

TABLE A-24. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006
(Dollars)

Level and field of highest degree	Employed scientists and engineers	Geographic division of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All degree levels and fields ^a	500	2,000	4,000	1,000	1,000	500	500	2,000	2,000	1,000
S&E fields	1,000	2,000	1,000	3,000	2,000	2,000	1,000	3,000	2,000	2,000
Sciences	500	3,000	2,000	4,000	3,000	5,000	1,000	3,000	4,000	4,000
Biological/agricultural/environmental life sciences	4,000	2,000	3,000	2,000	2,000	2,000	6,000	2,000	4,000	4,000
Agricultural sciences	2,000	7,000	2,000	2,000	5,000	5,000	2,000	1,000	5,000	6,000
Biological sciences	500	4,000	5,000	3,000	3,000	1,000	5,000	1,000	6,000	6,000
Environmental life sciences	2,000	11,000	8,000	4,000	10,000	5,000	3,000	6,000	5,000	7,000
Computer/mathematical sciences	1,000	5,000	3,000	4,000	4,000	1,000	4,000	3,000	3,000	4,000
Computer/information sciences	1,000	4,000	4,000	4,000	4,000	2,000	4,000	3,000	2,000	6,000
Mathematics/statistics	2,000	3,000	6,000	3,000	4,000	3,000	4,000	4,000	8,000	5,000
Physical/related sciences	2,000	8,000	5,000	7,000	7,000	5,000	9,000	1,000	4,000	6,000
Chemistry, except biochemistry	2,000	11,000	5,000	6,000	5,000	3,000	23,000	2,000	11,000	7,000
Earth/atmospheric/ocean sciences	2,000	6,000	8,000	3,000	7,000	9,000	13,000	6,000	11,000	5,000
Physics/astronomy	3,000	21,000	12,000	5,000	21,000	15,000	24,000	20,000	12,000	8,000
Other physical sciences	7,000	56,000	7,000	S	S	6,000	S	17,000	27,000	6,000
Social/related sciences	500	3,000	2,000	3,000	2,000	1,000	3,000	2,000	500	500
Economics	2,000	6,000	6,000	4,000	5,000	5,000	8,000	8,000	8,000	3,000
Political/related sciences	2,000	2,000	3,000	3,000	9,000	2,000	7,000	3,000	8,000	5,000
Psychology	500	2,000	2,000	2,000	2,000	5,000	6,000	5,000	3,000	4,000
Sociology/anthropology	1,000	4,000	2,000	4,000	5,000	2,000	2,000	2,000	4,000	3,000
Other social sciences	2,000	10,000	4,000	9,000	5,000	4,000	6,000	5,000	2,000	4,000
Engineering	500	4,000	2,000	500	3,000	1,000	3,000	2,000	3,000	2,000
Aerospace/aeronautical/astronautical engineering	3,000	15,000	7,000	8,000	19,000	15,000	17,000	20,000	11,000	5,000
Chemical engineering	2,000	8,000	5,000	3,000	9,000	7,000	17,000	1,000	13,000	8,000
Civil/architectural engineering	500	6,000	5,000	2,000	6,000	4,000	4,000	5,000	4,000	4,000
Electrical/computer engineering	500	3,000	2,000	2,000	7,000	2,000	3,000	2,000	2,000	2,000
Industrial engineering	3,000	11,000	6,000	4,000	9,000	7,000	12,000	6,000	2,000	6,000
Mechanical engineering	1,000	4,000	5,000	3,000	3,000	4,000	7,000	3,000	5,000	3,000
Other engineering	500	9,000	2,000	7,000	6,000	4,000	10,000	5,000	10,000	6,000
S&E-related fields	500	3,000	2,000	2,000	2,000	5,000	2,000	2,000	1,000	500
Health	1,000	2,000	3,000	2,000	500	1,000	8,000	1,000	3,000	2,000
Science/mathematics teacher education	1,000	3,000	2,000	3,000	3,000	2,000	6,000	3,000	5,000	4,000
Technology/technical fields	2,000	7,000	5,000	4,000	4,000	6,000	8,000	4,000	8,000	4,000
Other S&E-related fields	4,000	11,000	6,000	7,000	2,000	8,000	S	7,000	9,000	4,000
Non-S&E fields	1,000	3,000	1,000	1,000	2,000	1,000	1,000	2,000	2,000	2,000
Arts/humanities	2,000	3,000	4,000	2,000	9,000	4,000	5,000	4,000	3,000	6,000

TABLE A-24. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006
(Dollars)

Level and field of highest degree	Employed scientists and engineers	Geographic division of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Education, except science/mathematics teacher education	500	3,000	2,000	1,000	3,000	3,000	2,000	3,000	2,000	2,000
Management/administration	2,000	6,000	4,000	3,000	4,000	3,000	4,000	5,000	5,000	4,000
Sales/marketing	5,000	11,000	7,000	11,000	16,000	23,000	S	16,000	6,000	6,000
Social services/related	2,000	3,000	4,000	1,000	4,000	2,000	3,000	5,000	2,000	3,000
Other non-S&E fields	1,000	7,000	4,000	5,000	5,000	4,000	12,000	9,000	8,000	5,000
Bachelor's degrees	500	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
S&E fields	1,000	2,000	2,000	1,000	1,000	2,000	2,000	1,000	3,000	2,000
Sciences	1,000	1,000	2,000	1,000	1,000	1,000	5,000	1,000	1,000	500
Biological/agricultural/environmental life sciences	1,000	4,000	4,000	1,000	4,000	3,000	1,000	3,000	3,000	1,000
Agricultural sciences	1,000	4,000	4,000	4,000	5,000	9,000	3,000	1,000	10,000	6,000
Biological sciences	1,000	3,000	2,000	3,000	5,000	2,000	3,000	3,000	5,000	1,000
Environmental life sciences	3,000	2,000	9,000	5,000	10,000	5,000	S	3,000	11,000	8,000
Computer/mathematical sciences	3,000	4,000	3,000	2,000	3,000	6,000	5,000	3,000	2,000	3,000
Computer/information sciences	3,000	5,000	2,000	4,000	4,000	1,000	6,000	4,000	4,000	8,000
Mathematics/statistics	3,000	5,000	13,000	5,000	6,000	7,000	3,000	6,000	11,000	11,000
Physical/related sciences	2,000	4,000	4,000	5,000	4,000	5,000	14,000	3,000	9,000	5,000
Chemistry, except biochemistry	2,000	18,000	4,000	6,000	5,000	4,000	13,000	2,000	9,000	6,000
Earth/atmospheric/ocean sciences	5,000	12,000	7,000	7,000	8,000	16,000	25,000	12,000	8,000	9,000
Physics/astronomy	13,000	12,000	23,000	16,000	7,000	27,000	36,000	24,000	19,000	10,000
Other physical sciences	7,000	S	S	S	S	10,000	S	S	S	5,000
Social/related sciences	1,000	2,000	3,000	2,000	1,000	2,000	1,000	2,000	4,000	2,000
Economics	1,000	9,000	6,000	5,000	5,000	6,000	8,000	10,000	8,000	4,000
Political/related sciences	2,000	7,000	3,000	3,000	6,000	1,000	7,000	3,000	8,000	6,000
Psychology	500	2,000	2,000	3,000	1,000	2,000	2,000	4,000	2,000	2,000
Sociology/anthropology	2,000	5,000	3,000	5,000	5,000	2,000	7,000	6,000	4,000	4,000
Other social sciences	1,000	11,000	3,000	4,000	7,000	2,000	3,000	11,000	5,000	10,000
Engineering	500	4,000	2,000	1,000	3,000	3,000	4,000	3,000	2,000	500
Aerospace/aeronautical/astronautical engineering	4,000	17,000	25,000	16,000	22,000	12,000	27,000	27,000	5,000	5,000
Chemical engineering	3,000	8,000	7,000	4,000	8,000	7,000	20,000	2,000	16,000	10,000
Civil/architectural engineering	3,000	8,000	8,000	2,000	9,000	5,000	4,000	4,000	5,000	2,000
Electrical/computer engineering	500	3,000	3,000	4,000	6,000	2,000	4,000	2,000	5,000	4,000
Industrial engineering	1,000	7,000	4,000	7,000	12,000	8,000	11,000	7,000	1,000	3,000
Mechanical engineering	2,000	5,000	5,000	4,000	3,000	5,000	9,000	3,000	4,000	2,000
Other engineering	2,000	5,000	3,000	3,000	8,000	6,000	11,000	10,000	4,000	7,000
S&E-related fields	1,000	2,000	2,000	1,000	2,000	2,000	500	1,000	2,000	2,000
Health	500	7,000	2,000	2,000	5,000	500	1,000	500	4,000	1,000

TABLE A-24. Standard errors for median annual salaries of U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006
(Dollars)

Level and field of highest degree	Employed scientists and engineers	Geographic division of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Science/mathematics teacher education	2,000	S	9,000	5,000	3,000	6,000	S	3,000	S	6,000
Technology/technical fields	2,000	4,000	5,000	5,000	3,000	8,000	6,000	4,000	6,000	8,000
Other S&E-related fields	3,000	14,000	6,000	3,000	2,000	9,000	S	13,000	11,000	4,000
Non-S&E fields	2,000	3,000	4,000	3,000	2,000	2,000	4,000	2,000	3,000	5,000
Arts/humanities	3,000	3,000	5,000	2,000	15,000	4,000	S	8,000	6,000	5,000
Education, except science/mathematics teacher education	2,000	7,000	8,000	4,000	5,000	5,000	S	2,000	3,000	14,000
Management/administration	3,000	7,000	6,000	3,000	3,000	2,000	7,000	4,000	5,000	6,000
Sales/marketing	4,000	S	4,000	6,000	S	7,000	S	S	S	S
Social services/related	2,000	S	S	S	S	2,000	S	S	S	4,000
Other non-S&E fields	3,000	14,000	5,000	6,000	3,000	7,000	S	7,000	7,000	7,000
Master's degrees	1,000	1,000	2,000	1,000	3,000	2,000	1,000	1,000	1,000	1,000
S&E fields	1,000	4,000	3,000	2,000	6,000	1,000	2,000	4,000	3,000	2,000
Sciences	500	2,000	3,000	2,000	1,000	2,000	4,000	3,000	5,000	2,000
Biological/agricultural/environmental life sciences	2,000	10,000	5,000	3,000	4,000	2,000	4,000	5,000	3,000	6,000
Agricultural sciences	5,000	S	18,000	18,000	12,000	8,000	S	S	S	13,000
Biological sciences	2,000	10,000	5,000	4,000	3,000	2,000	6,000	5,000	6,000	6,000
Environmental life sciences	3,000	S	S	5,000	S	5,000	S	S	S	13,000
Computer/mathematical sciences	500	8,000	3,000	7,000	5,000	1,000	9,000	3,000	5,000	2,000
Computer/information sciences	2,000	7,000	2,000	4,000	11,000	2,000	8,000	3,000	4,000	4,000
Mathematics/statistics	4,000	15,000	15,000	7,000	7,000	9,000	16,000	15,000	8,000	10,000
Physical/related sciences	2,000	7,000	6,000	5,000	7,000	8,000	17,000	12,000	12,000	6,000
Chemistry, except biochemistry	4,000	12,000	9,000	8,000	S	9,000	S	2,000	S	10,000
Earth/atmospheric/ocean sciences	4,000	S	6,000	9,000	S	17,000	38,000	14,000	17,000	12,000
Physics/astronomy	5,000	46,000	27,000	9,000	S	20,000	S	2,000	16,000	9,000
Other physical sciences	23,000	S	S	S	S	S	S	S	S	S
Social/related sciences	1,000	5,000	4,000	3,000	4,000	3,000	5,000	5,000	3,000	4,000
Economics	9,000	14,000	31,000	31,000	S	15,000	S	19,000	27,000	14,000
Political/related sciences	3,000	5,000	12,000	7,000	S	8,000	S	5,000	S	16,000
Psychology	1,000	5,000	7,000	3,000	3,000	1,000	4,000	4,000	2,000	3,000
Sociology/anthropology	4,000	S	1,000	5,000	S	13,000	S	17,000	16,000	6,000
Other social sciences	2,000	23,000	7,000	7,000	S	5,000	S	5,000	S	9,000
Engineering	2,000	3,000	3,000	1,000	4,000	1,000	8,000	4,000	5,000	2,000
Aerospace/aeronautical/astronautical engineering	5,000	S	S	13,000	S	9,000	S	S	2,000	5,000
Chemical engineering	2,000	S	17,000	5,000	S	1,000	S	6,000	S	16,000
Civil/architectural engineering	2,000	8,000	6,000	4,000	10,000	2,000	S	10,000	15,000	1,000
Electrical/computer engineering	1,000	2,000	3,000	2,000	8,000	5,000	7,000	4,000	9,000	1,000

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		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Industrial engineering	4,000	S	5,000	4,000	S	18,000	S	16,000	S	9,000
Mechanical engineering	3,000	17,000	9,000	5,000	3,000	8,000	14,000	3,000	10,000	6,000
Other engineering	1,000	6,000	8,000	3,000	14,000	10,000	18,000	9,000	7,000	6,000
S&E-related fields	2,000	3,000	1,000	2,000	3,000	3,000	3,000	5,000	3,000	2,000
Health	1,000	3,000	1,000	2,000	7,000	2,000	3,000	4,000	2,000	2,000
Science/mathematics teacher education	1,000	8,000	2,000	4,000	5,000	2,000	5,000	6,000	5,000	5,000
Technology/technical fields	5,000	S	15,000	5,000	S	6,000	S	S	S	8,000
Other S&E-related fields	4,000	S	13,000	9,000	S	7,000	S	12,000	S	6,000
Non-S&E fields	1,000	3,000	3,000	3,000	2,000	2,000	2,000	2,000	6,000	2,000
Arts/humanities	3,000	S	3,000	13,000	S	11,000	S	6,000	S	5,000
Education, except science/mathematics teacher education	500	3,000	2,000	1,000	5,000	3,000	2,000	1,000	4,000	3,000
Management/administration	1,000	10,000	2,000	3,000	2,000	2,000	6,000	4,000	3,000	1,000
Sales/marketing	4,000	S	4,000	12,000	S	34,000	S	S	S	15,000
Social services/related	2,000	2,000	4,000	2,000	3,000	2,000	4,000	7,000	3,000	2,000
Other non-S&E fields	3,000	8,000	4,000	6,000	4,000	3,000	S	4,000	11,000	6,000
Doctorate degrees	2,000	3,000	3,000	1,000	1,000	1,000	3,000	3,000	3,000	2,000
S&E fields	1,000	2,000	2,000	2,000	2,000	500	3,000	500	3,000	500
Sciences	500	2,000	2,000	1,000	1,000	2,000	1,000	2,000	2,000	1,000
Biological/agricultural/environmental life sciences	1,000	3,000	5,000	3,000	3,000	4,000	4,000	3,000	5,000	2,000
Agricultural sciences	2,000	S	16,000	5,000	7,000	4,000	7,000	5,000	12,000	3,000
Biological sciences	2,000	3,000	6,000	4,000	2,000	4,000	3,000	3,000	3,000	3,000
Environmental life sciences	2,000	S	S	4,000	6,000	11,000	6,000	8,000	8,000	6,000
Computer/mathematical sciences	1,000	7,000	7,000	3,000	6,000	4,000	8,000	6,000	3,000	8,000
Computer/information sciences	5,000	7,000	13,000	5,000	20,000	3,000	17,000	6,000	11,000	11,000
Mathematics/statistics	1,000	5,000	7,000	4,000	5,000	2,000	8,000	7,000	5,000	6,000
Physical/related sciences	1,000	4,000	2,000	2,000	5,000	6,000	7,000	6,000	4,000	2,000
Chemistry, except biochemistry	1,000	3,000	3,000	3,000	3,000	8,000	12,000	4,000	8,000	4,000
Earth/atmospheric/ocean sciences	2,000	7,000	9,000	7,000	6,000	6,000	1,000	7,000	5,000	5,000
Physics/astronomy	2,000	5,000	5,000	4,000	7,000	4,000	3,000	17,000	5,000	5,000
Other physical sciences	8,000	S	S	S	S	2,000	S	S	S	S
Social/related sciences	500	2,000	3,000	2,000	1,000	3,000	4,000	4,000	3,000	3,000
Economics	2,000	6,000	9,000	6,000	7,000	3,000	9,000	10,000	5,000	7,000
Political/related sciences	3,000	8,000	4,000	10,000	3,000	4,000	6,000	5,000	9,000	6,000
Psychology	2,000	4,000	5,000	1,000	1,000	1,000	4,000	3,000	3,000	1,000
Sociology/anthropology	2,000	4,000	4,000	3,000	3,000	5,000	7,000	3,000	3,000	3,000
Other social sciences	1,000	5,000	4,000	3,000	7,000	3,000	S	16,000	4,000	3,000

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		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Engineering	1,000	500	4,000	2,000	5,000	2,000	2,000	5,000	500	3,000
Aerospace/aeronautical/astronautical engineering	9,000	S	S	10,000	S	8,000	S	S	S	8,000
Chemical engineering	1,000	9,000	7,000	6,000	27,000	5,000	5,000	11,000	5,000	8,000
Civil/architectural engineering	3,000	12,000	7,000	10,000	3,000	4,000	10,000	8,000	5,000	6,000
Electrical/computer engineering	3,000	4,000	5,000	5,000	18,000	2,000	3,000	6,000	1,000	8,000
Industrial engineering	4,000	S	S	9,000	S	S	S	8,000	S	S
Mechanical engineering	1,000	8,000	4,000	2,000	6,000	6,000	8,000	6,000	6,000	1,000
Other engineering	2,000	3,000	2,000	2,000	4,000	3,000	12,000	3,000	9,000	5,000
S&E-related fields	4,000	12,000	5,000	3,000	14,000	5,000	8,000	18,000	11,000	8,000
Health	4,000	9,000	2,000	1,000	7,000	5,000	7,000	10,000	8,000	5,000
Science/mathematics teacher education	2,000	S	S	S	S	S	S	S	S	S
Technology/technical fields	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
Non-S&E fields	2,000	13,000	15,000	8,000	5,000	6,000	7,000	3,000	4,000	3,000
Arts/humanities	5,000	S	S	S	S	S	S	S	S	S
Education, except science/mathematics teacher education	3,000	S	17,000	12,000	S	8,000	S	3,000	S	9,000
Management/administration	3,000	S	S	S	S	S	S	S	S	S
Sales/marketing	S	S	S	S	S	S	S	S	S	S
Social services/related	9,000	S	S	S	S	S	S	S	S	S
Other non-S&E fields	11,000	S	S	S	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 through 2005, 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. See <http://sestat.nsf.gov/docs/location.html> for details on states included in each division. 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.