

TABLE A-21. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2003  
(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
All degree levels and fields <sup>a</sup>	1,000	1,000	1,000	3,000	500	1,000	1,000	1,000	500	1,000	1,000
Male	1,000	1,000	500	6,000	3,000	1,000	2,000	1,000	1,000	1,000	1,000
Female	500	1,000	500	500	2,000	500	1,000	1,000	1,000	2,000	1,000
S&E fields	500	500	500	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	500	500	500	4,000	2,000	1,000	1,000	500	1,000	3,000	1,000
Female	500	1,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	3,000	1,000
Sciences	1,000	1,000	2,000	2,000	1,000	1,000	500	1,000	500	1,000	1,000
Male	500	2,000	2,000	1,000	3,000	1,000	1,000	500	2,000	2,000	2,000
Female	1,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	3,000	1,000
Biological/agricultural/environmental life sciences	1,000	1,000	1,000	5,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000
Male	500	1,000	2,000	7,000	2,000	1,000	1,000	2,000	2,000	4,000	2,000
Female	1,000	1,000	1,000	3,000	2,000	1,000	1,000	3,000	2,000	3,000	3,000
Agricultural/food sciences	2,000	3,000	1,000	5,000	3,000	4,000	3,000	7,000	5,000	8,000	6,000
Male	3,000	4,000	3,000	5,000	11,000	10,000	5,000	19,000	8,000	9,000	6,000
Female	4,000	6,000	5,000	5,000	1,000	2,000	3,000	9,000	7,000	13,000	14,000
Biological sciences	500	2,000	1,000	7,000	2,000	1,000	1,000	1,000	1,000	5,000	3,000
Male	2,000	3,000	4,000	5,000	3,000	1,000	1,000	4,000	3,000	4,000	2,000
Female	1,000	500	2,000	5,000	4,000	1,000	1,000	3,000	3,000	3,000	3,000
Environmental life sciences	2,000	5,000	4,000	5,000	3,000	3,000	3,000	5,000	4,000	9,000	4,000
Male	4,000	5,000	5,000	6,000	4,000	5,000	10,000	5	7,000	12,000	8,000
Female	2,000	5,000	5,000	5	3,000	7,000	6,000	4,000	10,000	22,000	8,000
Computer/mathematical sciences	500	1,000	1,000	4,000	6,000	1,000	2,000	3,000	3,000	5,000	2,000
Male	2,000	2,000	2,000	2,000	5,000	2,000	3,000	2,000	3,000	6,000	5,000
Female	2,000	3,000	1,000	3,000	5,000	2,000	2,000	3,000	2,000	4,000	5,000
Computer/information sciences	2,000	1,000	1,000	5,000	7,000	1,000	3,000	3,000	5,000	6,000	2,000
Male	1,000	3,000	2,000	2,000	4,000	3,000	4,000	4,000	5,000	8,000	5,000
Female	2,000	1,000	2,000	5,000	7,000	3,000	500	3,000	4,000	6,000	6,000
Mathematical sciences	3,000	3,000	1,000	6,000	7,000	1,000	3,000	1,000	1,000	7,000	8,000
Male	3,000	4,000	4,000	11,000	20,000	3,000	3,000	3,000	3,000	9,000	13,000
Female	3,000	5,000	5,000	7,000	5,000	3,000	2,000	5,000	2,000	11,000	4,000
Physical/related sciences	2,000	2,000	2,000	5,000	15,000	2,000	2,000	2,000	3,000	2,000	2,000
Male	1,000	2,000	2,000	6,000	14,000	2,000	1,000	3,000	3,000	5,000	4,000
Female	3,000	2,000	3,000	10,000	7,000	3,000	3,000	3,000	4,000	8,000	2,000
Chemistry, except biochemistry	2,000	3,000	2,000	7,000	17,000	2,000	3,000	3,000	4,000	3,000	8,000

TABLE A-21. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2003  
(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
Male	3,000	2,000	1,000	10,000	37,000	3,000	4,000	6,000	4,000	9,000	8,000
Female	1,000	4,000	4,000	1,000	12,000	2,000	3,000	8,000	10,000	9,000	4,000
Earth/atmospheric/ocean sciences	3,000	4,000	3,000	7,000	15,000	6,000	4,000	10,000	3,000	8,000	3,000
Male	3,000	4,000	4,000	7,000	125,000	5,000	2,000	14,000	3,000	9,000	3,000
Female	2,000	9,000	6,000	S	12,000	6,000	11,000	6,000	4,000	13,000	5,000
Physics/astronomy	3,000	3,000	5,000	15,000	5,000	4,000	1,000	13,000	6,000	6,000	43,000
Male	2,000	5,000	3,000	21,000	6,000	3,000	1,000	5,000	5,000	4,000	17,000
Female	7,000	4,000	4,000	S	S	9,000	10,000	8,000	5,000	5,000	S
Other physical sciences	6,000	15,000	26,000	S	S	4,000	13,000	S	4,000	19,000	4,000
Male	8,000	4,000	6,000	S	S	25,000	26,000	S	5,000	29,000	S
Female	5,000	5,000	9,000	S	S	6,000	3,000	S	26,000	S	S
Social/related sciences	1,000	1,000	500	3,000	2,000	1,000	2,000	1,000	2,000	3,000	1,000
Male	2,000	3,000	2,000	4,000	2,000	2,000	4,000	500	2,000	6,000	2,000
Female	1,000	1,000	2,000	4,000	1,000	1,000	2,000	1,000	1,000	4,000	1,000
Economics	1,000	2,000	4,000	10,000	11,000	3,000	6,000	2,000	4,000	6,000	5,000
Male	4,000	4,000	5,000	13,000	12,000	7,000	7,000	2,000	6,000	6,000	5,000
Female	3,000	3,000	5,000	5,000	14,000	4,000	2,000	5,000	5,000	4,000	16,000
Political/related sciences	2,000	2,000	2,000	4,000	3,000	2,000	4,000	4,000	5,000	2,000	2,000
Male	2,000	2,000	5,000	8,000	10,000	4,000	4,000	3,000	5,000	3,000	2,000
Female	2,000	2,000	4,000	3,000	5,000	2,000	7,000	3,000	5,000	16,000	4,000
Psychology	2,000	1,000	2,000	3,000	1,000	1,000	1,000	1,000	1,000	6,000	1,000
Male	1,000	4,000	3,000	3,000	5,000	5,000	6,000	8,000	3,000	10,000	3,000
Female	500	2,000	3,000	3,000	2,000	2,000	2,000	2,000	2,000	9,000	2,000
Sociology/anthropology	1,000	2,000	2,000	4,000	1,000	1,000	1,000	3,000	1,000	4,000	1,000
Male	1,000	3,000	3,000	7,000	6,000	5,000	5,000	6,000	5,000	7,000	2,000
Female	1,000	2,000	2,000	5,000	1,000	1,000	1,000	4,000	3,000	3,000	4,000
Other social sciences	1,000	1,000	3,000	6,000	2,000	2,000	4,000	2,000	4,000	3,000	5,000
Male	3,000	4,000	8,000	11,000	6,000	5,000	6,000	8,000	2,000	3,000	4,000
Female	1,000	3,000	4,000	6,000	3,000	2,000	2,000	1,000	4,000	27,000	3,000
Engineering	1,000	500	1,000	2,000	5,000	3,000	2,000	1,000	2,000	1,000	1,000
Male	500	1,000	1,000	2,000	8,000	2,000	3,000	5,000	1,000	2,000	2,000
Female	2,000	1,000	1,000	9,000	18,000	3,000	3,000	5,000	2,000	5,000	4,000
Aerospace/related engineering	3,000	5,000	5,000	22,000	59,000	2,000	2,000	S	7,000	5,000	S
Male	4,000	5,000	4,000	26,000	S	6,000	10,000	S	6,000	4,000	S

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Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Female	15,000	15,000	8,000	S	S	7,000	1,000	S	29,000	29,000	S
Chemical engineering	3,000	3,000	3,000	12,000	33,000	6,000	9,000	2,000	2,000	6,000	5,000
Male	3,000	2,000	3,000	12,000	3,000	5,000	6,000	S	1,000	3,000	10,000
Female	1,000	2,000	2,000	S	S	3,000	2,000	S	4,000	12,000	S
Civil/architectural engineering	2,000	2,000	1,000	4,000	12,000	12,000	3,000	4,000	2,000	3,000	2,000
Male	500	2,000	2,000	9,000	14,000	7,000	3,000	S	3,000	3,000	2,000
Female	2,000	2,000	3,000	S	S	14,000	12,000	S	2,000	3,000	4,000
Electrical/computer engineering	2,000	500	1,000	6,000	8,000	2,000	3,000	9,000	2,000	2,000	6,000
Male	500	1,000	2,000	9,000	7,000	5,000	3,000	15,000	2,000	3,000	6,000
Female	2,000	4,000	3,000	S	S	7,000	18,000	8,000	10,000	13,000	S
Industrial engineering	3,000	2,000	2,000	25,000	S	14,000	7,000	S	8,000	8,000	11,000
Male	2,000	2,000	2,000	S	S	20,000	1,000	S	6,000	7,000	S
Female	8,000	9,000	10,000	S	S	500	10,000	S	19,000	S	S
Mechanical engineering	2,000	2,000	1,000	18,000	12,000	9,000	7,000	12,000	3,000	5,000	8,000
Male	1,000	1,000	500	17,000	11,000	5,000	5,000	11,000	3,000	5,000	8,000
Female	5,000	5,000	3,000	S	S	6,000	16,000	S	16,000	19,000	S
Other engineering	2,000	1,000	3,000	13,000	7,000	6,000	4,000	7,000	2,000	5,000	1,000
Male	2,000	3,000	2,000	12,000	8,000	2,000	7,000	13,000	4,000	5,000	4,000
Female	4,000	5,000	3,000	S	S	3,000	9,000	S	5,000	3,000	6,000
S&E-related fields	500	500	2,000	3,000	1,000	1,000	2,000	1,000	2,000	2,000	2,000
Male	1,000	500	500	8,000	2,000	2,000	4,000	2,000	2,000	5,000	4,000
Female	1,000	1,000	500	4,000	2,000	2,000	1,000	1,000	1,000	2,000	1,000
Health	1,000	500	1,000	4,000	2,000	1,000	3,000	1,000	1,000	2,000	2,000
Male	2,000	1,000	2,000	11,000	5,000	7,000	9,000	11,000	3,000	6,000	3,000
Female	2,000	500	500	3,000	2,000	1,000	1,000	1,000	1,000	3,000	1,000
Science/mathematics teacher education	1,000	4,000	4,000	8,000	7,000	1,000	4,000	1,000	4,000	4,000	5,000
Male	2,000	4,000	14,000	S	S	2,000	11,000	1,000	10,000	S	S
Female	1,000	4,000	2,000	S	S	1,000	6,000	1,000	16,000	S	S
Technology/technical fields	2,000	1,000	1,000	6,000	7,000	7,000	12,000	7,000	7,000	7,000	4,000
Male	2,000	500	2,000	9,000	7,000	6,000	14,000	6,000	7,000	12,000	5,000
Female	6,000	7,000	9,000	S	S	S	S	S	S	S	S
Other S&E-related fields	3,000	3,000	4,000	7,000	13,000	5,000	4,000	S	5,000	8,000	5,000
Male	4,000	3,000	3,000	5,000	S	5,000	5,000	S	6,000	S	5,000
Female	3,000	4,000	4,000	7,000	S	24,000	S	S	8,000	S	9,000

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(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
Non-S&E fields	1,000	2,000	1,000	2,000	2,000	500	1,000	1,000	1,000	3,000	1,000
Male	1,000	2,000	1,000	3,000	3,000	1,000	2,000	1,000	2,000	3,000	2,000
Female	1,000	1,000	2,000	6,000	2,000	1,000	2,000	1,000	1,000	4,000	2,000
Arts/humanities	1,000	3,000	2,000	16,000	6,000	2,000	1,000	2,000	5,000	10,000	5,000
Male	3,000	4,000	1,000	15,000	2,000	4,000	2,000	5,000	6,000	8,000	10,000
Female	1,000	4,000	5,000	9,000	2,000	2,000	2,000	3,000	6,000	S	3,000
Education, except science/mathematics education teacher	1,000	3,000	3,000	10,000	3,000	1,000	3,000	1,000	3,000	11,000	5,000
Male	500	4,000	5,000	15,000	3,000	2,000	7,000	2,000	7,000	7,000	6,000
Female	1,000	3,000	4,000	7,000	7,000	1,000	2,000	1,000	6,000	18,000	4,000
Management/administration	1,000	2,000	500	2,000	2,000	3,000	7,000	3,000	1,000	3,000	3,000
Male	1,000	2,000	2,000	4,000	10,000	5,000	4,000	5,000	3,000	3,000	2,000
Female	1,000	2,000	3,000	3,000	4,000	2,000	3,000	2,000	2,000	5,000	6,000
Sales/marketing	4,000	4,000	6,000	4,000	S	4,000	4,000	S	S	S	S
Male	8,000	6,000	6,000	S	S	3,000	S	S	S	S	S
Female	6,000	6,000	5,000	S	S	S	S	S	S	S	S
Social services/related	1,000	2,000	1,000	5,000	500	2,000	2,000	5,000	2,000	7,000	3,000
Male	2,000	3,000	8,000	6,000	4,000	2,000	3,000	3,000	3,000	S	4,000
Female	1,000	1,000	3,000	7,000	1,000	5,000	4,000	7,000	3,000	S	3,000
Other non-S&E fields	3,000	3,000	3,000	8,000	3,000	2,000	4,000	2,000	3,000	6,000	2,000
Male	3,000	4,000	5,000	3,000	8,000	3,000	5,000	4,000	4,000	7,000	3,000
Female	2,000	3,000	4,000	5,000	3,000	2,000	4,000	3,000	3,000	11,000	1,000
Bachelor's degrees	500	1,000	500	2,000	1,000	1,000	1,000	1,000	500	2,000	500
Male	500	500	1,000	4,000	2,000	1,000	3,000	1,000	1,000	2,000	500
Female	500	1,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	3,000	1,000
S&E fields	500	1,000	500	2,000	1,000	500	2,000	1,000	500	3,000	500
Male	1,000	500	1,000	2,000	4,000	1,000	2,000	1,000	1,000	2,000	500
Female	1,000	1,000	1,000	3,000	1,000	500	1,000	1,000	4,000	2,000	1,000
Sciences	500	1,000	1,000	1,000	2,000	1,000	2,000	1,000	1,000	3,000	1,000
Male	1,000	500	1,000	1,000	3,000	3,000	2,000	1,000	1,000	500	2,000
Female	500	1,000	500	1,000	1,000	500	1,000	1,000	1,000	2,000	1,000
Biological/agricultural/environmental life sciences	1,000	1,000	1,000	5,000	3,000	1,000	1,000	3,000	2,000	4,000	2,000
Male	2,000	1,000	1,000	5,000	6,000	2,000	3,000	2,000	1,000	5,000	3,000
Female	1,000	3,000	1,000	4,000	2,000	2,000	2,000	3,000	3,000	4,000	3,000
Agricultural/food sciences	3,000	2,000	4,000	5,000	S	3,000	4,000	7,000	5,000	9,000	6,000

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		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
Male	3,000	4,000	4,000	6,000	S	7,000	S	S	7,000	12,000	6,000
Female	5,000	6,000	6,000	5,000	S	9,000	8,000	S	10,000	S	S
Biological sciences	1,000	2,000	1,000	7,000	1,000	1,000	2,000	1,000	3,000	4,000	3,000
Male	2,000	2,000	3,000	8,000	7,000	2,000	3,000	1,000	2,000	5,000	2,000
Female	1,000	2,000	1,000	5,000	4,000	2,000	2,000	4,000	2,000	3,000	2,000
Environmental life sciences	2,000	5,000	5,000	S	5,000	3,000	7,000	2,000	5,000	12,000	6,000
Male	4,000	6,000	6,000	S	S	5,000	S	S	8,000	13,000	10,000
Female	2,000	4,000	6,000	S	S	3,000	S	S	12,000	S	8,000
Computer/mathematical sciences	500	1,000	3,000	5,000	5,000	500	2,000	2,000	2,000	2,000	1,000
Male	2,000	2,000	2,000	4,000	3,000	3,000	3,000	4,000	4,000	2,000	3,000
Female	5,000	3,000	3,000	6,000	5,000	3,000	8,000	4,000	3,000	5,000	6,000
Computer/information sciences	2,000	2,000	1,000	4,000	9,000	3,000	3,000	1,000	3,000	3,000	1,000
Male	1,000	2,000	1,000	17,000	5,000	4,000	3,000	5,000	2,000	5,000	4,000
Female	2,000	3,000	3,000	5,000	7,000	3,000	3,000	3,000	6,000	9,000	6,000
Mathematical sciences	3,000	2,000	4,000	6,000	6,000	3,000	7,000	3,000	3,000	4,000	8,000
Male	2,000	4,000	3,000	10,000	19,000	3,000	5,000	3,000	5,000	2,000	10,000
Female	3,000	5,000	6,000	S	6,000	4,000	8,000	4,000	5,000	10,000	3,000
Physical/related sciences	1,000	3,000	2,000	3,000	20,000	2,000	5,000	5,000	2,000	7,000	3,000
Male	3,000	3,000	4,000	4,000	33,000	4,000	2,000	1,000	4,000	10,000	3,000
Female	1,000	4,000	2,000	2,000	10,000	3,000	4,000	7,000	2,000	17,000	3,000
Chemistry, except biochemistry	1,000	3,000	4,000	13,000	21,000	2,000	3,000	3,000	4,000	3,000	9,000
Male	3,000	3,000	4,000	S	S	6,000	2,000	2,000	5,000	9,000	10,000
Female	4,000	2,000	4,000	S	15,000	3,000	3,000	6,000	16,000	S	S
Earth/atmospheric/ocean sciences	2,000	5,000	6,000	6,000	S	6,000	13,000	8,000	5,000	6,000	7,000
Male	3,000	6,000	7,000	6,000	S	6,000	6,000	7,000	2,000	8,000	4,000
Female	3,000	10,000	7,000	S	S	10,000	5,000	S	5,000	S	S
Physics/astronomy	6,000	2,000	3,000	S	S	3,000	1,000	17,000	18,000	28,000	S
Male	3,000	4,000	5,000	S	S	3,000	1,000	S	17,000	16,000	S
Female	11,000	13,000	11,000	S	S	6,000	6,000	S	S	S	S
Other physical sciences	6,000	13,000	23,000	S	S	S	S	S	9,000	S	S
Male	14,000	3,000	3,000	S	S	S	S	S	S	S	S
Female	4,000	5,000	10,000	S	S	S	S	S	S	S	S
Social/related sciences	500	1,000	2,000	2,000	1,000	500	1,000	1,000	1,000	3,000	1,000
Male	2,000	2,000	1,000	3,000	3,000	3,000	2,000	2,000	2,000	4,000	2,000





TABLE A-21. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2003  
(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Male	6,000	6,000	8,000	S	S	S	S	S	S	S	S
Female	7,000	8,000	7,000	S	S	S	S	S	S	S	S
Social services/related	3,000	4,000	3,000	S	S	S	S	S	8,000	S	S
Male	4,000	7,000	6,000	S	S	S	S	S	S	S	S
Female	6,000	6,000	10,000	S	S	S	S	S	S	S	S
Other non-S&E fields	2,000	3,000	3,000	9,000	6,000	1,000	2,000	2,000	3,000	6,000	2,000
Male	2,000	5,000	6,000	S	S	5,000	S	S	7,000	5,000	7,000
Female	1,000	2,000	4,000	S	5,000	2,000	S	2,000	4,000	S	3,000
Master's degrees	500	500	2,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000	2,000
Male	1,000	500	1,000	4,000	2,000	1,000	2,000	1,000	500	2,000	1,000
Female	500	1,000	1,000	1,000	2,000	500	1,000	1,000	2,000	4,000	1,000
S&E fields	2,000	1,000	2,000	5,000	2,000	1,000	2,000	1,000	2,000	1,000	3,000
Male	1,000	1,000	1,000	4,000	5,000	2,000	3,000	2,000	1,000	2,000	3,000
Female	1,000	1,000	3,000	4,000	1,000	500	1,000	1,000	3,000	5,000	2,000
Sciences	1,000	2,000	2,000	2,000	1,000	1,000	1,000	2,000	2,000	2,000	1,000
Male	1,000	3,000	1,000	6,000	5,000	3,000	3,000	2,000	4,000	4,000	1,000
Female	1,000	2,000	4,000	4,000	1,000	1,000	1,000	2,000	2,000	5,000	4,000
Biological/agricultural/environmental life sciences	1,000	2,000	4,000	9,000	4,000	2,000	2,000	3,000	2,000	5,000	3,000
Male	2,000	4,000	6,000	12,000	6,000	2,000	3,000	5,000	2,000	5,000	3,000
Female	3,000	3,000	1,000	S	3,000	3,000	2,000	3,000	7,000	7,000	8,000
Agricultural/food sciences	2,000	11,000	10,000	S	S	5,000	8,000	S	4,000	S	S
Male	3,000	9,000	12,000	S	S	6,000	6,000	S	S	S	S
Female	10,000	12,000	5,000	S	S	2,000	S	S	S	S	S
Biological sciences	1,000	2,000	3,000	15,000	5,000	2,000	4,000	3,000	4,000	4,000	5,000
Male	2,000	7,000	6,000	S	7,000	2,000	5,000	5,000	3,000	5,000	3,000
Female	2,000	3,000	1,000	S	6,000	1,000	2,000	3,000	10,000	9,000	10,000
Environmental life sciences	4,000	10,000	12,000	S	S	2,000	S	S	8,000	18,000	S
Male	5,000	16,000	18,000	S	S	S	S	S	8,000	S	S
Female	6,000	6,000	15,000	S	S	S	S	S	S	S	S
Computer/mathematical sciences	1,000	2,000	1,000	8,000	6,000	2,000	1,000	6,000	7,000	10,000	4,000
Male	1,000	1,000	1,000	18,000	13,000	3,000	2,000	6,000	9,000	9,000	7,000
Female	4,000	3,000	2,000	S	10,000	1,000	1,000	7,000	1,000	12,000	9,000
Computer/information sciences	2,000	2,000	2,000	8,000	10,000	3,000	3,000	5,000	7,000	12,000	6,000
Male	3,000	1,000	1,000	S	16,000	4,000	7,000	2,000	11,000	12,000	10,000

TABLE A-21. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2003  
(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Female	4,000	3,000	3,000	S	14,000	1,000	1,000	11,000	3,000	15,000	10,000
Mathematical sciences	3,000	3,000	3,000	S	S	4,000	6,000	4,000	8,000	20,000	12,000
Male	2,000	4,000	4,000	S	S	4,000	7,000	2,000	10,000	S	S
Female	3,000	9,000	8,000	S	S	3,000	6,000	6,000	9,000	S	S
Physical/related sciences	2,000	2,000	2,000	8,000	20,000	4,000	1,000	4,000	4,000	4,000	7,000
Male	3,000	2,000	5,000	11,000	S	6,000	6,000	6,000	3,000	5,000	9,000
Female	5,000	7,000	7,000	S	S	8,000	1,000	11,000	4,000	6,000	11,000
Chemistry, except biochemistry	3,000	2,000	2,000	S	S	9,000	1,000	6,000	4,000	S	4,000
Male	3,000	4,000	4,000	S	S	10,000	4,000	S	S	S	S
Female	4,000	7,000	8,000	S	S	12,000	1,000	10,000	6,000	S	S
Earth/atmospheric/ocean sciences	2,000	5,000	3,000	S	S	11,000	9,000	4,000	5,000	5,000	8,000
Male	3,000	3,000	5,000	S	S	7,000	3,000	2,000	5,000	5,000	8,000
Female	6,000	16,000	11,000	S	S	13,000	4,000	S	18,000	S	S
Physics/astronomy	5,000	6,000	9,000	S	S	4,000	3,000	14,000	S	S	S
Male	5,000	5,000	11,000	S	S	3,000	3,000	13,000	S	S	S
Female	21,000	18,000	7,000	S	S	18,000	7,000	S	S	S	S
Other physical sciences	16,000	S	S	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S	S	S
Social/related sciences	2,000	1,000	3,000	5,000	1,000	3,000	1,000	2,000	5,000	2,000	3,000
Male	3,000	4,000	4,000	6,000	3,000	5,000	5,000	3,000	5,000	7,000	2,000
Female	1,000	1,000	4,000	3,000	1,000	2,000	2,000	2,000	4,000	10,000	3,000
Economics	9,000	7,000	11,000	S	35,000	7,000	14,000	6,000	16,000	20,000	S
Male	10,000	16,000	15,000	S	S	14,000	23,000	S	22,000	S	S
Female	10,000	13,000	11,000	S	S	10,000	2,000	S	23,000	S	S
Political/related sciences	4,000	6,000	11,000	S	10,000	4,000	5,000	5,000	8,000	8,000	8,000
Male	3,000	11,000	11,000	S	S	13,000	S	S	7,000	5,000	8,000
Female	6,000	9,000	13,000	S	24,000	3,000	4,000	S	18,000	S	14,000
Psychology	1,000	1,000	3,000	5,000	2,000	2,000	5,000	1,000	3,000	16,000	2,000
Male	4,000	6,000	7,000	9,000	3,000	5,000	4,000	3,000	5,000	S	2,000
Female	1,000	1,000	3,000	3,000	1,000	2,000	3,000	2,000	4,000	14,000	3,000
Sociology/anthropology	3,000	7,000	15,000	S	6,000	9,000	9,000	18,000	11,000	4,000	3,000
Male	6,000	7,000	13,000	S	S	15,000	16,000	S	11,000	S	S
Female	3,000	8,000	13,000	S	S	9,000	10,000	S	18,000	S	12,000

TABLE A-21. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2003  
(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
Other social sciences	5,000	6,000	4,000	S	4,000	4,000	6,000	3,000	14,000	11,000	5,000
Male	10,000	17,000	5,000	S	S	13,000	19,000	6,000	26,000	S	S
Female	5,000	4,000	9,000	S	5,000	5,000	5,000	4,000	15,000	S	8,000
Engineering	500	1,000	2,000	6,000	4,000	5,000	1,000	6,000	2,000	3,000	3,000
Male	1,000	1,000	1,000	4,000	9,000	9,000	2,000	20,000	3,000	3,000	3,000
Female	2,000	2,000	3,000	S	S	4,000	7,000	S	3,000	13,000	3,000
Aerospace/related engineering	3,000	7,000	7,000	S	S	5,000	11,000	S	4,000	3,000	S
Male	2,000	7,000	8,000	S	S	7,000	7,000	S	5,000	4,000	S
Female	4,000	S	S	S	S	S	S	S	S	S	S
Chemical engineering	8,000	5,000	5,000	S	S	11,000	500	S	S	S	S
Male	5,000	6,000	6,000	S	S	500	S	S	S	S	S
Female	2,000	5,000	5,000	S	S	S	S	S	S	S	S
Civil/architectural engineering	2,000	3,000	3,000	28,000	S	6,000	2,000	S	3,000	8,000	3,000
Male	2,000	3,000	3,000	13,000	S	13,000	2,000	S	5,000	4,000	6,000
Female	5,000	9,000	8,000	S	S	S	S	S	5,000	S	5,000
Electrical/computer engineering	2,000	1,000	1,000	11,000	9,000	3,000	3,000	S	5,000	5,000	S
Male	1,000	1,000	2,000	15,000	12,000	3,000	3,000	S	5,000	5,000	S
Female	3,000	3,000	2,000	S	S	S	S	S	6,000	S	S
Industrial engineering	3,000	3,000	3,000	S	S	33,000	S	S	12,000	S	S
Male	3,000	4,000	4,000	S	S	S	S	S	7,000	S	S
Female	12,000	9,000	8,000	S	S	S	S	S	S	S	S
Mechanical engineering	2,000	2,000	2,000	S	S	15,000	25,000	S	5,000	11,000	S
Male	2,000	2,000	2,000	S	S	20,000	26,000	S	5,000	11,000	S
Female	5,000	5,000	5,000	S	S	S	S	S	S	S	S
Other engineering	3,000	3,000	1,000	27,000	S	4,000	12,000	S	3,000	7,000	7,000
Male	3,000	1,000	2,000	24,000	S	5,000	8,000	S	5,000	8,000	9,000
Female	3,000	5,000	2,000	S	S	7,000	S	S	8,000	S	S
S&E-related fields	2,000	2,000	3,000	4,000	2,000	1,000	3,000	1,000	2,000	2,000	4,000
Male	3,000	3,000	3,000	14,000	11,000	1,000	7,000	1,000	5,000	7,000	5,000
Female	1,000	2,000	3,000	7,000	3,000	1,000	3,000	1,000	3,000	3,000	2,000
Health	3,000	1,000	2,000	6,000	2,000	2,000	5,000	1,000	3,000	2,000	3,000
Male	3,000	4,000	6,000	23,000	6,000	8,000	7,000	8,000	7,000	6,000	9,000
Female	500	2,000	3,000	8,000	2,000	2,000	6,000	2,000	3,000	4,000	2,000
Science/mathematics teacher education	2,000	7,000	9,000	S	S	2,000	8,000	1,000	S	S	S

TABLE A-21. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2003  
(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
Male	3,000	8,000	S	S	S	1,000	S	1,000	S	S	S
Female	2,000	13,000	S	S	S	2,000	S	1,000	S	S	S
Technology/technical fields	3,000	7,000	6,000	S	S	6,000	S	S	S	S	S
Male	3,000	5,000	5,000	S	S	S	S	S	S	S	S
Female	10,000	15,000	13,000	S	S	S	S	S	S	S	S
Other S&E-related fields	3,000	4,000	3,000	9,000	S	4,000	S	S	8,000	S	8,000
Male	6,000	7,000	5,000	11,000	S	S	S	S	8,000	S	8,000
Female	2,000	8,000	9,000	S	S	S	S	S	12,000	S	S
Non-S&E fields	500	2,000	2,000	2,000	2,000	1,000	2,000	1,000	2,000	4,000	2,000
Male	2,000	3,000	2,000	6,000	4,000	1,000	1,000	1,000	2,000	2,000	3,000
Female	1,000	4,000	1,000	3,000	2,000	1,000	2,000	1,000	2,000	3,000	3,000
Arts/humanities	3,000	7,000	9,000	23,000	S	4,000	3,000	4,000	8,000	S	S
Male	5,000	12,000	10,000	S	S	7,000	S	1,000	S	S	S
Female	5,000	6,000	9,000	S	S	5,000	10,000	5,000	S	S	S
Education, except science/mathematics education teacher	1,000	7,000	4,000	8,000	4,000	1,000	4,000	1,000	4,000	9,000	2,000
Male	1,000	5,000	6,000	16,000	S	1,000	3,000	1,000	8,000	S	10,000
Female	1,000	4,000	7,000	S	8,000	1,000	3,000	1,000	2,000	S	4,000
Management/administration	1,000	1,000	2,000	2,000	4,000	3,000	4,000	5,000	2,000	4,000	4,000
Male	3,000	1,000	2,000	3,000	7,000	4,000	10,000	6,000	3,000	6,000	4,000
Female	3,000	2,000	3,000	11,000	3,000	2,000	2,000	7,000	4,000	5,000	11,000
Sales/marketing	6,000	7,000	5,000	10,000	S	S	S	S	S	S	S
Male	8,000	5,000	7,000	S	S	S	S	S	S	S	S
Female	5,000	4,000	9,000	S	S	S	S	S	S	S	S
Social services/related	1,000	2,000	4,000	6,000	1,000	4,000	4,000	6,000	1,000	S	3,000
Male	1,000	3,000	16,000	9,000	6,000	5,000	S	11,000	4,000	S	4,000
Female	2,000	1,000	4,000	9,000	1,000	6,000	6,000	7,000	3,000	S	3,000
Other non-S&E fields	2,000	5,000	5,000	10,000	5,000	4,000	3,000	4,000	7,000	4,000	3,000
Male	5,000	5,000	8,000	S	8,000	5,000	5,000	6,000	5,000	5,000	11,000
Female	3,000	5,000	8,000	S	5,000	4,000	6,000	5,000	3,000	11,000	4,000
Doctorate degrees	1,000	1,000	1,000	2,000	2,000	1,000	1,000	4,000	3,000	2,000	3,000
Male	500	2,000	500	4,000	3,000	1,000	2,000	2,000	2,000	1,000	3,000
Female	500	3,000	2,000	1,000	5,000	500	1,000	1,000	1,000	4,000	5,000
S&E fields	1,000	2,000	2,000	3,000	3,000	1,000	1,000	1,000	1,000	2,000	1,000
Male	1,000	2,000	500	7,000	3,000	1,000	1,000	2,000	1,000	2,000	2,000

TABLE A-21. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2003  
(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Female	500	500	2,000	6,000	4,000	1,000	1,000	1,000	2,000	5,000	3,000
Sciences	500	1,000	2,000	3,000	1,000	500	1,000	1,000	2,000	2,000	2,000
Male	1,000	2,000	500	7,000	2,000	500	1,000	3,000	1,000	1,000	2,000
Female	500	3,000	2,000	5,000	4,000	1,000	2,000	1,000	2,000	5,000	3,000
Biological/agricultural/environmental life sciences	500	2,000	2,000	11,000	2,000	1,000	1,000	2,000	2,000	4,000	2,000
Male	1,000	3,000	500	11,000	8,000	2,000	1,000	2,000	3,000	3,000	3,000
Female	2,000	2,000	2,000	4,000	8,000	1,000	1,000	2,000	8,000	10,000	2,000
Agricultural/food sciences	1,000	6,000	7,000	9,000	13,000	3,000	2,000	8,000	4,000	3,000	8,000
Male	2,000	7,000	9,000	11,000	S	4,000	2,000	S	4,000	3,000	S
Female	6,000	5,000	6,000	S	S	3,000	3,000	S	8,000	15,000	S
Biological sciences	500	1,000	2,000	14,000	2,000	2,000	2,000	1,000	2,000	5,000	3,000
Male	500	3,000	4,000	14,000	8,000	2,000	2,000	3,000	5,000	3,000	5,000
Female	3,000	2,000	2,000	4,000	8,000	1,000	1,000	3,000	10,000	13,000	2,000
Environmental life sciences	1,000	8,000	13,000	S	S	4,000	6,000	S	2,000	4,000	8,000
Male	2,000	5,000	8,000	S	S	3,000	1,000	S	3,000	3,000	S
Female	3,000	S	S	S	S	15,000	15,000	S	3,000	S	S
Computer/mathematical sciences	2,000	5,000	5,000	18,000	13,000	4,000	4,000	5,000	4,000	5,000	5,000
Male	2,000	4,000	5,000	16,000	8,000	1,000	2,000	5,000	9,000	11,000	S
Female	9,000	4,000	7,000	S	S	11,000	11,000	S	4,000	9,000	S
Computer/information sciences	6,000	1,000	2,000	S	S	2,000	2,000	S	9,000	13,000	S
Male	6,000	3,000	3,000	S	S	4,000	4,000	S	6,000	S	S
Female	5,000	6,000	6,000	S	S	9,000	10,000	S	S	S	S
Mathematical sciences	3,000	4,000	8,000	20,000	17,000	3,000	3,000	6,000	5,000	5,000	S
Male	2,000	3,000	9,000	20,000	14,000	3,000	3,000	6,000	14,000	13,000	S
Female	11,000	9,000	10,000	S	S	10,000	11,000	S	9,000	S	S
Physical/related sciences	1,000	1,000	2,000	5,000	5,000	1,000	1,000	1,000	3,000	1,000	3,000
Male	500	3,000	2,000	4,000	3,000	1,000	1,000	2,000	5,000	3,000	3,000
Female	3,000	2,000	1,000	17,000	10,000	2,000	3,000	5,000	4,000	5,000	9,000
Chemistry, except biochemistry	1,000	3,000	500	5,000	7,000	1,000	2,000	2,000	6,000	5,000	5,000
Male	500	2,000	3,000	3,000	9,000	2,000	2,000	4,000	5,000	8,000	7,000
Female	3,000	2,000	1,000	S	23,000	2,000	2,000	4,000	3,000	5,000	S
Earth/atmospheric/ocean sciences	3,000	6,000	1,000	7,000	7,000	2,000	2,000	4,000	7,000	5,000	7,000
Male	3,000	5,000	4,000	7,000	S	3,000	2,000	4,000	4,000	6,000	4,000
Female	2,000	15,000	1,000	S	S	4,000	5,000	S	8,000	11,000	S

TABLE A-21. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2003  
(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
Physics/astronomy	2,000	2,000	1,000	12,000	10,000	1,000	2,000	5,000	3,000	4,000	17,000
Male	2,000	1,000	2,000	12,000	7,000	3,000	2,000	8,000	4,000	5,000	16,000
Female	4,000	6,000	5,000	S	S	5,000	3,000	S	8,000	7,000	S
Other physical sciences	29,000	72,000	56,000	S	S	16,000	16,000	S	9,000	S	S
Male	36,000	49,000	S	S	S	S	S	S	S	S	S
Female	14,000	S	S	S	S	S	S	S	S	S	S
Social/related sciences	1,000	1,000	4,000	4,000	500	1,000	1,000	2,000	1,000	2,000	1,000
Male	1,000	3,000	1,000	10,000	3,000	1,000	1,000	2,000	3,000	2,000	2,000
Female	500	3,000	8,000	7,000	4,000	2,000	2,000	3,000	2,000	3,000	2,000
Economics	3,000	7,000	9,000	35,000	9,000	2,000	2,000	S	7,000	3,000	8,000
Male	3,000	8,000	9,000	38,000	18,000	2,000	3,000	S	7,000	7,000	S
Female	5,000	6,000	9,000	S	S	4,000	4,000	S	5,000	3,000	S
Political/related sciences	1,000	16,000	15,000	15,000	8,000	1,000	500	10,000	12,000	11,000	5,000
Male	3,000	20,000	23,000	16,000	12,000	1,000	1,000	6,000	7,000	8,000	3,000
Female	3,000	12,000	8,000	S	17,000	4,000	4,000	S	7,000	S	S
Psychology	500	500	3,000	1,000	2,000	500	1,000	1,000	1,000	2,000	2,000
Male	2,000	2,000	2,000	6,000	4,000	2,000	2,000	2,000	2,000	2,000	2,000
Female	1,000	500	8,000	2,000	1,000	1,000	2,000	2,000	2,000	3,000	2,000
Sociology/anthropology	500	1,000	7,000	9,000	1,000	3,000	3,000	5,000	3,000	4,000	4,000
Male	1,000	8,000	12,000	16,000	9,000	2,000	2,000	7,000	5,000	4,000	5,000
Female	3,000	1,000	10,000	7,000	1,000	2,000	1,000	10,000	5,000	3,000	S
Other social sciences	3,000	10,000	13,000	6,000	11,000	1,000	2,000	5,000	3,000	7,000	3,000
Male	5,000	8,000	13,000	S	S	4,000	5,000	2,000	6,000	S	S
Female	2,000	24,000	38,000	S	S	1,000	1,000	4,000	4,000	S	S
Engineering	2,000	1,000	500	13,000	11,000	2,000	1,000	8,000	2,000	3,000	9,000
Male	2,000	500	500	14,000	6,000	500	2,000	10,000	2,000	3,000	9,000
Female	500	4,000	3,000	S	S	3,000	2,000	S	3,000	4,000	S
Aerospace/related engineering	8,000	10,000	9,000	S	S	8,000	7,000	S	9,000	8,000	S
Male	9,000	10,000	10,000	S	S	13,000	10,000	S	8,000	9,000	S
Female	S	S	S	S	S	S	S	S	S	S	S
Chemical engineering	4,000	2,000	1,000	12,000	7,000	5,000	9,000	S	19,000	19,000	S
Male	3,000	2,000	1,000	S	S	9,000	7,000	S	30,000	13,000	S
Female	3,000	2,000	3,000	S	S	26,000	S	S	S	S	S
Civil/architectural engineering	1,000	4,000	4,000	S	S	5,000	5,000	S	8,000	9,000	8,000

TABLE A-21. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2003  
(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Male	1,000	5,000	5,000	S	S	4,000	3,000	S	12,000	8,000	7,000
Female	3,000	S	S	S	S	7,000	8,000	S	S	S	S
Electrical/computer engineering	500	1,000	4,000	34,000	1,000	3,000	4,000	S	9,000	10,000	S
Male	500	4,000	1,000	34,000	1,000	4,000	4,000	S	10,000	11,000	S
Female	7,000	3,000	3,000	S	S	8,000	6,000	S	S	S	S
Industrial engineering	5,000	4,000	4,000	S	S	7,000	7,000	S	S	S	S
Male	6,000	5,000	5,000	S	S	8,000	8,000	S	S	S	S
Female	4,000	S	S	S	S	24,000	21,000	S	S	S	S
Mechanical engineering	1,000	4,000	3,000	15,000	S	4,000	3,000	S	3,000	2,000	S
Male	2,000	4,000	3,000	S	S	3,000	3,000	S	3,000	2,000	S
Female	5,000	9,000	S	S	S	17,000	17,000	S	S	S	S
Other engineering	2,000	3,000	2,000	23,000	4,000	3,000	2,000	5,000	2,000	5,000	9,000
Male	2,000	3,000	4,000	21,000	4,000	2,000	3,000	5,000	2,000	6,000	6,000
Female	5,000	2,000	3,000	S	S	6,000	6,000	S	S	S	S
S&E-related fields	2,000	5,000	14,000	37,000	18,000	2,000	1,000	6,000	5,000	4,000	5,000
Male	9,000	17,000	37,000	41,000	6,000	4,000	5,000	S	8,000	12,000	8,000
Female	6,000	3,000	3,000	36,000	14,000	4,000	3,000	10,000	1,000	2,000	500
Health	2,000	11,000	9,000	29,000	19,000	3,000	4,000	20,000	4,000	3,000	5,000
Male	7,000	3,000	17,000	41,000	6,000	4,000	4,000	S	7,000	11,000	S
Female	5,000	5,000	3,000	50,000	14,000	3,000	3,000	8,000	1,000	2,000	500
Science/mathematics teacher education	6,000	S	S	S	S	6,000	4,000	S	S	S	S
Male	4,000	S	S	S	S	S	S	S	S	S	S
Female	2,000	S	S	S	S	2,000	S	S	S	S	S
Technology/technical fields	4,000	S	S	S	S	S	S	S	S	S	S
Male	4,000	S	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S	S	S
Other S&E-related fields	S	S	S	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S	S	S
Non-S&E fields	2,000	5,000	14,000	22,000	10,000	2,000	2,000	2,000	14,000	S	S
Male	4,000	7,000	4,000	S	10,000	5,000	6,000	12,000	S	S	S
Female	3,000	8,000	9,000	S	S	4,000	4,000	4,000	S	S	S
Arts/humanities	5,000	S	S	S	S	6,000	7,000	S	S	S	S
Male	1,000	S	S	S	S	1,000	1,000	S	S	S	S

TABLE A-21. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2003  
(Dollars)

Level and field of highest degree and sex	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self- employed	Nonprofit	Total	4-year college/ university	Other	Total	Federal	State/ local
Female	3,000	S	S	S	S	3,000	4,000	S	S	S	S
Education, except science/mathematics education teacher	3,000	12,000	S	S	S	3,000	6,000	6,000	S	S	S
Male	10,000	S	S	S	S	11,000	16,000	16,000	S	S	S
Female	4,000	16,000	S	S	S	5,000	2,000	5,000	S	S	S
Management/administration	9,000	11,000	S	S	S	7,000	7,000	S	S	S	S
Male	9,000	S	S	S	S	6,000	6,000	S	S	S	S
Female	S	S	S	S	S	S	S	S	S	S	S
Sales/marketing	S	S	S	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S	S	S
Social services/related	6,000	9,000	S	S	13,000	6,000	9,000	S	S	S	S
Male	6,000	16,000	S	S	S	6,000	5,000	S	S	S	S
Female	5,000	S	S	S	S	9,000	S	S	S	S	S
Other non-S&E fields	10,000	20,000	S	S	S	4,000	6,000	S	S	S	S
Male	18,000	S	S	S	S	8,000	10,000	S	S	S	S
Female	7,000	S	S	S	S	3,000	3,000	S	S	S	S

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. See <http://sestat.nsf.gov/docs/ed03maj.html> for a detailed description of the educational field classification. Four-year college/university includes medical schools and university-affiliated research institutes. Other educational institution includes 2-year colleges, precollege institutions, and other educational institutions. Standard errors of less than 500 are rounded up to 500, and standard errors equal to or greater than 500 are rounded up to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2003.