
Government	3,000	10,000	6,000	7,000	S	4,000
Science/mathematics teacher education	2,000	4,000	2,000	4,000	4,000	7,000
Business/industry	7,000	S	S	17,000	S	S
4-year college/university	8,000	S	9,000	S	S	S
Other educational institution	1,000	2,000	2,000	1,000	2,000	5,000
Government	S	S	S	S	S	S

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Technology/technical fields	3,000	6,000	S	4,000	5,000	9,000
Business/industry	7,000	6,000	S	8,000	5,000	14,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Other S&E-related fields	3,000	4,000	S	8,000	6,000	8,000
Business/industry	4,000	5,000	S	10,000	S	11,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	8,000	S	S	13,000	S	10,000
Non-S&E fields	500	3,000	500	500	1,000	500
Business/industry	2,000	3,000	3,000	1,000	2,000	1,000
4-year college/university	2,000	2,000	3,000	2,000	4,000	3,000
Other educational institution	1,000	2,000	1,000	1,000	2,000	1,000
Government	2,000	4,000	6,000	5,000	2,000	2,000
Arts/humanities	3,000	13,000	2,000	4,000	3,000	7,000
Business/industry	7,000	13,000	S	8,000	8,000	6,000
4-year college/university	3,000	S	8,000	S	S	S
Other educational institution	4,000	S	4,000	4,000	S	S
Government	8,000	S	S	S	S	S
Education, except science/mathematics teacher education	1,000	1,000	500	1,000	2,000	1,000
Business/industry	7,000	8,000	14,000	5,000	8,000	2,000
4-year college/university	4,000	1,000	3,000	3,000	S	5,000
Other educational institution	1,000	1,000	1,000	1,000	4,000	2,000
Government	4,000	11,000	S	6,000	S	4,000
Management/administration	1,000	1,000	6,000	1,000	1,000	3,000
Business/industry	1,000	4,000	18,000	2,000	3,000	7,000
4-year college/university	4,000	8,000	1,000	10,000	6,000	4,000
Other educational institution	5,000	S	6,000	7,000	S	S
Government	2,000	10,000	S	3,000	2,000	6,000
Sales/marketing	6,000	7,000	S	8,000	7,000	13,000
Business/industry	7,000	9,000	S	6,000	7,000	17,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social services/related	1,000	5,000	3,000	2,000	7,000	1,000
Business/industry	2,000	4,000	5,000	1,000	6,000	2,000
4-year college/university	4,000	S	S	S	S	5,000
Other educational institution	6,000	S	7,000	S	S	1,000
Government	1,000	S	S	5,000	S	3,000
Other non-S&E fields	2,000	6,000	3,000	4,000	4,000	2,000
Business/industry	5,000	5,000	S	7,000	9,000	5,000
4-year college/university	3,000	6,000	9,000	2,000	S	S
Other educational institution	4,000	S	2,000	S	S	S
Government	7,000	13,000	S	5,000	6,000	7,000
Doctorate degrees, all fields	1,000	2,000	1,000	2,000	3,000	2,000
Business/industry	1,000	2,000	9,000	3,000	3,000	2,000
4-year college/university	1,000	1,000	1,000	2,000	2,000	3,000
Other educational institution	4,000	5,000	3,000	6,000	2,000	3,000
Government	3,000	2,000	5,000	3,000	5,000	500
S&E fields	1,000	500	1,000	1,000	2,000	2,000
Business/industry	2,000	1,000	7,000	500	1,000	2,000

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
4-year college/university	1,000	1,000	1,000	2,000	3,000	1,000
Other educational institution	1,000	3,000	2,000	3,000	7,000	1,000
Government	1,000	2,000	4,000	2,000	4,000	2,000
Sciences	500	2,000	1,000	1,000	3,000	500
Business/industry	1,000	1,000	7,000	1,000	3,000	1,000
4-year college/university	1,000	1,000	1,000	1,000	2,000	1,000
Other educational institution	1,000	3,000	1,000	3,000	15,000	1,000
Government	2,000	1,000	5,000	1,000	3,000	2,000
Biological/agricultural/environmental life sciences	500	1,000	2,000	3,000	4,000	3,000
Business/industry	2,000	2,000	16,000	2,000	6,000	3,000
4-year college/university	1,000	2,000	1,000	2,000	5,000	5,000
Other educational institution	2,000	4,000	1,000	2,000	S	3,000
Government	2,000	4,000	S	2,000	6,000	7,000
Agricultural/food sciences	1,000	2,000	4,000	5,000	5,000	3,000
Business/industry	6,000	4,000	S	10,000	4,000	10,000
4-year college/university	2,000	3,000	3,000	8,000	S	11,000
Other educational institution	8,000	S	S	S	S	S
Government	4,000	6,000	S	7,000	S	S
Biological sciences	500	2,000	2,000	2,000	5,000	4,000
Business/industry	1,000	2,000	19,000	1,000	7,000	4,000
4-year college/university	2,000	2,000	2,000	2,000	3,000	6,000
Other educational institution	1,000	5,000	1,000	2,000	S	2,000
Government	2,000	5,000	S	3,000	6,000	4,000
Environmental life sciences	1,000	2,000	4,000	5,000	S	5,000
Business/industry	8,000	12,000	S	5,000	S	S
4-year college/university	6,000	7,000	5,000	6,000	S	S
Other educational institution	S	S	S	S	S	S
Government	2,000	2,000	S	3,000	S	S
Computer/mathematical sciences	2,000	4,000	4,000	3,000	3,000	14,000
Business/industry	5,000	5,000	S	3,000	2,000	43,000
4-year college/university	4,000	6,000	4,000	4,000	7,000	7,000
Other educational institution	5,000	S	7,000	S	S	S
Government	4,000	7,000	S	16,000	7,000	S
Computer/information sciences	6,000	7,000	2,000	2,000	2,000	60,000
Business/industry	1,000	4,000	S	3,000	3,000	500
4-year college/university	2,000	4,000	3,000	8,000	16,000	S
Other educational institution	S	S	S	S	S	S
Government	9,000	9,000	S	S	S	S
Mathematical sciences	3,000	4,000	3,000	8,000	2,000	5,000
Business/industry	4,000	5,000	S	6,000	5,000	14,000
4-year college/university	3,000	5,000	4,000	3,000	9,000	4,000
Other educational institution	6,000	S	7,000	S	S	S
Government	5,000	7,000	S	26,000	8,000	S
Physical/related sciences	1,000	1,000	1,000	1,000	4,000	3,000
Business/industry	1,000	2,000	67,000	2,000	2,000	3,000
4-year college/university	1,000	2,000	1,000	2,000	4,000	5,000
Other educational institution	1,000	7,000	2,000	7,000	S	14,000
Government	3,000	5,000	S	8,000	2,000	13,000
Chemistry, except biochemistry	1,000	500	1,000	3,000	1,000	2,000
Business/industry	3,000	3,000	16,000	2,000	1,000	3,000
4-year college/university	2,000	1,000	1,000	6,000	5,000	6,000
Other educational institution	2,000	S	2,000	5,000	S	S

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Government	6,000	5,000	S	10,000	S	18,000
Earth/atmospheric/ocean sciences	3,000	3,000	2,000	4,000	3,000	8,000
Business/industry	6,000	5,000	S	2,000	5,000	19,000
4-year college/university	2,000	3,000	2,000	7,000	11,000	S
Other educational institution	4,000	S	5,000	S	S	S
Government	7,000	6,000	S	14,000	13,000	8,000
Physics/astronomy	2,000	3,000	1,000	4,000	4,000	6,000
Business/industry	2,000	3,000	S	2,000	4,000	9,000
4-year college/university	2,000	3,000	3,000	7,000	9,000	10,000
Other educational institution	5,000	S	5,000	S	S	S
Government	3,000	4,000	S	6,000	7,000	6,000
Other physical sciences	29,000	10,000	500	500	S	S
Business/industry	72,000	30,000	S	S	S	S
4-year college/university	16,000	4,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	9,000	S	S	S	S	S
Social/related sciences	1,000	1,000	500	500	3,000	500
Business/industry	1,000	4,000	7,000	500	4,000	2,000
4-year college/university	1,000	1,000	500	1,000	3,000	500
Other educational institution	2,000	3,000	2,000	3,000	S	2,000
Government	1,000	3,000	8,000	2,000	4,000	2,000
Economics	3,000	3,000	3,000	5,000	10,000	9,000
Business/industry	7,000	13,000	S	9,000	9,000	13,000
4-year college/university	2,000	1,000	3,000	8,000	S	3,000
Other educational institution	S	S	S	S	S	S
Government	7,000	7,000	S	11,000	S	13,000
Political/related sciences	1,000	3,000	1,000	5,000	14,000	6,000
Business/industry	16,000	19,000	S	22,000	S	25,000
4-year college/university	500	4,000	3,000	6,000	S	3,000
Other educational institution	10,000	S	7,000	S	S	S
Government	12,000	15,000	S	13,000	S	4,000
Psychology	500	1,000	500	1,000	5,000	500
Business/industry	500	2,000	4,000	4,000	7,000	5,000
4-year college/university	1,000	2,000	500	2,000	5,000	1,000
Other educational institution	1,000	4,000	2,000	7,000	S	2,000
Government	1,000	4,000	6,000	1,000	8,000	1,000
Sociology/anthropology	500	2,000	1,000	2,000	3,000	2,000
Business/industry	1,000	2,000	S	4,000	S	7,000
4-year college/university	3,000	3,000	1,000	3,000	S	3,000
Other educational institution	5,000	S	15,000	10,000	S	S
Government	3,000	3,000	S	5,000	S	6,000
Other social sciences	3,000	3,000	2,000	2,000	5,000	8,000
Business/industry	10,000	13,000	S	16,000	15,000	8,000
4-year college/university	2,000	2,000	2,000	4,000	S	10,000
Other educational institution	5,000	4,000	7,000	7,000	S	S
Government	3,000	6,000	S	3,000	S	S
Engineering	2,000	500	1,000	2,000	1,000	6,000
Business/industry	1,000	2,000	10,000	2,000	4,000	7,000
4-year college/university	1,000	2,000	1,000	4,000	13,000	8,000
Other educational institution	8,000	S	8,000	S	S	S
Government	2,000	2,000	S	6,000	6,000	22,000
Aerospace/related engineering	8,000	7,000	10,000	5,000	9,000	S

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Business/industry	10,000	9,000	S	8,000	12,000	S
4-year college/university	7,000	6,000	6,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	9,000	8,000	S	S	S	S
Chemical engineering	4,000	3,000	3,000	4,000	9,000	21,000
Business/industry	2,000	2,000	S	4,000	9,000	7,000
4-year college/university	9,000	11,000	8,000	22,000	S	S
Other educational institution	S	S	S	S	S	S
Government	19,000	21,000	S	S	S	S
Civil/architectural engineering	1,000	1,000	3,000	5,000	5,000	10,000
Business/industry	4,000	5,000	S	7,000	7,000	21,000
4-year college/university	5,000	5,000	3,000	9,000	S	S
Other educational institution	S	S	S	S	S	S
Government	8,000	4,000	S	13,000	S	S
Electrical/computer engineering	500	500	3,000	5,000	5,000	1,000
Business/industry	1,000	1,000	S	1,000	500	1,000
4-year college/university	4,000	5,000	4,000	9,000	9,000	S
Other educational institution	S	S	S	S	S	S
Government	9,000	13,000	S	12,000	S	S
Industrial engineering	5,000	3,000	7,000	4,000	5,000	S
Business/industry	4,000	6,000	S	4,000	4,000	S
4-year college/university	7,000	7,000	5,000	9,000	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Mechanical engineering	1,000	2,000	3,000	2,000	1,000	10,000
Business/industry	4,000	3,000	S	3,000	1,000	12,000
4-year college/university	3,000	5,000	3,000	12,000	S	S
Other educational institution	S	S	S	S	S	S
Government	3,000	3,000	S	S	S	S
Other engineering	2,000	2,000	4,000	3,000	1,000	3,000
Business/industry	3,000	3,000	S	4,000	1,000	4,000
4-year college/university	2,000	3,000	3,000	7,000	24,000	17,000
Other educational institution	5,000	S	5,000	S	S	S
Government	2,000	3,000	S	7,000	9,000	S
S&E-related fields	2,000	6,000	3,000	8,000	12,000	12,000
Business/industry	5,000	20,000	22,000	8,000	6,000	16,000
4-year college/university	1,000	1,000	3,000	3,000	20,000	8,000
Other educational institution	6,000	S	8,000	19,000	S	S
Government	5,000	2,000	S	3,000	S	1,000
Health	2,000	3,000	4,000	5,000	5,000	13,000
Business/industry	11,000	10,000	34,000	7,000	7,000	15,000
4-year college/university	4,000	4,000	3,000	5,000	19,000	13,000
Other educational institution	20,000	S	10,000	S	S	S
Government	4,000	2,000	S	2,000	S	1,000
Science/mathematics teacher education	6,000	7,000	6,000	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	4,000	5,000	5,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Technology/technical fields	4,000	S	S	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	S	S	S	S	S	S

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Other S&E-related fields	S	S	S	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Non-S&E fields	2,000	3,000	1,000	8,000	4,000	5,000
Business/industry	5,000	9,000	8,000	6,000	S	6,000
4-year college/university	2,000	5,000	2,000	10,000	S	7,000
Other educational institution	2,000	4,000	3,000	12,000	S	5,000
Government	14,000	S	S	S	S	S
Arts/humanities	5,000	16,000	4,000	12,000	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	7,000	15,000	5,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Education, except science/mathematics teacher education	3,000	2,000	1,000	3,000	S	7,000
Business/industry	12,000	S	S	S	S	15,000
4-year college/university	6,000	3,000	2,000	5,000	S	27,000
Other educational institution	6,000	S	3,000	12,000	S	10,000
Government	S	S	S	S	S	S
Management/administration	9,000	10,000	7,000	6,000	S	S
Business/industry	11,000	S	S	S	S	S
4-year college/university	7,000	7,000	7,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Sales/marketing	S	S	S	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social services/related	6,000	8,000	7,000	5,000	S	11,000
Business/industry	9,000	S	S	S	S	12,000
4-year college/university	9,000	12,000	10,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Other non-S&E fields	10,000	8,000	3,000	23,000	S	7,000
Business/industry	20,000	S	S	S	S	S

TABLE A-22. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2003
(Dollars)

Level and field of highest degree and employment sector	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
4-year college/university	6,000	5,000	5,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S

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

S&E = science and engineering.

[a] Total includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received a bachelor's or higher degree in a science or engineering (S&E) or S&E-related field, plus any person holding a non-S&E bachelor's or higher degree who was employed in a S&E or S&E-related occupation in 2003. See http://sestat.nsf.gov/docs/ed03maj.html for a detailed description of the educational field classification and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational classification. Business/industry includes self-employed individuals, nonprofit organizations, and other unspecified. 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. Government includes federal, military, state, and local employers. 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.