

TABLE A-23. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree	Employed scientists and engineers	Race/ethnicity ^a							
		Sex		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
		Male	Female						
All degree levels and fields ^b	500	1,000	500	2,000	1,000	1,000	1,000	500	6,000
S&E fields	1,000	500	1,000	5,000	1,000	500	1,000	500	2,000
Sciences	500	1,000	500	7,000	1,000	2,000	2,000	1,000	2,000
Biological/agricultural/environmental life sciences	4,000	1,000	1,000	15,000	7,000	3,000	5,000	1,000	6,000
Agricultural sciences	2,000	2,000	4,000	S	4,000	8,000	3,000	3,000	13,000
Biological sciences	500	1,000	2,000	13,000	500	3,000	6,000	500	4,000
Environmental life sciences	2,000	3,000	3,000	S	7,000	8,000	21,000	2,000	S
Computer/mathematical sciences	1,000	2,000	2,000	4,000	2,000	5,000	5,000	1,000	11,000
Computer/information sciences	1,000	1,000	2,000	S	4,000	4,000	6,000	2,000	5,000
Mathematics/statistics	2,000	2,000	2,000	S	3,000	3,000	6,000	1,000	9,000
Physical/related sciences	2,000	1,000	2,000	16,000	3,000	6,000	3,000	2,000	6,000
Chemistry, except biochemistry	2,000	3,000	2,000	S	3,000	6,000	3,000	4,000	7,000
Earth/atmospheric/ocean sciences	2,000	4,000	4,000	S	8,000	15,000	16,000	1,000	16,000
Physics/astronomy	3,000	5,000	5,000	S	8,000	9,000	28,000	5,000	13,000
Other physical sciences	7,000	6,000	5,000	S	2,000	8,000	11,000	8,000	S
Social/related sciences	500	2,000	1,000	2,000	4,000	2,000	5,000	1,000	5,000
Economics	2,000	3,000	3,000	S	2,000	3,000	9,000	3,000	9,000
Political/related sciences	2,000	1,000	2,000	24,000	3,000	4,000	2,000	2,000	4,000
Psychology	500	2,000	1,000	4,000	4,000	2,000	2,000	500	3,000
Sociology/anthropology	1,000	1,000	1,000	10,000	3,000	2,000	2,000	1,000	2,000
Other social sciences	2,000	2,000	1,000	S	7,000	7,000	3,000	6,000	6,000
Engineering	500	1,000	1,000	11,000	1,000	2,000	3,000	2,000	7,000
Aerospace/aeronautical/astronautical engineering	3,000	3,000	12,000	S	7,000	35,000	11,000	4,000	10,000
Chemical engineering	2,000	1,000	2,000	S	5,000	7,000	10,000	6,000	11,000
Civil/architectural engineering	500	1,000	2,000	S	1,000	5,000	3,000	1,000	8,000
Electrical/computer engineering	500	2,000	3,000	S	4,000	4,000	4,000	1,000	7,000
Industrial engineering	3,000	3,000	5,000	S	7,000	8,000	10,000	3,000	11,000
Mechanical engineering	1,000	500	5,000	S	3,000	2,000	5,000	1,000	12,000
Other engineering	500	2,000	1,000	S	2,000	8,000	9,000	1,000	8,000
S&E-related fields	500	3,000	1,000	6,000	500	1,000	3,000	500	13,000
Health	1,000	500	500	7,000	1,000	1,000	4,000	2,000	3,000
Science/mathematics teacher education	1,000	2,000	3,000	S	7,000	3,000	5,000	2,000	S
Technology/technical fields	2,000	1,000	6,000	S	3,000	9,000	3,000	1,000	S
Other S&E-related fields	4,000	3,000	3,000	S	9,000	5,000	9,000	2,000	S
Non-S&E fields	1,000	2,000	2,000	5,000	4,000	3,000	2,000	1,000	5,000
Arts/humanities	2,000	3,000	2,000	S	9,000	8,000	5,000	2,000	4,000
Education, except science/mathematics teacher education	500	1,000	1,000	S	3,000	4,000	1,000	500	10,000
Management/administration	2,000	2,000	3,000	S	1,000	5,000	4,000	2,000	5,000
Sales/marketing	5,000	4,000	7,000	S	23,000	17,000	26,000	5,000	S
Social services/related	2,000	2,000	1,000	S	2,000	3,000	6,000	2,000	S
Other non-S&E fields	1,000	2,000	2,000	S	5,000	5,000	12,000	4,000	12,000
Bachelor's degrees	500	500	500	2,000	1,000	1,000	1,000	1,000	3,000
S&E fields	1,000	500	1,000	6,000	1,000	2,000	3,000	500	2,000
Sciences	1,000	2,000	1,000	11,000	1,000	1,000	1,000	1,000	2,000

TABLE A-23. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree	Employed scientists and engineers	Race/ethnicity ^a							
		Sex		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
		Male	Female						
Biological/agricultural/environmental life sciences	1,000	1,000	2,000	16,000	3,000	3,000	3,000	1,000	5,000
Agricultural sciences	1,000	2,000	2,000	S	6,000	23,000	3,000	1,000	S
Biological sciences	1,000	3,000	1,000	10,000	5,000	4,000	3,000	3,000	4,000
Environmental life sciences	3,000	4,000	3,000	S	S	S	22,000	2,000	S
Computer/mathematical sciences	3,000	1,000	1,000	S	3,000	3,000	3,000	2,000	6,000
Computer/information sciences	3,000	2,000	3,000	S	2,000	5,000	6,000	2,000	9,000
Mathematics/statistics	3,000	3,000	3,000	S	6,000	4,000	6,000	3,000	8,000
Physical/related sciences	2,000	1,000	3,000	S	3,000	8,000	8,000	2,000	5,000
Chemistry, except biochemistry	2,000	2,000	3,000	S	5,000	4,000	2,000	3,000	6,000
Earth/atmospheric/ocean sciences	5,000	3,000	3,000	S	S	S	10,000	3,000	S
Physics/astronomy	13,000	6,000	10,000	S	7,000	5,000	47,000	6,000	S
Other physical sciences	7,000	6,000	3,000	S	S	S	S	8,000	S
Social/related sciences	1,000	2,000	1,000	4,000	500	3,000	3,000	1,000	3,000
Economics	1,000	3,000	3,000	S	3,000	3,000	7,000	4,000	12,000
Political/related sciences	2,000	3,000	2,000	S	5,000	4,000	4,000	2,000	3,000
Psychology	500	3,000	1,000	S	2,000	4,000	3,000	1,000	5,000
Sociology/anthropology	2,000	3,000	1,000	S	4,000	3,000	1,000	1,000	2,000
Other social sciences	1,000	3,000	1,000	S	10,000	5,000	3,000	1,000	5,000
Engineering	500	1,000	1,000	10,000	1,000	2,000	1,000	1,000	5,000
Aerospace/aeronautical/astronautical engineering	4,000	4,000	11,000	S	8,000	23,000	19,000	6,000	20,000
Chemical engineering	3,000	3,000	3,000	S	3,000	8,000	5,000	4,000	S
Civil/architectural engineering	3,000	1,000	3,000	S	4,000	7,000	4,000	2,000	12,000
Electrical/computer engineering	500	2,000	4,000	S	2,000	6,000	3,000	1,000	6,000
Industrial engineering	1,000	4,000	6,000	S	6,000	14,000	16,000	2,000	S
Mechanical engineering	2,000	2,000	4,000	S	3,000	5,000	6,000	1,000	9,000
Other engineering	2,000	3,000	3,000	S	7,000	14,000	4,000	1,000	24,000
S&E-related fields	1,000	2,000	500	6,000	1,000	2,000	2,000	1,000	4,000
Health	500	4,000	1,000	2,000	2,000	2,000	2,000	500	6,000
Science/mathematics teacher education	2,000	4,000	2,000	S	S	S	5,000	3,000	S
Technology/technical fields	2,000	3,000	4,000	S	8,000	8,000	4,000	3,000	S
Other S&E-related fields	3,000	4,000	6,000	S	9,000	16,000	7,000	3,000	S
Non-S&E fields	2,000	1,000	1,000	S	4,000	4,000	3,000	2,000	6,000
Arts/humanities	3,000	3,000	3,000	S	12,000	S	4,000	3,000	S
Education, except science/mathematics teacher education	2,000	2,000	3,000	S	S	6,000	S	2,000	S
Management/administration	3,000	2,000	4,000	S	4,000	2,000	9,000	1,000	3,000
Sales/marketing	4,000	7,000	6,000	S	S	S	S	5,000	S
Social services/related	2,000	3,000	5,000	S	S	S	S	2,000	S
Other non-S&E fields	3,000	4,000	3,000	S	22,000	8,000	8,000	4,000	S
Master's degrees	1,000	1,000	2,000	1,000	5,000	1,000	2,000	1,000	5,000
S&E fields	1,000	500	1,000	6,000	1,000	3,000	3,000	2,000	6,000
Sciences	500	3,000	1,000	6,000	500	2,000	1,000	500	3,000
Biological/agricultural/environmental life sciences	2,000	3,000	2,000	S	3,000	5,000	3,000	3,000	3,000
Agricultural sciences	5,000	2,000	1,000	S	S	S	S	4,000	S
Biological sciences	2,000	2,000	2,000	S	3,000	5,000	6,000	2,000	3,000
Environmental life sciences	3,000	4,000	7,000	S	S	S	S	4,000	S

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Level and field of highest degree	Employed scientists and engineers	Race/ethnicity ^a								
		Sex		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other	
		Male	Female							
Computer/mathematical sciences	500	2,000	3,000	S	3,000	7,000	11,000	2,000	13,000	
Computer/information sciences	2,000	4,000	1,000	S	4,000	5,000	8,000	2,000	10,000	
Mathematics/statistics	4,000	4,000	4,000	S	9,000	11,000	11,000	4,000	S	
Physical/related sciences	2,000	3,000	5,000	S	5,000	16,000	18,000	4,000	7,000	
Chemistry, except biochemistry	4,000	4,000	6,000	S	6,000	27,000	18,000	4,000	S	
Earth/atmospheric/ocean sciences	4,000	5,000	5,000	S	24,000	S	1,000	6,000	S	
Physics/astronomy	5,000	5,000	7,000	S	8,000	S	9,000	7,000	S	
Other physical sciences	23,000	S	S	S	S	S	S	30,000	S	
Social/related sciences	1,000	2,000	1,000	6,000	3,000	2,000	1,000	2,000	6,000	
Economics	9,000	5,000	17,000	S	11,000	S	25,000	7,000	S	
Political/related sciences	3,000	6,000	8,000	S	1,000	19,000	10,000	7,000	S	
Psychology	1,000	4,000	3,000	S	7,000	3,000	2,000	1,000	5,000	
Sociology/anthropology	4,000	7,000	3,000	S	S	5,000	3,000	4,000	S	
Other social sciences	2,000	3,000	3,000	S	8,000	5,000	2,000	3,000	S	
Engineering	2,000	1,000	2,000	S	500	5,000	3,000	500	10,000	
Aerospace/aeronautical/astronautical engineering	5,000	5,000	14,000	S	25,000	S	17,000	2,000	S	
Chemical engineering	2,000	4,000	7,000	S	9,000	13,000	500	5,000	S	
Civil/architectural engineering	2,000	3,000	6,000	S	2,000	5,000	14,000	2,000	S	
Electrical/computer engineering	1,000	2,000	3,000	S	1,000	11,000	5,000	500	S	
Industrial engineering	4,000	4,000	12,000	S	4,000	11,000	12,000	4,000	S	
Mechanical engineering	3,000	4,000	2,000	S	4,000	14,000	4,000	2,000	S	
Other engineering	1,000	3,000	5,000	S	7,000	8,000	4,000	3,000	11,000	
S&E-related fields	2,000	3,000	1,000	S	6,000	1,000	5,000	1,000	1,000	
Health	1,000	2,000	2,000	S	7,000	1,000	8,000	2,000	15,000	
Science/mathematics teacher education	1,000	2,000	2,000	S	2,000	3,000	9,000	1,000	S	
Technology/technical fields	5,000	6,000	7,000	S	6,000	S	S	6,000	S	
Other S&E-related fields	4,000	1,000	5,000	S	10,000	S	S	3,000	S	
Non-S&E fields	1,000	2,000	500	4,000	4,000	3,000	1,000	2,000	4,000	
Arts/humanities	3,000	3,000	4,000	S	10,000	S	6,000	4,000	S	
Education, except science/mathematics teacher education	500	2,000	1,000	S	5,000	3,000	1,000	500	8,000	
Management/administration	1,000	2,000	2,000	S	3,000	5,000	7,000	500	15,000	
Sales/marketing	4,000	4,000	22,000	S	33,000	S	S	5,000	S	
Social services/related	2,000	6,000	2,000	S	4,000	3,000	6,000	3,000	S	
Other non-S&E fields	3,000	3,000	2,000	S	6,000	4,000	6,000	2,000	S	
Doctorate degrees	2,000	1,000	500	2,000	1,000	1,000	3,000	2,000	6,000	
S&E fields	1,000	1,000	500	11,000	2,000	3,000	3,000	1,000	6,000	
Sciences	500	500	1,000	7,000	3,000	1,000	4,000	500	6,000	
Biological/agricultural/environmental life sciences	1,000	2,000	1,000	S	3,000	7,000	5,000	500	18,000	
Agricultural sciences	2,000	3,000	5,000	S	4,000	28,000	31,000	3,000	S	
Biological sciences	2,000	2,000	1,000	S	2,000	6,000	8,000	500	19,000	
Environmental life sciences	2,000	3,000	3,000	S	9,000	S	S	6,000	S	
Computer/mathematical sciences	1,000	2,000	1,000	S	500	8,000	1,000	2,000	18,000	
Computer/information sciences	5,000	4,000	3,000	S	8,000	6,000	11,000	7,000	S	
Mathematics/statistics	1,000	1,000	4,000	S	5,000	10,000	1,000	2,000	S	
Physical/related sciences	1,000	2,000	3,000	S	2,000	6,000	5,000	2,000	16,000	
Chemistry, except biochemistry	1,000	2,000	3,000	S	2,000	7,000	11,000	2,000	14,000	

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Level and field of highest degree	Employed scientists and engineers	Race/ethnicity ^a							
		Sex		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
		Male	Female						
Earth/atmospheric/ocean sciences	2,000	2,000	2,000	S	5,000	S	9,000	3,000	S
Physics/astronomy	2,000	2,000	4,000	S	5,000	14,000	12,000	2,000	17,000
Other physical sciences	8,000	12,000	9,000	S	S	S	S	11,000	S
Social/related sciences	500	1,000	1,000	3,000	4,000	2,000	3,000	1,000	3,000
Economics	2,000	4,000	5,000	S	8,000	9,000	2,000	4,000	S
Political/related sciences	3,000	5,000	2,000	S	2,000	3,000	8,000	4,000	S
Psychology	2,000	500	2,000	3,000	4,000	1,000	2,000	500	5,000
Sociology/anthropology	2,000	3,000	1,000	S	4,000	4,000	5,000	2,000	9,000
Other social sciences	1,000	4,000	2,000	S	3,000	3,000	3,000	1,000	S
Engineering	1,000	500	2,000	S	1,000	8,000	3,000	500	8,000
Aerospace/aeronautical/astronautical engineering	9,000	11,000	S	S	12,000	S	S	7,000	S
Chemical engineering	1,000	2,000	2,000	S	3,000	11,000	35,000	5,000	S
Civil/architectural engineering	3,000	1,000	10,000	S	1,000	4,000	7,000	4,000	S
Electrical/computer engineering	3,000	3,000	2,000	S	500	17,000	11,000	1,000	11,000
Industrial engineering	4,000	6,000	6,000	S	14,000	S	S	5,000	S
Mechanical engineering	1,000	3,000	6,000	S	2,000	S	20,000	1,000	S
Other engineering	2,000	2,000	5,000	S	1,000	12,000	20,000	2,000	S
S&E-related fields	4,000	8,000	3,000	S	6,000	6,000	8,000	4,000	33,000
Health	4,000	7,000	4,000	S	5,000	10,000	7,000	1,000	15,000
Science/mathematics teacher education	2,000	S	5,000	S	S	S	S	3,000	S
Technology/technical fields	S	S	S	S	S	S	S	S	S
Other S&E-related fields	S	S	S	S	S	S	S	S	S
Non-S&E fields	2,000	4,000	4,000	S	8,000	4,000	9,000	3,000	S
Arts/humanities	5,000	9,000	8,000	S	S	S	S	6,000	S
Education, except science/mathematics teacher education	3,000	4,000	4,000	S	S	6,000	8,000	4,000	S
Management/administration	3,000	4,000	S	S	12,000	S	S	3,000	S
Sales/marketing	S	S	S	S	S	S	S	S	S
Social services/related	9,000	8,000	10,000	S	S	S	S	8,000	S
Other non-S&E fields	11,000	14,000	12,000	S	S	S	S	14,000	S

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

S&E = science and engineering.

^a "Other" includes Native Hawaiian/Other Pacific Islander and non-Hispanic respondents reporting 2 or more races.

^b 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. 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): 2006.