Characteristics of Scientists and Engineers in the United States: 2006

Detailed Statistical Tables | NSF 11-318 | September 2011

Steven Proudfoot,
Project Officer
Human Resources Statistics Program
(703) 292-7811

General Notes

During the production of this report, the America COMPETES Reauthorization Act of 2010 was signed into law. Section 505 of the bill renames the Division of Science Resources Statistics as the National Center for Science and Engineering Statistics (NCSES). The Center retains its reporting line to the Directorate for Social, Behavioral and Economic Sciences within the National Science Foundation. The new name signals the central role of NCSES in the collection, interpretation, analysis, and dissemination of objective data on the science and engineering enterprise.

The Scientists and Engineers Statistical Data System (SESTAT) is a comprehensive and integrated system of information about employment, education, and demographic characteristics of scientists and engineers in the United States. It is intended to provide policymakers, researchers, and planners with high-quality data on the size, composition, and employment patterns of the nation's science and engineering (S&E) workforce.

SESTAT includes data from three national sample surveys supported by the National Science Foundation (NSF): the National Survey of College Graduates (NSCG), the National Survey of Recent College Graduates (NSRCG), and the Survey of Doctorate Recipients (SDR). Each survey is conducted every 2 to 3 years and is administered to a different sampled segment of the U.S. population having a bachelor's degree or higher, with an emphasis on graduates from U.S. institutions with a degree in science or engineering.

The 2006 SESTAT represents the population with a bachelor's degree or higher in an S&E field, an S&E-related field awarded before July 2005, or a non-S&E field but working in an S&E or S&E-related occupation on 1 October 2003. Although this designated target population is broad and includes many fields of study and many occupations, SESTAT does not represent other groups that can be considered part of the population of scientists and engineers, such as S&E technicians with less than a bachelor's degree.

The detailed statistical tables presented here provide information on the number and median salaries of scientists and engineers by field of highest degree and occupation; demographic characteristics, such as sex, race/ethnicity, citizenship, disability, and age; and employment-related characteristics, such as sector of employment and primary/secondary work activity. The technical appendix provides methodological information about the SESTAT data system, including coverage, component surveys (and links to questionnaires), editing and imputation, sample weights, sampling error and standard error tables, and selected definitions and explanations, including links to degree and occupation classification taxonomies used in the SESTAT.

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TABLE 1. U.S. scientists and engineers, by degree background and labor force status: 2006

Degree background	All scientists and engineers	In labor force					Not in labor force
		Employed, by occupation				Unemployed	
		Total	S&E	S&E related	Non-S&E		
Scientists and engineers	22,630,000	18,927,000	5,024,000	5,246,000	8,657,000	485,000	3,218,000
Educated in S&E (holds at least one S&E degree)	16,602,000	13,752,000	4,295,000	2,236,000	7,221,000	399,000	2,450,000
Highest degree in S&E field	12,436,000	10,156,000	3,930,000	1,143,000	5,083,000	329,000	1,951,000
Highest degree in S&E-related field	1,240,000	1,114,000	74,000	914,000	127,000	10,000	116,000
Highest degree in non-S&E field	2,926,000	2,482,000	291,000	180,000	2,012,000	60,000	383,000
No S&E degree but holds at least one S&E-related degree	4,560,000	3,809,000	217,000	2,506,000	1,086,000	65,000	686,000
Highest degree in S&E-related field	4,149,000	3,473,000	197,000	2,390,000	886,000	54,000	621,000
Highest degree in non-S&E field	412,000	335,000	20,000	116,000	200,000	11,000	65,000
Non-S&E degree only	1,468,000	1,366,000	512,000	504,000	350,000	20,000	82,000

S&E = science and engineering.

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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational classification. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 2. U.S. scientists and engineers, by labor force status, degree background, and level of highest degree: 2006

Labor force status and degree background	Level of highest degree									
	All degree levels		Bachelor's		Master's		Doctorate		Professional	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Scientists and engineers	22,630,000	100.0	13,228,000	58.5	6,411,000	28.3	1,018,000	4.5	1,973,000	8.7
Employed	18,927,000	100.0	10,886,000	57.5	5,384,000	28.4	883,000	4.7	1,774,000	9.4
Employed in S&E occupation	5,024,000	100.0	2,911,000	57.9	1,497,000	29.8	566,000	11.3	50,000	1.0
Educated in S&E (holds at least one S&E degree)	4,295,000	100.0	2,359,000	54.9	1,350,000	31.4	548,000	12.8	37,000	0.9
No S&E degree but holds at least one S&E-related degree	217,000	100.0	145,000	67.0	51,000	23.7	10,000	4.8	10,000	4.6
Non-S&E degree only	512,000	100.0	407,000	79.3	96,000	18.7	8,000	1.5	2,000	0.5
Employed in S&E-related occupation	5,246,000	100.0	2,810,000	53.6	1,266,000	24.1	97,000	1.8	1,073,000	20.5
Educated in S&E (holds at least one S&E degree)	2,236,000	100.0	963,000	43.1	551,000	24.7	69,000	3.1	653,000	29.2
No S&E degree but holds at least one S&E-related degree	2,506,000	100.0	1,491,000	59.5	580,000	23.2	20,000	0.8	415,000	16.5
Non-S&E degree only	504,000	100.0	356,000	70.7	134,000	26.7	8,000	1.6	5,000	1.0
Employed in non-S&E occupation	8,657,000	100.0	5,165,000	59.7	2,621,000	30.3	220,000	2.5	652,000	7.5
Educated in S&E (holds at least one S&E degree)	7,221,000	100.0	4,272,000	59.2	2,146,000	29.7	198,000	2.7	605,000	8.4
No S&E degree but holds at least one S&E-related degree	1,086,000	100.0	671,000	61.8	358,000	33.0	17,000	1.6	39,000	3.6
Non-S&E degree only	350,000	100.0	221,000	63.3	117,000	33.4	4,000	1.2	7,000	2.1
Unemployed	485,000	100.0	322,000	66.5	129,000	26.6	14,000	2.9	19,000	4.0
Educated in S&E (holds at least one S&E degree)	399,000	100.0	270,000	67.5	103,000	25.9	13,000	3.3	13,000	3.3
No S&E degree but holds at least one S&E-related degree	65,000	100.0	36,000	55.4	22,000	33.7	1,000	1.5	6,000	9.3
Non-S&E degree only	20,000	100.0	17,000	82.1	4,000	17.9	ne	ne	ne	ne
Not in labor force	3,218,000	100.0	2,020,000	62.8	898,000	27.9	121,000	3.8	179,000	5.6
Educated in S&E (holds at least one S&E degree)	2,450,000	100.0	1,519,000	62.0	706,000	28.8	111,000	4.5	114,000	4.7
No S&E degree but holds at least one S&E-related degree	686,000	100.0	445,000	64.8	168,000	24.5	10,000	1.5	64,000	9.3
Non-S&E degree only	82,000	100.0	57,000	69.7	24,000	29.3	ne	ne	ne	ne

ne = not eligible; does not meet SESTAT population criteria.

S&E = science and engineering.

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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational classification. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 3. Relationship of highest degree to type of occupation of U.S. scientists and engineers, by level and field of highest degree: 2006

(Percent distribution)

Level and field of highest degree	All occupations		Relationship of highest degree to type of occupation											
			S&E occupation				S&E-related occupation				Non-S&E occupation			
	Number	Percent	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
All degree levels and fields[a]	18,927,000	100.0	26.5	16.2	7.4	3.0	27.7	21.6	4.0	2.2	45.7	17.9	13.2	14.6
S&E fields	10,156,000	100.0	38.7	25.5	10.1	3.1	11.3	6.1	3.4	1.8	50.0	13.1	16.5	20.4
Sciences	7,719,000	100.0	30.1	20.0	7.0	3.0	12.3	6.7	3.5	2.1	57.6	15.3	18.3	24.0
Biological/agricultural/environmental life sciences	1,555,000	100.0	30.8	20.8	6.9	3.1	24.7	14.5	7.6	2.6	44.5	11.3	11.5	21.8
Agricultural sciences	267,000	100.0	23.5	15.6	5.5	2.3	11.7	5.4	5.0	1.2	64.8	25.8	14.4	24.6
Biological sciences	1,125,000	100.0	31.6	21.2	7.2	3.2	29.7	18.2	8.5	3.0	38.7	7.4	10.2	21.1
Environmental life sciences	164,000	100.0	37.2	26.1	7.1	3.9	11.2	4.0	5.6	1.7	51.6	14.2	15.2	22.3
Computer/mathematical sciences	1,586,000	100.0	58.9	42.2	14.6	2.1	11.9	8.0	2.8	1.0	29.2	6.4	10.4	12.4
Computer/information sciences	1,103,000	100.0	67.4	51.5	14.0	1.9	8.4	5.7	1.7	1.0	24.2	6.7	7.3	10.2
Mathematics/statistics	483,000	100.0	39.7	21.1	15.9	2.6	19.7	13.3	5.2	1.2	40.6	5.8	17.4	17.4
Physical/related sciences	688,000	100.0	54.6	34.4	14.2	6.0	13.0	6.4	4.5	2.1	32.4	6.1	9.0	17.3
Chemistry, except biochemistry	319,000	100.0	53.2	35.6	12.6	5.0	15.4	7.7	5.2	2.5	31.4	6.9	9.1	15.4
Earth/atmospheric/ocean sciences	173,000	100.0	57.3	38.3	13.4	5.6	12.4	6.4	4.2	1.8	30.3	4.4	6.1	19.9
Physics/astronomy	154,000	100.0	61.0	30.9	21.2	9.0	9.2	4.4	3.4	1.4	29.7	3.7	11.9	14.2
Other physical sciences	41,000	100.0	30.4	21.8	4.6	3.9	10.4	4.4	3.5	2.5	59.3	15.8	10.0	33.6
Social/related sciences	3,890,000	100.0	13.7	8.1	2.7	2.9	7.4	3.1	2.0	2.3	78.9	22.1	26.0	30.8
Economics	594,000	100.0	13.3	6.4	3.7	3.2	3.4	0.7	1.3	1.4	83.3	22.9	37.7	22.7
Political/related sciences	691,000	100.0	10.6	5.0	2.4	3.1	5.8	2.2	1.0	2.6	83.7	16.6	25.3	41.8
Psychology	1,422,000	100.0	17.4	12.6	2.5	2.3	8.3	3.6	2.5	2.2	74.3	26.8	21.7	25.8
Sociology/anthropology	759,000	100.0	9.9	5.2	2.0	2.7	7.4	1.7	2.4	3.2	82.7	21.2	27.3	34.2
Other social sciences	424,000	100.0	13.3	5.9	3.4	4.0	12.6	8.3	2.2	2.1	74.1	16.2	22.5	35.4
Engineering	2,437,000	100.0	66.0	42.9	19.9	3.3	8.0	4.1	3.0	0.9	26.0	6.4	10.6	9.0
Aerospace/aeronautical/astronautical engineering	83,000	100.0	59.1	38.2	13.3	7.6	9.7	3.5	2.6	3.6	31.2	10.1	12.0	9.1
Chemical engineering	165,000	100.0	64.2	35.0	23.8	5.4	9.6	2.7	4.8	2.1	26.2	5.6	11.6	8.9
Civil/architectural engineering	396,000	100.0	65.5	50.5	12.6	2.4	8.9	6.4	2.2	0.4	25.6	9.3	10.1	6.2
Electrical/computer engineering	791,000	100.0	74.3	47.9	23.4	2.9	7.0	3.4	3.1	0.6	18.7	4.3	7.1	7.2
Industrial engineering	146,000	100.0	48.4	26.1	20.3	2.0	9.8	3.8	3.6	2.4	41.8	10.5	16.6	14.8
Mechanical engineering	506,000	100.0	64.1	40.8	19.9	3.4	7.4	3.4	3.6	0.4	28.5	4.7	12.7	11.2
Other engineering	351,000	100.0	60.4	37.4	19.8	3.2	8.2	4.8	2.2	1.2	31.4	7.9	12.9	10.7
S&E-related fields	4,587,000	100.0	5.9	3.8	1.6	0.5	72.0	66.4	4.5	1.1	22.1	7.9	6.1	8.0
Health	3,596,000	100.0	2.6	1.5	0.8	0.3	82.1	76.2	4.8	1.1	15.3	5.2	3.9	6.2
Science/mathematics teacher education	334,000	100.0	7.6	5.6	1.1	0.9	45.0	40.3	3.0	1.8	47.4	18.8	11.9	16.6
Technology/technical fields	328,000	100.0	39.1	26.7	11.0	1.4	11.5	6.2	3.7	1.5	49.4	17.8	18.4	13.2
Other S&E-related fields	329,000	100.0	7.4	4.2	1.5	1.7	49.5	45.8	3.6	0.2	43.1	16.6	12.2	14.2
Non-S&E fields	4,184,000	100.0	19.7	7.1	7.2	5.4	19.1	10.1	4.7	4.3	61.2	40.5	13.2	7.6

TABLE 3. Relationship of highest degree to type of occupation of U.S. scientists and engineers, by level and field of highest degree: 2006

(Percent distribution)

Level and field of highest degree	All occupations		Relationship of highest degree to type of occupation											
			S&E occupation				S&E-related occupation				Non-S&E occupation			
	Number	Percent	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
Arts/humanities	329,000	100.0	32.2	4.6	6.0	21.6	33.5	12.4	8.0	13.2	34.2	15.9	9.1	9.2
Education, except science/mathematics teacher education	924,000	100.0	7.1	2.9	1.9	2.3	33.2	24.1	5.2	3.9	59.7	43.2	8.9	7.6
Management/administration	1,387,000	100.0	32.3	12.6	14.9	4.9	15.8	6.0	5.7	4.1	51.9	27.4	18.1	6.4
Sales/marketing	146,000	100.0	30.4	10.7	13.1	6.6	9.2	0.8	4.7	3.7	60.4	31.1	20.7	8.6
Social services/related	342,000	100.0	11.2	4.7	1.3	5.2	11.5	5.4	2.2	3.9	77.3	59.5	7.7	10.0
Other non-S&E fields	1,056,000	100.0	11.4	4.6	3.3	3.6	10.5	5.2	2.9	2.4	78.1	58.1	12.4	7.6
Bachelor's degrees	10,886,000	100.0	26.7	15.1	7.9	3.8	25.8	18.5	4.5	2.8	47.4	11.9	15.3	20.3
S&E fields	7,415,000	100.0	31.6	19.5	9.0	3.1	11.7	6.2	3.5	2.0	56.7	13.1	18.6	24.9
Sciences	5,680,000	100.0	22.3	13.3	5.9	3.2	12.7	6.8	3.6	2.3	64.9	15.1	20.6	29.2
Biological/agricultural/environmental life sciences	1,151,000	100.0	21.4	12.7	5.6	3.1	26.3	15.3	8.2	2.8	52.3	12.8	12.6	26.9
Agricultural sciences	218,000	100.0	16.4	9.5	4.4	2.5	10.9	4.4	5.3	1.3	72.7	29.0	15.6	28.2
Biological sciences	807,000	100.0	21.0	12.2	5.7	3.1	32.8	20.1	9.4	3.4	46.2	8.0	11.6	26.6
Environmental life sciences	125,000	100.0	32.9	21.7	6.9	4.4	11.2	3.4	6.0	1.8	55.9	15.7	13.8	26.4
Computer/mathematical sciences	1,123,000	100.0	55.0	38.4	14.6	2.0	12.5	8.7	2.7	1.1	32.5	5.8	11.8	14.9
Computer/information sciences	774,000	100.0	66.0	50.2	14.0	1.9	8.3	5.7	1.6	1.0	25.7	5.9	7.8	12.0
Mathematics/statistics	349,000	100.0	30.6	12.3	15.8	2.4	21.9	15.4	5.3	1.3	47.5	5.6	20.6	21.4
Physical/related sciences	419,000	100.0	44.5	27.2	11.2	6.0	13.7	7.1	4.1	2.4	41.8	7.9	10.4	23.5
Chemistry, except biochemistry	206,000	100.0	44.5	30.1	9.6	4.7	16.4	8.6	5.1	2.7	39.1	9.0	10.3	19.8
Earth/atmospheric/ocean sciences	105,000	100.0	47.6	30.2	10.9	6.5	13.7	7.3	3.9	2.5	38.6	4.3	8.0	26.4
Physics/astronomy	74,000	100.0	48.8	19.2	19.4	10.2	7.9	4.2	2.4	1.4	43.2	5.7	13.7	23.8
Other physical sciences	34,000	100.0	25.5	17.5	4.7	3.4	10.1	4.5	2.7	2.9	64.4	16.9	11.6	35.8
Social/related sciences	2,988,000	100.0	7.3	2.1	2.0	3.2	7.4	2.8	2.1	2.6	85.3	20.4	28.5	36.3
Economics	504,000	100.0	8.8	2.4	3.1	3.3	3.4	0.7	1.2	1.5	87.8	24.3	38.9	24.5
Political/related sciences	561,000	100.0	7.2	1.9	1.8	3.4	5.2	2.1	0.8	2.3	87.6	15.8	25.4	46.3
Psychology	921,000	100.0	6.8	2.0	1.8	3.0	9.1	3.7	2.9	2.6	84.1	22.7	26.9	34.5
Sociology/anthropology	676,000	100.0	5.8	1.7	1.5	2.7	7.8	1.8	2.5	3.5	86.4	21.1	28.4	36.8
Other social sciences	326,000	100.0	9.6	2.8	2.3	4.5	11.9	7.0	2.3	2.6	78.5	14.4	22.7	41.4
Engineering	1,735,000	100.0	62.0	39.9	19.3	2.9	8.5	4.4	3.1	1.0	29.5	6.8	11.9	10.8
Aerospace/aeronautical/astronautical engineering	59,000	100.0	51.2	30.9	12.4	7.9	10.0	2.9	2.5	4.6	38.9	13.1	14.0	11.7
Chemical engineering	120,000	100.0	62.9	32.8	25.3	4.7	9.7	2.6	4.6	2.5	27.5	6.2	10.7	10.6
Civil/architectural engineering	295,000	100.0	62.3	48.1	12.3	1.9	9.3	7.1	2.0	0.2	28.4	10.2	11.5	6.7
Electrical/computer engineering	544,000	100.0	71.3	44.7	23.6	3.1	7.6	3.4	3.5	0.7	21.1	4.0	8.1	9.0
Industrial engineering	108,000	100.0	42.4	21.5	19.1	1.8	10.9	4.1	3.8	3.0	46.7	10.8	18.2	17.6
Mechanical engineering	405,000	100.0	60.5	40.0	17.9	2.6	7.7	3.7	3.6	0.4	31.8	5.2	14.3	12.2
Other engineering	203,000	100.0	53.1	31.4	19.1	2.6	8.6	5.7	1.9	1.0	38.4	8.8	14.7	14.9

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(Percent distribution)

Level and field of highest degree	All occupations		Relationship of highest degree to type of occupation											
			S&E occupation				S&E-related occupation				Non-S&E occupation			
	Number	Percent	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
S&E-related fields	2,399,000	100.0	6.3	3.5	2.0	0.8	65.5	58.5	5.9	1.1	28.2	8.2	8.1	12.0
Health	1,731,000	100.0	1.9	0.5	0.9	0.5	79.3	71.4	6.7	1.2	18.8	4.3	4.7	9.8
Science/mathematics teacher education	159,000	100.0	5.2	3.5	1.2	0.6	33.8	30.1	2.5	1.2	60.9	20.1	17.1	23.7
Technology/technical fields	275,000	100.0	35.7	24.4	10.1	1.3	11.2	5.9	3.7	1.6	53.0	19.1	19.8	14.1
Other S&E-related fields	234,000	100.0	4.9	1.5	1.1	2.2	48.4	43.9	4.3	0.2	46.7	16.5	12.7	17.5
Non-S&E fields	1,071,000	100.0	38.8	10.2	13.8	14.8	34.5	14.0	8.7	11.9	26.7	11.4	8.5	6.8
Arts/humanities	219,000	100.0	41.1	5.2	8.1	27.8	38.6	12.8	9.2	16.7	20.3	8.5	7.8	4.0
Education, except science/mathematics teacher education	182,000	100.0	15.0	2.8	4.8	7.4	54.4	31.6	6.9	15.8	30.6	18.1	3.3	9.2
Management/administration	411,000	100.0	48.5	16.3	22.6	9.6	25.3	7.5	9.2	8.5	26.2	10.6	9.9	5.7
Sales/marketing	52,000	100.0	47.0	9.6	21.0	16.5	19.9	1.8	9.6	8.5	33.1	10.7	13.6	8.8
Social services/related	35,000	100.0	36.1	1.5	1.5	33.2	34.9	9.8	6.3	18.8	29.0	13.0	4.6	11.5
Other non-S&E fields	172,000	100.0	36.0	11.9	9.6	14.5	34.6	16.6	9.0	8.9	29.5	9.6	11.1	8.8
Master's degrees	5,384,000	100.0	27.8	17.9	7.7	2.2	23.5	17.9	3.9	1.7	48.7	27.1	13.2	8.4
S&E fields	2,022,000	100.0	51.8	36.6	12.3	2.9	10.6	6.1	3.1	1.4	37.6	15.6	12.2	9.8
Sciences	1,447,000	100.0	42.5	31.4	8.6	2.5	12.0	7.1	3.3	1.6	45.4	19.6	14.0	11.8
Biological/agricultural/environmental life sciences	210,000	100.0	45.0	33.0	8.4	3.6	24.4	16.2	6.0	2.2	30.6	8.5	11.4	10.7
Agricultural sciences	29,000	100.0	46.5	36.9	9.0	0.6	20.4	13.9	5.3	1.2	33.1	14.7	10.5	7.9
Biological sciences	148,000	100.0	44.6	31.6	8.6	4.4	27.9	19.0	6.5	2.5	27.5	7.0	9.2	11.3
Environmental life sciences	33,000	100.0	45.3	35.8	6.9	2.6	12.3	6.0	4.8	1.5	42.4	9.8	22.2	10.5
Computer/mathematical sciences	411,000	100.0	66.5	50.4	14.1	2.1	11.0	6.9	3.1	1.0	22.5	8.2	7.4	6.8
Computer/information sciences	309,000	100.0	69.7	54.2	13.6	1.9	8.9	5.9	2.0	1.0	21.4	8.8	6.4	6.2
Mathematics/statistics	102,000	100.0	56.9	38.6	15.6	2.7	17.5	9.8	6.4	1.3	25.6	6.6	10.5	8.5
Physical/related sciences	132,000	100.0	63.2	41.7	15.6	6.0	16.0	7.8	6.9	1.2	20.8	2.8	6.7	11.4
Chemistry, except biochemistry	43,000	100.0	60.9	41.7	12.0	7.2	21.9	10.2	8.7	3.0	17.2	1.0	5.6	10.6
Earth/atmospheric/ocean sciences	50,000	100.0	68.1	46.5	17.2	4.5	12.2	6.1	5.7	0.5	19.7	4.8	2.9	12.0
Physics/astronomy	34,000	100.0	61.1	35.1	19.7	6.4	14.1	7.7	6.0	0.4	24.8	1.9	14.4	8.5
Other physical sciences	4,000	100.0	46.4	37.0	S	9.3	15.4	4.9	10.5	S	38.2	4.3	S	33.9
Social/related sciences	694,000	100.0	23.7	17.7	4.1	1.8	8.2	4.4	1.9	1.9	68.2	32.9	20.1	15.1
Economics	67,000	100.0	26.5	15.9	6.7	3.8	4.1	0.7	2.2	1.2	69.4	15.4	38.1	15.9
Political/related sciences	110,000	100.0	18.6	11.6	4.9	2.1	9.3	3.2	2.1	4.0	72.1	21.1	26.5	24.5
Psychology	379,000	100.0	24.2	20.3	2.8	1.0	7.4	3.8	1.8	1.8	68.4	42.7	14.1	11.6
Sociology/anthropology	56,000	100.0	32.0	23.5	4.6	3.9	3.4	0.5	1.6	1.3	64.6	27.3	21.3	16.1
Other social sciences	81,000	100.0	20.0	11.2	6.7	2.1	16.9	14.4	1.8	0.7	63.1	21.5	23.8	17.8
Engineering	575,000	100.0	75.1	49.7	21.5	3.9	6.8	3.4	2.8	0.6	18.0	5.5	7.7	4.9
Aerospace/aeronautical/astronautical engineering	18,000	100.0	76.9	56.5	12.7	7.6	10.5	6.3	3.0	1.2	12.6	2.0	7.7	3.0

TABLE 3. Relationship of highest degree to type of occupation of U.S. scientists and engineers, by level and field of highest degree: 2006

(Percent distribution)

Level and field of highest degree	All occupations		Relationship of highest degree to type of occupation											
			S&E occupation				S&E-related occupation				Non-S&E occupation			
	Number	Percent	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
Chemical engineering	27,000	100.0	65.9	40.1	17.2	8.7	8.8	3.1	5.2	0.5	25.3	4.1	17.0	4.2
Civil/architectural engineering	90,000	100.0	73.3	56.7	12.7	3.9	8.1	4.4	2.6	1.1	18.6	7.2	6.7	4.7
Electrical/computer engineering	210,000	100.0	80.8	54.9	23.6	2.3	5.9	3.3	2.4	0.2	13.3	5.1	4.6	3.7
Industrial engineering	34,000	100.0	65.3	38.6	24.3	2.4	6.7	2.7	3.3	0.7	28.0	9.4	11.7	6.9
Mechanical engineering	84,000	100.0	78.4	42.7	29.1	6.6	5.7	1.7	3.7	0.2	16.0	2.2	6.4	7.4
Other engineering	112,000	100.0	68.5	44.2	20.5	3.9	7.4	3.7	2.3	1.4	24.0	6.9	11.9	5.3
S&E-related fields	1,012,000	100.0	7.9	5.4	2.0	0.5	64.2	57.8	4.7	1.6	27.9	13.9	7.8	6.1
Health	704,000	100.0	3.9	2.6	1.1	0.2	70.8	63.6	5.5	1.7	25.3	13.3	7.2	4.8
Science/mathematics teacher education	168,000	100.0	8.0	5.8	1.0	1.2	57.1	51.1	3.6	2.4	34.9	16.8	7.5	10.6
Technology/technical fields	50,000	100.0	54.3	36.5	16.0	1.8	13.4	8.1	4.0	1.3	32.3	11.2	11.8	9.3
Other S&E-related fields	90,000	100.0	13.1	10.0	2.7	0.5	54.6	52.7	1.7	0.2	32.4	15.0	11.3	6.1
Non-S&E fields	2,350,000	100.0	15.7	7.1	6.3	2.3	17.1	11.0	4.1	2.0	67.1	42.6	16.3	8.2
Arts/humanities	92,000	100.0	14.6	3.3	1.8	9.4	27.3	13.2	6.5	7.6	58.1	26.9	11.4	19.8
Education, except science/mathematics teacher education	681,000	100.0	4.5	2.2	1.3	1.0	28.8	23.0	4.9	0.9	66.8	49.1	10.3	7.4
Management/administration	962,000	100.0	25.5	10.9	11.8	2.9	11.9	5.5	4.2	2.2	62.5	33.9	21.9	6.8
Sales/marketing	92,000	100.0	21.5	11.5	8.9	1.1	3.2	0.2	2.0	1.0	75.2	41.7	25.1	8.4
Social services/related	276,000	100.0	8.0	4.8	1.4	1.8	8.9	4.7	1.8	2.4	83.1	64.1	8.5	10.5
Other non-S&E fields	248,000	100.0	15.6	8.1	5.0	2.5	15.8	9.2	4.1	2.4	68.7	40.7	18.5	9.5
Doctorate degrees	883,000	100.0	64.1	48.2	12.8	3.1	11.0	6.7	3.1	1.1	24.9	13.6	7.1	4.2
S&E fields	699,000	100.0	74.9	56.0	15.7	3.2	8.5	4.1	3.2	1.2	16.6	6.3	6.7	3.7
Sciences	573,000	100.0	73.9	56.7	14.4	2.9	8.8	4.4	3.2	1.3	17.2	6.6	6.8	3.8
Biological/agricultural/environmental life sciences	195,000	100.0	71.1	55.3	13.6	2.2	15.2	8.1	5.2	1.8	13.8	4.9	5.2	3.7
Agricultural sciences	19,000	100.0	69.8	53.9	13.1	2.8	7.1	4.3	2.0	0.8	23.1	6.4	7.2	9.5
Biological sciences	169,000	100.0	71.0	55.2	13.7	2.1	16.4	8.7	5.8	2.0	12.7	4.6	4.9	3.1
Environmental life sciences	6,000	100.0	77.7	62.6	13.2	1.9	6.8	5.3	0.9	0.6	15.6	6.8	6.4	2.3
Computer/mathematical sciences	52,000	100.0	83.7	60.3	19.2	4.2	4.6	2.0	1.8	0.8	11.7	4.9	4.2	2.5
Computer/information sciences	19,000	100.0	85.0	59.7	21.9	3.3	6.0	2.7	2.9	0.4	9.0	4.4	3.6	1.1
Mathematics/statistics	33,000	100.0	83.0	60.5	17.6	4.8	3.7	1.6	1.2	1.0	13.3	5.3	4.7	3.3
Physical/related sciences	137,000	100.0	77.3	49.5	22.1	5.7	7.7	3.0	3.1	1.6	15.0	3.8	6.9	4.2
Chemistry, except biochemistry	71,000	100.0	73.9	48.0	21.6	4.3	8.5	3.7	3.3	1.4	17.6	4.6	7.6	5.4
Earth/atmospheric/ocean sciences	18,000	100.0	84.4	63.6	17.5	3.3	4.9	1.6	1.6	1.7	10.7	3.9	3.8	3.1
Physics/astronomy	47,000	100.0	80.4	46.2	25.1	9.1	7.7	2.4	3.3	2.0	11.9	1.7	7.2	3.0
Other physical sciences	3,000	100.0	66.6	53.3	12.4	0.9	5.1	2.4	1.8	0.9	28.3	20.3	4.4	3.7
Social/related sciences	188,000	100.0	71.8	62.3	8.2	1.3	4.3	2.2	1.6	0.5	23.9	10.7	9.1	4.0
Economics	23,000	100.0	74.1	64.1	8.9	1.1	1.3	0.5	0.5	0.3	24.5	12.9	8.9	2.6

TABLE 3. Relationship of highest degree to type of occupation of U.S. scientists and engineers, by level and field of highest degree: 2006

(Percent distribution)

Level and field of highest degree	All occupations		Relationship of highest degree to type of occupation											
			S&E occupation				S&E-related occupation				Non-S&E occupation			
	Number	Percent	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
Political/related sciences	19,000	100.0	62.9	56.1	5.6	1.2	2.3	0.6	1.0	0.7	34.8	12.1	13.2	9.6
Psychology	102,000	100.0	77.9	68.7	8.3	1.0	5.0	2.6	2.0	0.4	17.1	7.4	6.8	2.8
Sociology/anthropology	27,000	100.0	66.2	55.6	8.9	1.7	5.0	1.9	2.0	1.1	28.8	11.1	12.3	5.4
Other social sciences	17,000	100.0	51.2	39.7	9.0	2.5	5.9	3.9	1.3	0.8	42.9	24.8	13.2	4.9
Engineering	127,000	100.0	78.9	52.8	21.5	4.6	7.1	3.1	2.9	1.2	13.9	5.0	6.0	2.9
Aerospace/aeronautical/astronautical engineering	6,000	100.0	83.8	55.0	24.8	4.0	4.5	1.7	1.6	1.2	11.7	4.2	5.2	2.3
Chemical engineering	17,000	100.0	71.1	42.0	23.7	5.4	10.3	3.0	5.4	1.9	18.6	4.2	9.8	4.6
Civil/architectural engineering	11,000	100.0	86.2	65.0	19.7	1.5	6.5	4.5	1.5	0.5	7.3	2.9	2.0	2.4
Electrical/computer engineering	37,000	100.0	82.1	57.1	21.0	3.9	5.0	2.5	1.7	0.9	12.9	5.9	5.4	1.5
Industrial engineering	3,000	100.0	67.8	49.7	15.7	2.4	7.0	4.6	2.4	S	25.3	9.8	13.0	2.4
Mechanical engineering	17,000	100.0	80.6	51.7	21.7	7.2	7.2	3.0	2.9	1.3	12.2	3.4	4.8	3.9
Other engineering	35,000	100.0	76.8	50.5	21.5	4.9	8.3	3.4	3.5	1.4	14.9	5.6	6.0	3.4
S&E-related fields	57,000	100.0	36.4	32.1	3.8	0.5	40.5	33.9	5.1	1.5	23.1	15.8	5.5	1.9
Health	41,000	100.0	31.4	27.4	3.7	0.3	52.4	43.7	7.1	1.6	16.2	7.7	6.5	1.9
Science/mathematics teacher education	8,000	100.0	46.7	44.5	2.2	S	13.6	13.6	S	S	39.7	37.3	1.2	1.2
Technology/technical fields	3,000	100.0	90.1	71.7	13.4	5.1	S	S	S	S	9.9	7.6	2.3	S
Other S&E-related fields	4,000	100.0	25.2	25.2	S	S	5.9	2.6	S	3.3	68.9	59.4	5.1	4.4
Non-S&E fields	127,000	100.0	17.4	12.5	1.2	3.7	11.3	9.0	1.9	0.3	71.4	52.8	10.5	8.1
Arts/humanities	18,000	100.0	15.4	4.3	2.5	8.6	4.2	3.2	1.0	S	80.4	47.5	14.0	19.0
Education, except science/mathematics teacher education	57,000	100.0	14.1	11.2	0.9	2.0	17.0	13.7	3.3	S	68.9	52.7	11.3	4.9
Management/administration	15,000	100.0	22.6	20.7	1.9	S	S	S	S	S	77.4	69.7	1.1	6.6
Sales/marketing	2,000	100.0	S	S	S	S	S	S	S	S	S	89.1	S	10.9
Social services/related	19,000	100.0	18.7	11.6	0.1	7.0	10.6	9.4	S	1.2	70.7	64.7	4.6	1.4
Other non-S&E fields	17,000	100.0	26.4	20.8	1.5	4.1	10.6	7.5	2.2	0.9	63.1	27.1	19.8	16.2

S = 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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational classification. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 4. Occupational category of employed U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		S&E occupations					S&E-related occupations					Non-S&E occupations
	Number	Percent	Computer/ mathematical scientists	Biological/ agricultural/ other life scientists	Physical/ related scientists	Social/ related scientists	Engineers	Health occupations	S&E managers	S&E precollege teachers	S&E technicians and technologists	Other S&E-related occupations	
All levels and fields[a]	18,927,000	100.0	11.2	2.6	1.8	2.5	8.6	19.2	2.0	3.4	2.0	1.2	45.7
S&E fields	10,156,000	100.0	14.6	4.0	3.0	3.5	13.6	4.4	2.0	2.0	2.3	0.5	50.0
Sciences	7,719,000	100.0	14.8	5.1	3.7	4.5	1.9	5.6	1.5	2.5	2.3	0.4	57.6
Biological/agricultural/environmental life sciences	1,555,000	100.0	3.4	22.2	3.0	0.3	1.9	15.1	1.3	3.8	4.4	0.2	44.5
Agricultural sciences	267,000	100.0	1.6	17.8	2.2	0.1	1.7	6.7	0.5	1.7	2.6	0.3	64.8
Biological sciences	1,125,000	100.0	3.7	23.9	2.4	0.3	1.3	19.0	1.4	4.5	4.7	S	38.7
Environmental life sciences	164,000	100.0	4.1	18.0	7.6	1.0	6.5	2.0	1.4	2.0	5.0	0.8	51.6
Computer/mathematical sciences	1,586,000	100.0	55.4	0.2	0.2	0.4	2.8	0.7	3.0	3.4	3.3	1.5	29.2
Computer/information sciences	1,103,000	100.0	64.2	0.1	S	0.4	2.6	0.8	3.5	0.7	3.2	0.3	24.2
Mathematics/statistics	483,000	100.0	35.2	0.3	0.4	0.5	3.3	0.7	1.7	9.5	3.6	4.2	40.6
Physical/related sciences	688,000	100.0	8.6	3.7	34.0	0.2	8.2	3.7	2.2	4.0	2.9	0.2	32.4
Chemistry, except biochemistry	319,000	100.0	5.4	5.7	36.2	0.1	5.8	6.7	1.6	3.9	3.2	S	31.4
Earth/atmospheric/ocean sciences	173,000	100.0	5.5	1.2	42.3	0.4	7.9	0.6	2.9	5.0	3.4	0.4	30.3
Physics/astronomy	154,000	100.0	19.2	2.0	25.5	0.2	14.1	0.6	2.9	3.5	2.0	0.2	29.7
Other physical sciences	41,000	100.0	6.2	4.4	14.0	S	5.7	5.2	0.3	2.3	2.6	S	59.3
Social/related sciences	3,890,000	100.0	4.0	0.5	0.2	8.6	0.5	4.1	0.9	1.4	0.9	0.1	78.9
Economics	594,000	100.0	5.8	0.7	0.1	5.9	0.8	1.0	0.7	0.5	1.0	0.2	83.3
Political/related sciences	691,000	100.0	3.6	0.2	0.3	6.0	0.6	2.4	1.3	1.5	0.7	S	83.7
Psychology	1,422,000	100.0	3.0	0.4	S	13.7	0.3	5.7	1.1	1.1	0.4	0.1	74.3
Sociology/anthropology	759,000	100.0	3.6	0.4	0.1	5.5	0.3	5.4	0.4	0.9	0.6	0.1	82.7
Other social sciences	424,000	100.0	6.0	0.8	1.0	5.0	0.6	3.5	0.8	4.7	3.0	0.5	74.1
Engineering	2,437,000	100.0	13.9	0.4	0.8	0.2	50.7	0.6	3.7	0.5	2.5	0.7	26.0
Aerospace/aeronautical/astronautical engineering	83,000	100.0	9.2	S	0.6	S	49.2	1.9	3.6	0.1	2.6	1.4	31.2
Chemical engineering	165,000	100.0	5.4	1.3	3.3	0.2	54.0	1.6	4.4	1.7	1.9	0.1	26.2
Civil/architectural engineering	396,000	100.0	2.8	S	0.3	0.3	62.0	S	3.0	0.4	1.9	3.6	25.6
Electrical/computer engineering	791,000	100.0	30.3	0.1	0.3	0.2	43.5	0.3	3.5	0.3	2.9	0.1	18.7
Industrial engineering	146,000	100.0	9.3	0.1	0.2	1.1	37.6	1.3	3.6	1.0	4.0	S	41.8
Mechanical engineering	506,000	100.0	6.3	0.1	0.2	S	57.5	0.3	4.6	0.3	2.0	0.1	28.5
Other engineering	351,000	100.0	7.8	2.0	2.3	0.2	48.2	1.4	3.0	0.5	2.9	0.3	31.4
S&E-related fields	4,587,000	100.0	2.5	1.0	0.2	0.6	1.5	63.1	1.5	3.2	0.8	3.4	22.1
Health	3,596,000	100.0	0.7	1.3	0.1	0.3	0.1	80.1	1.5	0.2	0.3	S	15.3
Science/mathematics teacher education	334,000	100.0	5.7	0.4	1.0	0.2	0.3	2.8	0.1	41.0	1.1	0.1	47.4
Technology/technical fields	328,000	100.0	20.2	S	0.4	S	18.5	2.0	3.0	0.5	5.4	0.5	49.4
Other S&E-related fields	329,000	100.0	1.4	S	0.3	3.9	1.7	0.1	1.1	0.2	1.3	46.9	43.1
Non-S&E fields	4,184,000	100.0	12.2	0.9	0.4	2.2	4.0	6.8	2.6	7.0	2.3	0.4	61.2
Arts/humanities	329,000	100.0	26.1	0.5	0.4	3.1	2.1	13.3	1.8	10.7	5.7	1.9	34.2
Education, except science/mathematics teacher education	924,000	100.0	3.7	0.5	0.3	1.6	1.0	8.2	0.7	22.9	1.0	0.5	59.7

TABLE 4. Occupational category of employed U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		S&E occupations					S&E-related occupations					Non-S&E occupations
	Number	Percent	Computer/ mathematical scientists	Biological/ agricultural/ other life scientists	Physical/ related scientists	Social/ related scientists	Engineers	Health occupations	S&E managers	S&E precollege teachers	S&E technicians and technologists	Other S&E-related occupations	
Management/administration	1,387,000	100.0	20.8	1.0	0.4	1.3	8.7	5.4	5.1	1.4	3.6	0.3	51.9
Sales/marketing	146,000	100.0	14.4	0.5	0.1	8.2	7.3	4.9	1.8	1.1	1.4	S	60.4
Social services/related	342,000	100.0	5.7	0.2	S	4.6	0.7	6.4	2.4	1.5	1.2	S	77.3
Other non-S&E fields	1,056,000	100.0	5.8	1.6	0.6	1.9	1.5	5.9	1.4	1.8	1.3	0.1	78.1
Bachelor's degrees	10,886,000	100.0	12.8	1.9	1.5	1.0	9.6	17.1	1.8	2.6	2.8	1.4	47.4
S&E fields	7,415,000	100.0	13.5	2.4	2.0	1.0	12.8	4.9	1.7	2.0	2.7	0.5	56.7
Sciences	5,680,000	100.0	13.8	3.0	2.5	1.3	1.8	6.1	1.1	2.4	2.6	0.4	64.9
Biological/agricultural/environmental life sciences	1,151,000	100.0	3.2	13.2	2.8	0.3	2.0	16.5	0.9	3.7	5.0	0.1	52.3
Agricultural sciences	218,000	100.0	1.8	11.1	1.9	0.1	1.5	6.8	0.1	1.3	2.4	0.3	72.7
Biological sciences	807,000	100.0	3.5	13.4	2.5	0.2	1.4	21.3	1.1	4.7	5.6	0.1	46.2
Environmental life sciences	125,000	100.0	3.9	15.0	6.9	0.7	6.3	2.4	1.4	1.5	5.9	0.1	55.9
Computer/mathematical sciences	1,123,000	100.0	51.8	0.1	0.1	0.4	2.6	0.8	2.6	3.8	3.8	1.5	32.5
Computer/information sciences	774,000	100.0	63.1	0.1	S	0.4	2.4	0.7	3.0	0.6	3.6	0.3	25.7
Mathematics/statistics	349,000	100.0	26.6	0.2	0.4	0.5	2.9	0.9	1.6	10.8	4.3	4.3	47.5
Physical/related sciences	419,000	100.0	8.8	2.3	24.3	0.2	8.8	5.0	1.2	3.2	4.0	0.3	41.8
Chemistry, except biochemistry	206,000	100.0	5.5	3.4	28.7	0.1	6.7	8.6	0.9	2.9	4.0	S	39.1
Earth/atmospheric/ocean sciences	105,000	100.0	6.0	0.5	30.3	0.3	10.6	0.8	2.2	4.8	5.3	0.7	38.6
Physics/astronomy	74,000	100.0	22.9	1.3	9.3	0.3	15.0	0.6	1.3	2.8	2.8	0.5	43.2
Other physical sciences	34,000	100.0	7.0	3.4	12.0	S	3.1	6.2	S	1.1	2.9	S	64.4
Social/related sciences	2,988,000	100.0	4.2	0.3	0.2	2.1	0.4	4.3	0.7	1.3	1.0	0.1	85.3
Economics	504,000	100.0	5.6	0.6	0.1	1.8	0.7	1.0	0.8	0.4	1.1	0.2	87.8
Political/related sciences	561,000	100.0	3.6	0.2	0.2	2.6	0.5	2.1	0.9	1.4	0.8	S	87.6
Psychology	921,000	100.0	3.8	0.2	S	2.4	0.3	6.7	0.7	1.2	0.5	0.1	84.1
Sociology/anthropology	676,000	100.0	3.6	0.3	0.1	1.7	0.2	5.8	0.4	1.0	0.6	0.1	86.4
Other social sciences	326,000	100.0	5.7	0.6	0.7	2.0	0.6	3.6	0.7	3.8	3.4	0.4	78.5
Engineering	1,735,000	100.0	12.5	0.3	0.5	0.2	48.7	0.7	3.6	0.4	3.0	0.7	29.5
Aerospace/aeronautical/astronautical engineering	59,000	100.0	8.7	S	0.5	S	42.0	2.6	3.0	S	3.2	1.0	38.9
Chemical engineering	120,000	100.0	4.8	0.8	3.0	0.2	54.0	1.9	4.2	1.4	2.1	0.1	27.5
Civil/architectural engineering	295,000	100.0	2.3	S	0.1	0.4	59.5	S	3.2	0.5	2.3	3.4	28.4
Electrical/computer engineering	544,000	100.0	28.8	0.1	0.1	0.2	42.1	0.3	3.3	0.3	3.6	0.1	21.1
Industrial engineering	108,000	100.0	6.8	0.1	0.1	0.6	34.7	1.5	3.8	1.1	4.5	S	46.7
Mechanical engineering	405,000	100.0	4.7	0.1	0.1	S	55.6	0.4	4.7	0.4	2.1	0.2	31.8
Other engineering	203,000	100.0	7.6	1.3	1.4	S	42.8	1.5	2.4	0.1	3.9	0.5	38.4
S&E-related fields	2,399,000	100.0	3.2	0.3	0.1	0.4	2.3	56.3	1.4	2.0	1.3	4.5	28.2
Health	1,731,000	100.0	1.0	0.4	0.1	0.3	0.1	77.4	1.3	0.1	0.5	S	18.8
Science/mathematics teacher education	159,000	100.0	3.4	0.2	1.2	0.1	0.2	3.4	S	28.7	1.6	0.1	60.9
Technology/technical fields	275,000	100.0	18.1	S	0.1	S	17.6	1.8	2.6	0.3	5.9	0.6	53.0
Other S&E-related fields	234,000	100.0	1.7	S	S	1.6	1.6	0.2	1.2	0.2	1.7	45.1	46.7

TABLE 4. Occupational category of employed U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		S&E occupations					S&E-related occupations					Non-S&E occupations
	Number	Percent	Computer/ mathematical scientists	Biological/ agricultural/ other life scientists	Physical/ related scientists	Social/ related scientists	Engineers	Health occupations	S&E managers	S&E precollege teachers	S&E technicians and technologists	Other S&E-related occupations	
Non-S&E fields	1,071,000	100.0	29.9	1.8	0.7	2.2	4.3	14.4	3.7	8.2	7.0	1.1	26.7
Arts/humanities	219,000	100.0	34.1	0.7	0.5	3.2	2.6	16.6	2.6	9.0	7.9	2.5	20.3
Education, except science/mathematics teacher education	182,000	100.0	9.5	1.3	0.3	1.2	2.7	18.9	1.7	27.8	3.7	2.3	30.6
Management/administration	411,000	100.0	39.6	2.0	0.4	1.0	5.6	9.5	5.1	1.6	8.6	0.4	26.2
Sales/marketing	52,000	100.0	29.5	S	0.2	7.7	9.6	11.1	3.4	2.5	3.0	S	33.1
Social services/related	35,000	100.0	33.1	0.4	S	0.7	1.9	22.6	3.1	0.9	8.3	S	29.0
Other non-S&E fields	172,000	100.0	22.3	4.0	2.0	3.5	4.2	18.0	4.0	5.6	6.5	0.3	29.5
Master's degrees	5,384,000	100.0	11.6	2.1	1.6	3.7	8.8	12.0	2.8	6.4	1.1	1.2	48.7
S&E fields	2,022,000	100.0	20.5	4.2	3.6	6.7	16.9	2.9	2.6	2.8	1.6	0.7	37.6
Sciences	1,447,000	100.0	21.0	5.6	4.6	9.2	2.2	3.9	2.2	3.7	1.7	0.6	45.4
Biological/agricultural/environmental life sciences	210,000	100.0	4.9	33.4	4.0	0.3	2.4	11.9	0.8	6.7	4.4	0.6	30.6
Agricultural sciences	29,000	100.0	0.6	38.0	4.5	S	3.4	8.5	1.3	5.3	5.3	S	33.1
Biological sciences	148,000	100.0	5.6	34.8	2.8	0.1	1.2	15.1	0.6	7.5	4.7	S	27.5
Environmental life sciences	33,000	100.0	5.4	22.8	9.1	1.1	7.0	0.8	0.8	4.4	2.5	3.8	42.4
Computer/mathematical sciences	411,000	100.0	62.5	0.2	0.1	0.5	3.1	0.7	4.1	2.6	2.2	1.4	22.5
Computer/information sciences	309,000	100.0	66.1	0.2	0.1	0.5	2.8	0.9	4.6	0.9	2.2	0.2	21.4
Mathematics/statistics	102,000	100.0	51.5	0.4	0.2	0.5	4.2	0.1	2.3	7.9	2.1	5.1	25.6
Physical/related sciences	132,000	100.0	10.4	3.7	42.1	0.3	6.8	1.9	2.8	9.5	1.7	S	20.8
Chemistry, except biochemistry	43,000	100.0	8.7	7.7	41.4	S	3.1	5.3	S	12.9	3.6	S	17.2
Earth/atmospheric/ocean sciences	50,000	100.0	5.5	1.9	56.0	0.7	3.9	0.5	4.3	6.9	0.4	0.1	19.7
Physics/astronomy	34,000	100.0	20.8	1.7	25.5	S	13.2	S	4.2	8.7	1.2	S	24.8
Other physical sciences	4,000	100.0	2.7	1.0	17.4	0.2	25.1	S	1.0	12.5	1.9	S	38.2
Social/related sciences	694,000	100.0	3.4	0.7	0.2	18.7	0.6	3.7	1.5	2.2	0.5	0.2	68.2
Economics	67,000	100.0	7.9	1.2	S	15.1	2.2	1.1	S	1.5	1.0	0.4	69.4
Political/related sciences	110,000	100.0	3.8	0.2	0.4	13.6	0.6	4.0	3.0	1.9	0.2	0.1	72.1
Psychology	379,000	100.0	1.5	0.4	S	22.0	0.3	4.4	1.5	1.2	0.2	0.1	68.4
Sociology/anthropology	56,000	100.0	4.9	1.6	S	24.0	1.5	2.2	S	0.5	0.7	S	64.6
Other social sciences	81,000	100.0	6.7	1.6	1.3	10.0	0.4	3.1	1.6	9.3	1.9	1.0	63.1
Engineering	575,000	100.0	19.1	0.5	1.1	0.3	54.1	0.3	3.7	0.5	1.5	0.9	18.0
Aerospace/aeronautical/astronautical engineering	18,000	100.0	11.5	S	0.1	S	65.3	S	5.3	0.5	1.5	3.2	12.6
Chemical engineering	27,000	100.0	9.6	0.9	3.4	S	52.0	0.2	3.9	3.1	1.6	S	25.3
Civil/architectural engineering	90,000	100.0	4.3	S	0.5	0.1	68.4	S	2.0	0.2	1.0	4.8	18.6
Electrical/computer engineering	210,000	100.0	35.9	0.1	0.3	0.1	44.3	0.1	4.3	0.1	1.4	0.1	13.3
Industrial engineering	34,000	100.0	16.4	S	0.4	2.9	45.6	0.4	2.7	0.7	3.0	S	28.0
Mechanical engineering	84,000	100.0	13.4	S	0.5	0.1	64.3	S	4.3	S	1.3	S	16.0
Other engineering	112,000	100.0	8.2	2.3	3.1	0.3	54.7	1.2	3.3	1.1	1.7	0.1	24.0

TABLE 4. Occupational category of employed U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		S&E occupations					S&E-related occupations					Non-S&E occupations
	Number	Percent	Computer/ mathematical scientists	Biological/ agricultural/ other life scientists	Physical/ related scientists	Social/ related scientists	Engineers	Health occupations	S&E managers	S&E precollege teachers	S&E technicians and technologists	Other S&E-related occupations	
S&E-related fields	1,012,000	100.0	3.4	1.2	0.5	1.3	1.4	46.7	3.1	9.2	0.5	4.8	27.9
Health	704,000	100.0	1.1	1.6	0.5	0.6	0.1	66.2	3.9	0.3	0.3	S	25.3
Science/mathematics teacher education	168,000	100.0	6.5	0.3	0.7	0.2	0.3	2.4	0.2	53.8	0.7	S	34.9
Technology/technical fields	50,000	100.0	30.8	S	1.2	S	22.4	3.0	5.4	1.6	3.3	S	32.3
Other S&E-related fields	90,000	100.0	0.9	0.1	0.6	9.3	2.2	S	0.9	S	0.2	53.4	32.4
Non-S&E fields	2,350,000	100.0	7.6	0.7	0.3	2.2	5.0	4.9	2.8	8.2	0.9	0.2	67.1
Arts/humanities	92,000	100.0	10.6	S	0.1	2.6	1.2	7.9	0.3	16.3	1.8	1.0	58.1
Education, except science/mathematics teacher education	681,000	100.0	2.3	0.2	0.3	1.2	0.5	5.2	0.4	22.8	0.3	0.1	66.8
Management/administration	962,000	100.0	13.1	0.6	0.3	1.4	10.2	3.7	5.1	1.4	1.5	0.3	62.5
Sales/marketing	92,000	100.0	6.1	0.8	S	8.6	6.1	1.5	0.9	0.3	0.4	S	75.2
Social services/related	276,000	100.0	2.4	0.2	S	4.8	0.6	4.8	2.5	1.1	0.4	S	83.1
Other non-S&E fields	248,000	100.0	6.3	3.2	0.6	2.7	2.8	9.3	2.7	2.8	0.8	0.1	68.7
Doctorate degrees	883,000	100.0	9.4	17.4	10.1	16.0	11.2	6.0	3.0	1.4	0.5	0.1	24.9
S&E fields	699,000	100.0	10.3	20.3	12.4	18.2	13.6	3.9	3.5	0.6	0.5	S	16.6
Sciences	573,000	100.0	10.2	24.3	14.4	22.2	2.8	4.6	3.1	0.6	0.5	0.1	17.2
Biological/agricultural/environmental life sciences	195,000	100.0	2.9	63.9	2.5	0.8	1.0	10.4	3.8	0.6	0.4	S	13.8
Agricultural sciences	19,000	100.0	1.6	63.2	3.2	0.6	1.2	2.3	3.5	0.5	0.8	S	23.1
Biological sciences	169,000	100.0	3.0	64.5	2.0	0.6	0.7	11.7	3.7	0.7	0.3	S	12.7
Environmental life sciences	6,000	100.0	2.0	50.2	13.2	5.3	7.0	0.2	6.0	0.1	0.3	S	15.6
Computer/mathematical sciences	52,000	100.0	76.7	0.8	0.6	0.4	5.2	0.4	1.9	0.8	1.2	0.3	11.7
Computer/information sciences	19,000	100.0	77.4	0.4	0.1	S	7.0	0.6	4.0	0.3	1.2	S	9.0
Mathematics/statistics	33,000	100.0	76.2	1.1	0.9	0.6	4.2	0.4	0.7	1.1	1.2	0.5	13.3
Physical/related sciences	137,000	100.0	6.1	7.8	55.6	0.2	7.6	1.3	4.5	1.1	0.8	S	15.0
Chemistry, except biochemistry	71,000	100.0	2.9	11.3	54.6	0.1	5.1	1.8	4.8	1.4	0.5	S	17.6
Earth/atmospheric/ocean sciences	18,000	100.0	2.9	3.3	74.9	0.3	2.9	0.2	3.5	1.0	0.2	S	10.7
Physics/astronomy	47,000	100.0	12.4	3.2	51.2	0.3	13.3	0.9	4.6	0.7	1.5	0.1	11.9
Other physical sciences	3,000	100.0	1.8	24.4	33.7	S	6.7	0.9	3.3	0.9	S	S	28.3
Social/related sciences	188,000	100.0	2.5	1.9	0.4	66.4	0.5	2.1	1.8	0.2	0.2	S	23.9
Economics	23,000	100.0	3.3	0.4	0.1	70.0	0.3	0.4	0.5	0.1	0.1	0.1	24.5
Political/related sciences	19,000	100.0	1.5	S	0.4	60.7	0.3	1.3	0.4	0.3	0.2	0.2	34.8
Psychology	102,000	100.0	1.8	2.7	S	72.8	0.5	1.9	2.8	0.1	0.1	S	17.1
Sociology/anthropology	27,000	100.0	1.8	1.9	0.5	61.9	0.1	3.9	0.8	0.1	0.2	S	28.8
Other social sciences	17,000	100.0	8.2	1.1	3.2	37.3	1.5	3.6	0.8	0.9	0.6	0.1	42.9
Engineering	127,000	100.0	10.7	2.4	3.2	0.3	62.4	0.8	5.0	0.4	0.9	S	13.9
Aerospace/aeronautical/astronautical engineering	6,000	100.0	7.0	0.5	3.1	0.4	72.8	0.9	3.6	S	S	S	11.7
Chemical engineering	17,000	100.0	3.2	5.5	4.9	S	57.4	1.7	6.7	1.1	0.9	S	18.6
Civil/architectural engineering	11,000	100.0	5.9	0.4	2.8	0.3	76.7	S	6.2	S	0.3	S	7.3

TABLE 4. Occupational category of employed U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		S&E occupations					S&E-related occupations					Non-S&E occupations
	Number	Percent	Computer/ mathematical scientists	Biological/ agricultural/ other life scientists	Physical/ related scientists	Social/ related scientists	Engineers	Health occupations	S&E managers	S&E precollege teachers	S&E technicians and technologists	Other S&E-related occupations	
Electrical/computer engineering	37,000	100.0	19.8	0.3	1.8	0.2	60.0	0.5	3.6	0.2	0.7	S	12.9
Industrial engineering	3,000	100.0	18.0	0.5	1.1	1.0	47.1	1.4	5.6	S	S	S	25.3
Mechanical engineering	17,000	100.0	8.4	1.2	1.4	S	69.7	0.4	5.0	0.4	1.3	S	12.2
Other engineering	35,000	100.0	7.4	4.6	5.1	0.5	59.3	1.1	5.4	0.5	1.3	S	14.9
S&E-related fields	57,000	100.0	9.1	17.7	2.6	4.2	2.9	35.2	2.5	1.9	0.4	0.5	23.1
Health	41,000	100.0	3.1	23.4	1.1	3.4	0.4	48.3	3.5	0.1	0.6	S	16.2
Science/mathematics teacher education	8,000	100.0	34.5	4.4	1.0	4.4	2.4	S	S	13.6	S	S	39.7
Technology/technical fields	3,000	100.0	36.6	S	14.1	S	39.4	S	S	S	S	S	9.9
Other S&E-related fields	4,000	100.0	S	S	11.0	14.2	S	S	S	S	S	5.9	68.9
Non-S&E fields	127,000	100.0	4.6	1.2	0.6	9.3	1.7	4.9	0.8	5.6	S	S	71.4
Arts/humanities	18,000	100.0	8.6	S	S	5.2	1.6	1.0	S	3.2	S	S	80.4
Education, except science/mathematics teacher education	57,000	100.0	2.7	1.1	0.9	7.4	2.0	8.1	0.7	8.2	S	S	68.9
Management/administration	15,000	100.0	5.0	1.9	1.3	10.8	3.6	S	S	S	S	S	77.4
Sales/marketing	2,000	100.0	S	S	S	S	S	S	S	S	S	S	S
Social services/related	19,000	100.0	7.0	0.1	S	11.6	S	0.5	1.2	8.9	S	S	70.7
Other non-S&E fields	17,000	100.0	4.1	3.8	0.5	16.9	1.0	7.5	2.2	0.9	S	S	63.1

S = 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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational classification. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 5. Employed U.S. scientists and engineers, by level and field of highest degree and occupation: 2006

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
All degree fields and occupations	18,927,000	10,886,000	5,384,000	883,000
S&E occupations	5,024,000	2,911,000	1,497,000	566,000
Biological/agricultural/environmental life scientists	487,000	203,000	113,000	154,000
Computer/mathematical scientists	2,112,000	1,394,000	627,000	83,000
Physical scientists	334,000	159,000	84,000	89,000
Social scientists	470,000	108,000	200,000	142,000
Engineers	1,621,000	1,046,000	474,000	99,000
S&E-related occupations	5,246,000	2,810,000	1,266,000	97,000
Health occupations	3,625,000	1,865,000	646,000	53,000
S&E managers	382,000	199,000	152,000	27,000
S&E precollege teachers	644,000	283,000	343,000	12,000
S&E technologists/technicians	371,000	306,000	59,000	4,000
Other S&E-related occupations	224,000	156,000	67,000	1,000
Non-S&E occupations	8,657,000	5,165,000	2,621,000	220,000
Art/humanities/related occupations	262,000	165,000	82,000	8,000
Management-related occupations	1,361,000	816,000	473,000	42,000
Non-S&E managers	1,118,000	528,000	480,000	67,000
Non-S&E postsecondary teachers	141,000	29,000	57,000	47,000
Non-S&E precollege/other teachers	724,000	360,000	350,000	6,000
Sales/marketing occupations	1,435,000	1,080,000	313,000	16,000
Social services/related occupations	714,000	271,000	410,000	14,000
Other non-S&E occupations	2,902,000	1,915,000	456,000	20,000
Biological/agricultural/environmental life sciences degree fields	1,555,000	1,151,000	210,000	195,000
S&E occupations	479,000	246,000	95,000	138,000
Biological/agricultural/environmental life scientists	346,000	151,000	70,000	124,000
Computer/mathematical scientists	53,000	37,000	10,000	6,000
Physical scientists	46,000	33,000	8,000	5,000
Social scientists	5,000	3,000	1,000	2,000
Engineers	30,000	23,000	5,000	2,000
S&E-related occupations	383,000	303,000	51,000	30,000
Health occupations	235,000	190,000	25,000	20,000
S&E managers	20,000	11,000	2,000	7,000
S&E precollege teachers	58,000	43,000	14,000	1,000
S&E technologists/technicians	68,000	58,000	9,000	1,000
Other S&E-related occupations	3,000	S	S	S
Non-S&E occupations	693,000	602,000	64,000	27,000
Art/humanities/related occupations	26,000	20,000	4,000	2,000
Management-related occupations	90,000	73,000	12,000	5,000
Non-S&E managers	75,000	55,000	9,000	11,000
Non-S&E postsecondary teachers	3,000	1,000	1,000	1,000
Non-S&E precollege/other teachers	31,000	27,000	4,000	*
Sales/marketing occupations	146,000	132,000	11,000	2,000
Social services/related occupations	8,000	6,000	S	*
Other non-S&E occupations	314,000	287,000	23,000	5,000
Computer/mathematical science degree fields	1,586,000	1,123,000	411,000	52,000
S&E occupations	935,000	618,000	274,000	43,000
Biological/agricultural/environmental life scientists	2,000	1,000	1,000	*
Computer/mathematical scientists	878,000	581,000	257,000	40,000
Physical scientists	2,000	2,000	1,000	*
Social scientists	7,000	5,000	2,000	*
Engineers	45,000	29,000	13,000	3,000
S&E-related occupations	188,000	140,000	45,000	2,000
Health occupations	12,000	9,000	3,000	*

TABLE 5. Employed U.S. scientists and engineers, by level and field of highest degree and occupation: 2006

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
S&E managers	47,000	29,000	17,000	1,000
S&E precollege teachers	54,000	42,000	11,000	*
S&E technologists/technicians	53,000	43,000	9,000	1,000
Other S&E-related occupations	23,000	17,000	6,000	*
Non-S&E occupations	463,000	365,000	92,000	6,000
Art/humanities/related occupations	12,000	12,000	S	*
Management-related occupations	112,000	82,000	28,000	1,000
Non-S&E managers	68,000	45,000	21,000	2,000
Non-S&E postsecondary teachers	6,000	2,000	2,000	1,000
Non-S&E precollege/other teachers	20,000	17,000	4,000	S
Sales/marketing occupations	88,000	71,000	17,000	1,000
Social services/related occupations	8,000	7,000	S	*
Other non-S&E occupations	147,000	128,000	19,000	*
Physical/related science degree fields	688,000	419,000	132,000	137,000
S&E occupations	376,000	186,000	83,000	106,000
Biological/agricultural/environmental life scientists	25,000	10,000	5,000	11,000
Computer/mathematical scientists	59,000	37,000	14,000	8,000
Physical scientists	234,000	102,000	55,000	77,000
Social scientists	1,000	1,000	*	*
Engineers	56,000	37,000	9,000	10,000
S&E-related occupations	89,000	58,000	21,000	11,000
Health occupations	25,000	21,000	3,000	2,000
S&E managers	15,000	5,000	4,000	6,000
S&E precollege teachers	27,000	13,000	13,000	2,000
S&E technologists/technicians	20,000	17,000	2,000	1,000
Other S&E-related occupations	1,000	S	S	S
Non-S&E occupations	223,000	175,000	27,000	21,000
Art/humanities/related occupations	7,000	4,000	S	1,000
Management-related occupations	51,000	39,000	6,000	5,000
Non-S&E managers	41,000	27,000	6,000	8,000
Non-S&E postsecondary teachers	1,000	1,000	S	*
Non-S&E precollege/other teachers	8,000	6,000	2,000	*
Sales/marketing occupations	42,000	35,000	4,000	3,000
Social services/related occupations	4,000	4,000	S	*
Other non-S&E occupations	71,000	61,000	7,000	3,000
Social/related science degree fields	3,890,000	2,988,000	694,000	188,000
S&E occupations	531,000	218,000	164,000	135,000
Biological/agricultural/environmental life scientists	18,000	9,000	5,000	4,000
Computer/mathematical scientists	155,000	127,000	23,000	5,000
Physical scientists	7,000	5,000	1,000	1,000
Social scientists	334,000	64,000	130,000	125,000
Engineers	18,000	13,000	4,000	1,000
S&E-related occupations	288,000	222,000	57,000	8,000
Health occupations	159,000	129,000	26,000	4,000
S&E managers	34,000	20,000	10,000	3,000
S&E precollege teachers	55,000	40,000	15,000	*
S&E technologists/technicians	34,000	30,000	4,000	*
Other S&E-related occupations	6,000	4,000	2,000	S
Non-S&E occupations	3,071,000	2,548,000	473,000	45,000
Art/humanities/related occupations	103,000	83,000	17,000	3,000
Management-related occupations	484,000	406,000	69,000	9,000
Non-S&E managers	258,000	181,000	62,000	14,000
Non-S&E postsecondary teachers	35,000	17,000	9,000	9,000
Non-S&E precollege/other teachers	235,000	192,000	43,000	1,000

TABLE 5. Employed U.S. scientists and engineers, by level and field of highest degree and occupation: 2006

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
Sales/marketing occupations	585,000	534,000	48,000	2,000
Social services/related occupations	352,000	210,000	137,000	3,000
Other non-S&E occupations	1,017,000	924,000	88,000	4,000
Engineering degree fields	2,437,000	1,735,000	575,000	127,000
S&E occupations	1,609,000	1,077,000	432,000	100,000
Biological/agricultural/environmental life scientists	10,000	4,000	3,000	3,000
Computer/mathematical scientists	340,000	216,000	110,000	14,000
Physical scientists	18,000	8,000	6,000	4,000
Social scientists	5,000	3,000	2,000	*
Engineers	1,235,000	844,000	311,000	79,000
S&E-related occupations	195,000	147,000	39,000	9,000
Health occupations	14,000	12,000	2,000	1,000
S&E managers	89,000	62,000	21,000	6,000
S&E precollege teachers	11,000	8,000	3,000	1,000
S&E technologists/technicians	62,000	52,000	9,000	1,000
Other S&E-related occupations	18,000	13,000	5,000	S
Non-S&E occupations	633,000	512,000	104,000	18,000
Art/humanities/related occupations	8,000	5,000	2,000	*
Management-related occupations	98,000	74,000	19,000	4,000
Non-S&E managers	169,000	121,000	39,000	9,000
Non-S&E postsecondary teachers	4,000	1,000	2,000	1,000
Non-S&E precollege/other teachers	8,000	5,000	3,000	S
Sales/marketing occupations	129,000	107,000	20,000	2,000
Social services/related occupations	6,000	5,000	S	S
Other non-S&E occupations	211,000	193,000	17,000	1,000
S&E-related degree fields	4,587,000	2,399,000	1,012,000	57,000
S&E occupations	271,000	150,000	80,000	21,000
Biological/agricultural/environmental life scientists	47,000	8,000	12,000	10,000
Computer/mathematical scientists	117,000	76,000	35,000	5,000
Physical scientists	10,000	3,000	6,000	1,000
Social scientists	26,000	9,000	13,000	2,000
Engineers	71,000	54,000	15,000	2,000
S&E-related occupations	3,304,000	1,571,000	650,000	23,000
Health occupations	2,895,000	1,350,000	472,000	20,000
S&E managers	68,000	32,000	31,000	1,000
S&E precollege teachers	146,000	49,000	93,000	S
S&E technologists/technicians	38,000	31,000	5,000	S
Other S&E-related occupations	156,000	108,000	48,000	S
Non-S&E occupations	1,013,000	677,000	282,000	13,000
Art/humanities/related occupations	38,000	21,000	15,000	S
Management-related occupations	126,000	80,000	40,000	3,000
Non-S&E managers	127,000	64,000	46,000	4,000
Non-S&E postsecondary teachers	15,000	4,000	7,000	3,000
Non-S&E precollege/other teachers	134,000	72,000	59,000	S
Sales/marketing occupations	188,000	156,000	26,000	1,000
Social services/related occupations	65,000	30,000	32,000	1,000
Other non-S&E occupations	321,000	251,000	56,000	1,000
Non-S&E degree fields	4,184,000	1,071,000	2,350,000	127,000
S&E occupations	823,000	416,000	370,000	22,000
Biological/agricultural/environmental life scientists	38,000	19,000	17,000	2,000
Computer/mathematical scientists	511,000	320,000	178,000	6,000
Physical scientists	16,000	7,000	6,000	S
Social scientists	92,000	23,000	52,000	12,000
Engineers	167,000	46,000	116,000	2,000

TABLE 5. Employed U.S. scientists and engineers, by level and field of highest degree and occupation: 2006

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
S&E-related occupations	799,000	370,000	402,000	14,000
Health occupations	285,000	155,000	116,000	6,000
S&E managers	109,000	40,000	67,000	S
S&E precollege teachers	292,000	88,000	194,000	7,000
S&E technologists/technicians	97,000	75,000	21,000	S
Other S&E-related occupations	17,000	12,000	4,000	S
Non-S&E occupations	2,561,000	286,000	1,578,000	91,000
Art/humanities/related occupations	69,000	21,000	41,000	1,000
Management-related occupations	400,000	61,000	297,000	14,000
Non-S&E managers	380,000	35,000	297,000	20,000
Non-S&E postsecondary teachers	76,000	3,000	36,000	31,000
Non-S&E precollege/other teachers	288,000	41,000	236,000	5,000
Sales/marketing occupations	257,000	45,000	187,000	4,000
Social services/related occupations	270,000	8,000	238,000	10,000
Other non-S&E occupations	820,000	72,000	245,000	6,000

* = estimate< 500; S = 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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational classification. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 6. Employed U.S. scientists and engineers reporting one or more disabilities, by level and field of highest degree and occupational category: 2006

Level and field of highest degree and occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
All levels, fields, and occupations[a]	1,235,000	479,000	590,000	201,000	265,000
S&E occupations	306,000	129,000	151,000	45,000	48,000
S&E-related occupations	305,000	110,000	145,000	50,000	70,000
Non-S&E occupations	625,000	240,000	294,000	107,000	147,000
Biological/agricultural/environmental life sciences degree fields	115,000	53,000	50,000	16,000	20,000
S&E occupations	25,000	11,000	11,000	4,000	3,000
S&E-related occupations	26,000	8,000	14,000	3,000	7,000
Non-S&E occupations	64,000	34,000	25,000	9,000	11,000
Computer/mathematical science degree fields	99,000	31,000	51,000	14,000	24,000
S&E occupations	57,000	19,000	31,000	9,000	9,000
S&E-related occupations	13,000	3,000	9,000	S	S
Non-S&E occupations	30,000	8,000	12,000	5,000	13,000
Physical/related science degree fields	41,000	22,000	17,000	5,000	5,000
S&E occupations	21,000	12,000	8,000	3,000	2,000
S&E-related occupations	5,000	3,000	2,000	*	*
Non-S&E occupations	15,000	7,000	7,000	2,000	3,000
Social/related science degree fields	282,000	105,000	141,000	50,000	71,000
S&E occupations	32,000	11,000	14,000	7,000	8,000
S&E-related occupations	23,000	8,000	8,000	6,000	9,000
Non-S&E occupations	227,000	86,000	118,000	38,000	54,000
Engineering degree fields	148,000	63,000	75,000	20,000	25,000
S&E occupations	91,000	40,000	48,000	11,000	11,000
S&E-related occupations	12,000	5,000	7,000	2,000	3,000
Non-S&E occupations	45,000	18,000	20,000	7,000	10,000
S&E-related fields	260,000	91,000	123,000	44,000	55,000
S&E occupations	19,000	8,000	8,000	3,000	5,000
S&E-related occupations	159,000	60,000	76,000	27,000	33,000
Non-S&E occupations	81,000	24,000	40,000	15,000	17,000
Non-S&E degree fields	290,000	115,000	133,000	51,000	65,000
S&E occupations	60,000	29,000	30,000	8,000	9,000
S&E-related occupations	66,000	23,000	29,000	11,000	17,000
Non-S&E occupations	164,000	62,000	73,000	33,000	39,000
Bachelor's degrees	745,000	283,000	371,000	111,000	155,000
S&E occupations	186,000	80,000	95,000	24,000	24,000
S&E-related occupations	179,000	54,000	94,000	30,000	46,000
Non-S&E occupations	379,000	149,000	183,000	57,000	85,000
Biological/agricultural/environmental life sciences degree fields	84,000	40,000	36,000	11,000	16,000
S&E occupations	11,000	4,000	5,000	1,000	1,000
S&E-related occupations	19,000	6,000	11,000	S	6,000
Non-S&E occupations	54,000	29,000	20,000	8,000	9,000
Computer/mathematical science degree fields	74,000	22,000	36,000	11,000	18,000
S&E occupations	41,000	14,000	21,000	6,000	6,000
S&E-related occupations	10,000	2,000	8,000	S	S
Non-S&E occupations	23,000	6,000	8,000	5,000	11,000
Physical/related science degree fields	23,000	13,000	10,000	3,000	3,000
S&E occupations	10,000	6,000	4,000	1,000	1,000
S&E-related occupations	2,000	2,000	S	S	S
Non-S&E occupations	11,000	6,000	6,000	S	S
Social/related science degree fields	211,000	81,000	104,000	33,000	52,000
S&E occupations	10,000	4,000	4,000	2,000	2,000
S&E-related occupations	19,000	7,000	6,000	5,000	7,000
Non-S&E occupations	183,000	71,000	95,000	26,000	42,000

TABLE 6. Employed U.S. scientists and engineers reporting one or more disabilities, by level and field of highest degree and occupational category: 2006

Level and field of highest degree and occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
Engineering degree fields	109,000	47,000	55,000	15,000	17,000
S&E occupations	64,000	28,000	33,000	7,000	7,000
S&E-related occupations	10,000	4,000	6,000	2,000	3,000
Non-S&E occupations	35,000	15,000	16,000	5,000	7,000
S&E-related fields	153,000	46,000	81,000	26,000	36,000
S&E occupations	12,000	4,000	6,000	2,000	3,000
S&E-related occupations	87,000	24,000	47,000	16,000	23,000
Non-S&E occupations	55,000	17,000	28,000	8,000	11,000
Non-S&E degree fields	89,000	33,000	47,000	13,000	13,000
S&E occupations	39,000	18,000	21,000	4,000	5,000
S&E-related occupations	32,000	9,000	16,000	4,000	6,000
Non-S&E occupations	18,000	5,000	10,000	4,000	3,000
Master's degrees	332,000	128,000	152,000	64,000	78,000
S&E occupations	82,000	34,000	37,000	14,000	16,000
S&E-related occupations	73,000	31,000	33,000	13,000	17,000
Non-S&E occupations	177,000	63,000	82,000	38,000	45,000
Biological/agricultural/environmental life sciences degree fields	20,000	9,000	8,000	3,000	3,000
S&E occupations	7,000	3,000	2,000	2,000	S
S&E-related occupations	5,000	S	3,000	S	S
Non-S&E occupations	7,000	4,000	3,000	S	1,000
Computer/mathematical science degree fields	21,000	7,000	13,000	2,000	4,000
S&E occupations	12,000	4,000	8,000	2,000	2,000
S&E-related occupations	2,000	1,000	1,000	S	S
Non-S&E occupations	7,000	S	4,000	S	2,000
Physical/related science degree fields	10,000	5,000	3,000	1,000	1,000
S&E occupations	5,000	3,000	2,000	*	*
S&E-related occupations	2,000	S	S	S	S
Non-S&E occupations	3,000	S	S	S	S
Social/related science degree fields	55,000	17,000	29,000	14,000	15,000
S&E occupations	11,000	3,000	5,000	3,000	4,000
S&E-related occupations	4,000	S	2,000	S	S
Non-S&E occupations	39,000	14,000	21,000	10,000	10,000
Engineering degree fields	32,000	13,000	16,000	4,000	7,000
S&E occupations	22,000	10,000	11,000	3,000	4,000
S&E-related occupations	1,000	S	1,000	S	S
Non-S&E occupations	9,000	3,000	3,000	S	3,000
S&E-related fields	53,000	20,000	23,000	12,000	12,000
S&E occupations	6,000	3,000	1,000	S	S
S&E-related occupations	26,000	12,000	12,000	5,000	4,000
Non-S&E occupations	21,000	4,000	10,000	7,000	6,000
Non-S&E degree fields	142,000	57,000	60,000	28,000	37,000
S&E occupations	19,000	9,000	7,000	3,000	4,000
S&E-related occupations	33,000	14,000	13,000	7,000	10,000
Non-S&E occupations	91,000	35,000	40,000	18,000	23,000
Doctorate degrees	59,000	25,000	28,000	10,000	12,000
S&E occupations	35,000	14,000	18,000	6,000	6,000
S&E-related occupations	5,000	2,000	2,000	1,000	1,000
Non-S&E occupations	19,000	8,000	8,000	4,000	5,000
Biological/agricultural/environmental life sciences degree fields	11,000	4,000	6,000	2,000	2,000
S&E occupations	7,000	3,000	4,000	1,000	1,000
S&E-related occupations	2,000	1,000	1,000	*	*

TABLE 6. Employed U.S. scientists and engineers reporting one or more disabilities, by level and field of highest degree and occupational category: 2006

Level and field of highest degree and occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
Non-S&E occupations	2,000	1,000	1,000	*	*
Computer/mathematical science degree fields	4,000	2,000	2,000	1,000	1,000
S&E occupations	3,000	1,000	2,000	1,000	1,000
S&E-related occupations	S	S	S	S	S
Non-S&E occupations	*	*	S	S	S
Physical/related science degree fields	8,000	3,000	4,000	1,000	1,000
S&E occupations	6,000	3,000	3,000	1,000	1,000
S&E-related occupations	1,000	*	*	*	S
Non-S&E occupations	1,000	*	1,000	*	*
Social/related science degree fields	14,000	5,000	6,000	3,000	3,000
S&E occupations	10,000	3,000	4,000	2,000	2,000
S&E-related occupations	*	*	*	S	*
Non-S&E occupations	4,000	1,000	2,000	1,000	1,000
Engineering degree fields	7,000	3,000	4,000	1,000	1,000
S&E occupations	6,000	2,000	3,000	1,000	1,000
S&E-related occupations	*	S	*	S	S
Non-S&E occupations	1,000	*	*	*	*
S&E-related fields	2,000	1,000	1,000	*	1,000
S&E occupations	1,000	1,000	*	S	S
S&E-related occupations	1,000	*	*	*	*
Non-S&E occupations	*	S	*	*	*
Non-S&E degree fields	13,000	7,000	6,000	2,000	3,000
S&E occupations	2,000	S	2,000	S	S
S&E-related occupations	S	S	S	S	S
Non-S&E occupations	10,000	5,000	4,000	2,000	3,000

* = estimate < 500; S = 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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational classification. Numbers are rounded to the nearest thousand. The SESTAT surveys ask the degree of difficulty—none, slight, moderate, severe, unable to do—an individual has in seeing (with glasses/contact lenses), hearing (with hearing aid), walking without assistance, or lifting 10 pounds. Those respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability. Detail may not add to total because of rounding and because a person may report more than one disability.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 7. U.S. scientists and engineers, by field and level of highest degree: 2006

Field of highest degree	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
All degree fields	22,630,000	13,228,000	6,411,000	1,018,000
S&E fields	12,436,000	9,173,000	2,438,000	802,000
Sciences	9,537,000	7,098,000	1,758,000	659,000
Biological/agricultural/environmental life sciences	1,933,000	1,448,000	263,000	223,000
Agricultural/food sciences	312,000	254,000	35,000	22,000
Animal sciences	122,000	114,000	4,000	4,000
Food sciences/technology	40,000	29,000	8,000	3,000
Plant sciences	88,000	63,000	14,000	11,000
Other agricultural sciences	62,000	48,000	10,000	4,000
Biological sciences	1,429,000	1,048,000	187,000	193,000
Biochemistry/biophysics	127,000	72,000	15,000	40,000
Biology, general	666,000	618,000	41,000	8,000
Botany	39,000	24,000	8,000	7,000
Cell/molecular biology	68,000	31,000	11,000	26,000
Ecology	62,000	33,000	21,000	8,000
Genetics, animal/plant	23,000	8,000	5,000	9,000
Microbiological sciences/immunology	114,000	77,000	20,000	18,000
Nutritional science	47,000	31,000	14,000	3,000
Pharmacology, human/animal	23,000	6,000	6,000	11,000
Physiology/pathology/human/animal	52,000	29,000	9,000	14,000
Zoology, general	90,000	57,000	16,000	17,000
Other biological sciences	119,000	64,000	21,000	34,000
Environmental life sciences	192,000	145,000	40,000	8,000
Environmental science studies	112,000	83,000	25,000	3,000
Forestry sciences	80,000	62,000	14,000	4,000
Computer/mathematical sciences	1,864,000	1,327,000	481,000	57,000
Computer/information sciences	1,235,000	867,000	348,000	20,000
Computer/information sciences	224,000	142,000	68,000	14,000
Computer science	685,000	488,000	192,000	5,000
Computer systems analysis	42,000	28,000	14,000	S
Information services/systems	206,000	155,000	50,000	S
Other computer/information sciences	78,000	53,000	24,000	S
Mathematics/statistics	630,000	460,000	133,000	37,000
Applied mathematics	113,000	83,000	22,000	7,000
Mathematics, general	392,000	326,000	60,000	5,000
Operations research	30,000	10,000	18,000	2,000
Statistics	53,000	22,000	25,000	7,000
Other mathematics	42,000	18,000	7,000	16,000
Physical/related sciences	859,000	538,000	157,000	164,000
Chemistry, except biochemistry	407,000	268,000	53,000	86,000
Earth/atmospheric/ocean sciences	209,000	131,000	56,000	21,000
Atmospheric sciences/meteorology	24,000	13,000	8,000	3,000
Earth sciences	22,000	16,000	5,000	S
Geology	130,000	90,000	32,000	8,000
Other geological sciences	23,000	7,000	9,000	7,000
Oceanography	11,000	5,000	3,000	3,000
Physics/astronomy	192,000	95,000	42,000	54,000
Astronomy/astrophysics	11,000	2,000	3,000	5,000
Physics	181,000	93,000	39,000	49,000
Other physical sciences	51,000	43,000	6,000	3,000

TABLE 7. U.S. scientists and engineers, by field and level of highest degree: 2006

Field of highest degree	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
Social/related sciences	4,880,000	3,786,000	858,000	214,000
Economics	712,000	604,000	81,000	27,000
Agricultural economics	102,000	87,000	12,000	3,000
Economics	611,000	517,000	69,000	24,000
Political/related sciences	867,000	714,000	130,000	23,000
Public policy studies	48,000	11,000	35,000	3,000
International relations	125,000	85,000	37,000	3,000
Political science/government	694,000	618,000	58,000	18,000
Psychology	1,813,000	1,204,000	474,000	114,000
Educational psychology	132,000	43,000	85,000	4,000
Clinical psychology	155,000	49,000	55,000	40,000
Counseling psychology	311,000	71,000	223,000	13,000
Experimental psychology	43,000	30,000	4,000	9,000
Psychology, general	889,000	836,000	41,000	8,000
Industrial/organizational psychology	65,000	37,000	22,000	4,000
Social psychology	59,000	46,000	5,000	7,000
Other psychology	159,000	92,000	38,000	28,000
Sociology/anthropology	969,000	867,000	71,000	30,000
Anthropology/archeology	150,000	116,000	23,000	12,000
Criminology	87,000	78,000	8,000	1,000
Sociology	731,000	673,000	40,000	17,000
Other social sciences	519,000	398,000	101,000	20,000
Area/ethnic studies	107,000	81,000	24,000	1,000
Linguistics	38,000	23,000	11,000	5,000
Philosophy of science	26,000	24,000	S	S
Geography	127,000	101,000	21,000	5,000
History of science	21,000	17,000	S	1,000
Other social sciences	200,000	152,000	40,000	8,000
Engineering	2,899,000	2,075,000	679,000	144,000
Aerospace/related engineering	98,000	69,000	22,000	7,000
Chemical engineering	203,000	150,000	32,000	21,000
Civil/architectural engineering	446,000	334,000	100,000	12,000
Architectural engineering	40,000	31,000	9,000	S
Civil engineering	406,000	303,000	91,000	12,000
Electrical/computer engineering	932,000	640,000	251,000	41,000
Computer/systems engineering	185,000	111,000	69,000	5,000
Other electrical/related engineering	746,000	530,000	181,000	36,000
Industrial engineering	186,000	140,000	42,000	4,000
Mechanical engineering	609,000	489,000	102,000	19,000
Other engineering	425,000	253,000	131,000	41,000
Agricultural engineering	29,000	23,000	4,000	2,000
Bioengineering/biomedical engineering	34,000	16,000	13,000	5,000
Engineering science, mechanical/physics	40,000	24,000	10,000	6,000
Environmental engineering	46,000	18,000	26,000	2,000
Engineering, general	50,000	39,000	10,000	2,000
Geophysical/geological engineering	8,000	5,000	2,000	S
Materials engineering	47,000	23,000	14,000	11,000
Metallurgical engineering	25,000	16,000	5,000	4,000
Mining/minerals engineering	19,000	15,000	4,000	1,000
Naval architecture/marine engineering	16,000	14,000	2,000	S
Nuclear engineering	14,000	5,000	5,000	3,000

TABLE 7. U.S. scientists and engineers, by field and level of highest degree: 2006

Field of highest degree	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
Petroleum engineering	23,000	19,000	4,000	*
Other engineering	74,000	36,000	32,000	6,000
S&E-related fields	5,389,000	2,890,000	1,193,000	65,000
Health	4,213,000	2,100,000	828,000	45,000
Audiology/speech pathology	197,000	58,000	133,000	4,000
Health services administration	188,000	81,000	106,000	1,000
Health/medical assistants	12,000	6,000	6,000	S
Health/medical technologies	144,000	134,000	8,000	S
Medical preparatory programs	35,000	33,000	2,000	S
Medicine	1,247,000	47,000	18,000	10,000
Nursing	1,307,000	1,076,000	224,000	7,000
Pharmacy	272,000	200,000	12,000	4,000
Physical therapy/other rehabilitation/therapeutic services	379,000	239,000	130,000	2,000
Public health	143,000	43,000	90,000	9,000
Other health/medical sciences	289,000	182,000	98,000	7,000
Science/mathematics teacher education	437,000	218,000	208,000	11,000
Computer teacher education	42,000	4,000	36,000	S
Mathematics teacher education	143,000	70,000	68,000	5,000
Science teacher education	130,000	61,000	65,000	4,000
Social science teacher education	122,000	82,000	39,000	1,000
Technology/technical fields	375,000	313,000	58,000	5,000
Computer programming	66,000	55,000	10,000	S
Data processing	7,000	7,000	S	S
Electrical/electronic technologies	60,000	54,000	6,000	1,000
Industrial production technologies	116,000	101,000	14,000	S
Mechanical engineering-related technologies	43,000	36,000	6,000	S
Other engineering-related technologies	83,000	60,000	21,000	2,000
Other S&E-related fields	364,000	260,000	99,000	4,000
Architecture/Environmental Design	353,000	250,000	98,000	4,000
Actuarial science	11,000	10,000	S	S
Non-S&E fields	4,805,000	1,165,000	2,781,000	150,000
Arts/humanities	376,000	240,000	116,000	20,000
Education, except science/mathematics teacher education	1,111,000	204,000	835,000	69,000
Management/administration	1,570,000	444,000	1,109,000	16,000
Sales/marketing	168,000	55,000	111,000	2,000
Social services/related	392,000	41,000	316,000	21,000
Other non-S&E fields	1,188,000	180,000	295,000	22,000

* = estimate < 500; S = 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. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
All degree levels and fields[a]	22,630,000	18,927,000	16,051,000	2,876,000	485,000	3,218,000	1,823,000	1,395,000
Male	12,400,000	10,683,000	9,797,000	887,000	261,000	1,456,000	1,175,000	281,000
Female	10,230,000	8,244,000	6,254,000	1,990,000	224,000	1,762,000	648,000	1,114,000
S&E fields	12,436,000	10,156,000	8,789,000	1,367,000	329,000	1,951,000	1,041,000	909,000
Male	7,521,000	6,357,000	5,856,000	502,000	190,000	973,000	751,000	222,000
Female	4,915,000	3,799,000	2,933,000	866,000	139,000	978,000	290,000	687,000
Sciences	9,537,000	7,719,000	6,520,000	1,199,000	272,000	1,547,000	729,000	817,000
Male	4,996,000	4,226,000	3,846,000	379,000	144,000	626,000	446,000	180,000
Female	4,541,000	3,493,000	2,673,000	820,000	128,000	921,000	284,000	637,000
Biological/agricultural/environmental life sciences	1,933,000	1,555,000	1,332,000	223,000	50,000	327,000	132,000	195,000
Male	1,014,000	838,000	764,000	74,000	26,000	150,000	92,000	58,000
Female	919,000	717,000	568,000	149,000	25,000	177,000	40,000	137,000
Agricultural/food sciences	312,000	267,000	239,000	28,000	8,000	37,000	28,000	9,000
Male	197,000	166,000	156,000	10,000	4,000	28,000	27,000	1,000
Female	114,000	101,000	84,000	17,000	4,000	9,000	2,000	8,000
Biological sciences	1,429,000	1,125,000	947,000	177,000	38,000	267,000	87,000	180,000
Male	686,000	563,000	506,000	57,000	18,000	105,000	50,000	54,000
Female	743,000	561,000	441,000	120,000	20,000	162,000	36,000	126,000
Environmental life sciences	192,000	164,000	146,000	18,000	5,000	23,000	17,000	6,000
Male	130,000	109,000	102,000	7,000	4,000	17,000	15,000	2,000
Female	62,000	55,000	44,000	11,000	1,000	6,000	2,000	4,000
Computer/mathematical sciences	1,864,000	1,586,000	1,425,000	161,000	60,000	219,000	110,000	109,000
Male	1,230,000	1,086,000	1,024,000	62,000	40,000	103,000	77,000	26,000
Female	635,000	499,000	401,000	98,000	20,000	116,000	33,000	83,000
Computer/information sciences	1,235,000	1,103,000	1,018,000	84,000	46,000	86,000	28,000	59,000
Male	855,000	790,000	759,000	31,000	32,000	34,000	20,000	14,000
Female	380,000	313,000	259,000	53,000	14,000	53,000	8,000	44,000
Mathematical sciences	630,000	483,000	407,000	76,000	15,000	132,000	82,000	51,000
Male	374,000	296,000	265,000	32,000	9,000	69,000	57,000	12,000
Female	255,000	187,000	142,000	45,000	6,000	63,000	25,000	38,000
Physical/related sciences	859,000	688,000	613,000	75,000	23,000	148,000	102,000	45,000
Male	619,000	505,000	466,000	40,000	16,000	98,000	82,000	16,000
Female	241,000	183,000	147,000	35,000	8,000	50,000	21,000	30,000
Chemistry, except biochemistry	407,000	319,000	285,000	34,000	12,000	76,000	49,000	27,000
Male	264,000	213,000	198,000	15,000	6,000	45,000	38,000	7,000
Female	143,000	106,000	88,000	18,000	6,000	31,000	11,000	20,000

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Earth/atmospheric/ocean sciences	209,000	173,000	157,000	16,000	6,000	29,000	20,000	9,000
Male	164,000	136,000	127,000	9,000	6,000	22,000	17,000	5,000
Female	45,000	37,000	30,000	7,000	1,000	7,000	3,000	5,000
Physics/astronomy	192,000	154,000	133,000	21,000	4,000	33,000	26,000	7,000
Male	162,000	131,000	117,000	14,000	4,000	28,000	24,000	4,000
Female	29,000	24,000	16,000	7,000	1,000	5,000	2,000	3,000
Other physical sciences	51,000	41,000	38,000	4,000	1,000	9,000	7,000	2,000
Male	29,000	25,000	24,000	1,000	S	3,000	2,000	S
Female	23,000	16,000	13,000	3,000	S	6,000	5,000	2,000
Social/related sciences	4,880,000	3,890,000	3,149,000	741,000	138,000	853,000	385,000	468,000
Male	2,134,000	1,796,000	1,593,000	203,000	62,000	275,000	195,000	80,000
Female	2,746,000	2,093,000	1,556,000	537,000	76,000	577,000	190,000	388,000
Economics	712,000	594,000	518,000	76,000	12,000	107,000	56,000	51,000
Male	501,000	430,000	392,000	38,000	9,000	62,000	45,000	17,000
Female	211,000	164,000	126,000	37,000	3,000	45,000	11,000	34,000
Political/related sciences	867,000	691,000	588,000	103,000	34,000	142,000	60,000	82,000
Male	512,000	418,000	380,000	38,000	20,000	74,000	45,000	29,000
Female	355,000	273,000	208,000	65,000	14,000	68,000	15,000	53,000
Psychology	1,813,000	1,422,000	1,080,000	342,000	51,000	340,000	145,000	195,000
Male	533,000	448,000	378,000	70,000	15,000	69,000	55,000	15,000
Female	1,281,000	974,000	702,000	273,000	35,000	271,000	90,000	181,000
Sociology/anthropology	969,000	759,000	619,000	140,000	31,000	179,000	79,000	100,000
Male	348,000	296,000	264,000	32,000	12,000	40,000	26,000	15,000
Female	621,000	463,000	356,000	108,000	19,000	139,000	54,000	85,000
Other social sciences	519,000	424,000	344,000	80,000	11,000	84,000	45,000	40,000
Male	241,000	205,000	179,000	26,000	6,000	30,000	25,000	5,000
Female	278,000	219,000	164,000	55,000	4,000	55,000	20,000	35,000
Engineering	2,899,000	2,437,000	2,269,000	168,000	57,000	404,000	312,000	92,000
Male	2,525,000	2,132,000	2,009,000	122,000	46,000	347,000	305,000	42,000
Female	374,000	306,000	259,000	46,000	11,000	57,000	7,000	50,000
Aerospace/related engineering	98,000	83,000	75,000	9,000	1,000	13,000	11,000	2,000
Male	90,000	76,000	70,000	7,000	1,000	13,000	11,000	2,000
Female	8,000	7,000	5,000	2,000	S	1,000	S	1,000
Chemical engineering	203,000	165,000	154,000	10,000	5,000	34,000	24,000	10,000
Male	157,000	126,000	120,000	6,000	4,000	28,000	23,000	4,000
Female	46,000	39,000	35,000	4,000	1,000	6,000	1,000	6,000

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Civil/architectural engineering	446,000	396,000	370,000	26,000	5,000	45,000	40,000	5,000
Male	389,000	345,000	328,000	17,000	3,000	40,000	38,000	2,000
Female	58,000	51,000	42,000	9,000	2,000	5,000	2,000	3,000
Electrical/computer engineering	932,000	791,000	745,000	46,000	23,000	119,000	90,000	29,000
Male	825,000	703,000	669,000	35,000	18,000	103,000	89,000	14,000
Female	107,000	87,000	76,000	11,000	4,000	16,000	2,000	14,000
Industrial engineering	186,000	146,000	133,000	13,000	5,000	35,000	25,000	10,000
Male	150,000	117,000	108,000	9,000	4,000	29,000	25,000	4,000
Female	36,000	29,000	24,000	4,000	1,000	6,000	S	6,000
Mechanical engineering	609,000	506,000	472,000	34,000	11,000	92,000	76,000	16,000
Male	559,000	466,000	438,000	28,000	10,000	84,000	75,000	9,000
Female	50,000	40,000	34,000	6,000	1,000	8,000	1,000	7,000
Other engineering	425,000	351,000	320,000	31,000	8,000	66,000	45,000	21,000
Male	356,000	299,000	277,000	22,000	6,000	51,000	44,000	7,000
Female	69,000	52,000	43,000	9,000	2,000	15,000	1,000	14,000
S&E-related fields	5,389,000	4,587,000	3,617,000	970,000	64,000	737,000	424,000	314,000
Male	2,179,000	1,931,000	1,729,000	202,000	25,000	223,000	192,000	30,000
Female	3,210,000	2,656,000	1,888,000	769,000	39,000	515,000	231,000	283,000
Health	4,213,000	3,596,000	2,764,000	832,000	46,000	571,000	303,000	268,000
Male	1,400,000	1,256,000	1,117,000	139,000	11,000	133,000	111,000	21,000
Female	2,813,000	2,340,000	1,647,000	693,000	35,000	439,000	192,000	247,000
Science/mathematics teacher education	437,000	334,000	261,000	74,000	7,000	96,000	74,000	22,000
Male	193,000	147,000	119,000	28,000	S	42,000	40,000	3,000
Female	244,000	187,000	142,000	46,000	3,000	54,000	34,000	20,000
Technology/technical fields	375,000	328,000	305,000	23,000	7,000	39,000	29,000	10,000
Male	322,000	283,000	269,000	14,000	7,000	32,000	26,000	5,000
Female	53,000	44,000	36,000	9,000	S	8,000	3,000	5,000
Other S&E-related fields	364,000	329,000	288,000	41,000	4,000	31,000	17,000	14,000
Male	264,000	245,000	224,000	20,000	3,000	16,000	15,000	S
Female	100,000	84,000	64,000	21,000	S	15,000	2,000	12,000
Non-S&E fields	4,805,000	4,184,000	3,645,000	539,000	91,000	530,000	358,000	172,000
Male	2,700,000	2,395,000	2,212,000	183,000	45,000	261,000	232,000	29,000
Female	2,105,000	1,789,000	1,434,000	355,000	46,000	270,000	127,000	143,000
Arts/humanities	376,000	329,000	270,000	59,000	10,000	37,000	21,000	16,000
Male	197,000	178,000	159,000	19,000	4,000	15,000	9,000	5,000
Female	179,000	151,000	111,000	40,000	6,000	22,000	12,000	10,000

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Education, except science/mathematics teacher education	1,111,000	924,000	771,000	153,000	15,000	172,000	124,000	49,000
Male	433,000	356,000	314,000	42,000	3,000	74,000	72,000	2,000
Female	678,000	568,000	457,000	111,000	12,000	98,000	52,000	47,000
Management/administration	1,570,000	1,387,000	1,275,000	112,000	41,000	142,000	100,000	42,000
Male	1,111,000	1,000,000	951,000	49,000	25,000	86,000	80,000	6,000
Female	459,000	387,000	324,000	63,000	16,000	56,000	20,000	36,000
Sales/marketing	168,000	146,000	136,000	10,000	4,000	18,000	7,000	11,000
Male	103,000	95,000	91,000	4,000	S	5,000	5,000	S
Female	65,000	51,000	45,000	6,000	S	13,000	S	10,000
Social services/related	392,000	342,000	270,000	72,000	7,000	43,000	30,000	13,000
Male	176,000	150,000	133,000	17,000	3,000	23,000	19,000	4,000
Female	217,000	192,000	137,000	55,000	4,000	21,000	11,000	9,000
Other non-S&E fields	1,188,000	1,056,000	923,000	133,000	13,000	118,000	76,000	42,000
Male	681,000	616,000	564,000	52,000	6,000	58,000	47,000	11,000
Female	507,000	440,000	359,000	81,000	7,000	60,000	29,000	31,000
Bachelor's degrees	13,228,000	10,886,000	9,193,000	1,692,000	322,000	2,020,000	992,000	1,029,000
Male	7,005,000	6,007,000	5,556,000	451,000	171,000	826,000	615,000	211,000
Female	6,223,000	4,878,000	3,637,000	1,241,000	151,000	1,194,000	377,000	817,000
S&E fields	9,173,000	7,415,000	6,412,000	1,004,000	264,000	1,493,000	717,000	777,000
Male	5,437,000	4,587,000	4,235,000	352,000	147,000	702,000	515,000	187,000
Female	3,736,000	2,828,000	2,176,000	652,000	117,000	791,000	201,000	590,000
Sciences	7,098,000	5,680,000	4,795,000	885,000	224,000	1,194,000	482,000	712,000
Male	3,618,000	3,061,000	2,795,000	266,000	115,000	443,000	286,000	157,000
Female	3,479,000	2,619,000	2,000,000	619,000	109,000	751,000	196,000	555,000
Biological/agricultural/environmental life sciences	1,448,000	1,151,000	972,000	178,000	41,000	256,000	80,000	176,000
Male	728,000	600,000	543,000	57,000	21,000	107,000	55,000	52,000
Female	720,000	551,000	430,000	121,000	20,000	149,000	25,000	124,000
Agricultural/food sciences	254,000	218,000	195,000	24,000	7,000	29,000	20,000	8,000
Male	158,000	135,000	126,000	9,000	3,000	20,000	19,000	1,000
Female	96,000	84,000	69,000	15,000	4,000	8,000	S	7,000
Biological sciences	1,048,000	807,000	665,000	143,000	29,000	212,000	49,000	163,000
Male	470,000	382,000	337,000	45,000	14,000	75,000	25,000	50,000
Female	578,000	426,000	328,000	98,000	15,000	137,000	24,000	113,000
Environmental life sciences	145,000	125,000	112,000	12,000	5,000	16,000	11,000	5,000
Male	100,000	84,000	80,000	4,000	4,000	12,000	11,000	1,000
Female	45,000	41,000	33,000	8,000	1,000	4,000	S	4,000

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Computer/mathematical sciences	1,327,000	1,123,000	1,007,000	115,000	45,000	159,000	71,000	88,000
Male	863,000	764,000	722,000	42,000	30,000	69,000	47,000	22,000
Female	464,000	359,000	285,000	74,000	15,000	90,000	24,000	66,000
Computer/information sciences	867,000	774,000	713,000	61,000	35,000	58,000	13,000	45,000
Male	601,000	556,000	535,000	21,000	24,000	20,000	9,000	12,000
Female	266,000	218,000	178,000	40,000	11,000	37,000	4,000	33,000
Mathematical sciences	460,000	349,000	294,000	55,000	10,000	101,000	58,000	44,000
Male	262,000	208,000	187,000	21,000	6,000	48,000	38,000	10,000
Female	198,000	141,000	106,000	34,000	4,000	53,000	20,000	33,000
Physical/related sciences	538,000	419,000	375,000	44,000	17,000	102,000	66,000	35,000
Male	367,000	296,000	274,000	21,000	10,000	61,000	49,000	13,000
Female	170,000	124,000	101,000	23,000	6,000	40,000	17,000	23,000
Chemistry, except biochemistry	268,000	206,000	185,000	20,000	8,000	54,000	32,000	22,000
Male	162,000	130,000	122,000	8,000	2,000	29,000	24,000	6,000
Female	106,000	76,000	63,000	12,000	6,000	25,000	8,000	17,000
Earth/atmospheric/ocean sciences	131,000	105,000	96,000	9,000	5,000	21,000	14,000	7,000
Male	103,000	84,000	77,000	6,000	5,000	14,000	11,000	4,000
Female	28,000	21,000	19,000	3,000	*	7,000	S	4,000
Physics/astronomy	95,000	74,000	61,000	12,000	3,000	19,000	15,000	4,000
Male	79,000	60,000	54,000	6,000	3,000	16,000	13,000	3,000
Female	17,000	14,000	8,000	6,000	S	3,000	S	1,000
Other physical sciences	43,000	34,000	32,000	2,000	S	8,000	6,000	2,000
Male	24,000	21,000	21,000	S	S	S	S	S
Female	19,000	13,000	12,000	1,000	S	6,000	5,000	1,000
Social/related sciences	3,786,000	2,988,000	2,441,000	547,000	121,000	677,000	265,000	412,000
Male	1,661,000	1,402,000	1,256,000	146,000	53,000	206,000	136,000	70,000
Female	2,126,000	1,586,000	1,185,000	402,000	68,000	471,000	129,000	342,000
Economics	604,000	504,000	442,000	61,000	11,000	89,000	42,000	48,000
Male	423,000	367,000	339,000	28,000	8,000	48,000	32,000	15,000
Female	181,000	137,000	104,000	33,000	3,000	42,000	9,000	32,000
Political/related sciences	714,000	561,000	479,000	83,000	30,000	123,000	47,000	76,000
Male	418,000	339,000	309,000	30,000	17,000	62,000	35,000	27,000
Female	295,000	222,000	169,000	52,000	13,000	61,000	12,000	48,000
Psychology	1,204,000	921,000	703,000	219,000	43,000	239,000	77,000	162,000
Male	336,000	282,000	241,000	41,000	13,000	41,000	32,000	9,000
Female	868,000	639,000	462,000	178,000	30,000	199,000	46,000	153,000

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Sociology/anthropology	867,000	676,000	555,000	121,000	29,000	162,000	68,000	94,000
Male	301,000	256,000	231,000	25,000	11,000	34,000	20,000	14,000
Female	566,000	420,000	324,000	96,000	18,000	129,000	48,000	80,000
Other social sciences	398,000	326,000	262,000	64,000	9,000	63,000	31,000	32,000
Male	183,000	157,000	136,000	21,000	5,000	21,000	17,000	4,000
Female	214,000	169,000	126,000	43,000	4,000	42,000	14,000	28,000
Engineering	2,075,000	1,735,000	1,617,000	119,000	40,000	300,000	234,000	65,000
Male	1,819,000	1,526,000	1,440,000	86,000	33,000	260,000	230,000	30,000
Female	257,000	209,000	176,000	32,000	8,000	40,000	5,000	35,000
Aerospace/related engineering	69,000	59,000	53,000	6,000	1,000	9,000	7,000	2,000
Male	63,000	54,000	49,000	4,000	1,000	9,000	7,000	1,000
Female	6,000	6,000	4,000	2,000	S	1,000	S	1,000
Chemical engineering	150,000	120,000	112,000	8,000	3,000	26,000	18,000	8,000
Male	112,000	89,000	84,000	4,000	3,000	21,000	18,000	3,000
Female	38,000	32,000	28,000	4,000	1,000	5,000	S	5,000
Civil/architectural engineering	334,000	295,000	278,000	17,000	3,000	36,000	31,000	5,000
Male	293,000	260,000	247,000	12,000	1,000	31,000	30,000	2,000
Female	41,000	35,000	31,000	5,000	2,000	4,000	1,000	3,000
Electrical/computer engineering	640,000	544,000	512,000	32,000	17,000	79,000	61,000	18,000
Male	574,000	490,000	465,000	25,000	15,000	69,000	60,000	9,000
Female	66,000	54,000	47,000	7,000	2,000	10,000	S	9,000
Industrial engineering	140,000	108,000	99,000	9,000	5,000	27,000	19,000	8,000
Male	113,000	87,000	81,000	6,000	3,000	23,000	19,000	3,000
Female	27,000	21,000	18,000	3,000	1,000	4,000	S	4,000
Mechanical engineering	489,000	405,000	377,000	29,000	6,000	77,000	65,000	12,000
Male	450,000	373,000	350,000	23,000	6,000	71,000	64,000	7,000
Female	39,000	33,000	27,000	6,000	S	6,000	S	5,000
Other engineering	253,000	203,000	186,000	17,000	5,000	45,000	32,000	13,000
Male	213,000	175,000	163,000	12,000	4,000	35,000	31,000	4,000
Female	39,000	29,000	23,000	6,000	1,000	10,000	S	9,000
S&E-related fields	2,890,000	2,399,000	1,841,000	557,000	37,000	455,000	234,000	221,000
Male	926,000	815,000	754,000	61,000	15,000	96,000	79,000	17,000
Female	1,964,000	1,583,000	1,087,000	497,000	22,000	359,000	155,000	204,000
Health	2,100,000	1,731,000	1,257,000	474,000	23,000	346,000	160,000	186,000
Male	364,000	323,000	298,000	25,000	3,000	38,000	28,000	10,000
Female	1,735,000	1,407,000	958,000	449,000	20,000	308,000	132,000	176,000

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Science/mathematics teacher education	218,000	159,000	124,000	35,000	5,000	54,000	37,000	17,000
Male	99,000	74,000	63,000	11,000	S	21,000	19,000	S
Female	119,000	85,000	60,000	25,000	S	33,000	18,000	15,000
Technology/technical fields	313,000	275,000	255,000	20,000	7,000	31,000	24,000	7,000
Male	272,000	241,000	228,000	13,000	6,000	25,000	21,000	4,000
Female	41,000	34,000	27,000	7,000	S	6,000	3,000	3,000
Other S&E-related fields	260,000	234,000	206,000	28,000	S	24,000	12,000	11,000
Male	191,000	177,000	165,000	12,000	S	12,000	10,000	S
Female	69,000	57,000	42,000	15,000	S	12,000	S	10,000
Non-S&E fields	1,165,000	1,071,000	940,000	131,000	21,000	72,000	41,000	30,000
Male	641,000	604,000	567,000	38,000	9,000	28,000	21,000	7,000
Female	523,000	467,000	374,000	93,000	12,000	44,000	21,000	24,000
Arts/humanities	240,000	219,000	185,000	34,000	4,000	17,000	8,000	9,000
Male	134,000	126,000	115,000	11,000	S	5,000	3,000	S
Female	106,000	93,000	70,000	23,000	2,000	11,000	6,000	6,000
Education, except science/mathematics teacher education	204,000	182,000	147,000	35,000	3,000	19,000	14,000	6,000
Male	67,000	61,000	54,000	7,000	S	6,000	5,000	S
Female	137,000	121,000	93,000	28,000	S	14,000	9,000	5,000
Management/administration	444,000	411,000	379,000	32,000	11,000	22,000	15,000	8,000
Male	300,000	284,000	275,000	9,000	4,000	12,000	11,000	S
Female	144,000	127,000	104,000	22,000	7,000	11,000	4,000	7,000
Sales/marketing	55,000	52,000	51,000	1,000	S	S	S	S
Male	29,000	28,000	28,000	S	S	S	S	S
Female	26,000	24,000	23,000	S	S	S	S	S
Social services/related	41,000	35,000	28,000	7,000	2,000	3,000	S	S
Male	25,000	22,000	18,000	4,000	2,000	S	S	S
Female	15,000	13,000	11,000	3,000	S	S	S	S
Other non-S&E fields	180,000	172,000	150,000	23,000	S	7,000	3,000	4,000
Male	86,000	83,000	76,000	6,000	S	2,000	S	S
Female	94,000	89,000	73,000	16,000	S	5,000	S	S
Master's degrees	6,411,000	5,384,000	4,574,000	810,000	129,000	898,000	594,000	305,000
Male	3,373,000	2,878,000	2,631,000	248,000	70,000	424,000	372,000	52,000
Female	3,039,000	2,506,000	1,943,000	563,000	59,000	474,000	221,000	253,000
S&E fields	2,438,000	2,022,000	1,737,000	285,000	51,000	364,000	246,000	118,000
Male	1,489,000	1,255,000	1,147,000	108,000	33,000	201,000	171,000	30,000
Female	949,000	767,000	590,000	177,000	19,000	163,000	75,000	88,000

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Sciences	1,758,000	1,447,000	1,203,000	244,000	36,000	275,000	181,000	94,000
Male	913,000	765,000	685,000	80,000	21,000	127,000	108,000	20,000
Female	845,000	682,000	518,000	165,000	15,000	147,000	74,000	74,000
Biological/agricultural/environmental life sciences	263,000	210,000	180,000	30,000	5,000	48,000	33,000	15,000
Male	134,000	106,000	97,000	9,000	1,000	26,000	22,000	4,000
Female	129,000	104,000	83,000	21,000	4,000	22,000	11,000	11,000
Agricultural/food sciences	35,000	29,000	26,000	3,000	S	6,000	5,000	*
Male	21,000	16,000	15,000	1,000	S	5,000	5,000	S
Female	14,000	13,000	11,000	2,000	S	1,000	S	*
Biological sciences	187,000	148,000	126,000	22,000	4,000	35,000	22,000	13,000
Male	88,000	70,000	64,000	6,000	1,000	17,000	14,000	3,000
Female	100,000	78,000	62,000	16,000	3,000	19,000	8,000	10,000
Environmental life sciences	40,000	33,000	28,000	5,000	S	7,000	5,000	1,000
Male	25,000	20,000	18,000	2,000	S	5,000	4,000	S
Female	15,000	13,000	10,000	3,000	S	2,000	S	*
Computer/mathematical sciences	481,000	411,000	370,000	41,000	15,000	55,000	34,000	20,000
Male	319,000	279,000	261,000	18,000	10,000	30,000	26,000	4,000
Female	161,000	132,000	109,000	24,000	5,000	25,000	8,000	16,000
Computer/information sciences	348,000	309,000	287,000	23,000	11,000	28,000	14,000	14,000
Male	238,000	217,000	209,000	9,000	7,000	13,000	11,000	3,000
Female	110,000	92,000	78,000	14,000	4,000	15,000	4,000	11,000
Mathematical sciences	133,000	102,000	83,000	19,000	4,000	26,000	20,000	7,000
Male	81,000	61,000	53,000	9,000	3,000	17,000	15,000	2,000
Female	51,000	40,000	30,000	10,000	1,000	10,000	5,000	5,000
Physical/related sciences	157,000	132,000	110,000	21,000	3,000	23,000	16,000	7,000
Male	114,000	95,000	84,000	11,000	3,000	17,000	14,000	2,000
Female	43,000	37,000	26,000	11,000	*	6,000	1,000	5,000
Chemistry, except biochemistry	53,000	43,000	34,000	9,000	2,000	9,000	6,000	3,000
Male	33,000	26,000	22,000	4,000	2,000	5,000	4,000	1,000
Female	21,000	17,000	12,000	5,000	S	4,000	1,000	2,000
Earth/atmospheric/ocean sciences	56,000	50,000	45,000	6,000	1,000	5,000	4,000	1,000
Male	43,000	38,000	36,000	2,000	S	5,000	4,000	1,000
Female	13,000	12,000	9,000	4,000	S	1,000	S	1,000
Physics/astronomy	42,000	34,000	28,000	6,000	*	8,000	5,000	2,000
Male	35,000	29,000	24,000	5,000	S	6,000	5,000	1,000
Female	7,000	5,000	4,000	1,000	S	2,000	S	2,000

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other physical sciences	6,000	4,000	3,000	1,000	S	1,000	S	S
Male	3,000	2,000	2,000	S	S	S	S	S
Female	3,000	2,000	1,000	1,000	S	S	S	S
Social/related sciences	858,000	694,000	543,000	151,000	14,000	150,000	99,000	51,000
Male	347,000	285,000	243,000	42,000	7,000	55,000	46,000	9,000
Female	511,000	409,000	300,000	109,000	7,000	95,000	53,000	42,000
Economics	81,000	67,000	55,000	12,000	1,000	13,000	10,000	3,000
Male	56,000	45,000	37,000	8,000	1,000	10,000	10,000	1,000
Female	25,000	22,000	18,000	4,000	S	3,000	S	2,000
Political/related sciences	130,000	110,000	92,000	18,000	4,000	16,000	10,000	6,000
Male	77,000	65,000	58,000	6,000	3,000	10,000	8,000	2,000
Female	53,000	46,000	34,000	12,000	1,000	7,000	2,000	4,000
Psychology	474,000	379,000	287,000	92,000	6,000	88,000	58,000	30,000
Male	136,000	112,000	93,000	19,000	1,000	23,000	18,000	5,000
Female	338,000	268,000	194,000	73,000	5,000	65,000	40,000	25,000
Sociology/anthropology	71,000	56,000	42,000	15,000	2,000	14,000	9,000	5,000
Male	31,000	26,000	21,000	5,000	S	5,000	4,000	1,000
Female	40,000	31,000	21,000	10,000	1,000	9,000	5,000	4,000
Other social sciences	101,000	81,000	67,000	14,000	1,000	19,000	12,000	7,000
Male	46,000	38,000	34,000	4,000	S	7,000	6,000	1,000
Female	55,000	43,000	32,000	11,000	*	12,000	5,000	7,000
Engineering	679,000	575,000	534,000	41,000	15,000	89,000	64,000	25,000
Male	576,000	490,000	462,000	28,000	12,000	74,000	63,000	10,000
Female	104,000	85,000	72,000	13,000	3,000	15,000	1,000	14,000
Aerospace/related engineering	22,000	18,000	17,000	1,000	S	4,000	3,000	*
Male	20,000	17,000	15,000	1,000	S	3,000	3,000	*
Female	2,000	1,000	1,000	*	S	*	S	*
Chemical engineering	32,000	27,000	26,000	1,000	1,000	5,000	3,000	2,000
Male	26,000	21,000	21,000	1,000	1,000	4,000	3,000	1,000
Female	6,000	6,000	5,000	*	S	1,000	S	1,000
Civil/architectural engineering	100,000	90,000	82,000	8,000	1,000	8,000	8,000	1,000
Male	85,000	76,000	72,000	4,000	S	8,000	7,000	S
Female	15,000	14,000	11,000	4,000	S	1,000	S	S
Electrical/computer engineering	251,000	210,000	199,000	11,000	5,000	36,000	26,000	10,000
Male	213,000	180,000	172,000	8,000	3,000	30,000	25,000	4,000
Female	38,000	30,000	26,000	4,000	2,000	6,000	S	6,000

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Industrial engineering	42,000	34,000	31,000	3,000	1,000	7,000	5,000	2,000
Male	34,000	27,000	25,000	3,000	1,000	6,000	5,000	S
Female	8,000	7,000	6,000	1,000	S	1,000	S	1,000
Mechanical engineering	102,000	84,000	79,000	5,000	5,000	13,000	10,000	4,000
Male	92,000	77,000	73,000	4,000	4,000	11,000	9,000	2,000
Female	10,000	7,000	6,000	1,000	S	2,000	S	2,000
Other engineering	131,000	112,000	101,000	11,000	3,000	16,000	9,000	7,000
Male	106,000	93,000	85,000	8,000	2,000	11,000	9,000	2,000
Female	25,000	20,000	16,000	4,000	*	5,000	S	5,000
S&E-related fields	1,193,000	1,012,000	802,000	210,000	19,000	162,000	94,000	67,000
Male	359,000	314,000	276,000	38,000	7,000	38,000	34,000	4,000
Female	834,000	699,000	526,000	173,000	12,000	123,000	60,000	63,000
Health	828,000	704,000	547,000	157,000	14,000	109,000	53,000	57,000
Male	156,000	141,000	129,000	12,000	5,000	10,000	8,000	2,000
Female	672,000	564,000	418,000	145,000	9,000	99,000	44,000	55,000
Science/mathematics teacher education	208,000	168,000	130,000	38,000	S	39,000	33,000	5,000
Male	88,000	69,000	52,000	17,000	S	18,000	18,000	S
Female	120,000	99,000	78,000	21,000	S	20,000	16,000	5,000
Technology/technical fields	58,000	50,000	47,000	3,000	1,000	7,000	4,000	3,000
Male	46,000	40,000	39,000	S	S	5,000	4,000	1,000
Female	12,000	10,000	8,000	S	S	2,000	S	S
Other S&E-related fields	99,000	90,000	77,000	13,000	S	7,000	5,000	S
Male	69,000	64,000	56,000	8,000	S	4,000	4,000	S
Female	30,000	26,000	21,000	5,000	S	2,000	S	S
Non-S&E fields	2,781,000	2,350,000	2,035,000	315,000	59,000	372,000	254,000	119,000
Male	1,524,000	1,310,000	1,207,000	102,000	30,000	185,000	167,000	18,000
Female	1,257,000	1,040,000	827,000	213,000	29,000	188,000	87,000	101,000
Arts/humanities	116,000	92,000	70,000	22,000	6,000	18,000	12,000	7,000
Male	52,000	41,000	34,000	7,000	2,000	8,000	6,000	S
Female	64,000	50,000	36,000	15,000	4,000	10,000	6,000	4,000
Education, except science/mathematics teacher education	835,000	681,000	571,000	111,000	12,000	141,000	99,000	42,000
Male	327,000	263,000	231,000	32,000	3,000	61,000	60,000	1,000
Female	508,000	418,000	339,000	79,000	10,000	80,000	39,000	41,000
Management/administration	1,109,000	962,000	883,000	79,000	30,000	118,000	83,000	34,000
Male	798,000	704,000	665,000	39,000	21,000	73,000	68,000	5,000
Female	311,000	258,000	218,000	40,000	9,000	44,000	15,000	29,000

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Sales/marketing	111,000	92,000	84,000	9,000	4,000	15,000	6,000	8,000
Male	72,000	65,000	62,000	3,000	S	4,000	4,000	S
Female	38,000	27,000	22,000	5,000	S	10,000	S	8,000
Social services/related	316,000	276,000	215,000	61,000	4,000	36,000	25,000	12,000
Male	122,000	103,000	92,000	11,000	S	18,000	14,000	3,000
Female	194,000	172,000	123,000	50,000	3,000	19,000	10,000	8,000
Other non-S&E fields	295,000	248,000	213,000	35,000	S	44,000	28,000	16,000
Male	154,000	133,000	123,000	10,000	S	20,000	15,000	5,000
Female	141,000	114,000	90,000	24,000	S	25,000	14,000	11,000
Doctorate degrees	1,018,000	883,000	787,000	96,000	14,000	121,000	103,000	18,000
Male	710,000	616,000	565,000	51,000	10,000	85,000	80,000	5,000
Female	308,000	267,000	222,000	45,000	4,000	36,000	24,000	13,000
S&E fields	802,000	699,000	628,000	71,000	12,000	91,000	77,000	14,000
Male	586,000	509,000	469,000	40,000	9,000	69,000	64,000	5,000
Female	216,000	191,000	160,000	31,000	3,000	22,000	13,000	9,000
Sciences	659,000	573,000	510,000	62,000	11,000	76,000	64,000	11,000
Male	456,000	394,000	362,000	32,000	8,000	55,000	52,000	3,000
Female	203,000	179,000	149,000	30,000	3,000	21,000	13,000	8,000
Biological/agricultural/environmental life sciences	223,000	195,000	180,000	15,000	5,000	23,000	19,000	4,000
Male	152,000	132,000	124,000	8,000	4,000	17,000	15,000	1,000
Female	71,000	63,000	56,000	7,000	1,000	7,000	4,000	3,000
Agricultural/food sciences	22,000	19,000	18,000	1,000	*	3,000	3,000	*
Male	18,000	15,000	14,000	1,000	*	3,000	3,000	S
Female	4,000	4,000	3,000	*	S	*	*	*
Biological sciences	193,000	169,000	156,000	13,000	5,000	19,000	16,000	4,000
Male	128,000	112,000	105,000	6,000	3,000	13,000	12,000	1,000
Female	65,000	58,000	51,000	6,000	1,000	6,000	4,000	3,000
Environmental life sciences	8,000	6,000	6,000	*	S	1,000	1,000	S
Male	6,000	5,000	4,000	*	S	1,000	1,000	S
Female	2,000	2,000	1,000	S	S	S	S	S
Computer/mathematical sciences	57,000	52,000	48,000	4,000	*	5,000	5,000	*
Male	48,000	43,000	40,000	3,000	*	4,000	4,000	*
Female	9,000	9,000	8,000	1,000	S	1,000	1,000	*
Computer/information sciences	20,000	19,000	18,000	1,000	*	1,000	*	*
Male	17,000	16,000	16,000	1,000	S	*	*	S
Female	3,000	3,000	3,000	*	S	*	*	S

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Mathematical sciences	37,000	33,000	30,000	3,000	*	4,000	4,000	*
Male	31,000	27,000	25,000	2,000	*	4,000	4,000	S
Female	6,000	6,000	5,000	1,000	S	1,000	1,000	*
Physical/related sciences	164,000	137,000	128,000	9,000	3,000	23,000	21,000	3,000
Male	137,000	115,000	108,000	7,000	3,000	20,000	19,000	1,000
Female	27,000	22,000	20,000	2,000	1,000	4,000	2,000	2,000
Chemistry, except biochemistry	86,000	71,000	66,000	5,000	2,000	13,000	12,000	1,000
Male	69,000	57,000	53,000	4,000	2,000	11,000	10,000	*
Female	17,000	13,000	12,000	1,000	1,000	2,000	1,000	1,000
Earth/atmospheric/ocean sciences	21,000	18,000	16,000	1,000	*	3,000	3,000	*
Male	18,000	14,000	13,000	1,000	*	3,000	3,000	*
Female	4,000	3,000	3,000	*	*	*	*	S
Physics/astronomy	54,000	47,000	43,000	3,000	1,000	7,000	6,000	1,000
Male	48,000	42,000	39,000	3,000	1,000	6,000	5,000	*
Female	6,000	5,000	4,000	1,000	*	1,000	*	1,000
Other physical sciences	3,000	3,000	2,000	*	S	S	S	S
Male	2,000	2,000	2,000	S	S	S	S	S
Female	1,000	1,000	1,000	*	S	S	S	S
Social/related sciences	214,000	188,000	154,000	34,000	2,000	24,000	19,000	4,000
Male	119,000	104,000	90,000	14,000	1,000	14,000	13,000	1,000
Female	95,000	85,000	64,000	20,000	1,000	10,000	6,000	3,000
Economics	27,000	23,000	21,000	2,000	*	4,000	3,000	1,000
Male	22,000	18,000	16,000	2,000	*	3,000	3,000	S
Female	5,000	5,000	4,000	1,000	S	1,000	*	*
Political/related sciences	23,000	19,000	17,000	2,000	*	3,000	3,000	1,000
Male	17,000	14,000	13,000	2,000	S	2,000	2,000	*
Female	6,000	5,000	5,000	1,000	S	1,000	*	*
Psychology	114,000	102,000	78,000	24,000	1,000	11,000	8,000	2,000
Male	53,000	48,000	40,000	8,000	*	5,000	5,000	*
Female	61,000	55,000	39,000	16,000	1,000	6,000	4,000	2,000
Sociology/anthropology	30,000	27,000	23,000	4,000	*	3,000	3,000	*
Male	16,000	14,000	12,000	2,000	S	2,000	2,000	S
Female	14,000	13,000	11,000	2,000	S	1,000	1,000	*
Other social sciences	20,000	17,000	15,000	2,000	*	3,000	2,000	*
Male	12,000	10,000	9,000	1,000	S	2,000	2,000	S
Female	9,000	7,000	6,000	1,000	S	1,000	1,000	*

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Engineering	144,000	127,000	118,000	9,000	2,000	15,000	13,000	2,000
Male	130,000	115,000	107,000	8,000	2,000	14,000	12,000	1,000
Female	13,000	12,000	11,000	1,000	*	1,000	*	1,000
Aerospace/related engineering	7,000	6,000	5,000	1,000	S	1,000	1,000	S
Male	6,000	6,000	5,000	1,000	S	1,000	1,000	S
Female	*	*	*	S	S	S	S	S
Chemical engineering	21,000	17,000	16,000	1,000	1,000	2,000	2,000	*
Male	18,000	16,000	15,000	1,000	1,000	2,000	2,000	S
Female	2,000	2,000	2,000	*	S	*	S	*
Civil/architectural engineering	12,000	11,000	10,000	1,000	S	1,000	1,000	S
Male	11,000	10,000	9,000	1,000	S	1,000	1,000	S
Female	1,000	1,000	1,000	S	S	S	S	S
Electrical/computer engineering	41,000	37,000	34,000	2,000	*	4,000	3,000	*
Male	38,000	34,000	32,000	2,000	*	4,000	3,000	*
Female	3,000	3,000	3,000	*	S	*	S	*
Industrial engineering	4,000	3,000	3,000	*	S	*	*	S
Male	3,000	3,000	3,000	*	S	*	*	S
Female	1,000	1,000	1,000	S	S	S	S	S
Mechanical engineering	19,000	17,000	16,000	1,000	*	1,000	1,000	*
Male	18,000	16,000	15,000	1,000	*	1,000	1,000	S
Female	1,000	1,000	1,000	S	S	S	S	S
Other engineering	41,000	35,000	33,000	2,000	1,000	5,000	4,000	1,000
Male	36,000	31,000	29,000	2,000	*	5,000	4,000	1,000
Female	5,000	4,000	4,000	*	*	*	S	*
S&E-related fields	65,000	57,000	49,000	7,000	*	8,000	8,000	1,000
Male	34,000	29,000	26,000	2,000	S	6,000	5,000	S
Female	31,000	28,000	23,000	5,000	*	3,000	2,000	1,000
Health	45,000	41,000	36,000	6,000	*	3,000	3,000	1,000
Male	20,000	19,000	17,000	2,000	S	1,000	1,000	S
Female	25,000	23,000	18,000	4,000	*	2,000	1,000	1,000
Science/mathematics teacher education	11,000	8,000	7,000	1,000	S	4,000	4,000	S
Male	7,000	4,000	3,000	S	S	3,000	3,000	S
Female	5,000	4,000	3,000	S	S	S	S	S
Technology/technical fields	5,000	3,000	3,000	S	S	S	S	S
Male	4,000	3,000	3,000	S	S	S	S	S
Female	S	S	S	S	S	S	S	S

TABLE 8. U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other S&E-related fields	4,000	4,000	4,000	S	S	S	S	S
Male	3,000	3,000	3,000	S	S	S	S	S
Female	1,000	1,000	1,000	S	S	S	S	S
Non-S&E degrees	150,000	127,000	110,000	18,000	S	22,000	19,000	3,000
Male	90,000	78,000	70,000	9,000	S	11,000	10,000	S
Female	61,000	49,000	40,000	9,000	S	11,000	8,000	3,000
Arts/humanities	20,000	18,000	15,000	3,000	S	2,000	2,000	S
Male	11,000	10,000	9,000	S	S	S	S	S
Female	9,000	8,000	6,000	2,000	S	1,000	S	S
Education, except science/mathematics teacher education	69,000	57,000	51,000	6,000	S	12,000	11,000	S
Male	38,000	30,000	28,000	3,000	S	7,000	7,000	S
Female	32,000	27,000	23,000	4,000	S	5,000	4,000	S
Management/administration	16,000	15,000	13,000	2,000	S	1,000	1,000	S
Male	13,000	12,000	11,000	S	S	S	S	S
Female	3,000	3,000	2,000	S	S	S	S	S
Sales/marketing	2,000	2,000	1,000	S	S	S	S	S
Male	1,000	1,000	1,000	S	S	S	S	S
Female	S	S	S	S	S	S	S	S
Social services/related	21,000	19,000	16,000	3,000	S	2,000	S	S
Male	16,000	15,000	13,000	2,000	S	S	S	S
Female	5,000	4,000	2,000	1,000	S	S	S	S
Other non-S&E fields	22,000	17,000	14,000	3,000	S	6,000	4,000	S
Male	11,000	10,000	8,000	S	S	S	S	S
Female	12,000	7,000	6,000	S	S	4,000	S	S

* = estimate < 500; S = 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. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
All degree levels and fields[b]	22,630,000	18,927,000	16,051,000	2,876,000	485,000	3,218,000	1,823,000	1,395,000
American Indian/Alaska Native	98,000	81,000	73,000	8,000	1,000	16,000	8,000	8,000
Asian	2,253,000	1,931,000	1,708,000	223,000	65,000	257,000	82,000	174,000
Black	1,257,000	1,074,000	957,000	117,000	43,000	140,000	89,000	51,000
Hispanic	1,193,000	1,027,000	891,000	136,000	31,000	136,000	51,000	85,000
White	17,421,000	14,472,000	12,133,000	2,339,000	332,000	2,617,000	1,570,000	1,047,000
Other	408,000	342,000	290,000	53,000	13,000	52,000	22,000	30,000
S&E fields	12,436,000	10,156,000	8,789,000	1,367,000	329,000	1,951,000	1,041,000	909,000
American Indian/Alaska Native	51,000	41,000	38,000	3,000	1,000	9,000	4,000	4,000
Asian	1,463,000	1,231,000	1,116,000	115,000	44,000	189,000	50,000	139,000
Black	646,000	540,000	479,000	61,000	28,000	79,000	45,000	34,000
Hispanic	686,000	578,000	503,000	74,000	22,000	86,000	30,000	56,000
White	9,338,000	7,561,000	6,474,000	1,087,000	224,000	1,553,000	899,000	654,000
Other	251,000	205,000	179,000	26,000	11,000	36,000	13,000	23,000
Sciences	9,537,000	7,719,000	6,520,000	1,199,000	272,000	1,547,000	729,000	817,000
American Indian/Alaska Native	44,000	36,000	33,000	3,000	1,000	7,000	3,000	4,000
Asian	968,000	788,000	697,000	90,000	30,000	150,000	33,000	117,000
Black	562,000	463,000	406,000	57,000	25,000	73,000	42,000	31,000
Hispanic	530,000	440,000	374,000	66,000	19,000	71,000	21,000	50,000
White	7,234,000	5,833,000	4,875,000	958,000	187,000	1,214,000	621,000	593,000
Other	200,000	159,000	135,000	24,000	10,000	32,000	10,000	22,000
Biological/agricultural/environmental life sciences	1,933,000	1,555,000	1,332,000	223,000	50,000	327,000	132,000	195,000
American Indian/Alaska Native	9,000	8,000	8,000	1,000	S	1,000	S	S
Asian	204,000	154,000	133,000	21,000	7,000	42,000	7,000	35,000
Black	78,000	65,000	52,000	12,000	4,000	10,000	2,000	7,000
Hispanic	104,000	87,000	73,000	14,000	2,000	16,000	2,000	13,000
White	1,499,000	1,215,000	1,043,000	171,000	34,000	251,000	117,000	134,000
Other	39,000	26,000	23,000	4,000	4,000	9,000	3,000	6,000
Agricultural/food sciences	312,000	267,000	239,000	28,000	8,000	37,000	28,000	9,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	20,000	16,000	13,000	3,000	S	2,000	2,000	S
Black	6,000	6,000	6,000	*	S	S	S	S
Hispanic	12,000	10,000	10,000	*	S	2,000	1,000	*
White	265,000	227,000	204,000	24,000	6,000	32,000	24,000	8,000
Other	8,000	6,000	6,000	S	S	S	S	S
Biological sciences	1,429,000	1,125,000	947,000	177,000	38,000	267,000	87,000	180,000
American Indian/Alaska Native	5,000	5,000	5,000	S	S	*	S	S
Asian	177,000	132,000	117,000	16,000	5,000	40,000	6,000	34,000
Black	70,000	57,000	45,000	12,000	4,000	9,000	2,000	7,000
Hispanic	87,000	72,000	59,000	13,000	1,000	14,000	1,000	12,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	1,062,000	840,000	707,000	133,000	25,000	197,000	76,000	120,000
Other	28,000	18,000	15,000	3,000	3,000	7,000	1,000	6,000
Environmental life sciences	192,000	164,000	146,000	18,000	5,000	23,000	17,000	6,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	7,000	6,000	4,000	2,000	S	1,000	S	1,000
Black	2,000	2,000	2,000	*	S	S	S	S
Hispanic	5,000	5,000	5,000	*	*	*	S	*
White	173,000	147,000	133,000	15,000	3,000	22,000	17,000	5,000
Other	4,000	2,000	2,000	S	S	S	S	S
Computer/mathematical sciences	1,864,000	1,586,000	1,425,000	161,000	60,000	219,000	110,000	109,000
American Indian/Alaska Native	9,000	8,000	8,000	S	S	S	S	S
Asian	362,000	316,000	294,000	22,000	14,000	33,000	6,000	26,000
Black	111,000	96,000	90,000	6,000	4,000	11,000	5,000	6,000
Hispanic	83,000	71,000	65,000	5,000	4,000	8,000	4,000	4,000
White	1,267,000	1,066,000	943,000	123,000	37,000	164,000	94,000	71,000
Other	33,000	29,000	27,000	3,000	S	3,000	S	2,000
Computer/information sciences	1,235,000	1,103,000	1,018,000	84,000	46,000	86,000	28,000	59,000
American Indian/Alaska Native	8,000	8,000	7,000	S	S	S	S	S
Asian	288,000	258,000	243,000	15,000	11,000	19,000	3,000	16,000
Black	82,000	73,000	68,000	5,000	3,000	6,000	S	5,000
Hispanic	66,000	57,000	53,000	4,000	4,000	5,000	2,000	3,000
White	766,000	684,000	626,000	58,000	26,000	56,000	22,000	34,000
Other	24,000	23,000	21,000	2,000	S	S	S	S
Mathematical sciences	630,000	483,000	407,000	76,000	15,000	132,000	82,000	51,000
American Indian/Alaska Native	1,000	*	S	S	S	S	S	S
Asian	74,000	58,000	51,000	7,000	2,000	13,000	3,000	10,000
Black	29,000	23,000	21,000	2,000	1,000	5,000	4,000	1,000
Hispanic	17,000	13,000	12,000	2,000	S	3,000	3,000	1,000
White	501,000	382,000	317,000	65,000	11,000	108,000	72,000	37,000
Other	9,000	6,000	6,000	S	S	2,000	S	2,000
Physical/related sciences	859,000	688,000	613,000	75,000	23,000	148,000	102,000	45,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	1,000	S	S
Asian	112,000	91,000	81,000	10,000	3,000	18,000	8,000	11,000
Black	24,000	19,000	18,000	1,000	1,000	4,000	2,000	2,000
Hispanic	37,000	33,000	30,000	3,000	1,000	3,000	1,000	1,000
White	671,000	533,000	474,000	59,000	19,000	119,000	88,000	31,000
Other	12,000	9,000	8,000	1,000	S	3,000	S	1,000
Chemistry, except biochemistry	407,000	319,000	285,000	34,000	12,000	76,000	49,000	27,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	67,000	53,000	48,000	5,000	2,000	12,000	5,000	7,000
Black	14,000	12,000	11,000	1,000	*	2,000	1,000	1,000
Hispanic	20,000	17,000	17,000	*	1,000	2,000	1,000	1,000
White	299,000	231,000	203,000	27,000	9,000	59,000	42,000	17,000
Other	6,000	5,000	5,000	S	S	1,000	S	1,000
Earth/atmospheric/ocean sciences	209,000	173,000	157,000	16,000	6,000	29,000	20,000	9,000
American Indian/Alaska Native	1,000	1,000	*	S	S	S	S	S
Asian	8,000	7,000	6,000	1,000	*	1,000	*	*
Black	1,000	1,000	1,000	S	S	*	S	S
Hispanic	6,000	6,000	6,000	*	S	*	S	*
White	190,000	156,000	142,000	14,000	6,000	28,000	20,000	8,000
Other	3,000	2,000	2,000	1,000	S	S	S	S
Physics/astronomy	192,000	154,000	133,000	21,000	4,000	33,000	26,000	7,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	35,000	29,000	25,000	4,000	*	6,000	2,000	4,000
Black	4,000	3,000	3,000	*	S	*	S	*
Hispanic	7,000	6,000	4,000	2,000	S	1,000	S	*
White	143,000	114,000	100,000	14,000	4,000	26,000	22,000	3,000
Other	2,000	1,000	1,000	*	S	S	S	S
Other physical sciences	51,000	41,000	38,000	4,000	1,000	9,000	7,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	S	S	S
Black	4,000	3,000	3,000	S	S	S	S	S
Hispanic	4,000	4,000	3,000	S	S	S	S	S
White	39,000	32,000	29,000	3,000	S	6,000	4,000	2,000
Other	2,000	1,000	1,000	S	S	S	S	S
Social/related sciences	4,880,000	3,890,000	3,149,000	741,000	138,000	853,000	385,000	468,000
American Indian/Alaska Native	23,000	17,000	16,000	2,000	1,000	5,000	S	3,000
Asian	290,000	226,000	190,000	36,000	6,000	57,000	11,000	46,000
Black	350,000	283,000	246,000	38,000	17,000	49,000	33,000	16,000
Hispanic	307,000	249,000	205,000	44,000	13,000	45,000	13,000	32,000
White	3,796,000	3,020,000	2,415,000	605,000	97,000	679,000	322,000	358,000
Other	116,000	94,000	78,000	17,000	4,000	17,000	5,000	13,000
Economics	712,000	594,000	518,000	76,000	12,000	107,000	56,000	51,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	103,000	83,000	74,000	9,000	2,000	18,000	4,000	15,000
Black	27,000	22,000	21,000	1,000	1,000	4,000	4,000	S
Hispanic	34,000	30,000	27,000	3,000	1,000	4,000	2,000	2,000
White	536,000	449,000	387,000	62,000	9,000	79,000	46,000	33,000
Other	11,000	10,000	9,000	1,000	S	1,000	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Political/related sciences	867,000	691,000	588,000	103,000	34,000	142,000	60,000	82,000
American Indian/Alaska Native	3,000	3,000	2,000	S	S	S	S	S
Asian	51,000	39,000	35,000	4,000	2,000	10,000	1,000	9,000
Black	65,000	55,000	49,000	7,000	4,000	5,000	3,000	3,000
Hispanic	50,000	39,000	33,000	6,000	3,000	8,000	2,000	6,000
White	676,000	537,000	454,000	83,000	23,000	116,000	55,000	61,000
Other	23,000	18,000	16,000	2,000	1,000	3,000	S	3,000
Psychology	1,813,000	1,422,000	1,080,000	342,000	51,000	340,000	145,000	195,000
American Indian/Alaska Native	9,000	5,000	5,000	1,000	S	3,000	S	S
Asian	67,000	54,000	41,000	13,000	S	13,000	3,000	10,000
Black	129,000	105,000	87,000	18,000	7,000	17,000	10,000	7,000
Hispanic	124,000	99,000	79,000	20,000	5,000	21,000	4,000	17,000
White	1,439,000	1,125,000	842,000	283,000	37,000	277,000	125,000	152,000
Other	45,000	34,000	26,000	8,000	2,000	10,000	3,000	6,000
Sociology/anthropology	969,000	759,000	619,000	140,000	31,000	179,000	79,000	100,000
American Indian/Alaska Native	6,000	5,000	5,000	S	S	S	S	S
Asian	35,000	29,000	23,000	5,000	S	6,000	2,000	4,000
Black	89,000	71,000	63,000	8,000	5,000	13,000	9,000	5,000
Hispanic	56,000	47,000	40,000	7,000	3,000	7,000	3,000	4,000
White	754,000	583,000	469,000	114,000	21,000	150,000	65,000	85,000
Other	27,000	24,000	20,000	5,000	S	2,000	S	1,000
Other social sciences	519,000	424,000	344,000	80,000	11,000	84,000	45,000	40,000
American Indian/Alaska Native	5,000	4,000	4,000	S	S	S	S	S
Asian	33,000	22,000	17,000	5,000	1,000	10,000	2,000	8,000
Black	40,000	30,000	27,000	4,000	*	9,000	8,000	2,000
Hispanic	42,000	34,000	27,000	7,000	1,000	6,000	3,000	3,000
White	391,000	325,000	263,000	63,000	8,000	58,000	32,000	26,000
Other	10,000	8,000	7,000	1,000	S	1,000	S	1,000
Engineering	2,899,000	2,437,000	2,269,000	168,000	57,000	404,000	312,000	92,000
American Indian/Alaska Native	7,000	5,000	5,000	S	S	2,000	S	S
Asian	496,000	443,000	418,000	25,000	14,000	39,000	18,000	21,000
Black	84,000	77,000	73,000	4,000	2,000	5,000	3,000	3,000
Hispanic	156,000	138,000	130,000	8,000	3,000	15,000	9,000	6,000
White	2,104,000	1,728,000	1,599,000	129,000	37,000	339,000	278,000	61,000
Other	51,000	46,000	44,000	2,000	1,000	4,000	3,000	1,000
Aerospace/related engineering	98,000	83,000	75,000	9,000	1,000	13,000	11,000	2,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	7,000	7,000	6,000	*	S	1,000	S	*
Black	2,000	2,000	2,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	5,000	4,000	4,000	1,000	S	1,000	S	*
White	80,000	67,000	60,000	7,000	*	12,000	10,000	2,000
Other	3,000	3,000	3,000	S	S	S	S	S
Chemical engineering	203,000	165,000	154,000	10,000	5,000	34,000	24,000	10,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	36,000	32,000	31,000	1,000	1,000	3,000	2,000	2,000
Black	6,000	5,000	5,000	S	*	*	S	*
Hispanic	9,000	8,000	8,000	S	S	1,000	S	*
White	147,000	116,000	107,000	9,000	3,000	28,000	21,000	8,000
Other	3,000	3,000	3,000	S	S	S	S	S
Civil/architectural engineering	446,000	396,000	370,000	26,000	5,000	45,000	40,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	57,000	51,000	47,000	3,000	1,000	6,000	4,000	2,000
Black	13,000	12,000	12,000	*	S	S	S	S
Hispanic	35,000	32,000	30,000	2,000	S	2,000	2,000	*
White	330,000	290,000	270,000	20,000	4,000	36,000	33,000	3,000
Other	11,000	11,000	10,000	S	S	S	S	S
Electrical/computer engineering	932,000	791,000	745,000	46,000	23,000	119,000	90,000	29,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	230,000	209,000	199,000	10,000	7,000	14,000	4,000	9,000
Black	36,000	32,000	30,000	2,000	1,000	3,000	2,000	1,000
Hispanic	46,000	42,000	40,000	2,000	*	3,000	2,000	1,000
White	600,000	491,000	460,000	31,000	13,000	96,000	80,000	16,000
Other	19,000	16,000	15,000	1,000	S	3,000	3,000	S
Industrial engineering	186,000	146,000	133,000	13,000	5,000	35,000	25,000	10,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	26,000	23,000	22,000	1,000	S	2,000	1,000	1,000
Black	7,000	6,000	6,000	*	S	S	S	S
Hispanic	15,000	12,000	12,000	*	*	3,000	S	2,000
White	135,000	102,000	91,000	11,000	4,000	29,000	24,000	6,000
Other	2,000	2,000	2,000	S	S	S	S	S
Mechanical engineering	609,000	506,000	472,000	34,000	11,000	92,000	76,000	16,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	78,000	71,000	66,000	5,000	2,000	5,000	3,000	2,000
Black	13,000	12,000	11,000	1,000	S	*	S	*
Hispanic	24,000	21,000	21,000	1,000	S	2,000	2,000	*
White	485,000	393,000	366,000	27,000	9,000	83,000	70,000	13,000
Other	7,000	7,000	7,000	S	S	S	S	S
Other engineering	425,000	351,000	320,000	31,000	8,000	66,000	45,000	21,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	62,000	51,000	48,000	4,000	2,000	8,000	3,000	5,000
Black	9,000	8,000	7,000	1,000	*	1,000	S	*
Hispanic	21,000	17,000	15,000	2,000	S	2,000	1,000	1,000
White	328,000	270,000	246,000	24,000	4,000	54,000	40,000	13,000
Other	5,000	4,000	4,000	*	S	S	S	S
S&E-related fields	5,389,000	4,587,000	3,617,000	970,000	64,000	737,000	424,000	314,000
American Indian/Alaska Native	24,000	20,000	17,000	3,000	S	3,000	2,000	S
Asian	504,000	451,000	372,000	79,000	8,000	45,000	24,000	21,000
Black	289,000	258,000	229,000	28,000	5,000	27,000	15,000	12,000
Hispanic	283,000	246,000	204,000	43,000	4,000	32,000	13,000	19,000
White	4,199,000	3,530,000	2,730,000	801,000	46,000	622,000	365,000	257,000
Other	90,000	82,000	65,000	17,000	2,000	7,000	4,000	3,000
Health	4,213,000	3,596,000	2,764,000	832,000	46,000	571,000	303,000	268,000
American Indian/Alaska Native	19,000	16,000	14,000	2,000	S	S	S	S
Asian	416,000	372,000	303,000	69,000	6,000	38,000	21,000	16,000
Black	229,000	204,000	180,000	24,000	4,000	21,000	10,000	11,000
Hispanic	220,000	192,000	156,000	36,000	3,000	26,000	11,000	14,000
White	3,254,000	2,741,000	2,057,000	684,000	33,000	480,000	257,000	223,000
Other	76,000	70,000	54,000	16,000	S	5,000	2,000	2,000
Science/mathematics teacher education	437,000	334,000	261,000	74,000	7,000	96,000	74,000	22,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S
Asian	13,000	10,000	8,000	2,000	S	2,000	S	S
Black	24,000	17,000	15,000	3,000	S	6,000	5,000	S
Hispanic	18,000	16,000	11,000	5,000	S	2,000	S	S
White	376,000	287,000	223,000	64,000	4,000	84,000	66,000	19,000
Other	5,000	3,000	3,000	S	S	S	S	S
Technology/technical fields	375,000	328,000	305,000	23,000	7,000	39,000	29,000	10,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S
Asian	46,000	41,000	37,000	5,000	1,000	4,000	S	3,000
Black	21,000	20,000	19,000	S	S	S	S	S
Hispanic	21,000	19,000	19,000	S	S	S	S	S
White	278,000	239,000	222,000	18,000	5,000	34,000	27,000	7,000
Other	6,000	6,000	6,000	S	S	S	S	S
Other S&E-related fields	364,000	329,000	288,000	41,000	4,000	31,000	17,000	14,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	30,000	27,000	25,000	2,000	S	2,000	S	S
Black	16,000	16,000	15,000	S	S	S	S	S
Hispanic	23,000	19,000	18,000	S	S	4,000	S	3,000
White	291,000	262,000	228,000	35,000	4,000	24,000	15,000	9,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	3,000	3,000	3,000	S	S	S	S	S
Non-S&E fields	4,805,000	4,184,000	3,645,000	539,000	91,000	530,000	358,000	172,000
American Indian/Alaska Native	24,000	20,000	17,000	S	S	4,000	S	S
Asian	285,000	249,000	220,000	29,000	13,000	23,000	8,000	15,000
Black	321,000	276,000	249,000	28,000	10,000	34,000	29,000	5,000
Hispanic	225,000	203,000	184,000	19,000	4,000	18,000	9,000	10,000
White	3,885,000	3,380,000	2,929,000	451,000	63,000	442,000	307,000	135,000
Other	66,000	56,000	46,000	9,000	S	10,000	5,000	5,000
Arts/humanities	376,000	329,000	270,000	59,000	10,000	37,000	21,000	16,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	24,000	21,000	18,000	3,000	S	S	S	S
Black	8,000	6,000	5,000	S	S	S	S	S
Hispanic	17,000	17,000	14,000	3,000	S	S	S	S
White	322,000	281,000	230,000	51,000	7,000	34,000	21,000	14,000
Other	4,000	4,000	2,000	1,000	S	S	S	S
Education, except science/mathematics teacher education	1,111,000	924,000	771,000	153,000	15,000	172,000	124,000	49,000
American Indian/Alaska Native	7,000	7,000	5,000	S	S	S	S	S
Asian	30,000	27,000	21,000	6,000	S	3,000	S	S
Black	92,000	73,000	58,000	15,000	3,000	16,000	15,000	S
Hispanic	54,000	47,000	41,000	6,000	S	6,000	5,000	2,000
White	914,000	759,000	637,000	122,000	11,000	143,000	99,000	44,000
Other	15,000	11,000	8,000	3,000	S	4,000	3,000	S
Management/administration	1,570,000	1,387,000	1,275,000	112,000	41,000	142,000	100,000	42,000
American Indian/Alaska Native	8,000	7,000	7,000	S	S	S	S	S
Asian	151,000	132,000	119,000	13,000	11,000	9,000	3,000	5,000
Black	97,000	85,000	81,000	4,000	4,000	8,000	6,000	S
Hispanic	71,000	68,000	65,000	3,000	1,000	2,000	1,000	1,000
White	1,222,000	1,076,000	986,000	91,000	25,000	121,000	89,000	32,000
Other	20,000	19,000	18,000	S	S	1,000	1,000	S
Sales/marketing	168,000	146,000	136,000	10,000	4,000	18,000	7,000	11,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	12,000	10,000	9,000	S	S	2,000	S	S
Black	7,000	7,000	7,000	S	S	S	S	S
Hispanic	8,000	7,000	7,000	S	S	S	S	S
White	138,000	121,000	113,000	8,000	3,000	14,000	6,000	8,000
Other	1,000	S	S	S	S	S	S	S
Social services/related	392,000	342,000	270,000	72,000	7,000	43,000	30,000	13,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	14,000	12,000	9,000	2,000	S	2,000	S	1,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	42,000	38,000	34,000	4,000	S	4,000	3,000	S
Hispanic	20,000	18,000	16,000	2,000	S	S	S	S
White	312,000	270,000	207,000	64,000	6,000	36,000	25,000	11,000
Other	4,000	4,000	4,000	S	S	S	S	S
Other non-S&E fields	1,188,000	1,056,000	923,000	133,000	13,000	118,000	76,000	42,000
American Indian/Alaska Native	7,000	5,000	5,000	S	S	S	S	S
Asian	53,000	48,000	44,000	4,000	S	5,000	2,000	3,000
Black	74,000	67,000	64,000	4,000	S	6,000	4,000	S
Hispanic	55,000	46,000	42,000	4,000	S	7,000	2,000	5,000
White	976,000	873,000	756,000	116,000	10,000	94,000	67,000	27,000
Other	22,000	17,000	13,000	4,000	S	5,000	S	4,000
Bachelor's degrees	13,228,000	10,886,000	9,193,000	1,692,000	322,000	2,020,000	992,000	1,029,000
American Indian/Alaska Native	64,000	53,000	47,000	6,000	1,000	10,000	3,000	7,000
Asian	1,158,000	968,000	848,000	120,000	34,000	156,000	41,000	115,000
Black	767,000	648,000	574,000	74,000	33,000	87,000	46,000	40,000
Hispanic	754,000	638,000	557,000	80,000	21,000	95,000	32,000	63,000
White	10,208,000	8,351,000	6,972,000	1,379,000	221,000	1,636,000	857,000	779,000
Other	277,000	228,000	196,000	33,000	12,000	37,000	13,000	24,000
S&E fields	9,173,000	7,415,000	6,412,000	1,004,000	264,000	1,493,000	717,000	777,000
American Indian/Alaska Native	41,000	34,000	32,000	3,000	1,000	6,000	S	4,000
Asian	860,000	703,000	628,000	75,000	28,000	128,000	28,000	100,000
Black	521,000	432,000	383,000	50,000	25,000	64,000	33,000	31,000
Hispanic	555,000	466,000	409,000	57,000	17,000	72,000	24,000	49,000
White	6,994,000	5,619,000	4,820,000	799,000	183,000	1,192,000	620,000	572,000
Other	202,000	160,000	140,000	20,000	10,000	32,000	11,000	21,000
Sciences	7,098,000	5,680,000	4,795,000	885,000	224,000	1,194,000	482,000	712,000
American Indian/Alaska Native	35,000	30,000	27,000	3,000	1,000	5,000	S	4,000
Asian	596,000	469,000	407,000	62,000	20,000	107,000	18,000	89,000
Black	454,000	372,000	325,000	46,000	23,000	60,000	31,000	28,000
Hispanic	432,000	358,000	307,000	50,000	14,000	60,000	16,000	43,000
White	5,419,000	4,329,000	3,622,000	706,000	156,000	934,000	407,000	527,000
Other	162,000	124,000	106,000	18,000	9,000	29,000	8,000	20,000
Biological/agricultural/environmental life sciences	1,448,000	1,151,000	972,000	178,000	41,000	256,000	80,000	176,000
American Indian/Alaska Native	7,000	7,000	6,000	1,000	S	S	S	S
Asian	126,000	89,000	72,000	17,000	5,000	32,000	4,000	28,000
Black	65,000	52,000	41,000	11,000	4,000	9,000	2,000	7,000
Hispanic	87,000	72,000	60,000	12,000	1,000	14,000	S	12,000
White	1,132,000	911,000	777,000	135,000	26,000	194,000	71,000	123,000
Other	30,000	19,000	16,000	3,000	4,000	7,000	S	5,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Agricultural/food sciences	254,000	218,000	195,000	24,000	7,000	29,000	20,000	8,000
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S
Asian	13,000	10,000	7,000	3,000	S	2,000	S	S
Black	3,000	3,000	3,000	S	S	S	S	S
Hispanic	9,000	8,000	7,000	*	S	1,000	S	*
White	222,000	192,000	172,000	20,000	5,000	25,000	17,000	8,000
Other	6,000	4,000	4,000	S	S	S	S	S
Biological sciences	1,048,000	807,000	665,000	143,000	29,000	212,000	49,000	163,000
American Indian/Alaska Native	5,000	4,000	4,000	S	S	S	S	S
Asian	109,000	75,000	63,000	13,000	3,000	30,000	3,000	27,000
Black	61,000	48,000	38,000	11,000	4,000	9,000	2,000	7,000
Hispanic	74,000	60,000	49,000	11,000	1,000	13,000	S	12,000
White	778,000	606,000	501,000	105,000	18,000	154,000	43,000	111,000
Other	22,000	14,000	11,000	2,000	3,000	6,000	S	5,000
Environmental life sciences	145,000	125,000	112,000	12,000	5,000	16,000	11,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	4,000	3,000	2,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	5,000	4,000	4,000	*	S	S	S	S
White	132,000	113,000	103,000	10,000	3,000	15,000	11,000	4,000
Other	2,000	1,000	1,000	S	S	S	S	S
Computer/mathematical sciences	1,327,000	1,123,000	1,007,000	115,000	45,000	159,000	71,000	88,000
American Indian/Alaska Native	7,000	6,000	6,000	S	S	S	S	S
Asian	186,000	160,000	148,000	13,000	8,000	18,000	2,000	16,000
Black	89,000	77,000	73,000	4,000	3,000	9,000	4,000	5,000
Hispanic	68,000	59,000	55,000	5,000	2,000	7,000	3,000	3,000
White	950,000	798,000	706,000	92,000	30,000	122,000	61,000	61,000
Other	25,000	22,000	20,000	2,000	S	2,000	S	2,000
Computer/information sciences	867,000	774,000	713,000	61,000	35,000	58,000	13,000	45,000
American Indian/Alaska Native	7,000	6,000	6,000	S	S	S	S	S
Asian	144,000	129,000	120,000	9,000	7,000	8,000	S	8,000
Black	67,000	59,000	56,000	3,000	3,000	5,000	S	4,000
Hispanic	55,000	48,000	45,000	3,000	2,000	4,000	S	3,000
White	576,000	515,000	471,000	43,000	22,000	40,000	11,000	29,000
Other	18,000	16,000	15,000	1,000	S	S	S	S
Mathematical sciences	460,000	349,000	294,000	55,000	10,000	101,000	58,000	44,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	42,000	31,000	28,000	4,000	1,000	10,000	2,000	8,000
Black	23,000	17,000	17,000	1,000	1,000	4,000	4,000	1,000
Hispanic	14,000	11,000	10,000	1,000	S	2,000	2,000	*

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	374,000	283,000	234,000	49,000	8,000	82,000	50,000	32,000
Other	8,000	6,000	6,000	S	S	2,000	S	S
Physical/related sciences	538,000	419,000	375,000	44,000	17,000	102,000	66,000	35,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	53,000	40,000	35,000	5,000	2,000	11,000	5,000	7,000
Black	18,000	15,000	14,000	1,000	*	3,000	2,000	1,000
Hispanic	28,000	26,000	24,000	2,000	1,000	2,000	S	1,000
White	427,000	331,000	296,000	35,000	14,000	82,000	57,000	26,000
Other	8,000	6,000	5,000	1,000	S	3,000	S	1,000
Chemistry, except biochemistry	268,000	206,000	185,000	20,000	8,000	54,000	32,000	22,000
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S
Asian	33,000	23,000	22,000	2,000	2,000	8,000	3,000	5,000
Black	12,000	9,000	9,000	*	S	2,000	1,000	1,000
Hispanic	17,000	15,000	15,000	*	1,000	1,000	S	1,000
White	201,000	153,000	136,000	18,000	6,000	42,000	28,000	14,000
Other	4,000	3,000	3,000	S	S	S	S	S
Earth/atmospheric/ocean sciences	131,000	105,000	96,000	9,000	5,000	21,000	14,000	7,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	4,000	4,000	4,000	*	S	S	S	S
White	122,000	97,000	89,000	8,000	5,000	20,000	13,000	7,000
Other	1,000	1,000	1,000	S	S	S	S	S
Physics/astronomy	95,000	74,000	61,000	12,000	3,000	19,000	15,000	4,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	17,000	13,000	11,000	3,000	S	3,000	S	1,000
Black	2,000	2,000	2,000	*	S	*	S	*
Hispanic	4,000	3,000	2,000	1,000	S	*	S	*
White	72,000	54,000	46,000	8,000	2,000	15,000	13,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other physical sciences	43,000	34,000	32,000	2,000	S	8,000	6,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	S	S	S
Black	4,000	3,000	3,000	S	S	S	S	S
Hispanic	4,000	4,000	3,000	S	S	S	S	S
White	32,000	26,000	24,000	2,000	S	5,000	S	2,000
Other	S	S	S	S	S	S	S	S
Social/related sciences	3,786,000	2,988,000	2,441,000	547,000	121,000	677,000	265,000	412,000
American Indian/Alaska Native	19,000	15,000	13,000	2,000	S	4,000	S	3,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	230,000	180,000	153,000	27,000	5,000	45,000	7,000	38,000
Black	282,000	228,000	197,000	31,000	16,000	39,000	24,000	15,000
Hispanic	248,000	200,000	169,000	32,000	10,000	37,000	11,000	27,000
White	2,909,000	2,288,000	1,845,000	444,000	86,000	535,000	218,000	317,000
Other	97,000	77,000	65,000	13,000	4,000	17,000	4,000	12,000
Economics	604,000	504,000	442,000	61,000	11,000	89,000	42,000	48,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	87,000	70,000	63,000	7,000	2,000	16,000	S	13,000
Black	23,000	20,000	19,000	1,000	1,000	3,000	S	S
Hispanic	30,000	26,000	23,000	3,000	1,000	3,000	S	2,000
White	453,000	379,000	329,000	50,000	8,000	66,000	34,000	32,000
Other	10,000	9,000	8,000	S	S	S	S	S
Political/related sciences	714,000	561,000	479,000	83,000	30,000	123,000	47,000	76,000
American Indian/Alaska Native	2,000	2,000	1,000	S	S	S	S	S
Asian	39,000	29,000	26,000	3,000	S	8,000	S	8,000
Black	55,000	47,000	40,000	6,000	4,000	4,000	2,000	2,000
Hispanic	42,000	32,000	29,000	3,000	3,000	7,000	S	6,000
White	555,000	435,000	368,000	67,000	20,000	99,000	43,000	56,000
Other	21,000	16,000	14,000	1,000	S	3,000	S	3,000
Psychology	1,204,000	921,000	703,000	219,000	43,000	239,000	77,000	162,000
American Indian/Alaska Native	6,000	4,000	4,000	S	S	S	S	S
Asian	50,000	40,000	32,000	8,000	S	9,000	S	8,000
Black	93,000	75,000	60,000	15,000	6,000	11,000	5,000	7,000
Hispanic	93,000	76,000	60,000	16,000	3,000	15,000	3,000	12,000
White	928,000	704,000	530,000	174,000	31,000	193,000	65,000	128,000
Other	34,000	23,000	17,000	5,000	1,000	9,000	3,000	6,000
Sociology/anthropology	867,000	676,000	555,000	121,000	29,000	162,000	68,000	94,000
American Indian/Alaska Native	6,000	5,000	5,000	S	S	S	S	S
Asian	30,000	25,000	20,000	5,000	S	5,000	S	4,000
Black	81,000	64,000	58,000	6,000	5,000	12,000	7,000	5,000
Hispanic	50,000	40,000	36,000	5,000	3,000	7,000	3,000	4,000
White	676,000	520,000	418,000	102,000	20,000	136,000	55,000	81,000
Other	25,000	22,000	18,000	4,000	S	2,000	S	1,000
Other social sciences	398,000	326,000	262,000	64,000	9,000	63,000	31,000	32,000
American Indian/Alaska Native	4,000	4,000	4,000	S	S	S	S	S
Asian	24,000	16,000	12,000	4,000	S	7,000	S	6,000
Black	30,000	23,000	20,000	3,000	S	7,000	6,000	1,000
Hispanic	33,000	26,000	21,000	6,000	1,000	5,000	S	3,000
White	298,000	250,000	200,000	51,000	7,000	41,000	21,000	21,000
Other	8,000	7,000	6,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Engineering	2,075,000	1,735,000	1,617,000	119,000	40,000	300,000	234,000	65,000
American Indian/Alaska Native	6,000	5,000	5,000	S	S	S	S	S
Asian	263,000	235,000	221,000	14,000	8,000	21,000	10,000	11,000
Black	67,000	61,000	58,000	3,000	2,000	4,000	2,000	2,000
Hispanic	123,000	108,000	102,000	7,000	3,000	13,000	7,000	5,000
White	1,575,000	1,291,000	1,197,000	93,000	27,000	258,000	213,000	45,000
Other	40,000	36,000	34,000	2,000	1,000	3,000	2,000	1,000
Aerospace/related engineering	69,000	59,000	53,000	6,000	1,000	9,000	7,000	2,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	4,000	3,000	3,000	S	S	S	S	S
Black	2,000	1,000	1,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	S	S	*	S	*
White	58,000	49,000	44,000	5,000	S	9,000	7,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Chemical engineering	150,000	120,000	112,000	8,000	3,000	26,000	18,000	8,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	18,000	15,000	15,000	S	S	2,000	S	1,000
Black	4,000	4,000	3,000	S	S	*	S	*
Hispanic	7,000	6,000	6,000	S	S	1,000	S	*
White	117,000	92,000	84,000	8,000	2,000	23,000	16,000	6,000
Other	3,000	3,000	2,000	S	S	S	S	S
Civil/architectural engineering	334,000	295,000	278,000	17,000	3,000	36,000	31,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	33,000	29,000	27,000	2,000	S	4,000	3,000	S
Black	11,000	10,000	10,000	S	S	S	S	S
Hispanic	28,000	26,000	24,000	2,000	S	2,000	2,000	S
White	252,000	221,000	207,000	13,000	3,000	29,000	26,000	3,000
Other	9,000	9,000	8,000	S	S	S	S	S
Electrical/computer engineering	640,000	544,000	512,000	32,000	17,000	79,000	61,000	18,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	126,000	114,000	108,000	6,000	5,000	8,000	3,000	5,000
Black	29,000	26,000	25,000	1,000	1,000	2,000	S	1,000
Hispanic	38,000	34,000	33,000	2,000	*	3,000	2,000	1,000
White	430,000	355,000	333,000	22,000	11,000	64,000	53,000	11,000
Other	16,000	14,000	13,000	S	S	3,000	S	S
Industrial engineering	140,000	108,000	99,000	9,000	5,000	27,000	19,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	12,000	11,000	10,000	*	S	1,000	S	1,000
Black	5,000	4,000	4,000	*	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	12,000	9,000	9,000	S	*	3,000	S	2,000
White	108,000	82,000	74,000	8,000	3,000	23,000	19,000	4,000
Other	1,000	1,000	1,000	S	S	S	S	S
Mechanical engineering	489,000	405,000	377,000	29,000	6,000	77,000	65,000	12,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	48,000	45,000	41,000	4,000	1,000	2,000	1,000	S
Black	11,000	10,000	9,000	1,000	S	S	S	S
Hispanic	20,000	18,000	17,000	1,000	S	2,000	2,000	*
White	403,000	326,000	303,000	23,000	5,000	73,000	62,000	11,000
Other	6,000	5,000	5,000	S	S	S	S	S
Other engineering	253,000	203,000	186,000	17,000	5,000	45,000	32,000	13,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	23,000	17,000	17,000	S	S	5,000	S	3,000
Black	5,000	5,000	5,000	*	S	*	S	*
Hispanic	15,000	12,000	9,000	2,000	S	2,000	S	1,000
White	207,000	167,000	153,000	14,000	3,000	37,000	29,000	8,000
Other	3,000	2,000	2,000	S	S	S	S	S
S&E-related fields	2,890,000	2,399,000	1,841,000	557,000	37,000	455,000	234,000	221,000
American Indian/Alaska Native	14,000	12,000	10,000	S	S	S	S	S
Asian	240,000	210,000	172,000	37,000	4,000	26,000	13,000	13,000
Black	169,000	150,000	132,000	18,000	2,000	17,000	9,000	8,000
Hispanic	154,000	131,000	110,000	21,000	S	20,000	7,000	13,000
White	2,255,000	1,843,000	1,375,000	468,000	26,000	386,000	203,000	183,000
Other	58,000	53,000	42,000	12,000	S	3,000	S	2,000
Health	2,100,000	1,731,000	1,257,000	474,000	23,000	346,000	160,000	186,000
American Indian/Alaska Native	10,000	9,000	8,000	S	S	S	S	S
Asian	182,000	159,000	129,000	31,000	S	20,000	10,000	10,000
Black	131,000	116,000	102,000	15,000	2,000	13,000	5,000	7,000
Hispanic	106,000	89,000	72,000	16,000	S	16,000	6,000	10,000
White	1,620,000	1,311,000	912,000	399,000	16,000	293,000	137,000	156,000
Other	50,000	46,000	34,000	11,000	S	3,000	S	2,000
Science/mathematics teacher education	218,000	159,000	124,000	35,000	5,000	54,000	37,000	17,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	5,000	4,000	S	S	S	S	S
Black	8,000	4,000	3,000	S	S	4,000	S	S
Hispanic	12,000	10,000	7,000	S	S	S	S	S
White	189,000	138,000	108,000	30,000	S	47,000	32,000	15,000
Other	1,000	S	S	S	S	S	S	S
Technology/technical fields	313,000	275,000	255,000	20,000	7,000	31,000	24,000	7,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S
Asian	28,000	25,000	21,000	4,000	S	2,000	S	2,000
Black	18,000	17,000	17,000	S	S	S	S	S
Hispanic	19,000	17,000	17,000	S	S	S	S	S
White	240,000	208,000	192,000	16,000	4,000	28,000	23,000	5,000
Other	5,000	5,000	5,000	S	S	S	S	S
Other S&E-related fields	260,000	234,000	206,000	28,000	S	24,000	12,000	11,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	23,000	20,000	18,000	2,000	S	2,000	S	S
Black	12,000	12,000	11,000	S	S	S	S	S
Hispanic	18,000	15,000	14,000	S	S	S	S	S
White	205,000	185,000	162,000	22,000	S	19,000	11,000	7,000
Other	2,000	2,000	2,000	S	S	S	S	S
Non-S&E degrees	1,165,000	1,071,000	940,000	131,000	21,000	72,000	41,000	30,000
American Indian/Alaska Native	8,000	6,000	5,000	S	S	S	S	S
Asian	59,000	55,000	47,000	8,000	S	S	S	S
Black	77,000	65,000	59,000	7,000	6,000	6,000	4,000	S
Hispanic	45,000	41,000	38,000	2,000	S	3,000	S	S
White	960,000	890,000	778,000	112,000	12,000	58,000	34,000	24,000
Other	17,000	15,000	14,000	1,000	S	S	S	S
Arts/humanities	240,000	219,000	185,000	34,000	4,000	17,000	8,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	10,000	10,000	9,000	S	S	S	S	S
Black	6,000	4,000	3,000	S	S	S	S	S
Hispanic	9,000	9,000	9,000	S	S	S	S	S
White	213,000	194,000	163,000	31,000	2,000	17,000	8,000	9,000
Other	2,000	2,000	2,000	S	S	S	S	S
Education, except science/mathematics teacher education	204,000	182,000	147,000	35,000	3,000	19,000	14,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	6,000	6,000	4,000	S	S	S	S	S
Black	14,000	12,000	8,000	4,000	S	S	S	S
Hispanic	8,000	6,000	5,000	S	S	S	S	S
White	171,000	154,000	126,000	28,000	2,000	15,000	10,000	5,000
Other	3,000	2,000	1,000	S	S	S	S	S
Management/administration	444,000	411,000	379,000	32,000	11,000	22,000	15,000	8,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S
Asian	35,000	32,000	28,000	4,000	S	S	S	S
Black	33,000	27,000	27,000	S	S	3,000	S	S
Hispanic	17,000	16,000	16,000	S	S	S	S	S
White	349,000	326,000	300,000	27,000	5,000	18,000	13,000	5,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	8,000	7,000	7,000	S	S	S	S	S
Sales/marketing	55,000	52,000	51,000	1,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	49,000	46,000	45,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social services/related	41,000	35,000	28,000	7,000	2,000	3,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	1,000	S	S	S	S	S	S
Black	6,000	5,000	5,000	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	32,000	28,000	22,000	5,000	2,000	S	S	S
Other	S	S	S	S	S	S	S	S
Other non-S&E fields	180,000	172,000	150,000	23,000	S	7,000	3,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	6,000	5,000	5,000	S	S	S	S	S
Black	16,000	14,000	14,000	S	S	S	S	S
Hispanic	8,000	7,000	6,000	S	S	S	S	S
White	146,000	142,000	121,000	21,000	S	4,000	2,000	S
Other	3,000	2,000	2,000	S	S	S	S	S
Master's degrees	6,411,000	5,384,000	4,574,000	810,000	129,000	898,000	594,000	305,000
American Indian/Alaska Native	25,000	20,000	18,000	2,000	S	5,000	4,000	S
Asian	729,000	627,000	562,000	65,000	26,000	76,000	25,000	51,000
Black	378,000	326,000	293,000	33,000	8,000	44,000	36,000	8,000
Hispanic	290,000	254,000	219,000	35,000	7,000	29,000	13,000	16,000
White	4,900,000	4,078,000	3,416,000	663,000	87,000	736,000	510,000	225,000
Other	89,000	79,000	66,000	12,000	1,000	9,000	6,000	4,000
S&E fields	2,438,000	2,022,000	1,737,000	285,000	51,000	364,000	246,000	118,000
American Indian/Alaska Native	8,000	5,000	5,000	1,000	S	3,000	S	S
Asian	457,000	392,000	359,000	34,000	14,000	51,000	16,000	35,000
Black	104,000	87,000	78,000	9,000	2,000	14,000	11,000	3,000
Hispanic	106,000	90,000	75,000	15,000	5,000	11,000	5,000	7,000
White	1,723,000	1,411,000	1,189,000	222,000	30,000	282,000	209,000	73,000
Other	40,000	37,000	31,000	5,000	1,000	3,000	2,000	1,000
Sciences	1,758,000	1,447,000	1,203,000	244,000	36,000	275,000	181,000	94,000
American Indian/Alaska Native	7,000	5,000	5,000	S	S	S	S	S
Asian	273,000	228,000	204,000	24,000	9,000	36,000	10,000	26,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	89,000	74,000	66,000	9,000	2,000	13,000	10,000	2,000
Hispanic	77,000	64,000	50,000	14,000	4,000	9,000	3,000	6,000
White	1,282,000	1,048,000	856,000	193,000	21,000	213,000	155,000	58,000
Other	30,000	28,000	23,000	5,000	S	2,000	1,000	1,000
Biological/agricultural/environmental life sciences	263,000	210,000	180,000	30,000	5,000	48,000	33,000	15,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	35,000	26,000	23,000	3,000	1,000	8,000	2,000	6,000
Black	8,000	7,000	6,000	1,000	S	1,000	S	*
Hispanic	10,000	8,000	7,000	2,000	S	1,000	S	1,000
White	202,000	162,000	138,000	24,000	3,000	37,000	29,000	8,000
Other	6,000	5,000	4,000	S	S	1,000	S	*
Agricultural/food sciences	35,000	29,000	26,000	3,000	S	6,000	5,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	2,000	S	S	S	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S
White	26,000	21,000	19,000	2,000	S	5,000	4,000	S
Other	2,000	2,000	2,000	S	S	S	S	S
Biological sciences	187,000	148,000	126,000	22,000	4,000	35,000	22,000	13,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	30,000	22,000	20,000	2,000	1,000	7,000	2,000	6,000
Black	5,000	4,000	4,000	1,000	S	*	S	*
Hispanic	7,000	6,000	5,000	2,000	S	1,000	S	1,000
White	142,000	113,000	95,000	18,000	3,000	26,000	19,000	7,000
Other	3,000	2,000	2,000	S	S	1,000	S	S
Environmental life sciences	40,000	33,000	28,000	5,000	S	7,000	5,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	*	*	S	S	S	S	S
White	34,000	28,000	24,000	4,000	S	6,000	5,000	S
Other	1,000	S	S	S	S	S	S	S
Computer/mathematical sciences	481,000	411,000	370,000	41,000	15,000	55,000	34,000	20,000
American Indian/Alaska Native	2,000	2,000	S	S	S	S	S	S
Asian	162,000	143,000	134,000	9,000	6,000	14,000	4,000	10,000
Black	21,000	18,000	16,000	2,000	1,000	2,000	S	1,000
Hispanic	12,000	10,000	9,000	1,000	S	S	S	S
White	276,000	231,000	203,000	28,000	7,000	38,000	29,000	9,000
Other	7,000	7,000	6,000	S	S	*	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Computer/information sciences	348,000	309,000	287,000	23,000	11,000	28,000	14,000	14,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	137,000	122,000	117,000	6,000	4,000	11,000	3,000	8,000
Black	15,000	13,000	12,000	1,000	1,000	S	S	S
Hispanic	10,000	9,000	8,000	S	S	S	S	S
White	177,000	157,000	143,000	14,000	4,000	16,000	11,000	5,000
Other	6,000	6,000	5,000	S	S	S	S	S
Mathematical sciences	133,000	102,000	83,000	19,000	4,000	26,000	20,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	25,000	21,000	17,000	3,000	1,000	3,000	1,000	2,000
Black	6,000	5,000	4,000	1,000	S	1,000	S	*
Hispanic	2,000	1,000	1,000	*	S	S	S	S
White	99,000	74,000	61,000	14,000	3,000	22,000	18,000	4,000
Other	1,000	*	*	S	S	S	S	S
Physical/related sciences	157,000	132,000	110,000	21,000	3,000	23,000	16,000	7,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	29,000	24,000	20,000	4,000	S	5,000	1,000	3,000
Black	3,000	3,000	3,000	*	S	*	S	*
Hispanic	5,000	4,000	3,000	1,000	S	*	S	*
White	118,000	99,000	83,000	16,000	3,000	17,000	13,000	4,000
Other	2,000	2,000	2,000	*	S	S	S	S
Chemistry, except biochemistry	53,000	43,000	34,000	9,000	2,000	9,000	6,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	16,000	14,000	11,000	3,000	S	2,000	1,000	1,000
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	34,000	27,000	21,000	6,000	S	6,000	4,000	2,000
Other	1,000	S	S	S	S	S	S	S
Earth/atmospheric/ocean sciences	56,000	50,000	45,000	6,000	1,000	5,000	4,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	4,000	3,000	3,000	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	50,000	44,000	39,000	5,000	1,000	5,000	3,000	1,000
Other	1,000	1,000	1,000	*	S	S	S	S
Physics/astronomy	42,000	34,000	28,000	6,000	*	8,000	5,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	9,000	7,000	6,000	1,000	S	2,000	S	2,000
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	1,000	1,000	S	*	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	29,000	24,000	20,000	4,000	S	5,000	4,000	*
Other	*	*	S	S	S	S	S	S
Other physical sciences	6,000	4,000	3,000	1,000	S	1,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	5,000	4,000	2,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social/related sciences	858,000	694,000	543,000	151,000	14,000	150,000	99,000	51,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	S	S	S
Asian	47,000	36,000	28,000	8,000	1,000	10,000	3,000	7,000
Black	57,000	46,000	40,000	5,000	1,000	10,000	9,000	2,000
Hispanic	50,000	41,000	31,000	10,000	3,000	7,000	2,000	5,000
White	686,000	556,000	431,000	125,000	9,000	121,000	84,000	37,000
Other	15,000	14,000	11,000	3,000	S	1,000	S	S
Economics	81,000	67,000	55,000	12,000	1,000	13,000	10,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	12,000	9,000	8,000	1,000	S	2,000	S	1,000
Black	3,000	2,000	1,000	S	S	S	S	S
Hispanic	4,000	3,000	3,000	*	S	S	S	S
White	62,000	52,000	42,000	10,000	S	9,000	8,000	1,000
Other	*	S	S	S	S	S	S	S
Political/related sciences	130,000	110,000	92,000	18,000	4,000	16,000	10,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	10,000	9,000	8,000	1,000	S	1,000	S	1,000
Black	8,000	7,000	7,000	S	S	S	S	S
Hispanic	7,000	6,000	3,000	2,000	S	S	S	S
White	102,000	86,000	72,000	14,000	3,000	14,000	10,000	4,000
Other	2,000	2,000	1,000	S	S	S	S	S
Psychology	474,000	379,000	287,000	92,000	6,000	88,000	58,000	30,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	13,000	10,000	6,000	4,000	S	3,000	S	S
Black	31,000	25,000	22,000	2,000	1,000	6,000	5,000	1,000
Hispanic	26,000	19,000	16,000	3,000	2,000	5,000	1,000	4,000
White	391,000	315,000	234,000	81,000	3,000	73,000	50,000	23,000
Other	10,000	9,000	7,000	2,000	S	S	S	S
Sociology/anthropology	71,000	56,000	42,000	15,000	2,000	14,000	9,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	4,000	2,000	2,000	S	S	1,000	S	S
Black	7,000	6,000	4,000	2,000	S	S	S	S
Hispanic	6,000	6,000	3,000	3,000	S	S	S	S
White	53,000	41,000	32,000	9,000	1,000	11,000	7,000	4,000
Other	1,000	1,000	1,000	1,000	S	S	S	S
Other social sciences	101,000	81,000	67,000	14,000	1,000	19,000	12,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	4,000	3,000	1,000	S	3,000	S	2,000
Black	8,000	7,000	6,000	1,000	S	2,000	S	*
Hispanic	8,000	7,000	5,000	2,000	S	1,000	S	S
White	76,000	61,000	51,000	10,000	S	14,000	9,000	5,000
Other	1,000	1,000	1,000	1,000	S	S	S	S
Engineering	679,000	575,000	534,000	41,000	15,000	89,000	64,000	25,000
American Indian/Alaska Native	1,000	*	S	S	S	S	S	S
Asian	184,000	164,000	154,000	10,000	5,000	15,000	6,000	9,000
Black	15,000	13,000	13,000	*	*	1,000	1,000	*
Hispanic	29,000	26,000	25,000	1,000	1,000	2,000	1,000	*
White	441,000	362,000	333,000	29,000	9,000	69,000	55,000	15,000
Other	10,000	9,000	8,000	S	S	1,000	S	S
Aerospace/related engineering	22,000	18,000	17,000	1,000	S	4,000	3,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	*	S	*	S	*
Black	S	S	S	S	S	S	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S
White	17,000	14,000	13,000	1,000	S	2,000	2,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Chemical engineering	32,000	27,000	26,000	1,000	1,000	5,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	12,000	10,000	10,000	*	S	1,000	S	*
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S
White	18,000	14,000	13,000	*	S	4,000	2,000	1,000
Other	S	S	S	S	S	S	S	S
Civil/architectural engineering	100,000	90,000	82,000	8,000	1,000	8,000	8,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	21,000	18,000	17,000	1,000	S	2,000	1,000	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	6,000	6,000	5,000	S	S	S	S	S
White	70,000	62,000	56,000	6,000	S	6,000	6,000	S
Other	2,000	2,000	2,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Electrical/computer engineering	251,000	210,000	199,000	11,000	5,000	36,000	26,000	10,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	87,000	80,000	77,000	3,000	2,000	6,000	1,000	5,000
Black	6,000	5,000	5,000	S	S	S	S	S
Hispanic	7,000	7,000	7,000	S	S	S	S	S
White	147,000	116,000	109,000	7,000	2,000	29,000	24,000	5,000
Other	3,000	2,000	2,000	S	S	S	S	S
Industrial engineering	42,000	34,000	31,000	3,000	1,000	7,000	5,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	12,000	11,000	11,000	*	S	1,000	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	3,000	3,000	2,000	S	S	S	S	S
White	25,000	18,000	16,000	2,000	S	6,000	5,000	2,000
Other	S	S	S	S	S	S	S	S
Mechanical engineering	102,000	84,000	79,000	5,000	5,000	13,000	10,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	23,000	20,000	18,000	2,000	1,000	3,000	2,000	1,000
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	4,000	4,000	3,000	S	S	S	S	S
White	71,000	58,000	54,000	3,000	4,000	10,000	7,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Other engineering	131,000	112,000	101,000	11,000	3,000	16,000	9,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	27,000	23,000	20,000	3,000	1,000	3,000	1,000	2,000
Black	3,000	2,000	2,000	S	S	S	S	S
Hispanic	6,000	5,000	5,000	*	S	S	S	S
White	94,000	80,000	72,000	8,000	1,000	12,000	8,000	4,000
Other	2,000	2,000	2,000	S	S	S	S	S
S&E-related fields	1,193,000	1,012,000	802,000	210,000	19,000	162,000	94,000	67,000
American Indian/Alaska Native	4,000	3,000	3,000	S	S	S	S	S
Asian	86,000	78,000	64,000	13,000	3,000	5,000	2,000	3,000
Black	70,000	62,000	56,000	5,000	S	8,000	5,000	3,000
Hispanic	45,000	39,000	31,000	8,000	S	6,000	2,000	4,000
White	972,000	818,000	636,000	182,000	13,000	141,000	83,000	57,000
Other	15,000	13,000	12,000	2,000	S	S	S	S
Health	828,000	704,000	547,000	157,000	14,000	109,000	53,000	57,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	S	S	S
Asian	57,000	51,000	40,000	11,000	S	4,000	1,000	2,000
Black	48,000	42,000	39,000	4,000	S	5,000	3,000	2,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	31,000	27,000	21,000	6,000	S	4,000	S	2,000
White	678,000	572,000	437,000	135,000	10,000	96,000	46,000	50,000
Other	9,000	9,000	8,000	1,000	S	S	S	S
Science/mathematics teacher education	208,000	168,000	130,000	38,000	S	39,000	33,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	5,000	5,000	3,000	S	S	S	S	S
Black	15,000	12,000	12,000	1,000	S	2,000	S	S
Hispanic	7,000	6,000	4,000	S	S	S	S	S
White	177,000	142,000	109,000	33,000	S	34,000	30,000	3,000
Other	3,000	2,000	2,000	S	S	S	S	S
Technology/technical fields	58,000	50,000	47,000	3,000	1,000	7,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	16,000	15,000	14,000	S	S	1,000	S	1,000
Black	3,000	3,000	2,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	35,000	29,000	28,000	S	S	6,000	3,000	S
Other	S	S	S	S	S	S	S	S
Other S&E-related fields	99,000	90,000	77,000	13,000	S	7,000	5,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	7,000	7,000	S	S	S	S	S
Black	4,000	4,000	4,000	S	S	S	S	S
Hispanic	5,000	4,000	4,000	S	S	S	S	S
White	82,000	74,000	62,000	12,000	S	5,000	4,000	S
Other	S	S	S	S	S	S	S	S
Non-S&E fields	2,781,000	2,350,000	2,035,000	315,000	59,000	372,000	254,000	119,000
American Indian/Alaska Native	13,000	12,000	11,000	S	S	S	S	S
Asian	186,000	157,000	139,000	18,000	9,000	19,000	7,000	13,000
Black	204,000	177,000	158,000	19,000	4,000	22,000	20,000	2,000
Hispanic	138,000	125,000	113,000	12,000	2,000	12,000	6,000	6,000
White	2,206,000	1,850,000	1,591,000	259,000	43,000	313,000	218,000	95,000
Other	35,000	29,000	23,000	5,000	S	6,000	3,000	3,000
Arts/humanities	116,000	92,000	70,000	22,000	6,000	18,000	12,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	14,000	11,000	10,000	2,000	S	S	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	6,000	6,000	5,000	S	S	S	S	S
White	92,000	71,000	53,000	17,000	5,000	16,000	11,000	5,000
Other	1,000	1,000	S	S	S	S	S	S
Education, except science/mathematics teacher education	835,000	681,000	571,000	111,000	12,000	141,000	99,000	42,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	5,000	4,000	4,000	S	S	S	S	S
Asian	23,000	19,000	15,000	4,000	S	3,000	S	S
Black	72,000	57,000	46,000	11,000	2,000	13,000	12,000	S
Hispanic	42,000	36,000	32,000	5,000	S	5,000	3,000	2,000
White	684,000	557,000	468,000	89,000	9,000	118,000	80,000	38,000
Other	11,000	8,000	6,000	S	S	2,000	2,000	S
Management/administration	1,109,000	962,000	883,000	79,000	30,000	118,000	83,000	34,000
American Indian/Alaska Native	5,000	5,000	5,000	S	S	S	S	S
Asian	111,000	95,000	87,000	8,000	8,000	8,000	3,000	5,000
Black	64,000	58,000	55,000	3,000	S	5,000	5,000	S
Hispanic	54,000	51,000	48,000	3,000	1,000	2,000	S	1,000
White	862,000	741,000	677,000	63,000	20,000	101,000	74,000	27,000
Other	13,000	12,000	11,000	S	S	1,000	1,000	S
Sales/marketing	111,000	92,000	84,000	9,000	4,000	15,000	6,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	11,000	8,000	7,000	S	S	2,000	S	S
Black	5,000	5,000	4,000	S	S	S	S	S
Hispanic	7,000	5,000	5,000	S	S	S	S	S
White	88,000	74,000	67,000	7,000	S	11,000	5,000	6,000
Other	S	S	S	S	S	S	S	S
Social services/related	316,000	276,000	215,000	61,000	4,000	36,000	25,000	12,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	11,000	9,000	7,000	2,000	S	2,000	S	1,000
Black	34,000	31,000	27,000	3,000	S	3,000	2,000	S
Hispanic	18,000	17,000	15,000	2,000	S	S	S	S
White	249,000	215,000	162,000	53,000	3,000	30,000	21,000	9,000
Other	4,000	3,000	3,000	S	S	S	S	S
Other non-S&E fields	295,000	248,000	213,000	35,000	S	44,000	28,000	16,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	17,000	15,000	13,000	2,000	S	2,000	S	S
Black	26,000	25,000	24,000	S	S	2,000	S	S
Hispanic	12,000	9,000	9,000	S	S	3,000	S	S
White	231,000	192,000	163,000	29,000	S	36,000	26,000	10,000
Other	6,000	4,000	3,000	S	S	S	S	S
Doctorate degrees	1,018,000	883,000	787,000	96,000	14,000	121,000	103,000	18,000
American Indian/Alaska Native	2,000	2,000	2,000	*	S	*	*	S
Asian	165,000	152,000	145,000	7,000	3,000	10,000	7,000	3,000
Black	33,000	30,000	26,000	4,000	1,000	3,000	3,000	*
Hispanic	35,000	32,000	27,000	5,000	*	3,000	2,000	1,000
White	771,000	657,000	579,000	78,000	10,000	103,000	90,000	13,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	11,000	10,000	8,000	2,000	*	1,000	1,000	*
S&E fields	802,000	699,000	628,000	71,000	12,000	91,000	77,000	14,000
American Indian/Alaska Native	2,000	1,000	1,000	*	S	*	*	S
Asian	146,000	135,000	129,000	6,000	2,000	9,000	6,000	3,000
Black	21,000	19,000	17,000	2,000	*	1,000	1,000	*
Hispanic	24,000	21,000	19,000	2,000	*	2,000	2,000	1,000
White	602,000	515,000	455,000	60,000	10,000	78,000	68,000	9,000
Other	9,000	8,000	7,000	1,000	*	1,000	1,000	*
Sciences	659,000	573,000	510,000	62,000	11,000	76,000	64,000	11,000
American Indian/Alaska Native	1,000	1,000	1,000	*	S	*	*	S
Asian	98,000	90,000	85,000	4,000	1,000	6,000	4,000	2,000
Black	18,000	17,000	15,000	2,000	*	1,000	1,000	*
Hispanic	20,000	18,000	16,000	2,000	*	2,000	1,000	*
White	514,000	440,000	387,000	53,000	9,000	65,000	57,000	8,000
Other	7,000	7,000	6,000	1,000	*	1,000	*	*
Biological/agricultural/environmental life sciences	223,000	195,000	180,000	15,000	5,000	23,000	19,000	4,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	42,000	39,000	38,000	2,000	1,000	2,000	1,000	1,000
Black	5,000	5,000	4,000	*	S	*	*	S
Hispanic	7,000	7,000	6,000	*	*	*	*	*
White	165,000	141,000	129,000	12,000	4,000	20,000	17,000	3,000
Other	3,000	2,000	2,000	*	S	*	*	*
Agricultural/food sciences	22,000	19,000	18,000	1,000	*	3,000	3,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	*	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	17,000	14,000	13,000	1,000	*	3,000	3,000	*
Other	*	*	*	S	S	S	S	S
Biological sciences	193,000	169,000	156,000	13,000	5,000	19,000	16,000	4,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	38,000	35,000	34,000	1,000	1,000	2,000	1,000	1,000
Black	4,000	4,000	4,000	*	S	*	*	S
Hispanic	6,000	5,000	5,000	*	*	*	*	*
White	142,000	122,000	111,000	11,000	4,000	16,000	14,000	3,000
Other	2,000	2,000	2,000	*	S	*	S	*
Environmental life sciences	8,000	6,000	6,000	*	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	7,000	6,000	5,000	*	S	1,000	1,000	S
Other	S	S	S	S	S	S	S	S
Computer/mathematical sciences	57,000	52,000	48,000	4,000	*	5,000	5,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	13,000	13,000	12,000	1,000	S	1,000	*	S
Black	1,000	1,000	1,000	*	S	S	S	S
Hispanic	2,000	1,000	1,000	*	S	S	S	S
White	41,000	36,000	34,000	3,000	*	4,000	4,000	*
Other	*	*	*	S	S	S	S	S
Computer/information sciences	20,000	19,000	18,000	1,000	*	1,000	*	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	6,000	6,000	*	S	*	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	1,000	*	*	S	S	S	S	S
White	12,000	12,000	12,000	1,000	S	*	*	S
Other	*	*	*	S	S	S	S	S
Mathematical sciences	37,000	33,000	30,000	3,000	*	4,000	4,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	6,000	6,000	1,000	S	*	*	S
Black	1,000	1,000	1,000	*	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	28,000	24,000	22,000	2,000	*	4,000	4,000	*
Other	*	*	*	S	S	S	S	S
Physical/related sciences	164,000	137,000	128,000	9,000	3,000	23,000	21,000	3,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	30,000	27,000	26,000	1,000	*	2,000	2,000	1,000
Black	2,000	2,000	2,000	*	S	*	S	S
Hispanic	4,000	3,000	3,000	*	S	1,000	1,000	S
White	126,000	103,000	96,000	8,000	3,000	20,000	18,000	2,000
Other	2,000	1,000	1,000	S	S	S	S	S
Chemistry, except biochemistry	86,000	71,000	66,000	5,000	2,000	13,000	12,000	1,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	18,000	16,000	15,000	1,000	*	1,000	1,000	*
Black	1,000	1,000	1,000	*	S	S	S	S
Hispanic	2,000	2,000	1,000	*	S	*	*	S
White	63,000	51,000	47,000	4,000	2,000	11,000	10,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Earth/atmospheric/ocean sciences	21,000	18,000	16,000	1,000	*	3,000	3,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	*	S	*	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	18,000	15,000	14,000	1,000	*	3,000	3,000	*
Other	*	*	*	S	S	S	S	S
Physics/astronomy	54,000	47,000	43,000	3,000	1,000	7,000	6,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	10,000	9,000	8,000	*	S	1,000	*	1,000
Black	1,000	1,000	*	*	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	42,000	36,000	33,000	2,000	1,000	6,000	5,000	*
Other	*	*	*	S	S	S	S	S
Other physical sciences	3,000	3,000	2,000	*	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	*	*	*	S	S	S	S	S
Black	*	S	S	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	2,000	2,000	2,000	*	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social/related sciences	214,000	188,000	154,000	34,000	2,000	24,000	19,000	4,000
American Indian/Alaska Native	1,000	1,000	1,000	*	S	S	S	S
Asian	12,000	11,000	10,000	1,000	*	1,000	1,000	1,000
Black	10,000	9,000	8,000	1,000	*	1,000	1,000	*
Hispanic	8,000	7,000	6,000	1,000	S	1,000	*	*
White	181,000	159,000	129,000	30,000	1,000	21,000	18,000	3,000
Other	3,000	2,000	2,000	1,000	S	*	*	S
Economics	27,000	23,000	21,000	2,000	*	4,000	3,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	4,000	3,000	3,000	*	S	1,000	*	S
Black	1,000	1,000	1,000	*	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	21,000	18,000	16,000	2,000	*	3,000	3,000	*
Other	*	*	*	S	S	S	S	S
Political/related sciences	23,000	19,000	17,000	2,000	*	3,000	3,000	1,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	*	*	S
Black	2,000	1,000	1,000	*	S	*	*	S
Hispanic	1,000	*	*	*	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	19,000	16,000	14,000	2,000	S	3,000	2,000	1,000
Other	*	*	*	S	S	S	S	S
Psychology	114,000	102,000	78,000	24,000	1,000	11,000	8,000	2,000
American Indian/Alaska Native	*	*	*	*	S	S	S	S
Asian	4,000	3,000	3,000	*	S	*	S	*
Black	5,000	4,000	4,000	1,000	S	*	*	S
Hispanic	4,000	4,000	3,000	1,000	S	*	S	*
White	100,000	89,000	68,000	21,000	1,000	10,000	8,000	2,000
Other	1,000	1,000	1,000	*	S	*	S	S
Sociology/anthropology	30,000	27,000	23,000	4,000	*	3,000	3,000	*
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	*	S	S
Black	2,000	2,000	1,000	*	S	*	*	S
Hispanic	1,000	1,000	1,000	*	S	*	S	S
White	25,000	22,000	19,000	3,000	*	3,000	3,000	*
Other	1,000	1,000	*	*	S	S	S	S
Other social sciences	20,000	17,000	15,000	2,000	*	3,000	2,000	*
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	2,000	2,000	2,000	*	S	*	S	S
Black	1,000	1,000	1,000	*	S	*	*	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	16,000	14,000	12,000	2,000	S	2,000	2,000	*
Other	*	*	*	S	S	S	S	S
Engineering	144,000	127,000	118,000	9,000	2,000	15,000	13,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	48,000	45,000	43,000	1,000	1,000	3,000	2,000	1,000
Black	3,000	3,000	2,000	*	S	S	S	S
Hispanic	3,000	3,000	3,000	*	S	*	*	S
White	88,000	75,000	68,000	7,000	1,000	12,000	11,000	1,000
Other	1,000	1,000	1,000	*	S	S	S	S
Aerospace/related engineering	7,000	6,000	5,000	1,000	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	5,000	4,000	3,000	1,000	S	1,000	1,000	S
Other	S	S	S	S	S	S	S	S
Chemical engineering	21,000	17,000	16,000	1,000	1,000	2,000	2,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	7,000	6,000	6,000	*	S	1,000	*	S
Black	*	*	*	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	12,000	10,000	9,000	1,000	*	2,000	2,000	S
Other	*	*	*	S	S	S	S	S
Civil/architectural engineering	12,000	11,000	10,000	1,000	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	S	S	*	*	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	8,000	7,000	6,000	1,000	S	1,000	1,000	S
Other	S	S	S	S	S	S	S	S
Electrical/computer engineering	41,000	37,000	34,000	2,000	*	4,000	3,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	16,000	15,000	15,000	1,000	S	1,000	*	*
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	23,000	20,000	18,000	2,000	*	3,000	3,000	*
Other	*	*	*	S	S	S	S	S
Industrial engineering	4,000	3,000	3,000	*	S	*	*	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	2,000	2,000	2,000	*	S	*	*	S
Other	S	S	S	S	S	S	S	S
Mechanical engineering	19,000	17,000	16,000	1,000	*	1,000	1,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	6,000	6,000	*	S	*	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	11,000	10,000	9,000	1,000	*	1,000	1,000	S
Other	*	*	*	S	S	S	S	S
Other engineering	41,000	35,000	33,000	2,000	1,000	5,000	4,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	12,000	11,000	11,000	*	*	1,000	1,000	*
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	27,000	23,000	21,000	2,000	*	4,000	3,000	1,000
Other	*	*	*	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
S&E-related fields	65,000	57,000	49,000	7,000	*	8,000	8,000	1,000
American Indian/Alaska Native	*	*	S	S	S	S	S	S
Asian	11,000	10,000	9,000	*	S	1,000	1,000	S
Black	3,000	3,000	2,000	1,000	S	*	S	S
Hispanic	3,000	3,000	2,000	1,000	S	*	S	S
White	46,000	39,000	34,000	5,000	*	7,000	6,000	1,000
Other	1,000	1,000	*	S	S	S	S	S
Health	45,000	41,000	36,000	6,000	*	3,000	3,000	1,000
American Indian/Alaska Native	*	*	S	S	S	S	S	S
Asian	8,000	8,000	8,000	*	S	1,000	1,000	S
Black	3,000	3,000	2,000	1,000	S	S	S	S
Hispanic	3,000	3,000	2,000	1,000	S	*	S	S
White	30,000	27,000	23,000	4,000	*	3,000	2,000	1,000
Other	*	*	*	S	S	S	S	S
Science/mathematics teacher education	11,000	8,000	7,000	1,000	S	4,000	4,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	10,000	7,000	6,000	S	S	3,000	3,000	S
Other	S	S	S	S	S	S	S	S
Technology/technical fields	5,000	3,000	3,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	3,000	2,000	2,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Other S&E-related fields	4,000	4,000	4,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	4,000	4,000	4,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Non-S&E fields	150,000	127,000	110,000	18,000	S	22,000	19,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	9,000	8,000	7,000	S	S	S	S	S
Black	9,000	7,000	6,000	S	S	2,000	2,000	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	8,000	7,000	6,000	S	S	S	S	S
White	122,000	103,000	90,000	13,000	S	19,000	16,000	3,000
Other	2,000	2,000	1,000	S	S	S	S	S
Arts/humanities	20,000	18,000	15,000	3,000	S	2,000	2,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	2,000	2,000	S	S	S	S	S	S
White	17,000	15,000	14,000	2,000	S	1,000	1,000	S
Other	S	S	S	S	S	S	S	S
Education, except science/mathematics teacher education	69,000	57,000	51,000	6,000	S	12,000	11,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	5,000	4,000	4,000	S	S	1,000	1,000	S
Hispanic	4,000	4,000	4,000	S	S	S	S	S
White	58,000	47,000	42,000	6,000	S	10,000	10,000	S
Other	1,000	1,000	S	S	S	S	S	S
Management/administration	16,000	15,000	13,000	2,000	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	5,000	5,000	4,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	10,000	9,000	9,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Sales/marketing	2,000	2,000	1,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social services/related	21,000	19,000	16,000	3,000	S	2,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	18,000	16,000	13,000	3,000	S	S	S	S
Other	S	S	S	S	S	S	S	S
Other non-S&E fields	22,000	17,000	14,000	3,000	S	6,000	4,000	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2006

Level and field of highest degree, and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	2,000	S	S	S	S	S	S	S
White	19,000	14,000	12,000	2,000	S	5,000	3,000	S
Other	S	S	S	S	S	S	S	S

* = estimate < 500; S = 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 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. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
All degree levels and fields[a]	22,630,000	18,927,000	16,051,000	2,876,000	485,000	3,218,000	1,823,000	1,395,000
<30	2,732,000	2,366,000	2,008,000	358,000	79,000	287,000	S	286,000
30–39	5,302,000	4,764,000	4,147,000	618,000	99,000	438,000	9,000	429,000
40–49	5,849,000	5,345,000	4,614,000	731,000	115,000	388,000	28,000	360,000
50–59	5,400,000	4,773,000	4,127,000	646,000	112,000	515,000	277,000	238,000
60+	3,348,000	1,678,000	1,155,000	523,000	80,000	1,590,000	1,508,000	82,000
S&E fields	12,436,000	10,156,000	8,789,000	1,367,000	329,000	1,951,000	1,041,000	909,000
<30	2,127,000	1,811,000	1,525,000	285,000	68,000	249,000	S	249,000
30–39	2,910,000	2,566,000	2,307,000	260,000	68,000	276,000	6,000	270,000
40–49	2,985,000	2,696,000	2,395,000	302,000	72,000	217,000	14,000	203,000
50–59	2,601,000	2,243,000	1,979,000	264,000	71,000	286,000	149,000	137,000
60+	1,812,000	839,000	583,000	256,000	50,000	923,000	872,000	50,000
Sciences	9,537,000	7,719,000	6,520,000	1,199,000	272,000	1,547,000	729,000	817,000
<30	1,776,000	1,487,000	1,227,000	260,000	61,000	227,000	S	227,000
30–39	2,246,000	1,936,000	1,702,000	234,000	57,000	253,000	6,000	247,000
40–49	2,168,000	1,926,000	1,659,000	267,000	59,000	183,000	12,000	172,000
50–59	2,075,000	1,766,000	1,525,000	241,000	60,000	250,000	122,000	127,000
60+	1,272,000	604,000	406,000	198,000	35,000	633,000	589,000	44,000
Biological/agricultural/environmental life sciences	1,933,000	1,555,000	1,332,000	223,000	50,000	327,000	132,000	195,000
<30	392,000	283,000	226,000	58,000	13,000	96,000	S	96,000
30–39	441,000	385,000	341,000	44,000	14,000	42,000	*	42,000
40–49	442,000	402,000	360,000	42,000	9,000	31,000	*	30,000
50–59	414,000	370,000	323,000	47,000	10,000	34,000	13,000	21,000
60+	244,000	115,000	83,000	32,000	5,000	125,000	118,000	7,000
Computer/mathematical sciences	1,864,000	1,586,000	1,425,000	161,000	60,000	219,000	110,000	109,000
<30	308,000	282,000	256,000	25,000	11,000	16,000	S	16,000
30–39	494,000	445,000	411,000	33,000	15,000	35,000	S	34,000
40–49	556,000	505,000	455,000	50,000	19,000	32,000	2,000	30,000
50–59	330,000	275,000	247,000	28,000	10,000	45,000	24,000	21,000
60+	177,000	79,000	56,000	24,000	6,000	92,000	84,000	8,000
Physical/related sciences	859,000	688,000	613,000	75,000	23,000	148,000	102,000	45,000
<30	97,000	82,000	69,000	13,000	3,000	12,000	S	12,000
30–39	154,000	140,000	131,000	9,000	3,000	12,000	*	11,000
40–49	220,000	206,000	190,000	16,000	4,000	10,000	1,000	9,000
50–59	203,000	177,000	161,000	16,000	8,000	18,000	9,000	9,000
60+	185,000	83,000	63,000	21,000	6,000	96,000	92,000	4,000
Social/related sciences	4,880,000	3,890,000	3,149,000	741,000	138,000	853,000	385,000	468,000
<30	979,000	840,000	676,000	165,000	34,000	104,000	S	104,000
30–39	1,157,000	966,000	819,000	147,000	26,000	165,000	5,000	160,000

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
40–49	950,000	813,000	655,000	158,000	27,000	111,000	9,000	102,000
50–59	1,128,000	944,000	794,000	150,000	32,000	153,000	76,000	76,000
60+	666,000	326,000	205,000	121,000	19,000	320,000	296,000	25,000
Engineering	2,899,000	2,437,000	2,269,000	168,000	57,000	404,000	312,000	92,000
<30	351,000	324,000	299,000	25,000	7,000	21,000	S	21,000
30–39	664,000	630,000	604,000	26,000	11,000	23,000	1,000	22,000
40–49	817,000	770,000	735,000	35,000	13,000	34,000	2,000	32,000
50–59	526,000	478,000	454,000	24,000	12,000	36,000	27,000	10,000
60+	540,000	235,000	176,000	59,000	15,000	290,000	283,000	7,000
S&E-related fields	5,389,000	4,587,000	3,617,000	970,000	64,000	737,000	424,000	314,000
<30	390,000	356,000	297,000	59,000	4,000	31,000	S	31,000
30–39	1,257,000	1,145,000	908,000	237,000	13,000	99,000	S	97,000
40–49	1,546,000	1,418,000	1,111,000	308,000	19,000	109,000	11,000	98,000
50–59	1,394,000	1,252,000	1,024,000	228,000	17,000	125,000	58,000	67,000
60+	802,000	416,000	277,000	139,000	12,000	374,000	353,000	21,000
Non-S&E fields	4,805,000	4,184,000	3,645,000	539,000	91,000	530,000	358,000	172,000
<30	215,000	200,000	186,000	14,000	8,000	7,000	S	7,000
30–39	1,134,000	1,053,000	932,000	121,000	18,000	63,000	S	62,000
40–49	1,318,000	1,231,000	1,109,000	122,000	24,000	63,000	4,000	59,000
50–59	1,405,000	1,277,000	1,123,000	154,000	24,000	104,000	70,000	34,000
60+	734,000	423,000	295,000	128,000	18,000	293,000	283,000	10,000
Bachelor's degrees	13,228,000	10,886,000	9,193,000	1,692,000	322,000	2,020,000	992,000	1,029,000
<30	2,140,000	1,820,000	1,523,000	297,000	67,000	253,000	S	253,000
30–39	3,174,000	2,798,000	2,425,000	373,000	63,000	314,000	6,000	308,000
40–49	3,397,000	3,065,000	2,598,000	466,000	73,000	260,000	18,000	242,000
50–59	2,878,000	2,474,000	2,137,000	338,000	74,000	330,000	156,000	174,000
60+	1,639,000	729,000	511,000	218,000	45,000	864,000	812,000	52,000
S&E fields	9,173,000	7,415,000	6,412,000	1,004,000	264,000	1,493,000	717,000	777,000
<30	1,878,000	1,587,000	1,332,000	255,000	62,000	229,000	S	229,000
30–39	2,190,000	1,908,000	1,715,000	193,000	54,000	228,000	3,000	225,000
40–49	2,151,000	1,917,000	1,690,000	227,000	54,000	180,000	9,000	171,000
50–59	1,807,000	1,520,000	1,339,000	181,000	58,000	228,000	112,000	116,000
60+	1,148,000	484,000	336,000	148,000	36,000	628,000	592,000	36,000
Sciences	7,098,000	5,680,000	4,795,000	885,000	224,000	1,194,000	482,000	712,000
<30	1,608,000	1,336,000	1,099,000	237,000	58,000	215,000	S	215,000
30–39	1,719,000	1,460,000	1,285,000	174,000	46,000	213,000	3,000	210,000
40–49	1,565,000	1,369,000	1,167,000	202,000	44,000	153,000	8,000	145,000
50–59	1,439,000	1,190,000	1,023,000	167,000	49,000	200,000	91,000	108,000
60+	766,000	326,000	221,000	105,000	27,000	413,000	380,000	33,000

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Biological/agricultural/environmental life sciences	1,448,000	1,151,000	972,000	178,000	41,000	256,000	80,000	176,000
<30	365,000	261,000	205,000	55,000	12,000	92,000	S	92,000
30–39	327,000	281,000	248,000	33,000	10,000	36,000	S	36,000
40–49	314,000	281,000	248,000	33,000	8,000	26,000	S	25,000
50–59	296,000	263,000	225,000	37,000	8,000	26,000	8,000	18,000
60+	146,000	66,000	46,000	20,000	3,000	77,000	72,000	5,000
Computer/mathematical sciences	1,327,000	1,123,000	1,007,000	115,000	45,000	159,000	71,000	88,000
<30	261,000	238,000	218,000	20,000	10,000	13,000	S	13,000
30–39	352,000	317,000	295,000	22,000	10,000	25,000	S	25,000
40–49	395,000	355,000	315,000	40,000	13,000	27,000	S	26,000
50–59	210,000	168,000	149,000	19,000	8,000	34,000	16,000	18,000
60+	108,000	44,000	30,000	14,000	3,000	60,000	54,000	6,000
Physical/related sciences	538,000	419,000	375,000	44,000	17,000	102,000	66,000	35,000
<30	81,000	68,000	57,000	11,000	3,000	10,000	S	10,000
30–39	96,000	86,000	80,000	6,000	2,000	8,000	S	7,000
40–49	135,000	126,000	115,000	11,000	1,000	7,000	S	7,000
50–59	125,000	102,000	95,000	8,000	7,000	15,000	8,000	7,000
60+	101,000	36,000	28,000	8,000	4,000	61,000	58,000	S
Social/related sciences	3,786,000	2,988,000	2,441,000	547,000	121,000	677,000	265,000	412,000
<30	901,000	769,000	619,000	150,000	33,000	99,000	S	99,000
30–39	944,000	775,000	662,000	113,000	23,000	145,000	S	142,000
40–49	722,000	606,000	489,000	118,000	22,000	93,000	7,000	87,000
50–59	809,000	657,000	555,000	102,000	26,000	125,000	60,000	65,000
60+	411,000	180,000	116,000	64,000	17,000	214,000	196,000	19,000
Engineering	2,075,000	1,735,000	1,617,000	119,000	40,000	300,000	234,000	65,000
<30	270,000	251,000	233,000	18,000	5,000	14,000	S	14,000
30–39	471,000	448,000	430,000	18,000	8,000	15,000	S	14,000
40–49	586,000	548,000	523,000	25,000	10,000	27,000	1,000	26,000
50–59	368,000	330,000	316,000	15,000	9,000	28,000	20,000	8,000
60+	382,000	158,000	116,000	42,000	9,000	215,000	213,000	3,000
S&E-related fields	2,890,000	2,399,000	1,841,000	557,000	37,000	455,000	234,000	221,000
<30	234,000	207,000	168,000	40,000	3,000	24,000	S	24,000
30–39	678,000	598,000	457,000	141,000	7,000	73,000	S	72,000
40–49	871,000	789,000	585,000	203,000	13,000	70,000	7,000	62,000
50–59	725,000	634,000	515,000	119,000	8,000	82,000	33,000	49,000
60+	382,000	170,000	116,000	54,000	6,000	206,000	192,000	14,000
Non-S&E fields	1,165,000	1,071,000	940,000	131,000	21,000	72,000	41,000	30,000
<30	28,000	26,000	24,000	S	S	S	S	S
30–39	307,000	292,000	253,000	39,000	2,000	12,000	S	11,000

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
40–49	375,000	359,000	323,000	36,000	6,000	10,000	S	8,000
50–59	347,000	319,000	282,000	37,000	7,000	20,000	11,000	9,000
60+	108,000	75,000	59,000	16,000	4,000	29,000	27,000	S
Master's degrees	6,411,000	5,384,000	4,574,000	810,000	129,000	898,000	594,000	305,000
<30	455,000	417,000	362,000	55,000	8,000	29,000	S	29,000
30–39	1,486,000	1,350,000	1,176,000	173,000	29,000	107,000	S	105,000
40–49	1,652,000	1,510,000	1,340,000	171,000	37,000	104,000	8,000	96,000
50–59	1,713,000	1,543,000	1,332,000	212,000	26,000	144,000	91,000	52,000
60+	1,105,000	563,000	364,000	199,000	28,000	514,000	493,000	22,000
S&E fields	2,438,000	2,022,000	1,737,000	285,000	51,000	364,000	246,000	118,000
<30	231,000	206,000	177,000	30,000	5,000	19,000	S	19,000
30–39	554,000	501,000	444,000	56,000	11,000	43,000	S	41,000
40–49	611,000	565,000	506,000	59,000	15,000	31,000	3,000	28,000
50–59	582,000	524,000	461,000	63,000	9,000	49,000	31,000	18,000
60+	460,000	227,000	149,000	78,000	12,000	221,000	209,000	12,000
Sciences	1,758,000	1,447,000	1,203,000	244,000	36,000	275,000	181,000	94,000
<30	153,000	138,000	115,000	23,000	3,000	12,000	S	12,000
30–39	393,000	350,000	300,000	50,000	8,000	36,000	S	34,000
40–49	422,000	384,000	334,000	51,000	12,000	26,000	3,000	23,000
50–59	452,000	404,000	349,000	55,000	7,000	42,000	26,000	16,000
60+	337,000	171,000	105,000	67,000	6,000	159,000	151,000	9,000
Biological/agricultural/environmental life sciences	263,000	210,000	180,000	30,000	5,000	48,000	33,000	15,000
<30	22,000	18,000	16,000	2,000	1,000	3,000	S	3,000
30–39	62,000	57,000	48,000	9,000	1,000	4,000	S	4,000
40–49	63,000	58,000	52,000	7,000	*	4,000	S	4,000
50–59	63,000	55,000	50,000	5,000	1,000	6,000	4,000	2,000
60+	53,000	22,000	15,000	7,000	S	30,000	28,000	S
Computer/mathematical sciences	481,000	411,000	370,000	41,000	15,000	55,000	34,000	20,000
<30	44,000	41,000	36,000	5,000	1,000	2,000	S	2,000
30–39	127,000	113,000	103,000	10,000	4,000	10,000	S	10,000
40–49	145,000	135,000	125,000	10,000	6,000	5,000	S	4,000
50–59	108,000	96,000	87,000	8,000	2,000	11,000	8,000	3,000
60+	55,000	26,000	18,000	8,000	2,000	27,000	26,000	S
Physical/related sciences	157,000	132,000	110,000	21,000	3,000	23,000	16,000	7,000
<30	12,000	11,000	9,000	2,000	S	2,000	S	2,000
30–39	28,000	24,000	22,000	2,000	S	4,000	S	4,000
40–49	39,000	37,000	33,000	3,000	S	1,000	S	1,000
50–59	41,000	39,000	33,000	6,000	S	1,000	S	S
60+	37,000	21,000	12,000	8,000	1,000	15,000	15,000	S

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Social/related sciences	858,000	694,000	543,000	151,000	14,000	150,000	99,000	51,000
<30	74,000	68,000	54,000	14,000	1,000	5,000	S	5,000
30–39	176,000	155,000	127,000	28,000	3,000	18,000	S	16,000
40–49	175,000	154,000	124,000	31,000	4,000	16,000	S	14,000
50–59	241,000	214,000	179,000	35,000	3,000	23,000	13,000	10,000
60+	192,000	102,000	59,000	44,000	2,000	87,000	82,000	5,000
Engineering	679,000	575,000	534,000	41,000	15,000	89,000	64,000	25,000
<30	77,000	69,000	62,000	7,000	2,000	7,000	S	7,000
30–39	161,000	151,000	144,000	7,000	3,000	8,000	S	8,000
40–49	189,000	181,000	172,000	8,000	3,000	5,000	S	5,000
50–59	129,000	120,000	112,000	8,000	2,000	8,000	6,000	2,000
60+	123,000	55,000	44,000	11,000	6,000	62,000	59,000	3,000
S&E-related fields	1,193,000	1,012,000	802,000	210,000	19,000	162,000	94,000	67,000
<30	97,000	91,000	76,000	15,000	1,000	5,000	S	5,000
30–39	293,000	270,000	220,000	50,000	4,000	20,000	S	20,000
40–49	312,000	279,000	227,000	52,000	5,000	28,000	S	26,000
50–59	319,000	286,000	231,000	55,000	6,000	28,000	17,000	11,000
60+	171,000	87,000	48,000	39,000	3,000	81,000	76,000	5,000
Non-S&E fields	2,781,000	2,350,000	2,035,000	315,000	59,000	372,000	254,000	119,000
<30	127,000	120,000	109,000	11,000	3,000	5,000	S	5,000
30–39	638,000	579,000	513,000	67,000	15,000	44,000	S	44,000
40–49	728,000	667,000	607,000	60,000	17,000	44,000	S	42,000
50–59	812,000	734,000	640,000	94,000	11,000	67,000	43,000	24,000
60+	475,000	250,000	167,000	83,000	13,000	212,000	208,000	4,000
Doctorate degrees	1,018,000	883,000	787,000	96,000	14,000	121,000	103,000	18,000
<30	21,000	21,000	20,000	1,000	*	*	S	*
30–39	194,000	185,000	173,000	12,000	4,000	5,000	1,000	4,000
40–49	263,000	253,000	236,000	17,000	3,000	8,000	1,000	7,000
50–59	278,000	260,000	234,000	26,000	4,000	14,000	11,000	3,000
60+	261,000	165,000	124,000	41,000	3,000	94,000	90,000	3,000
S&E fields	802,000	699,000	628,000	71,000	12,000	91,000	77,000	14,000
<30	18,000	18,000	17,000	1000	*	*	S	*
30–39	165,000	157,000	147,000	10,000	4,000	5,000	1,000	4,000
40–49	218,000	210,000	196,000	14,000	3,000	5,000	1,000	4,000
50–59	202,000	191,000	173,000	18,000	3,000	8,000	5,000	3,000
60+	200,000	124,000	96,000	29,000	3,000	73,000	70,000	2,000
Sciences	659,000	573,000	510,000	62,000	11,000	76,000	64,000	11,000
<30	14,000	13,000	13,000	1,000	S	*	S	*
30–39	132,000	125,000	116,000	9,000	3,000	4,000	1,000	3,000

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
40–49	175,000	168,000	156,000	12,000	2,000	5,000	1,000	4,000
50–59	173,000	164,000	146,000	17,000	2,000	7,000	4,000	3,000
60+	165,000	102,000	79,000	23,000	2,000	60,000	58,000	2,000
Biological/agricultural/environmental life sciences	223,000	195,000	180,000	15,000	5,000	23,000	19,000	4,000
<30	5,000	5,000	5,000	S	S	S	S	S
30–39	52,000	48,000	45,000	2,000	2,000	2,000	*	1,000
40–49	65,000	63,000	60,000	3,000	1,000	1,000	*	1,000
50–59	55,000	53,000	49,000	4,000	1,000	2,000	1,000	1,000
60+	46,000	27,000	22,000	5,000	1,000	18,000	17,000	*
Computer/mathematical sciences	57,000	52,000	48,000	4,000	*	5,000	5,000	*
<30	3,000	3,000	3,000	S	S	S	S	S
30–39	14,000	14,000	13,000	1,000	S	*	S	*
40–49	16,000	15,000	14,000	1,000	S	*	*	*
50–59	12,000	12,000	11,000	1,000	S	*	*	S
60+	13,000	9,000	7,000	1,000	*	4,000	4,000	S
Physical/related sciences	164,000	137,000	128,000	9,000	3,000	23,000	21,000	3,000
<30	3,000	3,000	3,000	S	S	S	S	S
30–39	30,000	29,000	29,000	1,000	*	1,000	*	*
40–49	46,000	43,000	42,000	2,000	1,000	2,000	*	1,000
50–59	37,000	35,000	33,000	2,000	1,000	1,000	1,000	*
60+	48,000	27,000	22,000	5,000	1,000	20,000	19,000	1,000
Social/related sciences	214,000	188,000	154,000	34,000	2,000	24,000	19,000	4,000
<30	3,000	3,000	2,000	1,000	S	S	S	S
30–39	36,000	34,000	29,000	5,000	*	1,000	*	1,000
40–49	48,000	47,000	40,000	7,000	*	1,000	*	1,000
50–59	68,000	64,000	54,000	10,000	1,000	3,000	2,000	1,000
60+	59,000	40,000	29,000	11,000	1,000	18,000	17,000	1,000
Engineering	144,000	127,000	118,000	9,000	2,000	15,000	13,000	2,000
<30	4,000	4,000	4,000	S	S	S	S	S
30–39	32,000	31,000	31,000	1,000	*	1,000	*	*
40–49	43,000	41,000	40,000	1,000	*	1,000	*	1,000
50–59	29,000	28,000	27,000	1,000	1,000	1,000	1,000	*
60+	35,000	22,000	16,000	6,000	1,000	13,000	12,000	1,000
S&E-related fields	65,000	57,000	49,000	7,000	*	8,000	8,000	1,000
<30	2,000	2,000	2,000	S	S	S	S	S
30–39	11,000	10,000	9,000	1,000	S	*	S	*
40–49	16,000	16,000	15,000	1,000	S	*	S	*
50–59	23,000	21,000	18,000	3,000	*	2,000	1,000	*
60+	14,000	8,000	5,000	2,000	S	6,000	6,000	*

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Non-S&E fields	150,000	127,000	110,000	18,000	S	22,000	19,000	3,000
<30	1,000	1,000	1,000	S	S	S	S	S
30–39	18,000	18,000	17,000	S	S	S	S	S
40–49	30,000	28,000	25,000	2,000	S	S	S	S
50–59	53,000	48,000	43,000	5,000	S	4,000	4,000	S
60+	48,000	33,000	23,000	10,000	S	15,000	14,000	S

* = value < 500; S = 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. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
All degree levels and fields[b]	22,630,000	98,000	2,253,000	1,257,000	1,193,000	17,421,000	408,000
Male	12,400,000	48,000	1,260,000	519,000	605,000	9,751,000	216,000
Female	10,230,000	50,000	993,000	738,000	588,000	7,670,000	191,000
S&E fields	12,436,000	51,000	1,463,000	646,000	686,000	9,338,000	251,000
Male	7,521,000	27,000	900,000	296,000	368,000	5,782,000	147,000
Female	4,915,000	24,000	564,000	350,000	318,000	3,556,000	104,000
Sciences	9,537,000	44,000	968,000	562,000	530,000	7,234,000	200,000
Male	4,996,000	21,000	491,000	232,000	239,000	3,909,000	104,000
Female	4,541,000	22,000	477,000	330,000	291,000	3,325,000	96,000
Biological/agricultural/environmental life sciences	1,933,000	9,000	204,000	78,000	104,000	1,499,000	39,000
Male	1,014,000	6,000	91,000	26,000	48,000	822,000	22,000
Female	919,000	3,000	113,000	52,000	56,000	677,000	18,000
Agricultural/food sciences	312,000	2,000	20,000	6,000	12,000	265,000	8,000
Male	197,000	S	13,000	4,000	7,000	167,000	5,000
Female	114,000	S	7,000	2,000	5,000	97,000	3,000
Biological sciences	1,429,000	5,000	177,000	70,000	87,000	1,062,000	28,000
Male	686,000	3,000	75,000	21,000	37,000	536,000	13,000
Female	743,000	2,000	102,000	49,000	50,000	526,000	14,000
Environmental life sciences	192,000	2,000	7,000	2,000	5,000	173,000	4,000
Male	130,000	1,000	3,000	1,000	4,000	119,000	3,000
Female	62,000	1,000	4,000	1,000	1,000	54,000	1,000
Computer/mathematical sciences	1,864,000	9,000	362,000	111,000	83,000	1,267,000	33,000
Male	1,230,000	6,000	222,000	60,000	56,000	860,000	26,000
Female	635,000	3,000	140,000	51,000	27,000	407,000	8,000
Computer/information sciences	1,235,000	8,000	288,000	82,000	66,000	766,000	24,000
Male	855,000	6,000	184,000	44,000	44,000	558,000	19,000
Female	380,000	3,000	104,000	38,000	22,000	208,000	6,000
Mathematical sciences	630,000	1,000	74,000	29,000	17,000	501,000	9,000
Male	374,000	S	38,000	16,000	11,000	302,000	7,000
Female	255,000	S	36,000	13,000	5,000	199,000	2,000
Physical/related sciences	859,000	3,000	112,000	24,000	37,000	671,000	12,000
Male	619,000	2,000	70,000	14,000	22,000	503,000	7,000
Female	241,000	1,000	43,000	9,000	14,000	168,000	5,000
Chemistry, except biochemistry	407,000	2,000	67,000	14,000	20,000	299,000	6,000
Male	264,000	*	38,000	8,000	12,000	202,000	4,000
Female	143,000	1,000	29,000	7,000	8,000	97,000	2,000
Earth/atmospheric/ocean sciences	209,000	1,000	8,000	1,000	6,000	190,000	3,000
Male	164,000	*	6,000	1,000	4,000	150,000	2,000
Female	45,000	*	3,000	*	2,000	40,000	1,000
Physics/astronomy	192,000	1,000	35,000	4,000	7,000	143,000	2,000
Male	162,000	1,000	25,000	3,000	5,000	127,000	2,000
Female	29,000	S	10,000	1,000	1,000	17,000	*
Other physical sciences	51,000	S	2,000	4,000	4,000	39,000	2,000
Male	29,000	S	1,000	3,000	1,000	24,000	S
Female	23,000	S	1,000	2,000	3,000	14,000	S
Social/related sciences	4,880,000	23,000	290,000	350,000	307,000	3,796,000	116,000
Male	2,134,000	8,000	108,000	132,000	112,000	1,724,000	49,000
Female	2,746,000	15,000	181,000	218,000	194,000	2,072,000	66,000

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Economics	712,000	*	103,000	27,000	34,000	536,000	11,000
Male	501,000	S	48,000	21,000	21,000	403,000	8,000
Female	211,000	S	56,000	6,000	13,000	133,000	3,000
Political/related sciences	867,000	3,000	51,000	65,000	50,000	676,000	23,000
Male	512,000	1,000	23,000	30,000	27,000	418,000	14,000
Female	355,000	2,000	28,000	35,000	23,000	258,000	8,000
Psychology	1,813,000	9,000	67,000	129,000	124,000	1,439,000	45,000
Male	533,000	3,000	18,000	35,000	31,000	433,000	12,000
Female	1,281,000	5,000	49,000	94,000	94,000	1,006,000	33,000
Sociology/anthropology	969,000	6,000	35,000	89,000	56,000	754,000	27,000
Male	348,000	1,000	11,000	31,000	21,000	272,000	11,000
Female	621,000	5,000	24,000	58,000	35,000	482,000	16,000
Other social sciences	519,000	5,000	33,000	40,000	42,000	391,000	10,000
Male	241,000	2,000	9,000	16,000	13,000	197,000	4,000
Female	278,000	2,000	24,000	24,000	29,000	193,000	5,000
Engineering	2,899,000	7,000	496,000	84,000	156,000	2,104,000	51,000
Male	2,525,000	6,000	409,000	65,000	129,000	1,873,000	43,000
Female	374,000	1,000	87,000	20,000	26,000	231,000	8,000
Aerospace/related engineering	98,000	1,000	7,000	2,000	5,000	80,000	3,000
Male	90,000	S	7,000	2,000	5,000	73,000	3,000
Female	8,000	S	1,000	*	*	7,000	*
Chemical engineering	203,000	2,000	36,000	6,000	9,000	147,000	3,000
Male	157,000	2,000	27,000	3,000	6,000	118,000	1,000
Female	46,000	S	9,000	2,000	4,000	29,000	2,000
Civil/architectural engineering	446,000	1,000	57,000	13,000	35,000	330,000	11,000
Male	389,000	1,000	49,000	10,000	30,000	289,000	10,000
Female	58,000	S	8,000	2,000	5,000	41,000	1,000
Electrical/computer engineering	932,000	1,000	230,000	36,000	46,000	600,000	19,000
Male	825,000	1,000	189,000	29,000	39,000	550,000	18,000
Female	107,000	S	41,000	7,000	7,000	50,000	2,000
Industrial engineering	186,000	S	26,000	7,000	15,000	135,000	2,000
Male	150,000	S	19,000	4,000	12,000	113,000	2,000
Female	36,000	S	6,000	3,000	3,000	23,000	*
Mechanical engineering	609,000	2,000	78,000	13,000	24,000	485,000	7,000
Male	559,000	2,000	72,000	11,000	22,000	446,000	6,000
Female	50,000	S	6,000	1,000	2,000	39,000	1,000
Other engineering	425,000	S	62,000	9,000	21,000	328,000	5,000
Male	356,000	S	46,000	5,000	16,000	285,000	4,000
Female	69,000	S	16,000	3,000	5,000	43,000	1,000
S&E-related fields	5,389,000	24,000	504,000	289,000	283,000	4,199,000	90,000
Male	2,179,000	8,000	214,000	91,000	123,000	1,706,000	37,000
Female	3,210,000	16,000	290,000	199,000	159,000	2,493,000	53,000
Health	4,213,000	19,000	416,000	229,000	220,000	3,254,000	76,000
Male	1,400,000	5,000	153,000	51,000	82,000	1,082,000	27,000
Female	2,813,000	14,000	263,000	177,000	138,000	2,172,000	49,000
Science/mathematics teacher education	437,000	2,000	13,000	24,000	18,000	376,000	5,000
Male	193,000	S	5,000	10,000	7,000	170,000	2,000

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Female	244,000	2,000	8,000	14,000	11,000	206,000	3,000
Technology/technical fields	375,000	3,000	46,000	21,000	21,000	278,000	6,000
Male	322,000	S	36,000	16,000	19,000	243,000	5,000
Female	53,000	S	10,000	5,000	2,000	35,000	S
Other S&E-related fields	364,000	S	30,000	16,000	23,000	291,000	3,000
Male	264,000	S	21,000	13,000	15,000	211,000	3,000
Female	100,000	S	9,000	3,000	8,000	79,000	S
Non-S&E fields	4,805,000	24,000	285,000	321,000	225,000	3,885,000	66,000
Male	2,700,000	13,000	146,000	132,000	114,000	2,263,000	32,000
Female	2,105,000	10,000	139,000	189,000	111,000	1,622,000	34,000
Arts/humanities	376,000	S	24,000	8,000	17,000	322,000	4,000
Male	197,000	S	8,000	3,000	9,000	174,000	2,000
Female	179,000	S	16,000	5,000	8,000	148,000	2,000
Education, except science/mathematics teacher education	1,111,000	7,000	30,000	92,000	54,000	914,000	15,000
Male	433,000	3,000	9,000	26,000	16,000	373,000	6,000
Female	678,000	4,000	21,000	65,000	38,000	541,000	9,000
Management/administration	1,570,000	8,000	151,000	97,000	71,000	1,222,000	20,000
Male	1,111,000	6,000	91,000	48,000	50,000	906,000	11,000
Female	459,000	2,000	60,000	49,000	21,000	316,000	9,000
Sales/marketing	168,000	S	12,000	7,000	8,000	138,000	1,000
Male	103,000	S	7,000	4,000	5,000	85,000	S
Female	65,000	S	5,000	3,000	4,000	53,000	S
Social services/related	392,000	S	14,000	42,000	20,000	312,000	4,000
Male	176,000	S	6,000	20,000	8,000	140,000	2,000
Female	217,000	S	8,000	22,000	12,000	172,000	3,000
Other non-S&E fields	1,188,000	7,000	53,000	74,000	55,000	976,000	22,000
Male	681,000	4,000	25,000	30,000	27,000	585,000	11,000
Female	507,000	3,000	29,000	44,000	28,000	392,000	11,000
Bachelor's degrees	13,228,000	64,000	1,158,000	767,000	754,000	10,208,000	277,000
Male	7,005,000	31,000	601,000	310,000	374,000	5,544,000	145,000
Female	6,223,000	33,000	556,000	457,000	380,000	4,664,000	132,000
S&E fields	9,173,000	41,000	860,000	521,000	555,000	6,994,000	202,000
Male	5,437,000	23,000	498,000	237,000	295,000	4,271,000	114,000
Female	3,736,000	19,000	362,000	284,000	260,000	2,723,000	88,000
Sciences	7,098,000	35,000	596,000	454,000	432,000	5,419,000	162,000
Male	3,618,000	18,000	279,000	186,000	192,000	2,862,000	81,000
Female	3,479,000	18,000	317,000	268,000	240,000	2,556,000	81,000
Biological/agricultural/environmental life sciences	1,448,000	7,000	126,000	65,000	87,000	1,132,000	30,000
Male	728,000	4,000	50,000	19,000	40,000	599,000	16,000
Female	720,000	3,000	76,000	46,000	47,000	533,000	14,000
Agricultural/food sciences	254,000	1,000	13,000	3,000	9,000	222,000	6,000
Male	158,000	S	9,000	1,000	5,000	137,000	4,000
Female	96,000	S	4,000	2,000	4,000	85,000	2,000
Biological sciences	1,048,000	5,000	109,000	61,000	74,000	778,000	22,000
Male	470,000	3,000	40,000	17,000	31,000	370,000	10,000
Female	578,000	2,000	69,000	44,000	43,000	408,000	12,000
Environmental life sciences	145,000	2,000	4,000	1,000	5,000	132,000	2,000

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Male	100,000	S	1,000	1,000	4,000	92,000	2,000
Female	45,000	S	3,000	*	1,000	40,000	S
Computer/mathematical sciences	1,327,000	7,000	186,000	89,000	68,000	950,000	25,000
Male	863,000	6,000	112,000	49,000	45,000	630,000	20,000
Female	464,000	1,000	74,000	40,000	23,000	320,000	6,000
Computer/information sciences	867,000	7,000	144,000	67,000	55,000	576,000	18,000
Male	601,000	6,000	93,000	36,000	36,000	416,000	14,000
Female	266,000	1,000	51,000	31,000	19,000	160,000	4,000
Mathematical sciences	460,000	*	42,000	23,000	14,000	374,000	8,000
Male	262,000	S	19,000	13,000	10,000	214,000	6,000
Female	198,000	S	23,000	10,000	4,000	160,000	2,000
Physical/related sciences	538,000	2,000	53,000	18,000	28,000	427,000	8,000
Male	367,000	1,000	30,000	10,000	16,000	306,000	4,000
Female	170,000	1,000	24,000	8,000	12,000	121,000	4,000
Chemistry, except biochemistry	268,000	1,000	33,000	12,000	17,000	201,000	4,000
Male	162,000	S	17,000	6,000	10,000	127,000	2,000
Female	106,000	S	16,000	6,000	7,000	74,000	2,000
Earth/atmospheric/ocean sciences	131,000	*	2,000	1,000	4,000	122,000	1,000
Male	103,000	S	2,000	1,000	3,000	97,000	1,000
Female	28,000	S	*	S	1,000	26,000	*
Physics/astronomy	95,000	*	17,000	2,000	4,000	72,000	1,000
Male	79,000	S	10,000	1,000	3,000	63,000	1,000
Female	17,000	S	6,000	1,000	1,000	9,000	S
Other physical sciences	43,000	S	2,000	4,000	4,000	32,000	S
Male	24,000	S	S	2,000	1,000	20,000	S
Female	19,000	S	1,000	1,000	3,000	12,000	S
Social/related sciences	3,786,000	19,000	230,000	282,000	248,000	2,909,000	97,000
Male	1,661,000	6,000	88,000	109,000	91,000	1,327,000	41,000
Female	2,126,000	12,000	143,000	173,000	157,000	1,583,000	57,000
Economics	604,000	S	87,000	23,000	30,000	453,000	10,000
Male	423,000	S	40,000	18,000	18,000	340,000	7,000
Female	181,000	S	48,000	5,000	12,000	112,000	3,000
Political/related sciences	714,000	2,000	39,000	55,000	42,000	555,000	21,000
Male	418,000	S	18,000	25,000	24,000	339,000	13,000
Female	295,000	2,000	22,000	30,000	19,000	216,000	8,000
Psychology	1,204,000	6,000	50,000	93,000	93,000	928,000	34,000
Male	336,000	S	15,000	26,000	21,000	263,000	7,000
Female	868,000	4,000	35,000	67,000	72,000	665,000	27,000
Sociology/anthropology	867,000	6,000	30,000	81,000	50,000	676,000	25,000
Male	301,000	1,000	9,000	27,000	18,000	234,000	10,000
Female	566,000	5,000	21,000	53,000	31,000	442,000	15,000
Other social sciences	398,000	4,000	24,000	30,000	33,000	298,000	8,000
Male	183,000	2,000	6,000	12,000	9,000	150,000	4,000
Female	214,000	S	17,000	18,000	24,000	148,000	4,000
Engineering	2,075,000	6,000	263,000	67,000	123,000	1,575,000	40,000
Male	1,819,000	5,000	218,000	50,000	103,000	1,408,000	33,000
Female	257,000	1,000	45,000	16,000	20,000	167,000	7,000

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Aerospace/related engineering	69,000	1,000	4,000	2,000	3,000	58,000	2,000
Male	63,000	S	3,000	2,000	3,000	53,000	2,000
Female	6,000	S	*	*	*	5,000	*
Chemical engineering	150,000	2,000	18,000	4,000	7,000	117,000	3,000
Male	112,000	2,000	11,000	2,000	5,000	92,000	1,000
Female	38,000	S	6,000	2,000	2,000	24,000	2,000
Civil/architectural engineering	334,000	1,000	33,000	11,000	28,000	252,000	9,000
Male	293,000	1,000	29,000	9,000	24,000	223,000	8,000
Female	41,000	S	4,000	2,000	4,000	30,000	1,000
Electrical/computer engineering	640,000	1,000	126,000	29,000	38,000	430,000	16,000
Male	574,000	1,000	108,000	23,000	32,000	395,000	15,000
Female	66,000	S	18,000	6,000	5,000	35,000	1,000
Industrial engineering	140,000	S	12,000	5,000	12,000	108,000	1,000
Male	113,000	S	8,000	3,000	10,000	92,000	1,000
Female	27,000	S	5,000	3,000	3,000	16,000	*
Mechanical engineering	489,000	1,000	48,000	11,000	20,000	403,000	6,000
Male	450,000	1,000	45,000	9,000	18,000	372,000	5,000
Female	39,000	S	3,000	1,000	2,000	32,000	1,000
Other engineering	253,000	S	23,000	5,000	15,000	207,000	3,000
Male	213,000	S	15,000	3,000	11,000	182,000	2,000
Female	39,000	S	8,000	2,000	4,000	25,000	1,000
S&E-related fields	2,890,000	14,000	240,000	169,000	154,000	2,255,000	58,000
Male	926,000	5,000	77,000	46,000	52,000	728,000	19,000
Female	1,964,000	10,000	162,000	124,000	102,000	1,527,000	39,000
Health	2,100,000	10,000	182,000	131,000	106,000	1,620,000	50,000
Male	364,000	2,000	38,000	17,000	20,000	275,000	13,000
Female	1,735,000	9,000	144,000	114,000	86,000	1,345,000	37,000
Science/mathematics teacher education	218,000	S	7,000	8,000	12,000	189,000	1,000
Male	99,000	S	2,000	4,000	4,000	88,000	S
Female	119,000	S	4,000	4,000	8,000	101,000	S
Technology/technical fields	313,000	3,000	28,000	18,000	19,000	240,000	5,000
Male	272,000	S	22,000	14,000	17,000	213,000	4,000
Female	41,000	S	6,000	4,000	2,000	27,000	S
Other S&E-related fields	260,000	S	23,000	12,000	18,000	205,000	2,000
Male	191,000	S	15,000	11,000	11,000	152,000	2,000
Female	69,000	S	8,000	S	6,000	53,000	S
Non-S&E fields	1,165,000	8,000	59,000	77,000	45,000	960,000	17,000
Male	641,000	3,000	26,000	28,000	26,000	546,000	12,000
Female	523,000	5,000	32,000	49,000	18,000	414,000	5,000
Arts/humanities	240,000	S	10,000	6,000	9,000	213,000	2,000
Male	134,000	S	4,000	3,000	7,000	119,000	1,000
Female	106,000	S	6,000	3,000	2,000	94,000	S
Education, except science/mathematics teacher education	204,000	S	6,000	14,000	8,000	171,000	3,000
Male	67,000	S	2,000	3,000	4,000	57,000	S
Female	137,000	S	4,000	11,000	3,000	114,000	2,000
Management/administration	444,000	3,000	35,000	33,000	17,000	349,000	8,000
Male	300,000	S	16,000	14,000	12,000	251,000	6,000
Female	144,000	S	18,000	19,000	6,000	98,000	1,000

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Sales/marketing	55,000	S	S	2,000	2,000	49,000	S
Male	29,000	S	S	S	S	26,000	S
Female	26,000	S	S	S	S	23,000	S
Social services/related	41,000	S	2,000	6,000	S	32,000	S
Male	25,000	S	2,000	3,000	S	20,000	S
Female	15,000	S	S	3,000	S	12,000	S
Other non-S&E fields	180,000	S	6,000	16,000	8,000	146,000	3,000
Male	86,000	S	3,000	5,000	2,000	73,000	2,000
Female	94,000	S	3,000	11,000	6,000	73,000	S
Master's degrees	6,411,000	25,000	729,000	378,000	290,000	4,900,000	89,000
Male	3,373,000	12,000	425,000	149,000	138,000	2,599,000	50,000
Female	3,039,000	13,000	304,000	229,000	152,000	2,302,000	40,000
S&E fields	2,438,000	8,000	457,000	104,000	106,000	1,723,000	40,000
Male	1,489,000	4,000	291,000	47,000	58,000	1,063,000	27,000
Female	949,000	5,000	166,000	57,000	48,000	660,000	13,000
Sciences	1,758,000	7,000	273,000	89,000	77,000	1,282,000	30,000
Male	913,000	3,000	144,000	35,000	35,000	679,000	18,000
Female	845,000	4,000	129,000	54,000	42,000	603,000	12,000
Biological/agricultural/environmental life sciences	263,000	1,000	35,000	8,000	10,000	202,000	6,000
Male	134,000	S	14,000	4,000	4,000	108,000	3,000
Female	129,000	*	22,000	4,000	6,000	94,000	3,000
Agricultural/food sciences	35,000	S	3,000	2,000	2,000	26,000	2,000
Male	21,000	S	1,000	2,000	1,000	16,000	S
Female	14,000	S	2,000	*	1,000	10,000	S
Biological sciences	187,000	*	30,000	5,000	7,000	142,000	3,000
Male	88,000	S	11,000	2,000	3,000	70,000	2,000
Female	100,000	S	19,000	3,000	4,000	72,000	2,000
Environmental life sciences	40,000	S	2,000	1,000	1,000	34,000	1,000
Male	25,000	S	2,000	S	*	22,000	S
Female	15,000	S	*	1,000	*	13,000	S
Computer/mathematical sciences	481,000	2,000	162,000	21,000	12,000	276,000	7,000
Male	319,000	S	99,000	10,000	9,000	195,000	5,000
Female	161,000	S	63,000	11,000	3,000	81,000	2,000
Computer/information sciences	348,000	S	137,000	15,000	10,000	177,000	6,000
Male	238,000	S	86,000	8,000	8,000	131,000	5,000
Female	110,000	S	51,000	7,000	3,000	46,000	2,000
Mathematical sciences	133,000	S	25,000	6,000	2,000	99,000	1,000
Male	81,000	S	13,000	2,000	1,000	64,000	1,000
Female	51,000	S	12,000	4,000	1,000	35,000	S
Physical/related sciences	157,000	1,000	29,000	3,000	5,000	118,000	2,000
Male	114,000	S	17,000	3,000	4,000	88,000	2,000
Female	43,000	S	12,000	1,000	1,000	30,000	*
Chemistry, except biochemistry	53,000	S	16,000	1,000	1,000	34,000	1,000
Male	33,000	S	8,000	1,000	1,000	22,000	1,000
Female	21,000	S	8,000	*	*	12,000	S
Earth/atmospheric/ocean sciences	56,000	S	4,000	*	1,000	50,000	1,000
Male	43,000	S	2,000	*	1,000	38,000	1,000

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Female	13,000	S	1,000	S	*	11,000	*
Physics/astronomy	42,000	S	9,000	1,000	2,000	29,000	*
Male	35,000	S	6,000	1,000	2,000	25,000	*
Female	7,000	S	2,000	S	*	4,000	S
Other physical sciences	6,000	S	S	1,000	S	5,000	S
Male	3,000	S	S	S	S	3,000	S
Female	3,000	S	S	S	S	2,000	S
Social/related sciences	858,000	3,000	47,000	57,000	50,000	686,000	15,000
Male	347,000	1,000	14,000	18,000	18,000	288,000	7,000
Female	511,000	2,000	33,000	38,000	32,000	398,000	8,000
Economics	81,000	S	12,000	3,000	4,000	62,000	*
Male	56,000	S	5,000	2,000	3,000	46,000	S
Female	25,000	S	7,000	1,000	1,000	17,000	S
Political/related sciences	130,000	S	10,000	8,000	7,000	102,000	2,000
Male	77,000	S	4,000	3,000	3,000	65,000	1,000
Female	53,000	S	6,000	5,000	4,000	37,000	*
Psychology	474,000	2,000	13,000	31,000	26,000	391,000	10,000
Male	136,000	S	2,000	7,000	8,000	114,000	4,000
Female	338,000	2,000	11,000	23,000	19,000	277,000	5,000
Sociology/anthropology	71,000	S	4,000	7,000	6,000	53,000	1,000
Male	31,000	S	1,000	2,000	2,000	25,000	S
Female	40,000	S	3,000	4,000	4,000	29,000	1,000
Other social sciences	101,000	S	7,000	8,000	8,000	76,000	1,000
Male	46,000	S	1,000	3,000	3,000	38,000	1,000
Female	55,000	S	6,000	5,000	5,000	38,000	1,000
Engineering	679,000	1,000	184,000	15,000	29,000	441,000	10,000
Male	576,000	S	148,000	12,000	23,000	384,000	9,000
Female	104,000	S	36,000	3,000	6,000	57,000	1,000
Aerospace/related engineering	22,000	S	2,000	S	2,000	17,000	1,000
Male	20,000	S	2,000	S	2,000	15,000	1,000
Female	2,000	S	*	S	*	1,000	S
Chemical engineering	32,000	S	12,000	1,000	2,000	18,000	S
Male	26,000	S	10,000	1,000	*	15,000	S
Female	6,000	S	2,000	*	1,000	3,000	S
Civil/architectural engineering	100,000	S	21,000	2,000	6,000	70,000	2,000
Male	85,000	S	17,000	2,000	5,000	59,000	2,000
Female	15,000	S	3,000	*	1,000	11,000	S
Electrical/computer engineering	251,000	S	87,000	6,000	7,000	147,000	3,000
Male	213,000	S	67,000	5,000	5,000	133,000	2,000
Female	38,000	S	20,000	1,000	2,000	14,000	S
Industrial engineering	42,000	S	12,000	2,000	3,000	25,000	S
Male	34,000	S	10,000	2,000	2,000	19,000	S
Female	8,000	S	1,000	*	1,000	6,000	S
Mechanical engineering	102,000	S	23,000	2,000	4,000	71,000	2,000
Male	92,000	S	21,000	2,000	3,000	64,000	1,000
Female	10,000	S	2,000	*	*	7,000	S
Other engineering	131,000	S	27,000	3,000	6,000	94,000	2,000

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Male	106,000	S	20,000	2,000	4,000	79,000	2,000
Female	25,000	S	7,000	1,000	1,000	15,000	*
S&E-related fields	1,193,000	4,000	86,000	70,000	45,000	972,000	15,000
Male	359,000	1,000	36,000	18,000	15,000	282,000	7,000
Female	834,000	4,000	50,000	52,000	31,000	690,000	7,000
Health	828,000	3,000	57,000	48,000	31,000	678,000	9,000
Male	156,000	1,000	15,000	8,000	6,000	122,000	5,000
Female	672,000	3,000	42,000	41,000	25,000	556,000	5,000
Science/mathematics teacher education	208,000	S	5,000	15,000	7,000	177,000	3,000
Male	88,000	S	2,000	6,000	3,000	76,000	S
Female	120,000	S	3,000	10,000	3,000	101,000	2,000
Technology/technical fields	58,000	S	16,000	3,000	2,000	35,000	S
Male	46,000	S	13,000	3,000	2,000	27,000	S
Female	12,000	S	3,000	S	S	8,000	S
Other S&E-related fields	99,000	S	7,000	4,000	5,000	82,000	S
Male	69,000	S	6,000	3,000	3,000	56,000	S
Female	30,000	S	1,000	S	2,000	25,000	S
Non-S&E fields	2,781,000	13,000	186,000	204,000	138,000	2,206,000	35,000
Male	1,524,000	8,000	98,000	84,000	65,000	1,254,000	16,000
Female	1,257,000	5,000	88,000	120,000	73,000	952,000	19,000
Arts/humanities	116,000	S	14,000	2,000	6,000	92,000	1,000
Male	52,000	S	4,000	S	2,000	45,000	S
Female	64,000	S	10,000	S	4,000	47,000	S
Education, except science/mathematics teacher education	835,000	5,000	23,000	72,000	42,000	684,000	11,000
Male	327,000	3,000	6,000	20,000	10,000	283,000	5,000
Female	508,000	2,000	16,000	52,000	32,000	401,000	6,000
Management/administration	1,109,000	5,000	111,000	64,000	54,000	862,000	13,000
Male	798,000	4,000	70,000	34,000	38,000	646,000	5,000
Female	311,000	S	41,000	30,000	16,000	216,000	8,000
Sales/marketing	111,000	S	11,000	5,000	7,000	88,000	S
Male	72,000	S	7,000	4,000	3,000	59,000	S
Female	38,000	S	4,000	1,000	3,000	30,000	S
Social services/related	316,000	S	11,000	34,000	18,000	249,000	4,000
Male	122,000	S	4,000	15,000	7,000	95,000	S
Female	194,000	S	7,000	19,000	11,000	154,000	2,000
Other non-S&E fields	295,000	S	17,000	26,000	12,000	231,000	6,000
Male	154,000	S	7,000	10,000	5,000	127,000	4,000
Female	141,000	S	10,000	16,000	7,000	104,000	2,000
Doctorate degrees	1,018,000	2,000	165,000	33,000	35,000	771,000	11,000
Male	710,000	1,000	122,000	20,000	21,000	539,000	7,000
Female	308,000	1,000	43,000	13,000	15,000	232,000	4,000
S&E fields	802,000	2,000	146,000	21,000	24,000	602,000	9,000
Male	586,000	1,000	110,000	13,000	15,000	441,000	6,000
Female	216,000	*	35,000	8,000	9,000	161,000	3,000
Sciences	659,000	1,000	98,000	18,000	20,000	514,000	7,000
Male	456,000	1,000	68,000	10,000	12,000	360,000	5,000
Female	203,000	*	30,000	8,000	8,000	154,000	2,000

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Biological/agricultural/environmental life sciences	223,000	1,000	42,000	5,000	7,000	165,000	3,000
Male	152,000	*	27,000	3,000	5,000	115,000	2,000
Female	71,000	*	15,000	2,000	3,000	50,000	1,000
Agricultural/food sciences	22,000	S	3,000	1,000	1,000	17,000	*
Male	18,000	S	2,000	1,000	1,000	14,000	*
Female	4,000	S	1,000	*	*	3,000	S
Biological sciences	193,000	*	38,000	4,000	6,000	142,000	2,000
Male	128,000	*	25,000	2,000	3,000	96,000	2,000
Female	65,000	*	14,000	2,000	3,000	46,000	1,000
Environmental life sciences	8,000	S	1,000	*	*	7,000	S
Male	6,000	S	*	*	*	5,000	S
Female	2,000	S	*	S	*	1,000	S
Computer/mathematical sciences	57,000	S	13,000	1,000	2,000	41,000	*
Male	48,000	S	11,000	1,000	1,000	35,000	*
Female	9,000	S	3,000	*	1,000	6,000	*
Computer/information sciences	20,000	S	7,000	*	1,000	12,000	*
Male	17,000	S	5,000	*	1,000	11,000	*
Female	3,000	S	1,000	*	*	2,000	S
Mathematical sciences	37,000	S	7,000	1,000	1,000	28,000	*
Male	31,000	S	5,000	1,000	1,000	24,000	*
Female	6,000	S	1,000	*	1,000	4,000	*
Physical/related sciences	164,000	*	30,000	2,000	4,000	126,000	2,000
Male	137,000	*	23,000	2,000	3,000	109,000	1,000
Female	27,000	S	7,000	1,000	1,000	18,000	*
Chemistry, except biochemistry	86,000	*	18,000	1,000	2,000	63,000	1,000
Male	69,000	*	13,000	1,000	1,000	53,000	1,000
Female	17,000	S	5,000	1,000	1,000	10,000	*
Earth/atmospheric/ocean sciences	21,000	S	2,000	*	*	18,000	*
Male	18,000	S	2,000	*	*	15,000	*
Female	4,000	S	1,000	S	*	3,000	S
Physics/astronomy	54,000	S	10,000	1,000	1,000	42,000	*
Male	48,000	S	8,000	1,000	1,000	38,000	*
Female	6,000	S	2,000	*	*	4,000	S
Other physical sciences	3,000	S	*	*	*	2,000	S
Male	2,000	S	*	S	S	2,000	S
Female	1,000	S	*	S	S	1,000	S
Social/related sciences	214,000	1,000	12,000	10,000	8,000	181,000	3,000
Male	119,000	*	7,000	5,000	4,000	102,000	1,000
Female	95,000	*	5,000	5,000	4,000	80,000	1,000
Economics	27,000	S	4,000	1,000	1,000	21,000	*
Male	22,000	S	3,000	1,000	1,000	17,000	*
Female	5,000	S	1,000	*	*	4,000	S
Political/related sciences	23,000	*	1,000	2,000	1,000	19,000	*
Male	17,000	S	1,000	1,000	*	14,000	*
Female	6,000	S	*	*	*	5,000	*
Psychology	114,000	*	4,000	5,000	4,000	100,000	1,000
Male	53,000	*	1,000	2,000	2,000	48,000	1,000
Female	61,000	*	2,000	3,000	3,000	52,000	1,000

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Sociology/anthropology	30,000	*	1,000	2,000	1,000	25,000	1,000
Male	16,000	S	1,000	1,000	1,000	13,000	*
Female	14,000	*	1,000	1,000	1,000	12,000	*
Other social sciences	20,000	*	2,000	1,000	1,000	16,000	*
Male	12,000	S	1,000	1,000	*	9,000	*
Female	9,000	*	1,000	1,000	*	7,000	*
Engineering	144,000	S	48,000	3,000	3,000	88,000	1,000
Male	130,000	S	43,000	2,000	3,000	81,000	1,000
Female	13,000	S	5,000	*	*	7,000	*
Aerospace/related engineering	7,000	S	1,000	*	*	5,000	S
Male	6,000	S	1,000	*	*	5,000	S
Female	*	S	S	S	S	*	S
Chemical engineering	21,000	S	7,000	*	1,000	12,000	*
Male	18,000	S	6,000	*	1,000	11,000	*
Female	2,000	S	1,000	*	S	1,000	S
Civil/architectural engineering	12,000	S	3,000	*	*	8,000	S
Male	11,000	S	3,000	*	*	7,000	S
Female	1,000	S	*	S	S	1,000	S
Electrical/computer engineering	41,000	S	16,000	1,000	1,000	23,000	*
Male	38,000	S	14,000	1,000	1,000	22,000	*
Female	3,000	S	2,000	*	*	1,000	S
Industrial engineering	4,000	S	1,000	*	*	2,000	S
Male	3,000	S	1,000	*	S	2,000	S
Female	1,000	S	S	S	S	1,000	S
Mechanical engineering	19,000	S	7,000	*	*	11,000	*
Male	18,000	S	6,000	*	*	10,000	*
Female	1,000	S	*	S	S	*	S
Other engineering	41,000	S	12,000	1,000	1,000	27,000	*
Male	36,000	S	11,000	1,000	1,000	24,000	*
Female	5,000	S	2,000	*	*	3,000	S
S&E-related fields	65,000	*	11,000	3,000	3,000	46,000	1,000
Male	34,000	S	6,000	2,000	2,000	24,000	1,000
Female	31,000	*	5,000	2,000	1,000	22,000	*
Health	45,000	*	8,000	3,000	3,000	30,000	*
Male	20,000	S	4,000	2,000	2,000	12,000	*
Female	25,000	*	4,000	1,000	1,000	18,000	*
Science/mathematics teacher education	11,000	S	S	1,000	S	10,000	S
Male	7,000	S	S	S	S	6,000	S
Female	5,000	S	S	S	S	4,000	S
Technology/technical fields	5,000	S	2,000	S	S	3,000	S
Male	4,000	S	1,000	S	S	3,000	S
Female	S	S	S	S	S	S	S
Other S&E-related fields	4,000	S	S	S	S	4,000	S
Male	3,000	S	S	S	S	S	S
Female	1,000	S	S	S	S	1,000	S
Non-S&E fields	150,000	S	9,000	9,000	8,000	122,000	2,000
Male	90,000	S	6,000	6,000	4,000	74,000	S

TABLE 11. U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Female	61,000	S	3,000	3,000	5,000	48,000	1,000
Arts/humanities	20,000	S	S	S	2,000	17,000	S
Male	11,000	S	S	S	S	10,000	S
Female	9,000	S	S	S	S	7,000	S
Education, except science/mathematics teacher education	69,000	S	1,000	5,000	4,000	58,000	1,000
Male	38,000	S	S	3,000	2,000	32,000	S
Female	32,000	S	1,000	2,000	2,000	25,000	1,000
Management/administration	16,000	S	5,000	S	S	10,000	S
Male	13,000	S	4,000	S	S	8,000	S
Female	3,000	S	S	S	S	2,000	S
Sales/marketing	2,000	S	S	S	S	S	S
Male	1,000	S	S	S	S	S	S
Female	S	S	S	S	S	S	S
Social services/related	21,000	S	S	2,000	S	18,000	S
Male	16,000	S	S	2,000	S	14,000	S
Female	5,000	S	S	S	S	4,000	S
Other non-S&E fields	22,000	S	S	S	2,000	19,000	S
Male	11,000	S	S	S	S	9,000	S
Female	12,000	S	S	S	S	10,000	S

* = estimate < 500; S = 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 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. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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[a]	18,927,000	13,137,000	9,978,000	1,329,000	1,830,000	3,562,000	1,549,000	2,014,000	2,228,000	824,000	1,405,000
Male	10,683,000	7,963,000	6,582,000	804,000	578,000	1,430,000	750,000	680,000	1,290,000	544,000	746,000
Female	8,244,000	5,173,000	3,396,000	525,000	1,253,000	2,133,000	799,000	1,334,000	938,000	280,000	658,000
S&E fields	10,156,000	7,210,000	5,907,000	620,000	683,000	1,635,000	871,000	764,000	1,311,000	514,000	797,000
Male	6,357,000	4,789,000	4,176,000	365,000	248,000	740,000	493,000	247,000	828,000	365,000	463,000
Female	3,799,000	2,421,000	1,731,000	255,000	435,000	895,000	378,000	517,000	482,000	148,000	334,000
Sciences	7,719,000	5,185,000	4,027,000	520,000	638,000	1,488,000	760,000	729,000	1,045,000	384,000	661,000
Male	4,226,000	2,997,000	2,502,000	281,000	213,000	627,000	401,000	225,000	602,000	254,000	349,000
Female	3,493,000	2,188,000	1,524,000	239,000	425,000	862,000	358,000	504,000	443,000	130,000	312,000
Biological/agricultural/environmental life sciences	1,555,000	970,000	724,000	103,000	142,000	360,000	246,000	114,000	225,000	97,000	129,000
Male	838,000	529,000	419,000	63,000	47,000	166,000	125,000	41,000	143,000	63,000	80,000
Female	717,000	441,000	306,000	40,000	95,000	194,000	121,000	73,000	82,000	34,000	49,000
Agricultural/food sciences	267,000	188,000	141,000	34,000	13,000	41,000	28,000	13,000	38,000	21,000	17,000
Male	166,000	115,000	88,000	21,000	5,000	25,000	19,000	7,000	26,000	16,000	10,000
Female	101,000	73,000	52,000	13,000	8,000	16,000	10,000	6,000	12,000	5,000	7,000
Biological sciences	1,125,000	686,000	509,000	62,000	116,000	300,000	206,000	94,000	138,000	58,000	80,000
Male	563,000	352,000	278,000	37,000	38,000	130,000	99,000	31,000	81,000	36,000	45,000
Female	561,000	335,000	231,000	25,000	78,000	170,000	107,000	63,000	57,000	22,000	34,000
Environmental life sciences	164,000	96,000	75,000	7,000	14,000	19,000	12,000	7,000	50,000	18,000	32,000
Male	109,000	62,000	53,000	4,000	5,000	11,000	8,000	3,000	36,000	11,000	25,000
Female	55,000	33,000	22,000	2,000	9,000	8,000	4,000	4,000	14,000	7,000	7,000
Computer/mathematical sciences	1,586,000	1,237,000	1,106,000	59,000	72,000	224,000	113,000	110,000	125,000	59,000	66,000
Male	1,086,000	880,000	803,000	38,000	38,000	121,000	79,000	42,000	85,000	42,000	43,000
Female	499,000	357,000	303,000	21,000	33,000	103,000	34,000	69,000	40,000	17,000	22,000
Computer/information sciences	1,103,000	913,000	832,000	35,000	46,000	99,000	61,000	38,000	91,000	42,000	50,000
Male	790,000	668,000	618,000	23,000	27,000	60,000	44,000	16,000	62,000	30,000	32,000
Female	313,000	245,000	214,000	12,000	19,000	39,000	17,000	22,000	29,000	12,000	17,000
Mathematical sciences	483,000	324,000	274,000	24,000	26,000	125,000	52,000	73,000	34,000	17,000	16,000
Male	296,000	212,000	185,000	15,000	12,000	61,000	35,000	26,000	23,000	12,000	11,000
Female	187,000	112,000	89,000	9,000	14,000	64,000	17,000	47,000	11,000	5,000	5,000
Physical/related sciences	688,000	454,000	384,000	41,000	29,000	151,000	102,000	50,000	82,000	40,000	43,000
Male	505,000	345,000	297,000	33,000	15,000	99,000	69,000	30,000	62,000	31,000	31,000
Female	183,000	110,000	87,000	8,000	14,000	53,000	33,000	20,000	21,000	9,000	12,000
Chemistry, except biochemistry	319,000	225,000	199,000	13,000	14,000	66,000	44,000	22,000	28,000	11,000	17,000
Male	213,000	156,000	140,000	9,000	6,000	38,000	26,000	12,000	20,000	8,000	12,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	106,000	70,000	59,000	3,000	8,000	29,000	19,000	10,000	8,000	3,000	5,000
Earth/atmospheric/ocean sciences	173,000	107,000	88,000	14,000	5,000	31,000	17,000	14,000	35,000	15,000	20,000
Male	136,000	88,000	73,000	12,000	2,000	21,000	11,000	10,000	27,000	12,000	15,000
Female	37,000	19,000	15,000	2,000	2,000	10,000	5,000	4,000	8,000	2,000	6,000
Physics/astronomy	154,000	95,000	78,000	10,000	7,000	46,000	35,000	11,000	13,000	11,000	2,000
Male	131,000	85,000	71,000	8,000	5,000	36,000	29,000	7,000	10,000	8,000	1,000
Female	24,000	10,000	7,000	2,000	2,000	10,000	6,000	4,000	3,000	3,000	1,000
Other physical sciences	41,000	27,000	20,000	4,000	3,000	8,000	6,000	2,000	6,000	3,000	4,000
Male	25,000	17,000	13,000	3,000	1,000	3,000	3,000	1,000	5,000	2,000	3,000
Female	16,000	10,000	7,000	1,000	2,000	4,000	3,000	1,000	1,000	1,000	1,000
Social/related sciences	3,890,000	2,524,000	1,812,000	317,000	395,000	753,000	298,000	455,000	613,000	189,000	424,000
Male	1,796,000	1,243,000	983,000	147,000	112,000	241,000	128,000	113,000	312,000	118,000	194,000
Female	2,093,000	1,281,000	829,000	170,000	282,000	512,000	170,000	342,000	300,000	70,000	230,000
Economics	594,000	503,000	419,000	56,000	28,000	49,000	33,000	16,000	42,000	22,000	20,000
Male	430,000	366,000	310,000	39,000	17,000	33,000	23,000	10,000	32,000	17,000	14,000
Female	164,000	137,000	110,000	17,000	11,000	17,000	10,000	7,000	10,000	4,000	6,000
Political/related sciences	691,000	480,000	375,000	53,000	52,000	86,000	42,000	45,000	125,000	57,000	68,000
Male	418,000	290,000	243,000	27,000	20,000	43,000	23,000	19,000	85,000	43,000	42,000
Female	273,000	190,000	132,000	26,000	32,000	44,000	18,000	25,000	39,000	13,000	26,000
Psychology	1,422,000	835,000	529,000	124,000	183,000	373,000	124,000	249,000	213,000	47,000	166,000
Male	448,000	285,000	202,000	43,000	40,000	88,000	43,000	45,000	75,000	22,000	53,000
Female	974,000	550,000	326,000	82,000	142,000	286,000	81,000	204,000	138,000	26,000	113,000
Sociology/anthropology	759,000	459,000	308,000	54,000	97,000	138,000	57,000	81,000	162,000	35,000	127,000
Male	296,000	177,000	130,000	22,000	25,000	37,000	20,000	16,000	81,000	18,000	64,000
Female	463,000	281,000	178,000	32,000	72,000	101,000	37,000	64,000	81,000	18,000	63,000
Other social sciences	424,000	247,000	182,000	30,000	35,000	106,000	42,000	64,000	71,000	28,000	43,000
Male	205,000	125,000	98,000	17,000	10,000	41,000	18,000	22,000	39,000	18,000	21,000
Female	219,000	122,000	84,000	14,000	25,000	65,000	24,000	42,000	31,000	9,000	22,000
Engineering	2,437,000	2,025,000	1,880,000	100,000	46,000	147,000	112,000	35,000	265,000	130,000	136,000
Male	2,132,000	1,792,000	1,674,000	83,000	35,000	114,000	92,000	22,000	226,000	112,000	114,000
Female	306,000	233,000	206,000	16,000	10,000	33,000	20,000	13,000	39,000	18,000	22,000
Aerospace/related engineering	83,000	66,000	61,000	3,000	2,000	6,000	5,000	1,000	12,000	9,000	2,000
Male	76,000	60,000	58,000	2,000	1,000	5,000	4,000	S	11,000	9,000	S
Female	7,000	6,000	3,000	S	1,000	1,000	1,000	S	1,000	1,000	S
Chemical engineering	165,000	137,000	128,000	4,000	4,000	16,000	11,000	5,000	12,000	6,000	5,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	126,000	109,000	103,000	4,000	3,000	11,000	9,000	2,000	6,000	3,000	2,000
Female	39,000	28,000	25,000	1,000	2,000	5,000	2,000	3,000	6,000	3,000	3,000
Civil/architectural engineering	396,000	294,000	267,000	21,000	7,000	16,000	10,000	6,000	87,000	18,000	68,000
Male	345,000	260,000	237,000	17,000	6,000	12,000	8,000	4,000	74,000	16,000	58,000
Female	51,000	34,000	30,000	3,000	S	4,000	2,000	2,000	12,000	2,000	10,000
Electrical/computer engineering	791,000	689,000	645,000	28,000	17,000	41,000	34,000	8,000	60,000	42,000	19,000
Male	703,000	615,000	578,000	22,000	15,000	35,000	29,000	5,000	53,000	37,000	17,000
Female	87,000	74,000	66,000	6,000	2,000	7,000	4,000	2,000	7,000	5,000	2,000
Industrial engineering	146,000	125,000	114,000	7,000	5,000	8,000	5,000	3,000	12,000	6,000	5,000
Male	117,000	105,000	97,000	5,000	2,000	6,000	4,000	2,000	7,000	4,000	3,000
Female	29,000	21,000	17,000	1,000	3,000	3,000	1,000	2,000	5,000	2,000	3,000
Mechanical engineering	506,000	439,000	414,000	21,000	4,000	25,000	18,000	6,000	42,000	27,000	15,000
Male	466,000	405,000	381,000	20,000	4,000	21,000	16,000	4,000	40,000	26,000	14,000
Female	40,000	34,000	33,000	1,000	*	4,000	2,000	2,000	2,000	2,000	*
Other engineering	351,000	275,000	252,000	16,000	7,000	35,000	29,000	6,000	41,000	20,000	21,000
Male	299,000	239,000	220,000	13,000	5,000	25,000	21,000	4,000	35,000	17,000	17,000
Female	52,000	36,000	32,000	3,000	1,000	10,000	8,000	2,000	7,000	3,000	4,000
S&E-related fields	4,587,000	3,302,000	2,126,000	385,000	791,000	886,000	432,000	454,000	399,000	151,000	249,000
Male	1,931,000	1,520,000	1,096,000	236,000	188,000	249,000	138,000	112,000	161,000	65,000	96,000
Female	2,656,000	1,782,000	1,031,000	149,000	602,000	637,000	294,000	342,000	238,000	85,000	153,000
Health	3,596,000	2,654,000	1,594,000	302,000	758,000	624,000	395,000	229,000	318,000	127,000	191,000
Male	1,256,000	1,015,000	673,000	173,000	170,000	138,000	118,000	20,000	103,000	48,000	55,000
Female	2,340,000	1,639,000	922,000	130,000	588,000	487,000	278,000	209,000	215,000	79,000	136,000
Science/mathematics teacher education	334,000	99,000	68,000	21,000	9,000	219,000	17,000	202,000	17,000	4,000	13,000
Male	147,000	52,000	37,000	11,000	4,000	86,000	8,000	78,000	9,000	2,000	7,000
Female	187,000	47,000	31,000	10,000	5,000	133,000	9,000	124,000	8,000	2,000	6,000
Technology/technical fields	328,000	276,000	244,000	20,000	12,000	24,000	12,000	13,000	27,000	14,000	14,000
Male	283,000	243,000	215,000	18,000	10,000	17,000	7,000	10,000	24,000	12,000	12,000
Female	44,000	33,000	29,000	2,000	2,000	7,000	4,000	3,000	4,000	2,000	2,000
Other S&E-related fields	329,000	273,000	220,000	42,000	11,000	18,000	8,000	10,000	37,000	6,000	31,000
Male	245,000	211,000	172,000	34,000	5,000	8,000	4,000	4,000	26,000	3,000	22,000
Female	84,000	62,000	48,000	7,000	6,000	10,000	4,000	6,000	12,000	3,000	9,000
Non-S&E fields	4,184,000	2,624,000	1,944,000	324,000	356,000	1,041,000	245,000	796,000	518,000	159,000	359,000
Male	2,395,000	1,654,000	1,310,000	203,000	141,000	440,000	119,000	321,000	301,000	113,000	188,000
Female	1,789,000	970,000	634,000	121,000	215,000	601,000	126,000	475,000	218,000	46,000	172,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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
Arts/humanities	329,000	203,000	152,000	26,000	26,000	90,000	38,000	52,000	36,000	11,000	25,000
Male	178,000	117,000	91,000	11,000	14,000	44,000	18,000	26,000	17,000	7,000	10,000
Female	151,000	87,000	61,000	15,000	11,000	46,000	20,000	26,000	18,000	4,000	14,000
Education, except science/mathematics teacher education	924,000	211,000	126,000	35,000	49,000	664,000	69,000	595,000	49,000	11,000	38,000
Male	356,000	83,000	54,000	15,000	14,000	249,000	24,000	224,000	24,000	8,000	16,000
Female	568,000	128,000	72,000	20,000	35,000	415,000	44,000	371,000	25,000	3,000	22,000
Management/administration	1,387,000	1,148,000	983,000	79,000	86,000	108,000	55,000	53,000	131,000	57,000	74,000
Male	1,000,000	845,000	748,000	58,000	39,000	61,000	32,000	29,000	94,000	43,000	51,000
Female	387,000	304,000	235,000	21,000	48,000	46,000	23,000	24,000	37,000	14,000	23,000
Sales/marketing	146,000	128,000	112,000	5,000	11,000	11,000	5,000	5,000	7,000	2,000	5,000
Male	95,000	83,000	78,000	2,000	3,000	7,000	4,000	3,000	4,000	S	4,000
Female	51,000	45,000	34,000	3,000	8,000	3,000	S	S	S	S	S
Social services/related	342,000	223,000	82,000	32,000	110,000	65,000	27,000	38,000	54,000	9,000	45,000
Male	150,000	100,000	42,000	14,000	43,000	31,000	14,000	17,000	20,000	7,000	13,000
Female	192,000	124,000	40,000	17,000	67,000	35,000	13,000	21,000	33,000	2,000	32,000
Other non-S&E fields	1,056,000	711,000	490,000	147,000	74,000	104,000	52,000	52,000	242,000	68,000	173,000
Male	616,000	427,000	297,000	103,000	28,000	48,000	27,000	22,000	140,000	47,000	94,000
Female	440,000	283,000	192,000	45,000	46,000	56,000	25,000	30,000	101,000	22,000	79,000
Bachelor's degrees	10,886,000	8,108,000	6,381,000	630,000	1,098,000	1,465,000	610,000	855,000	1,312,000	461,000	852,000
Male	6,007,000	4,747,000	4,088,000	361,000	298,000	490,000	235,000	255,000	770,000	309,000	462,000
Female	4,878,000	3,361,000	2,293,000	269,000	800,000	975,000	375,000	600,000	542,000	152,000	390,000
S&E fields	7,415,000	5,557,000	4,605,000	451,000	500,000	886,000	380,000	507,000	972,000	348,000	624,000
Male	4,587,000	3,637,000	3,194,000	271,000	172,000	336,000	186,000	150,000	614,000	252,000	363,000
Female	2,828,000	1,920,000	1,411,000	180,000	329,000	550,000	194,000	357,000	358,000	97,000	261,000
Sciences	5,680,000	4,084,000	3,235,000	377,000	471,000	819,000	337,000	482,000	778,000	257,000	521,000
Male	3,061,000	2,329,000	1,969,000	210,000	150,000	286,000	152,000	135,000	446,000	172,000	274,000
Female	2,619,000	1,755,000	1,266,000	168,000	321,000	533,000	185,000	347,000	332,000	85,000	247,000
Biological/agricultural/environmental life sciences	1,151,000	788,000	598,000	82,000	108,000	195,000	113,000	82,000	167,000	62,000	106,000
Male	600,000	423,000	340,000	48,000	36,000	70,000	44,000	26,000	107,000	42,000	65,000
Female	551,000	365,000	258,000	35,000	72,000	125,000	69,000	56,000	61,000	20,000	40,000
Agricultural/food sciences	218,000	164,000	124,000	31,000	9,000	22,000	12,000	10,000	32,000	17,000	15,000
Male	135,000	100,000	77,000	20,000	3,000	12,000	7,000	5,000	23,000	14,000	9,000
Female	84,000	64,000	46,000	12,000	6,000	10,000	5,000	5,000	10,000	3,000	6,000
Biological sciences	807,000	547,000	411,000	47,000	89,000	162,000	95,000	67,000	98,000	36,000	63,000
Male	382,000	273,000	219,000	26,000	29,000	52,000	33,000	19,000	57,000	22,000	35,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	426,000	274,000	193,000	22,000	60,000	111,000	62,000	49,000	42,000	14,000	28,000
Environmental life sciences	125,000	77,000	63,000	4,000	10,000	11,000	7,000	5,000	37,000	9,000	28,000
Male	84,000	50,000	44,000	2,000	3,000	7,000	4,000	3,000	27,000	6,000	21,000
Female	41,000	27,000	19,000	2,000	6,000	4,000	2,000	2,000	10,000	3,000	7,000
Computer/mathematical sciences	1,123,000	902,000	804,000	43,000	56,000	128,000	48,000	80,000	93,000	41,000	52,000
Male	764,000	637,000	580,000	29,000	29,000	63,000	35,000	28,000	63,000	28,000	35,000
Female	359,000	265,000	224,000	14,000	27,000	65,000	13,000	52,000	29,000	13,000	17,000
Computer/information sciences	774,000	648,000	591,000	23,000	34,000	57,000	31,000	26,000	69,000	30,000	39,000
Male	556,000	473,000	438,000	16,000	19,000	36,000	24,000	11,000	47,000	20,000	27,000
Female	218,000	175,000	152,000	7,000	15,000	21,000	7,000	15,000	22,000	10,000	12,000
Mathematical sciences	349,000	253,000	213,000	19,000	21,000	71,000	17,000	54,000	24,000	12,000	12,000
Male	208,000	164,000	141,000	13,000	9,000	28,000	11,000	17,000	16,000	8,000	8,000
Female	141,000	90,000	71,000	6,000	12,000	43,000	6,000	37,000	8,000	3,000	4,000
Physical/related sciences	419,000	301,000	255,000	28,000	18,000	63,000	38,000	26,000	54,000	23,000	32,000
Male	296,000	223,000	194,000	23,000	7,000	34,000	20,000	14,000	39,000	16,000	23,000
Female	124,000	78,000	61,000	5,000	11,000	30,000	18,000	12,000	16,000	7,000	9,000
Chemistry, except biochemistry	206,000	154,000	136,000	8,000	11,000	31,000	20,000	12,000	20,000	7,000	13,000
Male	130,000	102,000	92,000	6,000	4,000	14,000	8,000	6,000	14,000	5,000	9,000
Female	76,000	53,000	44,000	2,000	7,000	17,000	12,000	6,000	6,000	2,000	4,000
Earth/atmospheric/ocean sciences	105,000	73,000	62,000	8,000	2,000	11,000	4,000	7,000	21,000	7,000	14,000
Male	84,000	62,000	53,000	8,000	S	6,000	1,000	5,000	15,000	5,000	10,000
Female	21,000	11,000	9,000	1,000	1,000	5,000	2,000	2,000	6,000	2,000	4,000
Physics/astronomy	74,000	50,000	41,000	7,000	3,000	16,000	10,000	6,000	7,000	7,000	1,000
Male	60,000	45,000	38,000	5,000	1,000	10,000	8,000	3,000	5,000	5,000	*
Female	14,000	6,000	3,000	2,000	1,000	5,000	2,000	3,000	3,000	2,000	S
Other physical sciences	34,000	24,000	17,000	4,000	S	5,000	4,000	1,000	6,000	2,000	4,000
Male	21,000	15,000	11,000	S	S	S	S	S	4,000	1,000	3,000
Female	13,000	9,000	6,000	S	S	3,000	S	S	1,000	1,000	1,000
Social/related sciences	2,988,000	2,093,000	1,578,000	225,000	290,000	432,000	137,000	295,000	463,000	131,000	332,000
Male	1,402,000	1,045,000	855,000	111,000	79,000	120,000	52,000	67,000	237,000	86,000	151,000
Female	1,586,000	1,048,000	723,000	114,000	211,000	313,000	85,000	228,000	226,000	45,000	181,000
Economics	504,000	444,000	374,000	48,000	21,000	28,000	17,000	11,000	32,000	16,000	16,000
Male	367,000	324,000	277,000	33,000	14,000	17,000	10,000	7,000	26,000	13,000	12,000
Female	137,000	120,000	97,000	15,000	7,000	11,000	6,000	4,000	6,000	2,000	4,000
Political/related sciences	561,000	412,000	327,000	44,000	42,000	58,000	21,000	36,000	91,000	38,000	53,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	339,000	252,000	213,000	23,000	16,000	25,000	11,000	14,000	62,000	28,000	34,000
Female	222,000	160,000	114,000	21,000	25,000	32,000	10,000	23,000	29,000	10,000	19,000
Psychology	921,000	595,000	423,000	59,000	113,000	186,000	53,000	133,000	141,000	27,000	114,000
Male	282,000	200,000	158,000	22,000	20,000	35,000	15,000	20,000	47,000	16,000	31,000
Female	639,000	395,000	265,000	37,000	93,000	151,000	38,000	112,000	94,000	11,000	83,000
Sociology/anthropology	676,000	429,000	293,000	48,000	89,000	101,000	29,000	72,000	146,000	30,000	116,000
Male	256,000	164,000	123,000	19,000	23,000	20,000	8,000	12,000	72,000	15,000	58,000
Female	420,000	265,000	170,000	29,000	66,000	81,000	21,000	60,000	73,000	15,000	58,000
Other social sciences	326,000	213,000	161,000	26,000	26,000	60,000	17,000	42,000	53,000	21,000	33,000
Male	157,000	105,000	85,000	14,000	6,000	22,000	8,000	14,000	30,000	14,000	16,000
Female	169,000	108,000	76,000	12,000	20,000	38,000	9,000	29,000	23,000	6,000	17,000
Engineering	1,735,000	1,473,000	1,371,000	74,000	29,000	67,000	43,000	24,000	195,000	92,000	103,000
Male	1,526,000	1,309,000	1,226,000	62,000	21,000	50,000	34,000	15,000	168,000	80,000	89,000
Female	209,000	165,000	145,000	12,000	8,000	18,000	8,000	9,000	27,000	12,000	15,000
Aerospace/related engineering	59,000	49,000	46,000	2,000	2,000	3,000	2,000	S	7,000	5,000	2,000
Male	54,000	44,000	44,000	*	S	2,000	2,000	S	7,000	5,000	S
Female	6,000	5,000	2,000	S	1,000	*	*	S	*	*	S
Chemical engineering	120,000	101,000	96,000	3,000	2,000	11,000	7,000	4,000	8,000	5,000	3,000
Male	89,000	78,000	74,000	3,000	1,000	7,000	6,000	1,000	4,000	2,000	2,000
Female	32,000	24,000	21,000	1,000	2,000	4,000	1,000	3,000	4,000	3,000	1,000
Civil/architectural engineering	295,000	219,000	202,000	13,000	4,000	7,000	4,000	4,000	68,000	14,000	54,000
Male	260,000	194,000	179,000	11,000	3,000	6,000	3,000	3,000	60,000	13,000	47,000
Female	35,000	25,000	23,000	1,000	S	2,000	1,000	S	8,000	1,000	7,000
Electrical/computer engineering	544,000	478,000	446,000	21,000	11,000	18,000	12,000	5,000	47,000	32,000	16,000
Male	490,000	433,000	406,000	17,000	10,000	14,000	11,000	3,000	42,000	28,000	14,000
Female	54,000	46,000	40,000	5,000	1,000	3,000	1,000	2,000	5,000	4,000	1,000
Industrial engineering	108,000	96,000	87,000	5,000	4,000	4,000	1,000	3,000	8,000	4,000	4,000
Male	87,000	81,000	75,000	4,000	2,000	2,000	1,000	S	4,000	3,000	1,000
Female	21,000	16,000	12,000	1,000	3,000	2,000	*	1,000	3,000	1,000	S
Mechanical engineering	405,000	357,000	336,000	19,000	2,000	13,000	8,000	5,000	34,000	22,000	13,000
Male	373,000	329,000	309,000	18,000	2,000	11,000	7,000	4,000	33,000	20,000	13,000
Female	33,000	29,000	27,000	1,000	S	2,000	1,000	2,000	2,000	1,000	S
Other engineering	203,000	171,000	157,000	11,000	3,000	11,000	9,000	2,000	21,000	10,000	11,000
Male	175,000	151,000	138,000	9,000	3,000	7,000	5,000	2,000	17,000	8,000	9,000
Female	29,000	21,000	18,000	2,000	S	4,000	4,000	1,000	3,000	1,000	2,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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
S&E-related fields	2,399,000	1,801,000	1,176,000	125,000	499,000	380,000	181,000	199,000	218,000	77,000	142,000
Male	815,000	662,000	517,000	60,000	86,000	70,000	25,000	45,000	83,000	32,000	50,000
Female	1,583,000	1,138,000	660,000	65,000	413,000	309,000	156,000	153,000	136,000	44,000	92,000
Health	1,731,000	1,287,000	747,000	65,000	474,000	273,000	166,000	107,000	170,000	59,000	111,000
Male	323,000	256,000	170,000	14,000	71,000	24,000	16,000	8,000	44,000	20,000	24,000
Female	1,407,000	1,032,000	577,000	51,000	404,000	250,000	150,000	100,000	126,000	39,000	87,000
Science/mathematics teacher education	159,000	72,000	54,000	12,000	7,000	80,000	4,000	76,000	7,000	3,000	5,000
Male	74,000	40,000	31,000	5,000	3,000	30,000	S	29,000	4,000	S	4,000
Female	85,000	32,000	22,000	6,000	4,000	50,000	S	47,000	3,000	2,000	S
Technology/technical fields	275,000	235,000	207,000	17,000	11,000	17,000	8,000	9,000	23,000	11,000	13,000
Male	241,000	208,000	184,000	16,000	9,000	12,000	6,000	6,000	21,000	10,000	11,000
Female	34,000	27,000	23,000	1,000	2,000	5,000	S	3,000	2,000	S	2,000
Other S&E-related fields	234,000	207,000	169,000	31,000	7,000	10,000	3,000	7,000	18,000	4,000	14,000
Male	177,000	159,000	131,000	24,000	3,000	5,000	S	S	14,000	S	11,000
Female	57,000	47,000	37,000	7,000	S	S	S	S	4,000	S	2,000
Non-S&E degrees	1,071,000	751,000	599,000	53,000	98,000	199,000	49,000	150,000	121,000	36,000	86,000
Male	604,000	447,000	377,000	30,000	41,000	84,000	24,000	60,000	73,000	24,000	49,000
Female	467,000	303,000	222,000	24,000	58,000	115,000	25,000	90,000	48,000	11,000	37,000
Arts/humanities	219,000	151,000	118,000	14,000	19,000	41,000	16,000	25,000	27,000	8,000	18,000
Male	126,000	93,000	74,000	8,000	10,000	19,000	8,000	11,000	15,000	5,000	9,000
Female	93,000	59,000	44,000	6,000	9,000	22,000	8,000	13,000	12,000	3,000	9,000
Education, except science/mathematics teacher education	182,000	71,000	56,000	5,000	10,000	96,000	8,000	87,000	15,000	3,000	12,000
Male	61,000	22,000	18,000	S	4,000	33,000	2,000	31,000	6,000	S	3,000
Female	121,000	49,000	38,000	4,000	7,000	62,000	6,000	56,000	10,000	S	9,000
Management/administration	411,000	338,000	281,000	20,000	36,000	32,000	13,000	18,000	42,000	13,000	29,000
Male	284,000	237,000	207,000	14,000	17,000	17,000	9,000	8,000	30,000	10,000	20,000
Female	127,000	100,000	75,000	6,000	19,000	15,000	5,000	10,000	12,000	3,000	9,000
Sales/marketing	52,000	46,000	39,000	S	6,000	2,000	S	S	4,000	S	S
Male	28,000	25,000	23,000	S	S	2,000	S	S	S	S	S
Female	24,000	21,000	16,000	S	S	S	S	S	S	S	S
Social services/related	35,000	26,000	19,000	S	5,000	4,000	2,000	S	5,000	S	4,000
Male	22,000	17,000	14,000	S	S	3,000	S	S	2,000	S	S
Female	13,000	9,000	5,000	S	3,000	S	S	S	3,000	S	3,000
Other non-S&E fields	172,000	118,000	85,000	12,000	21,000	25,000	8,000	17,000	29,000	9,000	20,000
Male	83,000	53,000	40,000	5,000	7,000	10,000	3,000	7,000	20,000	6,000	14,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	89,000	65,000	44,000	7,000	14,000	15,000	5,000	10,000	9,000	3,000	6,000
Master's degrees	5,384,000	3,242,000	2,402,000	323,000	517,000	1,485,000	407,000	1,078,000	656,000	247,000	409,000
Male	2,878,000	1,957,000	1,631,000	172,000	154,000	559,000	177,000	382,000	362,000	158,000	204,000
Female	2,506,000	1,285,000	771,000	151,000	363,000	926,000	229,000	697,000	294,000	89,000	205,000
S&E fields	2,022,000	1,321,000	1,065,000	119,000	136,000	426,000	195,000	231,000	275,000	123,000	152,000
Male	1,255,000	901,000	788,000	65,000	49,000	184,000	101,000	83,000	170,000	84,000	86,000
Female	767,000	419,000	277,000	55,000	87,000	242,000	94,000	149,000	105,000	39,000	66,000
Sciences	1,447,000	850,000	627,000	99,000	124,000	383,000	161,000	222,000	214,000	91,000	123,000
Male	765,000	493,000	405,000	48,000	39,000	152,000	75,000	77,000	120,000	57,000	63,000
Female	682,000	357,000	222,000	51,000	85,000	231,000	86,000	145,000	94,000	34,000	60,000
Biological/agricultural/environmental life sciences	210,000	111,000	74,000	14,000	23,000	62,000	36,000	26,000	37,000	18,000	19,000
Male	106,000	56,000	41,000	10,000	5,000	28,000	16,000	11,000	22,000	10,000	12,000
Female	104,000	55,000	33,000	4,000	18,000	34,000	19,000	15,000	15,000	8,000	7,000
Agricultural/food sciences	29,000	15,000	11,000	2,000	2,000	10,000	8,000	2,000	3,000	2,000	1,000
Male	16,000	7,000	6,000	S	S	7,000	5,000	1,000	2,000	1,000	S
Female	13,000	8,000	5,000	S	2,000	4,000	3,000	1,000	2,000	1,000	S
Biological sciences	148,000	78,000	52,000	10,000	16,000	47,000	25,000	22,000	23,000	9,000	14,000
Male	70,000	37,000	27,000	8,000	3,000	19,000	9,000	10,000	14,000	6,000	8,000
Female	78,000	41,000	25,000	2,000	13,000	28,000	16,000	12,000	9,000	4,000	6,000
Environmental life sciences	33,000	17,000	11,000	2,000	4,000	5,000	3,000	2,000	11,000	7,000	4,000
Male	20,000	11,000	8,000	S	2,000	2,000	2,000	S	7,000	3,000	4,000
Female	13,000	6,000	3,000	S	2,000	3,000	1,000	2,000	4,000	4,000	*
Computer/mathematical sciences	411,000	313,000	284,000	15,000	14,000	68,000	39,000	29,000	30,000	16,000	14,000
Male	279,000	224,000	207,000	8,000	9,000	35,000	23,000	13,000	20,000	12,000	8,000
Female	132,000	90,000	77,000	7,000	6,000	33,000	16,000	17,000	10,000	4,000	6,000
Computer/information sciences	309,000	254,000	232,000	11,000	11,000	34,000	22,000	12,000	22,000	12,000	10,000
Male	217,000	185,000	171,000	7,000	7,000	18,000	14,000	4,000	15,000	9,000	5,000
Female	92,000	69,000	61,000	5,000	4,000	16,000	9,000	7,000	7,000	2,000	5,000
Mathematical sciences	102,000	60,000	52,000	4,000	4,000	34,000	16,000	18,000	8,000	5,000	4,000
Male	61,000	39,000	36,000	1,000	2,000	17,000	9,000	8,000	5,000	3,000	3,000
Female	40,000	21,000	16,000	3,000	2,000	17,000	7,000	9,000	3,000	2,000	1,000
Physical/related sciences	132,000	80,000	68,000	9,000	3,000	36,000	16,000	20,000	16,000	9,000	7,000
Male	95,000	58,000	51,000	6,000	1,000	24,000	11,000	13,000	13,000	7,000	5,000
Female	37,000	21,000	17,000	2,000	2,000	12,000	6,000	7,000	3,000	1,000	2,000
Chemistry, except biochemistry	43,000	27,000	25,000	2,000	1,000	12,000	5,000	8,000	3,000	1,000	2,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	26,000	17,000	16,000	S	S	6,000	2,000	4,000	2,000	1,000	1,000
Female	17,000	10,000	8,000	S	S	6,000	3,000	3,000	1,000	S	1,000
Earth/atmospheric/ocean sciences	50,000	29,000	22,000	5,000	1,000	11,000	4,000	7,000	11,000	6,000	5,000
Male	38,000	21,000	17,000	4,000	S	8,000	3,000	5,000	9,000	5,000	4,000
Female	12,000	8,000	6,000	S	S	3,000	1,000	2,000	2,000	1,000	1,000
Physics/astronomy	34,000	21,000	19,000	S	1,000	11,000	7,000	4,000	1,000	1,000	S
Male	29,000	19,000	17,000	S	S	9,000	6,000	3,000	1,000	1,000	S
Female	5,000	2,000	2,000	S	*	2,000	1,000	1,000	*	S	S
Other physical sciences	4,000	3,000	2,000	S	S	1,000	*	1,000	S	S	S
Male	2,000	1,000	S	S	S	S	S	S	S	S	S
Female	2,000	1,000	S	S	S	1,000	S	1,000	S	S	S
Social/related sciences	694,000	346,000	200,000	61,000	84,000	218,000	70,000	147,000	130,000	47,000	83,000
Male	285,000	155,000	106,000	24,000	25,000	65,000	25,000	40,000	65,000	27,000	38,000
Female	409,000	191,000	94,000	37,000	60,000	152,000	45,000	107,000	66,000	20,000	46,000
Economics	67,000	52,000	40,000	6,000	6,000	8,000	4,000	5,000	7,000	3,000	3,000
Male	45,000	37,000	29,000	5,000	3,000	5,000	3,000	2,000	4,000	2,000	1,000
Female	22,000	16,000	11,000	S	3,000	4,000	1,000	S	3,000	1,000	2,000
Political/related sciences	110,000	63,000	46,000	8,000	9,000	16,000	8,000	8,000	32,000	18,000	14,000
Male	65,000	34,000	28,000	3,000	3,000	8,000	3,000	5,000	22,000	15,000	7,000
Female	46,000	29,000	18,000	5,000	6,000	7,000	5,000	3,000	10,000	3,000	7,000
Psychology	379,000	177,000	84,000	38,000	55,000	141,000	33,000	107,000	62,000	15,000	46,000
Male	112,000	57,000	32,000	10,000	14,000	32,000	11,000	21,000	23,000	4,000	19,000
Female	268,000	120,000	51,000	28,000	41,000	108,000	22,000	86,000	39,000	11,000	28,000
Sociology/anthropology	56,000	24,000	12,000	5,000	6,000	18,000	11,000	7,000	14,000	4,000	10,000
Male	26,000	10,000	6,000	3,000	2,000	7,000	4,000	4,000	8,000	2,000	6,000
Female	31,000	13,000	7,000	2,000	5,000	11,000	7,000	4,000	6,000	2,000	4,000
Other social sciences	81,000	30,000	18,000	4,000	8,000	35,000	14,000	20,000	16,000	6,000	10,000
Male	38,000	17,000	11,000	2,000	3,000	12,000	4,000	8,000	9,000	4,000	5,000
Female	43,000	13,000	7,000	1,000	5,000	22,000	10,000	12,000	8,000	3,000	5,000
Engineering	575,000	470,000	438,000	20,000	12,000	43,000	34,000	9,000	62,000	32,000	29,000
Male	490,000	408,000	382,000	16,000	10,000	32,000	27,000	6,000	50,000	27,000	23,000
Female	85,000	62,000	56,000	4,000	2,000	11,000	7,000	4,000	12,000	5,000	6,000
Aerospace/related engineering	18,000	13,000	12,000	S	S	1,000	1,000	S	3,000	3,000	S
Male	17,000	12,000	12,000	S	S	1,000	1,000	S	3,000	3,000	S
Female	1,000	1,000	1,000	S	S	*	*	S	*	*	S

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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
Chemical engineering	27,000	23,000	21,000	S	1,000	2,000	1,000	1,000	2,000	1,000	2,000
Male	21,000	20,000	18,000	S	S	1,000	1,000	S	1,000	S	S
Female	6,000	3,000	3,000	S	S	1,000	*	S	2,000	S	1,000
Civil/architectural engineering	90,000	69,000	60,000	7,000	2,000	4,000	3,000	2,000	17,000	3,000	14,000
Male	76,000	60,000	53,000	5,000	2,000	3,000	2,000	1,000	13,000	2,000	11,000
Female	14,000	9,000	7,000	S	S	2,000	1,000	S	4,000	1,000	3,000
Electrical/computer engineering	210,000	186,000	176,000	6,000	4,000	13,000	11,000	2,000	11,000	9,000	2,000
Male	180,000	160,000	152,000	5,000	3,000	11,000	9,000	2,000	10,000	8,000	2,000
Female	30,000	26,000	24,000	S	1,000	2,000	2,000	S	2,000	1,000	S
Industrial engineering	34,000	28,000	25,000	2,000	1,000	3,000	2,000	S	4,000	3,000	1,000
Male	27,000	23,000	21,000	1,000	S	2,000	2,000	S	2,000	1,000	S
Female	7,000	5,000	4,000	S	S	*	*	S	1,000	1,000	S
Mechanical engineering	84,000	70,000	67,000	1,000	2,000	7,000	6,000	1,000	7,000	5,000	2,000
Male	77,000	65,000	62,000	1,000	1,000	6,000	5,000	S	7,000	5,000	2,000
Female	7,000	6,000	5,000	S	S	1,000	1,000	S	S	S	S
Other engineering	112,000	82,000	76,000	3,000	2,000	13,000	10,000	3,000	18,000	9,000	9,000
Male	93,000	69,000	65,000	3,000	1,000	9,000	7,000	2,000	15,000	7,000	8,000
Female	20,000	13,000	12,000	S	S	4,000	3,000	S	3,000	2,000	1,000
S&E-related fields	1,012,000	565,000	334,000	65,000	167,000	328,000	86,000	242,000	119,000	38,000	82,000
Male	314,000	190,000	135,000	27,000	28,000	83,000	21,000	62,000	41,000	10,000	31,000
Female	699,000	374,000	199,000	37,000	138,000	245,000	65,000	181,000	79,000	28,000	51,000
Health	704,000	436,000	235,000	42,000	159,000	183,000	72,000	111,000	86,000	32,000	54,000
Male	141,000	97,000	62,000	9,000	25,000	23,000	14,000	8,000	21,000	6,000	16,000
Female	564,000	339,000	173,000	33,000	133,000	160,000	57,000	103,000	65,000	26,000	39,000
Science/mathematics teacher education	168,000	26,000	15,000	10,000	2,000	132,000	8,000	124,000	10,000	S	8,000
Male	69,000	12,000	6,000	6,000	S	53,000	4,000	49,000	5,000	S	3,000
Female	99,000	15,000	9,000	S	S	79,000	4,000	76,000	5,000	S	5,000
Technology/technical fields	50,000	39,000	35,000	S	S	6,000	3,000	4,000	4,000	3,000	1,000
Male	40,000	33,000	29,000	S	S	4,000	1,000	3,000	3,000	S	1,000
Female	10,000	6,000	6,000	S	S	2,000	S	S	S	S	S
Other S&E-related fields	90,000	64,000	49,000	11,000	4,000	7,000	4,000	S	19,000	2,000	18,000
Male	64,000	49,000	38,000	10,000	S	3,000	1,000	S	12,000	S	11,000
Female	26,000	15,000	11,000	S	3,000	4,000	2,000	S	7,000	S	7,000
Non-S&E fields	2,350,000	1,357,000	1,003,000	140,000	214,000	731,000	126,000	605,000	262,000	86,000	175,000
Male	1,310,000	866,000	708,000	81,000	77,000	292,000	55,000	237,000	151,000	65,000	87,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	1,040,000	491,000	295,000	59,000	137,000	439,000	71,000	368,000	110,000	22,000	88,000
Arts/humanities	92,000	48,000	32,000	10,000	5,000	36,000	10,000	26,000	7,000	1,000	6,000
Male	41,000	22,000	16,000	3,000	4,000	18,000	4,000	14,000	2,000	S	S
Female	50,000	25,000	17,000	8,000	S	19,000	6,000	13,000	6,000	S	6,000
Education, except science/mathematics teacher education	681,000	129,000	66,000	27,000	36,000	521,000	37,000	484,000	32,000	7,000	25,000
Male	263,000	55,000	34,000	13,000	8,000	191,000	11,000	181,000	17,000	5,000	12,000
Female	418,000	74,000	32,000	14,000	27,000	330,000	26,000	304,000	15,000	2,000	13,000
Management/administration	962,000	805,000	697,000	59,000	50,000	68,000	33,000	35,000	88,000	44,000	44,000
Male	704,000	603,000	537,000	44,000	21,000	38,000	17,000	21,000	63,000	33,000	31,000
Female	258,000	202,000	159,000	15,000	28,000	30,000	17,000	14,000	25,000	11,000	14,000
Sales/marketing	92,000	82,000	72,000	4,000	5,000	7,000	3,000	4,000	4,000	S	3,000
Male	65,000	58,000	54,000	2,000	S	4,000	S	2,000	3,000	S	S
Female	27,000	23,000	18,000	S	S	S	S	S	S	S	S
Social services/related	276,000	178,000	58,000	27,000	93,000	51,000	18,000	32,000	47,000	8,000	39,000
Male	103,000	67,000	24,000	11,000	32,000	20,000	8,000	11,000	17,000	6,000	11,000
Female	172,000	111,000	34,000	16,000	61,000	31,000	10,000	21,000	30,000	2,000	28,000
Other non-S&E fields	248,000	116,000	78,000	12,000	26,000	48,000	24,000	23,000	84,000	26,000	58,000
Male	133,000	62,000	43,000	9,000	10,000	22,000	14,000	8,000	50,000	19,000	31,000
Female	114,000	55,000	34,000	4,000	16,000	26,000	11,000	15,000	34,000	7,000	27,000
Doctorate degrees	883,000	379,000	271,000	52,000	56,000	433,000	377,000	56,000	72,000	47,000	25,000
Male	616,000	283,000	217,000	31,000	36,000	281,000	250,000	31,000	51,000	34,000	17,000
Female	267,000	95,000	54,000	21,000	21,000	152,000	127,000	25,000	21,000	13,000	8,000
S&E fields	699,000	319,000	234,000	43,000	42,000	320,000	295,000	25,000	61,000	41,000	19,000
Male	509,000	246,000	193,000	27,000	26,000	220,000	206,000	14,000	43,000	30,000	13,000
Female	191,000	73,000	41,000	16,000	16,000	100,000	90,000	11,000	17,000	12,000	6,000
Sciences	573,000	237,000	163,000	38,000	37,000	284,000	260,000	23,000	52,000	35,000	16,000
Male	394,000	171,000	127,000	22,000	22,000	188,000	175,000	13,000	36,000	24,000	11,000
Female	179,000	67,000	36,000	16,000	15,000	96,000	86,000	11,000	16,000	11,000	5,000
Biological/agricultural/environmental life sciences	195,000	71,000	52,000	7,000	12,000	103,000	97,000	6,000	20,000	16,000	4,000
Male	132,000	50,000	38,000	5,000	7,000	68,000	65,000	4,000	14,000	11,000	3,000
Female	63,000	21,000	14,000	2,000	5,000	35,000	33,000	2,000	7,000	5,000	1,000
Agricultural/food sciences	19,000	8,000	6,000	1,000	1,000	9,000	8,000	1,000	2,000	2,000	*
Male	15,000	7,000	5,000	1,000	1,000	7,000	6,000	1,000	2,000	1,000	*
Female	4,000	1,000	1,000	*	S	2,000	2,000	*	*	*	S
Biological sciences	169,000	61,000	45,000	5,000	11,000	92,000	87,000	5,000	16,000	13,000	3,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	112,000	41,000	32,000	4,000	6,000	59,000	57,000	3,000	11,000	9,000	2,000
Female	58,000	20,000	13,000	2,000	5,000	32,000	30,000	2,000	6,000	5,000	1,000
Environmental life sciences	6,000	2,000	1,000	*	*	3,000	3,000	*	2,000	2,000	*
Male	5,000	1,000	1,000	*	*	2,000	2,000	S	2,000	1,000	*
Female	2,000	*	*	S	*	1,000	1,000	S	*	*	S
Computer/mathematical sciences	52,000	21,000	18,000	1,000	2,000	28,000	27,000	1,000	2,000	2,000	1,000
Male	43,000	19,000	16,000	1,000	1,000	23,000	21,000	1,000	2,000	1,000	1,000
Female	9,000	3,000	2,000	*	*	6,000	5,000	*	*	*	S
Computer/information sciences	19,000	11,000	10,000	*	*	8,000	8,000	*	1,000	*	*
Male	16,000	10,000	9,000	*	*	6,000	6,000	*	*	*	*
Female	3,000	1,000	1,000	S	*	2,000	2,000	S	*	S	S
Mathematical sciences	33,000	11,000	9,000	1,000	1,000	20,000	19,000	1,000	2,000	1,000	*
Male	27,000	9,000	8,000	1,000	1,000	16,000	15,000	1,000	1,000	1,000	*
Female	6,000	2,000	1,000	*	*	4,000	3,000	*	*	*	S
Physical/related sciences	137,000	73,000	61,000	5,000	8,000	52,000	48,000	5,000	12,000	8,000	4,000
Male	115,000	63,000	52,000	4,000	6,000	42,000	39,000	3,000	10,000	7,000	3,000
Female	22,000	10,000	9,000	1,000	1,000	10,000	9,000	1,000	2,000	1,000	1,000
Chemistry, except biochemistry	71,000	44,000	39,000	3,000	3,000	23,000	20,000	3,000	4,000	3,000	1,000
Male	57,000	36,000	32,000	2,000	2,000	17,000	16,000	2,000	3,000	2,000	1,000
Female	13,000	8,000	7,000	*	1,000	5,000	4,000	1,000	1,000	1,000	*
Earth/atmospheric/ocean sciences	18,000	5,000	3,000	1,000	1,000	9,000	9,000	1,000	3,000	2,000	1,000
Male	14,000	4,000	3,000	1,000	1,000	7,000	7,000	*	3,000	2,000	1,000
Female	3,000	1,000	1,000	S	*	2,000	2,000	*	*	*	*
Physics/astronomy	47,000	23,000	18,000	2,000	4,000	19,000	18,000	1,000	4,000	3,000	1,000
Male	42,000	21,000	16,000	1,000	3,000	16,000	15,000	1,000	4,000	3,000	1,000
Female	5,000	2,000	1,000	S	*	3,000	2,000	*	*	*	*
Other physical sciences	3,000	1,000	1,000	S	*	1,000	1,000	S	*	*	S
Male	2,000	1,000	1,000	S	S	*	*	S	*	*	S
Female	1,000	*	S	S	S	1,000	*	S	*	S	S
Social/related sciences	188,000	71,000	31,000	25,000	15,000	100,000	89,000	11,000	17,000	9,000	8,000
Male	104,000	39,000	20,000	12,000	7,000	55,000	50,000	5,000	10,000	5,000	4,000
Female	85,000	32,000	11,000	13,000	8,000	45,000	39,000	7,000	7,000	4,000	3,000
Economics	23,000	7,000	5,000	1,000	1,000	13,000	12,000	1,000	3,000	3,000	*
Male	18,000	6,000	4,000	1,000	1,000	11,000	10,000	*	2,000	2,000	*
Female	5,000	1,000	1,000	*	*	2,000	2,000	*	1,000	1,000	*

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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
Political/related sciences	19,000	5,000	2,000	1,000	1,000	13,000	12,000	1,000	2,000	1,000	1,000
Male	14,000	4,000	2,000	1,000	1,000	9,000	9,000	1,000	1,000	1,000	1,000
Female	5,000	1,000	*	*	*	4,000	3,000	*	*	*	*
Psychology	102,000	50,000	19,000	20,000	10,000	43,000	36,000	7,000	9,000	4,000	5,000
Male	48,000	24,000	11,000	8,000	5,000	19,000	16,000	3,000	5,000	2,000	3,000
Female	55,000	26,000	8,000	12,000	6,000	24,000	20,000	5,000	4,000	2,000	2,000
Sociology/anthropology	27,000	5,000	2,000	1,000	2,000	19,000	18,000	1,000	2,000	1,000	1,000
Male	14,000	3,000	1,000	1,000	1,000	10,000	9,000	1,000	1,000	1,000	1,000
Female	13,000	3,000	1,000	1,000	1,000	9,000	9,000	1,000	1,000	1,000	*
Other social sciences	17,000	5,000	3,000	1,000	1,000	12,000	10,000	1,000	1,000	1,000	1,000
Male	10,000	3,000	2,000	1,000	*	6,000	6,000	*	1,000	*	*
Female	7,000	1,000	1,000	*	*	5,000	5,000	1,000	1,000	*	*
Engineering	127,000	82,000	71,000	5,000	5,000	36,000	35,000	1,000	9,000	6,000	3,000
Male	115,000	75,000	66,000	5,000	4,000	32,000	31,000	1,000	8,000	5,000	2,000
Female	12,000	6,000	6,000	*	1,000	4,000	4,000	*	1,000	1,000	1,000
Aerospace/related engineering	6,000	4,000	3,000	1,000	*	2,000	2,000	S	1,000	1,000	S
Male	6,000	3,000	3,000	1,000	*	2,000	2,000	S	1,000	1,000	S
Female	*	*	S	S	S	*	*	S	S	S	S
Chemical engineering	17,000	13,000	11,000	1,000	1,000	4,000	3,000	*	1,000	1,000	*
Male	16,000	12,000	10,000	1,000	1,000	3,000	3,000	*	1,000	*	*
Female	2,000	1,000	1,000	S	S	*	*	S	*	S	S
Civil/architectural engineering	11,000	6,000	5,000	*	*	4,000	4,000	S	2,000	1,000	1,000
Male	10,000	5,000	5,000	*	*	3,000	3,000	S	1,000	1,000	1,000
Female	1,000	*	*	S	S	*	*	S	*	S	*
Electrical/computer engineering	37,000	25,000	22,000	1,000	1,000	11,000	10,000	*	2,000	1,000	*
Male	34,000	23,000	21,000	1,000	1,000	9,000	9,000	*	2,000	1,000	*
Female	3,000	2,000	2,000	S	*	1,000	1,000	S	*	S	S
Industrial engineering	3,000	2,000	1,000	S	S	2,000	2,000	S	*	*	S
Male	3,000	2,000	1,000	S	S	1,000	1,000	S	S	S	S
Female	1,000	S	S	S	S	*	*	S	S	S	S
Mechanical engineering	17,000	11,000	10,000	1,000	*	5,000	4,000	*	1,000	1,000	*
Male	16,000	11,000	10,000	1,000	*	4,000	4,000	*	1,000	1,000	S
Female	1,000	*	*	S	S	*	*	S	S	S	S
Other engineering	35,000	22,000	19,000	1,000	1,000	10,000	10,000	*	3,000	2,000	1,000
Male	31,000	19,000	17,000	1,000	1,000	9,000	9,000	*	3,000	2,000	1,000

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	2,000	2,000	S	*	1,000	1,000	S	1,000	*	*
S&E-related fields	57,000	22,000	15,000	2,000	5,000	31,000	27,000	4,000	4,000	2,000	2,000
Male	29,000	13,000	10,000	1,000	2,000	14,000	12,000	1,000	2,000	1,000	1,000
Female	28,000	9,000	5,000	1,000	3,000	17,000	15,000	2,000	2,000	1,000	1,000
Health	41,000	17,000	11,000	2,000	4,000	20,000	19,000	1,000	4,000	2,000	1,000
Male	19,000	8,000	6,000	1,000	1,000	8,000	8,000	1,000	2,000	1,000	1,000
Female	23,000	9,000	5,000	1,000	3,000	12,000	11,000	1,000	2,000	1,000	1,000
Science/mathematics teacher education	8,000	S	S	S	S	7,000	5,000	2,000	S	S	S
Male	4,000	S	S	S	S	3,000	3,000	S	S	S	S
Female	4,000	S	S	S	S	4,000	2,000	S	S	S	S
Technology/technical fields	3,000	2,000	2,000	S	S	1,000	1,000	S	S	S	S
Male	3,000	2,000	2,000	S	S	1,000	1,000	S	S	S	S
Female	S	S	S	S	S	S	S	S	S	S	S
Other S&E-related fields	4,000	S	S	S	S	2,000	1,000	S	S	S	S
Male	3,000	S	S	S	S	S	S	S	S	S	S
Female	1,000	S	S	S	S	1,000	S	S	S	S	S
Non-S&E fields	127,000	38,000	21,000	7,000	10,000	82,000	55,000	27,000	7,000	3,000	4,000
Male	78,000	24,000	14,000	3,000	8,000	48,000	32,000	16,000	6,000	3,000	3,000
Female	49,000	14,000	7,000	4,000	2,000	34,000	23,000	11,000	1,000	S	S
Arts/humanities	18,000	4,000	S	S	S	12,000	11,000	1,000	S	S	S
Male	10,000	2,000	S	S	S	7,000	6,000	S	S	S	S
Female	8,000	S	S	S	S	5,000	5,000	S	S	S	S
Education, except science/mathematics teacher education	57,000	10,000	4,000	3,000	3,000	45,000	23,000	22,000	3,000	S	S
Male	30,000	5,000	S	S	2,000	23,000	12,000	11,000	S	S	S
Female	27,000	4,000	2,000	2,000	S	22,000	12,000	10,000	S	S	S
Management/administration	15,000	6,000	5,000	S	S	8,000	8,000	S	S	S	S
Male	12,000	5,000	4,000	S	S	7,000	6,000	S	S	S	S
Female	3,000	S	S	S	S	1,000	1,000	S	S	S	S
Sales/marketing	2,000	S	S	S	S	1,000	1,000	S	S	S	S
Male	1,000	S	S	S	S	1,000	1,000	S	S	S	S
Female	S	S	S	S	S	S	S	S	S	S	S
Social services/related	19,000	9,000	3,000	S	4,000	9,000	6,000	3,000	S	S	S
Male	15,000	8,000	3,000	S	4,000	7,000	4,000	3,000	S	S	S
Female	4,000	2,000	S	S	S	2,000	2,000	S	S	S	S

TABLE 12. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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 non-S&E fields	17,000	9,000	7,000	S	S	6,000	5,000	S	1,000	S	S
Male	10,000	5,000	3,000	S	S	3,000	3,000	S	S	S	S
Female	7,000	4,000	4,000	S	S	3,000	2,000	S	S	S	S

* = estimate < 500; S = 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. 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. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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]	18,927,000	5,212,000	3,341,000	11,482,000	2,110,000	7,788,000
Business/industry	13,137,000	3,570,000	965,000	8,667,000	1,699,000	5,677,000
4-year college/university	1,549,000	715,000	601,000	594,000	132,000	558,000
Other educational institution	2,014,000	353,000	1,577,000	826,000	75,000	497,000
Government	2,228,000	574,000	198,000	1,394,000	204,000	1,056,000
S&E fields	10,156,000	3,462,000	1,280,000	6,410,000	1,462,000	3,077,000
Business/industry	7,210,000	2,422,000	315,000	4,926,000	1,202,000	2,170,000
4-year college/university	871,000	509,000	305,000	326,000	91,000	192,000
Other educational institution	764,000	136,000	575,000	324,000	32,000	177,000
Government	1,311,000	396,000	85,000	834,000	137,000	539,000
Sciences	7,719,000	2,234,000	1,172,000	4,906,000	1,049,000	2,509,000
Business/industry	5,185,000	1,397,000	276,000	3,647,000	839,000	1,696,000
4-year college/university	760,000	431,000	268,000	299,000	71,000	175,000
Other educational institution	729,000	128,000	549,000	307,000	31,000	172,000
Government	1,045,000	278,000	79,000	653,000	109,000	466,000
Biological/agricultural/environmental life sciences	1,555,000	551,000	259,000	944,000	81,000	551,000
Business/industry	970,000	267,000	69,000	661,000	50,000	396,000
4-year college/university	246,000	174,000	70,000	91,000	9,000	60,000
Other educational institution	114,000	26,000	100,000	52,000	3,000	10,000
Government	225,000	84,000	20,000	140,000	19,000	86,000
Agricultural/food sciences	267,000	77,000	28,000	181,000	9,000	102,000
Business/industry	188,000	40,000	8,000	138,000	7,000	78,000
4-year college/university	28,000	19,000	8,000	12,000	1,000	7,000
Other educational institution	13,000	4,000	11,000	7,000	S	S
Government	38,000	13,000	1,000	25,000	1,000	17,000
Biological sciences	1,125,000	426,000	214,000	642,000	59,000	393,000
Business/industry	686,000	204,000	57,000	448,000	38,000	282,000
4-year college/university	206,000	148,000	59,000	73,000	6,000	51,000
Other educational institution	94,000	21,000	83,000	42,000	3,000	8,000
Government	138,000	53,000	14,000	80,000	12,000	53,000
Environmental life sciences	164,000	48,000	16,000	120,000	13,000	56,000
Business/industry	96,000	23,000	3,000	75,000	5,000	36,000
4-year college/university	12,000	7,000	3,000	6,000	1,000	2,000
Other educational institution	7,000	1,000	5,000	3,000	S	2,000
Government	50,000	17,000	5,000	35,000	6,000	17,000
Computer/mathematical sciences	1,586,000	596,000	158,000	869,000	690,000	284,000
Business/industry	1,237,000	477,000	26,000	722,000	587,000	224,000
4-year college/university	113,000	60,000	43,000	38,000	39,000	14,000
Other educational institution	110,000	17,000	84,000	42,000	14,000	13,000
Government	125,000	42,000	5,000	67,000	50,000	33,000
Computer/information sciences	1,103,000	446,000	54,000	582,000	572,000	184,000
Business/industry	913,000	374,000	18,000	497,000	493,000	145,000
4-year college/university	61,000	32,000	12,000	24,000	30,000	7,000
Other educational institution	38,000	8,000	22,000	14,000	10,000	7,000
Government	91,000	32,000	3,000	47,000	38,000	25,000
Mathematical sciences	483,000	150,000	105,000	287,000	118,000	100,000
Business/industry	324,000	103,000	8,000	225,000	94,000	79,000
4-year college/university	52,000	29,000	32,000	14,000	9,000	7,000
Other educational institution	73,000	9,000	63,000	28,000	4,000	6,000
Government	34,000	10,000	2,000	20,000	12,000	8,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Physical/related sciences	688,000	320,000	104,000	373,000	76,000	197,000
Business/industry	454,000	205,000	15,000	282,000	55,000	147,000
4-year college/university	102,000	70,000	40,000	25,000	11,000	14,000
Other educational institution	50,000	9,000	45,000	17,000	2,000	7,000
Government	82,000	36,000	4,000	48,000	9,000	30,000
Chemistry, except biochemistry	319,000	143,000	47,000	181,000	23,000	97,000
Business/industry	225,000	103,000	10,000	143,000	19,000	73,000
4-year college/university	44,000	30,000	16,000	11,000	2,000	8,000
Other educational institution	22,000	2,000	20,000	11,000	1,000	3,000
Government	28,000	9,000	1,000	16,000	1,000	13,000
Earth/atmospheric/ocean sciences	173,000	79,000	25,000	100,000	15,000	53,000
Business/industry	107,000	46,000	2,000	70,000	9,000	37,000
4-year college/university	17,000	11,000	8,000	5,000	1,000	2,000
Other educational institution	14,000	5,000	13,000	3,000	S	3,000
Government	35,000	16,000	3,000	22,000	4,000	12,000
Physics/astronomy	154,000	84,000	28,000	67,000	34,000	33,000
Business/industry	95,000	49,000	1,000	52,000	24,000	26,000
4-year college/university	35,000	27,000	16,000	7,000	7,000	3,000
Other educational institution	11,000	2,000	11,000	2,000	S	1,000
Government	13,000	7,000	S	6,000	3,000	3,000
Other physical sciences	41,000	14,000	4,000	25,000	4,000	13,000
Business/industry	27,000	7,000	1,000	17,000	3,000	11,000
4-year college/university	6,000	3,000	*	3,000	S	S
Other educational institution	2,000	S	2,000	1,000	S	S
Government	6,000	4,000	S	4,000	1,000	2,000
Social/related sciences	3,890,000	768,000	650,000	2,720,000	202,000	1,477,000
Business/industry	2,524,000	449,000	166,000	1,982,000	147,000	929,000
4-year college/university	298,000	126,000	115,000	144,000	13,000	88,000
Other educational institution	455,000	76,000	319,000	196,000	12,000	142,000
Government	613,000	117,000	50,000	398,000	31,000	318,000
Economics	594,000	120,000	41,000	483,000	38,000	187,000
Business/industry	503,000	89,000	12,000	438,000	32,000	160,000
4-year college/university	33,000	15,000	15,000	13,000	3,000	7,000
Other educational institution	16,000	3,000	13,000	6,000	S	4,000
Government	42,000	13,000	2,000	26,000	3,000	16,000
Political/related sciences	691,000	128,000	77,000	534,000	41,000	223,000
Business/industry	480,000	74,000	20,000	398,000	32,000	149,000
4-year college/university	42,000	17,000	18,000	21,000	2,000	11,000
Other educational institution	45,000	9,000	32,000	25,000	S	9,000
Government	125,000	28,000	8,000	91,000	6,000	54,000
Psychology	1,422,000	273,000	312,000	891,000	60,000	647,000
Business/industry	835,000	148,000	86,000	598,000	43,000	379,000
4-year college/university	124,000	55,000	43,000	60,000	4,000	39,000
Other educational institution	249,000	37,000	158,000	101,000	5,000	102,000
Government	213,000	33,000	23,000	132,000	8,000	127,000
Sociology/anthropology	759,000	142,000	132,000	526,000	36,000	288,000
Business/industry	459,000	80,000	32,000	356,000	24,000	161,000
4-year college/university	57,000	25,000	23,000	27,000	2,000	20,000
Other educational institution	81,000	12,000	64,000	34,000	3,000	17,000
Government	162,000	24,000	13,000	109,000	6,000	90,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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 social sciences	424,000	105,000	89,000	286,000	27,000	132,000
Business/industry	247,000	56,000	16,000	192,000	15,000	80,000
4-year college/university	42,000	14,000	16,000	22,000	2,000	11,000
Other educational institution	64,000	15,000	52,000	31,000	2,000	9,000
Government	71,000	19,000	4,000	40,000	8,000	31,000
Engineering	2,437,000	1,228,000	109,000	1,504,000	413,000	568,000
Business/industry	2,025,000	1,025,000	39,000	1,279,000	364,000	474,000
4-year college/university	112,000	78,000	38,000	28,000	20,000	17,000
Other educational institution	35,000	8,000	26,000	17,000	1,000	5,000
Government	265,000	117,000	7,000	180,000	28,000	73,000
Aerospace/related engineering	83,000	45,000	5,000	46,000	11,000	22,000
Business/industry	66,000	36,000	3,000	38,000	8,000	18,000
4-year college/university	5,000	3,000	1,000	2,000	1,000	*
Other educational institution	1,000	S	1,000	S	S	S
Government	12,000	7,000	S	6,000	1,000	4,000
Chemical engineering	165,000	82,000	11,000	105,000	15,000	45,000
Business/industry	137,000	68,000	3,000	92,000	13,000	37,000
4-year college/university	11,000	8,000	4,000	3,000	1,000	3,000
Other educational institution	5,000	2,000	4,000	1,000	S	S
Government	12,000	4,000	S	9,000	1,000	5,000
Civil/architectural engineering	396,000	166,000	13,000	304,000	28,000	89,000
Business/industry	294,000	125,000	4,000	231,000	21,000	69,000
4-year college/university	10,000	6,000	5,000	4,000	1,000	1,000
Other educational institution	6,000	1,000	4,000	3,000	S	S
Government	87,000	34,000	S	67,000	6,000	18,000
Electrical/computer engineering	791,000	441,000	34,000	399,000	258,000	149,000
Business/industry	689,000	385,000	14,000	353,000	236,000	129,000
4-year college/university	34,000	23,000	12,000	8,000	8,000	3,000
Other educational institution	8,000	2,000	6,000	3,000	1,000	1,000
Government	60,000	31,000	2,000	35,000	13,000	16,000
Industrial engineering	146,000	55,000	10,000	111,000	16,000	38,000
Business/industry	125,000	48,000	5,000	97,000	14,000	33,000
4-year college/university	5,000	3,000	3,000	1,000	1,000	1,000
Other educational institution	3,000	S	3,000	2,000	S	S
Government	12,000	3,000	S	11,000	1,000	3,000
Mechanical engineering	506,000	268,000	17,000	324,000	47,000	119,000
Business/industry	439,000	237,000	5,000	287,000	41,000	103,000
4-year college/university	18,000	13,000	6,000	4,000	4,000	3,000
Other educational institution	6,000	1,000	3,000	4,000	S	2,000
Government	42,000	16,000	3,000	29,000	2,000	12,000
Other engineering	351,000	171,000	18,000	214,000	38,000	106,000
Business/industry	275,000	127,000	5,000	181,000	30,000	85,000
4-year college/university	29,000	21,000	8,000	6,000	4,000	6,000
Other educational institution	6,000	2,000	4,000	2,000	S	1,000
Government	41,000	21,000	1,000	25,000	4,000	14,000
S&E-related fields	4,587,000	785,000	1,129,000	2,370,000	190,000	3,100,000
Business/industry	3,302,000	517,000	495,000	1,853,000	140,000	2,393,000
4-year college/university	432,000	119,000	189,000	146,000	14,000	292,000
Other educational institution	454,000	74,000	368,000	152,000	17,000	151,000
Government	399,000	75,000	77,000	218,000	20,000	263,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Health	3,596,000	466,000	875,000	1,753,000	83,000	2,830,000
Business/industry	2,654,000	283,000	467,000	1,402,000	57,000	2,183,000
4-year college/university	395,000	104,000	170,000	129,000	9,000	287,000
Other educational institution	229,000	29,000	166,000	56,000	6,000	129,000
Government	318,000	50,000	72,000	167,000	11,000	231,000
Science/mathematics teacher education	334,000	62,000	218,000	170,000	18,000	75,000
Business/industry	99,000	13,000	15,000	71,000	7,000	45,000
4-year college/university	17,000	7,000	13,000	7,000	S	2,000
Other educational institution	202,000	39,000	188,000	84,000	9,000	20,000
Government	17,000	4,000	2,000	8,000	S	8,000
Technology/technical fields	328,000	117,000	20,000	202,000	79,000	86,000
Business/industry	276,000	103,000	8,000	175,000	68,000	73,000
4-year college/university	12,000	3,000	S	6,000	4,000	2,000
Other educational institution	13,000	S	10,000	5,000	S	S
Government	27,000	8,000	S	16,000	6,000	10,000
Other S&E-related fields	329,000	140,000	17,000	245,000	10,000	109,000
Business/industry	273,000	119,000	5,000	206,000	9,000	92,000
4-year college/university	8,000	5,000	5,000	4,000	S	S
Other educational institution	10,000	S	5,000	7,000	S	S
Government	37,000	13,000	S	28,000	S	15,000
Non-S&E fields	4,184,000	965,000	932,000	2,702,000	457,000	1,611,000
Business/industry	2,624,000	631,000	155,000	1,888,000	356,000	1,114,000
4-year college/university	245,000	88,000	107,000	122,000	27,000	74,000
Other educational institution	796,000	143,000	634,000	351,000	26,000	169,000
Government	518,000	103,000	36,000	342,000	48,000	254,000
Arts/humanities	329,000	119,000	77,000	169,000	68,000	99,000
Business/industry	203,000	76,000	8,000	114,000	54,000	69,000
4-year college/university	38,000	15,000	18,000	18,000	6,000	13,000
Other educational institution	52,000	14,000	49,000	17,000	1,000	6,000
Government	36,000	13,000	2,000	20,000	6,000	11,000
Education, except science/mathematics teacher education	924,000	178,000	567,000	480,000	43,000	254,000
Business/industry	211,000	45,000	32,000	137,000	18,000	97,000
4-year college/university	69,000	26,000	36,000	35,000	1,000	19,000
Other educational institution	595,000	101,000	486,000	274,000	17,000	118,000
Government	49,000	6,000	13,000	33,000	6,000	20,000
Management/administration	1,387,000	379,000	97,000	1,069,000	256,000	340,000
Business/industry	1,148,000	319,000	37,000	920,000	215,000	273,000
4-year college/university	55,000	15,000	17,000	31,000	12,000	12,000
Other educational institution	53,000	11,000	38,000	26,000	4,000	9,000
Government	131,000	33,000	5,000	93,000	25,000	46,000
Sales/marketing	146,000	38,000	10,000	116,000	15,000	31,000
Business/industry	128,000	33,000	4,000	109,000	12,000	27,000
4-year college/university	5,000	3,000	2,000	2,000	S	S
Other educational institution	5,000	S	4,000	S	S	S
Government	7,000	2,000	S	5,000	2,000	S
Social services/related	342,000	54,000	85,000	188,000	16,000	221,000
Business/industry	223,000	30,000	46,000	130,000	13,000	154,000
4-year college/university	27,000	11,000	15,000	10,000	S	9,000
Other educational institution	38,000	4,000	17,000	15,000	S	23,000
Government	54,000	10,000	8,000	33,000	S	34,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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 non-S&E fields	1,056,000	197,000	96,000	680,000	59,000	667,000
Business/industry	711,000	127,000	28,000	478,000	43,000	494,000
4-year college/university	52,000	18,000	19,000	26,000	6,000	20,000
Other educational institution	52,000	12,000	40,000	18,000	3,000	13,000
Government	242,000	40,000	8,000	157,000	7,000	141,000
Bachelor's degrees, all fields	10,886,000	2,894,000	1,533,000	6,933,000	1,419,000	4,146,000
Business/industry	8,108,000	2,174,000	569,000	5,493,000	1,163,000	3,106,000
4-year college/university	610,000	238,000	152,000	264,000	75,000	253,000
Other educational institution	855,000	156,000	689,000	359,000	38,000	178,000
Government	1,312,000	326,000	122,000	816,000	143,000	609,000
S&E fields	7,415,000	2,161,000	788,000	4,996,000	1,023,000	2,309,000
Business/industry	5,557,000	1,635,000	244,000	3,972,000	844,000	1,693,000
4-year college/university	380,000	184,000	73,000	170,000	51,000	111,000
Other educational institution	507,000	86,000	398,000	233,000	23,000	88,000
Government	972,000	255,000	72,000	621,000	105,000	418,000
Sciences	5,680,000	1,362,000	728,000	3,856,000	759,000	1,879,000
Business/industry	4,084,000	947,000	217,000	2,993,000	610,000	1,330,000
4-year college/university	337,000	159,000	64,000	157,000	42,000	102,000
Other educational institution	482,000	82,000	382,000	219,000	22,000	84,000
Government	778,000	174,000	66,000	487,000	86,000	363,000
Biological/agricultural/environmental life sciences	1,151,000	319,000	165,000	744,000	61,000	452,000
Business/industry	788,000	175,000	56,000	557,000	38,000	334,000
4-year college/university	113,000	73,000	22,000	42,000	4,000	39,000
Other educational institution	82,000	21,000	71,000	39,000	2,000	7,000
Government	167,000	50,000	16,000	106,000	17,000	72,000
Agricultural/food sciences	218,000	48,000	18,000	155,000	8,000	90,000
Business/industry	164,000	27,000	6,000	124,000	6,000	71,000
4-year college/university	12,000	8,000	3,000	4,000	S	4,000
Other educational institution	10,000	3,000	9,000	5,000	S	S
Government	32,000	10,000	S	22,000	S	15,000
Biological sciences	807,000	242,000	137,000	495,000	43,000	317,000
Business/industry	547,000	132,000	47,000	371,000	28,000	236,000
4-year college/university	95,000	63,000	19,000	34,000	3,000	34,000
Other educational institution	67,000	17,000	59,000	32,000	2,000	5,000
Government	98,000	30,000	12,000	58,000	10,000	42,000
Environmental life sciences	125,000	30,000	10,000	94,000	11,000	44,000
Business/industry	77,000	16,000	3,000	61,000	4,000	27,000
4-year college/university	7,000	3,000	1,000	4,000	S	1,000
Other educational institution	5,000	1,000	4,000	2,000	S	S
Government	37,000	10,000	3,000	27,000	5,000	15,000
Computer/mathematical sciences	1,123,000	384,000	90,000	646,000	487,000	216,000
Business/industry	902,000	319,000	20,000	546,000	416,000	175,000
4-year college/university	48,000	24,000	8,000	19,000	23,000	6,000
Other educational institution	80,000	11,000	59,000	34,000	10,000	9,000
Government	93,000	30,000	4,000	47,000	38,000	26,000
Computer/information sciences	774,000	293,000	31,000	419,000	403,000	138,000
Business/industry	648,000	251,000	14,000	362,000	346,000	110,000
4-year college/university	31,000	14,000	2,000	13,000	18,000	4,000
Other educational institution	26,000	4,000	13,000	11,000	8,000	5,000
Government	69,000	25,000	2,000	33,000	30,000	20,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Mathematical sciences	349,000	91,000	59,000	227,000	85,000	78,000
Business/industry	253,000	69,000	6,000	184,000	69,000	64,000
4-year college/university	17,000	10,000	6,000	6,000	5,000	2,000
Other educational institution	54,000	7,000	46,000	23,000	2,000	4,000
Government	24,000	6,000	2,000	14,000	8,000	7,000
Physical/related sciences	419,000	156,000	45,000	251,000	44,000	147,000
Business/industry	301,000	108,000	11,000	200,000	33,000	112,000
4-year college/university	38,000	24,000	7,000	10,000	5,000	7,000
Other educational institution	26,000	5,000	24,000	8,000	1,000	3,000
Government	54,000	18,000	3,000	33,000	5,000	25,000
Chemistry, except biochemistry	206,000	74,000	23,000	127,000	16,000	76,000
Business/industry	154,000	56,000	9,000	104,000	13,000	59,000
4-year college/university	20,000	13,000	4,000	5,000	1,000	5,000
Other educational institution	12,000	1,000	10,000	6,000	S	S
Government	20,000	4,000	S	13,000	S	11,000
Earth/atmospheric/ocean sciences	105,000	39,000	11,000	67,000	9,000	37,000
Business/industry	73,000	26,000	1,000	52,000	6,000	25,000
4-year college/university	4,000	2,000	1,000	2,000	*	S
Other educational institution	7,000	3,000	7,000	1,000	S	1,000
Government	21,000	8,000	2,000	12,000	3,000	10,000
Physics/astronomy	74,000	31,000	8,000	37,000	17,000	21,000
Business/industry	50,000	21,000	1,000	29,000	11,000	17,000
4-year college/university	10,000	8,000	2,000	2,000	4,000	1,000
Other educational institution	6,000	1,000	6,000	1,000	S	S
Government	7,000	2,000	S	4,000	2,000	2,000
Other physical sciences	34,000	11,000	2,000	20,000	3,000	13,000
Business/industry	24,000	5,000	1,000	14,000	3,000	11,000
4-year college/university	4,000	S	S	S	S	S
Other educational institution	1,000	S	1,000	S	S	S
Government	6,000	4,000	S	3,000	S	2,000
Social/related sciences	2,988,000	503,000	427,000	2,214,000	166,000	1,065,000
Business/industry	2,093,000	344,000	130,000	1,690,000	123,000	709,000
4-year college/university	137,000	37,000	28,000	86,000	9,000	50,000
Other educational institution	295,000	45,000	227,000	137,000	8,000	66,000
Government	463,000	76,000	43,000	301,000	25,000	240,000
Economics	504,000	86,000	24,000	422,000	30,000	166,000
Business/industry	444,000	73,000	10,000	389,000	26,000	143,000
4-year college/university	17,000	3,000	4,000	10,000	S	5,000
Other educational institution	11,000	2,000	8,000	3,000	S	4,000
Government	32,000	8,000	S	20,000	2,000	14,000
Political/related sciences	561,000	86,000	55,000	442,000	32,000	184,000
Business/industry	412,000	56,000	17,000	343,000	26,000	126,000
4-year college/university	21,000	6,000	4,000	14,000	S	7,000
Other educational institution	36,000	7,000	27,000	20,000	S	8,000
Government	91,000	16,000	7,000	64,000	4,000	44,000
Psychology	921,000	155,000	189,000	629,000	50,000	347,000
Business/industry	595,000	101,000	60,000	448,000	37,000	220,000
4-year college/university	53,000	19,000	10,000	32,000	3,000	17,000
Other educational institution	133,000	18,000	102,000	62,000	3,000	31,000
Government	141,000	18,000	18,000	87,000	7,000	78,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Sociology/anthropology	676,000	101,000	104,000	486,000	33,000	265,000
Business/industry	429,000	67,000	31,000	337,000	22,000	152,000
4-year college/university	29,000	7,000	6,000	18,000	S	15,000
Other educational institution	72,000	9,000	56,000	31,000	S	17,000
Government	146,000	18,000	12,000	100,000	6,000	81,000
Other social sciences	326,000	74,000	55,000	234,000	22,000	103,000
Business/industry	213,000	47,000	13,000	172,000	13,000	67,000
4-year college/university	17,000	2,000	4,000	12,000	1,000	6,000
Other educational institution	42,000	10,000	34,000	21,000	1,000	7,000
Government	53,000	15,000	4,000	30,000	6,000	23,000
Engineering	1,735,000	799,000	60,000	1,140,000	263,000	430,000
Business/industry	1,473,000	688,000	28,000	980,000	234,000	363,000
4-year college/university	43,000	26,000	9,000	13,000	9,000	8,000
Other educational institution	24,000	4,000	17,000	14,000	S	4,000
Government	195,000	81,000	6,000	134,000	19,000	55,000
Aerospace/related engineering	59,000	29,000	3,000	36,000	6,000	18,000
Business/industry	49,000	24,000	2,000	30,000	6,000	15,000
4-year college/university	2,000	1,000	S	1,000	*	*
Other educational institution	S	S	S	S	S	S
Government	7,000	4,000	S	4,000	1,000	3,000
Chemical engineering	120,000	55,000	8,000	81,000	9,000	36,000
Business/industry	101,000	46,000	2,000	72,000	8,000	30,000
4-year college/university	7,000	5,000	2,000	2,000	1,000	2,000
Other educational institution	4,000	S	3,000	1,000	S	S
Government	8,000	3,000	S	6,000	*	3,000
Civil/architectural engineering	295,000	115,000	7,000	234,000	19,000	63,000
Business/industry	219,000	88,000	2,000	176,000	14,000	48,000
4-year college/university	4,000	2,000	1,000	2,000	S	*
Other educational institution	4,000	S	3,000	2,000	S	S
Government	68,000	25,000	S	54,000	5,000	15,000
Electrical/computer engineering	544,000	280,000	19,000	295,000	169,000	114,000
Business/industry	478,000	248,000	10,000	261,000	155,000	99,000
4-year college/university	12,000	7,000	3,000	4,000	4,000	1,000
Other educational institution	5,000	1,000	4,000	3,000	S	S
Government	47,000	24,000	2,000	28,000	9,000	12,000
Industrial engineering	108,000	35,000	7,000	87,000	10,000	29,000
Business/industry	96,000	32,000	4,000	77,000	9,000	27,000
4-year college/university	1,000	1,000	*	*	*	S
Other educational institution	3,000	S	3,000	2,000	S	S
Government	8,000	2,000	S	7,000	S	2,000
Mechanical engineering	405,000	201,000	11,000	272,000	29,000	102,000
Business/industry	357,000	181,000	4,000	243,000	26,000	88,000
4-year college/university	8,000	5,000	2,000	2,000	1,000	1,000
Other educational institution	5,000	S	2,000	4,000	S	S
Government	34,000	13,000	3,000	23,000	2,000	11,000
Other engineering	203,000	84,000	6,000	135,000	20,000	68,000
Business/industry	171,000	69,000	3,000	121,000	16,000	56,000
4-year college/university	9,000	5,000	1,000	2,000	2,000	3,000
Other educational institution	2,000	S	1,000	S	S	S
Government	21,000	10,000	S	11,000	S	9,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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-related fields	2,399,000	407,000	548,000	1,301,000	140,000	1,512,000
Business/industry	1,801,000	302,000	272,000	1,050,000	111,000	1,170,000
4-year college/university	181,000	33,000	73,000	66,000	10,000	128,000
Other educational institution	199,000	37,000	161,000	62,000	8,000	69,000
Government	218,000	34,000	41,000	122,000	11,000	145,000
Health	1,731,000	192,000	442,000	854,000	59,000	1,317,000
Business/industry	1,287,000	131,000	254,000	685,000	44,000	1,005,000
4-year college/university	166,000	28,000	68,000	57,000	6,000	127,000
Other educational institution	107,000	15,000	81,000	23,000	3,000	59,000
Government	170,000	17,000	39,000	90,000	6,000	126,000
Science/mathematics teacher education	159,000	29,000	80,000	89,000	7,000	48,000
Business/industry	72,000	7,000	8,000	52,000	4,000	35,000
4-year college/university	4,000	S	S	S	S	S
Other educational institution	76,000	19,000	69,000	30,000	3,000	9,000
Government	7,000	1,000	S	4,000	S	4,000
Technology/technical fields	275,000	92,000	14,000	173,000	64,000	76,000
Business/industry	235,000	82,000	6,000	152,000	54,000	65,000
4-year college/university	8,000	1,000	S	5,000	3,000	S
Other educational institution	9,000	S	6,000	4,000	S	S
Government	23,000	6,000	S	13,000	5,000	8,000
Other S&E-related fields	234,000	94,000	11,000	183,000	9,000	72,000
Business/industry	207,000	82,000	5,000	162,000	9,000	65,000
4-year college/university	3,000	S	S	S	S	S
Other educational institution	7,000	S	S	5,000	S	S
Government	18,000	8,000	S	14,000	S	6,000
Non-S&E fields	1,071,000	327,000	198,000	636,000	257,000	325,000
Business/industry	751,000	237,000	53,000	471,000	207,000	243,000
4-year college/university	49,000	20,000	6,000	28,000	14,000	14,000
Other educational institution	150,000	32,000	129,000	64,000	8,000	21,000
Government	121,000	38,000	9,000	73,000	27,000	46,000
Arts/humanities	219,000	83,000	33,000	117,000	56,000	67,000
Business/industry	151,000	58,000	6,000	84,000	44,000	50,000
4-year college/university	16,000	8,000	2,000	9,000	5,000	6,000
Other educational institution	25,000	6,000	24,000	10,000	S	3,000
Government	27,000	11,000	S	13,000	6,000	9,000
Education, except science/mathematics teacher education	182,000	33,000	96,000	96,000	17,000	53,000
Business/industry	71,000	14,000	12,000	41,000	12,000	32,000
4-year college/university	8,000	4,000	3,000	4,000	S	S
Other educational institution	87,000	13,000	77,000	42,000	S	12,000
Government	15,000	3,000	4,000	10,000	2,000	7,000
Management/administration	411,000	131,000	34,000	262,000	134,000	117,000
Business/industry	338,000	108,000	19,000	223,000	110,000	94,000
4-year college/university	13,000	4,000	S	9,000	6,000	3,000
Other educational institution	18,000	7,000	13,000	6,000	3,000	3,000
Government	42,000	12,000	S	24,000	15,000	17,000
Sales/marketing	52,000	17,000	5,000	37,000	8,000	13,000
Business/industry	46,000	14,000	S	34,000	6,000	12,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	4,000	S	S	S	S	S

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Social services/related	35,000	8,000	6,000	21,000	9,000	16,000
Business/industry	26,000	6,000	3,000	13,000	8,000	12,000
4-year college/university	2,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	5,000	S	S	5,000	S	S
Other non-S&E fields	172,000	55,000	24,000	103,000	34,000	60,000
Business/industry	118,000	37,000	9,000	75,000	27,000	44,000
4-year college/university	8,000	3,000	S	3,000	3,000	S
Other educational institution	17,000	6,000	14,000	5,000	S	S
Government	29,000	9,000	2,000	20,000	2,000	12,000
Master's degrees, all fields	5,384,000	1,566,000	1,290,000	3,221,000	606,000	1,878,000
Business/industry	3,242,000	1,030,000	250,000	2,173,000	478,000	1,176,000
4-year college/university	407,000	171,000	150,000	174,000	41,000	133,000
Other educational institution	1,078,000	183,000	836,000	432,000	35,000	299,000
Government	656,000	182,000	53,000	441,000	52,000	271,000
S&E fields	2,022,000	846,000	292,000	1,119,000	380,000	601,000
Business/industry	1,321,000	588,000	58,000	788,000	317,000	373,000
4-year college/university	195,000	112,000	62,000	68,000	29,000	44,000
Other educational institution	231,000	44,000	160,000	83,000	9,000	80,000
Government	275,000	101,000	11,000	180,000	26,000	104,000
Sciences	1,447,000	510,000	264,000	805,000	250,000	480,000
Business/industry	850,000	312,000	48,000	524,000	203,000	275,000
4-year college/university	161,000	86,000	54,000	63,000	20,000	39,000
Other educational institution	222,000	41,000	152,000	81,000	8,000	79,000
Government	214,000	71,000	10,000	138,000	19,000	88,000
Biological/agricultural/environmental life sciences	210,000	95,000	46,000	113,000	13,000	62,000
Business/industry	111,000	48,000	10,000	64,000	8,000	42,000
4-year college/university	36,000	25,000	9,000	15,000	2,000	7,000
Other educational institution	26,000	4,000	24,000	10,000	S	2,000
Government	37,000	19,000	3,000	23,000	2,000	10,000
Agricultural/food sciences	29,000	17,000	6,000	17,000	*	8,000
Business/industry	15,000	9,000	2,000	8,000	S	6,000
4-year college/university	8,000	6,000	2,000	6,000	S	2,000
Other educational institution	2,000	S	2,000	1,000	S	S
Government	3,000	2,000	S	2,000	S	1,000
Biological sciences	148,000	65,000	35,000	74,000	10,000	42,000
Business/industry	78,000	33,000	7,000	43,000	7,000	28,000
4-year college/university	25,000	18,000	6,000	9,000	1,000	5,000
Other educational institution	22,000	3,000	20,000	8,000	S	2,000
Government	23,000	11,000	2,000	14,000	1,000	8,000
Environmental life sciences	33,000	14,000	4,000	23,000	2,000	11,000
Business/industry	17,000	6,000	S	13,000	1,000	8,000
4-year college/university	3,000	2,000	S	1,000	S	S
Other educational institution	2,000	S	2,000	S	S	S
Government	11,000	6,000	S	8,000	1,000	1,000
Computer/mathematical sciences	411,000	177,000	46,000	208,000	189,000	63,000
Business/industry	313,000	143,000	6,000	167,000	161,000	47,000
4-year college/university	39,000	17,000	15,000	14,000	14,000	6,000
Other educational institution	29,000	6,000	24,000	8,000	3,000	4,000
Government	30,000	10,000	S	19,000	11,000	7,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Computer/information sciences	309,000	139,000	17,000	157,000	162,000	44,000
Business/industry	254,000	117,000	4,000	131,000	141,000	33,000
4-year college/university	22,000	12,000	4,000	9,000	11,000	3,000
Other educational institution	12,000	4,000	8,000	3,000	2,000	2,000
Government	22,000	7,000	S	14,000	8,000	5,000
Mathematical sciences	102,000	37,000	28,000	51,000	27,000	19,000
Business/industry	60,000	26,000	2,000	37,000	20,000	13,000
4-year college/university	16,000	6,000	11,000	5,000	3,000	3,000
Other educational institution	18,000	2,000	16,000	5,000	1,000	2,000
Government	8,000	3,000	S	5,000	3,000	1,000
Physical/related sciences	132,000	67,000	26,000	64,000	18,000	31,000
Business/industry	80,000	44,000	2,000	44,000	13,000	22,000
4-year college/university	16,000	11,000	6,000	2,000	2,000	3,000
Other educational institution	20,000	3,000	18,000	8,000	S	3,000
Government	16,000	9,000	1,000	10,000	2,000	3,000
Chemistry, except biochemistry	43,000	21,000	10,000	20,000	5,000	10,000
Business/industry	27,000	16,000	1,000	14,000	4,000	7,000
4-year college/university	5,000	3,000	1,000	*	S	1,000
Other educational institution	8,000	1,000	7,000	4,000	S	S
Government	3,000	2,000	S	1,000	S	1,000
Earth/atmospheric/ocean sciences	50,000	27,000	8,000	26,000	4,000	14,000
Business/industry	29,000	16,000	S	15,000	3,000	10,000
4-year college/university	4,000	3,000	1,000	1,000	*	1,000
Other educational institution	7,000	2,000	5,000	2,000	S	S
Government	11,000	6,000	S	8,000	1,000	2,000
Physics/astronomy	34,000	18,000	8,000	15,000	9,000	7,000
Business/industry	21,000	11,000	S	12,000	7,000	5,000
4-year college/university	7,000	5,000	3,000	1,000	1,000	*
Other educational institution	4,000	1,000	4,000	1,000	S	S
Government	1,000	1,000	S	1,000	S	S
Other physical sciences	4,000	1,000	1,000	4,000	S	S
Business/industry	3,000	S	S	2,000	S	S
4-year college/university	*	*	S	S	S	S
Other educational institution	1,000	S	1,000	S	S	S
Government	S	S	S	S	S	S
Social/related sciences	694,000	171,000	147,000	420,000	30,000	324,000
Business/industry	346,000	77,000	30,000	248,000	20,000	164,000
4-year college/university	70,000	33,000	25,000	31,000	2,000	23,000
Other educational institution	147,000	28,000	86,000	54,000	3,000	69,000
Government	130,000	33,000	6,000	86,000	4,000	68,000
Economics	67,000	18,000	7,000	53,000	7,000	16,000
Business/industry	52,000	12,000	S	45,000	6,000	14,000
4-year college/university	4,000	2,000	2,000	1,000	S	1,000
Other educational institution	5,000	S	4,000	S	S	S
Government	7,000	3,000	S	5,000	1,000	1,000
Political/related sciences	110,000	32,000	12,000	84,000	8,000	35,000
Business/industry	63,000	16,000	3,000	51,000	6,000	21,000
4-year college/university	8,000	3,000	4,000	4,000	S	3,000
Other educational institution	8,000	1,000	4,000	4,000	S	1,000
Government	32,000	11,000	S	25,000	2,000	10,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Psychology	379,000	76,000	90,000	209,000	8,000	228,000
Business/industry	177,000	31,000	21,000	119,000	5,000	110,000
4-year college/university	33,000	15,000	10,000	15,000	S	13,000
Other educational institution	107,000	17,000	55,000	35,000	2,000	65,000
Government	62,000	12,000	5,000	39,000	S	41,000
Sociology/anthropology	56,000	24,000	13,000	30,000	2,000	19,000
Business/industry	24,000	10,000	1,000	16,000	2,000	8,000
4-year college/university	11,000	7,000	4,000	4,000	S	3,000
Other educational institution	7,000	3,000	7,000	3,000	S	1,000
Government	14,000	4,000	1,000	7,000	S	8,000
Other social sciences	81,000	21,000	25,000	44,000	5,000	25,000
Business/industry	30,000	7,000	3,000	18,000	2,000	11,000
4-year college/university	14,000	5,000	5,000	7,000	1,000	4,000
Other educational institution	20,000	5,000	17,000	10,000	S	3,000
Government	16,000	3,000	S	9,000	1,000	7,000
Engineering	575,000	335,000	27,000	314,000	131,000	121,000
Business/industry	470,000	276,000	10,000	264,000	114,000	98,000
4-year college/university	34,000	27,000	8,000	5,000	9,000	6,000
Other educational institution	9,000	3,000	8,000	3,000	S	1,000
Government	62,000	29,000	1,000	42,000	7,000	16,000
Aerospace/related engineering	18,000	12,000	1,000	9,000	3,000	4,000
Business/industry	13,000	9,000	S	7,000	2,000	3,000
4-year college/university	1,000	1,000	*	S	1,000	S
Other educational institution	S	S	S	S	S	S
Government	3,000	2,000	S	1,000	1,000	1,000
Chemical engineering	27,000	13,000	1,000	17,000	3,000	6,000
Business/industry	23,000	12,000	1,000	14,000	3,000	5,000
4-year college/university	1,000	1,000	S	S	S	*
Other educational institution	1,000	S	1,000	S	S	S
Government	2,000	1,000	S	2,000	S	2,000
Civil/architectural engineering	90,000	44,000	4,000	66,000	8,000	24,000
Business/industry	69,000	34,000	S	52,000	6,000	20,000
4-year college/university	3,000	1,000	1,000	S	1,000	S
Other educational institution	2,000	S	2,000	S	S	S
Government	17,000	8,000	S	13,000	1,000	3,000
Electrical/computer engineering	210,000	133,000	9,000	91,000	82,000	31,000
Business/industry	186,000	117,000	4,000	83,000	75,000	27,000
4-year college/university	11,000	9,000	3,000	2,000	3,000	1,000
Other educational institution	2,000	S	1,000	S	S	S
Government	11,000	6,000	S	6,000	3,000	3,000
Industrial engineering	34,000	17,000	2,000	23,000	6,000	8,000
Business/industry	28,000	14,000	1,000	19,000	5,000	6,000
4-year college/university	2,000	1,000	1,000	S	*	S
Other educational institution	S	S	S	S	S	S
Government	4,000	1,000	S	3,000	S	1,000
Mechanical engineering	84,000	55,000	3,000	46,000	15,000	15,000
Business/industry	70,000	48,000	1,000	39,000	12,000	13,000
4-year college/university	6,000	5,000	2,000	1,000	2,000	S
Other educational institution	1,000	S	1,000	S	S	S
Government	7,000	2,000	S	6,000	S	2,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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 engineering	112,000	61,000	7,000	64,000	14,000	32,000
Business/industry	82,000	42,000	2,000	50,000	11,000	25,000
4-year college/university	10,000	8,000	2,000	1,000	1,000	2,000
Other educational institution	3,000	S	3,000	1,000	S	S
Government	18,000	9,000	S	12,000	2,000	5,000
S&E-related fields	1,012,000	215,000	362,000	505,000	38,000	547,000
Business/industry	565,000	124,000	112,000	312,000	21,000	357,000
4-year college/university	86,000	25,000	35,000	40,000	1,000	43,000
Other educational institution	242,000	34,000	197,000	86,000	9,000	80,000
Government	119,000	31,000	18,000	68,000	7,000	67,000
Health	704,000	121,000	221,000	340,000	14,000	473,000
Business/industry	436,000	65,000	103,000	228,000	6,000	313,000
4-year college/university	72,000	22,000	27,000	34,000	1,000	40,000
Other educational institution	111,000	12,000	76,000	30,000	3,000	67,000
Government	86,000	22,000	16,000	48,000	4,000	53,000
Science/mathematics teacher education	168,000	30,000	132,000	78,000	11,000	27,000
Business/industry	26,000	5,000	7,000	19,000	2,000	10,000
4-year college/university	8,000	2,000	5,000	3,000	S	2,000
Other educational institution	124,000	20,000	117,000	53,000	6,000	11,000
Government	10,000	S	2,000	3,000	S	3,000
Technology/technical fields	50,000	22,000	5,000	28,000	14,000	10,000
Business/industry	39,000	20,000	S	23,000	13,000	8,000
4-year college/university	3,000	S	S	1,000	S	S
Other educational institution	4,000	S	3,000	S	S	S
Government	4,000	2,000	S	3,000	S	S
Other S&E-related fields	90,000	43,000	4,000	59,000	S	37,000
Business/industry	64,000	35,000	S	41,000	S	27,000
4-year college/university	4,000	1,000	3,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	19,000	5,000	S	14,000	S	9,000
Non-S&E fields	2,350,000	505,000	636,000	1,596,000	188,000	731,000
Business/industry	1,357,000	318,000	80,000	1,074,000	140,000	446,000
4-year college/university	126,000	34,000	52,000	66,000	11,000	46,000
Other educational institution	605,000	104,000	479,000	263,000	17,000	139,000
Government	262,000	50,000	24,000	193,000	19,000	100,000
Arts/humanities	92,000	31,000	35,000	42,000	10,000	26,000
Business/industry	48,000	18,000	2,000	27,000	9,000	17,000
4-year college/university	10,000	4,000	7,000	3,000	1,000	4,000
Other educational institution	26,000	8,000	25,000	6,000	S	3,000
Government	7,000	2,000	S	6,000	S	2,000
Education, except science/mathematics teacher education	681,000	124,000	444,000	348,000	25,000	187,000
Business/industry	129,000	27,000	19,000	90,000	6,000	60,000
4-year college/university	37,000	11,000	21,000	20,000	S	13,000
Other educational institution	484,000	83,000	396,000	217,000	14,000	101,000
Government	32,000	3,000	9,000	21,000	3,000	13,000
Management/administration	962,000	237,000	56,000	802,000	122,000	222,000
Business/industry	805,000	207,000	17,000	693,000	105,000	178,000
4-year college/university	33,000	5,000	10,000	21,000	7,000	8,000
Other educational institution	35,000	4,000	25,000	20,000	S	6,000
Government	88,000	21,000	4,000	68,000	10,000	29,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Sales/marketing	92,000	20,000	5,000	79,000	7,000	18,000
Business/industry	82,000	20,000	S	74,000	6,000	15,000
4-year college/university	3,000	S	S	S	S	S
Other educational institution	4,000	S	3,000	S	S	S
Government	4,000	S	S	3,000	S	S
Social services/related	276,000	40,000	62,000	152,000	6,000	187,000
Business/industry	178,000	21,000	35,000	106,000	5,000	126,000
4-year college/university	18,000	6,000	8,000	7,000	S	8,000
Other educational institution	32,000	3,000	12,000	13,000	S	22,000
Government	47,000	9,000	6,000	27,000	S	31,000
Other non-S&E fields	248,000	53,000	35,000	173,000	18,000	91,000
Business/industry	116,000	25,000	6,000	83,000	10,000	49,000
4-year college/university	24,000	7,000	6,000	14,000	2,000	12,000
Other educational institution	23,000	6,000	19,000	7,000	S	6,000
Government	84,000	15,000	4,000	68,000	5,000	24,000
Doctorate degrees, all fields	883,000	530,000	279,000	378,000	67,000	203,000
Business/industry	379,000	218,000	17,000	196,000	45,000	121,000
4-year college/university	377,000	258,000	223,000	115,000	13,000	50,000
Other educational institution	56,000	11,000	34,000	26,000	2,000	14,000
Government	72,000	43,000	3,000	40,000	7,000	18,000
S&E fields	699,000	452,000	198,000	287,000	59,000	153,000
Business/industry	319,000	195,000	10,000	160,000	41,000	93,000
4-year college/university	295,000	212,000	168,000	87,000	11,000	36,000
Other educational institution	25,000	5,000	17,000	8,000	1,000	8,000
Government	61,000	39,000	2,000	32,000	6,000	16,000
Sciences	573,000	358,000	176,000	237,000	40,000	135,000
Business/industry	237,000	134,000	10,000	124,000	26,000	80,000
4-year college/university	260,000	186,000	149,000	78,000	9,000	33,000
Other educational institution	23,000	5,000	15,000	8,000	*	8,000
Government	52,000	33,000	2,000	27,000	5,000	14,000
Biological/agricultural/environmental life sciences	195,000	136,000	48,000	86,000	7,000	38,000
Business/industry	71,000	44,000	3,000	40,000	4,000	20,000
4-year college/university	97,000	76,000	39,000	34,000	2,000	13,000
Other educational institution	6,000	2,000	5,000	2,000	*	1,000
Government	20,000	15,000	1,000	11,000	1,000	4,000
Agricultural/food sciences	19,000	12,000	4,000	9,000	1,000	3,000
Business/industry	8,000	4,000	*	5,000	*	2,000
4-year college/university	8,000	6,000	4,000	3,000	*	1,000
Other educational institution	1,000	*	*	*	S	S
Government	2,000	1,000	S	1,000	S	*
Biological sciences	169,000	120,000	42,000	74,000	6,000	34,000
Business/industry	61,000	39,000	3,000	33,000	4,000	18,000
4-year college/university	87,000	68,000	34,000	30,000	2,000	12,000
Other educational institution	5,000	1,000	4,000	2,000	*	1,000
Government	16,000	12,000	1,000	8,000	1,000	3,000
Environmental life sciences	6,000	4,000	2,000	3,000	*	1,000
Business/industry	2,000	1,000	S	1,000	S	1,000
4-year college/university	3,000	2,000	1,000	1,000	*	*
Other educational institution	*	S	*	S	S	S
Government	2,000	1,000	S	1,000	S	*

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Computer/mathematical sciences	52,000	35,000	22,000	15,000	13,000	5,000
Business/industry	21,000	14,000	*	9,000	10,000	3,000
4-year college/university	27,000	19,000	21,000	5,000	2,000	2,000
Other educational institution	1,000	*	1,000	*	S	*
Government	2,000	2,000	S	1,000	1,000	*
Computer/information sciences	19,000	13,000	6,000	6,000	7,000	2,000
Business/industry	11,000	7,000	*	4,000	6,000	1,000
4-year college/university	8,000	6,000	6,000	2,000	1,000	*
Other educational institution	*	S	*	S	S	S
Government	1,000	*	S	*	*	S
Mathematical sciences	33,000	22,000	17,000	9,000	6,000	3,000
Business/industry	11,000	8,000	*	4,000	5,000	2,000
4-year college/university	19,000	13,000	15,000	4,000	1,000	1,000
Other educational institution	1,000	*	1,000	S	S	*
Government	2,000	1,000	S	1,000	1,000	*
Physical/related sciences	137,000	97,000	33,000	57,000	14,000	19,000
Business/industry	73,000	52,000	1,000	38,000	9,000	12,000
4-year college/university	48,000	35,000	27,000	13,000	3,000	4,000
Other educational institution	5,000	1,000	4,000	1,000	S	1,000
Government	12,000	9,000	*	5,000	2,000	2,000
Chemistry, except biochemistry	71,000	48,000	14,000	33,000	3,000	11,000
Business/industry	44,000	31,000	1,000	24,000	2,000	8,000
4-year college/university	20,000	14,000	11,000	6,000	1,000	2,000
Other educational institution	3,000	S	2,000	1,000	S	*
Government	4,000	3,000	S	2,000	*	1,000
Earth/atmospheric/ocean sciences	18,000	13,000	6,000	7,000	2,000	2,000
Business/industry	5,000	3,000	S	3,000	1,000	1,000
4-year college/university	9,000	7,000	6,000	2,000	1,000	1,000
Other educational institution	1,000	*	*	*	S	S
Government	3,000	2,000	S	1,000	*	*
Physics/astronomy	47,000	34,000	12,000	16,000	9,000	5,000
Business/industry	23,000	17,000	*	10,000	6,000	3,000
4-year college/university	18,000	14,000	11,000	4,000	2,000	1,000
Other educational institution	1,000	*	1,000	*	S	*
Government	4,000	4,000	S	2,000	1,000	1,000
Other physical sciences	3,000	2,000	*	1,000	*	*
Business/industry	1,000	1,000	S	1,000	S	*
4-year college/university	1,000	1,000	*	*	S	S
Other educational institution	S	S	S	S	S	S
Government	*	*	S	*	S	S
Social/related sciences	188,000	89,000	73,000	78,000	5,000	73,000
Business/industry	71,000	23,000	5,000	38,000	3,000	45,000
4-year college/university	89,000	56,000	62,000	26,000	1,000	14,000
Other educational institution	11,000	2,000	5,000	4,000	S	6,000
Government	17,000	7,000	1,000	10,000	1,000	8,000
Economics	23,000	16,000	10,000	8,000	1,000	4,000
Business/industry	7,000	4,000	*	4,000	1,000	3,000
4-year college/university	12,000	9,000	9,000	3,000	*	1,000
Other educational institution	1,000	*	*	*	S	S
Government	3,000	2,000	S	1,000	*	1,000

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Political/related sciences	19,000	10,000	10,000	8,000	1,000	4,000
Business/industry	5,000	2,000	*	3,000	*	2,000
4-year college/university	12,000	8,000	9,000	4,000	*	1,000
Other educational institution	1,000	*	1,000	*	S	*
Government	2,000	1,000	S	1,000	S	1,000
Psychology	102,000	37,000	29,000	45,000	2,000	56,000
Business/industry	50,000	12,000	4,000	25,000	1,000	37,000
4-year college/university	36,000	21,000	22,000	12,000	1,000	8,000
Other educational institution	7,000	1,000	2,000	3,000	S	5,000
Government	9,000	3,000	1,000	6,000	*	6,000
Sociology/anthropology	27,000	16,000	15,000	10,000	1,000	4,000
Business/industry	5,000	3,000	*	3,000	*	2,000
4-year college/university	18,000	12,000	13,000	5,000	*	2,000
Other educational institution	1,000	*	1,000	*	S	*
Government	2,000	1,000	S	2,000	*	*
Other social sciences	17,000	10,000	9,000	7,000	1,000	4,000
Business/industry	5,000	2,000	*	3,000	*	2,000
4-year college/university	10,000	6,000	8,000	3,000	*	1,000
Other educational institution	1,000	*	1,000	*	S	*
Government	1,000	1,000	S	1,000	*	*
Engineering	127,000	94,000	22,000	50,000	19,000	17,000
Business/industry	82,000	61,000	1,000	36,000	16,000	13,000
4-year college/university	35,000	26,000	20,000	9,000	2,000	3,000
Other educational institution	1,000	*	1,000	*	S	*
Government	9,000	7,000	S	4,000	1,000	1,000
Aerospace/related engineering	6,000	5,000	1,000	2,000	1,000	1,000
Business/industry	4,000	3,000	S	1,000	1,000	1,000
4-year college/university	2,000	1,000	1,000	*	S	S
Other educational institution	S	S	S	S	S	S
Government	1,000	1,000	S	*	*	S
Chemical engineering	17,000	13,000	2,000	7,000	2,000	3,000
Business/industry	13,000	10,000	S	6,000	2,000	2,000
4-year college/university	3,000	2,000	1,000	1,000	S	*
Other educational institution	*	S	*	S	S	S
Government	1,000	1,000	S	*	S	*
Civil/architectural engineering	11,000	8,000	3,000	5,000	1,000	2,000
Business/industry	6,000	4,000	S	3,000	1,000	1,000
4-year college/university	4,000	3,000	3,000	1,000	*	*
Other educational institution	S	S	S	S	S	S
Government	2,000	1,000	S	1,000	*	*
Electrical/computer engineering	37,000	28,000	7,000	13,000	7,000	3,000
Business/industry	25,000	19,000	*	10,000	6,000	3,000
4-year college/university	10,000	7,000	6,000	3,000	1,000	1,000
Other educational institution	*	S	*	S	S	S
Government	2,000	1,000	S	1,000	*	S
Industrial engineering	3,000	2,000	1,000	1,000	*	*
Business/industry	2,000	1,000	S	1,000	*	*
4-year college/university	2,000	1,000	1,000	*	S	S
Other educational institution	S	S	S	S	S	S
Government	*	S	S	S	S	S

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Mechanical engineering	17,000	13,000	3,000	6,000	3,000	2,000
Business/industry	11,000	9,000	S	5,000	2,000	2,000
4-year college/university	4,000	3,000	2,000	1,000	*	*
Other educational institution	*	S	S	S	S	S
Government	1,000	1,000	S	*	S	*
Other engineering	35,000	26,000	6,000	15,000	4,000	6,000
Business/industry	22,000	16,000	*	10,000	3,000	4,000
4-year college/university	10,000	8,000	5,000	3,000	*	1,000
Other educational institution	*	S	*	S	S	S
Government	3,000	2,000	S	2,000	*	1,000
S&E-related fields	57,000	31,000	20,000	23,000	3,000	17,000
Business/industry	22,000	11,000	2,000	11,000	1,000	11,000
4-year college/university	27,000	18,000	15,000	9,000	1,000	5,000
Other educational institution	4,000	1,000	2,000	2,000	S	*
Government	4,000	3,000	1,000	2,000	*	1,000
Health	41,000	21,000	12,000	18,000	1,000	16,000
Business/industry	17,000	7,000	2,000	8,000	*	10,000
4-year college/university	19,000	12,000	10,000	7,000	*	4,000
Other educational institution	1,000	*	1,000	1,000	S	*
Government	4,000	3,000	1,000	2,000	*	1,000
Science/mathematics teacher education	8,000	4,000	6,000	2,000	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	5,000	3,000	4,000	1,000	S	S
Other educational institution	2,000	S	1,000	S	S	S
Government	S	S	S	S	S	S
Technology/technical fields	3,000	3,000	S	S	1,000	S
Business/industry	2,000	2,000	S	S	S	S
4-year college/university	1,000	1,000	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	4,000	3,000	2,000	3,000	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	1,000	1,000	1,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Non-S&E fields	127,000	47,000	61,000	68,000	5,000	33,000
Business/industry	38,000	13,000	5,000	25,000	3,000	17,000
4-year college/university	55,000	29,000	39,000	20,000	S	10,000
Other educational institution	27,000	5,000	16,000	17,000	S	6,000
Government	7,000	1,000	S	6,000	S	1,000
Arts/humanities	18,000	5,000	9,000	10,000	S	6,000
Business/industry	4,000	S	S	3,000	S	S
4-year college/university	11,000	3,000	9,000	5,000	S	4,000
Other educational institution	1,000	S	1,000	S	S	S
Government	S	S	S	S	S	S
Education, except science/mathematics teacher education	57,000	19,000	25,000	35,000	1,000	13,000
Business/industry	10,000	4,000	S	6,000	S	4,000
4-year college/university	23,000	11,000	13,000	12,000	S	4,000
Other educational institution	22,000	4,000	11,000	15,000	S	4,000
Government	3,000	S	S	3,000	S	S

TABLE 13. Employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Management/administration	15,000	10,000	7,000	6,000	S	1,000
Business/industry	6,000	4,000	S	4,000	S	S
4-year college/university	8,000	6,000	7,000	1,000	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Sales/marketing	2,000	1,000	1,000	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	1,000	1,000	1,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social services/related	19,000	5,000	13,000	7,000	S	8,000
Business/industry	9,000	1,000	4,000	5,000	S	6,000
4-year college/university	6,000	4,000	6,000	1,000	S	S
Other educational institution	3,000	S	S	S	S	S
Government	S	S	S	S	S	S
Other non-S&E fields	17,000	7,000	6,000	9,000	S	5,000
Business/industry	9,000	3,000	S	7,000	S	3,000
4-year college/university	5,000	3,000	5,000	S	S	1,000
Other educational institution	S	S	S	S	S	S
Government	1,000	S	S	S	S	S

* = estimate < 500; S = 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. 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, state, and local employers. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding and multiple response to work activity.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 14. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree	Employed scientists and engineers	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
All levels and fields[b]	18,927,000	10,683,000	8,244,000	81,000	1,931,000	1,074,000	1,027,000	14,472,000	342,000
S&E fields	10,156,000	6,357,000	3,799,000	41,000	1,231,000	540,000	578,000	7,561,000	205,000
Sciences	7,719,000	4,226,000	3,493,000	36,000	788,000	463,000	440,000	5,833,000	159,000
Biological/agricultural/environmental life sciences	1,555,000	838,000	717,000	8,000	154,000	65,000	87,000	1,215,000	26,000
Agricultural sciences	267,000	166,000	101,000	1,000	16,000	6,000	10,000	227,000	6,000
Biological sciences	1,125,000	563,000	561,000	5,000	132,000	57,000	72,000	840,000	18,000
Environmental life sciences	164,000	109,000	55,000	2,000	6,000	2,000	5,000	147,000	2,000
Computer/mathematical sciences	1,586,000	1,086,000	499,000	8,000	316,000	96,000	71,000	1,066,000	29,000
Computer/information sciences	1,103,000	790,000	313,000	8,000	258,000	73,000	57,000	684,000	23,000
Mathematics/statistics	483,000	296,000	187,000	*	58,000	23,000	13,000	382,000	6,000
Physical/related sciences	688,000	505,000	183,000	2,000	91,000	19,000	33,000	533,000	9,000
Chemistry, except biochemistry	319,000	213,000	106,000	1,000	53,000	12,000	17,000	231,000	5,000
Earth/atmospheric/ocean sciences	173,000	136,000	37,000	1,000	7,000	1,000	6,000	156,000	2,000
Physics/astronomy	154,000	131,000	24,000	*	29,000	3,000	6,000	114,000	1,000
Other physical sciences	41,000	25,000	16,000	S	2,000	3,000	4,000	32,000	1,000
Social/related sciences	3,890,000	1,796,000	2,093,000	17,000	226,000	283,000	249,000	3,020,000	94,000
Economics	594,000	430,000	164,000	S	83,000	22,000	30,000	449,000	10,000
Political/related sciences	691,000	418,000	273,000	3,000	39,000	55,000	39,000	537,000	18,000
Psychology	1,422,000	448,000	974,000	5,000	54,000	105,000	99,000	1,125,000	34,000
Sociology/anthropology	759,000	296,000	463,000	5,000	29,000	71,000	47,000	583,000	24,000
Other social sciences	424,000	205,000	219,000	4,000	22,000	30,000	34,000	325,000	8,000
Engineering	2,437,000	2,132,000	306,000	5,000	443,000	77,000	138,000	1,728,000	46,000
Aerospace/aeronautical/astronautical engineering	83,000	76,000	7,000	S	7,000	2,000	4,000	67,000	3,000
Chemical engineering	165,000	126,000	39,000	1,000	32,000	5,000	8,000	116,000	3,000
Civil/architectural engineering	396,000	345,000	51,000	1,000	51,000	12,000	32,000	290,000	11,000
Electrical/computer engineering	791,000	703,000	87,000	1,000	209,000	32,000	42,000	491,000	16,000
Industrial engineering	146,000	117,000	29,000	S	23,000	6,000	12,000	102,000	2,000
Mechanical engineering	506,000	466,000	40,000	1,000	71,000	12,000	21,000	393,000	7,000
Other engineering	351,000	299,000	52,000	S	51,000	8,000	17,000	270,000	4,000
S&E-related fields	4,587,000	1,931,000	2,656,000	20,000	451,000	258,000	246,000	3,530,000	82,000
Health	3,596,000	1,256,000	2,340,000	16,000	372,000	204,000	192,000	2,741,000	70,000
Science/mathematics teacher education	334,000	147,000	187,000	S	10,000	17,000	16,000	287,000	3,000
Technology/technical fields	328,000	283,000	44,000	S	41,000	20,000	19,000	239,000	6,000
Other S&E-related fields	329,000	245,000	84,000	S	27,000	16,000	19,000	262,000	3,000
Non-S&E fields	4,184,000	2,395,000	1,789,000	20,000	249,000	276,000	203,000	3,380,000	56,000
Arts/humanities	329,000	178,000	151,000	S	21,000	6,000	17,000	281,000	4,000

TABLE 14. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree	Employed scientists and engineers	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Education, except science/mathematics teacher education	924,000	356,000	568,000	7,000	27,000	73,000	47,000	759,000	11,000
Management/administration	1,387,000	1,000,000	387,000	7,000	132,000	85,000	68,000	1,076,000	19,000
Sales/marketing	146,000	95,000	51,000	S	10,000	7,000	7,000	121,000	S
Social services/related	342,000	150,000	192,000	S	12,000	38,000	18,000	270,000	4,000
Other non-S&E fields	1,056,000	616,000	440,000	5,000	48,000	67,000	46,000	873,000	17,000
Bachelor's degrees	10,886,000	6,007,000	4,878,000	53,000	968,000	648,000	638,000	8,351,000	228,000
S&E fields	7,415,000	4,587,000	2,828,000	34,000	703,000	432,000	466,000	5,619,000	160,000
Sciences	5,680,000	3,061,000	2,619,000	30,000	469,000	372,000	358,000	4,329,000	124,000
Biological/agricultural/environmental life sciences	1,151,000	600,000	551,000	7,000	89,000	52,000	72,000	911,000	19,000
Agricultural sciences	218,000	135,000	84,000	1,000	10,000	3,000	8,000	192,000	4,000
Biological sciences	807,000	382,000	426,000	4,000	75,000	48,000	60,000	606,000	14,000
Environmental life sciences	125,000	84,000	41,000	2,000	3,000	1,000	4,000	113,000	1,000
Computer/mathematical sciences	1,123,000	764,000	359,000	6,000	160,000	77,000	59,000	798,000	22,000
Computer/information sciences	774,000	556,000	218,000	6,000	129,000	59,000	48,000	515,000	16,000
Mathematics/statistics	349,000	208,000	141,000	S	31,000	17,000	11,000	283,000	6,000
Physical/related sciences	419,000	296,000	124,000	2,000	40,000	15,000	26,000	331,000	6,000
Chemistry, except biochemistry	206,000	130,000	76,000	1,000	23,000	9,000	15,000	153,000	3,000
Earth/atmospheric/ocean sciences	105,000	84,000	21,000	S	2,000	1,000	4,000	97,000	1,000
Physics/astronomy	74,000	60,000	14,000	S	13,000	2,000	3,000	54,000	1,000
Other physical sciences	34,000	21,000	13,000	S	2,000	3,000	4,000	26,000	S
Social/related sciences	2,988,000	1,402,000	1,586,000	15,000	180,000	228,000	200,000	2,288,000	77,000
Economics	504,000	367,000	137,000	S	70,000	20,000	26,000	379,000	9,000
Political/related sciences	561,000	339,000	222,000	2,000	29,000	47,000	32,000	435,000	16,000
Psychology	921,000	282,000	639,000	4,000	40,000	75,000	76,000	704,000	23,000
Sociology/anthropology	676,000	256,000	420,000	5,000	25,000	64,000	40,000	520,000	22,000
Other social sciences	326,000	157,000	169,000	4,000	16,000	23,000	26,000	250,000	7,000
Engineering	1,735,000	1,526,000	209,000	5,000	235,000	61,000	108,000	1,291,000	36,000
Aerospace/aeronautical/astronautical engineering	59,000	54,000	6,000	S	3,000	1,000	3,000	49,000	2,000
Chemical engineering	120,000	89,000	32,000	1,000	15,000	4,000	6,000	92,000	3,000
Civil/architectural engineering	295,000	260,000	35,000	1,000	29,000	10,000	26,000	221,000	9,000
Electrical/computer engineering	544,000	490,000	54,000	1,000	114,000	26,000	34,000	355,000	14,000
Industrial engineering	108,000	87,000	21,000	S	11,000	4,000	9,000	82,000	1,000
Mechanical engineering	405,000	373,000	33,000	1,000	45,000	10,000	18,000	326,000	5,000
Other engineering	203,000	175,000	29,000	S	17,000	5,000	12,000	167,000	2,000
S&E-related fields	2,399,000	815,000	1,583,000	12,000	210,000	150,000	131,000	1,843,000	53,000
Health	1,731,000	323,000	1,407,000	9,000	159,000	116,000	89,000	1,311,000	46,000

TABLE 14. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree	Employed scientists and engineers	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Science/mathematics teacher education	159,000	74,000	85,000	S	5,000	4,000	10,000	138,000	S
Technology/technical fields	275,000	241,000	34,000	S	25,000	17,000	17,000	208,000	5,000
Other S&E-related fields	234,000	177,000	57,000	S	20,000	12,000	15,000	185,000	2,000
Non-S&E fields	1,071,000	604,000	467,000	6,000	55,000	65,000	41,000	890,000	15,000
Arts/humanities	219,000	126,000	93,000	S	10,000	4,000	9,000	194,000	2,000
Education, except science/mathematics teacher education	182,000	61,000	121,000	S	6,000	12,000	6,000	154,000	2,000
Management/administration	411,000	284,000	127,000	S	32,000	27,000	16,000	326,000	7,000
Sales/marketing	52,000	28,000	24,000	S	S	2,000	2,000	46,000	S
Social services/related	35,000	22,000	13,000	S	1,000	5,000	S	28,000	S
Other non-S&E fields	172,000	83,000	89,000	S	5,000	14,000	7,000	142,000	2,000
Master's degrees	5,384,000	2,878,000	2,506,000	20,000	627,000	326,000	254,000	4,078,000	79,000
S&E fields	2,022,000	1,255,000	767,000	5,000	392,000	87,000	90,000	1,411,000	37,000
Sciences	1,447,000	765,000	682,000	5,000	228,000	74,000	64,000	1,048,000	28,000
Biological/agricultural/environmental life sciences	210,000	106,000	104,000	1,000	26,000	7,000	8,000	162,000	5,000
Agricultural sciences	29,000	16,000	13,000	S	3,000	2,000	1,000	21,000	2,000
Biological sciences	148,000	70,000	78,000	*	22,000	4,000	6,000	113,000	2,000
Environmental life sciences	33,000	20,000	13,000	S	2,000	1,000	*	28,000	S
Computer/mathematical sciences	411,000	279,000	132,000	2,000	143,000	18,000	10,000	231,000	7,000
Computer/information sciences	309,000	217,000	92,000	S	122,000	13,000	9,000	157,000	6,000
Mathematics/statistics	102,000	61,000	40,000	S	21,000	5,000	1,000	74,000	*
Physical/related sciences	132,000	95,000	37,000	*	24,000	3,000	4,000	99,000	2,000
Chemistry, except biochemistry	43,000	26,000	17,000	S	14,000	1,000	1,000	27,000	S
Earth/atmospheric/ocean sciences	50,000	38,000	12,000	S	3,000	*	1,000	44,000	1,000
Physics/astronomy	34,000	29,000	5,000	S	7,000	1,000	2,000	24,000	*
Other physical sciences	4,000	2,000	2,000	S	S	1,000	S	4,000	S
Social/related sciences	694,000	285,000	409,000	2,000	36,000	46,000	41,000	556,000	14,000
Economics	67,000	45,000	22,000	S	9,000	2,000	3,000	52,000	S
Political/related sciences	110,000	65,000	46,000	S	9,000	7,000	6,000	86,000	2,000
Psychology	379,000	112,000	268,000	1,000	10,000	25,000	19,000	315,000	9,000
Sociology/anthropology	56,000	26,000	31,000	S	2,000	6,000	6,000	41,000	1,000
Other social sciences	81,000	38,000	43,000	S	4,000	7,000	7,000	61,000	1,000
Engineering	575,000	490,000	85,000	*	164,000	13,000	26,000	362,000	9,000
Aerospace/aeronautical/astronautical engineering	18,000	17,000	1,000	S	2,000	S	1,000	14,000	1,000
Chemical engineering	27,000	21,000	6,000	S	10,000	1,000	1,000	14,000	S
Civil/architectural engineering	90,000	76,000	14,000	S	18,000	2,000	6,000	62,000	2,000
Electrical/computer engineering	210,000	180,000	30,000	S	80,000	5,000	7,000	116,000	2,000

TABLE 14. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree	Employed scientists and engineers	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Industrial engineering	34,000	27,000	7,000	S	11,000	2,000	3,000	18,000	S
Mechanical engineering	84,000	77,000	7,000	S	20,000	2,000	4,000	58,000	2,000
Other engineering	112,000	93,000	20,000	S	23,000	2,000	5,000	80,000	2,000
S&E-related fields	1,012,000	314,000	699,000	3,000	78,000	62,000	39,000	818,000	13,000
Health	704,000	141,000	564,000	2,000	51,000	42,000	27,000	572,000	9,000
Science/mathematics teacher education	168,000	69,000	99,000	S	5,000	12,000	6,000	142,000	2,000
Technology/technical fields	50,000	40,000	10,000	S	15,000	3,000	2,000	29,000	S
Other S&E-related fields	90,000	64,000	26,000	S	7,000	4,000	4,000	74,000	S
Non-S&E fields	2,350,000	1,310,000	1,040,000	12,000	157,000	177,000	125,000	1,850,000	29,000
Arts/humanities	92,000	41,000	50,000	S	11,000	2,000	6,000	71,000	1,000
Education, except science/mathematics teacher education	681,000	263,000	418,000	4,000	19,000	57,000	36,000	557,000	8,000
Management/administration	962,000	704,000	258,000	5,000	95,000	58,000	51,000	741,000	12,000
Sales/marketing	92,000	65,000	27,000	S	8,000	5,000	5,000	74,000	S
Social services/related	276,000	103,000	172,000	S	9,000	31,000	17,000	215,000	3,000
Other non-S&E fields	248,000	133,000	114,000	S	15,000	25,000	9,000	192,000	4,000
Doctorate degrees	883,000	616,000	267,000	2,000	152,000	30,000	32,000	657,000	10,000
S&E fields	699,000	509,000	191,000	1,000	135,000	19,000	21,000	515,000	8,000
Sciences	573,000	394,000	179,000	1,000	90,000	17,000	18,000	440,000	7,000
Biological/agricultural/environmental life sciences	195,000	132,000	63,000	*	39,000	5,000	7,000	141,000	2,000
Agricultural sciences	19,000	15,000	4,000	S	3,000	1,000	1,000	14,000	*
Biological sciences	169,000	112,000	58,000	*	35,000	4,000	5,000	122,000	2,000
Environmental life sciences	6,000	5,000	2,000	S	1,000	*	*	6,000	S
Computer/mathematical sciences	52,000	43,000	9,000	S	13,000	1,000	1,000	36,000	*
Computer/information sciences	19,000	16,000	3,000	S	6,000	*	*	12,000	*
Mathematics/statistics	33,000	27,000	6,000	S	6,000	1,000	1,000	24,000	*
Physical/related sciences	137,000	115,000	22,000	*	27,000	2,000	3,000	103,000	1,000
Chemistry, except biochemistry	71,000	57,000	13,000	S	16,000	1,000	2,000	51,000	1,000
Earth/atmospheric/ocean sciences	18,000	14,000	3,000	S	2,000	*	*	15,000	*
Physics/astronomy	47,000	42,000	5,000	S	9,000	1,000	1,000	36,000	*
Other physical sciences	3,000	2,000	1,000	S	*	S	*	2,000	S
Social/related sciences	188,000	104,000	85,000	1,000	11,000	9,000	7,000	159,000	2,000
Economics	23,000	18,000	5,000	S	3,000	1,000	1,000	18,000	*
Political/related sciences	19,000	14,000	5,000	*	1,000	1,000	*	16,000	*
Psychology	102,000	48,000	55,000	*	3,000	4,000	4,000	89,000	1,000
Sociology/anthropology	27,000	14,000	13,000	*	1,000	2,000	1,000	22,000	1,000
Other social sciences	17,000	10,000	7,000	*	2,000	1,000	1,000	14,000	*

TABLE 14. Employed U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006

Level and field of highest degree	Employed scientists and engineers	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Engineering	127,000	115,000	12,000	S	45,000	3,000	3,000	75,000	1,000
Aerospace/aeronautical/astronautical engineering	6,000	6,000	*	S	1,000	*	*	4,000	S
Chemical engineering	17,000	16,000	2,000	S	6,000	*	1,000	10,000	*
Civil/architectural engineering	11,000	10,000	1,000	S	3,000	*	*	7,000	S
Electrical/computer engineering	37,000	34,000	3,000	S	15,000	1,000	1,000	20,000	*
Industrial engineering	3,000	3,000	1,000	S	1,000	*	*	2,000	S
Mechanical engineering	17,000	16,000	1,000	S	6,000	*	*	10,000	*
Other engineering	35,000	31,000	4,000	S	11,000	1,000	1,000	23,000	*
S&E-related fields	57,000	29,000	28,000	*	10,000	3,000	3,000	39,000	1,000
Health	41,000	19,000	23,000	*	8,000	3,000	3,000	27,000	*
Science/mathematics teacher education	8,000	4,000	4,000	S	S	S	S	7,000	S
Technology/technical fields	3,000	3,000	S	S	2,000	S	S	2,000	S
Other S&E-related fields	4,000	3,000	1,000	S	S	S	S	4,000	S
Non-S&E fields	127,000	78,000	49,000	S	8,000	7,000	7,000	103,000	2,000
Arts/humanities	18,000	10,000	8,000	S	S	S	2,000	15,000	S
Education, except science/mathematics teacher education	57,000	30,000	27,000	S	1,000	4,000	4,000	47,000	1,000
Management/administration	15,000	12,000	3,000	S	5,000	S	S	9,000	S
Sales/marketing	2,000	1,000	S	S	S	S	S	S	S
Social services/related	19,000	15,000	4,000	S	S	2,000	S	16,000	S
Other non-S&E fields	17,000	10,000	7,000	S	S	S	S	14,000	S

* = estimate < 500; S = 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 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. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 15. Employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

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]	18,927,000	1,290,000	2,911,000	2,815,000	1,322,000	3,540,000	829,000	1,615,000	1,258,000	3,340,000
S&E fields	10,156,000	689,000	1,556,000	1,409,000	652,000	1,912,000	403,000	853,000	691,000	1,988,000
Sciences	7,719,000	524,000	1,241,000	1,028,000	521,000	1,493,000	297,000	605,000	524,000	1,484,000
Biological/agricultural/environmental life sciences	1,555,000	97,000	223,000	202,000	130,000	281,000	71,000	144,000	107,000	300,000
Agricultural sciences	267,000	11,000	29,000	44,000	40,000	38,000	15,000	31,000	20,000	38,000
Biological sciences	1,125,000	76,000	171,000	137,000	81,000	206,000	49,000	104,000	75,000	225,000
Environmental life sciences	164,000	9,000	23,000	21,000	10,000	37,000	7,000	8,000	12,000	38,000
Computer/mathematical sciences	1,586,000	106,000	265,000	219,000	106,000	313,000	51,000	137,000	89,000	299,000
Computer/information sciences	1,103,000	64,000	182,000	156,000	75,000	227,000	28,000	87,000	60,000	223,000
Mathematics/statistics	483,000	41,000	84,000	64,000	31,000	87,000	23,000	49,000	29,000	75,000
Physical/related sciences	688,000	51,000	112,000	87,000	36,000	122,000	27,000	61,000	62,000	129,000
Chemistry, except biochemistry	319,000	24,000	56,000	50,000	18,000	61,000	14,000	24,000	18,000	54,000
Earth/atmospheric/ocean sciences	173,000	9,000	20,000	18,000	10,000	28,000	7,000	20,000	30,000	32,000
Physics/astronomy	154,000	15,000	27,000	16,000	7,000	27,000	6,000	10,000	11,000	35,000
Other physical sciences	41,000	3,000	8,000	3,000	2,000	7,000	*	6,000	4,000	9,000
Social/related sciences	3,890,000	270,000	641,000	519,000	249,000	776,000	148,000	264,000	265,000	757,000
Economics	594,000	42,000	110,000	79,000	49,000	105,000	19,000	37,000	41,000	111,000
Political/related sciences	691,000	52,000	117,000	77,000	33,000	180,000	22,000	46,000	42,000	121,000
Psychology	1,422,000	104,000	228,000	202,000	88,000	258,000	66,000	108,000	93,000	275,000
Sociology/anthropology	759,000	47,000	126,000	99,000	46,000	142,000	30,000	40,000	66,000	163,000
Other social sciences	424,000	25,000	60,000	61,000	33,000	91,000	11,000	33,000	23,000	87,000
Engineering	2,437,000	165,000	315,000	381,000	131,000	419,000	106,000	248,000	167,000	504,000
Aerospace/aeronautical/astronautical engineering	83,000	3,000	6,000	9,000	4,000	20,000	4,000	9,000	8,000	22,000
Chemical engineering	165,000	10,000	26,000	29,000	9,000	22,000	7,000	26,000	11,000	24,000
Civil/architectural engineering	396,000	28,000	51,000	49,000	25,000	78,000	21,000	39,000	28,000	77,000
Electrical/computer engineering	791,000	58,000	100,000	98,000	36,000	129,000	29,000	75,000	57,000	210,000
Industrial engineering	146,000	9,000	16,000	29,000	9,000	30,000	11,000	15,000	7,000	20,000
Mechanical engineering	506,000	36,000	66,000	108,000	26,000	81,000	20,000	51,000	28,000	89,000
Other engineering	351,000	22,000	51,000	59,000	22,000	60,000	15,000	33,000	28,000	63,000
S&E-related fields	4,587,000	292,000	705,000	765,000	383,000	817,000	238,000	427,000	296,000	664,000
Health	3,596,000	214,000	548,000	621,000	296,000	644,000	200,000	317,000	241,000	514,000
Science/mathematics teacher education	334,000	33,000	61,000	55,000	31,000	56,000	12,000	41,000	18,000	29,000
Technology/technical fields	328,000	21,000	40,000	51,000	34,000	47,000	18,000	38,000	19,000	60,000
Other S&E-related fields	329,000	23,000	56,000	38,000	23,000	71,000	8,000	31,000	19,000	61,000
Non-S&E fields	4,184,000	310,000	649,000	641,000	287,000	811,000	188,000	336,000	271,000	688,000
Arts/humanities	329,000	26,000	52,000	45,000	19,000	62,000	10,000	24,000	20,000	71,000
Education, except science/mathematics teacher education	924,000	57,000	153,000	143,000	72,000	152,000	60,000	87,000	72,000	128,000
Management/administration	1,387,000	103,000	185,000	237,000	79,000	285,000	63,000	119,000	86,000	229,000

TABLE 15. Employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

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
Sales/marketing	146,000	14,000	25,000	32,000	13,000	21,000	S	13,000	11,000	16,000
Social services/related	342,000	31,000	66,000	50,000	22,000	64,000	19,000	22,000	20,000	48,000
Other non-S&E fields	1,056,000	79,000	169,000	134,000	82,000	227,000	35,000	71,000	62,000	196,000
Bachelor's degrees	10,886,000	686,000	1,608,000	1,631,000	804,000	1,993,000	491,000	981,000	740,000	1,948,000
S&E fields	7,415,000	463,000	1,123,000	1,051,000	513,000	1,388,000	313,000	621,000	503,000	1,439,000
Sciences	5,680,000	353,000	907,000	770,000	413,000	1,085,000	229,000	438,000	385,000	1,099,000
Biological/agricultural/environmental life sciences	1,151,000	61,000	165,000	148,000	107,000	200,000	55,000	109,000	81,000	225,000
Agricultural sciences	218,000	11,000	24,000	37,000	35,000	30,000	11,000	26,000	13,000	32,000
Biological sciences	807,000	46,000	120,000	96,000	64,000	142,000	39,000	77,000	60,000	164,000
Environmental life sciences	125,000	5,000	20,000	16,000	8,000	28,000	5,000	6,000	8,000	29,000
Computer/mathematical sciences	1,123,000	67,000	169,000	164,000	88,000	217,000	39,000	104,000	65,000	210,000
Computer/information sciences	774,000	38,000	114,000	120,000	64,000	157,000	21,000	63,000	42,000	154,000
Mathematics/statistics	349,000	29,000	55,000	44,000	24,000	60,000	18,000	41,000	22,000	56,000
Physical/related sciences	419,000	30,000	70,000	56,000	22,000	75,000	18,000	36,000	35,000	78,000
Chemistry, except biochemistry	206,000	13,000	34,000	34,000	12,000	39,000	11,000	17,000	12,000	34,000
Earth/atmospheric/ocean sciences	105,000	5,000	15,000	12,000	6,000	19,000	3,000	10,000	15,000	20,000
Physics/astronomy	74,000	9,000	13,000	7,000	4,000	11,000	4,000	5,000	4,000	16,000
Other physical sciences	34,000	S	7,000	3,000	S	5,000	S	4,000	4,000	7,000
Social/related sciences	2,988,000	195,000	503,000	402,000	197,000	593,000	117,000	189,000	205,000	586,000
Economics	504,000	31,000	93,000	67,000	45,000	85,000	17,000	31,000	34,000	99,000
Political/related sciences	561,000	39,000	96,000	64,000	27,000	135,000	19,000	38,000	36,000	106,000
Psychology	921,000	65,000	157,000	138,000	56,000	175,000	46,000	65,000	57,000	163,000
Sociology/anthropology	676,000	42,000	113,000	86,000	40,000	128,000	26,000	34,000	59,000	147,000
Other social sciences	326,000	17,000	44,000	47,000	28,000	70,000	8,000	21,000	19,000	72,000
Engineering	1,735,000	111,000	216,000	280,000	100,000	303,000	84,000	183,000	117,000	341,000
Aerospace/aeronautical/astronautical engineering	59,000	2,000	4,000	7,000	3,000	13,000	3,000	6,000	5,000	16,000
Chemical engineering	120,000	7,000	18,000	24,000	8,000	17,000	6,000	16,000	8,000	17,000
Civil/architectural engineering	295,000	21,000	34,000	36,000	19,000	59,000	18,000	30,000	21,000	57,000
Electrical/computer engineering	544,000	35,000	67,000	75,000	28,000	90,000	23,000	55,000	40,000	131,000
Industrial engineering	108,000	7,000	12,000	19,000	7,000	23,000	9,000	11,000	5,000	15,000
Mechanical engineering	405,000	28,000	52,000	87,000	21,000	67,000	17,000	44,000	22,000	67,000
Other engineering	203,000	10,000	29,000	34,000	14,000	33,000	8,000	20,000	17,000	37,000
S&E-related fields	2,399,000	150,000	361,000	414,000	201,000	410,000	134,000	251,000	162,000	315,000
Health	1,731,000	109,000	261,000	310,000	140,000	294,000	105,000	168,000	124,000	219,000
Science/mathematics teacher education	159,000	11,000	27,000	28,000	16,000	24,000	6,000	31,000	6,000	10,000
Technology/technical fields	275,000	17,000	32,000	45,000	29,000	39,000	16,000	32,000	18,000	46,000
Other S&E-related fields	234,000	13,000	41,000	31,000	16,000	53,000	6,000	20,000	15,000	40,000

TABLE 15. Employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

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
Non-S&E fields	1,071,000	73,000	124,000	167,000	90,000	196,000	44,000	109,000	75,000	193,000
Arts/humanities	219,000	16,000	28,000	33,000	15,000	43,000	7,000	15,000	14,000	48,000
Education, except science/mathematics teacher education	182,000	11,000	25,000	24,000	20,000	24,000	8,000	30,000	15,000	24,000
Management/administration	411,000	25,000	39,000	66,000	33,000	84,000	17,000	45,000	24,000	78,000
Sales/marketing	52,000	3,000	7,000	13,000	3,000	8,000	S	6,000	6,000	4,000
Social services/related	35,000	3,000	5,000	S	2,000	8,000	S	S	S	9,000
Other non-S&E fields	172,000	14,000	20,000	29,000	16,000	28,000	10,000	11,000	13,000	30,000
Master's degrees	5,384,000	414,000	882,000	808,000	334,000	1,026,000	226,000	431,000	359,000	903,000
S&E fields	2,022,000	163,000	320,000	266,000	99,000	392,000	65,000	177,000	140,000	401,000
Sciences	1,447,000	118,000	238,000	183,000	74,000	293,000	47,000	124,000	101,000	269,000
Biological/agricultural/environmental life sciences	210,000	17,000	29,000	32,000	11,000	41,000	8,000	19,000	14,000	40,000
Agricultural sciences	29,000	S	3,000	5,000	3,000	4,000	3,000	3,000	5,000	3,000
Biological sciences	148,000	12,000	24,000	22,000	7,000	29,000	4,000	14,000	7,000	29,000
Environmental life sciences	33,000	4,000	3,000	5,000	1,000	8,000	S	2,000	3,000	8,000
Computer/mathematical sciences	411,000	36,000	85,000	49,000	15,000	87,000	10,000	29,000	21,000	78,000
Computer/information sciences	309,000	26,000	64,000	33,000	9,000	67,000	7,000	23,000	17,000	64,000
Mathematics/statistics	102,000	10,000	22,000	16,000	6,000	20,000	3,000	6,000	5,000	15,000
Physical/related sciences	132,000	9,000	19,000	14,000	8,000	23,000	5,000	15,000	17,000	22,000
Chemistry, except biochemistry	43,000	4,000	10,000	6,000	2,000	10,000	1,000	3,000	1,000	6,000
Earth/atmospheric/ocean sciences	50,000	2,000	4,000	4,000	2,000	6,000	3,000	8,000	13,000	7,000
Physics/astronomy	34,000	3,000	5,000	4,000	3,000	7,000	1,000	2,000	3,000	8,000
Other physical sciences	4,000	S	S	S	S	1,000	S	S	S	*
Social/related sciences	694,000	57,000	104,000	88,000	40,000	142,000	25,000	61,000	48,000	129,000
Economics	67,000	9,000	13,000	9,000	3,000	13,000	2,000	5,000	6,000	9,000
Political/related sciences	110,000	11,000	18,000	11,000	5,000	40,000	2,000	6,000	5,000	12,000
Psychology	379,000	28,000	52,000	48,000	25,000	62,000	17,000	35,000	29,000	84,000
Sociology/anthropology	56,000	3,000	8,000	9,000	4,000	9,000	2,000	5,000	6,000	11,000
Other social sciences	81,000	6,000	13,000	11,000	4,000	18,000	2,000	11,000	3,000	12,000
Engineering	575,000	45,000	82,000	83,000	25,000	99,000	18,000	53,000	39,000	132,000
Aerospace/aeronautical/astronautical engineering	18,000	*	1,000	2,000	1,000	5,000	S	2,000	2,000	4,000
Chemical engineering	27,000	1,000	5,000	3,000	1,000	3,000	1,000	7,000	2,000	4,000
Civil/architectural engineering	90,000	5,000	15,000	12,000	6,000	18,000	2,000	8,000	6,000	18,000
Electrical/computer engineering	210,000	20,000	28,000	20,000	7,000	33,000	5,000	17,000	14,000	65,000
Industrial engineering	34,000	2,000	4,000	9,000	1,000	6,000	2,000	3,000	2,000	4,000
Mechanical engineering	84,000	7,000	12,000	18,000	4,000	12,000	2,000	6,000	5,000	19,000
Other engineering	112,000	9,000	16,000	19,000	6,000	21,000	5,000	10,000	8,000	19,000
S&E-related fields	1,012,000	71,000	173,000	159,000	92,000	181,000	43,000	78,000	63,000	153,000
Health	704,000	37,000	118,000	121,000	66,000	125,000	34,000	54,000	47,000	102,000

TABLE 15. Employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

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	168,000	22,000	32,000	25,000	14,000	30,000	6,000	10,000	11,000	18,000
Technology/technical fields	50,000	3,000	8,000	6,000	5,000	8,000	2,000	6,000	S	13,000
Other S&E-related fields	90,000	9,000	15,000	8,000	7,000	18,000	S	9,000	4,000	20,000
Non-S&E fields	2,350,000	180,000	389,000	383,000	144,000	453,000	118,000	176,000	156,000	349,000
Arts/humanities	92,000	9,000	21,000	9,000	2,000	15,000	3,000	8,000	6,000	19,000
Education, except science/mathematics teacher education	681,000	43,000	119,000	112,000	48,000	116,000	49,000	50,000	51,000	92,000
Management/administration	962,000	75,000	144,000	170,000	45,000	198,000	45,000	73,000	61,000	149,000
Sales/marketing	92,000	10,000	17,000	19,000	10,000	12,000	S	7,000	5,000	12,000
Social services/related	276,000	25,000	57,000	41,000	18,000	51,000	16,000	19,000	15,000	33,000
Other non-S&E fields	248,000	17,000	30,000	32,000	21,000	61,000	5,000	20,000	19,000	43,000
Doctorate degrees	883,000	76,000	140,000	115,000	50,000	167,000	33,000	71,000	61,000	167,000
S&E fields	699,000	61,000	113,000	91,000	39,000	131,000	25,000	54,000	48,000	138,000
Sciences	573,000	51,000	95,000	73,000	33,000	113,000	21,000	42,000	38,000	107,000
Biological/agricultural/environmental life sciences	195,000	19,000	29,000	22,000	13,000	40,000	8,000	16,000	12,000	36,000
Agricultural sciences	19,000	*	2,000	2,000	3,000	4,000	1,000	2,000	2,000	3,000
Biological sciences	169,000	18,000	27,000	19,000	9,000	36,000	6,000	13,000	9,000	32,000
Environmental life sciences	6,000	*	*	1,000	*	1,000	*	1,000	1,000	1,000
Computer/mathematical sciences	52,000	3,000	11,000	7,000	2,000	10,000	2,000	3,000	3,000	11,000
Computer/information sciences	19,000	1,000	4,000	2,000	1,000	3,000	*	1,000	1,000	6,000
Mathematics/statistics	33,000	2,000	7,000	5,000	1,000	7,000	1,000	2,000	2,000	5,000
Physical/related sciences	137,000	12,000	23,000	17,000	7,000	24,000	5,000	10,000	11,000	29,000
Chemistry, except biochemistry	71,000	7,000	13,000	11,000	4,000	11,000	2,000	5,000	4,000	13,000
Earth/atmospheric/ocean sciences	18,000	1,000	1,000	1,000	1,000	3,000	1,000	2,000	2,000	4,000
Physics/astronomy	47,000	4,000	8,000	6,000	1,000	9,000	1,000	3,000	4,000	11,000
Other physical sciences	3,000	*	*	S	S	1,000	S	*	*	1,000
Social/related sciences	188,000	17,000	33,000	26,000	11,000	39,000	7,000	13,000	12,000	31,000
Economics	23,000	2,000	4,000	3,000	1,000	7,000	1,000	1,000	1,000	3,000
Political/related sciences	19,000	2,000	3,000	3,000	1,000	5,000	1,000	1,000	1,000	3,000
Psychology	102,000	9,000	18,000	14,000	6,000	19,000	4,000	7,000	7,000	18,000
Sociology/anthropology	27,000	2,000	5,000	4,000	1,000	5,000	1,000	2,000	2,000	4,000
Other social sciences	17,000	2,000	3,000	3,000	1,000	3,000	*	1,000	1,000	3,000
Engineering	127,000	10,000	17,000	18,000	6,000	18,000	5,000	12,000	10,000	31,000
Aerospace/aeronautical/astronautical engineering	6,000	*	1,000	1,000	*	1,000	*	*	*	2,000
Chemical engineering	17,000	1,000	2,000	2,000	1,000	2,000	1,000	3,000	1,000	3,000
Civil/architectural engineering	11,000	1,000	2,000	1,000	1,000	2,000	*	1,000	1,000	2,000
Electrical/computer engineering	37,000	3,000	5,000	4,000	1,000	5,000	1,000	3,000	3,000	13,000
Industrial engineering	3,000	S	*	1,000	*	*	S	*	*	1,000
Mechanical engineering	17,000	1,000	2,000	3,000	1,000	2,000	1,000	2,000	1,000	4,000

TABLE 15. Employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

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
Other engineering	35,000	2,000	6,000	6,000	2,000	5,000	2,000	3,000	3,000	7,000
S&E-related fields	57,000	5,000	10,000	7,000	3,000	11,000	2,000	7,000	3,000	8,000
Health	41,000	3,000	9,000	5,000	2,000	9,000	2,000	4,000	2,000	6,000
Science/mathematics teacher education	8,000	S	1,000	2,000	S	2,000	S	S	S	S
Technology/technical fields	3,000	S	S	S	S	S	S	S	S	1,000
Other S&E-related fields	4,000	S	S	S	S	S	S	S	S	1,000
Non-S&E fields	127,000	10,000	18,000	18,000	8,000	26,000	6,000	10,000	11,000	21,000
Arts/humanities	18,000	1,000	3,000	3,000	1,000	3,000	S	1,000	S	4,000
Education, except science/mathematics teacher education	57,000	3,000	9,000	7,000	4,000	11,000	2,000	7,000	5,000	10,000
Management/administration	15,000	2,000	3,000	2,000	S	3,000	S	S	S	3,000
Sales/marketing	2,000	S	S	S	S	S	S	S	S	S
Social services/related	19,000	2,000	2,000	4,000	1,000	3,000	S	1,000	2,000	2,000
Other non-S&E fields	17,000	S	1,000	2,000	S	6,000	S	S	2,000	2,000

* = estimate < 500; S = 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. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 16. Employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006

Level of highest degree and occupation	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 degrees and occupations[a]	18,927,000	13,137,000	9,978,000	1,329,000	1,830,000	3,562,000	1,549,000	2,014,000	2,228,000	824,000	1,405,000
S&E occupations	5,024,000	3,554,000	3,178,000	183,000	192,000	833,000	675,000	159,000	637,000	300,000	336,000
Scientists	3,403,000	2,236,000	1,925,000	143,000	169,000	743,000	591,000	152,000	424,000	194,000	230,000
Biological/agricultural/other life scientists	487,000	182,000	143,000	9,000	30,000	204,000	190,000	15,000	101,000	56,000	45,000
Agricultural/food scientists	57,000	28,000	25,000	2,000	1,000	13,000	13,000	S	15,000	10,000	6,000
Biological/medical scientists	336,000	142,000	112,000	5,000	25,000	130,000	129,000	1,000	65,000	35,000	30,000
Environmental life scientists	35,000	11,000	5,000	2,000	3,000	3,000	3,000	S	21,000	12,000	9,000
Postsecondary teachers-life/related sciences	60,000	1,000	S	S	S	59,000	45,000	14,000	S	S	S
Computer/mathematical scientists	2,112,000	1,687,000	1,528,000	66,000	92,000	239,000	173,000	66,000	186,000	81,000	105,000
Computer/information scientists	1,938,000	1,633,000	1,485,000	63,000	85,000	138,000	104,000	34,000	167,000	68,000	99,000
Mathematical scientists	85,000	53,000	43,000	3,000	7,000	12,000	11,000	2,000	19,000	13,000	7,000
Postsecondary teachers-computer/mathematical sciences	90,000	*	S	S	S	89,000	59,000	31,000	S	S	S
Physical/related scientists	334,000	182,000	165,000	11,000	7,000	92,000	84,000	8,000	60,000	24,000	36,000
Chemists, except biochemists	134,000	104,000	100,000	2,000	2,000	14,000	14,000	S	15,000	6,000	9,000
Earth/atmospheric/ocean scientists	80,000	48,000	43,000	5,000	1,000	10,000	10,000	S	22,000	12,000	10,000
Physicists/astronomers	29,000	12,000	8,000	1,000	3,000	13,000	13,000	S	4,000	3,000	1,000
Postsecondary teachers-physical/related sciences	52,000	*	S	S	S	51,000	44,000	8,000	S	S	S
Other physical/related scientists	39,000	18,000	13,000	4,000	1,000	3,000	3,000	S	18,000	3,000	15,000
Social/related scientists	470,000	186,000	89,000	57,000	40,000	208,000	144,000	64,000	76,000	33,000	44,000
Economists	33,000	19,000	16,000	1,000	2,000	4,000	3,000	S	11,000	7,000	3,000
Political/related scientists	20,000	9,000	2,000	2,000	5,000	3,000	3,000	S	8,000	4,000	3,000
Postsecondary teachers-social/related sciences	115,000	S	S	S	S	114,000	95,000	19,000	S	S	S
Psychologists	177,000	87,000	26,000	43,000	18,000	69,000	27,000	43,000	20,000	7,000	13,000
Sociologists/anthropologists	21,000	8,000	4,000	2,000	2,000	9,000	8,000	S	4,000	3,000	1,000
Other social/related scientists	103,000	62,000	41,000	9,000	12,000	8,000	7,000	1,000	33,000	10,000	23,000
Engineers	1,621,000	1,317,000	1,254,000	41,000	23,000	90,000	84,000	6,000	213,000	106,000	107,000
Aerospace/aeronautical/astronautical engineers	96,000	76,000	73,000	1,000	1,000	3,000	3,000	S	18,000	17,000	*
Chemical engineers	80,000	73,000	71,000	1,000	1,000	4,000	4,000	S	3,000	2,000	1,000
Civil/architectural/sanitary engineers	266,000	177,000	163,000	10,000	3,000	3,000	3,000	S	86,000	16,000	70,000
Electrical/computer hardware engineers	395,000	346,000	332,000	8,000	6,000	12,000	12,000	S	37,000	29,000	8,000
Industrial engineers	93,000	87,000	85,000	1,000	1,000	1,000	1,000	S	4,000	3,000	S
Mechanical engineers	305,000	278,000	267,000	7,000	3,000	9,000	9,000	S	18,000	13,000	5,000
Postsecondary teachers-engineering	38,000	S	S	S	S	38,000	34,000	4,000	S	S	S
Other engineers	348,000	281,000	262,000	12,000	8,000	19,000	19,000	S	47,000	25,000	22,000
S&E-related occupations	5,246,000	3,515,000	2,246,000	359,000	910,000	1,268,000	472,000	796,000	464,000	178,000	286,000
Health-related occupations	3,625,000	2,727,000	1,598,000	298,000	831,000	573,000	424,000	149,000	325,000	125,000	200,000
S&E managers	382,000	297,000	241,000	2,000	54,000	22,000	17,000	5,000	64,000	23,000	40,000

TABLE 16. Employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
S&E precollege teachers	644,000	4,000	2,000	S	S	638,000	S	638,000	2,000	S	2,000
S&E technicians/technologists	371,000	282,000	246,000	18,000	18,000	31,000	27,000	3,000	58,000	25,000	32,000
Other S&E-related occupations	224,000	204,000	159,000	38,000	7,000	5,000	4,000	S	15,000	4,000	11,000
Non-S&E occupations	8,657,000	6,068,000	4,554,000	787,000	728,000	1,461,000	402,000	1,059,000	1,128,000	345,000	782,000
Art/humanities/related occupations	262,000	222,000	133,000	62,000	27,000	23,000	18,000	5,000	17,000	8,000	9,000
Management-related occupations	1,361,000	1,110,000	917,000	95,000	98,000	77,000	53,000	24,000	174,000	73,000	101,000
Non-S&E managers	1,118,000	831,000	713,000	21,000	97,000	164,000	59,000	105,000	123,000	42,000	82,000
Non-S&E postsecondary teachers	141,000	4,000	2,000	S	S	137,000	105,000	32,000	1,000	S	*
Non-S&E precollege/other teachers	724,000	24,000	9,000	6,000	10,000	694,000	3,000	691,000	5,000	S	5,000
Sales/marketing occupations	1,435,000	1,409,000	1,182,000	194,000	33,000	10,000	9,000	1,000	16,000	7,000	9,000
Social services/related occupations	714,000	396,000	96,000	40,000	260,000	148,000	39,000	108,000	171,000	9,000	162,000
Other non-S&E occupations	2,902,000	2,073,000	1,503,000	369,000	202,000	208,000	116,000	92,000	620,000	206,000	415,000
Bachelor's degrees, all occupations	10,886,000	8,108,000	6,381,000	630,000	1,098,000	1,465,000	610,000	855,000	1,312,000	461,000	852,000
S&E occupations	2,911,000	2,253,000	2,063,000	85,000	105,000	270,000	222,000	47,000	388,000	161,000	226,000
Scientists	1,865,000	1,383,000	1,232,000	58,000	93,000	237,000	193,000	44,000	245,000	94,000	151,000
Biological/agricultural/other life scientists	203,000	87,000	70,000	5,000	13,000	64,000	61,000	3,000	52,000	24,000	28,000
Agricultural/food scientists	32,000	17,000	16,000	S	S	4,000	4,000	S	11,000	5,000	5,000
Biological/medical scientists	137,000	61,000	49,000	1,000	11,000	48,000	47,000	S	28,000	11,000	17,000
Environmental life scientists	22,000	8,000	4,000	S	S	S	S	S	14,000	8,000	6,000
Postsecondary teachers-life/related sciences	13,000	S	S	S	S	11,000	9,000	3,000	S	S	S
Computer/mathematical scientists	1,394,000	1,148,000	1,038,000	43,000	67,000	113,000	79,000	34,000	133,000	53,000	80,000
Computer/information scientists	1,345,000	1,126,000	1,020,000	43,000	64,000	94,000	68,000	26,000	125,000	48,000	77,000
Mathematical scientists	32,000	22,000	18,000	S	3,000	2,000	2,000	S	8,000	5,000	3,000
Postsecondary teachers-computer/mathematical sciences	17,000	S	S	S	S	17,000	9,000	8,000	S	S	S
Physical/related scientists	159,000	96,000	91,000	4,000	1,000	28,000	28,000	1,000	35,000	9,000	26,000
Chemists, except biochemists	79,000	61,000	60,000	S	S	8,000	8,000	S	9,000	2,000	7,000
Earth/atmospheric/ocean scientists	39,000	23,000	21,000	2,000	S	4,000	4,000	S	12,000	5,000	6,000
Physicists/astronomers	6,000	1,000	1,000	S	S	5,000	5,000	S	*	S	S
Postsecondary teachers-physical/related sciences	9,000	S	S	S	S	9,000	9,000	1,000	S	S	S
Other physical/related scientists	25,000	10,000	9,000	S	S	2,000	2,000	S	14,000	1,000	13,000
Social/related scientists	108,000	52,000	33,000	6,000	13,000	32,000	25,000	6,000	24,000	8,000	16,000
Economists	9,000	6,000	4,000	S	S	S	S	S	2,000	1,000	S
Political/related scientists	10,000	4,000	1,000	S	2,000	S	S	S	4,000	S	S
Postsecondary teachers-social/related sciences	13,000	S	S	S	S	13,000	9,000	4,000	S	S	S
Psychologists	19,000	7,000	4,000	S	3,000	10,000	7,000	2,000	2,000	S	2,000
Sociologists/anthropologists	8,000	3,000	2,000	S	S	4,000	4,000	S	1,000	S	S
Other social/related scientists	50,000	32,000	22,000	4,000	6,000	3,000	3,000	S	15,000	4,000	11,000

TABLE 16. Employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Engineers	1,046,000	870,000	830,000	27,000	13,000	33,000	29,000	3,000	143,000	68,000	76,000
Aerospace/aeronautical/astronautical engineers	57,000	46,000	45,000	S	*	1,000	1,000	S	9,000	9,000	S
Chemical engineers	51,000	45,000	45,000	*	S	3,000	3,000	S	2,000	2,000	S
Civil/architectural/sanitary engineers	185,000	120,000	111,000	7,000	1,000	1,000	1,000	S	64,000	12,000	52,000
Electrical/computer hardware engineers	242,000	213,000	204,000	5,000	4,000	5,000	4,000	S	24,000	19,000	5,000
Industrial engineers	65,000	63,000	62,000	S	1,000	1,000	1,000	S	1,000	1,000	S
Mechanical engineers	211,000	194,000	187,000	5,000	2,000	4,000	4,000	S	14,000	9,000	5,000
Postsecondary teachers-engineering	8,000	S	S	S	S	8,000	6,000	2,000	S	S	S
Other engineers	227,000	189,000	177,000	8,000	4,000	10,000	9,000	S	29,000	16,000	13,000
S&E-related occupations	2,810,000	1,959,000	1,253,000	106,000	600,000	568,000	224,000	343,000	283,000	97,000	186,000
Health-related occupations	1,865,000	1,417,000	795,000	67,000	556,000	251,000	194,000	57,000	197,000	62,000	135,000
S&E managers	199,000	163,000	137,000	S	25,000	8,000	6,000	2,000	28,000	10,000	18,000
S&E precollege teachers	283,000	2,000	S	S	S	280,000	S	280,000	S	S	S
S&E technicians/technologists	306,000	234,000	206,000	14,000	13,000	23,000	20,000	3,000	49,000	23,000	26,000
Other S&E-related occupations	156,000	144,000	114,000	24,000	5,000	5,000	4,000	S	8,000	S	6,000
Non-S&E occupations	5,165,000	3,896,000	3,065,000	439,000	392,000	628,000	163,000	465,000	641,000	202,000	439,000
Art/humanities/related occupations	165,000	142,000	98,000	29,000	15,000	13,000	9,000	3,000	11,000	5,000	5,000
Management-related occupations	816,000	687,000	579,000	50,000	58,000	41,000	31,000	11,000	87,000	38,000	49,000
Non-S&E managers	528,000	452,000	406,000	11,000	35,000	26,000	11,000	16,000	49,000	22,000	28,000
Non-S&E postsecondary teachers	29,000	S	S	S	S	28,000	18,000	10,000	S	S	S
Non-S&E precollege/other teachers	360,000	11,000	4,000	S	6,000	346,000	2,000	344,000	3,000	S	2,000
Sales/marketing occupations	1,080,000	1,063,000	905,000	135,000	24,000	5,000	4,000	1,000	12,000	6,000	7,000
Social services/related occupations	271,000	149,000	29,000	3,000	118,000	34,000	14,000	20,000	88,000	1,000	87,000
Other non-S&E occupations	1,915,000	1,390,000	1,044,000	210,000	136,000	135,000	75,000	60,000	390,000	129,000	261,000
Master's degrees, all occupations	5,384,000	3,242,000	2,402,000	323,000	517,000	1,485,000	407,000	1,078,000	656,000	247,000	409,000
S&E occupations	1,497,000	1,047,000	936,000	58,000	53,000	257,000	168,000	89,000	192,000	100,000	92,000
Scientists	1,023,000	661,000	567,000	48,000	46,000	231,000	144,000	87,000	132,000	68,000	64,000
Biological/agricultural/other life scientists	113,000	43,000	35,000	2,000	6,000	38,000	32,000	6,000	31,000	17,000	14,000
Agricultural/food scientists	15,000	6,000	6,000	S	S	6,000	6,000	S	3,000	2,000	S
Biological/medical scientists	76,000	35,000	29,000	1,000	4,000	20,000	20,000	S	22,000	12,000	10,000
Environmental life scientists	11,000	3,000	S	S	2,000	2,000	2,000	S	7,000	3,000	4,000
Postsecondary teachers-life/related sciences	11,000	S	S	S	S	11,000	5,000	6,000	S	S	S
Computer/mathematical scientists	627,000	491,000	451,000	19,000	22,000	88,000	59,000	29,000	48,000	24,000	23,000
Computer/information scientists	546,000	469,000	432,000	18,000	19,000	39,000	31,000	7,000	39,000	18,000	20,000
Mathematical scientists	39,000	23,000	19,000	1,000	2,000	7,000	6,000	S	9,000	6,000	3,000
Postsecondary teachers-computer/mathematical sciences	42,000	S	S	S	S	42,000	21,000	21,000	S	S	S
Physical/related scientists	84,000	50,000	44,000	4,000	2,000	19,000	15,000	5,000	15,000	8,000	7,000

TABLE 16. Employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Chemists, except biochemists	26,000	21,000	21,000	S	1,000	2,000	2,000	S	3,000	1,000	2,000
Earth/atmospheric/ocean scientists	30,000	20,000	18,000	2,000	S	3,000	3,000	S	6,000	4,000	2,000
Physicists/astronomers	7,000	3,000	2,000	S	S	3,000	3,000	S	1,000	1,000	S
Postsecondary teachers-physical/related sciences	11,000	S	S	S	S	11,000	7,000	4,000	S	S	S
Other physical/related scientists	10,000	5,000	3,000	S	S	1,000	1,000	S	4,000	2,000	2,000
Social/related scientists	200,000	76,000	37,000	23,000	16,000	85,000	39,000	46,000	38,000	18,000	20,000
Economists	17,000	10,000	9,000	S	1,000	1,000	1,000	S	6,000	4,000	2,000
Political/related scientists	8,000	4,000	1,000	S	3,000	1,000	1,000	S	3,000	3,000	S
Postsecondary teachers-social/related sciences	36,000	S	S	S	S	35,000	24,000	11,000	S	S	S
Psychologists	87,000	34,000	9,000	17,000	8,000	43,000	9,000	34,000	10,000	4,000	7,000
Sociologists/anthropologists	9,000	4,000	2,000	2,000	S	3,000	3,000	S	2,000	1,000	1,000
Other social/related scientists	43,000	25,000	17,000	3,000	5,000	2,000	2,000	S	16,000	6,000	10,000
Engineers	474,000	387,000	369,000	10,000	8,000	27,000	25,000	2,000	61,000	32,000	28,000
Aerospace/aeronautical/astronautical engineers	32,000	24,000	24,000	S	S	1,000	1,000	S	7,000	7,000	S
Chemical engineers	21,000	20,000	19,000	S	S	1,000	1,000	S	*	S	S
Civil/architectural/sanitary engineers	75,000	53,000	49,000	3,000	2,000	1,000	1,000	S	21,000	4,000	17,000
Electrical/computer hardware engineers	128,000	113,000	111,000	2,000	1,000	4,000	4,000	S	11,000	9,000	2,000
Industrial engineers	25,000	23,000	22,000	S	S	1,000	1,000	S	2,000	1,000	S
Mechanical engineers	84,000	77,000	73,000	2,000	1,000	3,000	3,000	S	4,000	3,000	S
Postsecondary teachers-engineering	9,000	S	S	S	S	9,000	7,000	2,000	S	S	S
Other engineers	99,000	77,000	71,000	3,000	3,000	6,000	6,000	S	16,000	8,000	9,000
S&E-related occupations	1,266,000	628,000	381,000	60,000	186,000	519,000	88,000	431,000	118,000	45,000	74,000
Health-related occupations	646,000	407,000	213,000	39,000	155,000	164,000	75,000	89,000	75,000	30,000	45,000
S&E managers	152,000	114,000	88,000	S	24,000	10,000	7,000	3,000	28,000	10,000	18,000
S&E precollege teachers	343,000	3,000	S	S	S	339,000	S	339,000	S	S	S
S&E technicians/technologists	59,000	46,000	37,000	4,000	5,000	6,000	6,000	S	8,000	2,000	6,000
Other S&E-related occupations	67,000	59,000	43,000	14,000	2,000	S	S	S	7,000	S	5,000
Non-S&E occupations	2,621,000	1,567,000	1,084,000	205,000	277,000	708,000	150,000	558,000	346,000	102,000	243,000
Art/humanities/related occupations	82,000	69,000	31,000	27,000	11,000	9,000	7,000	2,000	5,000	1,000	4,000
Management-related occupations	473,000	366,000	298,000	35,000	34,000	29,000	18,000	12,000	77,000	31,000	46,000
Non-S&E managers	480,000	319,000	261,000	7,000	51,000	101,000	23,000	78,000	60,000	16,000	44,000
Non-S&E postsecondary teachers	57,000	S	S	S	S	55,000	37,000	19,000	S	S	S
Non-S&E precollege/other teachers	350,000	12,000	5,000	S	3,000	336,000	S	335,000	2,000	S	2,000
Sales/marketing occupations	313,000	305,000	246,000	51,000	8,000	4,000	4,000	S	4,000	S	S
Social services/related occupations	410,000	221,000	62,000	32,000	127,000	109,000	25,000	84,000	80,000	8,000	72,000
Other non-S&E occupations	456,000	273,000	181,000	48,000	44,000	64,000	36,000	29,000	118,000	45,000	73,000
Doctorate degrees, all occupations	883,000	379,000	271,000	52,000	56,000	433,000	377,000	56,000	72,000	47,000	25,000
S&E occupations	566,000	226,000	166,000	31,000	29,000	291,000	271,000	19,000	50,000	35,000	14,000

TABLE 16. Employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Scientists	467,000	166,000	113,000	27,000	26,000	260,000	241,000	19,000	41,000	29,000	12,000
Biological/agricultural/other life scientists	154,000	44,000	32,000	2,000	9,000	93,000	89,000	4,000	16,000	14,000	3,000
Agricultural/food scientists	10,000	5,000	4,000	*	*	4,000	4,000	S	2,000	2,000	*
Biological/medical scientists	107,000	39,000	28,000	2,000	9,000	55,000	54,000	*	14,000	11,000	3,000
Environmental life scientists	2,000	1,000	*	S	*	*	*	S	1,000	1,000	*
Postsecondary teachers-life/related sciences	34,000	S	S	S	S	34,000	30,000	4,000	S	S	S
Computer/mathematical scientists	83,000	41,000	35,000	3,000	3,000	38,000	35,000	3,000	4,000	2,000	2,000
Computer/information scientists	41,000	34,000	30,000	2,000	2,000	4,000	4,000	S	3,000	1,000	1,000
Mathematical scientists	12,000	7,000	5,000	1,000	1,000	3,000	3,000	S	2,000	1,000	*
Postsecondary teachers-computer/mathematical sciences	30,000	S	S	S	S	30,000	28,000	2,000	S	S	S
Physical/related scientists	89,000	35,000	29,000	2,000	5,000	44,000	41,000	3,000	10,000	7,000	3,000
Chemists, except biochemists	28,000	21,000	19,000	1,000	1,000	4,000	4,000	S	3,000	2,000	1,000
Earth/atmospheric/ocean scientists	11,000	4,000	3,000	*	1,000	3,000	3,000	S	3,000	3,000	1,000
Physicists/astronomers	16,000	8,000	5,000	*	2,000	5,000	5,000	S	3,000	2,000	1,000
Postsecondary teachers-physical/related sciences	31,000	*	S	S	S	31,000	28,000	3,000	S	S	S
Other physical/related scientists	3,000	2,000	1,000	*	*	1,000	1,000	S	1,000	*	*
Social/related scientists	142,000	45,000	17,000	20,000	9,000	85,000	76,000	9,000	11,000	6,000	5,000
Economists	8,000	4,000	3,000	*	1,000	2,000	2,000	S	2,000	2,000	*
Political/related scientists	2,000	*	S	S	*	1,000	1,000	S	*	*	S
Postsecondary teachers-social/related sciences	63,000	S	S	S	S	63,000	59,000	4,000	S	S	S
Psychologists	56,000	36,000	11,000	19,000	6,000	14,000	10,000	5,000	6,000	3,000	3,000
Sociologists/anthropologists	4,000	1,000	1,000	*	1,000	2,000	2,000	S	1,000	1,000	*
Other social/related scientists	8,000	4,000	2,000	1,000	2,000	3,000	3,000	*	1,000	1,000	*
Engineers	99,000	60,000	53,000	4,000	3,000	31,000	30,000	1,000	8,000	6,000	2,000
Aerospace/aeronautical/astronautical engineers	6,000	5,000	4,000	1,000	*	*	*	S	1,000	1,000	*
Chemical engineers	9,000	8,000	7,000	*	*	1,000	1,000	S	*	*	S
Civil/architectural/sanitary engineers	5,000	3,000	3,000	*	S	1,000	1,000	S	1,000	*	1,000
Electrical/computer hardware engineers	24,000	19,000	17,000	1,000	1,000	3,000	3,000	S	1,000	1,000	*
Industrial engineers	2,000	1,000	1,000	S	S	*	*	S	S	S	S
Mechanical engineers	9,000	7,000	7,000	*	*	1,000	1,000	S	1,000	*	S
Postsecondary teachers-engineering	21,000	S	S	S	S	21,000	20,000	1,000	S	S	S
Other engineers	22,000	16,000	14,000	1,000	1,000	4,000	4,000	S	3,000	2,000	1,000
S&E-related occupations	97,000	41,000	31,000	3,000	8,000	47,000	34,000	14,000	8,000	5,000	4,000
Health-related occupations	53,000	19,000	12,000	2,000	4,000	31,000	30,000	1,000	3,000	2,000	1,000
S&E managers	27,000	19,000	16,000	*	3,000	3,000	3,000	*	5,000	2,000	2,000
S&E precollege teachers	12,000	S	S	S	S	12,000	S	12,000	S	S	S
S&E technicians/technologists	4,000	3,000	3,000	S	S	1,000	1,000	S	*	S	*
Other S&E-related occupations	1,000	*	*	S	S	S	S	S	S	S	S

TABLE 16. Employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006

Level of highest degree and occupation	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 occupations	220,000	111,000	74,000	18,000	19,000	95,000	72,000	23,000	14,000	7,000	7,000
Art/humanities/related occupations	8,000	6,000	2,000	3,000	1,000	1,000	1,000	S	1,000	*	S
Management-related occupations	42,000	30,000	23,000	5,000	3,000	5,000	4,000	1,000	6,000	4,000	3,000
Non-S&E managers	67,000	33,000	25,000	1,000	7,000	31,000	21,000	10,000	4,000	2,000	2,000
Non-S&E postsecondary teachers	47,000	1,000	S	S	S	47,000	43,000	3,000	S	S	S
Non-S&E precollege/other teachers	6,000	*	S	S	S	6,000	S	6,000	S	S	S
Sales/marketing occupations	16,000	15,000	12,000	2,000	1,000	S	S	S	S	S	S
Social services/related occupations	14,000	11,000	4,000	2,000	5,000	3,000	*	2,000	1,000	S	1,000
Other non-S&E occupations	20,000	15,000	8,000	5,000	2,000	3,000	2,000	1,000	2,000	1,000	1,000

* = estimate < 500; S = 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/occ03maj.html for a detailed description of the occupational 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. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
All degree levels and occupations[a]	18,927,000	13,137,000	1,549,000	2,014,000	2,228,000
U.S. citizen	17,943,000	12,380,000	1,388,000	1,984,000	2,190,000
Native born	15,939,000	10,885,000	1,224,000	1,859,000	1,971,000
Naturalized	2,003,000	1,495,000	164,000	125,000	219,000
Non-U.S. citizen	985,000	757,000	160,000	30,000	38,000
Permanent resident	732,000	589,000	86,000	25,000	32,000
Temporary resident	253,000	168,000	74,000	5,000	5,000
S&E occupations	5,024,000	3,554,000	675,000	159,000	637,000
U.S. citizen	4,520,000	3,177,000	565,000	156,000	623,000
Native born	3,890,000	2,705,000	496,000	143,000	546,000
Naturalized	630,000	472,000	69,000	13,000	77,000
Non-U.S. citizen	503,000	377,000	110,000	3,000	14,000
Permanent resident	337,000	272,000	53,000	2,000	10,000
Temporary resident	166,000	104,000	57,000	1,000	4,000
Scientists	3,403,000	2,236,000	591,000	152,000	424,000
U.S. citizen	3,027,000	1,965,000	500,000	150,000	413,000
Native born	2,620,000	1,665,000	443,000	137,000	374,000
Naturalized	408,000	300,000	57,000	12,000	39,000
Non-U.S. citizen	376,000	271,000	91,000	3,000	11,000
Permanent resident	256,000	199,000	48,000	2,000	7,000
Temporary resident	120,000	73,000	43,000	1,000	3,000
Biological/agricultural/other life scientists	487,000	182,000	190,000	15,000	101,000
U.S. citizen	432,000	166,000	153,000	14,000	99,000
Native born	373,000	140,000	129,000	13,000	91,000
Naturalized	59,000	26,000	24,000	2,000	7,000
Non-U.S. citizen	55,000	16,000	36,000	*	3,000
Permanent resident	37,000	12,000	23,000	*	2,000
Temporary resident	18,000	4,000	14,000	S	1,000
Agricultural/food scientists	57,000	28,000	13,000	S	15,000
U.S. citizen	53,000	27,000	11,000	S	15,000
Native born	50,000	25,000	11,000	S	15,000
Naturalized	2,000	2,000	*	S	*
Non-U.S. citizen	4,000	1,000	2,000	S	S
Permanent resident	3,000	1,000	2,000	S	S
Temporary resident	1,000	*	1,000	S	S
Biological/medical scientists	336,000	142,000	129,000	1,000	65,000
U.S. citizen	290,000	128,000	98,000	1,000	62,000
Native born	240,000	104,000	80,000	1,000	56,000
Naturalized	50,000	25,000	19,000	S	7,000
Non-U.S. citizen	47,000	13,000	31,000	S	3,000
Permanent resident	30,000	10,000	18,000	S	2,000
Temporary resident	16,000	3,000	12,000	S	1,000
Environmental life scientists	35,000	11,000	3,000	S	21,000
U.S. citizen	33,000	10,000	2,000	S	21,000
Native born	33,000	10,000	2,000	S	21,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	2,000	S	1,000	S	S
Permanent resident	1,000	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-life/related sciences	60,000	1,000	45,000	14,000	S
U.S. citizen	56,000	S	42,000	14,000	S
Native born	50,000	S	37,000	12,000	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Naturalized	7,000	S	5,000	2,000	S
Non-U.S. citizen	3,000	S	3,000	S	S
Permanent resident	3,000	S	2,000	S	S
Temporary resident	1,000	S	1,000	S	S
Computer/mathematical scientists	2,112,000	1,687,000	173,000	66,000	186,000
U.S. citizen	1,843,000	1,452,000	147,000	64,000	180,000
Native born	1,560,000	1,216,000	130,000	58,000	155,000
Naturalized	283,000	235,000	16,000	6,000	25,000
Non-U.S. citizen	269,000	235,000	27,000	2,000	6,000
Permanent resident	191,000	173,000	12,000	1,000	5,000
Temporary resident	79,000	62,000	14,000	*	1,000
Computer/information scientists	1,938,000	1,633,000	104,000	34,000	167,000
U.S. citizen	1,690,000	1,405,000	90,000	33,000	162,000
Native born	1,424,000	1,175,000	81,000	30,000	138,000
Naturalized	265,000	230,000	9,000	3,000	24,000
Non-U.S. citizen	248,000	229,000	14,000	S	5,000
Permanent resident	179,000	168,000	6,000	S	4,000
Temporary resident	70,000	61,000	8,000	S	1,000
Mathematical scientists	85,000	53,000	11,000	2,000	19,000
U.S. citizen	75,000	47,000	9,000	S	19,000
Native born	67,000	41,000	8,000	S	17,000
Naturalized	8,000	6,000	1,000	S	1,000
Non-U.S. citizen	9,000	6,000	2,000	S	1,000
Permanent resident	6,000	5,000	1,000	S	S
Temporary resident	4,000	2,000	2,000	S	S
Postsecondary teachers-computer/mathematical sciences	90,000	*	59,000	31,000	S
U.S. citizen	79,000	*	48,000	30,000	S
Native born	69,000	S	41,000	27,000	S
Naturalized	10,000	S	7,000	3,000	S
Non-U.S. citizen	11,000	S	10,000	1,000	S
Permanent resident	6,000	S	6,000	1,000	S
Temporary resident	5,000	S	5,000	*	S
Physical/related scientists	334,000	182,000	84,000	8,000	60,000
U.S. citizen	305,000	170,000	69,000	8,000	59,000
Native born	268,000	145,000	62,000	7,000	55,000
Naturalized	37,000	25,000	8,000	1,000	4,000
Non-U.S. citizen	28,000	13,000	15,000	S	1,000
Permanent resident	15,000	9,000	6,000	S	1,000
Temporary resident	13,000	4,000	9,000	S	*
Chemists, except biochemists	134,000	104,000	14,000	S	15,000
U.S. citizen	122,000	96,000	11,000	S	15,000
Native born	98,000	75,000	10,000	S	13,000
Naturalized	24,000	21,000	1,000	S	2,000
Non-U.S. citizen	12,000	8,000	3,000	S	*
Permanent resident	8,000	6,000	1,000	S	*
Temporary resident	4,000	2,000	2,000	S	S
Earth/atmospheric/ocean scientists	80,000	48,000	10,000	S	22,000
U.S. citizen	77,000	47,000	8,000	S	21,000
Native born	73,000	45,000	7,000	S	21,000
Naturalized	4,000	2,000	1,000	S	1,000
Non-U.S. citizen	3,000	2,000	2,000	S	*
Permanent resident	2,000	1,000	1,000	S	*

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Temporary resident	2,000	1,000	1,000	S	S
Physicists/astronomers	29,000	12,000	13,000	S	4,000
U.S. citizen	22,000	10,000	8,000	S	4,000
Native born	19,000	8,000	7,000	S	3,000
Naturalized	3,000	2,000	1,000	S	1,000
Non-U.S. citizen	7,000	2,000	5,000	S	*
Permanent resident	2,000	1,000	1,000	S	S
Temporary resident	5,000	*	4,000	S	*
Postsecondary teachers-physical/related sciences	52,000	*	44,000	8,000	S
U.S. citizen	47,000	*	39,000	8,000	S
Native born	42,000	*	34,000	7,000	S
Naturalized	5,000	S	4,000	1,000	S
Non-U.S. citizen	5,000	S	5,000	S	S
Permanent resident	3,000	S	3,000	S	S
Temporary resident	2,000	S	2,000	S	S
Other physical/related scientists	39,000	18,000	3,000	S	18,000
U.S. citizen	38,000	17,000	3,000	S	18,000
Native born	36,000	16,000	3,000	S	17,000
Naturalized	2,000	1,000	S	S	1,000
Non-U.S. citizen	1,000	1,000	*	S	S
Permanent resident	1,000	*	S	S	S
Temporary resident	1,000	S	S	S	S
Social/related scientists	470,000	186,000	144,000	64,000	76,000
U.S. citizen	447,000	178,000	131,000	63,000	76,000
Native born	419,000	164,000	122,000	59,000	73,000
Naturalized	28,000	13,000	9,000	4,000	3,000
Non-U.S. citizen	23,000	8,000	13,000	1,000	1,000
Permanent resident	13,000	5,000	7,000	*	*
Temporary resident	10,000	3,000	6,000	S	*
Economists	33,000	19,000	3,000	S	11,000
U.S. citizen	29,000	16,000	3,000	S	10,000
Native born	26,000	14,000	3,000	S	10,000
Naturalized	3,000	2,000	*	S	*
Non-U.S. citizen	4,000	3,000	1,000	S	*
Permanent resident	2,000	1,000	*	S	*
Temporary resident	2,000	2,000	*	S	S
Political/related scientists	20,000	9,000	3,000	S	8,000
U.S. citizen	20,000	9,000	3,000	S	8,000
Native born	18,000	8,000	3,000	S	8,000
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	1,000	S	*	S	S
Permanent resident	*	S	S	S	S
Temporary resident	*	S	S	S	S
Postsecondary teachers-social/related sciences	115,000	S	95,000	19,000	S
U.S. citizen	105,000	S	85,000	19,000	S
Native born	98,000	S	79,000	18,000	S
Naturalized	7,000	S	6,000	1,000	S
Non-U.S. citizen	10,000	S	10,000	*	S
Permanent resident	5,000	S	5,000	*	S
Temporary resident	4,000	S	4,000	S	S
Psychologists	177,000	87,000	27,000	43,000	20,000
U.S. citizen	173,000	85,000	26,000	42,000	20,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Native born	163,000	80,000	24,000	40,000	19,000
Naturalized	10,000	5,000	1,000	2,000	1,000
Non-U.S. citizen	4,000	2,000	1,000	S	S
Permanent resident	2,000	2,000	*	S	S
Temporary resident	1,000	S	1,000	S	S
Sociologists/anthropologists	21,000	8,000	8,000	S	4,000
U.S. citizen	20,000	8,000	7,000	S	4,000
Native born	19,000	8,000	7,000	S	4,000
Naturalized	1,000	S	*	S	*
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	1,000	S	1,000	S	S
Temporary resident	*	S	*	S	S
Other social/related scientists	103,000	62,000	7,000	1,000	33,000
U.S. citizen	100,000	59,000	7,000	1,000	33,000
Native born	94,000	55,000	7,000	1,000	32,000
Naturalized	6,000	5,000	*	S	1,000
Non-U.S. citizen	3,000	3,000	*	S	S
Permanent resident	2,000	2,000	*	S	S
Temporary resident	1,000	1,000	S	S	S
Engineers	1,621,000	1,317,000	84,000	6,000	213,000
U.S. citizen	1,493,000	1,212,000	65,000	6,000	210,000
Native born	1,270,000	1,040,000	53,000	5,000	172,000
Naturalized	223,000	172,000	12,000	1,000	38,000
Non-U.S. citizen	128,000	105,000	19,000	S	3,000
Permanent resident	82,000	73,000	5,000	S	3,000
Temporary resident	46,000	32,000	14,000	S	*
Aerospace/aeronautical/astronautical engineers	96,000	76,000	3,000	S	18,000
U.S. citizen	93,000	74,000	2,000	S	18,000
Native born	81,000	63,000	2,000	S	16,000
Naturalized	12,000	11,000	*	S	1,000
Non-U.S. citizen	3,000	2,000	1,000	S	S
Permanent resident	2,000	1,000	S	S	S
Temporary resident	1,000	1,000	*	S	S
Chemical engineers	80,000	73,000	4,000	S	3,000
U.S. citizen	74,000	68,000	3,000	S	3,000
Native born	63,000	57,000	3,000	S	2,000
Naturalized	12,000	10,000	S	S	1,000
Non-U.S. citizen	6,000	5,000	1,000	S	S
Permanent resident	4,000	4,000	S	S	S
Temporary resident	2,000	1,000	1,000	S	S
Civil/architectural/sanitary engineers	266,000	177,000	3,000	S	86,000
U.S. citizen	252,000	166,000	2,000	S	84,000
Native born	214,000	146,000	1,000	S	66,000
Naturalized	38,000	19,000	*	S	19,000
Non-U.S. citizen	14,000	11,000	1,000	S	2,000
Permanent resident	9,000	7,000	*	S	2,000
Temporary resident	5,000	4,000	1,000	S	S
Electrical/computer hardware engineers	395,000	346,000	12,000	S	37,000
U.S. citizen	350,000	304,000	8,000	S	37,000
Native born	276,000	240,000	6,000	S	30,000
Naturalized	73,000	64,000	2,000	S	7,000
Non-U.S. citizen	45,000	42,000	3,000	S	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Permanent resident	31,000	30,000	1,000	S	S
Temporary resident	14,000	12,000	3,000	S	S
Industrial engineers	93,000	87,000	1,000	S	4,000
U.S. citizen	83,000	78,000	1,000	S	4,000
Native born	74,000	70,000	1,000	S	3,000
Naturalized	9,000	9,000	S	S	1,000
Non-U.S. citizen	9,000	9,000	1,000	S	S
Permanent resident	5,000	5,000	S	S	S
Temporary resident	4,000	4,000	*	S	S
Mechanical engineers	305,000	278,000	9,000	S	18,000
U.S. citizen	282,000	258,000	6,000	S	18,000
Native born	244,000	224,000	5,000	S	15,000
Naturalized	38,000	34,000	1,000	S	3,000
Non-U.S. citizen	23,000	20,000	3,000	S	S
Permanent resident	15,000	15,000	1,000	S	S
Temporary resident	8,000	6,000	2,000	S	S
Postsecondary teachers-engineering	38,000	S	34,000	4,000	S
U.S. citizen	33,000	S	29,000	4,000	S
Native born	26,000	S	22,000	4,000	S
Naturalized	7,000	S	7,000	1,000	S
Non-U.S. citizen	5,000	S	5,000	S	S
Permanent resident	2,000	S	2,000	S	S
Temporary resident	2,000	S	2,000	S	S
Other engineers	348,000	281,000	19,000	S	47,000
U.S. citizen	326,000	265,000	14,000	S	46,000
Native born	293,000	240,000	13,000	S	40,000
Naturalized	33,000	25,000	2,000	S	6,000
Non-U.S. citizen	22,000	17,000	5,000	S	1,000
Permanent resident	13,000	12,000	1,000	S	1,000
Temporary resident	9,000	5,000	4,000	S	S
S&E-related occupations	5,246,000	3,515,000	472,000	796,000	464,000
U.S. citizen	5,060,000	3,376,000	444,000	787,000	453,000
Native born	4,444,000	2,922,000	379,000	746,000	397,000
Naturalized	616,000	454,000	65,000	41,000	57,000
Non-U.S. citizen	186,000	139,000	28,000	9,000	10,000
Permanent resident	150,000	113,000	21,000	8,000	9,000
Temporary resident	36,000	25,000	7,000	1,000	1,000
Health-related occupations	3,625,000	2,727,000	424,000	149,000	325,000
U.S. citizen	3,505,000	2,639,000	400,000	148,000	318,000
Native born	3,042,000	2,286,000	342,000	141,000	273,000
Naturalized	462,000	353,000	58,000	6,000	45,000
Non-U.S. citizen	121,000	88,000	23,000	S	8,000
Permanent resident	102,000	76,000	18,000	S	6,000
Temporary resident	19,000	12,000	6,000	S	1,000
S&E managers	382,000	297,000	17,000	5,000	64,000
U.S. citizen	364,000	280,000	16,000	5,000	63,000
Native born	321,000	245,000	13,000	4,000	59,000
Naturalized	42,000	34,000	3,000	S	4,000
Non-U.S. citizen	18,000	17,000	1,000	S	S
Permanent resident	15,000	14,000	1,000	S	S
Temporary resident	3,000	3,000	S	S	S
S&E precollege teachers	644,000	4,000	S	638,000	2,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
U.S. citizen	636,000	4,000	S	630,000	2,000
Native born	604,000	4,000	S	598,000	S
Naturalized	32,000	S	S	32,000	S
Non-U.S. citizen	8,000	S	S	8,000	S
Permanent resident	6,000	S	S	6,000	S
Temporary resident	2,000	S	S	1,000	S
S&E technicians/technologists	371,000	282,000	27,000	3,000	58,000
U.S. citizen	344,000	261,000	24,000	3,000	56,000
Native born	291,000	218,000	20,000	3,000	51,000
Naturalized	53,000	44,000	4,000	S	5,000
Non-U.S. citizen	26,000	21,000	3,000	S	2,000
Permanent resident	18,000	15,000	2,000	S	2,000
Temporary resident	8,000	7,000	2,000	S	S
Other S&E-related occupations	224,000	204,000	4,000	S	15,000
U.S. citizen	211,000	192,000	4,000	S	14,000
Native born	185,000	169,000	S	S	11,000
Naturalized	26,000	23,000	S	S	3,000
Non-U.S. citizen	13,000	12,000	S	S	S
Permanent resident	9,000	8,000	S	S	S
Temporary resident	4,000	4,000	S	S	S
Non-S&E occupations	8,657,000	6,068,000	402,000	1,059,000	1,128,000
U.S. citizen	8,362,000	5,827,000	380,000	1,041,000	1,114,000
Native born	7,605,000	5,258,000	349,000	970,000	1,028,000
Naturalized	757,000	569,000	31,000	71,000	86,000
Non-U.S. citizen	295,000	242,000	22,000	18,000	14,000
Permanent resident	244,000	203,000	13,000	15,000	13,000
Temporary resident	51,000	39,000	10,000	2,000	S
Art/humanities/related occupations	262,000	222,000	18,000	5,000	17,000
U.S. citizen	254,000	215,000	18,000	5,000	17,000
Native born	239,000	201,000	17,000	5,000	16,000
Naturalized	16,000	14,000	1,000	S	1,000
Non-U.S. citizen	8,000	7,000	S	S	S
Permanent resident	4,000	4,000	S	S	S
Temporary resident	4,000	3,000	S	S	S
Management-related occupations	1,361,000	1,110,000	53,000	24,000	174,000
U.S. citizen	1,300,000	1,053,000	52,000	24,000	171,000
Native born	1,151,000	926,000	46,000	23,000	156,000
Naturalized	150,000	127,000	7,000	1,000	15,000
Non-U.S. citizen	60,000	56,000	1,000	S	3,000
Permanent resident	47,000	43,000	1,000	S	3,000
Temporary resident	13,000	13,000	S	S	S
Non-S&E managers	1,118,000	831,000	59,000	105,000	123,000
U.S. citizen	1,083,000	798,000	58,000	104,000	123,000
Native born	991,000	718,000	51,000	102,000	120,000
Naturalized	92,000	81,000	7,000	2,000	3,000
Non-U.S. citizen	35,000	33,000	1,000	S	S
Permanent resident	33,000	31,000	1,000	S	S
Temporary resident	2,000	2,000	S	S	S
Non-S&E postsecondary teachers	141,000	4,000	105,000	32,000	1,000
U.S. citizen	132,000	3,000	97,000	32,000	*
Native born	121,000	3,000	89,000	28,000	*
Naturalized	12,000	S	8,000	4,000	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Non-U.S. citizen	9,000	S	8,000	S	S
Permanent resident	5,000	S	4,000	S	S
Temporary resident	4,000	S	4,000	S	S
Non-S&E precollege/other teachers	724,000	24,000	3,000	691,000	5,000
U.S. citizen	708,000	23,000	3,000	676,000	5,000
Native born	658,000	21,000	3,000	629,000	5,000
Naturalized	50,000	2,000	S	47,000	S
Non-U.S. citizen	16,000	S	S	15,000	S
Permanent resident	15,000	S	S	13,000	S
Temporary resident	1,000	S	S	1,000	S
Sales/marketing occupations	1,435,000	1,409,000	9,000	1,000	16,000
U.S. citizen	1,383,000	1,357,000	8,000	1,000	16,000
Native born	1,253,000	1,231,000	8,000	S	14,000
Naturalized	130,000	126,000	S	S	3,000
Non-U.S. citizen	53,000	52,000	S	S	S
Permanent resident	46,000	46,000	S	S	S
Temporary resident	6,000	6,000	S	S	S
Social services/related occupations	714,000	396,000	39,000	108,000	171,000
U.S. citizen	701,000	387,000	39,000	108,000	168,000
Native born	653,000	363,000	36,000	99,000	154,000
Naturalized	48,000	24,000	2,000	8,000	14,000
Non-U.S. citizen	13,000	9,000	1,000	S	3,000
Permanent resident	12,000	8,000	S	S	3,000
Temporary resident	1,000	S	S	S	S
Other non-S&E occupations	2,902,000	2,073,000	116,000	92,000	620,000
U.S. citizen	2,800,000	1,991,000	105,000	91,000	614,000
Native born	2,540,000	1,796,000	98,000	83,000	563,000
Naturalized	260,000	195,000	6,000	8,000	51,000
Non-U.S. citizen	101,000	82,000	11,000	1,000	7,000
Permanent resident	83,000	69,000	6,000	1,000	7,000
Temporary resident	18,000	13,000	5,000	S	S
Bachelor's degrees, all occupations	10,886,000	8,108,000	610,000	855,000	1,312,000
U.S. citizen	10,466,000	7,753,000	578,000	840,000	1,295,000
Native born	9,419,000	6,939,000	523,000	779,000	1,179,000
Naturalized	1,047,000	814,000	55,000	62,000	117,000
Non-U.S. citizen	420,000	356,000	32,000	15,000	17,000
Permanent resident	351,000	301,000	21,000	13,000	17,000
Temporary resident	68,000	54,000	11,000	2,000	S
S&E occupations	2,911,000	2,253,000	222,000	47,000	388,000
U.S. citizen	2,750,000	2,112,000	207,000	47,000	384,000
Native born	2,448,000	1,869,000	193,000	43,000	342,000
Naturalized	302,000	243,000	14,000	4,000	41,000
Non-U.S. citizen	161,000	141,000	15,000	S	4,000
Permanent resident	127,000	115,000	9,000	S	4,000
Temporary resident	34,000	26,000	7,000	S	S
Scientists	1,865,000	1,383,000	193,000	44,000	245,000
U.S. citizen	1,747,000	1,282,000	180,000	44,000	242,000
Native born	1,554,000	1,124,000	168,000	40,000	222,000
Naturalized	193,000	157,000	12,000	4,000	20,000
Non-U.S. citizen	118,000	102,000	13,000	S	3,000
Permanent resident	93,000	82,000	8,000	S	2,000
Temporary resident	25,000	19,000	5,000	S	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Biological/agricultural/other life scientists	203,000	87,000	61,000	3,000	52,000
U.S. citizen	195,000	85,000	55,000	3,000	52,000
Native born	178,000	77,000	49,000	3,000	50,000
Naturalized	17,000	9,000	6,000	S	2,000
Non-U.S. citizen	8,000	2,000	6,000	S	S
Permanent resident	6,000	2,000	4,000	S	S
Temporary resident	1,000	S	S	S	S
Agricultural/food scientists	32,000	17,000	4,000	S	11,000
U.S. citizen	31,000	17,000	3,000	S	11,000
Native born	30,000	17,000	3,000	S	11,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Biological/medical scientists	137,000	61,000	47,000	S	28,000
U.S. citizen	131,000	60,000	43,000	S	28,000
Native born	116,000	52,000	38,000	S	26,000
Naturalized	15,000	8,000	5,000	S	2,000
Non-U.S. citizen	6,000	1,000	5,000	S	S
Permanent resident	5,000	1,000	4,000	S	S
Temporary resident	S	S	S	S	S
Environmental life scientists	22,000	8,000	S	S	14,000
U.S. citizen	21,000	7,000	S	S	14,000
Native born	21,000	7,000	S	S	14,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-life/related sciences	13,000	S	9,000	3,000	S
U.S. citizen	13,000	S	9,000	3,000	S
Native born	11,000	S	8,000	2,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	1,394,000	1,148,000	79,000	34,000	133,000
U.S. citizen	1,293,000	1,053,000	75,000	34,000	131,000
Native born	1,136,000	919,000	72,000	31,000	115,000
Naturalized	156,000	134,000	4,000	3,000	16,000
Non-U.S. citizen	102,000	95,000	4,000	S	2,000
Permanent resident	81,000	77,000	3,000	S	2,000
Temporary resident	20,000	18,000	2,000	S	S
Computer/information scientists	1,345,000	1,126,000	68,000	26,000	125,000
U.S. citizen	1,245,000	1,032,000	65,000	26,000	123,000
Native born	1,091,000	899,000	61,000	23,000	107,000
Naturalized	154,000	133,000	3,000	3,000	16,000
Non-U.S. citizen	100,000	94,000	4,000	S	2,000
Permanent resident	80,000	76,000	2,000	S	2,000
Temporary resident	20,000	18,000	1,000	S	S
Mathematical scientists	32,000	22,000	2,000	S	8,000
U.S. citizen	31,000	21,000	2,000	S	8,000
Native born	29,000	19,000	2,000	S	8,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	1,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	17,000	S	9,000	8,000	S
U.S. citizen	17,000	S	9,000	8,000	S
Native born	16,000	S	8,000	8,000	S
Naturalized	1,000	S	*	S	S
Non-U.S. citizen	*	S	*	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Physical/related scientists	159,000	96,000	28,000	1,000	35,000
U.S. citizen	155,000	93,000	26,000	1,000	35,000
Native born	142,000	83,000	24,000	1,000	34,000
Naturalized	13,000	10,000	2,000	S	1,000
Non-U.S. citizen	4,000	2,000	2,000	S	S
Permanent resident	2,000	2,000	*	S	S
Temporary resident	2,000	S	2,000	S	S
Chemists, except biochemists	79,000	61,000	8,000	S	9,000
U.S. citizen	77,000	60,000	8,000	S	9,000
Native born	66,000	50,000	7,000	S	9,000
Naturalized	11,000	10,000	S	S	S
Non-U.S. citizen	2,000	1,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	S	S	S	S	S
Earth/atmospheric/ocean scientists	39,000	23,000	4,000	S	12,000
U.S. citizen	38,000	23,000	4,000	S	12,000
Native born	37,000	22,000	3,000	S	12,000
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Physicists/astronomers	6,000	1,000	5,000	S	*
U.S. citizen	5,000	1,000	3,000	S	*
Native born	5,000	1,000	3,000	S	*
Naturalized	S	S	S	S	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	1,000	S	1,000	S	S
Postsecondary teachers-physical/related sciences	9,000	S	9,000	1,000	S
U.S. citizen	9,000	S	8,000	1,000	S
Native born	9,000	S	8,000	1,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	*	S	*	S	S
Other physical/related scientists	25,000	10,000	2,000	S	14,000
U.S. citizen	25,000	9,000	2,000	S	14,000
Native born	25,000	9,000	2,000	S	13,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Temporary resident	S	S	S	S	S
Social/related scientists	108,000	52,000	25,000	6,000	24,000
U.S. citizen	104,000	50,000	24,000	6,000	24,000
Native born	98,000	46,000	23,000	6,000	23,000
Naturalized	6,000	4,000	1,000	S	S
Non-U.S. citizen	4,000	2,000	2,000	S	S
Permanent resident	3,000	2,000	S	S	S
Temporary resident	1,000	S	S	S	S
Economists	9,000	6,000	S	S	2,000
U.S. citizen	8,000	5,000	S	S	2,000
Native born	7,000	4,000	S	S	2,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Political/related scientists	10,000	4,000	S	S	4,000
U.S. citizen	10,000	4,000	S	S	4,000
Native born	9,000	3,000	S	S	4,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-social/related sciences	13,000	S	9,000	4,000	S
U.S. citizen	12,000	S	8,000	4,000	S
Native born	12,000	S	8,000	4,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Psychologists	19,000	7,000	7,000	2,000	2,000
U.S. citizen	18,000	7,000	7,000	2,000	2,000
Native born	16,000	6,000	6,000	2,000	S
Naturalized	2,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	8,000	3,000	4,000	S	1,000
U.S. citizen	7,000	3,000	3,000	S	S
Native born	7,000	3,000	3,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	50,000	32,000	3,000	S	15,000
U.S. citizen	49,000	31,000	2,000	S	15,000
Native born	47,000	30,000	2,000	S	15,000
Naturalized	2,000	2,000	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	1,046,000	870,000	29,000	3,000	143,000
U.S. citizen	1,003,000	830,000	27,000	3,000	142,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Native born	893,000	745,000	25,000	3,000	120,000
Naturalized	109,000	85,000	2,000	S	22,000
Non-U.S. citizen	43,000	40,000	2,000	S	1,000
Permanent resident	34,000	32,000	1,000	S	1,000
Temporary resident	9,000	7,000	2,000	S	S
Aerospace/aeronautical/astronautical engineers	57,000	46,000	1,000	S	9,000
U.S. citizen	56,000	45,000	1,000	S	9,000
Native born	51,000	41,000	1,000	S	9,000
Naturalized	5,000	4,000	S	S	1,000
Non-U.S. citizen	1,000	1,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	S	S	S	S	S
Chemical engineers	51,000	45,000	3,000	S	2,000
U.S. citizen	49,000	43,000	3,000	S	2,000
Native born	44,000	39,000	3,000	S	2,000
Naturalized	5,000	4,000	S	S	S
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	S	S	S	S	S
Civil/architectural/sanitary engineers	185,000	120,000	1,000	S	64,000
U.S. citizen	180,000	116,000	1,000	S	63,000
Native born	160,000	107,000	1,000	S	52,000
Naturalized	20,000	9,000	S	S	11,000
Non-U.S. citizen	5,000	4,000	S	S	1,000
Permanent resident	4,000	3,000	S	S	1,000
Temporary resident	1,000	1,000	S	S	S
Electrical/computer hardware engineers	242,000	213,000	4,000	S	24,000
U.S. citizen	228,000	200,000	4,000	S	24,000
Native born	193,000	170,000	3,000	S	19,000
Naturalized	36,000	31,000	S	S	5,000
Non-U.S. citizen	13,000	13,000	S	S	S
Permanent resident	11,000	11,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Industrial engineers	65,000	63,000	1,000	S	1,000
U.S. citizen	60,000	58,000	1,000	S	1,000
Native born	54,000	52,000	1,000	S	1,000
Naturalized	7,000	7,000	S	S	S
Non-U.S. citizen	5,000	5,000	S	S	S
Permanent resident	3,000	3,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Mechanical engineers	211,000	194,000	4,000	S	14,000
U.S. citizen	203,000	185,000	4,000	S	13,000
Native born	181,000	166,000	3,000	S	12,000
Naturalized	22,000	20,000	S	S	2,000
Non-U.S. citizen	9,000	8,000	*	S	S
Permanent resident	7,000	7,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Postsecondary teachers-engineering	8,000	S	6,000	2,000	S
U.S. citizen	8,000	S	6,000	2,000	S
Native born	7,000	S	5,000	2,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other engineers	227,000	189,000	9,000	S	29,000
U.S. citizen	219,000	182,000	9,000	S	28,000
Native born	204,000	171,000	8,000	S	26,000
Naturalized	15,000	11,000	1,000	S	3,000
Non-U.S. citizen	8,000	7,000	S	S	S
Permanent resident	6,000	6,000	S	S	S
Temporary resident	2,000	1,000	S	S	S
S&E-related occupations	2,810,000	1,959,000	224,000	343,000	283,000
U.S. citizen	2,716,000	1,882,000	217,000	338,000	279,000
Native born	2,420,000	1,662,000	188,000	322,000	248,000
Naturalized	296,000	221,000	29,000	16,000	31,000
Non-U.S. citizen	94,000	77,000	8,000	5,000	4,000
Permanent resident	82,000	66,000	7,000	5,000	4,000
Temporary resident	12,000	11,000	S	S	S
Health-related occupations	1,865,000	1,417,000	194,000	57,000	197,000
U.S. citizen	1,807,000	1,371,000	188,000	55,000	193,000
Native born	1,596,000	1,212,000	162,000	52,000	170,000
Naturalized	211,000	158,000	25,000	4,000	24,000
Non-U.S. citizen	58,000	47,000	6,000	S	S
Permanent resident	54,000	43,000	6,000	S	S
Temporary resident	4,000	4,000	S	S	S
S&E managers	199,000	163,000	6,000	2,000	28,000
U.S. citizen	191,000	155,000	6,000	2,000	28,000
Native born	173,000	140,000	5,000	S	26,000
Naturalized	18,000	14,000	S	S	2,000
Non-U.S. citizen	8,000	8,000	S	S	S
Permanent resident	7,000	7,000	S	S	S
Temporary resident	S	S	S	S	S
S&E precollege teachers	283,000	2,000	S	280,000	S
U.S. citizen	279,000	2,000	S	276,000	S
Native born	269,000	2,000	S	266,000	S
Naturalized	10,000	S	S	10,000	S
Non-U.S. citizen	4,000	S	S	4,000	S
Permanent resident	4,000	S	S	4,000	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	306,000	234,000	20,000	3,000	49,000
U.S. citizen	290,000	218,000	19,000	3,000	49,000
Native born	249,000	184,000	17,000	2,000	45,000
Naturalized	40,000	34,000	2,000	S	4,000
Non-U.S. citizen	17,000	16,000	S	S	S
Permanent resident	12,000	11,000	S	S	S
Temporary resident	5,000	5,000	S	S	S
Other S&E-related occupations	156,000	144,000	4,000	S	8,000
U.S. citizen	149,000	137,000	4,000	S	7,000
Native born	133,000	123,000	S	S	6,000
Naturalized	16,000	14,000	S	S	S
Non-U.S. citizen	7,000	7,000	S	S	S
Permanent resident	5,000	5,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	5,165,000	3,896,000	163,000	465,000	641,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
U.S. citizen	5,000,000	3,758,000	154,000	455,000	632,000
Native born	4,552,000	3,408,000	142,000	414,000	588,000
Naturalized	448,000	351,000	12,000	41,000	45,000
Non-U.S. citizen	164,000	137,000	9,000	9,000	9,000
Permanent resident	142,000	121,000	5,000	8,000	9,000
Temporary resident	22,000	17,000	4,000	2,000	S
Art/humanities/related occupations	165,000	142,000	9,000	3,000	11,000
U.S. citizen	163,000	140,000	9,000	3,000	11,000
Native born	153,000	131,000	8,000	S	11,000
Naturalized	10,000	9,000	S	S	S
Non-U.S. citizen	2,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Management-related occupations	816,000	687,000	31,000	11,000	87,000
U.S. citizen	791,000	664,000	30,000	11,000	86,000
Native born	707,000	588,000	27,000	10,000	81,000
Naturalized	84,000	76,000	3,000	S	4,000
Non-U.S. citizen	25,000	23,000	S	S	S
Permanent resident	21,000	19,000	S	S	S
Temporary resident	4,000	4,000	S	S	S
Non-S&E managers	528,000	452,000	11,000	16,000	49,000
U.S. citizen	512,000	437,000	10,000	16,000	49,000
Native born	477,000	406,000	8,000	14,000	49,000
Naturalized	35,000	31,000	2,000	S	S
Non-U.S. citizen	16,000	16,000	S	S	S
Permanent resident	15,000	15,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E postsecondary teachers	29,000	S	18,000	10,000	S
U.S. citizen	28,000	S	17,000	10,000	S
Native born	26,000	S	17,000	8,000	S
Naturalized	2,000	S	S	S	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	1,000	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E precollege/other teachers	360,000	11,000	2,000	344,000	3,000
U.S. citizen	350,000	9,000	2,000	336,000	3,000
Native born	321,000	9,000	2,000	308,000	3,000
Naturalized	29,000	S	S	28,000	S
Non-U.S. citizen	10,000	S	S	8,000	S
Permanent resident	8,000	S	S	7,000	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	1,080,000	1,063,000	4,000	1,000	12,000
U.S. citizen	1,046,000	1,029,000	3,000	1,000	12,000
Native born	961,000	946,000	3,000	S	10,000
Naturalized	86,000	83,000	S	S	S
Non-U.S. citizen	34,000	34,000	S	S	S
Permanent resident	31,000	31,000	S	S	S
Temporary resident	3,000	3,000	S	S	S
Social services/related occupations	271,000	149,000	14,000	20,000	88,000
U.S. citizen	264,000	145,000	14,000	20,000	85,000
Native born	241,000	133,000	12,000	17,000	79,000
Naturalized	23,000	12,000	S	3,000	6,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Non-U.S. citizen	7,000	4,000	S	S	3,000
Permanent resident	6,000	3,000	S	S	3,000
Temporary resident	S	S	S	S	S
Other non-S&E occupations	1,915,000	1,390,000	75,000	60,000	390,000
U.S. citizen	1,846,000	1,333,000	68,000	59,000	386,000
Native born	1,666,000	1,195,000	64,000	53,000	354,000
Naturalized	180,000	138,000	4,000	6,000	32,000
Non-U.S. citizen	70,000	57,000	7,000	S	5,000
Permanent resident	58,000	49,000	4,000	S	5,000
Temporary resident	11,000	8,000	3,000	S	S
Master's degrees, all occupations	5,384,000	3,242,000	407,000	1,078,000	656,000
U.S. citizen	5,004,000	2,944,000	351,000	1,065,000	643,000
Native born	4,420,000	2,517,000	319,000	1,012,000	572,000
Naturalized	584,000	427,000	32,000	54,000	71,000
Non-U.S. citizen	380,000	299,000	55,000	13,000	13,000
Permanent resident	247,000	208,000	17,000	11,000	10,000
Temporary resident	134,000	90,000	38,000	2,000	3,000
S&E occupations	1,497,000	1,047,000	168,000	89,000	192,000
U.S. citizen	1,262,000	860,000	128,000	87,000	186,000
Native born	1,039,000	680,000	116,000	81,000	161,000
Naturalized	223,000	180,000	12,000	6,000	25,000
Non-U.S. citizen	236,000	187,000	40,000	2,000	6,000
Permanent resident	137,000	122,000	10,000	1,000	4,000
Temporary resident	98,000	65,000	30,000	S	2,000
Scientists	1,023,000	661,000	144,000	87,000	132,000
U.S. citizen	850,000	524,000	113,000	85,000	127,000
Native born	712,000	414,000	103,000	80,000	116,000
Naturalized	137,000	110,000	11,000	6,000	11,000
Non-U.S. citizen	174,000	137,000	30,000	2,000	5,000
Permanent resident	104,000	91,000	9,000	1,000	3,000
Temporary resident	70,000	46,000	21,000	S	2,000
Biological/agricultural/other life scientists	113,000	43,000	32,000	6,000	31,000
U.S. citizen	102,000	41,000	25,000	6,000	30,000
Native born	92,000	34,000	23,000	6,000	29,000
Naturalized	11,000	6,000	2,000	S	2,000
Non-U.S. citizen	10,000	3,000	7,000	S	S
Permanent resident	5,000	2,000	3,000	S	S
Temporary resident	6,000	1,000	4,000	S	S
Agricultural/food scientists	15,000	6,000	6,000	S	3,000
U.S. citizen	13,000	6,000	5,000	S	3,000
Native born	13,000	5,000	5,000	S	2,000
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	1,000	S	*	S	S
Biological/medical scientists	76,000	35,000	20,000	S	22,000
U.S. citizen	68,000	32,000	14,000	S	21,000
Native born	58,000	27,000	12,000	S	20,000
Naturalized	9,000	6,000	2,000	S	1,000
Non-U.S. citizen	8,000	2,000	6,000	S	S
Permanent resident	4,000	1,000	2,000	S	S
Temporary resident	5,000	S	4,000	S	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Environmental life scientists	11,000	3,000	2,000	S	7,000
U.S. citizen	10,000	2,000	1,000	S	7,000
Native born	10,000	2,000	1,000	S	7,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-life/related sciences	11,000	S	5,000	6,000	S
U.S. citizen	11,000	S	4,000	6,000	S
Native born	10,000	S	4,000	6,000	S
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	627,000	491,000	59,000	29,000	48,000
U.S. citizen	481,000	364,000	44,000	28,000	44,000
Native born	374,000	274,000	38,000	25,000	37,000
Naturalized	107,000	90,000	6,000	3,000	8,000
Non-U.S. citizen	146,000	127,000	14,000	1,000	3,000
Permanent resident	94,000	86,000	5,000	1,000	2,000
Temporary resident	52,000	41,000	10,000	S	1,000
Computer/information scientists	546,000	469,000	31,000	7,000	39,000
U.S. citizen	410,000	344,000	22,000	7,000	36,000
Native born	311,000	257,000	18,000	6,000	29,000
Naturalized	99,000	87,000	4,000	S	7,000
Non-U.S. citizen	136,000	124,000	9,000	S	3,000
Permanent resident	90,000	84,000	3,000	S	2,000
Temporary resident	47,000	40,000	6,000	S	S
Mathematical scientists	39,000	23,000	6,000	S	9,000
U.S. citizen	33,000	19,000	5,000	S	9,000
Native born	30,000	16,000	4,000	S	8,000
Naturalized	4,000	3,000	S	S	1,000
Non-U.S. citizen	5,000	3,000	1,000	S	S
Permanent resident	3,000	2,000	S	S	S
Temporary resident	3,000	1,000	1,000	S	S
Postsecondary teachers-computer/mathematical sciences	42,000	S	21,000	21,000	S
U.S. citizen	37,000	S	17,000	20,000	S
Native born	33,000	S	15,000	18,000	S
Naturalized	4,000	S	2,000	2,000	S
Non-U.S. citizen	5,000	S	4,000	1,000	S
Permanent resident	2,000	S	2,000	1,000	S
Temporary resident	3,000	S	3,000	S	S
Physical/related scientists	84,000	50,000	15,000	5,000	15,000
U.S. citizen	76,000	47,000	11,000	5,000	14,000
Native born	66,000	39,000	10,000	4,000	13,000
Naturalized	10,000	8,000	*	S	1,000
Non-U.S. citizen	8,000	3,000	4,000	S	*
Permanent resident	2,000	1,000	1,000	S	*
Temporary resident	5,000	2,000	3,000	S	S
Chemists, except biochemists	26,000	21,000	2,000	S	3,000
U.S. citizen	23,000	19,000	1,000	S	3,000
Native born	16,000	13,000	1,000	S	3,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Naturalized	7,000	7,000	S	S	1,000
Non-U.S. citizen	3,000	2,000	1,000	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	2,000	1,000	1,000	S	S
Earth/atmospheric/ocean scientists	30,000	20,000	3,000	S	6,000
U.S. citizen	28,000	20,000	2,000	S	6,000
Native born	27,000	19,000	2,000	S	6,000
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	1,000	*	1,000	S	S
Permanent resident	*	S	S	S	S
Temporary resident	1,000	S	*	S	S
Physicists/astronomers	7,000	3,000	3,000	S	1,000
U.S. citizen	4,000	2,000	1,000	S	1,000
Native born	4,000	2,000	1,000	S	1,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	2,000	S	2,000	S	S
Permanent resident	*	S	S	S	S
Temporary resident	2,000	S	2,000	S	S
Postsecondary teachers-physical/related sciences	11,000	S	7,000	4,000	S
U.S. citizen	10,000	S	6,000	4,000	S
Native born	10,000	S	5,000	4,000	S
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	1,000	S	1,000	S	S
Other physical/related scientists	10,000	5,000	1,000	S	4,000
U.S. citizen	10,000	5,000	1,000	S	4,000
Native born	9,000	5,000	1,000	S	3,000
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	200,000	76,000	39,000	46,000	38,000
U.S. citizen	190,000	73,000	34,000	46,000	38,000
Native born	181,000	67,000	32,000	44,000	37,000
Naturalized	10,000	5,000	1,000	2,000	1,000
Non-U.S. citizen	9,000	4,000	5,000	S	S
Permanent resident	3,000	2,000	1,000	S	S
Temporary resident	7,000	2,000	4,000	S	S
Economists	17,000	10,000	1,000	S	6,000
U.S. citizen	15,000	8,000	S	S	6,000
Native born	14,000	8,000	S	S	6,000
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	1,000	1,000	S	S	S
Political/related scientists	8,000	4,000	1,000	S	3,000
U.S. citizen	8,000	4,000	S	S	3,000
Native born	7,000	3,000	S	S	3,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Temporary resident	S	S	S	S	S
Postsecondary teachers-social/related sciences	36,000	S	24,000	11,000	S
U.S. citizen	32,000	S	20,000	11,000	S
Native born	30,000	S	19,000	10,000	S
Naturalized	2,000	S	1,000	1,000	S
Non-U.S. citizen	4,000	S	3,000	S	S
Permanent resident	1,000	S	S	S	S
Temporary resident	3,000	S	3,000	S	S
Psychologists	87,000	34,000	9,000	34,000	10,000
U.S. citizen	86,000	33,000	9,000	34,000	10,000
Native born	82,000	31,000	8,000	32,000	10,000
Naturalized	4,000	2,000	S	2,000	S
Non-U.S. citizen	2,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	9,000	4,000	3,000	S	2,000
U.S. citizen	8,000	4,000	2,000	S	2,000
Native born	8,000	4,000	2,000	S	2,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	43,000	25,000	2,000	S	16,000
U.S. citizen	42,000	24,000	2,000	S	16,000
Native born	39,000	22,000	2,000	S	15,000
Naturalized	3,000	2,000	S	S	S
Non-U.S. citizen	1,000	1,000	S	S	S
Permanent resident	*	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	474,000	387,000	25,000	2,000	61,000
U.S. citizen	412,000	336,000	15,000	2,000	59,000
Native born	326,000	266,000	13,000	2,000	46,000
Naturalized	86,000	71,000	1,000	S	13,000
Non-U.S. citizen	62,000	50,000	10,000	S	2,000
Permanent resident	33,000	31,000	1,000	S	1,000
Temporary resident	29,000	19,000	9,000	S	S
Aerospace/aeronautical/astronautical engineers	32,000	24,000	1,000	S	7,000
U.S. citizen	31,000	24,000	1,000	S	7,000
Native born	26,000	19,000	1,000	S	6,000
Naturalized	5,000	4,000	S	S	1,000
Non-U.S. citizen	1,000	1,000	*	S	S
Permanent resident	1,000	*	S	S	S
Temporary resident	*	S	*	S	S
Chemical engineers	21,000	20,000	1,000	S	*
U.S. citizen	18,000	18,000	*	S	*
Native born	15,000	14,000	*	S	S
Naturalized	4,000	4,000	S	S	S
Non-U.S. citizen	2,000	2,000	1,000	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	1,000	*	1,000	S	S
Civil/architectural/sanitary engineers	75,000	53,000	1,000	S	21,000
U.S. citizen	68,000	47,000	*	S	20,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Native born	51,000	38,000	*	S	13,000
Naturalized	17,000	9,000	S	S	7,000
Non-U.S. citizen	8,000	6,000	1,000	S	1,000
Permanent resident	4,000	3,000	S	S	1,000
Temporary resident	4,000	3,000	1,000	S	S
Electrical/computer hardware engineers	128,000	113,000	4,000	S	11,000
U.S. citizen	104,000	91,000	2,000	S	11,000
Native born	73,000	63,000	2,000	S	9,000
Naturalized	31,000	29,000	S	S	2,000
Non-U.S. citizen	24,000	22,000	2,000	S	S
Permanent resident	14,000	14,000	S	S	S
Temporary resident	9,000	8,000	2,000	S	S
Industrial engineers	25,000	23,000	1,000	S	2,000
U.S. citizen	21,000	19,000	S	S	2,000
Native born	19,000	17,000	S	S	1,000
Naturalized	2,000	2,000	S	S	S
Non-U.S. citizen	4,000	4,000	*	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	3,000	2,000	*	S	S
Mechanical engineers	84,000	77,000	3,000	S	4,000
U.S. citizen	72,000	67,000	2,000	S	4,000
Native born	59,000	54,000	2,000	S	3,000
Naturalized	13,000	12,000	S	S	1,000
Non-U.S. citizen	12,000	10,000	2,000	S	S
Permanent resident	7,000	7,000	S	S	S
Temporary resident	5,000	4,000	1,000	S	S
Postsecondary teachers-engineering	9,000	S	7,000	2,000	S
U.S. citizen	8,000	S	6,000	2,000	S
Native born	7,000	S	5,000	2,000	S
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	2,000	S	2,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	1,000	S	1,000	S	S
Other engineers	99,000	77,000	6,000	S	16,000
U.S. citizen	89,000	70,000	3,000	S	16,000
Native born	76,000	60,000	3,000	S	13,000
Naturalized	13,000	10,000	S	S	2,000
Non-U.S. citizen	10,000	6,000	3,000	S	1,000
Permanent resident	4,000	4,000	S	S	S
Temporary resident	5,000	2,000	3,000	S	S
S&E-related occupations	1,266,000	628,000	88,000	431,000	118,000
U.S. citizen	1,226,000	601,000	82,000	428,000	116,000
Native born	1,108,000	527,000	71,000	407,000	103,000
Naturalized	119,000	74,000	11,000	21,000	13,000
Non-U.S. citizen	40,000	28,000	6,000	3,000	2,000
Permanent resident	29,000	21,000	3,000	2,000	2,000
Temporary resident	11,000	6,000	3,000	S	S
Health-related occupations	646,000	407,000	75,000	89,000	75,000
U.S. citizen	632,000	397,000	71,000	89,000	75,000
Native born	571,000	356,000	62,000	88,000	65,000
Naturalized	61,000	41,000	9,000	1,000	10,000
Non-U.S. citizen	14,000	10,000	4,000	S	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Permanent resident	11,000	9,000	2,000	S	S
Temporary resident	3,000	1,000	2,000	S	S
S&E managers	152,000	114,000	7,000	3,000	28,000
U.S. citizen	143,000	106,000	6,000	3,000	28,000
Native born	126,000	91,000	6,000	S	27,000
Naturalized	18,000	15,000	1,000	S	1,000
Non-U.S. citizen	8,000	7,000	S	S	S
Permanent resident	7,000	6,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
S&E precollege teachers	343,000	3,000	S	339,000	S
U.S. citizen	339,000	S	S	336,000	S
Native born	319,000	S	S	316,000	S
Naturalized	20,000	S	S	20,000	S
Non-U.S. citizen	3,000	S	S	3,000	S
Permanent resident	2,000	S	S	2,000	S
Temporary resident	1,000	S	S	S	S
S&E technicians/technologists	59,000	46,000	6,000	S	8,000
U.S. citizen	51,000	41,000	4,000	S	6,000
Native born	40,000	32,000	3,000	S	6,000
Naturalized	10,000	9,000	1,000	S	1,000
Non-U.S. citizen	9,000	5,000	2,000	S	1,000
Permanent resident	5,000	3,000	S	S	S
Temporary resident	3,000	2,000	1,000	S	S
Other S&E-related occupations	67,000	59,000	S	S	7,000
U.S. citizen	61,000	54,000	S	S	7,000
Native born	52,000	46,000	S	S	6,000
Naturalized	10,000	8,000	S	S	S
Non-U.S. citizen	5,000	5,000	S	S	S
Permanent resident	3,000	3,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Non-S&E occupations	2,621,000	1,567,000	150,000	558,000	346,000
U.S. citizen	2,516,000	1,483,000	141,000	550,000	341,000
Native born	2,273,000	1,310,000	132,000	524,000	307,000
Naturalized	243,000	173,000	9,000	27,000	34,000
Non-U.S. citizen	105,000	84,000	9,000	8,000	4,000
Permanent resident	81,000	65,000	4,000	7,000	4,000
Temporary resident	24,000	19,000	4,000	S	S
Art/humanities/related occupations	82,000	69,000	7,000	2,000	5,000
U.S. citizen	78,000	65,000	7,000	1,000	5,000
Native born	73,000	61,000	7,000	1,000	4,000
Naturalized	4,000	4,000	S	S	S
Non-U.S. citizen	4,000	4,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	3,000	S	S	S	S
Management-related occupations	473,000	366,000	18,000	12,000	77,000
U.S. citizen	442,000	337,000	18,000	11,000	76,000
Native born	383,000	291,000	14,000	11,000	66,000
Naturalized	59,000	46,000	3,000	S	10,000
Non-U.S. citizen	31,000	30,000	S	S	S
Permanent resident	22,000	21,000	S	S	S
Temporary resident	9,000	8,000	S	S	S
Non-S&E Managers	480,000	319,000	23,000	78,000	60,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
U.S. citizen	466,000	306,000	23,000	78,000	60,000
Native born	422,000	266,000	21,000	77,000	58,000
Naturalized	44,000	39,000	2,000	S	2,000
Non-U.S. citizen	14,000	14,000	S	S	S
Permanent resident	13,000	13,000	S	S	S
Temporary resident	1,000	1,000	S	S	S
Non-S&E postsecondary teachers	57,000	S	37,000	19,000	S
U.S. citizen	53,000	S	33,000	18,000	S
Native born	50,000	S	31,000	17,000	S
Naturalized	3,000	S	2,000	2,000	S
Non-U.S. citizen	4,000	S	4,000	S	S
Permanent resident	1,000	S	1,000	S	S
Temporary resident	3,000	S	3,000	S	S
Non-S&E precollege/other teachers	350,000	12,000	S	335,000	2,000
U.S. citizen	344,000	12,000	S	329,000	2,000
Native born	324,000	10,000	S	311,000	2,000
Naturalized	19,000	S	S	18,000	S
Non-U.S. citizen	6,000	S	S	6,000	S
Permanent resident	6,000	S	S	6,000	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	313,000	305,000	4,000	S	4,000
U.S. citizen	298,000	290,000	4,000	S	4,000
Native born	258,000	251,000	4,000	S	3,000
Naturalized	39,000	38,000	S	S	S
Non-U.S. citizen	15,000	15,000	S	S	S
Permanent resident	12,000	12,000	S	S	S
Temporary resident	3,000	3,000	S	S	S
Social services/related occupations	410,000	221,000	25,000	84,000	80,000
U.S. citizen	405,000	218,000	24,000	84,000	79,000
Native born	384,000	209,000	23,000	79,000	72,000
Naturalized	22,000	9,000	S	5,000	7,000
Non-U.S. citizen	4,000	3,000	S	S	S
Permanent resident	4,000	3,000	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	456,000	273,000	36,000	29,000	118,000
U.S. citizen	431,000	255,000	31,000	29,000	116,000
Native born	379,000	220,000	30,000	28,000	102,000
Naturalized	52,000	35,000	2,000	1,000	14,000
Non-U.S. citizen	25,000	19,000	4,000	S	S
Permanent resident	19,000	15,000	3,000	S	S
Temporary resident	6,000	4,000	2,000	S	S
Doctorate degrees, all occupations	883,000	379,000	377,000	56,000	72,000
U.S. citizen	754,000	315,000	317,000	54,000	67,000
Native born	606,000	237,000	266,000	48,000	54,000
Naturalized	148,000	78,000	51,000	6,000	13,000
Non-U.S. citizen	129,000	64,000	60,000	1,000	4,000
Permanent resident	92,000	49,000	39,000	1,000	3,000
Temporary resident	38,000	15,000	21,000	*	1,000
S&E occupations	566,000	226,000	271,000	19,000	50,000
U.S. citizen	463,000	179,000	220,000	19,000	46,000
Native born	366,000	133,000	180,000	16,000	37,000
Naturalized	97,000	46,000	39,000	2,000	9,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Non-U.S. citizen	103,000	47,000	52,000	1,000	3,000
Permanent resident	70,000	35,000	33,000	*	2,000
Temporary resident	33,000	13,000	19,000	*	1,000
Scientists	467,000	166,000	241,000	19,000	41,000
U.S. citizen	387,000	134,000	197,000	18,000	38,000
Native born	317,000	105,000	166,000	16,000	31,000
Naturalized	70,000	30,000	31,000	2,000	7,000
Non-U.S. citizen	80,000	32,000	45,000	1,000	3,000
Permanent resident	56,000	24,000	29,000	*	2,000
Temporary resident	25,000	8,000	16,000	*	1,000
Biological/agricultural/other life scientists	154,000	44,000	89,000	4,000	16,000
U.S. citizen	119,000	34,000	67,000	4,000	14,000
Native born	93,000	24,000	54,000	3,000	12,000
Naturalized	27,000	10,000	13,000	1,000	3,000
Non-U.S. citizen	34,000	10,000	21,000	*	2,000
Permanent resident	24,000	8,000	14,000	*	1,000
Temporary resident	10,000	2,000	7,000	S	1,000
Agricultural/food scientists	10,000	5,000	4,000	S	2,000
U.S. citizen	9,000	4,000	3,000	S	2,000
Native born	7,000	3,000	3,000	S	2,000
Naturalized	1,000	1,000	*	S	*
Non-U.S. citizen	2,000	1,000	1,000	S	S
Permanent resident	1,000	1,000	1,000	S	S
Temporary resident	*	S	*	S	S
Biological/medical scientists	107,000	39,000	54,000	*	14,000
U.S. citizen	78,000	29,000	36,000	*	12,000
Native born	57,000	20,000	28,000	*	9,000
Naturalized	21,000	9,000	9,000	S	3,000
Non-U.S. citizen	30,000	10,000	18,000	S	2,000
Permanent resident	20,000	7,000	11,000	S	1,000
Temporary resident	10,000	2,000	7,000	S	1,000
Environmental life scientists	2,000	1,000	*	S	1,000
U.S. citizen	2,000	*	*	S	1,000
Native born	2,000	*	*	S	1,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-life/related sciences	34,000	S	30,000	4,000	S
U.S. citizen	31,000	S	28,000	3,000	S
Native born	27,000	S	24,000	3,000	S
Naturalized	4,000	S	4,000	1,000	S
Non-U.S. citizen	3,000	S	3,000	S	S
Permanent resident	2,000	S	2,000	S	S
Temporary resident	*	S	*	S	S
Computer/mathematical scientists	83,000	41,000	35,000	3,000	4,000
U.S. citizen	62,000	29,000	27,000	2,000	4,000
Native born	43,000	18,000	21,000	2,000	2,000
Naturalized	19,000	11,000	6,000	1,000	2,000
Non-U.S. citizen	21,000	12,000	8,000	*	*
Permanent resident	14,000	9,000	5,000	*	S
Temporary resident	6,000	3,000	3,000	*	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Computer/information scientists	41,000	34,000	4,000	S	3,000
U.S. citizen	29,000	24,000	3,000	S	3,000
Native born	18,000	14,000	2,000	S	1,000
Naturalized	12,000	10,000	1,000	S	1,000
Non-U.S. citizen	12,000	10,000	1,000	S	S
Permanent resident	9,000	8,000	1,000	S	S
Temporary resident	3,000	2,000	1,000	S	S
Mathematical scientists	12,000	7,000	3,000	S	2,000
U.S. citizen	9,000	5,000	2,000	S	1,000
Native born	7,000	4,000	1,000	S	1,000
Naturalized	2,000	1,000	*	S	1,000
Non-U.S. citizen	3,000	2,000	1,000	S	*
Permanent resident	2,000	1,000	*	S	S
Temporary resident	1,000	1,000	*	S	S
Postsecondary teachers-computer/mathematical sciences	30,000	S	28,000	2,000	S
U.S. citizen	24,000	S	22,000	2,000	S
Native born	19,000	S	18,000	1,000	S
Naturalized	5,000	S	5,000	1,000	S
Non-U.S. citizen	6,000	S	6,000	*	S
Permanent resident	4,000	S	4,000	S	S
Temporary resident	2,000	S	2,000	S	S
Physical/related scientists	89,000	35,000	41,000	3,000	10,000
U.S. citizen	73,000	28,000	33,000	3,000	9,000
Native born	59,000	22,000	27,000	2,000	7,000
Naturalized	14,000	6,000	5,000	*	2,000
Non-U.S. citizen	16,000	7,000	8,000	S	*
Permanent resident	10,000	6,000	5,000	S	*
Temporary resident	6,000	2,000	4,000	S	*
Chemists, except biochemists	28,000	21,000	4,000	S	3,000
U.S. citizen	21,000	16,000	2,000	S	2,000
Native born	16,000	12,000	2,000	S	2,000
Naturalized	5,000	4,000	1,000	S	*
Non-U.S. citizen	7,000	5,000	2,000	S	*
Permanent resident	5,000	4,000	1,000	S	S
Temporary resident	2,000	1,000	1,000	S	S
Earth/atmospheric/ocean scientists	11,000	4,000	3,000	S	3,000
U.S. citizen	9,000	3,000	2,000	S	3,000
Native born	8,000	3,000	2,000	S	3,000
Naturalized	1,000	*	*	S	1,000
Non-U.S. citizen	2,000	1,000	1,000	S	S
Permanent resident	1,000	*	*	S	S
Temporary resident	1,000	*	1,000	S	S
Physicists/astronomers	16,000	8,000	5,000	S	3,000
U.S. citizen	13,000	7,000	3,000	S	3,000
Native born	10,000	5,000	3,000	S	2,000
Naturalized	3,000	1,000	1,000	S	1,000
Non-U.S. citizen	3,000	1,000	2,000	S	S
Permanent resident	2,000	1,000	1,000	S	S
Temporary resident	2,000	*	1,000	S	S
Postsecondary teachers-physical/related sciences	31,000	*	28,000	3,000	S
U.S. citizen	27,000	*	25,000	3,000	S
Native born	23,000	*	21,000	2,000	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Naturalized	4,000	S	4,000	*	S
Non-U.S. citizen	4,000	S	3,000	S	S
Permanent resident	3,000	S	2,000	S	S
Temporary resident	1,000	S	1,000	S	S
Other physical/related scientists	3,000	2,000	1,000	S	1,000
U.S. citizen	3,000	2,000	*	S	1,000
Native born	2,000	1,000	*	S	*
Naturalized	1,000	*	S	S	*
Non-U.S. citizen	1,000	*	*	S	S
Permanent resident	*	S	S	S	S
Temporary resident	*	S	S	S	S
Social/related scientists	142,000	45,000	76,000	9,000	11,000
U.S. citizen	133,000	43,000	69,000	9,000	11,000
Native born	122,000	41,000	63,000	8,000	10,000
Naturalized	10,000	2,000	6,000	1,000	1,000
Non-U.S. citizen	9,000	2,000	7,000	*	*
Permanent resident	7,000	1,000	5,000	*	*
Temporary resident	2,000	1,000	2,000	S	S
Economists	8,000	4,000	2,000	S	2,000
U.S. citizen	6,000	3,000	1,000	S	2,000
Native born	5,000	2,000	1,000	S	2,000
Naturalized	1,000	*	*	S	*
Non-U.S. citizen	1,000	1,000	*	S	*
Permanent resident	1,000	*	*	S	*
Temporary resident	1,000	1,000	S	S	S
Political/related scientists	2,000	*	1,000	S	*
U.S. citizen	2,000	*	1,000	S	*
Native born	1,000	*	1,000	S	*
Naturalized	*	S	S	S	S
Non-U.S. citizen	*	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-social/related sciences	63,000	S	59,000	4,000	S
U.S. citizen	58,000	S	54,000	4,000	S
Native born	53,000	S	49,000	4,000	S
Naturalized	5,000	S	5,000	*	S
Non-U.S. citizen	5,000	S	5,000	*	S
Permanent resident	4,000	S	4,000	S	S
Temporary resident	1,000	S	1,000	S	S
Psychologists	56,000	36,000	10,000	5,000	6,000
U.S. citizen	55,000	35,000	9,000	5,000	6,000
Native born	52,000	33,000	8,000	4,000	6,000
Naturalized	3,000	1,000	1,000	*	*
Non-U.S. citizen	1,000	1,000	*	S	S
Permanent resident	1,000	1,000	*	S	S
Temporary resident	*	S	S	S	S
Sociologists/anthropologists	4,000	1,000	2,000	S	1,000
U.S. citizen	4,000	1,000	2,000	S	1,000
Native born	4,000	1,000	1,000	S	1,000
Naturalized	*	S	*	S	*
Non-U.S. citizen	*	S	*	S	S
Permanent resident	*	S	*	S	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Temporary resident	*	S	S	S	S
Other social/related scientists	8,000	4,000	3,000	*	1,000
U.S. citizen	8,000	4,000	3,000	*	1,000
Native born	7,000	3,000	2,000	S	1,000
Naturalized	1,000	1,000	*	S	S
Non-U.S. citizen	1,000	*	*	S	S
Permanent resident	*	*	S	S	S
Temporary resident	*	S	S	S	S
Engineers	99,000	60,000	30,000	1,000	8,000
U.S. citizen	76,000	44,000	23,000	1,000	8,000
Native born	49,000	28,000	15,000	*	6,000
Naturalized	27,000	16,000	8,000	*	2,000
Non-U.S. citizen	23,000	15,000	7,000	S	*
Permanent resident	14,000	10,000	4,000	S	*
Temporary resident	8,000	5,000	3,000	S	S
Aerospace/aeronautical/astronautical engineers	6,000	5,000	*	S	1,000
U.S. citizen	6,000	5,000	*	S	1,000
Native born	4,000	3,000	*	S	1,000
Naturalized	2,000	2,000	S	S	*
Non-U.S. citizen	1,000	1,000	*	S	S
Permanent resident	*	*	S	S	S
Temporary resident	*	S	S	S	S
Chemical engineers	9,000	8,000	1,000	S	*
U.S. citizen	7,000	6,000	*	S	*
Native born	4,000	4,000	*	S	*
Naturalized	3,000	3,000	S	S	S
Non-U.S. citizen	2,000	1,000	*	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	*	*	S	S	S
Civil/architectural/sanitary engineers	5,000	3,000	1,000	S	1,000
U.S. citizen	4,000	2,000	*	S	1,000
Native born	2,000	2,000	*	S	*
Naturalized	2,000	1,000	*	S	1,000
Non-U.S. citizen	1,000	1,000	*	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	*	*	S	S	S
Electrical/computer hardware engineers	24,000	19,000	3,000	S	1,000
U.S. citizen	16,000	12,000	2,000	S	1,000
Native born	10,000	7,000	1,000	S	1,000
Naturalized	6,000	5,000	1,000	S	*
Non-U.S. citizen	8,000	7,000	1,000	S	S
Permanent resident	5,000	5,000	*	S	S
Temporary resident	3,000	2,000	1,000	S	S
Industrial engineers	2,000	1,000	*	S	S
U.S. citizen	2,000	1,000	*	S	S
Native born	2,000	1,000	S	S	S
Naturalized	*	*	S	S	S
Non-U.S. citizen	*	*	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Mechanical engineers	9,000	7,000	1,000	S	1,000
U.S. citizen	6,000	5,000	1,000	S	1,000

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Native born	4,000	3,000	S	S	*
Naturalized	3,000	2,000	*	S	*
Non-U.S. citizen	3,000	2,000	1,000	S	S
Permanent resident	2,000	1,000	*	S	S
Temporary resident	1,000	1,000	*	S	S
Postsecondary teachers-engineering	21,000	S	20,000	1,000	S
U.S. citizen	18,000	S	17,000	1,000	S
Native born	11,000	S	11,000	*	S
Naturalized	6,000	S	6,000	S	S
Non-U.S. citizen	3,000	S	3,000	S	S
Permanent resident	2,000	S	2,000	S	S
Temporary resident	1,000	S	1,000	S	S
Other engineers	22,000	16,000	4,000	S	3,000
U.S. citizen	17,000	12,000	2,000	S	3,000
Native born	12,000	9,000	2,000	S	2,000
Naturalized	5,000	3,000	1,000	S	1,000
Non-U.S. citizen	5,000	3,000	1,000	S	S
Permanent resident	2,000	2,000	*	S	S
Temporary resident	2,000	1,000	1,000	S	S
S&E-related occupations	97,000	41,000	34,000	14,000	8,000
U.S. citizen	87,000	36,000	30,000	13,000	8,000
Native born	68,000	25,000	26,000	12,000	6,000
Naturalized	19,000	12,000	4,000	1,000	2,000
Non-U.S. citizen	10,000	5,000	4,000	*	1,000
Permanent resident	8,000	4,000	3,000	*	S
Temporary resident	2,000	1,000	1,000	S	S
Health-related occupations	53,000	19,000	30,000	1,000	3,000
U.S. citizen	47,000	16,000	27,000	1,000	2,000
Native born	37,000	10,000	23,000	1,000	2,000
Naturalized	10,000	6,000	4,000	S	*
Non-U.S. citizen	6,000	2,000	3,000	S	1,000
Permanent resident	5,000	2,000	3,000	S	S
Temporary resident	1,000	S	1,000	S	S
S&E managers	27,000	19,000	3,000	*	5,000
U.S. citizen	25,000	18,000	3,000	*	5,000
Native born	19,000	13,000	2,000	S	4,000
Naturalized	6,000	5,000	*	S	1,000
Non-U.S. citizen	2,000	2,000	*	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	*	*	S	S	S
S&E precollege teachers	12,000	S	S	12,000	S
U.S. citizen	12,000	S	S	12,000	S
Native born	11,000	S	S	11,000	S
Naturalized	1,000	S	S	1,000	S
Non-U.S. citizen	*	S	S	*	S
Permanent resident	*	S	S	*	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	4,000	3,000	1,000	S	*
U.S. citizen	3,000	2,000	*	S	*
Native born	1,000	1,000	*	S	S
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	1,000	1,000	*	S	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Permanent resident	1,000	1,000	S	S	S
Temporary resident	*	*	S	S	S
Other S&E-related occupations	1,000	*	S	S	S
U.S. citizen	*	*	S	S	S
Native born	*	*	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	220,000	111,000	72,000	23,000	14,000
U.S. citizen	204,000	100,000	68,000	22,000	14,000
Native born	171,000	80,000	60,000	20,000	12,000
Naturalized	32,000	20,000	8,000	2,000	2,000
Non-U.S. citizen	16,000	12,000	5,000	*	*
Permanent resident	14,000	10,000	3,000	S	*
Temporary resident	3,000	2,000	1,000	S	S
Art/humanities/related occupations	8,000	6,000	1,000	S	1,000
U.S. citizen	7,000	5,000	1,000	S	1,000
Native born	6,000	5,000	1,000	S	1,000
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	1,000	1,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	S	S	S	S	S
Management-related occupations	42,000	30,000	4,000	1,000	6,000
U.S. citizen	39,000	27,000	4,000	1,000	6,000
Native born	33,000	23,000	4,000	1,000	5,000
Naturalized	6,000	4,000	*	S	1,000
Non-U.S. citizen	4,000	3,000	*	S	S
Permanent resident	3,000	3,000	S	S	S
Temporary resident	1,000	1,000	S	S	S
Non-S&E managers	67,000	33,000	21,000	10,000	4,000
U.S. citizen	64,000	30,000	20,000	10,000	4,000
Native born	54,000	23,000	18,000	10,000	3,000
Naturalized	10,000	7,000	2,000	*	*
Non-U.S. citizen	4,000	3,000	1,000	S	S
Permanent resident	3,000	3,000	1,000	S	S
Temporary resident	*	*	S	S	S
Non-S&E postsecondary teachers	47,000	1,000	43,000	3,000	S
U.S. citizen	44,000	1,000	40,000	3,000	S
Native born	38,000	1,000	35,000	3,000	S
Naturalized	6,000	S	5,000	*	S
Non-U.S. citizen	4,000	S	3,000	S	S
Permanent resident	2,000	S	2,000	S	S
Temporary resident	1,000	S	1,000	S	S
Non-S&E precollege/other teachers	6,000	*	S	6,000	S
U.S. citizen	6,000	*	S	6,000	S
Native born	5,000	S	S	5,000	S
Naturalized	1,000	S	S	1,000	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	16,000	15,000	S	S	S

TABLE 17. Employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
U.S. citizen	13,000	13,000	S	S	S
Native born	9,000	9,000	S	S	S
Naturalized	4,000	4,000	S	S	S
Non-U.S. citizen	3,000	3,000	S	S	S
Permanent resident	3,000	2,000	S	S	S
Temporary resident	*	*	S	S	S
Social services/related occupations	14,000	11,000	*	2,000	1,000
U.S. citizen	14,000	10,000	*	2,000	1,000
Native born	12,000	10,000	*	2,000	1,000
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	*	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	20,000	15,000	2,000	1,000	2,000
U.S. citizen	18,000	14,000	2,000	1,000	2,000
Native born	14,000	10,000	2,000	*	2,000
Naturalized	4,000	3,000	*	S	1,000
Non-U.S. citizen	2,000	1,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	S	S	S	S	S

* = estimate < 500; S = 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/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, state, and local employers. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
All degree levels and occupations[a]	18,927,000	5,212,000	3,341,000	11,482,000	2,110,000	7,788,000
<30	2,366,000	835,000	445,000	1,219,000	283,000	929,000
30–39	4,764,000	1,495,000	827,000	2,850,000	640,000	1,868,000
40–49	5,345,000	1,422,000	849,000	3,404,000	670,000	2,143,000
50–59	4,773,000	1,088,000	902,000	3,006,000	420,000	2,075,000
60+	1,678,000	372,000	318,000	1,003,000	96,000	773,000
S&E occupations	5,024,000	2,856,000	455,000	2,424,000	1,535,000	1,053,000
<30	711,000	492,000	64,000	243,000	223,000	135,000
30–39	1,447,000	848,000	100,000	701,000	507,000	266,000
40–49	1,507,000	813,000	111,000	805,000	487,000	299,000
50–59	1,010,000	523,000	110,000	521,000	259,000	253,000
60+	349,000	181,000	70,000	155,000	59,000	99,000
Scientists	3,403,000	1,797,000	397,000	1,496,000	1,355,000	691,000
<30	481,000	317,000	56,000	148,000	190,000	88,000
30–39	1,029,000	563,000	89,000	458,000	454,000	179,000
40–49	1,004,000	503,000	97,000	489,000	430,000	191,000
50–59	680,000	318,000	95,000	321,000	231,000	173,000
60+	210,000	96,000	60,000	79,000	49,000	60,000
Biological/agricultural/other life scientists	487,000	359,000	74,000	204,000	16,000	100,000
<30	84,000	71,000	14,000	19,000	3,000	18,000
30–39	125,000	102,000	14,000	48,000	5,000	18,000
40–49	138,000	98,000	20,000	68,000	5,000	30,000
50–59	108,000	67,000	16,000	55,000	3,000	28,000
60+	32,000	22,000	10,000	15,000	1,000	7,000
Agricultural/food scientists	57,000	37,000	1,000	33,000	1,000	16,000
<30	8,000	5,000	S	3,000	S	3,000
30–39	9,000	7,000	S	4,000	*	2,000
40–49	19,000	13,000	1,000	12,000	S	5,000
50–59	17,000	9,000	S	11,000	S	5,000
60+	4,000	3,000	S	2,000	S	*
Biological/medical scientists	336,000	276,000	16,000	131,000	12,000	68,000
<30	64,000	58,000	5,000	13,000	3,000	13,000
30–39	98,000	86,000	4,000	37,000	4,000	14,000
40–49	95,000	73,000	5,000	44,000	4,000	20,000
50–59	62,000	47,000	1,000	28,000	1,000	17,000
60+	17,000	13,000	2,000	9,000	*	5,000
Environmental life scientists	35,000	14,000	1,000	26,000	2,000	12,000
<30	3,000	2,000	S	2,000	S	1,000
30–39	7,000	3,000	S	5,000	S	1,000
40–49	8,000	3,000	S	6,000	S	3,000
50–59	15,000	5,000	S	12,000	S	5,000
60+	2,000	1,000	S	2,000	S	1,000
Postsecondary teachers-life/related sciences	60,000	32,000	55,000	14,000	1,000	4,000
<30	10,000	7,000	9,000	1,000	S	1,000
30–39	11,000	6,000	10,000	2,000	S	1,000
40–49	16,000	9,000	15,000	5,000	S	1,000
50–59	14,000	6,000	13,000	4,000	S	1,000
60+	9,000	5,000	8,000	2,000	S	1,000
Computer/mathematical scientists	2,112,000	994,000	134,000	955,000	1,301,000	300,000
<30	269,000	154,000	18,000	91,000	178,000	35,000
30–39	706,000	348,000	35,000	321,000	441,000	94,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity: Research and development	Teaching	Management, sales, administration	Computer applications	Other
40–49	669,000	296,000	30,000	328,000	416,000	92,000
50–59	380,000	160,000	33,000	180,000	221,000	62,000
60+	89,000	35,000	18,000	34,000	45,000	17,000
Computer/information scientists	1,938,000	895,000	48,000	906,000	1,264,000	276,000
<30	244,000	138,000	7,000	85,000	173,000	31,000
30–39	659,000	317,000	15,000	309,000	429,000	89,000
40–49	628,000	274,000	11,000	312,000	408,000	86,000
50–59	341,000	140,000	12,000	169,000	214,000	56,000
60+	66,000	26,000	3,000	30,000	40,000	14,000
Mathematical scientists	85,000	61,000	4,000	32,000	29,000	14,000
<30	14,000	11,000	1,000	4,000	4,000	2,000
30–39	26,000	20,000	2,000	8,000	10,000	3,000
40–49	22,000	14,000	S	11,000	7,000	4,000
50–59	17,000	12,000	S	6,000	6,000	4,000
60+	6,000	4,000	S	2,000	3,000	1,000
Postsecondary teachers-computer/ mathematical sciences	90,000	37,000	81,000	17,000	7,000	10,000
<30	11,000	5,000	10,000	2,000	*	2,000
30–39	21,000	12,000	18,000	3,000	2,000	2,000
40–49	19,000	8,000	18,000	5,000	2,000	2,000
50–59	21,000	8,000	20,000	5,000	2,000	2,000
60+	17,000	4,000	15,000	3,000	2,000	3,000
Physical/related scientists	334,000	227,000	59,000	142,000	21,000	84,000
<30	57,000	44,000	9,000	15,000	5,000	14,000
30–39	78,000	54,000	9,000	35,000	5,000	21,000
40–49	93,000	60,000	17,000	47,000	5,000	23,000
50–59	75,000	48,000	14,000	35,000	4,000	19,000
60+	30,000	20,000	9,000	10,000	2,000	6,000
Chemists, except biochemists	134,000	95,000	4,000	63,000	3,000	39,000
<30	26,000	21,000	1,000	8,000	1,000	8,000
30–39	35,000	24,000	1,000	16,000	1,000	12,000
40–49	39,000	26,000	1,000	22,000	*	11,000
50–59	24,000	17,000	S	12,000	1,000	5,000
60+	10,000	7,000	1,000	4,000	S	2,000
Earth/atmospheric/ocean scientists	80,000	57,000	2,000	36,000	8,000	26,000
<30	9,000	8,000	*	3,000	1,000	3,000
30–39	18,000	14,000	S	9,000	3,000	5,000
40–49	24,000	16,000	1,000	12,000	2,000	7,000
50–59	24,000	16,000	*	11,000	2,000	9,000
60+	5,000	5,000	S	1,000	1,000	2,000
Physicists/astronomers	29,000	26,000	1,000	7,000	7,000	4,000
<30	7,000	7,000	*	*	3,000	*
30–39	7,000	7,000	*	2,000	1,000	1,000
40–49	6,000	5,000	*	2,000	1,000	1,000
50–59	5,000	4,000	*	2,000	1,000	1,000
60+	4,000	3,000	S	1,000	1,000	*
Postsecondary teachers-physical/ related sciences	52,000	27,000	48,000	13,000	1,000	4,000
<30	8,000	4,000	7,000	1,000	S	1,000
30–39	9,000	6,000	9,000	3,000	S	1,000
40–49	15,000	7,000	14,000	5,000	S	2,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50–59	10,000	5,000	10,000	3,000	S	1,000
60+	9,000	5,000	8,000	2,000	*	1,000
Other physical/related scientists	39,000	22,000	3,000	23,000	2,000	12,000
<30	7,000	5,000	S	3,000	1,000	2,000
30–39	9,000	5,000	S	5,000	*	3,000
40–49	10,000	6,000	S	6,000	S	2,000
50–59	12,000	6,000	S	8,000	S	4,000
60+	2,000	1,000	S	1,000	S	1,000
Social/related scientists	470,000	217,000	130,000	194,000	16,000	207,000
<30	71,000	47,000	15,000	23,000	4,000	22,000
30–39	119,000	58,000	31,000	55,000	4,000	45,000
40–49	104,000	49,000	29,000	46,000	5,000	46,000
50–59	117,000	43,000	33,000	50,000	3,000	63,000
60+	58,000	20,000	22,000	21,000	1,000	30,000
Economists	33,000	20,000	*	16,000	6,000	11,000
<30	7,000	5,000	S	3,000	1,000	2,000
30–39	7,000	5,000	S	4,000	1,000	2,000
40–49	11,000	6,000	S	5,000	4,000	5,000
50–59	6,000	4,000	S	3,000	*	2,000
60+	2,000	1,000	S	1,000	S	1,000
Political/related scientists	20,000	14,000	1,000	11,000	S	6,000
<30	8,000	7,000	S	3,000	S	2,000
30–39	5,000	3,000	S	3,000	S	2,000
40–49	3,000	3,000	S	2,000	S	S
50–59	3,000	1,000	S	2,000	S	S
60+	1,000	*	S	S	S	*
Postsecondary teachers-social/related sciences	115,000	64,000	108,000	23,000	1,000	11,000
<30	14,000	9,000	12,000	2,000	S	1,000
30–39	27,000	15,000	25,000	6,000	S	2,000
40–49	27,000	17,000	25,000	6,000	S	2,000
50–59	27,000	13,000	26,000	7,000	S	4,000
60+	20,000	10,000	19,000	4,000	S	3,000
Psychologists	177,000	56,000	18,000	63,000	2,000	143,000
<30	23,000	16,000	2,000	6,000	S	12,000
30–39	39,000	16,000	4,000	13,000	*	29,000
40–49	37,000	9,000	3,000	14,000	S	30,000
50–59	52,000	10,000	6,000	21,000	*	48,000
60+	26,000	5,000	3,000	9,000	S	24,000
Sociologists/anthropologists	21,000	17,000	1,000	9,000	1,000	3,000
<30	4,000	3,000	S	2,000	S	1,000
30–39	6,000	5,000	S	2,000	1,000	1,000
40–49	5,000	4,000	S	3,000	S	1,000
50–59	4,000	4,000	S	2,000	S	*
60+	2,000	1,000	S	1,000	S	*
Other social/related scientists	103,000	47,000	2,000	71,000	6,000	32,000
<30	14,000	9,000	S	7,000	1,000	5,000
30–39	35,000	14,000	S	27,000	2,000	9,000
40–49	22,000	10,000	*	17,000	*	7,000
50–59	24,000	12,000	S	15,000	2,000	8,000
60+	8,000	3,000	S	6,000	S	3,000
Engineers	1,621,000	1,059,000	58,000	929,000	180,000	362,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	230,000	175,000	8,000	95,000	32,000	47,000
30–39	418,000	285,000	11,000	244,000	52,000	87,000
40–49	503,000	310,000	14,000	315,000	57,000	108,000
50–59	330,000	205,000	15,000	200,000	29,000	80,000
60+	139,000	84,000	10,000	75,000	9,000	39,000
Aerospace/aeronautical/astronautical engineers	96,000	73,000	1,000	48,000	15,000	17,000
<30	12,000	11,000	*	3,000	3,000	2,000
30–39	18,000	14,000	S	8,000	2,000	4,000
40–49	32,000	23,000	S	20,000	5,000	4,000
50–59	22,000	16,000	S	11,000	4,000	4,000
60+	12,000	8,000	S	6,000	1,000	3,000
Chemical engineers	80,000	55,000	2,000	43,000	5,000	22,000
<30	13,000	11,000	S	5,000	1,000	4,000
30–39	22,000	15,000	S	13,000	1,000	5,000
40–49	23,000	15,000	S	14,000	1,000	7,000
50–59	17,000	11,000	S	9,000	1,000	4,000
60+	5,000	3,000	S	2,000	S	2,000
Civil/architectural/sanitary engineers	266,000	141,000	1,000	197,000	16,000	66,000
<30	43,000	30,000	S	25,000	3,000	8,000
30–39	72,000	40,000	S	55,000	5,000	16,000
40–49	70,000	32,000	S	57,000	4,000	15,000
50–59	54,000	27,000	S	41,000	2,000	18,000
60+	27,000	12,000	S	20,000	2,000	9,000
Electrical/computer hardware engineers	395,000	295,000	5,000	179,000	88,000	72,000
<30	52,000	41,000	1,000	15,000	15,000	11,000
30–39	105,000	80,000	S	48,000	27,000	18,000
40–49	134,000	99,000	2,000	63,000	30,000	24,000
50–59	78,000	55,000	S	41,000	13,000	14,000
60+	26,000	20,000	S	12,000	4,000	5,000
Industrial engineers	93,000	55,000	2,000	67,000	8,000	24,000
<30	14,000	9,000	*	10,000	2,000	3,000
30–39	28,000	17,000	1,000	20,000	2,000	8,000
40–49	30,000	17,000	S	22,000	2,000	8,000
50–59	16,000	9,000	S	13,000	1,000	5,000
60+	5,000	3,000	S	2,000	S	1,000
Mechanical engineers	305,000	231,000	4,000	165,000	19,000	57,000
<30	45,000	39,000	1,000	16,000	4,000	7,000
30–39	84,000	66,000	S	45,000	5,000	16,000
40–49	93,000	67,000	1,000	58,000	4,000	17,000
50–59	56,000	42,000	2,000	31,000	4,000	12,000
60+	26,000	18,000	S	15,000	1,000	5,000
Postsecondary teachers-engineering	38,000	21,000	35,000	9,000	1,000	4,000
<30	5,000	2,000	4,000	1,000	1,000	*
30–39	6,000	4,000	6,000	1,000	S	*
40–49	10,000	6,000	9,000	2,000	*	1,000
50–59	10,000	5,000	9,000	3,000	*	1,000
60+	7,000	4,000	7,000	2,000	S	1,000
Other engineers	348,000	187,000	8,000	221,000	28,000	100,000
<30	45,000	32,000	1,000	20,000	3,000	12,000
30–39	83,000	48,000	2,000	53,000	10,000	20,000
40–49	112,000	51,000	2,000	79,000	11,000	32,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50–59	77,000	40,000	2,000	51,000	3,000	24,000
60+	31,000	16,000	S	18,000	1,000	12,000
S&E-related occupations	5,246,000	1,000,000	1,550,000	2,539,000	290,000	3,452,000
<30	521,000	135,000	185,000	186,000	25,000	353,000
30–39	1,308,000	291,000	419,000	615,000	76,000	848,000
40–49	1,546,000	274,000	410,000	813,000	90,000	1,030,000
50–59	1,415,000	230,000	407,000	715,000	85,000	916,000
60+	456,000	70,000	129,000	211,000	14,000	305,000
Health-related occupations	3,625,000	448,000	905,000	1,637,000	61,000	3,125,000
<30	375,000	67,000	111,000	128,000	7,000	325,000
30–39	895,000	143,000	245,000	391,000	8,000	770,000
40–49	1,070,000	117,000	246,000	519,000	19,000	936,000
50–59	965,000	91,000	231,000	461,000	24,000	824,000
60+	319,000	30,000	73,000	139,000	4,000	270,000
S&E managers	382,000	106,000	5,000	366,000	51,000	66,000
<30	12,000	6,000	S	11,000	S	2,000
30–39	74,000	25,000	S	69,000	13,000	12,000
40–49	148,000	41,000	1,000	143,000	22,000	25,000
50–59	118,000	29,000	1,000	114,000	12,000	22,000
60+	30,000	5,000	2,000	29,000	2,000	6,000
S&E precollege teachers	644,000	134,000	629,000	245,000	21,000	56,000
<30	74,000	19,000	73,000	31,000	2,000	10,000
30–39	177,000	44,000	172,000	68,000	5,000	12,000
40–49	162,000	30,000	159,000	63,000	7,000	10,000
50–59	177,000	34,000	173,000	65,000	6,000	15,000
60+	54,000	7,000	53,000	18,000	1,000	9,000
S&E technicians/technologists	371,000	190,000	9,000	141,000	141,000	121,000
<30	50,000	37,000	1,000	10,000	12,000	15,000
30–39	92,000	46,000	S	36,000	45,000	29,000
40–49	109,000	54,000	4,000	47,000	39,000	35,000
50–59	97,000	43,000	2,000	37,000	40,000	34,000
60+	23,000	10,000	S	10,000	6,000	8,000
Other S&E-related occupations	224,000	122,000	S	150,000	16,000	85,000
<30	9,000	6,000	S	5,000	2,000	2,000
30–39	70,000	33,000	S	51,000	5,000	26,000
40–49	58,000	32,000	S	42,000	3,000	23,000
50–59	58,000	33,000	S	38,000	4,000	22,000
60+	29,000	18,000	S	15,000	S	13,000
Non-S&E occupations	8,657,000	1,356,000	1,336,000	6,518,000	285,000	3,283,000
<30	1,135,000	208,000	195,000	790,000	35,000	441,000
30–39	2,009,000	356,000	308,000	1,534,000	57,000	754,000
40–49	2,293,000	335,000	328,000	1,787,000	93,000	815,000
50–59	2,348,000	336,000	386,000	1,770,000	76,000	906,000
60+	873,000	121,000	119,000	637,000	23,000	368,000
Art/humanities/related occupations	262,000	88,000	18,000	168,000	11,000	121,000
<30	33,000	8,000	4,000	21,000	1,000	16,000
30–39	62,000	22,000	4,000	40,000	4,000	28,000
40–49	73,000	30,000	5,000	47,000	2,000	25,000
50–59	62,000	20,000	S	42,000	2,000	32,000
60+	32,000	7,000	4,000	18,000	S	20,000
Management-related occupations	1,361,000	261,000	44,000	1,234,000	68,000	371,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	174,000	42,000	5,000	158,000	8,000	40,000
30–39	343,000	72,000	11,000	314,000	19,000	81,000
40–49	388,000	60,000	11,000	359,000	23,000	100,000
50–59	345,000	66,000	14,000	309,000	14,000	105,000
60+	110,000	20,000	3,000	94,000	4,000	46,000
Non-S&E managers	1,118,000	163,000	36,000	1,079,000	43,000	220,000
<30	25,000	3,000	2,000	23,000	S	4,000
30–39	192,000	40,000	4,000	188,000	10,000	32,000
40–49	383,000	49,000	8,000	368,000	15,000	78,000
50–59	389,000	50,000	19,000	378,000	14,000	78,000
60+	130,000	20,000	4,000	123,000	3,000	29,000
Non-S&E postsecondary teachers	141,000	60,000	124,000	45,000	1,000	25,000
<30	15,000	8,000	12,000	3,000	1,000	2,000
30–39	28,000	14,000	24,000	8,000	S	4,000
40–49	32,000	12,000	30,000	15,000	S	5,000
50–59	44,000	18,000	40,000	13,000	S	10,000
60+	22,000	9,000	19,000	6,000	S	4,000
Non-S&E precollege/other teachers	724,000	123,000	682,000	274,000	14,000	112,000
<30	99,000	20,000	96,000	38,000	S	16,000
30–39	167,000	30,000	161,000	66,000	1,000	26,000
40–49	191,000	27,000	177,000	73,000	5,000	32,000
50–59	210,000	38,000	198,000	76,000	4,000	30,000
60+	56,000	8,000	51,000	21,000	4,000	8,000
Sales/marketing occupations	1,435,000	210,000	44,000	1,366,000	43,000	284,000
<30	190,000	30,000	8,000	181,000	4,000	30,000
30–39	383,000	63,000	16,000	364,000	9,000	71,000
40–49	340,000	51,000	10,000	326,000	16,000	57,000
50–59	354,000	46,000	6,000	336,000	10,000	89,000
60+	167,000	20,000	4,000	158,000	3,000	36,000
Social services/related occupations	714,000	70,000	172,000	366,000	13,000	574,000
<30	122,000	17,000	31,000	56,000	2,000	102,000
30–39	178,000	22,000	38,000	90,000	2,000	144,000
40–49	146,000	10,000	37,000	78,000	4,000	117,000
50–59	199,000	16,000	53,000	106,000	6,000	158,000
60+	68,000	5,000	13,000	36,000	S	53,000
Other non-S&E occupations	2,902,000	382,000	215,000	1,986,000	91,000	1,576,000
<30	476,000	80,000	39,000	309,000	17,000	230,000
30–39	657,000	92,000	50,000	463,000	12,000	368,000
40–49	738,000	96,000	51,000	522,000	27,000	401,000
50–59	743,000	81,000	55,000	510,000	27,000	404,000
60+	287,000	32,000	20,000	182,000	8,000	173,000
Bachelor's degrees, all occupations	10,886,000	2,894,000	1,533,000	6,933,000	1,419,000	4,146,000
<30	1,820,000	617,000	314,000	1,003,000	219,000	669,000
30–39	2,798,000	836,000	404,000	1,790,000	434,000	991,000
40–49	3,065,000	761,000	387,000	2,038,000	447,000	1,162,000
50–59	2,474,000	534,000	333,000	1,621,000	272,000	1,015,000
60+	729,000	146,000	95,000	481,000	47,000	309,000
S&E occupations	2,911,000	1,578,000	131,000	1,505,000	1,020,000	614,000
<30	531,000	358,000	44,000	193,000	167,000	104,000
30–39	865,000	471,000	27,000	457,000	343,000	168,000
40–49	868,000	427,000	24,000	499,000	323,000	176,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50–59	515,000	253,000	27,000	289,000	157,000	127,000
60+	132,000	68,000	9,000	66,000	30,000	39,000
Scientists	1,865,000	919,000	108,000	873,000	906,000	363,000
<30	356,000	229,000	38,000	116,000	145,000	66,000
30–39	600,000	302,000	24,000	288,000	311,000	104,000
40–49	541,000	234,000	20,000	284,000	285,000	103,000
50–59	312,000	131,000	19,000	160,000	140,000	75,000
60+	56,000	23,000	7,000	25,000	25,000	15,000
Biological/agricultural/other life scientists	203,000	132,000	23,000	95,000	7,000	56,000
<30	65,000	54,000	12,000	15,000	1,000	14,000
30–39	46,000	34,000	4,000	21,000	1,000	8,000
40–49	50,000	25,000	4,000	32,000	3,000	16,000
50–59	37,000	16,000	2,000	23,000	2,000	16,000
60+	5,000	2,000	S	3,000	S	2,000
Agricultural/food scientists	32,000	15,000	1,000	22,000	S	12,000
<30	6,000	4,000	S	3,000	S	3,000
30–39	4,000	2,000	S	3,000	S	1,000
40–49	12,000	5,000	S	8,000	S	4,000
50–59	9,000	3,000	S	7,000	S	3,000
60+	1,000	S	S	1,000	S	S
Biological/medical scientists	137,000	103,000	9,000	52,000	4,000	35,000
<30	49,000	43,000	4,000	11,000	1,000	9,000
30–39	37,000	31,000	2,000	16,000	S	6,000
40–49	31,000	18,000	2,000	17,000	2,000	9,000
50–59	18,000	10,000	S	8,000	S	9,000
60+	3,000	2,000	S	1,000	S	2,000
Environmental life scientists	22,000	7,000	1,000	17,000	2,000	9,000
<30	2,000	2,000	S	1,000	S	1,000
30–39	3,000	1,000	S	3,000	S	1,000
40–49	6,000	2,000	S	5,000	S	3,000
50–59	9,000	3,000	S	7,000	S	4,000
60+	1,000	S	S	1,000	S	S
Postsecondary teachers-life/related sciences	13,000	6,000	12,000	3,000	S	1,000
<30	8,000	6,000	7,000	1,000	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Computer/mathematical scientists	1,394,000	634,000	54,000	644,000	887,000	216,000
<30	208,000	115,000	11,000	74,000	138,000	30,000
30–39	486,000	232,000	14,000	226,000	308,000	73,000
40–49	434,000	180,000	12,000	218,000	280,000	63,000
50–59	226,000	91,000	12,000	109,000	137,000	41,000
60+	41,000	16,000	4,000	17,000	24,000	9,000
Computer/information scientists	1,345,000	607,000	37,000	626,000	875,000	207,000
<30	194,000	107,000	6,000	69,000	136,000	27,000
30–39	473,000	224,000	10,000	222,000	302,000	72,000
40–49	426,000	177,000	9,000	214,000	278,000	61,000
50–59	215,000	85,000	9,000	105,000	135,000	39,000
60+	38,000	14,000	2,000	16,000	24,000	9,000
Mathematical scientists	32,000	20,000	S	14,000	11,000	7,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity: Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	8,000	6,000	S	3,000	2,000	1,000
30–39	10,000	6,000	S	4,000	6,000	S
40–49	6,000	2,000	S	3,000	2,000	S
50–59	7,000	6,000	S	3,000	1,000	2,000
60+	1,000	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	17,000	7,000	15,000	4,000	2,000	2,000
<30	6,000	2,000	5,000	1,000	S	2,000
30–39	4,000	S	4,000	S	S	S
40–49	3,000	S	2,000	S	S	S
50–59	3,000	S	3,000	S	S	S
60+	2,000	S	2,000	S	S	S
Physical/related scientists	159,000	98,000	16,000	75,000	7,000	57,000
<30	43,000	32,000	7,000	13,000	3,000	12,000
30–39	38,000	24,000	1,000	20,000	1,000	14,000
40–49	41,000	21,000	4,000	23,000	2,000	17,000
50–59	32,000	18,000	3,000	17,000	1,000	12,000
60+	6,000	4,000	S	3,000	S	1,000
Chemists, except biochemists	79,000	49,000	3,000	38,000	2,000	31,000
<30	21,000	16,000	1,000	7,000	1,000	8,000
30–39	22,000	12,000	S	11,000	S	9,000
40–49	21,000	11,000	S	12,000	S	9,000
50–59	11,000	7,000	S	5,000	S	4,000
60+	5,000	3,000	S	2,000	S	1,000
Earth/atmospheric/ocean scientists	39,000	27,000	1,000	18,000	2,000	15,000
<30	7,000	5,000	*	2,000	*	2,000
30–39	9,000	7,000	S	6,000	S	3,000
40–49	11,000	6,000	S	5,000	S	5,000
50–59	11,000	7,000	S	5,000	S	4,000
60+	1,000	1,000	S	S	S	S
Physicists/astronomers	6,000	6,000	*	1,000	1,000	1,000
<30	3,000	3,000	*	S	1,000	*
30–39	1,000	1,000	S	S	S	S
40–49	1,000	S	S	S	S	S
50–59	1,000	1,000	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	9,000	4,000	9,000	2,000	S	2,000
<30	6,000	3,000	5,000	1,000	S	1,000
30–39	1,000	*	1,000	*	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other physical/related scientists	25,000	13,000	S	16,000	2,000	8,000
<30	6,000	4,000	S	3,000	*	1,000
30–39	5,000	3,000	S	3,000	S	1,000
40–49	6,000	3,000	S	4,000	S	2,000
50–59	8,000	3,000	S	6,000	S	3,000
60+	S	S	S	S	S	S
Social/related scientists	108,000	55,000	16,000	60,000	5,000	33,000
<30	40,000	28,000	8,000	14,000	2,000	10,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity: Research and development	Teaching	Management, sales, administration	Computer applications	Other
30–39	29,000	12,000	5,000	20,000	S	8,000
40–49	17,000	7,000	S	11,000	S	7,000
50–59	17,000	7,000	S	11,000	S	6,000
60+	4,000	1,000	S	3,000	S	2,000
Economists	9,000	5,000	S	5,000	1,000	2,000
<30	5,000	3,000	S	2,000	1,000	S
30–39	S	S	S	S	S	S
40–49	2,000	S	S	S	S	S
50–59	1,000	S	S	S	S	S
60+	S	S	S	S	S	S
Political/related scientists	10,000	6,000	S	5,000	S	3,000
<30	6,000	5,000	S	3,000	S	2,000
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	13,000	6,000	12,000	2,000	S	S
<30	7,000	5,000	6,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Psychologists	19,000	11,000	3,000	6,000	S	10,000
<30	10,000	7,000	1,000	3,000	S	4,000
30–39	3,000	S	S	1,000	S	2,000
40–49	4,000	S	S	S	S	2,000
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Sociologists/anthropologists	8,000	6,000	S	3,000	S	2,000
<30	3,000	2,000	S	2,000	S	S
30–39	2,000	2,000	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other social/related scientists	50,000	20,000	S	37,000	3,000	16,000
<30	9,000	5,000	S	4,000	S	3,000
30–39	18,000	6,000	S	15,000	S	4,000
40–49	9,000	4,000	S	7,000	S	3,000
50–59	12,000	4,000	S	9,000	S	5,000
60+	3,000	S	S	3,000	S	1,000
Engineers	1,046,000	659,000	23,000	631,000	114,000	252,000
<30	175,000	129,000	6,000	77,000	22,000	38,000
30–39	265,000	169,000	4,000	169,000	31,000	64,000
40–49	327,000	193,000	5,000	215,000	38,000	73,000
50–59	204,000	122,000	7,000	129,000	18,000	52,000
60+	76,000	45,000	2,000	41,000	5,000	25,000
Aerospace/aeronautical/astronautical engineers	57,000	42,000	1,000	28,000	9,000	11,000
<30	9,000	8,000	*	2,000	3,000	1,000
30–39	10,000	9,000	S	5,000	1,000	3,000
40–49	19,000	14,000	S	11,000	3,000	2,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50–59	13,000	9,000	S	7,000	2,000	3,000
60+	5,000	3,000	S	3,000	S	2,000
Chemical engineers	51,000	32,000	1,000	31,000	2,000	16,000
<30	11,000	8,000	S	4,000	1,000	4,000
30–39	15,000	10,000	S	10,000	S	4,000
40–49	15,000	8,000	S	11,000	S	5,000
50–59	8,000	4,000	S	5,000	S	3,000
60+	2,000	1,000	S	1,000	S	1,000
Civil/architectural/sanitary engineers	185,000	95,000	1,000	139,000	11,000	45,000
<30	34,000	23,000	S	21,000	2,000	7,000
30–39	50,000	26,000	S	39,000	4,000	11,000
40–49	48,000	22,000	S	39,000	3,000	10,000
50–59	37,000	18,000	S	28,000	1,000	12,000
60+	16,000	6,000	S	12,000	S	5,000
Electrical/computer hardware engineers	242,000	174,000	3,000	115,000	56,000	50,000
<30	36,000	27,000	1,000	11,000	10,000	9,000
30–39	59,000	41,000	S	33,000	15,000	14,000
40–49	87,000	62,000	1,000	42,000	20,000	17,000
50–59	47,000	34,000	S	24,000	8,000	8,000
60+	13,000	11,000	S	5,000	2,000	2,000
Industrial engineers	65,000	39,000	1,000	48,000	6,000	17,000
<30	11,000	8,000	S	8,000	1,000	2,000
30–39	20,000	13,000	S	14,000	1,000	6,000
40–49	20,000	10,000	S	16,000	2,000	5,000
50–59	12,000	6,000	S	10,000	S	4,000
60+	2,000	2,000	S	S	S	S
Mechanical engineers	211,000	158,000	3,000	118,000	11,000	43,000
<30	35,000	29,000	S	13,000	3,000	5,000
30–39	58,000	45,000	S	33,000	2,000	13,000
40–49	63,000	44,000	S	42,000	3,000	14,000
50–59	39,000	28,000	S	21,000	3,000	8,000
60+	17,000	12,000	S	9,000	1,000	4,000
Postsecondary teachers-engineering	8,000	2,000	7,000	3,000	1,000	*
<30	3,000	1,000	3,000	1,000	*	*
30–39	S	S	S	S	S	S
40–49	1,000	S	S	S	S	S
50–59	3,000	S	3,000	S	S	S
60+	1,000	S	1,000	S	S	S
Other engineers	227,000	117,000	7,000	148,000	18,000	68,000
<30	36,000	25,000	1,000	17,000	2,000	9,000
30–39	53,000	26,000	2,000	35,000	7,000	15,000
40–49	73,000	33,000	2,000	54,000	6,000	22,000
50–59	46,000	22,000	2,000	32,000	2,000	13,000
60+	19,000	10,000	S	10,000	S	9,000
S&E-related occupations	2,810,000	567,000	755,000	1,377,000	211,000	1,801,000
<30	366,000	99,000	124,000	137,000	22,000	237,000
30–39	704,000	165,000	210,000	340,000	55,000	441,000
40–49	846,000	156,000	202,000	444,000	63,000	549,000
50–59	705,000	115,000	170,000	361,000	64,000	457,000
60+	188,000	33,000	49,000	96,000	7,000	117,000
Health-related occupations	1,865,000	210,000	469,000	850,000	44,000	1,577,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	255,000	43,000	74,000	92,000	6,000	214,000
30–39	460,000	70,000	129,000	203,000	5,000	386,000
40–49	562,000	51,000	131,000	272,000	13,000	482,000
50–59	467,000	34,000	109,000	224,000	18,000	396,000
60+	121,000	10,000	27,000	58,000	S	99,000
S&E managers	199,000	52,000	4,000	191,000	30,000	33,000
<30	9,000	4,000	S	8,000	S	1,000
30–39	40,000	14,000	S	37,000	7,000	7,000
40–49	80,000	20,000	S	78,000	13,000	12,000
50–59	56,000	12,000	S	53,000	7,000	10,000
60+	15,000	3,000	S	15,000	S	3,000
S&E precollege teachers	283,000	64,000	275,000	114,000	11,000	28,000
<30	51,000	13,000	50,000	22,000	2,000	6,000
30–39	83,000	23,000	79,000	35,000	3,000	7,000
40–49	69,000	13,000	67,000	25,000	4,000	5,000
50–59	61,000	12,000	59,000	24,000	2,000	6,000
60+	20,000	3,000	20,000	7,000	S	4,000
S&E technicians/technologists	306,000	157,000	7,000	115,000	112,000	108,000
<30	44,000	33,000	1,000	9,000	10,000	14,000
30–39	73,000	36,000	S	29,000	35,000	25,000
40–49	93,000	47,000	4,000	40,000	31,000	32,000
50–59	81,000	34,000	2,000	31,000	33,000	31,000
60+	15,000	6,000	S	6,000	3,000	6,000
Other S&E-related occupations	156,000	84,000	S	107,000	14,000	55,000
<30	8,000	5,000	S	4,000	2,000	1,000
30–39	49,000	22,000	S	36,000	5,000	17,000
40–49	42,000	24,000	S	28,000	3,000	17,000
50–59	40,000	23,000	S	28,000	3,000	14,000
60+	17,000	10,000	S	11,000	S	5,000
Non-S&E occupations	5,165,000	750,000	647,000	4,051,000	188,000	1,731,000
<30	922,000	161,000	146,000	673,000	31,000	329,000
30–39	1,229,000	200,000	167,000	992,000	36,000	382,000
40–49	1,351,000	178,000	160,000	1,095,000	61,000	437,000
50–59	1,254,000	167,000	137,000	972,000	51,000	431,000
60+	409,000	45,000	37,000	319,000	10,000	153,000
Art/humanities/related occupations	165,000	50,000	13,000	115,000	6,000	69,000
<30	28,000	6,000	3,000	18,000	S	13,000
30–39	40,000	15,000	S	26,000	S	15,000
40–49	47,000	15,000	S	36,000	S	15,000
50–59	39,000	12,000	S	25,000	S	19,000
60+	13,000	S	S	9,000	S	7,000
Management-related occupations	816,000	139,000	27,000	742,000	38,000	220,000
<30	140,000	31,000	4,000	129,000	7,000	31,000
30–39	218,000	41,000	9,000	202,000	11,000	50,000
40–49	222,000	30,000	7,000	203,000	11,000	59,000
50–59	185,000	30,000	6,000	166,000	8,000	58,000
60+	50,000	8,000	S	42,000	S	22,000
Non-S&E managers	528,000	71,000	8,000	513,000	23,000	107,000
<30	19,000	3,000	S	18,000	S	3,000
30–39	108,000	24,000	S	104,000	5,000	17,000
40–49	193,000	22,000	S	187,000	9,000	44,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50–59	158,000	15,000	4,000	154,000	8,000	32,000
60+	51,000	7,000	S	49,000	S	12,000
Non-S&E postsecondary teachers	29,000	10,000	25,000	9,000	S	6,000
<30	10,000	6,000	8,000	2,000	S	1,000
30–39	4,000	S	3,000	1,000	S	S
40–49	6,000	S	5,000	4,000	S	S
50–59	7,000	2,000	7,000	2,000	S	S
60+	2,000	S	2,000	S	S	S
Non-S&E precollege/other teachers	360,000	65,000	340,000	134,000	6,000	50,000
<30	70,000	14,000	67,000	27,000	S	12,000
30–39	85,000	18,000	81,000	35,000	S	11,000
40–49	102,000	13,000	96,000	39,000	3,000	15,000
50–59	82,000	17,000	76,000	29,000	S	8,000
60+	21,000	S	19,000	4,000	S	4,000
Sales/marketing occupations	1,080,000	157,000	34,000	1,032,000	32,000	185,000
<30	177,000	27,000	7,000	169,000	4,000	28,000
30–39	290,000	45,000	16,000	274,000	7,000	46,000
40–49	256,000	40,000	6,000	246,000	14,000	40,000
50–59	253,000	34,000	2,000	241,000	6,000	52,000
60+	105,000	10,000	S	102,000	S	18,000
Social services/related occupations	271,000	26,000	61,000	155,000	8,000	199,000
<30	85,000	10,000	23,000	42,000	1,000	68,000
30–39	73,000	9,000	15,000	45,000	S	51,000
40–49	53,000	2,000	10,000	34,000	3,000	38,000
50–59	49,000	5,000	10,000	27,000	S	35,000
60+	11,000	S	3,000	7,000	S	8,000
Other non-S&E occupations	1,915,000	231,000	140,000	1,352,000	74,000	894,000
<30	392,000	63,000	33,000	268,000	16,000	172,000
30–39	412,000	48,000	38,000	304,000	9,000	190,000
40–49	474,000	55,000	29,000	346,000	20,000	224,000
50–59	481,000	53,000	31,000	328,000	22,000	225,000
60+	156,000	13,000	8,000	106,000	6,000	83,000
Master's degrees, all occupations	5,384,000	1,566,000	1,290,000	3,221,000	606,000	1,878,000
<30	417,000	184,000	106,000	174,000	60,000	155,000
30–39	1,350,000	459,000	306,000	767,000	184,000	455,000
40–49	1,510,000	433,000	322,000	964,000	196,000	482,000
50–59	1,543,000	368,000	425,000	972,000	131,000	561,000
60+	563,000	122,000	130,000	344,000	36,000	226,000
S&E occupations	1,497,000	842,000	137,000	717,000	452,000	313,000
<30	161,000	118,000	17,000	45,000	52,000	29,000
30–39	436,000	258,000	36,000	203,000	147,000	76,000
40–49	449,000	247,000	31,000	239,000	144,000	89,000
50–59	336,000	168,000	31,000	175,000	89,000	86,000
60+	116,000	51,000	23,000	56,000	20,000	33,000
Scientists	1,023,000	524,000	122,000	452,000	396,000	216,000
<30	109,000	76,000	15,000	29,000	43,000	20,000
30–39	309,000	165,000	32,000	135,000	129,000	56,000
40–49	304,000	156,000	27,000	150,000	127,000	57,000
50–59	231,000	102,000	29,000	111,000	80,000	60,000
60+	70,000	26,000	20,000	27,000	17,000	22,000
Biological/agricultural/other life scientists	113,000	82,000	14,000	47,000	4,000	22,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	14,000	12,000	2,000	3,000	1,000	4,000
30–39	33,000	27,000	3,000	11,000	1,000	4,000
40–49	31,000	24,000	5,000	14,000	S	6,000
50–59	28,000	16,000	3,000	15,000	S	6,000
60+	6,000	3,000	1,000	4,000	S	1,000
Agricultural/food scientists	15,000	12,000	S	7,000	S	2,000
<30	2,000	1,000	S	1,000	S	S
30–39	4,000	3,000	S	1,000	S	1,000
40–49	4,000	4,000	S	2,000	S	S
50–59	5,000	4,000	S	3,000	S	S
60+	S	S	S	S	S	S
Biological/medical scientists	76,000	61,000	4,000	30,000	3,000	16,000
<30	10,000	10,000	S	1,000	1,000	3,000
30–39	24,000	20,000	1,000	8,000	1,000	3,000
40–49	23,000	18,000	S	10,000	S	6,000
50–59	15,000	11,000	S	7,000	S	3,000
60+	3,000	2,000	S	3,000	S	1,000
Environmental life scientists	11,000	5,000	S	8,000	S	2,000
<30	*	S	S	*	S	S
30–39	3,000	1,000	S	2,000	S	S
40–49	1,000	S	S	S	S	S
50–59	5,000	2,000	S	4,000	S	2,000
60+	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	11,000	5,000	10,000	3,000	S	*
<30	1,000	1,000	1,000	S	S	S
30–39	3,000	2,000	3,000	S	S	S
40–49	3,000	1,000	3,000	S	S	S
50–59	3,000	S	3,000	1,000	S	S
60+	1,000	S	1,000	S	S	S
Computer/mathematical scientists	627,000	300,000	51,000	287,000	377,000	75,000
<30	57,000	37,000	5,000	17,000	39,000	5,000
30–39	197,000	99,000	14,000	91,000	124,000	19,000
40–49	205,000	98,000	10,000	102,000	122,000	26,000
50–59	133,000	56,000	13,000	64,000	76,000	18,000
60+	34,000	11,000	9,000	13,000	16,000	6,000
Computer/information scientists	546,000	260,000	11,000	263,000	360,000	64,000
<30	48,000	31,000	*	15,000	36,000	4,000
30–39	175,000	85,000	5,000	85,000	120,000	16,000
40–49	185,000	87,000	2,000	92,000	118,000	24,000
50–59	116,000	50,000	3,000	60,000	72,000	16,000
60+	22,000	8,000	S	11,000	14,000	4,000
Mathematical scientists	39,000	29,000	2,000	15,000	13,000	5,000
<30	5,000	4,000	*	1,000	2,000	1,000
30–39	13,000	11,000	S	4,000	3,000	1,000
40–49	12,000	9,000	S	7,000	3,000	S
50–59	7,000	4,000	S	2,000	3,000	S
60+	2,000	2,000	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	42,000	10,000	39,000	9,000	4,000	6,000
<30	4,000	2,000	4,000	*	S	S
30–39	10,000	3,000	8,000	2,000	1,000	2,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
40–49	8,000	2,000	8,000	3,000	1,000	1,000
50–59	10,000	2,000	9,000	3,000	1,000	1,000
60+	10,000	1,000	9,000	1,000	S	2,000
Physical/related scientists	84,000	56,000	13,000	39,000	6,000	18,000
<30	11,000	10,000	2,000	2,000	1,000	1,000
30–39	19,000	12,000	2,000	8,000	2,000	5,000
40–49	25,000	16,000	3,000	15,000	1,000	4,000
50–59	21,000	13,000	3,000	11,000	1,000	5,000
60+	9,000	5,000	2,000	3,000	S	3,000
Chemists, except biochemists	26,000	20,000	1,000	14,000	S	5,000
<30	4,000	3,000	S	S	S	1,000
30–39	6,000	4,000	S	2,000	S	2,000
40–49	9,000	6,000	S	6,000	S	1,000
50–59	6,000	4,000	S	4,000	S	1,000
60+	2,000	2,000	S	1,000	S	S
Earth/atmospheric/ocean scientists	30,000	21,000	1,000	14,000	4,000	9,000
<30	2,000	2,000	S	1,000	*	1,000
30–39	7,000	4,000	S	3,000	2,000	2,000
40–49	10,000	7,000	S	6,000	1,000	2,000
50–59	9,000	5,000	S	4,000	S	4,000
60+	2,000	2,000	S	1,000	S	S
Physicists/astronomers	7,000	5,000	*	2,000	1,000	1,000
<30	2,000	2,000	S	S	1,000	S
30–39	2,000	2,000	S	*	*	1,000
40–49	1,000	1,000	S	S	S	S
50–59	1,000	1,000	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	11,000	4,000	11,000	4,000	S	S
<30	2,000	1,000	2,000	S	S	S
30–39	2,000	1,000	2,000	1,000	S	S
40–49	2,000	S	2,000	S	S	S
50–59	3,000	S	3,000	1,000	S	S
60+	2,000	S	2,000	S	S	S
Other physical/related scientists	10,000	6,000	S	6,000	S	3,000
<30	1,000	1,000	S	S	S	S
30–39	3,000	1,000	S	2,000	S	1,000
40–49	3,000	2,000	S	2,000	S	S
50–59	2,000	2,000	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	200,000	86,000	44,000	79,000	9,000	102,000
<30	27,000	17,000	6,000	7,000	1,000	11,000
30–39	60,000	28,000	12,000	25,000	2,000	27,000
40–49	43,000	18,000	8,000	19,000	4,000	21,000
50–59	50,000	17,000	10,000	21,000	2,000	31,000
60+	21,000	6,000	8,000	7,000	S	12,000
Economists	17,000	9,000	S	8,000	4,000	7,000
<30	2,000	1,000	S	1,000	S	S
30–39	4,000	2,000	S	3,000	S	1,000
40–49	7,000	4,000	S	2,000	S	3,000
50–59	3,000	2,000	S	2,000	S	1,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
60+	1,000	S	S	S	S	S
Political/related scientists	8,000	6,000	S	4,000	S	3,000
<30	2,000	2,000	S	S	S	S
30–39	2,000	1,000	S	1,000	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	36,000	17,000	34,000	8,000	S	4,000
<30	5,000	3,000	5,000	1,000	S	1,000
30–39	11,000	6,000	9,000	3,000	S	*
40–49	7,000	3,000	6,000	2,000	S	S
50–59	7,000	2,000	7,000	2,000	S	2,000
60+	6,000	3,000	6,000	S	S	S
Psychologists	87,000	28,000	9,000	26,000	1,000	74,000
<30	12,000	7,000	1,000	2,000	S	7,000
30–39	25,000	10,000	3,000	7,000	S	19,000
40–49	16,000	4,000	1,000	5,000	S	14,000
50–59	25,000	5,000	3,000	10,000	S	24,000
60+	10,000	2,000	1,000	3,000	S	10,000
Sociologists/anthropologists	9,000	7,000	1,000	4,000	S	1,000
<30	1,000	1,000	S	S	S	S
30–39	2,000	2,000	S	1,000	S	S
40–49	2,000	2,000	S	S	S	S
50–59	3,000	2,000	S	1,000	S	S
60+	1,000	S	S	S	S	S
Other social/related scientists	43,000	19,000	S	29,000	2,000	14,000
<30	5,000	3,000	S	3,000	1,000	2,000
30–39	15,000	6,000	S	11,000	S	5,000
40–49	10,000	4,000	S	7,000	S	4,000
50–59	10,000	5,000	S	5,000	S	3,000
60+	3,000	S	S	2,000	S	S
Engineers	474,000	318,000	15,000	265,000	55,000	96,000
<30	52,000	42,000	2,000	16,000	10,000	9,000
30–39	127,000	92,000	3,000	67,000	17,000	20,000
40–49	145,000	92,000	4,000	89,000	16,000	32,000
50–59	104,000	66,000	2,000	64,000	9,000	25,000
60+	46,000	25,000	3,000	29,000	3,000	10,000
Aerospace/aeronautical/astronautical engineers	32,000	24,000	1,000	18,000	5,000	5,000
<30	3,000	3,000	S	1,000	1,000	*
30–39	6,000	5,000	S	2,000	1,000	1,000
40–49	12,000	8,000	S	8,000	1,000	2,000
50–59	7,000	6,000	S	4,000	2,000	S
60+	4,000	4,000	S	3,000	S	S
Chemical engineers	21,000	15,000	S	9,000	1,000	5,000
<30	2,000	2,000	S	1,000	S	1,000
30–39	5,000	4,000	S	3,000	S	1,000
40–49	5,000	4,000	S	2,000	S	2,000
50–59	7,000	5,000	S	3,000	S	1,000
60+	1,000	1,000	S	S	S	S
Civil/architectural/sanitary engineers	75,000	42,000	*	56,000	4,000	20,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	9,000	7,000	S	4,000	1,000	1,000
30–39	21,000	13,000	S	15,000	1,000	5,000
40–49	21,000	9,000	S	17,000	S	5,000
50–59	16,000	9,000	S	12,000	S	5,000
60+	9,000	5,000	S	7,000	1,000	3,000
Electrical/computer hardware engineers	128,000	99,000	1,000	55,000	28,000	18,000
<30	14,000	13,000	S	3,000	4,000	2,000
30–39	38,000	32,000	S	14,000	10,000	3,000
40–49	39,000	31,000	S	18,000	8,000	6,000
50–59	27,000	18,000	S	15,000	4,000	5,000
60+	9,000	5,000	S	5,000	1,000	2,000
Industrial engineers	25,000	15,000	1,000	17,000	1,000	6,000
<30	3,000	2,000	S	2,000	1,000	*
30–39	8,000	4,000	S	6,000	*	2,000
40–49	8,000	6,000	S	5,000	S	3,000
50–59	4,000	2,000	S	3,000	S	S
60+	2,000	1,000	S	2,000	S	S
Mechanical engineers	84,000	65,000	1,000	44,000	7,000	13,000
<30	10,000	9,000	S	2,000	2,000	1,000
30–39	24,000	19,000	S	12,000	3,000	3,000
40–49	26,000	20,000	S	15,000	1,000	3,000
50–59	16,000	12,000	S	9,000	1,000	4,000
60+	9,000	5,000	S	6,000	S	1,000
Postsecondary teachers-engineering	9,000	5,000	8,000	1,000	*	2,000
<30	2,000	1,000	1,000	S	S	S
30–39	2,000	S	2,000	S	S	S
40–49	3,000	2,000	2,000	S	S	S
50–59	1,000	S	1,000	S	S	S
60+	2,000	1,000	2,000	S	S	S
Other engineers	99,000	52,000	1,000	65,000	8,000	27,000
<30	8,000	6,000	S	2,000	1,000	2,000
30–39	24,000	16,000	*	16,000	2,000	4,000
40–49	32,000	13,000	S	23,000	4,000	9,000
50–59	26,000	13,000	S	17,000	1,000	9,000
60+	9,000	4,000	S	6,000	S	2,000
S&E-related occupations	1,266,000	280,000	559,000	601,000	68,000	607,000
<30	97,000	26,000	41,000	31,000	3,000	61,000
30–39	323,000	84,000	141,000	146,000	19,000	155,000
40–49	354,000	71,000	151,000	186,000	22,000	172,000
50–59	385,000	79,000	177,000	189,000	19,000	171,000
60+	107,000	20,000	49,000	48,000	4,000	49,000
Health-related occupations	646,000	105,000	220,000	266,000	10,000	513,000
<30	64,000	14,000	16,000	18,000	S	56,000
30–39	163,000	33,000	53,000	65,000	S	132,000
40–49	179,000	26,000	63,000	76,000	3,000	147,000
50–59	191,000	28,000	68,000	85,000	5,000	143,000
60+	48,000	4,000	19,000	22,000	S	34,000
S&E managers	152,000	39,000	S	146,000	19,000	27,000
<30	3,000	1,000	S	2,000	S	S
30–39	31,000	10,000	S	29,000	6,000	5,000
40–49	57,000	16,000	S	55,000	9,000	11,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50–59	52,000	12,000	S	50,000	4,000	10,000
60+	9,000	S	S	9,000	S	S
S&E precollege teachers	343,000	68,000	337,000	123,000	10,000	26,000
<30	24,000	6,000	24,000	9,000	S	4,000
30–39	90,000	20,000	88,000	29,000	2,000	5,000
40–49	88,000	15,000	88,000	37,000	S	5,000
50–59	111,000	22,000	109,000	39,000	4,000	8,000
60+	30,000	4,000	29,000	9,000	S	4,000
S&E technicians/technologists	59,000	30,000	2,000	24,000	27,000	13,000
<30	5,000	4,000	S	1,000	2,000	1,000
30–39	18,000	9,000	S	8,000	9,000	4,000
40–49	14,000	6,000	S	6,000	7,000	3,000
50–59	14,000	8,000	S	6,000	6,000	3,000
60+	8,000	3,000	S	4,000	2,000	3,000
Other S&E-related occupations	67,000	38,000	S	42,000	2,000	29,000
<30	1,000	1,000	S	S	S	S
30–39	21,000	12,000	S	15,000	S	9,000
40–49	15,000	7,000	S	13,000	S	6,000
50–59	17,000	10,000	S	9,000	S	7,000
60+	12,000	8,000	S	4,000	S	7,000
Non-S&E occupations	2,621,000	444,000	593,000	1,903,000	87,000	959,000
<30	160,000	40,000	49,000	98,000	4,000	64,000
30–39	591,000	117,000	129,000	418,000	19,000	224,000
40–49	707,000	114,000	140,000	539,000	30,000	221,000
50–59	823,000	121,000	217,000	607,000	22,000	305,000
60+	340,000	52,000	58,000	241,000	11,000	144,000
Art/humanities/related occupations	82,000	33,000	4,000	45,000	3,000	43,000
<30	5,000	2,000	S	3,000	S	3,000
30–39	19,000	7,000	S	13,000	S	12,000
40–49	24,000	14,000	S	9,000	S	9,000
50–59	19,000	7,000	S	14,000	S	9,000
60+	15,000	3,000	S	7,000	S	10,000
Management-related occupations	473,000	101,000	16,000	429,000	29,000	127,000
<30	32,000	11,000	1,000	27,000	2,000	8,000
30–39	109,000	26,000	2,000	99,000	7,000	26,000
40–49	148,000	27,000	4,000	140,000	12,000	34,000
50–59	135,000	28,000	8,000	121,000	5,000	39,000
60+	49,000	9,000	S	43,000	S	20,000
Non-S&E managers	480,000	66,000	23,000	465,000	18,000	89,000
<30	6,000	S	S	5,000	S	1,000
30–39	78,000	15,000	2,000	77,000	5,000	14,000
40–49	160,000	18,000	5,000	155,000	5,000	25,000
50–59	181,000	23,000	14,000	176,000	6,000	37,000
60+	56,000	10,000	S	52,000	S	12,000
Non-S&E postsecondary teachers	57,000	21,000	51,000	21,000	S	11,000
<30	5,000	3,000	4,000	1,000	S	1,000
30–39	14,000	6,000	13,000	4,000	S	2,000
40–49	13,000	4,000	12,000	6,000	S	2,000
50–59	19,000	7,000	17,000	8,000	S	3,000
60+	7,000	2,000	5,000	2,000	S	2,000
Non-S&E precollege/other teachers	350,000	55,000	329,000	139,000	8,000	59,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	28,000	6,000	28,000	12,000	S	3,000
30–39	79,000	11,000	77,000	31,000	S	14,000
40–49	84,000	14,000	76,000	34,000	S	15,000
50–59	124,000	20,000	117,000	46,000	3,000	22,000
60+	34,000	4,000	31,000	16,000	S	4,000
Sales/marketing occupations	313,000	46,000	9,000	296,000	9,000	83,000
<30	13,000	3,000	S	13,000	S	2,000
30–39	85,000	17,000	S	82,000	3,000	21,000
40–49	71,000	9,000	2,000	67,000	2,000	12,000
50–59	88,000	10,000	4,000	83,000	3,000	32,000
60+	55,000	7,000	S	50,000	S	16,000
Social services/related occupations	410,000	40,000	100,000	194,000	4,000	349,000
<30	37,000	6,000	8,000	14,000	S	34,000
30–39	103,000	12,000	23,000	45,000	S	90,000
40–49	86,000	7,000	25,000	40,000	S	73,000
50–59	137,000	10,000	37,000	72,000	S	113,000
60+	47,000	4,000	7,000	23,000	S	38,000
Other non-S&E occupations	456,000	83,000	61,000	315,000	14,000	199,000
<30	34,000	9,000	5,000	24,000	1,000	13,000
30–39	103,000	23,000	11,000	68,000	2,000	45,000
40–49	121,000	21,000	15,000	88,000	7,000	50,000
50–59	120,000	17,000	21,000	88,000	3,000	50,000
60+	77,000	13,000	8,000	47,000	S	42,000
Doctorate degrees, all occupations	883,000	530,000	279,000	378,000	67,000	203,000
<30	21,000	15,000	4,000	5,000	3,000	4,000
30–39	185,000	136,000	53,000	63,000	18,000	35,000
40–49	253,000	162,000	75,000	110,000	22,000	51,000
50–59	260,000	140,000	83,000	128,000	15,000	66,000
60+	165,000	78,000	64,000	71,000	9,000	47,000
S&E occupations	566,000	410,000	180,000	183,000	57,000	106,000
<30	18,000	14,000	4,000	4,000	3,000	2,000
30–39	140,000	114,000	37,000	39,000	16,000	20,000
40–49	173,000	129,000	53,000	60,000	19,000	27,000
50–59	144,000	95,000	50,000	52,000	11,000	33,000
60+	92,000	57,000	38,000	28,000	7,000	23,000
Scientists	467,000	329,000	160,000	152,000	46,000	92,000
<30	14,000	11,000	3,000	4,000	3,000	2,000
30–39	114,000	91,000	32,000	32,000	13,000	17,000
40–49	142,000	104,000	47,000	49,000	16,000	24,000
50–59	122,000	78,000	44,000	45,000	9,000	30,000
60+	74,000	43,000	33,000	22,000	5,000	19,000
Biological/agricultural/other life scientists	154,000	130,000	35,000	57,000	5,000	18,000
<30	5,000	4,000	*	1,000	1,000	*
30–39	44,000	39,000	7,000	14,000	2,000	5,000
40–49	50,000	43,000	11,000	20,000	1,000	6,000
50–59	37,000	30,000	10,000	16,000	*	4,000
60+	18,000	13,000	8,000	6,000	*	3,000
Agricultural/food scientists	10,000	9,000	*	4,000	*	2,000
<30	S	S	S	S	S	S
30–39	2,000	1,000	S	1,000	S	*
40–49	4,000	3,000	S	1,000	S	1,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity: Research and development	Teaching	Management, sales, administration	Computer applications	Other
50–59	3,000	3,000	S	2,000	S	1,000
60+	2,000	2,000	S	1,000	S	*
Biological/medical scientists	107,000	98,000	3,000	45,000	4,000	13,000
<30	4,000	4,000	S	1,000	1,000	*
30–39	36,000	33,000	1,000	12,000	2,000	4,000
40–49	35,000	32,000	1,000	16,000	1,000	4,000
50–59	24,000	22,000	1,000	12,000	*	3,000
60+	9,000	7,000	1,000	4,000	*	2,000
Environmental life scientists	2,000	1,000	S	1,000	*	*
<30	S	S	S	S	S	S
30–39	*	*	S	*	S	S
40–49	1,000	*	S	*	S	*
50–59	1,000	*	S	*	S	S
60+	*	*	S	S	S	S
Postsecondary teachers-life/related sciences	34,000	21,000	31,000	7,000	*	3,000
<30	*	*	*	S	S	S
30–39	6,000	4,000	6,000	1,000	S	1,000
40–49	11,000	8,000	10,000	2,000	S	1,000
50–59	9,000	5,000	9,000	3,000	S	1,000
60+	8,000	4,000	7,000	1,000	S	1,000
Computer/mathematical scientists	83,000	56,000	29,000	22,000	31,000	8,000
<30	3,000	2,000	1,000	1,000	1,000	S
30–39	21,000	16,000	7,000	3,000	8,000	1,000
40–49	27,000	18,000	8,000	7,000	12,000	2,000
50–59	20,000	13,000	8,000	7,000	6,000	2,000
60+	12,000	6,000	5,000	3,000	3,000	2,000
Computer/information scientists	41,000	26,000	1,000	15,000	26,000	4,000
<30	2,000	1,000	S	S	1,000	S
30–39	10,000	7,000	*	2,000	6,000	1,000
40–49	15,000	9,000	S	5,000	11,000	1,000
50–59	9,000	6,000	S	4,000	5,000	1,000
60+	5,000	3,000	*	2,000	2,000	1,000
Mathematical scientists	12,000	10,000	*	3,000	4,000	1,000
<30	1,000	*	S	S	*	S
30–39	3,000	3,000	S	1,000	1,000	*
40–49	4,000	3,000	S	1,000	1,000	*
50–59	3,000	2,000	S	1,000	1,000	*
60+	2,000	1,000	S	*	1,000	*
Postsecondary teachers-computer/ mathematical sciences	30,000	20,000	28,000	4,000	2,000	2,000
<30	1,000	1,000	1,000	S	S	S
30–39	7,000	6,000	6,000	*	*	*
40–49	8,000	6,000	8,000	1,000	*	1,000
50–59	8,000	5,000	7,000	2,000	1,000	1,000
60+	5,000	2,000	5,000	1,000	*	*
Physical/related scientists	89,000	72,000	30,000	27,000	7,000	8,000
<30	3,000	3,000	*	*	1,000	*
30–39	22,000	19,000	6,000	7,000	2,000	2,000
40–49	28,000	22,000	10,000	9,000	2,000	2,000
50–59	21,000	17,000	7,000	7,000	2,000	2,000
60+	16,000	11,000	7,000	4,000	1,000	2,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity: Research and development	Teaching	Management, sales, administration	Computer applications	Other
Chemists, except biochemists	28,000	25,000	*	11,000	1,000	3,000
<30	1,000	1,000	S	*	S	S
30–39	8,000	7,000	S	3,000	S	1,000
40–49	9,000	8,000	S	4,000	S	1,000
50–59	6,000	6,000	S	3,000	*	1,000
60+	4,000	3,000	S	1,000	S	1,000
Earth/atmospheric/ocean scientists	11,000	10,000	1,000	4,000	2,000	1,000
<30	*	*	S	S	S	S
30–39	2,000	2,000	S	1,000	1,000	*
40–49	3,000	3,000	S	1,000	1,000	*
50–59	3,000	3,000	*	1,000	1,000	*
60+	2,000	2,000	S	1,000	*	*
Physicists/astronomers	16,000	15,000	1,000	4,000	4,000	1,000
<30	1,000	1,000	S	S	1,000	S
30–39	4,000	4,000	*	1,000	1,000	*
40–49	4,000	4,000	*	1,000	1,000	*
50–59	3,000	3,000	*	1,000	1,000	*
60+	3,000	3,000	S	1,000	1,000	*
Postsecondary teachers-physical/ related sciences	31,000	19,000	29,000	7,000	1,000	2,000
<30	*	*	*	S	S	S
30–39	7,000	5,000	6,000	1,000	S	*
40–49	10,000	7,000	10,000	2,000	S	1,000
50–59	7,000	4,000	7,000	1,000	S	*
60+	7,000	4,000	6,000	1,000	*	1,000
Other physical/related scientists	3,000	3,000	S	1,000	*	1,000
<30	*	*	S	S	S	S
30–39	1,000	1,000	S	*	S	*
40–49	1,000	1,000	S	*	S	*
50–59	1,000	1,000	S	1,000	S	*
60+	*	*	S	*	S	S
Social/related scientists	142,000	71,000	66,000	46,000	3,000	58,000
<30	3,000	2,000	1,000	1,000	S	1,000
30–39	28,000	18,000	13,000	8,000	1,000	10,000
40–49	37,000	20,000	18,000	13,000	1,000	13,000
50–59	44,000	19,000	20,000	15,000	1,000	21,000
60+	28,000	12,000	14,000	9,000	*	13,000
Economists	8,000	6,000	*	3,000	1,000	2,000
<30	*	*	S	S	S	S
30–39	2,000	2,000	S	1,000	*	*
40–49	2,000	2,000	S	1,000	*	1,000
50–59	2,000	1,000	S	1,000	*	1,000
60+	1,000	1,000	S	1,000	S	*
Political/related scientists	2,000	2,000	*	1,000	S	*
<30	S	S	S	S	S	S
30–39	1,000	*	S	*	S	S
40–49	*	*	S	*	S	S
50–59	*	*	S	*	S	S
60+	*	*	S	S	S	*
Postsecondary teachers-social/ related sciences	63,000	39,000	60,000	12,000	*	7,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	1,000	1,000	1,000	S	S	S
30–39	13,000	9,000	12,000	1,000	S	2,000
40–49	18,000	12,000	17,000	3,000	S	2,000
50–59	18,000	10,000	17,000	4,000	S	2,000
60+	13,000	7,000	12,000	3,000	S	1,000
Psychologists	56,000	14,000	5,000	25,000	*	46,000
<30	2,000	1,000	S	1,000	S	1,000
30–39	10,000	4,000	1,000	4,000	*	7,000
40–49	13,000	3,000	1,000	6,000	S	10,000
50–59	20,000	3,000	2,000	8,000	S	18,000
60+	12,000	3,000	1,000	4,000	S	10,000
Sociologists/anthropologists	4,000	4,000	*	2,000	*	*
<30	S	S	S	S	S	S
30–39	1,000	1,000	S	*	S	S
40–49	1,000	1,000	S	1,000	S	S
50–59	2,000	1,000	S	1,000	S	*
60+	1,000	1,000	S	*	S	*
Other social/related scientists	8,000	6,000	*	4,000	1,000	2,000
<30	S	S	S	S	S	S
30–39	2,000	2,000	S	1,000	*	*
40–49	2,000	2,000	S	1,000	S	*
50–59	3,000	2,000	S	1,000	S	1,000
60+	1,000	1,000	S	*	S	*
Engineers	99,000	81,000	20,000	31,000	10,000	13,000
<30	3,000	3,000	1,000	*	*	*
30–39	26,000	23,000	4,000	7,000	3,000	2,000
40–49	30,000	25,000	6,000	11,000	3,000	3,000
50–59	22,000	17,000	6,000	7,000	2,000	3,000
60+	18,000	14,000	4,000	6,000	1,000	4,000
Aerospace/aeronautical/astronautical engineers	6,000	6,000	S	2,000	1,000	1,000
<30	S	S	S	S	S	S
30–39	1,000	1,000	S	*	*	S
40–49	2,000	2,000	S	1,000	*	S
50–59	2,000	1,000	S	1,000	*	*
60+	2,000	1,000	S	*	*	*
Chemical engineers	9,000	8,000	S	3,000	1,000	1,000
<30	1,000	*	S	S	S	S
30–39	2,000	2,000	S	1,000	*	*
40–49	3,000	3,000	S	1,000	*	*
50–59	2,000	2,000	S	1,000	*	*
60+	1,000	1,000	S	*	S	*
Civil/architectural/sanitary engineers	5,000	4,000	S	3,000	1,000	1,000
<30	S	S	S	S	S	S
30–39	1,000	1,000	S	*	*	*
40–49	1,000	1,000	S	1,000	*	*
50–59	1,000	1,000	S	1,000	S	*
60+	1,000	1,000	S	1,000	S	*
Electrical/computer hardware engineers	24,000	21,000	S	8,000	4,000	3,000
<30	1,000	1,000	S	S	S	S
30–39	8,000	7,000	S	2,000	1,000	1,000
40–49	7,000	6,000	S	3,000	1,000	1,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50–59	4,000	3,000	S	1,000	1,000	1,000
60+	4,000	4,000	S	2,000	*	1,000
Industrial engineers	2,000	1,000	S	1,000	S	1,000
<30	S	S	S	S	S	S
30–39	*	S	S	S	S	S
40–49	1,000	*	S	1,000	S	S
50–59	1,000	*	S	S	S	S
60+	*	*	S	S	S	S
Mechanical engineers	9,000	8,000	S	3,000	1,000	1,000
<30	*	*	S	S	S	S
30–39	3,000	3,000	S	1,000	*	*
40–49	3,000	3,000	S	1,000	*	*
50–59	2,000	2,000	S	1,000	*	S
60+	1,000	1,000	S	*	*	*
Postsecondary teachers-engineering	21,000	15,000	20,000	4,000	*	1,000
<30	1,000	*	1,000	S	S	S
30–39	5,000	4,000	4,000	1,000	S	*
40–49	6,000	4,000	5,000	1,000	*	*
50–59	6,000	4,000	5,000	1,000	S	*
60+	4,000	3,000	4,000	1,000	S	*
Other engineers	22,000	18,000	*	8,000	2,000	4,000
<30	1,000	1,000	S	*	S	S
30–39	7,000	6,000	S	2,000	1,000	1,000
40–49	6,000	5,000	S	2,000	1,000	1,000
50–59	5,000	4,000	S	2,000	*	1,000
60+	3,000	2,000	S	1,000	*	1,000
S&E-related occupations	97,000	41,000	37,000	49,000	5,000	36,000
<30	2,000	*	*	1,000	S	2,000
30–39	15,000	7,000	7,000	8,000	1,000	6,000
40–49	27,000	14,000	9,000	14,000	2,000	9,000
50–59	33,000	15,000	13,000	16,000	2,000	12,000
60+	20,000	6,000	9,000	10,000	1,000	7,000
Health-related occupations	53,000	24,000	25,000	17,000	*	29,000
<30	1,000	*	*	*	S	1,000
30–39	8,000	4,000	4,000	2,000	*	5,000
40–49	14,000	7,000	7,000	4,000	*	7,000
50–59	19,000	9,000	10,000	6,000	*	9,000
60+	11,000	4,000	5,000	4,000	S	6,000
S&E managers	27,000	14,000	*	25,000	2,000	5,000
<30	S	S	S	S	S	S
30–39	3,000	2,000	S	3,000	*	*
40–49	9,000	5,000	S	9,000	1,000	1,000
50–59	9,000	5,000	S	9,000	1,000	2,000
60+	5,000	2,000	S	4,000	*	1,000
S&E precollege teachers	12,000	1,000	11,000	5,000	S	2,000
<30	S	S	S	S	S	S
30–39	3,000	S	3,000	2,000	S	S
40–49	2,000	*	2,000	1,000	S	S
50–59	3,000	*	3,000	1,000	S	1,000
60+	4,000	S	3,000	1,000	S	*
S&E technicians/technologists	4,000	2,000	S	1,000	2,000	1,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
<30	S	S	S	S	S	S
30–39	1,000	1,000	S	*	*	*
40–49	1,000	1,000	S	*	1,000	S
50–59	1,000	1,000	S	*	1,000	S
60+	1,000	*	S	S	*	S
Other S&E-related occupations	1,000	*	S	*	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Non-S&E occupations	220,000	80,000	61,000	145,000	5,000	61,000
<30	1,000	1,000	*	*	S	*
30–39	29,000	15,000	9,000	16,000	1,000	9,000
40–49	53,000	19,000	13,000	35,000	1,000	15,000
50–59	83,000	30,000	21,000	60,000	2,000	20,000
60+	53,000	15,000	17,000	34,000	1,000	17,000
Art/humanities/related occupations	8,000	4,000	1,000	3,000	*	5,000
<30	S	S	S	S	S	S
30–39	1,000	*	S	1,000	S	1,000
40–49	1,000	1,000	S	1,000	S	1,000
50–59	3,000	1,000	S	1,000	S	1,000
60+	2,000	1,000	*	1,000	S	2,000
Management-related occupations	42,000	19,000	1,000	34,000	1,000	10,000
<30	*	*	S	*	S	*
30–39	8,000	5,000	S	5,000	*	2,000
40–49	10,000	3,000	*	9,000	*	3,000
50–59	17,000	8,000	*	14,000	*	3,000
60+	7,000	3,000	*	5,000	S	2,000
Non-S&E managers	67,000	20,000	5,000	63,000	2,000	10,000
<30	S	S	S	S	S	S
30–39	3,000	1,000	S	3,000	S	*
40–49	17,000	6,000	1,000	15,000	*	3,000
50–59	30,000	9,000	2,000	28,000	*	5,000
60+	18,000	3,000	2,000	17,000	1,000	2,000
Non-S&E postsecondary teachers	47,000	27,000	41,000	12,000	S	7,000
<30	S	S	S	S	S	S
30–39	10,000	7,000	8,000	3,000	S	1,000
40–49	11,000	7,000	10,000	2,000	S	1,000
50–59	16,000	8,000	14,000	4,000	S	3,000
60+	11,000	4,000	10,000	3,000	S	2,000
Non-S&E precollege/other teachers	6,000	2,000	6,000	1,000	S	1,000
<30	S	S	S	S	S	S
30–39	*	S	*	S	S	S
40–49	1,000	S	1,000	S	S	S
50–59	3,000	2,000	3,000	1,000	S	*
60+	1,000	S	1,000	S	S	S
Sales/marketing occupations	16,000	4,000	*	14,000	*	6,000
<30	S	S	S	S	S	S
30–39	2,000	*	S	2,000	S	*
40–49	4,000	1,000	S	4,000	S	2,000

TABLE 18. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
50–59	5,000	1,000	S	5,000	S	2,000
60+	4,000	1,000	S	4,000	S	1,000
Social services/related occupations	14,000	2,000	5,000	8,000	S	11,000
<30	S	S	S	S	S	S
30–39	1,000	*	1,000	*	S	1,000
40–49	2,000	*	*	2,000	S	2,000
50–59	5,000	1,000	2,000	3,000	S	3,000
60+	5,000	1,000	2,000	3,000	S	4,000
Other non-S&E occupations	20,000	3,000	3,000	10,000	1,000	12,000
<30	S	S	S	S	S	S
30–39	4,000	1,000	*	2,000	S	3,000
40–49	5,000	1,000	1,000	3,000	*	3,000
50–59	6,000	1,000	1,000	4,000	S	3,000
60+	5,000	1,000	2,000	2,000	S	3,000

* = estimate < 500; S = 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/occ03maj.html for a detailed description of the occupational classification. Numbers are rounded to the nearest thousand. Detail may exceed total due to multiple responses and because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
All degree levels and occupations[a]	18,927,000	2,969,000	3,011,000	3,011,000	2,428,000	2,397,000	2,056,000	1,649,000	1,406,000
Male	10,683,000	1,376,000	1,527,000	1,678,000	1,375,000	1,410,000	1,204,000	1,108,000	1,005,000
Female	8,244,000	1,593,000	1,484,000	1,332,000	1,054,000	987,000	852,000	541,000	401,000
S&E occupations	5,024,000	855,000	890,000	900,000	711,000	633,000	445,000	341,000	248,000
Male	3,714,000	582,000	613,000	667,000	531,000	485,000	339,000	280,000	217,000
Female	1,310,000	273,000	277,000	233,000	179,000	148,000	107,000	61,000	32,000
Scientists	3,403,000	582,000	633,000	633,000	493,000	422,000	294,000	211,000	135,000
Male	2,281,000	359,000	398,000	432,000	341,000	294,000	198,000	154,000	105,000
Female	1,122,000	223,000	235,000	202,000	152,000	128,000	96,000	57,000	30,000
Biological/agricultural/other life scientists	487,000	104,000	97,000	68,000	56,000	63,000	42,000	36,000	21,000
Male	274,000	48,000	44,000	40,000	33,000	39,000	27,000	26,000	17,000
Female	213,000	56,000	54,000	28,000	23,000	24,000	15,000	10,000	4,000
Agricultural/food scientists	57,000	8,000	9,000	5,000	6,000	11,000	8,000	8,000	2,000
Male	38,000	5,000	5,000	3,000	4,000	8,000	6,000	6,000	2,000
Female	18,000	4,000	4,000	1,000	1,000	3,000	2,000	2,000	S
Biological/medical scientists	336,000	79,000	75,000	51,000	39,000	38,000	24,000	16,000	13,000
Male	170,000	34,000	32,000	30,000	22,000	20,000	13,000	9,000	9,000
Female	166,000	45,000	43,000	21,000	18,000	18,000	11,000	7,000	3,000
Environmental life scientists	35,000	5,000	3,000	3,000	3,000	7,000	5,000	6,000	2,000
Male	30,000	4,000	3,000	2,000	2,000	7,000	5,000	6,000	2,000
Female	5,000	1,000	1,000	1,000	S	1,000	S	S	S
Postsecondary teachers-life/related sciences	60,000	12,000	10,000	9,000	8,000	6,000	5,000	6,000	4,000
Male	36,000	6,000	5,000	5,000	5,000	4,000	3,000	5,000	4,000
Female	24,000	6,000	5,000	4,000	3,000	2,000	1,000	1,000	*
Computer/mathematical scientists	2,112,000	305,000	389,000	442,000	347,000	273,000	173,000	116,000	67,000
Male	1,553,000	229,000	281,000	328,000	259,000	197,000	123,000	83,000	52,000
Female	560,000	75,000	108,000	115,000	88,000	76,000	50,000	33,000	15,000
Computer/information scientists	1,938,000	266,000	355,000	418,000	326,000	258,000	158,000	102,000	55,000
Male	1,444,000	208,000	260,000	313,000	246,000	190,000	113,000	71,000	43,000
Female	494,000	58,000	95,000	104,000	80,000	68,000	45,000	31,000	12,000
Mathematical scientists	85,000	19,000	17,000	11,000	11,000	8,000	7,000	6,000	4,000
Male	52,000	10,000	10,000	8,000	7,000	3,000	5,000	6,000	3,000
Female	32,000	10,000	6,000	4,000	4,000	5,000	2,000	1,000	S
Postsecondary teachers-computer/ mathematical sciences	90,000	20,000	17,000	14,000	9,000	7,000	8,000	8,000	8,000
Male	57,000	12,000	10,000	7,000	6,000	4,000	5,000	6,000	7,000
Female	33,000	8,000	7,000	6,000	4,000	2,000	3,000	2,000	1,000
Physical/related scientists	334,000	65,000	57,000	49,000	37,000	41,000	35,000	26,000	24,000
Male	239,000	40,000	37,000	32,000	27,000	33,000	26,000	23,000	21,000
Female	95,000	25,000	21,000	17,000	9,000	7,000	9,000	3,000	3,000
Chemists, except biochemists	134,000	26,000	25,000	23,000	13,000	17,000	11,000	10,000	9,000
Male	86,000	15,000	13,000	13,000	7,000	15,000	8,000	9,000	7,000
Female	47,000	11,000	12,000	10,000	6,000	2,000	3,000	2,000	2,000
Earth/atmospheric/ocean scientists	80,000	12,000	14,000	12,000	10,000	11,000	11,000	6,000	5,000
Male	64,000	8,000	11,000	9,000	9,000	9,000	8,000	6,000	4,000
Female	16,000	4,000	3,000	2,000	1,000	2,000	2,000	*	S

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Physicists/astronomers	29,000	9,000	5,000	4,000	2,000	2,000	2,000	2,000	3,000
Male	25,000	7,000	4,000	3,000	2,000	2,000	2,000	2,000	2,000
Female	4,000	2,000	1,000	1,000	S	*	*	S	S
Postsecondary teachers-physical/related scientists	52,000	11,000	9,000	6,000	6,000	6,000	4,000	4,000	6,000
Male	37,000	6,000	6,000	4,000	4,000	5,000	2,000	3,000	6,000
Female	15,000	5,000	3,000	2,000	2,000	1,000	1,000	*	*
Other physical/related scientists	39,000	7,000	6,000	5,000	6,000	4,000	8,000	4,000	1,000
Male	27,000	4,000	3,000	3,000	5,000	3,000	5,000	3,000	1,000
Female	12,000	3,000	3,000	3,000	1,000	1,000	2,000	S	S
Social/related scientists	470,000	108,000	89,000	74,000	53,000	46,000	44,000	33,000	23,000
Male	215,000	42,000	37,000	31,000	22,000	25,000	22,000	22,000	15,000
Female	255,000	67,000	52,000	42,000	31,000	21,000	22,000	11,000	8,000
Economists	33,000	6,000	7,000	6,000	4,000	3,000	2,000	3,000	1,000
Male	21,000	3,000	4,000	3,000	3,000	2,000	2,000	3,000	1,000
Female	12,000	3,000	3,000	3,000	1,000	1,000	S	S	S
Political/related scientists	20,000	6,000	6,000	4,000	S	2,000	1,000	1,000	1,000
Male	9,000	2,000	2,000	2,000	S	1,000	1,000	1,000	*
Female	11,000	4,000	4,000	2,000	S	S	S	S	S
Postsecondary teachers-social/related sciences	115,000	29,000	22,000	15,000	14,000	9,000	10,000	9,000	6,000
Male	62,000	13,000	10,000	7,000	7,000	6,000	7,000	6,000	5,000
Female	54,000	17,000	12,000	8,000	8,000	3,000	3,000	2,000	1,000
Psychologists	177,000	38,000	29,000	27,000	23,000	21,000	19,000	13,000	7,000
Male	59,000	12,000	8,000	6,000	6,000	8,000	9,000	6,000	4,000
Female	118,000	26,000	22,000	21,000	17,000	12,000	10,000	7,000	3,000
Sociologists/anthropologists	21,000	8,000	5,000	1,000	2,000	2,000	1,000	1,000	1,000
Male	11,000	4,000	3,000	*	2,000	1,000	*	1,000	*
Female	10,000	4,000	2,000	1,000	*	1,000	1,000	S	S
Other social/related scientists	103,000	21,000	20,000	20,000	9,000	10,000	10,000	7,000	7,000
Male	53,000	8,000	10,000	12,000	4,000	6,000	3,000	5,000	4,000
Female	51,000	13,000	10,000	7,000	5,000	4,000	7,000	2,000	3,000
Engineers	1,621,000	273,000	257,000	267,000	218,000	211,000	152,000	130,000	113,000
Male	1,433,000	223,000	215,000	236,000	190,000	191,000	141,000	126,000	112,000
Female	187,000	50,000	42,000	31,000	28,000	20,000	11,000	4,000	2,000
Aerospace/aeronautical/astronautical engineers	96,000	16,000	11,000	14,000	16,000	14,000	9,000	7,000	9,000
Male	88,000	13,000	10,000	13,000	14,000	14,000	9,000	7,000	9,000
Female	8,000	2,000	1,000	2,000	2,000	1,000	1,000	S	S
Chemical engineers	80,000	14,000	10,000	15,000	12,000	9,000	8,000	7,000	5,000
Male	62,000	10,000	7,000	11,000	8,000	8,000	7,000	7,000	4,000
Female	18,000	4,000	3,000	4,000	4,000	2,000	1,000	S	S
Civil/architectural/sanitary engineers	266,000	42,000	46,000	47,000	26,000	32,000	24,000	24,000	25,000
Male	229,000	33,000	37,000	39,000	23,000	27,000	21,000	23,000	25,000
Female	38,000	9,000	9,000	7,000	4,000	4,000	3,000	S	S
Electrical/computer hardware engineers	395,000	66,000	64,000	66,000	58,000	59,000	35,000	27,000	20,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Male	361,000	58,000	56,000	60,000	52,000	54,000	34,000	26,000	20,000
Female	34,000	8,000	8,000	5,000	6,000	4,000	1,000	1,000	S
Industrial engineers	93,000	17,000	17,000	17,000	14,000	10,000	8,000	7,000	4,000
Male	81,000	13,000	15,000	15,000	12,000	8,000	7,000	6,000	4,000
Female	12,000	4,000	2,000	2,000	1,000	2,000	S	S	S
Mechanical engineers	305,000	56,000	49,000	50,000	44,000	36,000	27,000	22,000	22,000
Male	284,000	50,000	44,000	47,000	41,000	34,000	26,000	21,000	22,000
Female	21,000	6,000	5,000	3,000	3,000	2,000	2,000	S	S
Postsecondary teachers-engineering	38,000	8,000	5,000	6,000	4,000	4,000	3,000	3,000	4,000
Male	33,000	6,000	4,000	5,000	3,000	4,000	3,000	3,000	4,000
Female	5,000	2,000	1,000	1,000	*	*	S	S	S
Other engineers	348,000	54,000	55,000	53,000	45,000	47,000	37,000	33,000	24,000
Male	296,000	39,000	43,000	45,000	37,000	42,000	34,000	32,000	24,000
Female	52,000	15,000	12,000	9,000	8,000	5,000	3,000	S	S
S&E-related occupations	5,246,000	761,000	868,000	831,000	682,000	692,000	614,000	427,000	371,000
Male	2,260,000	242,000	311,000	338,000	295,000	319,000	286,000	233,000	236,000
Female	2,986,000	519,000	557,000	493,000	387,000	372,000	328,000	194,000	136,000
Health-related occupations	3,625,000	551,000	607,000	561,000	456,000	480,000	435,000	279,000	257,000
Male	1,250,000	130,000	162,000	168,000	149,000	182,000	171,000	133,000	155,000
Female	2,376,000	421,000	445,000	393,000	307,000	297,000	264,000	146,000	101,000
S&E managers	382,000	28,000	52,000	61,000	66,000	66,000	51,000	32,000	26,000
Male	268,000	16,000	34,000	40,000	48,000	48,000	39,000	25,000	19,000
Female	114,000	13,000	18,000	21,000	18,000	18,000	13,000	7,000	7,000
S&E precollege teachers	644,000	124,000	124,000	106,000	74,000	59,000	60,000	58,000	39,000
Male	303,000	62,000	60,000	54,000	27,000	25,000	26,000	28,000	21,000
Female	341,000	62,000	64,000	52,000	47,000	34,000	34,000	30,000	18,000
S&E technicians/technologists	371,000	52,000	56,000	53,000	54,000	59,000	40,000	35,000	22,000
Male	267,000	30,000	39,000	38,000	45,000	44,000	31,000	26,000	15,000
Female	104,000	22,000	18,000	15,000	9,000	15,000	9,000	9,000	7,000
Other S&E-related occupations	224,000	6,000	30,000	50,000	31,000	28,000	27,000	24,000	28,000
Male	171,000	5,000	16,000	38,000	26,000	20,000	19,000	22,000	26,000
Female	52,000	2,000	13,000	11,000	6,000	8,000	8,000	2,000	3,000
Non-S&E occupations	8,657,000	1,353,000	1,253,000	1,279,000	1,036,000	1,072,000	997,000	881,000	786,000
Male	4,709,000	553,000	603,000	673,000	548,000	606,000	580,000	595,000	552,000
Female	3,948,000	800,000	650,000	606,000	487,000	467,000	418,000	287,000	234,000
Art/humanities/related occupations	262,000	36,000	35,000	39,000	35,000	28,000	31,000	31,000	27,000
Male	125,000	13,000	18,000	17,000	14,000	13,000	17,000	14,000	18,000
Female	138,000	23,000	17,000	22,000	21,000	15,000	14,000	17,000	9,000
Management-related occupations	1,361,000	207,000	217,000	218,000	169,000	168,000	149,000	124,000	108,000
Male	768,000	102,000	114,000	106,000	95,000	98,000	92,000	79,000	80,000
Female	592,000	105,000	103,000	111,000	74,000	70,000	56,000	45,000	28,000
Non-S&E managers	1,118,000	66,000	109,000	156,000	181,000	191,000	159,000	139,000	118,000
Male	845,000	42,000	70,000	109,000	137,000	140,000	124,000	120,000	104,000
Female	273,000	24,000	40,000	47,000	44,000	51,000	35,000	19,000	14,000
Non-S&E postsecondary teachers	141,000	36,000	28,000	14,000	13,000	13,000	15,000	14,000	8,000
Male	74,000	16,000	18,000	7,000	5,000	7,000	9,000	8,000	5,000
Female	67,000	20,000	11,000	7,000	7,000	6,000	7,000	6,000	3,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E precollege/other teachers	724,000	160,000	106,000	103,000	92,000	86,000	85,000	50,000	43,000
Male	154,000	39,000	25,000	24,000	11,000	11,000	21,000	13,000	10,000
Female	570,000	121,000	81,000	78,000	81,000	75,000	64,000	36,000	33,000
Sales/marketing occupations	1,435,000	178,000	207,000	229,000	138,000	175,000	146,000	179,000	183,000
Male	923,000	89,000	120,000	135,000	81,000	129,000	92,000	137,000	140,000
Female	513,000	89,000	86,000	94,000	57,000	47,000	54,000	41,000	43,000
Social services/related occupations	714,000	163,000	152,000	120,000	84,000	68,000	57,000	45,000	25,000
Male	222,000	40,000	38,000	37,000	29,000	24,000	23,000	19,000	13,000
Female	492,000	124,000	114,000	83,000	54,000	44,000	35,000	26,000	12,000
Other non-S&E occupations	2,902,000	507,000	398,000	399,000	324,000	343,000	355,000	300,000	274,000
Male	1,599,000	212,000	200,000	237,000	176,000	185,000	203,000	203,000	183,000
Female	1,303,000	295,000	198,000	163,000	148,000	158,000	153,000	97,000	92,000
Bachelor's degrees, all occupations	10,886,000	1,571,000	1,588,000	1,734,000	1,405,000	1,417,000	1,221,000	1,040,000	909,000
Male	6,007,000	710,000	798,000	984,000	787,000	810,000	672,000	648,000	599,000
Female	4,878,000	861,000	791,000	750,000	618,000	607,000	549,000	392,000	310,000
S&E occupations	2,911,000	431,000	490,000	536,000	424,000	401,000	276,000	201,000	153,000
Male	2,221,000	306,000	354,000	416,000	326,000	313,000	208,000	165,000	133,000
Female	690,000	125,000	136,000	120,000	97,000	88,000	69,000	36,000	20,000
Scientists	1,865,000	285,000	340,000	361,000	277,000	251,000	168,000	111,000	72,000
Male	1,292,000	190,000	228,000	260,000	198,000	178,000	107,000	78,000	53,000
Female	572,000	95,000	112,000	102,000	78,000	73,000	61,000	32,000	19,000
Biological/agricultural/other life scientists	203,000	45,000	46,000	21,000	20,000	26,000	19,000	17,000	9,000
Male	100,000	20,000	17,000	13,000	8,000	15,000	9,000	12,000	7,000
Female	103,000	25,000	28,000	9,000	12,000	12,000	9,000	6,000	2,000
Agricultural/food scientists	32,000	4,000	4,000	2,000	2,000	6,000	6,000	5,000	2,000
Male	20,000	2,000	2,000	1,000	2,000	4,000	3,000	4,000	2,000
Female	12,000	2,000	3,000	S	S	3,000	2,000	S	S
Biological/medical scientists	137,000	32,000	38,000	17,000	14,000	13,000	10,000	8,000	5,000
Male	56,000	13,000	13,000	10,000	5,000	5,000	3,000	3,000	4,000
Female	81,000	20,000	24,000	7,000	10,000	8,000	7,000	4,000	2,000
Environmental life scientists	22,000	3,000	1,000	2,000	2,000	5,000	3,000	4,000	1,000
Male	19,000	2,000	1,000	1,000	1,000	5,000	3,000	4,000	1,000
Female	3,000	*	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	13,000	6,000	2,000	S	S	S	S	S	S
Male	5,000	2,000	S	S	S	S	S	S	S
Female	7,000	4,000	S	S	S	S	S	S	S
Computer/mathematical scientists	1,394,000	173,000	243,000	297,000	233,000	199,000	123,000	77,000	50,000
Male	1,038,000	137,000	182,000	224,000	176,000	144,000	83,000	53,000	38,000
Female	357,000	36,000	61,000	73,000	57,000	55,000	39,000	24,000	12,000
Computer/information scientists	1,345,000	161,000	231,000	293,000	228,000	196,000	118,000	73,000	46,000
Male	1,008,000	130,000	173,000	222,000	173,000	143,000	81,000	50,000	36,000
Female	338,000	31,000	57,000	71,000	55,000	53,000	37,000	23,000	10,000
Mathematical scientists	32,000	7,000	7,000	3,000	4,000	3,000	3,000	2,000	3,000
Male	20,000	4,000	5,000	S	3,000	1,000	2,000	2,000	S
Female	13,000	3,000	2,000	S	S	1,000	1,000	S	S

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Postsecondary teachers-computer/ mathematical sciences	17,000	5,000	5,000	2,000	S	S	1,000	2,000	S
Male	11,000	3,000	S	1,000	S	S	S	S	S
Female	6,000	2,000	1,000	S	S	S	S	S	S
Physical/related scientists	159,000	33,000	28,000	25,000	14,000	20,000	18,000	11,000	9,000
Male	106,000	20,000	17,000	15,000	10,000	16,000	12,000	10,000	6,000
Female	53,000	14,000	11,000	10,000	4,000	4,000	7,000	1,000	2,000
Chemists, except biochemists	79,000	15,000	16,000	13,000	7,000	11,000	6,000	5,000	6,000
Male	48,000	8,000	8,000	7,000	4,000	10,000	4,000	4,000	4,000
Female	31,000	7,000	8,000	6,000	3,000	2,000	2,000	1,000	2,000
Earth/atmospheric/ocean scientists	39,000	6,000	7,000	7,000	5,000	5,000	5,000	3,000	2,000
Male	31,000	4,000	5,000	6,000	4,000	3,000	4,000	3,000	1,000
Female	8,000	2,000	1,000	S	S	2,000	1,000	S	S
Physicists/astronomers	6,000	3,000	1,000	S	S	S	S	S	S
Male	5,000	2,000	1,000	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	9,000	6,000	1,000	S	S	S	S	S	S
Male	5,000	3,000	1,000	S	S	S	S	S	S
Female	4,000	3,000	S	S	S	S	S	S	S
Other physical/related scientists	25,000	4,000	4,000	4,000	2,000	2,000	6,000	S	S
Male	17,000	3,000	2,000	S	2,000	2,000	4,000	S	S
Female	8,000	2,000	2,000	2,000	S	S	2,000	S	S
Social/related scientists	108,000	33,000	23,000	17,000	9,000	6,000	8,000	5,000	5,000
Male	48,000	13,000	12,000	8,000	3,000	3,000	3,000	4,000	2,000
Female	60,000	20,000	12,000	9,000	6,000	3,000	6,000	S	3,000
Economists	9,000	3,000	2,000	S	1,000	S	S	S	S
Male	5,000	1,000	S	S	S	S	S	S	S
Female	4,000	2,000	S	S	S	S	S	S	S
Political/related scientists	10,000	3,000	4,000	S	S	S	S	S	S
Male	3,000	S	S	S	S	S	S	S	S
Female	7,000	2,000	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	13,000	6,000	3,000	S	S	S	S	S	S
Male	4,000	3,000	S	S	S	S	S	S	S
Female	9,000	3,000	S	S	S	S	S	S	S
Psychologists	19,000	8,000	4,000	S	2,000	S	S	S	S
Male	5,000	2,000	S	S	S	S	S	S	S
Female	14,000	6,000	2,000	S	2,000	S	S	S	S
Sociologists/anthropologists	8,000	5,000	S	S	S	S	S	S	S
Male	5,000	3,000	S	S	S	S	S	S	S
Female	3,000	2,000	S	S	S	S	S	S	S
Other social/related scientists	50,000	8,000	8,000	12,000	4,000	5,000	6,000	3,000	4,000
Male	27,000	3,000	5,000	8,000	2,000	2,000	2,000	2,000	1,000
Female	24,000	5,000	4,000	4,000	1,000	3,000	5,000	S	S
Engineers	1,046,000	146,000	149,000	175,000	147,000	150,000	108,000	90,000	80,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Male	928,000	116,000	126,000	157,000	128,000	135,000	101,000	87,000	80,000
Female	118,000	30,000	24,000	19,000	19,000	15,000	8,000	3,000	1,000
Aerospace/aeronautical/astronautical engineers	57,000	8,000	5,000	8,000	9,000	10,000	6,000	5,000	6,000
Male	52,000	6,000	5,000	7,000	8,000	9,000	6,000	5,000	6,000
Female	5,000	2,000	1,000	S	1,000	S	S	S	S
Chemical engineers	51,000	8,000	7,000	10,000	7,000	7,000	5,000	4,000	3,000
Male	37,000	5,000	5,000	7,000	4,000	6,000	4,000	4,000	3,000
Female	14,000	3,000	2,000	3,000	3,000	1,000	1,000	S	S
Civil/architectural/sanitary engineers	185,000	27,000	31,000	32,000	18,000	23,000	17,000	18,000	18,000
Male	161,000	22,000	25,000	27,000	16,000	21,000	15,000	17,000	18,000
Female	25,000	5,000	6,000	5,000	3,000	3,000	2,000	S	S
Electrical/computer hardware engineers	242,000	32,000	34,000	41,000	39,000	40,000	24,000	18,000	14,000
Male	224,000	28,000	30,000	38,000	35,000	36,000	24,000	18,000	14,000
Female	18,000	4,000	3,000	2,000	3,000	4,000	S	S	S
Industrial engineers	65,000	9,000	11,000	14,000	10,000	8,000	7,000	4,000	3,000
Male	57,000	6,000	10,000	12,000	9,000	7,000	6,000	4,000	3,000
Female	8,000	3,000	1,000	1,000	1,000	2,000	S	S	S
Mechanical engineers	211,000	30,000	30,000	35,000	32,000	28,000	22,000	16,000	17,000
Male	197,000	27,000	26,000	34,000	30,000	27,000	21,000	15,000	17,000
Female	14,000	3,000	3,000	2,000	3,000	1,000	1,000	S	S
Postsecondary teachers-engineering	8,000	3,000	S	S	S	S	S	S	1,000
Male	7,000	2,000	S	S	S	S	S	S	1,000
Female	1,000	1,000	S	S	S	S	S	S	S
Other engineers	227,000	28,000	32,000	35,000	31,000	33,000	27,000	24,000	17,000
Male	194,000	19,000	25,000	30,000	26,000	29,000	24,000	23,000	17,000
Female	33,000	9,000	7,000	5,000	5,000	3,000	3,000	S	S
S&E-related occupations	2,810,000	361,000	433,000	454,000	378,000	380,000	343,000	255,000	206,000
Male	980,000	91,000	128,000	162,000	139,000	135,000	124,000	106,000	95,000
Female	1,830,000	270,000	305,000	292,000	239,000	245,000	219,000	149,000	111,000
Health-related occupations	1,865,000	275,000	302,000	307,000	230,000	245,000	232,000	156,000	118,000
Male	371,000	46,000	50,000	64,000	37,000	46,000	52,000	40,000	36,000
Female	1,494,000	229,000	252,000	243,000	192,000	199,000	179,000	116,000	82,000
S&E managers	199,000	7,000	20,000	25,000	39,000	40,000	29,000	21,000	19,000
Male	144,000	4,000	14,000	17,000	29,000	28,000	22,000	16,000	13,000
Female	55,000	3,000	6,000	8,000	9,000	11,000	7,000	4,000	6,000
S&E precollege teachers	283,000	38,000	51,000	44,000	40,000	24,000	30,000	30,000	28,000
Male	122,000	19,000	23,000	23,000	14,000	8,000	13,000	10,000	12,000
Female	161,000	19,000	27,000	20,000	26,000	16,000	18,000	20,000	15,000
S&E technicians/technologists	306,000	37,000	44,000	44,000	46,000	52,000	32,000	30,000	20,000
Male	222,000	21,000	31,000	31,000	39,000	38,000	24,000	23,000	15,000
Female	85,000	17,000	13,000	13,000	7,000	14,000	8,000	7,000	5,000
Other S&E-related occupations	156,000	3,000	17,000	34,000	24,000	20,000	19,000	18,000	21,000
Male	121,000	2,000	10,000	27,000	19,000	14,000	13,000	17,000	19,000
Female	35,000	1,000	7,000	7,000	5,000	5,000	6,000	S	S
Non-S&E occupations	5,165,000	779,000	665,000	744,000	603,000	635,000	602,000	585,000	551,000
Male	2,807,000	313,000	316,000	406,000	322,000	361,000	340,000	377,000	371,000
Female	2,358,000	466,000	350,000	338,000	281,000	274,000	262,000	208,000	179,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Art/humanities/related occupations	165,000	18,000	22,000	24,000	24,000	20,000	19,000	22,000	15,000
Male	77,000	7,000	12,000	11,000	10,000	9,000	10,000	9,000	9,000
Female	89,000	11,000	11,000	13,000	14,000	12,000	9,000	13,000	6,000
Management-related occupations	816,000	110,000	119,000	136,000	101,000	94,000	98,000	88,000	69,000
Male	445,000	54,000	59,000	66,000	54,000	52,000	59,000	53,000	48,000
Female	371,000	56,000	60,000	70,000	47,000	42,000	39,000	35,000	21,000
Non-S&E managers	528,000	19,000	24,000	69,000	86,000	104,000	75,000	76,000	76,000
Male	410,000	12,000	17,000	48,000	67,000	77,000	60,000	64,000	65,000
Female	118,000	8,000	7,000	22,000	19,000	26,000	14,000	12,000	11,000
Non-S&E postsecondary teachers	29,000	9,000	5,000	S	3,000	S	5,000	S	2,000
Male	11,000	3,000	3,000	S	S	S	S	S	S
Female	17,000	5,000	2,000	S	S	S	4,000	S	S
Non-S&E precollege/other teachers	360,000	66,000	43,000	46,000	54,000	50,000	43,000	29,000	29,000
Male	67,000	13,000	12,000	13,000	4,000	5,000	9,000	5,000	5,000
Female	292,000	53,000	31,000	32,000	50,000	44,000	34,000	24,000	24,000
Sales/marketing occupations	1,080,000	131,000	148,000	169,000	109,000	132,000	106,000	140,000	146,000
Male	690,000	62,000	83,000	100,000	67,000	97,000	66,000	104,000	109,000
Female	391,000	69,000	64,000	69,000	42,000	34,000	40,000	36,000	37,000
Social services/related occupations	271,000	79,000	56,000	43,000	21,000	24,000	21,000	19,000	8,000
Male	84,000	21,000	13,000	14,000	8,000	9,000	7,000	7,000	5,000
Female	187,000	58,000	43,000	28,000	13,000	15,000	14,000	12,000	3,000
Other non-S&E occupations	1,915,000	347,000	248,000	256,000	204,000	210,000	236,000	208,000	206,000
Male	1,024,000	141,000	117,000	154,000	111,000	110,000	128,000	132,000	130,000
Female	892,000	206,000	131,000	102,000	94,000	100,000	107,000	76,000	76,000
Master's degrees, all occupations	5,384,000	1,073,000	1,019,000	885,000	678,000	600,000	505,000	372,000	252,000
Male	2,878,000	501,000	494,000	456,000	363,000	338,000	288,000	253,000	185,000
Female	2,506,000	572,000	525,000	429,000	315,000	262,000	217,000	119,000	66,000
S&E occupations	1,497,000	323,000	286,000	260,000	206,000	161,000	112,000	93,000	55,000
Male	1,061,000	216,000	187,000	183,000	149,000	119,000	86,000	74,000	47,000
Female	437,000	108,000	99,000	78,000	58,000	43,000	26,000	19,000	8,000
Scientists	1,023,000	214,000	198,000	186,000	148,000	110,000	76,000	61,000	30,000
Male	647,000	125,000	116,000	118,000	98,000	71,000	53,000	43,000	23,000
Female	377,000	90,000	82,000	68,000	50,000	39,000	23,000	18,000	7,000
Biological/agricultural/other life scientists	113,000	30,000	22,000	15,000	13,000	15,000	9,000	7,000	3,000
Male	60,000	13,000	9,000	8,000	9,000	8,000	7,000	5,000	2,000
Female	53,000	17,000	13,000	7,000	4,000	6,000	2,000	2,000	1,000
Agricultural/food scientists	15,000	3,000	3,000	S	2,000	3,000	S	1,000	S
Male	10,000	2,000	2,000	S	S	3,000	S	S	S
Female	4,000	1,000	1,000	S	S	S	S	S	S
Biological/medical scientists	76,000	22,000	15,000	11,000	9,000	9,000	5,000	3,000	1,000
Male	34,000	8,000	5,000	6,000	6,000	3,000	3,000	2,000	S
Female	42,000	14,000	10,000	5,000	3,000	6,000	2,000	2,000	S
Environmental life scientists	11,000	2,000	2,000	S	S	2,000	S	S	S
Male	10,000	1,000	2,000	S	S	2,000	S	S	S
Female	1,000	*	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	11,000	3,000	2,000	2,000	1,000	S	1,000	S	1,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Male	5,000	2,000	S	S	1,000	S	S	S	S
Female	6,000	1,000	2,000	S	S	S	S	S	S
Computer/mathematical scientists	627,000	118,000	128,000	129,000	102,000	65,000	42,000	31,000	13,000
Male	443,000	83,000	85,000	91,000	73,000	45,000	33,000	24,000	10,000
Female	184,000	35,000	43,000	38,000	28,000	20,000	9,000	7,000	3,000
Computer/information scientists	546,000	100,000	115,000	115,000	92,000	57,000	35,000	25,000	8,000
Male	397,000	73,000	79,000	83,000	69,000	42,000	28,000	18,000	6,000
Female	149,000	27,000	36,000	32,000	23,000	15,000	7,000	7,000	2,000
Mathematical scientists	39,000	10,000	7,000	7,000	5,000	4,000	3,000	3,000	S
Male	23,000	4,000	4,000	5,000	3,000	1,000	S	3,000	S
Female	16,000	6,000	3,000	2,000	2,000	3,000	S	S	S
Postsecondary teachers-computer/ mathematical sciences	42,000	9,000	6,000	8,000	5,000	3,000	4,000	4,000	4,000
Male	23,000	6,000	3,000	3,000	2,000	1,000	2,000	3,000	3,000
Female	19,000	3,000	4,000	5,000	3,000	2,000	2,000	S	1,000
Physical/related scientists	84,000	18,000	13,000	10,000	12,000	10,000	8,000	8,000	6,000
Male	57,000	10,000	7,000	6,000	8,000	8,000	6,000	6,000	5,000
Female	27,000	7,000	6,000	4,000	4,000	2,000	2,000	1,000	S
Chemists, except biochemists	26,000	6,000	4,000	5,000	3,000	3,000	2,000	3,000	1,000
Male	15,000	3,000	2,000	2,000	1,000	2,000	2,000	3,000	1,000
Female	11,000	3,000	2,000	3,000	2,000	S	S	S	S
Earth/atmospheric/ocean scientists	30,000	4,000	5,000	3,000	4,000	4,000	4,000	2,000	2,000
Male	24,000	3,000	4,000	3,000	3,000	4,000	3,000	2,000	2,000
Female	6,000	1,000	1,000	S	S	S	S	S	S
Physicists/astronomers	7,000	3,000	1,000	1,000	S	S	S	S	S
Male	5,000	3,000	1,000	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	11,000	2,000	2,000	S	2,000	2,000	S	1,000	2,000
Male	6,000	2,000	1,000	S	S	S	S	S	2,000
Female	5,000	1,000	1,000	S	1,000	S	S	S	S
Other physical/related scientists	10,000	2,000	1,000	1,000	3,000	1,000	S	S	S
Male	7,000	1,000	S	S	3,000	S	S	S	S
Female	3,000	1,000	1,000	S	S	S	S	S	S
Social/related scientists	200,000	49,000	36,000	32,000	21,000	21,000	17,000	16,000	9,000
Male	86,000	19,000	15,000	13,000	8,000	10,000	8,000	8,000	6,000
Female	113,000	30,000	21,000	19,000	13,000	10,000	10,000	7,000	3,000
Economists	17,000	2,000	3,000	5,000	S	2,000	1,000	1,000	1,000
Male	11,000	1,000	2,000	2,000	S	S	S	1,000	S
Female	6,000	1,000	1,000	S	S	S	S	S	S
Political/related scientists	8,000	2,000	1,000	S	S	S	S	S	S
Male	5,000	1,000	S	S	S	S	S	S	S
Female	3,000	2,000	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	36,000	12,000	7,000	5,000	3,000	2,000	3,000	3,000	2,000
Male	19,000	5,000	3,000	3,000	1,000	S	2,000	2,000	1,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Female	17,000	7,000	4,000	2,000	1,000	1,000	S	S	S
Psychologists	87,000	20,000	13,000	13,000	10,000	10,000	10,000	8,000	3,000
Male	26,000	7,000	3,000	2,000	2,000	3,000	4,000	3,000	1,000
Female	61,000	12,000	10,000	11,000	8,000	7,000	6,000	5,000	2,000
Sociologists/anthropologists	9,000	3,000	2,000	S	S	1,000	S	S	S
Male	4,000	1,000	1,000	S	S	S	S	S	S
Female	5,000	2,000	1,000	S	S	S	S	S	S
Other social/related scientists	43,000	10,000	9,000	6,000	4,000	4,000	3,000	3,000	S
Male	23,000	4,000	5,000	4,000	1,000	S	S	S	S
Female	21,000	6,000	4,000	2,000	3,000	S	S	2,000	S
Engineers	474,000	109,000	88,000	74,000	59,000	52,000	36,000	32,000	25,000
Male	414,000	91,000	71,000	64,000	51,000	48,000	33,000	32,000	24,000
Female	60,000	18,000	16,000	10,000	8,000	4,000	3,000	S	S
Aerospace/aeronautical/astronautical engineers	32,000	7,000	5,000	6,000	5,000	4,000	3,000	2,000	2,000
Male	29,000	6,000	4,000	4,000	5,000	4,000	3,000	2,000	2,000
Female	3,000	1,000	S	S	S	S	S	S	S
Chemical engineers	21,000	5,000	2,000	3,000	4,000	2,000	2,000	2,000	1,000
Male	18,000	4,000	1,000	3,000	3,000	1,000	2,000	2,000	1,000
Female	3,000	1,000	1,000	S	S	S	S	S	S
Civil/architectural/sanitary engineers	75,000	14,000	14,000	13,000	7,000	8,000	7,000	6,000	6,000
Male	63,000	11,000	11,000	11,000	6,000	6,000	6,000	6,000	6,000
Female	12,000	3,000	3,000	2,000	1,000	2,000	S	S	S
Electrical/computer hardware engineers	128,000	28,000	25,000	20,000	17,000	17,000	9,000	7,000	5,000
Male	114,000	24,000	21,000	18,000	14,000	17,000	8,000	7,000	5,000
Female	14,000	4,000	4,000	2,000	3,000	S	S	S	S
Industrial engineers	25,000	8,000	5,000	3,000	4,000	1,000	1,000	2,000	1,000
Male	22,000	6,000	4,000	3,000	4,000	1,000	1,000	2,000	1,000
Female	3,000	1,000	1,000	S	S	S	S	S	S
Mechanical engineers	84,000	23,000	17,000	13,000	10,000	7,000	5,000	5,000	4,000
Male	78,000	21,000	16,000	12,000	10,000	6,000	4,000	5,000	4,000
Female	6,000	2,000	2,000	1,000	S	S	S	S	S
Postsecondary teachers-engineering	9,000	3,000	1,000	S	S	1,000	S	1,000	S
Male	8,000	2,000	1,000	S	S	1,000	S	1,000	S
Female	2,000	1,000	S	S	S	S	S	S	S
Other engineers	99,000	21,000	19,000	15,000	11,000	12,000	9,000	7,000	5,000
Male	82,000	16,000	14,000	12,000	9,000	10,000	8,000	7,000	5,000
Female	17,000	5,000	5,000	3,000	2,000	1,000	S	S	S
S&E-related occupations	1,266,000	285,000	273,000	215,000	144,000	128,000	117,000	66,000	36,000
Male	483,000	95,000	95,000	81,000	53,000	54,000	45,000	35,000	26,000
Female	783,000	191,000	178,000	135,000	91,000	74,000	72,000	31,000	11,000
Health-related occupations	646,000	164,000	150,000	103,000	77,000	60,000	56,000	23,000	13,000
Male	120,000	30,000	28,000	14,000	14,000	13,000	8,000	5,000	7,000
Female	526,000	134,000	122,000	88,000	62,000	47,000	48,000	18,000	6,000
S&E managers	152,000	20,000	28,000	31,000	22,000	21,000	18,000	8,000	4,000
Male	101,000	11,000	18,000	19,000	16,000	16,000	13,000	6,000	3,000
Female	50,000	8,000	11,000	12,000	7,000	5,000	5,000	2,000	S

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
S&E precollege teachers	343,000	85,000	71,000	58,000	30,000	33,000	28,000	26,000	11,000
Male	172,000	43,000	36,000	29,000	11,000	15,000	12,000	17,000	8,000
Female	171,000	42,000	36,000	29,000	19,000	18,000	16,000	9,000	3,000
S&E technicians/technologists	59,000	14,000	12,000	8,000	7,000	6,000	7,000	4,000	2,000
Male	41,000	8,000	7,000	6,000	5,000	5,000	7,000	3,000	S
Female	18,000	5,000	5,000	2,000	2,000	S	S	S	1,000
Other S&E-related occupations	67,000	3,000	12,000	16,000	8,000	8,000	8,000	5,000	7,000
Male	49,000	2,000	6,000	12,000	7,000	5,000	7,000	4,000	7,000
Female	17,000	S	6,000	4,000	S	3,000	S	S	S
Non-S&E occupations	2,621,000	465,000	460,000	410,000	327,000	311,000	276,000	212,000	160,000
Male	1,335,000	190,000	212,000	193,000	162,000	165,000	157,000	143,000	112,000
Female	1,286,000	274,000	248,000	217,000	166,000	146,000	119,000	69,000	48,000
Art/humanities/related occupations	82,000	16,000	11,000	13,000	10,000	7,000	10,000	6,000	9,000
Male	39,000	5,000	5,000	5,000	4,000	4,000	6,000	4,000	6,000
Female	43,000	11,000	6,000	8,000	6,000	2,000	4,000	2,000	S
Management-related occupations	473,000	88,000	85,000	72,000	59,000	63,000	44,000	29,000	32,000
Male	279,000	44,000	47,000	36,000	37,000	40,000	30,000	20,000	26,000
Female	194,000	44,000	38,000	36,000	23,000	23,000	14,000	9,000	7,000
Non-S&E managers	480,000	41,000	74,000	72,000	82,000	66,000	66,000	47,000	30,000
Male	351,000	28,000	45,000	52,000	60,000	47,000	49,000	41,000	28,000
Female	129,000	13,000	29,000	20,000	22,000	19,000	17,000	6,000	2,000
Non-S&E postsecondary teachers	57,000	16,000	13,000	5,000	5,000	5,000	5,000	7,000	2,000
Male	27,000	6,000	9,000	2,000	2,000	2,000	3,000	3,000	2,000
Female	30,000	10,000	5,000	3,000	3,000	3,000	1,000	4,000	S
Non-S&E precollege/other teachers	350,000	92,000	62,000	55,000	36,000	32,000	41,000	19,000	13,000
Male	82,000	25,000	13,000	11,000	6,000	4,000	12,000	7,000	5,000
Female	268,000	67,000	49,000	44,000	30,000	28,000	29,000	12,000	8,000
Sales/marketing occupations	313,000	45,000	52,000	54,000	23,000	39,000	33,000	34,000	32,000
Male	202,000	26,000	33,000	30,000	11,000	28,000	20,000	28,000	25,000
Female	111,000	19,000	19,000	25,000	12,000	12,000	13,000	5,000	7,000
Social services/related occupations	410,000	81,000	91,000	72,000	56,000	39,000	33,000	23,000	15,000
Male	114,000	17,000	23,000	18,000	16,000	11,000	13,000	9,000	6,000
Female	295,000	64,000	68,000	54,000	40,000	28,000	19,000	14,000	8,000
Other non-S&E occupations	456,000	85,000	71,000	67,000	55,000	59,000	44,000	46,000	27,000
Male	240,000	40,000	37,000	41,000	25,000	28,000	23,000	31,000	15,000
Female	216,000	45,000	34,000	26,000	30,000	31,000	21,000	16,000	12,000
Doctorate degrees, all occupations	883,000	141,000	154,000	147,000	117,000	105,000	86,000	74,000	59,000
Male	616,000	81,000	98,000	96,000	80,000	75,000	67,000	64,000	54,000
Female	267,000	60,000	56,000	50,000	37,000	30,000	19,000	10,000	5,000
S&E occupations	566,000	98,000	107,000	95,000	73,000	61,000	51,000	43,000	37,000
Male	405,000	58,000	70,000	65,000	53,000	46,000	41,000	38,000	34,000
Female	161,000	39,000	37,000	30,000	20,000	15,000	11,000	6,000	3,000
Scientists	467,000	81,000	88,000	78,000	61,000	52,000	44,000	35,000	29,000
Male	316,000	44,000	53,000	50,000	42,000	38,000	34,000	30,000	27,000
Female	152,000	37,000	35,000	28,000	20,000	14,000	10,000	5,000	3,000
Biological/agricultural/other life scientists	154,000	29,000	29,000	28,000	20,000	17,000	12,000	10,000	7,000
Male	102,000	16,000	17,000	18,000	14,000	12,000	9,000	9,000	7,000
Female	52,000	13,000	12,000	10,000	6,000	5,000	3,000	2,000	1,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Agricultural/food scientists	10,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Male	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	*	1,000	*	*	*	S	S	S
Biological/medical scientists	107,000	25,000	22,000	20,000	14,000	12,000	8,000	5,000	4,000
Male	69,000	14,000	13,000	12,000	9,000	8,000	6,000	4,000	3,000
Female	39,000	11,000	9,000	7,000	4,000	3,000	2,000	1,000	*
Environmental life scientists	2,000	*	*	*	*	*	S	S	S
Male	1,000	*	*	S	*	*	S	S	S
Female	*	*	*	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	34,000	3,000	5,000	7,000	5,000	4,000	3,000	4,000	3,000
Male	24,000	1,000	3,000	4,000	3,000	3,000	3,000	4,000	3,000
Female	10,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000	*
Computer/mathematical scientists	83,000	14,000	18,000	15,000	11,000	8,000	8,000	6,000	5,000
Male	66,000	9,000	13,000	12,000	9,000	7,000	6,000	6,000	4,000
Female	17,000	4,000	4,000	3,000	2,000	1,000	1,000	*	*
Computer/information scientists	41,000	5,000	9,000	9,000	5,000	4,000	4,000	3,000	2,000
Male	35,000	4,000	8,000	7,000	4,000	4,000	3,000	3,000	1,000
Female	6,000	1,000	2,000	1,000	1,000	1,000	1,000	*	S
Mathematical scientists	12,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Male	8,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	3,000	1,000	1,000	1,000	1,000	*	S	S	S
Postsecondary teachers-computer/ mathematical sciences	30,000	6,000	6,000	4,000	4,000	3,000	3,000	2,000	2,000
Male	23,000	3,000	4,000	3,000	3,000	2,000	2,000	2,000	2,000
Female	8,000	3,000	2,000	1,000	1,000	1,000	*	*	*
Physical/related scientists	89,000	14,000	15,000	14,000	10,000	10,000	9,000	7,000	9,000
Male	74,000	10,000	12,000	11,000	9,000	9,000	8,000	7,000	9,000
Female	15,000	4,000	3,000	3,000	2,000	1,000	1,000	1,000	*
Chemists, except biochemists	28,000	5,000	5,000	5,000	3,000	3,000	3,000	2,000	2,000
Male	23,000	4,000	4,000	4,000	2,000	3,000	3,000	2,000	2,000
Female	5,000	1,000	1,000	1,000	1,000	*	*	*	S
Earth/atmospheric/ocean scientists	11,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	9,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	1,000	*	*	*	*	S	S	S
Physicists/astronomers	16,000	3,000	2,000	2,000	2,000	1,000	1,000	1,000	2,000
Male	14,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	2,000
Female	2,000	1,000	*	*	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	31,000	3,000	6,000	5,000	4,000	4,000	3,000	3,000	4,000
Male	25,000	2,000	4,000	4,000	3,000	3,000	2,000	2,000	4,000
Female	6,000	1,000	1,000	1,000	1,000	*	*	*	*
Other physical/related scientists	3,000	1,000	1,000	*	*	*	*	S	*
Male	2,000	1,000	*	*	*	*	*	S	*
Female	1,000	*	*	S	S	S	S	S	S
Social/related scientists	142,000	24,000	25,000	20,000	20,000	17,000	16,000	12,000	8,000
Male	73,000	9,000	10,000	9,000	10,000	9,000	11,000	9,000	7,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Female	68,000	16,000	15,000	11,000	10,000	7,000	5,000	3,000	1,000
Economists	8,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	*
Male	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	*
Female	2,000	*	1,000	*	*	*	S	S	S
Political/related scientists	2,000	1,000	*	*	S	S	*	S	*
Male	1,000	*	S	*	S	S	S	S	*
Female	1,000	*	*	*	S	S	S	S	S
Postsecondary teachers-social/related sciences	63,000	11,000	12,000	8,000	9,000	6,000	7,000	6,000	4,000
Male	37,000	5,000	6,000	4,000	5,000	4,000	5,000	5,000	3,000
Female	27,000	6,000	6,000	4,000	4,000	2,000	2,000	2,000	*
Psychologists	56,000	9,000	9,000	9,000	8,000	8,000	7,000	4,000	3,000
Male	24,000	2,000	2,000	3,000	3,000	4,000	4,000	3,000	3,000
Female	32,000	7,000	7,000	5,000	5,000	4,000	3,000	1,000	1,000
Sociologists/anthropologists	4,000	1,000	1,000	1,000	1,000	1,000	*	*	*
Male	2,000	*	*	*	*	*	*	*	*
Female	2,000	*	1,000	*	*	*	S	S	S
Other social/related scientists	8,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	*
Male	3,000	*	1,000	1,000	*	*	*	1,000	*
Female	5,000	1,000	1,000	1,000	*	*	*	*	S
Engineers	99,000	17,000	20,000	17,000	12,000	9,000	7,000	8,000	8,000
Male	89,000	15,000	17,000	15,000	12,000	9,000	7,000	8,000	8,000
Female	10,000	3,000	2,000	2,000	1,000	1,000	1,000	*	S
Aerospace/aeronautical/astronautical engineers	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	*	S	S	S	S	S	S	S	S
Chemical engineers	9,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000
Male	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	1,000	*	*	*	S	S	S	S	S
Civil/architectural/sanitary engineers	5,000	1,000	1,000	1,000	1,000	*	*	*	1,000
Male	5,000	1,000	1,000	1,000	1,000	*	*	*	1,000
Female	1,000	*	*	S	S	S	S	S	S
Electrical/computer hardware engineers	24,000	5,000	6,000	5,000	3,000	2,000	1,000	1,000	1,000
Male	22,000	4,000	5,000	4,000	3,000	2,000	1,000	1,000	1,000
Female	2,000	*	1,000	1,000	S	S	S	S	S
Industrial engineers	2,000	*	1,000	*	S	S	S	S	S
Male	2,000	S	1,000	*	S	S	S	S	S
Female	*	S	S	S	S	S	S	S	S
Mechanical engineers	9,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Male	9,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Female	*	S	*	S	S	S	S	S	S
Postsecondary teachers-engineering	21,000	3,000	4,000	3,000	3,000	3,000	2,000	2,000	2,000
Male	19,000	2,000	3,000	3,000	2,000	3,000	2,000	2,000	2,000
Female	2,000	1,000	1,000	*	*	*	S	S	S
Other engineers	22,000	4,000	4,000	4,000	2,000	2,000	2,000	2,000	2,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Male	19,000	4,000	3,000	3,000	2,000	2,000	2,000	2,000	2,000
Female	3,000	1,000	1,000	1,000	*	*	S	S	S
S&E-related occupations	97,000	13,000	13,000	17,000	15,000	14,000	11,000	8,000	6,000
Male	59,000	6,000	7,000	9,000	8,000	9,000	8,000	7,000	5,000
Female	38,000	6,000	6,000	8,000	7,000	5,000	3,000	1,000	1,000
Health-related occupations	53,000	10,000	8,000	8,000	7,000	7,000	6,000	5,000	4,000
Male	28,000	4,000	4,000	4,000	3,000	3,000	3,000	3,000	3,000
Female	26,000	5,000	4,000	4,000	4,000	4,000	2,000	1,000	1,000
S&E managers	27,000	2,000	3,000	5,000	5,000	4,000	3,000	3,000	2,000
Male	20,000	1,000	2,000	4,000	4,000	3,000	3,000	3,000	2,000
Female	6,000	1,000	1,000	1,000	2,000	1,000	*	*	S
S&E precollege teachers	12,000	1,000	1,000	4,000	2,000	2,000	1,000	*	*
Male	7,000	S	1,000	1,000	1,000	2,000	1,000	*	*
Female	5,000	*	1,000	2,000	1,000	*	*	S	S
S&E technicians/technologists	4,000	1,000	1,000	1,000	1,000	1,000	*	*	S
Male	4,000	*	1,000	1,000	1,000	*	*	*	S
Female	1,000	S	S	*	S	S	S	S	S
Other S&E-related occupations	1,000	S	*	S	S	S	S	S	S
Male	*	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Non-S&E occupations	220,000	30,000	34,000	34,000	29,000	30,000	24,000	23,000	17,000
Male	152,000	17,000	21,000	22,000	19,000	20,000	19,000	20,000	15,000
Female	69,000	14,000	13,000	12,000	10,000	10,000	5,000	3,000	2,000
Art/humanities/related occupations	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	4,000	*	1,000	*	*	S	1,000	1,000	1,000
Female	4,000	1,000	1,000	*	1,000	1,000	*	S	*
Management-related occupations	42,000	6,000	9,000	6,000	6,000	6,000	4,000	2,000	4,000
Male	30,000	3,000	7,000	4,000	4,000	3,000	3,000	2,000	4,000
Female	12,000	3,000	2,000	1,000	2,000	2,000	1,000	*	*
Non-S&E managers	67,000	4,000	8,000	10,000	10,000	12,000	9,000	9,000	6,000
Male	49,000	2,000	5,000	6,000	7,000	9,000	7,000	8,000	5,000
Female	19,000	3,000	3,000	4,000	2,000	3,000	2,000	1,000	1,000
Non-S&E postsecondary teachers	47,000	11,000	9,000	7,000	4,000	5,000	5,000	3,000	2,000
Male	32,000	7,000	6,000	5,000	3,000	3,000	4,000	3,000	2,000
Female	15,000	4,000	4,000	3,000	1,000	2,000	1,000	1,000	*
Non-S&E precollege/other teachers	6,000	2,000	1,000	*	1,000	*	S	1,000	S
Male	3,000	S	S	S	S	S	S	S	S
Female	3,000	1,000	*	S	1,000	*	S	S	S
Sales/marketing occupations	16,000	1,000	1,000	2,000	3,000	2,000	2,000	3,000	2,000
Male	12,000	1,000	1,000	1,000	1,000	2,000	1,000	3,000	2,000
Female	4,000	*	*	1,000	2,000	*	*	*	*
Social services/related occupations	14,000	3,000	2,000	4,000	2,000	1,000	1,000	1,000	*
Male	10,000	2,000	1,000	3,000	1,000	1,000	*	1,000	*
Female	4,000	1,000	1,000	1,000	*	*	*	S	S

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other non-S&E occupations	20,000	2,000	2,000	4,000	2,000	3,000	3,000	2,000	1,000
Male	12,000	1,000	1,000	2,000	1,000	3,000	2,000	2,000	1,000
Female	8,000	2,000	1,000	3,000	1,000	1,000	*	*	*

* = estimate < 500; S = 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/occ03maj.html for a detailed description of the occupational classification. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
All degree levels and occupations[b]	18,927,000	2,969,000	3,011,000	3,011,000	2,428,000	2,397,000	2,056,000	1,649,000	1,406,000
American Indian/Alaska Native	81,000	16,000	12,000	19,000	11,000	10,000	7,000	4,000	4,000
Asian	1,931,000	445,000	334,000	320,000	245,000	196,000	154,000	119,000	118,000
Black	1,074,000	212,000	203,000	180,000	141,000	130,000	109,000	66,000	34,000
Hispanic	1,027,000	221,000	201,000	172,000	133,000	121,000	90,000	53,000	36,000
White	14,472,000	1,983,000	2,195,000	2,262,000	1,862,000	1,911,000	1,675,000	1,385,000	1,199,000
Other	342,000	92,000	67,000	58,000	38,000	29,000	22,000	21,000	15,000
S&E occupations	5,024,000	855,000	890,000	900,000	711,000	633,000	445,000	341,000	248,000
American Indian/Alaska Native	19,000	2,000	4,000	4,000	3,000	4,000	S	S	*
Asian	808,000	220,000	168,000	161,000	109,000	64,000	36,000	27,000	22,000
Black	197,000	37,000	39,000	37,000	28,000	26,000	17,000	9,000	3,000
Hispanic	230,000	49,000	52,000	49,000	28,000	21,000	14,000	9,000	7,000
White	3,677,000	520,000	609,000	632,000	533,000	509,000	372,000	290,000	213,000
Other	93,000	26,000	18,000	18,000	10,000	8,000	6,000	5,000	3,000
Scientists	3,403,000	582,000	633,000	633,000	493,000	422,000	294,000	211,000	135,000
American Indian/Alaska Native	15,000	2,000	3,000	4,000	2,000	3,000	S	S	S
Asian	573,000	152,000	126,000	125,000	81,000	45,000	20,000	14,000	11,000
Black	145,000	28,000	29,000	27,000	22,000	18,000	12,000	8,000	2,000
Hispanic	141,000	31,000	32,000	32,000	18,000	13,000	8,000	5,000	3,000
White	2,464,000	351,000	428,000	435,000	363,000	337,000	251,000	182,000	118,000
Other	64,000	19,000	15,000	11,000	6,000	6,000	4,000	2,000	1,000
Biological/agricultural/other life scientists	487,000	104,000	97,000	68,000	56,000	63,000	42,000	36,000	21,000
American Indian/Alaska Native	4,000	1,000	*	S	S	2,000	S	S	S
Asian	77,000	20,000	17,000	13,000	9,000	7,000	4,000	4,000	2,000
Black	13,000	3,000	2,000	3,000	2,000	1,000	1,000	1,000	S
Hispanic	21,000	6,000	5,000	3,000	4,000	1,000	1,000	1,000	1,000
White	363,000	71,000	68,000	49,000	41,000	51,000	36,000	30,000	18,000
Other	10,000	3,000	5,000	*	1,000	1,000	*	S	S
Agricultural/food scientists	57,000	8,000	9,000	5,000	6,000	11,000	8,000	8,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	1,000	1,000	1,000	1,000	1,000	S	1,000	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	3,000	*	*	S	1,000	S	S	S	S
White	47,000	7,000	6,000	3,000	4,000	10,000	8,000	7,000	2,000
Other	2,000	S	S	S	S	S	S	S	S
Biological/medical scientists	336,000	79,000	75,000	51,000	39,000	38,000	24,000	16,000	13,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	66,000	17,000	16,000	12,000	8,000	6,000	3,000	3,000	2,000
Black	8,000	3,000	1,000	2,000	1,000	1,000	S	*	S
Hispanic	16,000	5,000	5,000	2,000	2,000	1,000	1,000	1,000	S
White	236,000	52,000	50,000	35,000	28,000	30,000	20,000	12,000	10,000
Other	6,000	2,000	3,000	*	*	S	S	S	S
Environmental life scientists	35,000	5,000	3,000	3,000	3,000	7,000	5,000	6,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	32,000	4,000	3,000	3,000	2,000	7,000	5,000	6,000	2,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	60,000	12,000	10,000	9,000	8,000	6,000	5,000	6,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	2,000	1,000	1,000	1,000	1,000	*	*	*

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	3,000	*	1,000	1,000	S	*	*	1,000	S
Hispanic	2,000	*	*	*	*	*	S	S	S
White	48,000	9,000	8,000	7,000	7,000	4,000	4,000	5,000	4,000
Other	1,000	S	S	S	S	S	S	S	S
Computer/mathematical scientists	2,112,000	305,000	389,000	442,000	347,000	273,000	173,000	116,000	67,000
American Indian/Alaska Native	5,000	*	2,000	S	1,000	S	S	S	S
Asian	429,000	108,000	95,000	102,000	66,000	34,000	13,000	8,000	3,000
Black	104,000	17,000	21,000	21,000	18,000	13,000	8,000	4,000	2,000
Hispanic	81,000	15,000	18,000	23,000	10,000	8,000	5,000	2,000	1,000
White	1,453,000	154,000	246,000	288,000	247,000	213,000	145,000	100,000	60,000
Other	40,000	11,000	8,000	9,000	4,000	3,000	2,000	1,000	S
Computer/information scientists	1,938,000	266,000	355,000	418,000	326,000	258,000	158,000	102,000	55,000
American Indian/Alaska Native	4,000	S	S	S	1,000	S	S	S	S
Asian	404,000	99,000	90,000	99,000	63,000	32,000	12,000	7,000	3,000
Black	94,000	15,000	19,000	18,000	17,000	12,000	7,000	4,000	1,000
Hispanic	75,000	13,000	16,000	22,000	9,000	8,000	4,000	2,000	1,000
White	1,322,000	128,000	221,000	269,000	232,000	203,000	132,000	87,000	50,000
Other	38,000	11,000	8,000	9,000	4,000	3,000	2,000	1,000	S
Mathematical scientists	85,000	19,000	17,000	11,000	11,000	8,000	7,000	6,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	13,000	5,000	2,000	1,000	2,000	1,000	S	1,000	S
Black	3,000	1,000	1,000	S	S	*	S	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S	S
White	65,000	12,000	13,000	9,000	9,000	6,000	7,000	6,000	4,000
Other	1,000	*	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	90,000	20,000	17,000	14,000	9,000	7,000	8,000	8,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	12,000	4,000	3,000	2,000	1,000	1,000	*	*	*
Black	7,000	1,000	1,000	2,000	1,000	1,000	1,000	S	*
Hispanic	3,000	1,000	1,000	1,000	*	*	S	S	S
White	67,000	14,000	12,000	9,000	7,000	5,000	6,000	7,000	7,000
Other	1,000	S	S	S	S	S	S	S	S
Physical/related scientists	334,000	65,000	57,000	49,000	37,000	41,000	35,000	26,000	24,000
American Indian/Alaska Native	1,000	*	1,000	S	S	S	S	S	S
Asian	42,000	13,000	9,000	6,000	3,000	3,000	2,000	2,000	4,000
Black	8,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	S
Hispanic	14,000	3,000	4,000	2,000	2,000	2,000	*	1,000	*
White	263,000	45,000	43,000	40,000	31,000	34,000	31,000	21,000	19,000
Other	5,000	2,000	*	1,000	*	*	1,000	*	S
Chemists, except biochemists	134,000	26,000	25,000	23,000	13,000	17,000	11,000	10,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	25,000	6,000	5,000	4,000	2,000	2,000	1,000	1,000	2,000
Black	5,000	1,000	1,000	*	1,000	1,000	*	1,000	S
Hispanic	7,000	1,000	3,000	1,000	1,000	1,000	S	S	S
White	94,000	16,000	16,000	17,000	10,000	13,000	9,000	7,000	6,000
Other	2,000	1,000	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	80,000	12,000	14,000	12,000	10,000	11,000	11,000	6,000	5,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	3,000	1,000	*	*	S	S	*	S	1,000
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	3,000	*	1,000	*	1,000	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	71,000	10,000	12,000	11,000	9,000	10,000	9,000	6,000	4,000
Other	1,000	*	*	S	S	S	S	S	S
Physicists/astronomers	29,000	9,000	5,000	4,000	2,000	2,000	2,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	3,000	1,000	1,000	1,000	*	S	S	S
Black	*	*	S	S	S	S	S	S	S
Hispanic	1,000	*	S	*	S	S	S	S	S
White	21,000	6,000	4,000	3,000	2,000	2,000	2,000	2,000	2,000
Other	*	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	52,000	11,000	9,000	6,000	6,000	6,000	4,000	4,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	2,000	1,000	1,000	*	*	*	*	1,000
Black	1,000	1,000	*	*	*	*	S	S	S
Hispanic	2,000	1,000	*	*	*	*	S	S	*
White	43,000	8,000	7,000	5,000	5,000	6,000	4,000	3,000	6,000
Other	1,000	*	S	S	S	S	S	S	S
Other physical/related scientists	39,000	7,000	6,000	5,000	6,000	4,000	8,000	4,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	1,000	S	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	2,000	*	S	S	S	S	S	S	S
White	33,000	5,000	4,000	5,000	5,000	3,000	7,000	3,000	1,000
Other	1,000	1,000	S	S	S	S	S	S	S
Social/related scientists	470,000	108,000	89,000	74,000	53,000	46,000	44,000	33,000	23,000
American Indian/Alaska Native	5,000	*	1,000	3,000	1,000	S	S	S	S
Asian	25,000	10,000	6,000	3,000	3,000	1,000	*	*	1,000
Black	20,000	5,000	6,000	3,000	1,000	2,000	2,000	1,000	*
Hispanic	25,000	8,000	5,000	4,000	3,000	2,000	1,000	2,000	1,000
White	385,000	81,000	71,000	59,000	44,000	40,000	39,000	30,000	21,000
Other	10,000	4,000	2,000	1,000	1,000	2,000	*	*	S
Economists	33,000	6,000	7,000	6,000	4,000	3,000	2,000	3,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	2,000	1,000	*	*	S	S	S	S
Black	1,000	*	*	S	S	S	S	S	S
Hispanic	1,000	1,000	S	S	S	*	S	S	S
White	26,000	3,000	4,000	6,000	3,000	3,000	2,000	3,000	1,000
Other	1,000	S	S	S	S	S	S	S	S
Political/related scientists	20,000	6,000	6,000	4,000	S	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	*	S	S	S	S	S	S	S
Black	1,000	*	*	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	17,000	5,000	6,000	3,000	S	2,000	1,000	1,000	1,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	115,000	29,000	22,000	15,000	14,000	9,000	10,000	9,000	6,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	8,000	3,000	2,000	1,000	1,000	1,000	*	S	S
Black	6,000	1,000	2,000	1,000	1,000	*	*	*	S
Hispanic	5,000	1,000	1,000	1,000	*	1,000	*	*	S
White	91,000	23,000	17,000	12,000	11,000	6,000	9,000	8,000	6,000

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	4,000	1,000	1,000	*	*	S	S	S	S
Psychologists	177,000	38,000	29,000	27,000	23,000	21,000	19,000	13,000	7,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	4,000	2,000	1,000	*	*	*	*	S	S
Black	7,000	2,000	1,000	1,000	*	1,000	1,000	S	S
Hispanic	11,000	4,000	2,000	2,000	2,000	*	1,000	S	S
White	152,000	29,000	25,000	23,000	20,000	19,000	17,000	12,000	7,000
Other	2,000	1,000	*	1,000	S	*	S	S	S
Sociologists/anthropologists	21,000	8,000	5,000	1,000	2,000	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	*	S	S	S	S	S	S
Black	1,000	*	1,000	S	S	S	S	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S	S
White	16,000	6,000	3,000	1,000	2,000	1,000	1,000	1,000	1,000
Other	*	*	S	S	S	S	S	S	S
Other social/related scientists	103,000	21,000	20,000	20,000	9,000	10,000	10,000	7,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	2,000	2,000	1,000	S	S	S	S	S
Black	4,000	1,000	1,000	S	S	S	S	S	S
Hispanic	5,000	1,000	1,000	2,000	S	S	S	S	S
White	83,000	15,000	16,000	14,000	7,000	9,000	9,000	6,000	6,000
Other	2,000	1,000	*	S	S	S	S	S	S
Engineers	1,621,000	273,000	257,000	267,000	218,000	211,000	152,000	130,000	113,000
American Indian/Alaska Native	4,000	1,000	*	S	S	S	S	S	S
Asian	235,000	68,000	42,000	36,000	28,000	20,000	16,000	13,000	12,000
Black	51,000	9,000	10,000	10,000	6,000	9,000	6,000	2,000	1,000
Hispanic	89,000	18,000	21,000	17,000	10,000	8,000	6,000	4,000	4,000
White	1,213,000	170,000	181,000	196,000	170,000	172,000	121,000	109,000	95,000
Other	29,000	7,000	3,000	6,000	3,000	2,000	2,000	3,000	1,000
Aerospace/aeronautical/astronautical engineers	96,000	16,000	11,000	14,000	16,000	14,000	9,000	7,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	3,000	1,000	1,000	1,000	1,000	1,000	1,000	S
Black	3,000	*	*	1,000	S	S	S	S	S
Hispanic	5,000	1,000	1,000	1,000	1,000	S	S	S	S
White	77,000	11,000	9,000	11,000	13,000	12,000	8,000	5,000	9,000
Other	3,000	1,000	*	S	S	S	S	S	S
Chemical engineers	80,000	14,000	10,000	15,000	12,000	9,000	8,000	7,000	5,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	13,000	3,000	2,000	3,000	1,000	1,000	1,000	2,000	1,000
Black	3,000	1,000	1,000	S	S	S	*	S	S
Hispanic	4,000	1,000	S	*	1,000	S	S	S	S
White	58,000	8,000	7,000	11,000	9,000	7,000	6,000	5,000	4,000
Other	2,000	*	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	266,000	42,000	46,000	47,000	26,000	32,000	24,000	24,000	25,000
American Indian/Alaska Native	1,000	*	S	S	S	S	S	S	S
Asian	29,000	7,000	4,000	3,000	2,000	3,000	3,000	2,000	4,000
Black	9,000	1,000	2,000	1,000	S	2,000	1,000	S	S
Hispanic	20,000	3,000	5,000	3,000	2,000	1,000	1,000	1,000	3,000
White	200,000	29,000	34,000	36,000	21,000	26,000	17,000	19,000	17,000
Other	7,000	1,000	1,000	2,000	S	S	S	S	S
Electrical/computer hardware engineers	395,000	66,000	64,000	66,000	58,000	59,000	35,000	27,000	20,000

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	89,000	24,000	18,000	15,000	13,000	9,000	5,000	3,000	2,000
Black	13,000	3,000	2,000	3,000	1,000	2,000	1,000	S	S
Hispanic	20,000	4,000	5,000	5,000	2,000	2,000	1,000	1,000	S
White	265,000	33,000	37,000	42,000	41,000	45,000	27,000	22,000	17,000
Other	7,000	2,000	1,000	1,000	S	1,000	1,000	S	S
Industrial engineers	93,000	17,000	17,000	17,000	14,000	10,000	8,000	7,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	12,000	4,000	2,000	2,000	S	S	1,000	S	S
Black	6,000	1,000	1,000	2,000	S	S	S	S	S
Hispanic	8,000	2,000	2,000	S	1,000	S	S	S	S
White	65,000	9,000	12,000	11,000	11,000	7,000	5,000	6,000	4,000
Other	1,000	1,000	S	S	S	S	S	S	S
Mechanical engineers	305,000	56,000	49,000	50,000	44,000	36,000	27,000	22,000	22,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	36,000	11,000	6,000	6,000	5,000	2,000	2,000	2,000	2,000
Black	8,000	2,000	1,000	S	1,000	S	1,000	S	S
Hispanic	15,000	3,000	5,000	3,000	2,000	1,000	1,000	S	S
White	241,000	39,000	37,000	39,000	36,000	30,000	23,000	18,000	19,000
Other	4,000	1,000	S	1,000	S	S	S	S	S
Postsecondary teachers-engineering	38,000	8,000	5,000	6,000	4,000	4,000	3,000	3,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	3,000	1,000	1,000	*	1,000	*	1,000	*
Black	2,000	*	*	*	*	S	S	*	S
Hispanic	1,000	*	*	*	S	*	*	S	S
White	28,000	4,000	4,000	5,000	3,000	4,000	3,000	2,000	4,000
Other	1,000	S	S	S	S	S	S	S	S
Other engineers	348,000	54,000	55,000	53,000	45,000	47,000	37,000	33,000	24,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	39,000	13,000	8,000	5,000	5,000	3,000	3,000	1,000	1,000
Black	9,000	1,000	3,000	1,000	1,000	2,000	1,000	S	S
Hispanic	15,000	3,000	3,000	4,000	2,000	2,000	1,000	S	S
White	280,000	35,000	42,000	42,000	36,000	40,000	32,000	31,000	22,000
Other	4,000	1,000	*	S	S	1,000	S	S	S
S&E-related occupations	5,246,000	761,000	868,000	831,000	682,000	692,000	614,000	427,000	371,000
American Indian/Alaska Native	25,000	5,000	3,000	5,000	3,000	2,000	4,000	S	S
Asian	508,000	86,000	80,000	72,000	65,000	64,000	58,000	41,000	44,000
Black	303,000	55,000	59,000	50,000	43,000	41,000	32,000	11,000	12,000
Hispanic	272,000	47,000	44,000	43,000	43,000	38,000	27,000	16,000	14,000
White	4,042,000	543,000	662,000	648,000	516,000	537,000	489,000	353,000	294,000
Other	96,000	25,000	20,000	13,000	12,000	9,000	5,000	5,000	6,000
Health-related occupations	3,625,000	551,000	607,000	561,000	456,000	480,000	435,000	279,000	257,000
American Indian/Alaska Native	19,000	4,000	S	3,000	3,000	1,000	S	S	S
Asian	384,000	65,000	55,000	52,000	48,000	49,000	45,000	34,000	35,000
Black	219,000	42,000	42,000	35,000	33,000	32,000	23,000	6,000	7,000
Hispanic	181,000	30,000	28,000	27,000	29,000	27,000	18,000	12,000	11,000
White	2,754,000	394,000	464,000	435,000	335,000	364,000	343,000	221,000	198,000
Other	67,000	16,000	17,000	9,000	8,000	6,000	4,000	4,000	4,000
S&E managers	382,000	28,000	52,000	61,000	66,000	66,000	51,000	32,000	26,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	32,000	5,000	5,000	5,000	7,000	4,000	3,000	1,000	1,000
Black	20,000	1,000	6,000	2,000	4,000	2,000	3,000	2,000	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	18,000	4,000	4,000	4,000	3,000	1,000	1,000	S	S
White	305,000	17,000	36,000	49,000	51,000	57,000	44,000	29,000	22,000
Other	5,000	S	S	*	*	*	S	S	S
S&E precollege teachers	644,000	124,000	124,000	106,000	74,000	59,000	60,000	58,000	39,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	18,000	5,000	5,000	3,000	2,000	2,000	1,000	S	S
Black	43,000	9,000	9,000	8,000	2,000	4,000	5,000	2,000	4,000
Hispanic	34,000	8,000	7,000	4,000	7,000	4,000	3,000	2,000	S
White	537,000	97,000	102,000	89,000	64,000	49,000	50,000	53,000	34,000
Other	10,000	5,000	1,000	S	S	S	S	S	S
S&E technicians/technologists	371,000	52,000	56,000	53,000	54,000	59,000	40,000	35,000	22,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	52,000	10,000	10,000	8,000	5,000	6,000	5,000	3,000	5,000
Black	12,000	2,000	2,000	2,000	2,000	2,000	1,000	S	S
Hispanic	25,000	4,000	3,000	5,000	3,000	5,000	3,000	S	S
White	269,000	32,000	39,000	37,000	41,000	45,000	31,000	30,000	16,000
Other	11,000	3,000	1,000	1,000	3,000	S	S	S	S
Other S&E-related occupations	224,000	6,000	30,000	50,000	31,000	28,000	27,000	24,000	28,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	21,000	2,000	4,000	3,000	3,000	2,000	3,000	S	2,000
Black	8,000	S	S	3,000	S	S	S	S	S
Hispanic	14,000	1,000	3,000	3,000	S	2,000	S	1,000	S
White	177,000	4,000	21,000	39,000	26,000	22,000	20,000	20,000	25,000
Other	2,000	S	S	S	S	S	S	S	S
Non-S&E occupations	8,657,000	1,353,000	1,253,000	1,279,000	1,036,000	1,072,000	997,000	881,000	786,000
American Indian/Alaska Native	37,000	8,000	5,000	9,000	5,000	4,000	3,000	2,000	S
Asian	616,000	138,000	87,000	88,000	70,000	68,000	60,000	52,000	52,000
Black	575,000	121,000	105,000	92,000	70,000	63,000	60,000	46,000	19,000
Hispanic	525,000	125,000	104,000	80,000	62,000	62,000	49,000	29,000	15,000
White	6,753,000	920,000	924,000	982,000	813,000	865,000	814,000	742,000	692,000
Other	153,000	41,000	29,000	27,000	16,000	12,000	11,000	10,000	7,000
Art/humanities/related occupations	262,000	36,000	35,000	39,000	35,000	28,000	31,000	31,000	27,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	11,000	5,000	*	2,000	1,000	S	S	1,000	S
Black	15,000	3,000	4,000	4,000	S	S	S	S	S
Hispanic	16,000	3,000	2,000	3,000	S	S	S	S	S
White	218,000	22,000	28,000	31,000	31,000	26,000	29,000	26,000	25,000
Other	2,000	1,000	S	S	S	S	S	S	S
Management-related occupations	1,361,000	207,000	217,000	218,000	169,000	168,000	149,000	124,000	108,000
American Indian/Alaska Native	7,000	1,000	S	S	S	S	S	S	S
Asian	142,000	41,000	27,000	22,000	12,000	16,000	10,000	7,000	7,000
Black	94,000	15,000	17,000	19,000	13,000	10,000	10,000	8,000	2,000
Hispanic	78,000	16,000	19,000	11,000	8,000	9,000	7,000	5,000	2,000
White	1,015,000	129,000	149,000	161,000	132,000	128,000	119,000	101,000	96,000
Other	24,000	6,000	4,000	4,000	3,000	2,000	2,000	S	S
Non-S&E managers	1,118,000	66,000	109,000	156,000	181,000	191,000	159,000	139,000	118,000
American Indian/Alaska Native	7,000	S	S	S	S	S	S	S	S
Asian	64,000	6,000	8,000	12,000	9,000	10,000	7,000	8,000	4,000
Black	59,000	4,000	9,000	12,000	8,000	10,000	7,000	7,000	3,000
Hispanic	52,000	7,000	7,000	7,000	11,000	9,000	4,000	5,000	2,000
White	923,000	46,000	83,000	122,000	147,000	161,000	139,000	118,000	108,000
Other	13,000	1,000	2,000	2,000	5,000	1,000	1,000	1,000	1,000

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E postsecondary teachers	141,000	36,000	28,000	14,000	13,000	13,000	15,000	14,000	8,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	9,000	4,000	1,000	2,000	1,000	*	1,000	S	S
Black	8,000	1,000	1,000	1,000	*	S	2,000	1,000	1,000
Hispanic	11,000	4,000	3,000	1,000	1,000	*	1,000	*	S
White	109,000	25,000	21,000	10,000	10,000	12,000	11,000	13,000	6,000
Other	3,000	1,000	1,000	S	S	S	S	S	S
Non-S&E precollege/other teachers	724,000	160,000	106,000	103,000	92,000	86,000	85,000	50,000	43,000
American Indian/Alaska Native	2,000	1,000	S	S	S	S	S	S	S
Asian	25,000	5,000	3,000	7,000	4,000	S	S	S	2,000
Black	59,000	13,000	8,000	9,000	8,000	8,000	6,000	5,000	2,000
Hispanic	57,000	13,000	13,000	7,000	8,000	7,000	7,000	3,000	S
White	569,000	125,000	79,000	75,000	71,000	70,000	69,000	41,000	38,000
Other	12,000	2,000	S	4,000	S	S	S	S	S
Sales/marketing occupations	1,435,000	178,000	207,000	229,000	138,000	175,000	146,000	179,000	183,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	109,000	17,000	21,000	15,000	12,000	16,000	9,000	10,000	8,000
Black	56,000	15,000	5,000	8,000	6,000	7,000	7,000	6,000	3,000
Hispanic	73,000	18,000	13,000	14,000	7,000	6,000	5,000	4,000	5,000
White	1,168,000	124,000	162,000	184,000	109,000	143,000	125,000	158,000	164,000
Other	26,000	4,000	4,000	7,000	S	3,000	S	S	3,000
Social services/related occupations	714,000	163,000	152,000	120,000	84,000	68,000	57,000	45,000	25,000
American Indian/Alaska Native	3,000	1,000	S	S	S	S	S	S	S
Asian	21,000	8,000	2,000	3,000	S	1,000	S	2,000	S
Black	91,000	24,000	22,000	14,000	11,000	9,000	6,000	5,000	S
Hispanic	59,000	20,000	12,000	9,000	4,000	6,000	5,000	3,000	S
White	527,000	105,000	111,000	91,000	66,000	50,000	46,000	35,000	22,000
Other	13,000	5,000	3,000	2,000	S	2,000	S	S	S
Other non-S&E occupations	2,902,000	507,000	398,000	399,000	324,000	343,000	355,000	300,000	274,000
American Indian/Alaska Native	14,000	3,000	1,000	5,000	S	S	S	S	S
Asian	234,000	52,000	24,000	25,000	28,000	23,000	31,000	22,000	29,000
Black	193,000	45,000	37,000	25,000	25,000	19,000	22,000	15,000	6,000
Hispanic	178,000	43,000	34,000	28,000	20,000	23,000	20,000	7,000	3,000
White	2,224,000	344,000	290,000	309,000	247,000	274,000	276,000	251,000	233,000
Other	60,000	20,000	11,000	8,000	3,000	3,000	6,000	5,000	3,000
Bachelor's degrees, all occupations	10,886,000	1,571,000	1,588,000	1,734,000	1,405,000	1,417,000	1,221,000	1,040,000	909,000
American Indian/Alaska Native	53,000	7,000	7,000	15,000	7,000	7,000	5,000	3,000	3,000
Asian	968,000	198,000	130,000	154,000	128,000	108,000	96,000	74,000	79,000
Black	648,000	116,000	107,000	103,000	90,000	89,000	72,000	48,000	23,000
Hispanic	638,000	127,000	124,000	113,000	78,000	80,000	59,000	34,000	24,000
White	8,351,000	1,067,000	1,177,000	1,310,000	1,074,000	1,114,000	974,000	865,000	771,000
Other	228,000	56,000	44,000	39,000	28,000	19,000	16,000	16,000	10,000
S&E occupations	2,911,000	431,000	490,000	536,000	424,000	401,000	276,000	201,000	153,000
American Indian/Alaska Native	13,000	1,000	2,000	3,000	2,000	4,000	S	S	S
Asian	336,000	82,000	58,000	70,000	52,000	33,000	18,000	11,000	14,000
Black	126,000	18,000	23,000	22,000	19,000	22,000	13,000	7,000	2,000
Hispanic	156,000	31,000	36,000	34,000	19,000	17,000	10,000	5,000	5,000
White	2,217,000	283,000	359,000	395,000	325,000	321,000	231,000	174,000	130,000
Other	62,000	16,000	12,000	13,000	7,000	5,000	4,000	4,000	2,000
Scientists	1,865,000	285,000	340,000	361,000	277,000	251,000	168,000	111,000	72,000
American Indian/Alaska Native	10,000	1,000	2,000	2,000	1,000	3,000	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Asian	236,000	57,000	44,000	55,000	37,000	22,000	8,000	6,000	6,000
Black	89,000	13,000	16,000	16,000	15,000	14,000	8,000	5,000	2,000
Hispanic	91,000	19,000	21,000	22,000	11,000	10,000	4,000	3,000	1,000
White	1,399,000	183,000	247,000	258,000	209,000	199,000	145,000	96,000	62,000
Other	40,000	11,000	10,000	7,000	4,000	3,000	3,000	1,000	S
Biological/agricultural/other life scientists	203,000	45,000	46,000	21,000	20,000	26,000	19,000	17,000	9,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	19,000	6,000	5,000	S	3,000	1,000	1,000	2,000	1,000
Black	6,000	1,000	S	S	S	S	S	S	S
Hispanic	10,000	3,000	3,000	S	S	S	S	S	S
White	159,000	33,000	34,000	19,000	14,000	21,000	16,000	15,000	7,000
Other	6,000	2,000	3,000	S	S	S	S	S	S
Agricultural/food scientists	32,000	4,000	4,000	2,000	2,000	6,000	6,000	5,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	2,000	*	S	S	S	S	S	S	S
White	27,000	4,000	3,000	1,000	1,000	6,000	5,000	5,000	1,000
Other	2,000	S	S	S	S	S	S	S	S
Biological/medical scientists	137,000	32,000	38,000	17,000	14,000	13,000	10,000	8,000	5,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	16,000	4,000	5,000	S	3,000	1,000	1,000	1,000	S
Black	4,000	1,000	S	S	S	S	S	S	S
Hispanic	8,000	3,000	3,000	S	S	S	S	S	S
White	103,000	23,000	27,000	15,000	10,000	10,000	8,000	5,000	4,000
Other	4,000	1,000	S	S	S	S	S	S	S
Environmental life scientists	22,000	3,000	1,000	2,000	2,000	5,000	3,000	4,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	20,000	2,000	1,000	2,000	S	5,000	3,000	4,000	1,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	13,000	6,000	2,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	10,000	4,000	2,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	1,394,000	173,000	243,000	297,000	233,000	199,000	123,000	77,000	50,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	198,000	45,000	36,000	52,000	33,000	19,000	7,000	4,000	2,000
Black	73,000	10,000	14,000	15,000	12,000	12,000	6,000	3,000	1,000
Hispanic	63,000	11,000	13,000	19,000	7,000	8,000	3,000	1,000	S
White	1,028,000	100,000	174,000	205,000	176,000	157,000	104,000	68,000	45,000
Other	29,000	7,000	6,000	6,000	3,000	2,000	2,000	S	S
Computer/information scientists	1,345,000	161,000	231,000	293,000	228,000	196,000	118,000	73,000	46,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	195,000	44,000	35,000	52,000	33,000	19,000	7,000	3,000	2,000
Black	69,000	9,000	13,000	14,000	12,000	11,000	5,000	3,000	1,000

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	60,000	10,000	12,000	19,000	7,000	7,000	3,000	1,000	S
White	989,000	91,000	163,000	201,000	172,000	155,000	101,000	65,000	41,000
Other	28,000	7,000	6,000	6,000	3,000	2,000	2,000	S	S
Mathematical scientists	32,000	7,000	7,000	3,000	4,000	3,000	3,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	S	S	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	2,000	1,000	S	S	S	S	S	S	S
White	27,000	5,000	6,000	3,000	4,000	2,000	3,000	2,000	2,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	17,000	5,000	5,000	2,000	S	S	1,000	2,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	2,000	*	S	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	12,000	4,000	4,000	1,000	S	S	S	2,000	S
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	159,000	33,000	28,000	25,000	14,000	20,000	18,000	11,000	9,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	14,000	4,000	3,000	S	S	2,000	S	S	3,000
Black	5,000	1,000	*	S	S	1,000	S	1,000	S
Hispanic	9,000	2,000	3,000	1,000	S	2,000	S	S	S
White	128,000	26,000	21,000	22,000	12,000	15,000	17,000	9,000	6,000
Other	3,000	1,000	S	S	S	S	S	S	S
Chemists, except biochemists	79,000	15,000	16,000	13,000	7,000	11,000	6,000	5,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	10,000	2,000	2,000	S	S	2,000	S	S	2,000
Black	4,000	1,000	S	S	S	S	S	S	S
Hispanic	6,000	1,000	2,000	S	S	S	S	S	S
White	58,000	11,000	12,000	11,000	6,000	8,000	5,000	3,000	4,000
Other	1,000	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	39,000	6,000	7,000	7,000	5,000	5,000	5,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	2,000	*	*	S	S	S	S	S	S
White	35,000	6,000	6,000	7,000	4,000	4,000	4,000	3,000	1,000
Other	*	S	S	S	S	S	S	S	S
Physicists/astronomers	6,000	3,000	1,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	5,000	2,000	1,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	9,000	6,000	1,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	*	*	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	8,000	4,000	1,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other physical/related scientists	25,000	4,000	4,000	4,000	2,000	2,000	6,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	S	S	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S	S
White	22,000	3,000	2,000	4,000	2,000	2,000	6,000	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	108,000	33,000	23,000	17,000	9,000	6,000	8,000	5,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	2,000	S	S	S	S	S	S	S
Black	6,000	1,000	1,000	S	S	S	S	S	S
Hispanic	8,000	4,000	2,000	S	S	S	S	S	S
White	84,000	25,000	19,000	13,000	7,000	5,000	7,000	4,000	4,000
Other	2,000	1,000	S	S	S	S	S	S	S
Economists	9,000	3,000	2,000	S	1,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	6,000	2,000	S	S	1,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	10,000	3,000	4,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	8,000	3,000	4,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	13,000	6,000	3,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	11,000	5,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Psychologists	19,000	8,000	4,000	S	2,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	2,000	S	S	S	S	S	S	S	S
Hispanic	4,000	2,000	S	S	S	S	S	S	S
White	13,000	5,000	3,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists	8,000	5,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	2,000	S	S	S	S	S	S	S	S
White	6,000	4,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other social/related scientists	50,000	8,000	8,000	12,000	4,000	5,000	6,000	3,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	S	S	S	S	S	S	S	S
Black	3,000	S	S	S	S	S	S	S	S
Hispanic	2,000	1,000	S	S	S	S	S	S	S
White	40,000	6,000	7,000	9,000	3,000	4,000	6,000	3,000	3,000
Other	2,000	S	S	S	S	S	S	S	S
Engineers	1,046,000	146,000	149,000	175,000	147,000	150,000	108,000	90,000	80,000
American Indian/Alaska Native	3,000	1,000	S	S	S	S	S	S	S
Asian	100,000	25,000	14,000	15,000	15,000	10,000	10,000	5,000	7,000
Black	36,000	4,000	7,000	6,000	5,000	8,000	5,000	2,000	S
Hispanic	65,000	11,000	15,000	12,000	9,000	7,000	6,000	3,000	4,000
White	818,000	100,000	111,000	137,000	116,000	123,000	86,000	78,000	68,000
Other	23,000	5,000	2,000	5,000	3,000	2,000	2,000	3,000	1,000
Aerospace/aeronautical/astronautical engineers	57,000	8,000	5,000	8,000	9,000	10,000	6,000	5,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	2,000	S	S	S	S	S	S	S
Black	2,000	*	S	1,000	S	S	S	S	S
Hispanic	3,000	1,000	1,000	S	S	S	S	S	S
White	45,000	5,000	4,000	6,000	8,000	9,000	5,000	3,000	6,000
Other	2,000	*	S	S	S	S	S	S	S
Chemical engineers	51,000	8,000	7,000	10,000	7,000	7,000	5,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	2,000	1,000	1,000	S	S	S	S	S
Black	2,000	*	S	S	S	S	S	S	S
Hispanic	3,000	1,000	S	S	S	S	S	S	S
White	39,000	5,000	5,000	7,000	5,000	5,000	5,000	4,000	3,000
Other	1,000	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	185,000	27,000	31,000	32,000	18,000	23,000	17,000	18,000	18,000
American Indian/Alaska Native	1,000	*	S	S	S	S	S	S	S
Asian	14,000	2,000	2,000	1,000	1,000	2,000	2,000	2,000	2,000
Black	7,000	1,000	2,000	S	S	2,000	1,000	S	S
Hispanic	16,000	2,000	4,000	2,000	2,000	1,000	1,000	1,000	2,000
White	142,000	21,000	22,000	27,000	15,000	19,000	12,000	14,000	13,000
Other	6,000	1,000	S	S	S	S	S	S	S
Electrical/computer hardware engineers	242,000	32,000	34,000	41,000	39,000	40,000	24,000	18,000	14,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	36,000	8,000	5,000	6,000	7,000	5,000	2,000	1,000	1,000
Black	9,000	1,000	1,000	2,000	1,000	2,000	1,000	S	S
Hispanic	15,000	3,000	3,000	3,000	2,000	2,000	1,000	S	S
White	176,000	19,000	23,000	29,000	29,000	31,000	19,000	15,000	12,000
Other	6,000	2,000	S	1,000	S	1,000	S	S	S
Industrial engineers	65,000	9,000	11,000	14,000	10,000	8,000	7,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	2,000	S	S	S	S	S	S	S
Black	5,000	*	S	S	S	S	S	S	S
Hispanic	6,000	1,000	1,000	S	1,000	S	S	S	S
White	45,000	5,000	8,000	9,000	7,000	6,000	4,000	4,000	3,000
Other	1,000	*	S	S	S	S	S	S	S
Mechanical engineers	211,000	30,000	30,000	35,000	32,000	28,000	22,000	16,000	17,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Asian	16,000	3,000	1,000	3,000	3,000	1,000	2,000	1,000	2,000
Black	5,000	*	1,000	S	S	S	1,000	S	S
Hispanic	11,000	2,000	4,000	2,000	2,000	1,000	1,000	S	S
White	174,000	24,000	24,000	29,000	27,000	24,000	19,000	14,000	14,000
Other	3,000	1,000	S	1,000	S	S	S	S	S
Postsecondary teachers-engineering	8,000	3,000	S	S	S	S	S	S	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	6,000	2,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other engineers	227,000	28,000	32,000	35,000	31,000	33,000	27,000	24,000	17,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	17,000	5,000	3,000	1,000	3,000	1,000	2,000	S	1,000
Black	6,000	1,000	2,000	S	1,000	S	S	S	S
Hispanic	10,000	2,000	1,000	3,000	1,000	1,000	1,000	S	S
White	191,000	19,000	25,000	29,000	25,000	29,000	23,000	23,000	16,000
Other	3,000	1,000	S	S	S	S	S	S	S
S&E-related occupations	2,810,000	361,000	433,000	454,000	378,000	380,000	343,000	255,000	206,000
American Indian/Alaska Native	16,000	3,000	1,000	3,000	S	S	3,000	S	S
Asian	251,000	33,000	31,000	35,000	34,000	30,000	39,000	27,000	23,000
Black	176,000	31,000	28,000	31,000	23,000	28,000	20,000	8,000	7,000
Hispanic	149,000	22,000	25,000	25,000	22,000	23,000	16,000	8,000	7,000
White	2,156,000	258,000	333,000	352,000	287,000	293,000	261,000	208,000	164,000
Other	63,000	14,000	16,000	7,000	10,000	6,000	4,000	3,000	4,000
Health-related occupations	1,865,000	275,000	302,000	307,000	230,000	245,000	232,000	156,000	118,000
American Indian/Alaska Native	10,000	2,000	S	S	S	S	S	S	S
Asian	179,000	24,000	18,000	26,000	23,000	21,000	30,000	22,000	15,000
Black	133,000	26,000	21,000	23,000	16,000	22,000	16,000	5,000	4,000
Hispanic	90,000	16,000	15,000	13,000	13,000	14,000	10,000	5,000	5,000
White	1,406,000	196,000	234,000	239,000	170,000	184,000	172,000	121,000	91,000
Other	46,000	11,000	13,000	5,000	6,000	4,000	3,000	S	S
S&E managers	199,000	7,000	20,000	25,000	39,000	40,000	29,000	21,000	19,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	12,000	S	S	2,000	3,000	1,000	2,000	S	S
Black	11,000	S	3,000	S	3,000	1,000	S	S	S
Hispanic	8,000	1,000	1,000	3,000	2,000	S	S	S	S
White	165,000	5,000	14,000	20,000	30,000	36,000	26,000	18,000	17,000
Other	2,000	S	S	S	S	S	S	S	S
S&E precollege teachers	283,000	38,000	51,000	44,000	40,000	24,000	30,000	30,000	28,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	7,000	2,000	2,000	S	S	S	S	S	S
Black	17,000	3,000	3,000	5,000	S	S	S	S	2,000
Hispanic	20,000	3,000	4,000	2,000	4,000	2,000	2,000	S	S
White	234,000	29,000	40,000	34,000	34,000	19,000	25,000	27,000	25,000
Other	4,000	*	S	S	S	S	S	S	S
S&E technicians/technologists	306,000	37,000	44,000	44,000	46,000	52,000	32,000	30,000	20,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	37,000	6,000	7,000	5,000	4,000	5,000	3,000	3,000	4,000
Black	10,000	2,000	S	2,000	2,000	2,000	S	S	S
Hispanic	21,000	3,000	2,000	4,000	3,000	4,000	2,000	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	227,000	25,000	33,000	32,000	34,000	39,000	25,000	26,000	14,000
Other	10,000	2,000	S	S	3,000	S	S	S	S
Other S&E-related occupations	156,000	3,000	17,000	34,000	24,000	20,000	19,000	18,000	21,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	15,000	1,000	3,000	2,000	S	1,000	3,000	S	2,000
Black	5,000	S	S	S	S	S	S	S	S
Hispanic	10,000	S	S	2,000	S	2,000	S	S	S
White	123,000	2,000	12,000	28,000	20,000	15,000	13,000	15,000	18,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	5,165,000	779,000	665,000	744,000	603,000	635,000	602,000	585,000	551,000
American Indian/Alaska Native	24,000	3,000	3,000	8,000	S	2,000	S	S	S
Asian	380,000	83,000	41,000	50,000	43,000	46,000	40,000	37,000	42,000
Black	346,000	68,000	56,000	49,000	48,000	39,000	38,000	34,000	14,000
Hispanic	333,000	74,000	64,000	54,000	37,000	39,000	33,000	20,000	12,000
White	3,979,000	525,000	486,000	562,000	462,000	500,000	483,000	484,000	477,000
Other	103,000	26,000	16,000	20,000	11,000	9,000	7,000	9,000	5,000
Art/humanities/related occupations	165,000	18,000	22,000	24,000	24,000	20,000	19,000	22,000	15,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	2,000	S	S	S	S	S	S	S
Black	7,000	1,000	2,000	4,000	S	S	S	S	S
Hispanic	12,000	2,000	S	S	S	S	S	S	S
White	139,000	13,000	19,000	16,000	20,000	19,000	19,000	20,000	15,000
Other	1,000	S	S	S	S	S	S	S	S
Management-related occupations	816,000	110,000	119,000	136,000	101,000	94,000	98,000	88,000	69,000
American Indian/Alaska Native	4,000	*	S	S	S	S	S	S	S
Asian	80,000	23,000	11,000	14,000	7,000	10,000	7,000	4,000	5,000
Black	60,000	8,000	10,000	10,000	9,000	7,000	7,000	5,000	2,000
Hispanic	49,000	9,000	11,000	8,000	4,000	6,000	4,000	5,000	2,000
White	606,000	65,000	85,000	101,000	79,000	68,000	78,000	71,000	60,000
Other	17,000	4,000	3,000	S	S	S	S	S	S
Non-S&E managers	528,000	19,000	24,000	69,000	86,000	104,000	75,000	76,000	76,000
American Indian/Alaska Native	4,000	S	S	S	S	S	S	S	S
Asian	27,000	S	S	6,000	3,000	4,000	3,000	5,000	3,000
Black	23,000	2,000	2,000	S	4,000	5,000	2,000	4,000	S
Hispanic	24,000	2,000	S	4,000	4,000	6,000	2,000	3,000	S
White	445,000	14,000	19,000	55,000	70,000	88,000	67,000	64,000	69,000
Other	5,000	S	S	S	S	S	S	S	S
Non-S&E postsecondary teachers	29,000	9,000	5,000	S	3,000	S	5,000	S	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	3,000	1,000	S	S	S	S	S	S	S
White	22,000	6,000	4,000	S	S	S	3,000	S	1,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	360,000	66,000	43,000	46,000	54,000	50,000	43,000	29,000	29,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	15,000	2,000	S	4,000	S	S	S	S	S
Black	32,000	7,000	2,000	4,000	6,000	S	4,000	4,000	2,000
Hispanic	38,000	6,000	8,000	5,000	6,000	5,000	5,000	S	S
White	266,000	49,000	29,000	29,000	38,000	40,000	34,000	22,000	24,000
Other	8,000	1,000	S	S	S	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Sales/marketing occupations	1,080,000	131,000	148,000	169,000	109,000	132,000	106,000	140,000	146,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	77,000	12,000	14,000	8,000	9,000	11,000	7,000	8,000	8,000
Black	42,000	10,000	3,000	6,000	4,000	6,000	5,000	6,000	3,000
Hispanic	54,000	12,000	11,000	11,000	5,000	4,000	3,000	3,000	4,000
White	884,000	93,000	115,000	138,000	88,000	107,000	91,000	122,000	130,000
Other	21,000	4,000	4,000	5,000	S	3,000	S	S	S
Social services/related occupations	271,000	79,000	56,000	43,000	21,000	24,000	21,000	19,000	8,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	9,000	5,000	S	S	S	S	S	S	S
Black	41,000	11,000	11,000	5,000	5,000	4,000	3,000	2,000	S
Hispanic	29,000	10,000	5,000	5,000	1,000	S	2,000	S	S
White	186,000	50,000	39,000	30,000	15,000	16,000	15,000	14,000	7,000
Other	5,000	2,000	S	S	S	S	S	S	S
Other non-S&E occupations	1,915,000	347,000	248,000	256,000	204,000	210,000	236,000	208,000	206,000
American Indian/Alaska Native	11,000	2,000	S	5,000	S	S	S	S	S
Asian	166,000	36,000	12,000	16,000	19,000	19,000	21,000	18,000	25,000
Black	138,000	29,000	26,000	16,000	20,000	14,000	17,000	11,000	4,000
Hispanic	124,000	31,000	24,000	19,000	13,000	14,000	15,000	5,000	3,000
White	1,432,000	235,000	177,000	192,000	149,000	161,000	176,000	169,000	172,000
Other	44,000	14,000	7,000	7,000	3,000	2,000	5,000	4,000	2,000
Master's degrees, all occupations	5,384,000	1,073,000	1,019,000	885,000	678,000	600,000	505,000	372,000	252,000
American Indian/Alaska Native	20,000	6,000	3,000	3,000	3,000	2,000	S	S	S
Asian	627,000	189,000	132,000	106,000	71,000	51,000	36,000	26,000	16,000
Black	326,000	80,000	73,000	61,000	36,000	29,000	28,000	13,000	6,000
Hispanic	254,000	76,000	57,000	39,000	32,000	21,000	16,000	9,000	3,000
White	4,078,000	696,000	738,000	663,000	529,000	490,000	418,000	320,000	223,000
Other	79,000	26,000	16,000	13,000	7,000	7,000	5,000	3,000	3,000
S&E occupations	1,497,000	323,000	286,000	260,000	206,000	161,000	112,000	93,000	55,000
American Indian/Alaska Native	4,000	*	1,000	S	S	S	S	S	S
Asian	349,000	112,000	81,000	64,000	42,000	21,000	12,000	11,000	5,000
Black	53,000	15,000	12,000	11,000	7,000	3,000	3,000	1,000	S
Hispanic	54,000	14,000	13,000	11,000	6,000	2,000	3,000	2,000	2,000
White	1,014,000	172,000	175,000	168,000	148,000	133,000	93,000	77,000	47,000
Other	23,000	9,000	5,000	4,000	2,000	2,000	1,000	1,000	1,000
Scientists	1,023,000	214,000	198,000	186,000	148,000	110,000	76,000	61,000	30,000
American Indian/Alaska Native	4,000	*	1,000	S	S	S	S	S	S
Asian	248,000	77,000	60,000	50,000	32,000	15,000	7,000	5,000	2,000
Black	40,000	11,000	10,000	7,000	6,000	2,000	3,000	1,000	S
Hispanic	33,000	8,000	8,000	6,000	5,000	2,000	2,000	1,000	1,000
White	681,000	112,000	117,000	119,000	102,000	90,000	63,000	52,000	27,000
Other	17,000	6,000	3,000	3,000	S	2,000	1,000	1,000	S
Biological/agricultural/other life scientists	113,000	30,000	22,000	15,000	13,000	15,000	9,000	7,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	18,000	7,000	3,000	4,000	1,000	1,000	S	1,000	S
Black	2,000	1,000	S	S	S	S	S	S	S
Hispanic	4,000	1,000	1,000	S	S	S	S	S	S
White	86,000	19,000	16,000	11,000	11,000	13,000	8,000	6,000	2,000
Other	2,000	1,000	S	S	S	S	S	S	S
Agricultural/food scientists	15,000	3,000	3,000	S	2,000	3,000	S	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	S	S	S	S	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	S	S	S	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	12,000	2,000	2,000	S	2,000	2,000	S	1,000	S
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	76,000	22,000	15,000	11,000	9,000	9,000	5,000	3,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	15,000	6,000	2,000	4,000	1,000	1,000	S	1,000	S
Black	1,000	1,000	S	S	S	S	S	S	S
Hispanic	3,000	1,000	1,000	S	S	S	S	S	S
White	54,000	13,000	10,000	7,000	8,000	8,000	4,000	3,000	S
Other	2,000	1,000	S	S	S	S	S	S	S
Environmental life scientists	11,000	2,000	2,000	S	S	2,000	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	10,000	1,000	2,000	S	S	2,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	11,000	3,000	2,000	2,000	1,000	S	1,000	S	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	10,000	3,000	2,000	S	1,000	S	S	S	1,000
Other	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	627,000	118,000	128,000	129,000	102,000	65,000	42,000	31,000	13,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	207,000	58,000	52,000	44,000	29,000	13,000	6,000	4,000	S
Black	29,000	6,000	7,000	5,000	6,000	1,000	2,000	1,000	S
Hispanic	16,000	4,000	5,000	3,000	2,000	S	1,000	S	S
White	363,000	46,000	62,000	74,000	63,000	49,000	33,000	25,000	11,000
Other	10,000	3,000	2,000	2,000	S	S	S	S	S
Computer/information scientists	546,000	100,000	115,000	115,000	92,000	57,000	35,000	25,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	195,000	53,000	50,000	43,000	28,000	12,000	5,000	4,000	S
Black	24,000	6,000	6,000	4,000	5,000	1,000	1,000	1,000	S
Hispanic	14,000	3,000	4,000	3,000	2,000	S	1,000	S	S
White	303,000	35,000	53,000	63,000	56,000	44,000	27,000	19,000	7,000
Other	10,000	3,000	2,000	2,000	S	S	S	S	S
Mathematical scientists	39,000	10,000	7,000	7,000	5,000	4,000	3,000	3,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	3,000	1,000	S	1,000	S	S	S	S
Black	2,000	*	S	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	28,000	6,000	5,000	5,000	3,000	3,000	3,000	2,000	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	42,000	9,000	6,000	8,000	5,000	3,000	4,000	4,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	2,000	S	1,000	S	S	S	S	S
Black	4,000	*	S	S	S	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	2,000	*	S	S	S	S	S	S	S
White	31,000	6,000	4,000	5,000	4,000	2,000	2,000	4,000	4,000
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	84,000	18,000	13,000	10,000	12,000	10,000	8,000	8,000	6,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	12,000	5,000	2,000	2,000	S	S	1,000	S	1,000
Black	2,000	1,000	S	S	S	S	S	S	S
Hispanic	3,000	1,000	1,000	S	S	S	S	S	S
White	66,000	10,000	11,000	7,000	10,000	9,000	6,000	7,000	5,000
Other	1,000	1,000	S	S	S	S	S	S	S
Chemists, except biochemists	26,000	6,000	4,000	5,000	3,000	3,000	2,000	3,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	2,000	1,000	2,000	S	S	S	S	*
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	16,000	2,000	2,000	3,000	2,000	2,000	2,000	2,000	1,000
Other	S	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	30,000	4,000	5,000	3,000	4,000	4,000	4,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	*	*	S	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	27,000	3,000	5,000	3,000	4,000	4,000	4,000	2,000	2,000
Other	1,000	S	S	S	S	S	S	S	S
Physicists/astronomers	7,000	3,000	1,000	1,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	5,000	2,000	1,000	1,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	11,000	2,000	2,000	S	2,000	2,000	S	1,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	10,000	2,000	2,000	S	2,000	1,000	S	1,000	2,000
Other	S	S	S	S	S	S	S	S	S
Other physical/related scientists	10,000	2,000	1,000	1,000	3,000	1,000	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S	S
White	9,000	2,000	1,000	S	3,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	200,000	49,000	36,000	32,000	21,000	21,000	17,000	16,000	9,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	12,000	6,000	3,000	S	1,000	S	S	S	S
Black	7,000	2,000	2,000	1,000	S	S	S	S	S
Hispanic	10,000	3,000	1,000	2,000	1,000	S	S	S	S
White	166,000	36,000	28,000	27,000	18,000	19,000	16,000	15,000	8,000

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	4,000	2,000	S	S	S	S	S	S	S
Economists	17,000	2,000	3,000	5,000	S	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	14,000	1,000	1,000	5,000	S	2,000	S	1,000	1,000
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	8,000	2,000	1,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	7,000	2,000	1,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	36,000	12,000	7,000	5,000	3,000	2,000	3,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	2,000	S	S	S	S	S	S	S
Black	2,000	*	S	S	S	S	S	S	S
Hispanic	2,000	1,000	S	S	S	S	S	S	S
White	26,000	8,000	6,000	4,000	2,000	S	3,000	2,000	1,000
Other	1,000	S	S	S	S	S	S	S	S
Psychologists	87,000	20,000	13,000	13,000	10,000	10,000	10,000	8,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	S	S	S	S	S	S	S	S
Black	3,000	1,000	S	1,000	S	S	S	S	S
Hispanic	4,000	1,000	*	S	1,000	S	S	S	S
White	76,000	15,000	12,000	12,000	9,000	9,000	9,000	8,000	3,000
Other	1,000	S	S	S	S	S	S	S	S
Sociologists/anthropologists	9,000	3,000	2,000	S	S	1,000	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	7,000	2,000	1,000	S	S	1,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other social/related scientists	43,000	10,000	9,000	6,000	4,000	4,000	3,000	3,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	1,000	S	S	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	2,000	*	S	S	S	S	S	S	S
White	36,000	8,000	7,000	5,000	3,000	4,000	3,000	3,000	S
Other	S	S	S	S	S	S	S	S	S
Engineers	474,000	109,000	88,000	74,000	59,000	52,000	36,000	32,000	25,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	101,000	36,000	21,000	14,000	10,000	7,000	5,000	5,000	3,000
Black	13,000	4,000	2,000	4,000	S	S	1,000	S	S
Hispanic	21,000	6,000	5,000	5,000	1,000	1,000	S	1,000	S
White	333,000	61,000	58,000	50,000	46,000	43,000	30,000	25,000	21,000
Other	6,000	2,000	1,000	1,000	1,000	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Aerospace/aeronautical/astronautical engineers	32,000	7,000	5,000	6,000	5,000	4,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	S	S	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	2,000	*	S	S	S	S	S	S	S
White	27,000	5,000	4,000	4,000	4,000	3,000	3,000	1,000	2,000
Other	*	S	S	S	S	S	S	S	S
Chemical engineers	21,000	5,000	2,000	3,000	4,000	2,000	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	1,000	1,000	S	S	S	S	1,000	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	1,000	1,000	S	S	S	S	S	S	S
White	14,000	2,000	1,000	3,000	3,000	1,000	1,000	1,000	1,000
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	75,000	14,000	14,000	13,000	7,000	8,000	7,000	6,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	14,000	5,000	2,000	2,000	1,000	1,000	1,000	1,000	2,000
Black	2,000	1,000	S	1,000	S	S	S	S	S
Hispanic	4,000	1,000	1,000	1,000	S	S	S	S	S
White	55,000	8,000	11,000	9,000	6,000	7,000	5,000	5,000	3,000
Other	1,000	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	128,000	28,000	25,000	20,000	17,000	17,000	9,000	7,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	43,000	13,000	10,000	6,000	6,000	4,000	2,000	1,000	S
Black	4,000	2,000	1,000	1,000	S	S	S	S	S
Hispanic	5,000	1,000	1,000	2,000	S	S	S	S	S
White	75,000	12,000	12,000	11,000	10,000	13,000	7,000	6,000	4,000
Other	2,000	1,000	S	S	S	S	S	S	S
Industrial engineers	25,000	8,000	5,000	3,000	4,000	1,000	1,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	2,000	1,000	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	2,000	*	1,000	S	S	S	S	S	S
White	18,000	4,000	3,000	2,000	4,000	1,000	1,000	2,000	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	84,000	23,000	17,000	13,000	10,000	7,000	5,000	5,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	16,000	6,000	4,000	2,000	1,000	1,000	1,000	1,000	S
Black	2,000	1,000	S	S	S	S	S	S	S
Hispanic	4,000	1,000	1,000	1,000	S	S	S	S	S
White	61,000	15,000	12,000	9,000	8,000	6,000	4,000	4,000	4,000
Other	1,000	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	9,000	3,000	1,000	S	S	1,000	S	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	7,000	1,000	1,000	S	S	1,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other engineers	99,000	21,000	19,000	15,000	11,000	12,000	9,000	7,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	16,000	6,000	3,000	2,000	1,000	S	S	1,000	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	3,000	1,000	*	1,000	S	S	S	S	S
Hispanic	4,000	1,000	1,000	S	S	S	S	S	S
White	75,000	13,000	13,000	11,000	9,000	10,000	8,000	6,000	5,000
Other	1,000	*	S	S	S	S	S	S	S
S&E-related occupations	1,266,000	285,000	273,000	215,000	144,000	128,000	117,000	66,000	36,000
American Indian/Alaska Native	5,000	2,000	S	S	S	S	S	S	S
Asian	96,000	29,000	18,000	13,000	10,000	12,000	8,000	3,000	3,000
Black	83,000	19,000	21,000	13,000	10,000	7,000	8,000	2,000	S
Hispanic	55,000	19,000	12,000	8,000	8,000	4,000	3,000	S	S
White	1,010,000	209,000	219,000	177,000	115,000	102,000	98,000	59,000	31,000
Other	17,000	8,000	2,000	3,000	S	2,000	S	S	S
Health-related occupations	646,000	164,000	150,000	103,000	77,000	60,000	56,000	23,000	13,000
American Indian/Alaska Native	4,000	2,000	S	S	S	S	S	S	S
Asian	52,000	18,000	7,000	5,000	6,000	7,000	6,000	2,000	3,000
Black	44,000	11,000	11,000	7,000	8,000	3,000	3,000	S	S
Hispanic	26,000	8,000	5,000	4,000	4,000	2,000	S	S	S
White	513,000	123,000	126,000	85,000	58,000	46,000	46,000	20,000	9,000
Other	7,000	2,000	S	S	S	S	S	S	S
S&E managers	152,000	20,000	28,000	31,000	22,000	21,000	18,000	8,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	15,000	3,000	4,000	2,000	3,000	2,000	1,000	S	S
Black	9,000	1,000	3,000	S	S	S	S	S	S
Hispanic	8,000	3,000	2,000	1,000	S	S	S	S	S
White	117,000	11,000	19,000	25,000	17,000	17,000	15,000	8,000	3,000
Other	2,000	S	S	S	S	S	S	S	S
S&E precollege teachers	343,000	85,000	71,000	58,000	30,000	33,000	28,000	26,000	11,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	10,000	2,000	3,000	2,000	S	S	S	S	S
Black	25,000	7,000	6,000	3,000	S	S	3,000	1,000	S
Hispanic	13,000	5,000	2,000	1,000	2,000	S	S	S	S
White	288,000	67,000	60,000	51,000	26,000	27,000	24,000	23,000	9,000
Other	6,000	4,000	S	S	S	S	S	S	S
S&E technicians/technologists	59,000	14,000	12,000	8,000	7,000	6,000	7,000	4,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	13,000	4,000	3,000	3,000	S	S	1,000	S	S
Black	2,000	1,000	1,000	S	S	S	S	S	S
Hispanic	4,000	2,000	1,000	S	S	S	S	S	S
White	39,000	6,000	6,000	5,000	6,000	5,000	5,000	3,000	2,000
Other	1,000	S	S	S	S	S	S	S	S
Other S&E-related occupations	67,000	3,000	12,000	16,000	8,000	8,000	8,000	5,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	1,000	2,000	S	S	S	S	S	S
Black	3,000	S	S	S	S	S	S	S	S
Hispanic	5,000	S	S	S	S	S	S	S	S
White	52,000	1,000	8,000	11,000	7,000	7,000	7,000	5,000	7,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	2,621,000	465,000	460,000	410,000	327,000	311,000	276,000	212,000	160,000
American Indian/Alaska Native	12,000	4,000	2,000	S	2,000	S	S	S	S
Asian	182,000	47,000	33,000	29,000	19,000	18,000	16,000	13,000	8,000
Black	190,000	46,000	40,000	36,000	19,000	19,000	17,000	9,000	3,000
Hispanic	145,000	43,000	32,000	20,000	18,000	14,000	11,000	5,000	S
White	2,055,000	315,000	344,000	317,000	266,000	256,000	228,000	184,000	145,000

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	39,000	9,000	9,000	7,000	4,000	3,000	4,000	1,000	2,000
Art/humanities/related occupations	82,000	16,000	11,000	13,000	10,000	7,000	10,000	6,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	3,000	S	S	S	S	S	S	S
Black	6,000	2,000	S	S	S	S	S	S	S
Hispanic	3,000	1,000	S	S	S	S	S	S	S
White	67,000	9,000	8,000	12,000	10,000	7,000	10,000	4,000	7,000
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	473,000	88,000	85,000	72,000	59,000	63,000	44,000	29,000	32,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	53,000	16,000	14,000	7,000	4,000	5,000	3,000	4,000	S
Black	31,000	6,000	7,000	7,000	3,000	3,000	2,000	2,000	S
Hispanic	26,000	7,000	7,000	3,000	3,000	4,000	2,000	S	S
White	353,000	56,000	56,000	53,000	46,000	51,000	37,000	23,000	31,000
Other	7,000	2,000	S	S	S	S	S	S	S
Non-S&E managers	480,000	41,000	74,000	72,000	82,000	66,000	66,000	47,000	30,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	29,000	5,000	5,000	4,000	4,000	5,000	2,000	S	S
Black	30,000	2,000	6,000	8,000	S	4,000	4,000	2,000	S
Hispanic	25,000	5,000	5,000	3,000	6,000	3,000	1,000	2,000	S
White	388,000	28,000	57,000	55,000	67,000	55,000	57,000	41,000	28,000
Other	7,000	S	S	S	2,000	S	S	S	S
Non-S&E postsecondary teachers	57,000	16,000	13,000	5,000	5,000	5,000	5,000	7,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	2,000	S	S	S	S	S	S	S
Black	4,000	1,000	S	S	S	S	S	S	S
Hispanic	5,000	3,000	2,000	S	S	S	S	S	S
White	43,000	10,000	10,000	3,000	4,000	4,000	3,000	6,000	2,000
Other	1,000	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	350,000	92,000	62,000	55,000	36,000	32,000	41,000	19,000	13,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	10,000	3,000	S	3,000	S	S	S	S	S
Black	26,000	6,000	6,000	5,000	2,000	4,000	S	S	S
Hispanic	17,000	7,000	5,000	S	S	S	S	S	S
White	291,000	74,000	49,000	44,000	32,000	26,000	35,000	17,000	13,000
Other	4,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	313,000	45,000	52,000	54,000	23,000	39,000	33,000	34,000	32,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	27,000	5,000	6,000	6,000	2,000	4,000	2,000	2,000	S
Black	14,000	5,000	2,000	3,000	S	S	S	S	S
Hispanic	17,000	5,000	2,000	3,000	2,000	S	S	S	S
White	250,000	29,000	41,000	41,000	18,000	34,000	28,000	32,000	28,000
Other	5,000	S	S	S	S	S	S	S	S
Social services/related occupations	410,000	81,000	91,000	72,000	56,000	39,000	33,000	23,000	15,000
American Indian/Alaska Native	2,000	1,000	S	S	S	S	S	S	S
Asian	11,000	4,000	S	3,000	S	S	S	S	S
Black	46,000	13,000	11,000	8,000	6,000	5,000	3,000	S	S
Hispanic	27,000	9,000	7,000	4,000	3,000	2,000	2,000	1,000	S
White	317,000	52,000	70,000	57,000	46,000	31,000	28,000	20,000	14,000
Other	8,000	3,000	2,000	S	S	S	S	S	S
Other non-S&E occupations	456,000	85,000	71,000	67,000	55,000	59,000	44,000	46,000	27,000

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	43,000	10,000	5,000	5,000	6,000	3,000	8,000	3,000	4,000
Black	33,000	11,000	6,000	5,000	3,000	S	2,000	S	S
Hispanic	25,000	6,000	4,000	5,000	3,000	4,000	S	S	S
White	346,000	56,000	53,000	52,000	43,000	49,000	30,000	40,000	22,000
Other	7,000	2,000	S	S	S	S	S	S	S
Doctorate degrees, all occupations	883,000	141,000	154,000	147,000	117,000	105,000	86,000	74,000	59,000
American Indian/Alaska Native	2,000	1,000	*	*	*	*	S	S	S
Asian	152,000	30,000	35,000	34,000	21,000	12,000	8,000	7,000	5,000
Black	30,000	6,000	6,000	6,000	3,000	3,000	3,000	2,000	*
Hispanic	32,000	7,000	6,000	5,000	5,000	3,000	3,000	2,000	1,000
White	657,000	94,000	105,000	99,000	86,000	86,000	70,000	63,000	53,000
Other	10,000	3,000	2,000	1,000	1,000	1,000	1,000	1,000	*
S&E occupations	566,000	98,000	107,000	95,000	73,000	61,000	51,000	43,000	37,000
American Indian/Alaska Native	2,000	1,000	*	*	*	*	S	S	S
Asian	115,000	26,000	28,000	25,000	15,000	8,000	5,000	5,000	3,000
Black	16,000	4,000	3,000	4,000	2,000	2,000	1,000	1,000	*
Hispanic	17,000	4,000	4,000	3,000	2,000	1,000	1,000	1,000	1,000
White	411,000	63,000	70,000	61,000	54,000	50,000	44,000	37,000	33,000
Other	6,000	1,000	1,000	1,000	1,000	1,000	*	*	*
Scientists	467,000	81,000	88,000	78,000	61,000	52,000	44,000	35,000	29,000
American Indian/Alaska Native	1,000	1,000	*	*	*	S	S	S	S
Asian	82,000	18,000	22,000	18,000	11,000	5,000	4,000	3,000	2,000
Black	14,000	3,000	3,000	3,000	1,000	2,000	1,000	1,000	*
Hispanic	15,000	3,000	3,000	3,000	2,000	1,000	1,000	1,000	1,000
White	350,000	54,000	58,000	52,000	46,000	44,000	39,000	31,000	26,000
Other	5,000	1,000	1,000	1,000	1,000	*	*	*	*
Biological/agricultural/other life scientists	154,000	29,000	29,000	28,000	20,000	17,000	12,000	10,000	7,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	35,000	8,000	9,000	8,000	5,000	3,000	2,000	1,000	*
Black	4,000	1,000	1,000	2,000	*	*	*	*	S
Hispanic	5,000	1,000	1,000	1,000	1,000	*	*	*	S
White	107,000	18,000	18,000	17,000	14,000	14,000	10,000	9,000	7,000
Other	2,000	*	*	*	*	*	*	S	S
Agricultural/food scientists	10,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	*	*	*	*	S	S	*	S
Black	*	*	S	S	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S	S
White	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	107,000	25,000	22,000	20,000	14,000	12,000	8,000	5,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	30,000	7,000	8,000	7,000	4,000	2,000	1,000	1,000	*
Black	2,000	1,000	*	1,000	*	S	S	*	S
Hispanic	4,000	1,000	1,000	1,000	1,000	S	*	S	S
White	70,000	15,000	12,000	11,000	9,000	9,000	6,000	4,000	3,000
Other	1,000	*	*	*	*	S	S	S	S
Environmental life scientists	2,000	*	*	*	*	*	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	*	*	*	*	*	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	34,000	3,000	5,000	7,000	5,000	4,000	3,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	S	*	1,000	1,000	*	*	*	*
Black	1,000	S	*	1,000	S	*	*	*	S
Hispanic	1,000	*	*	*	*	*	S	S	S
White	28,000	2,000	4,000	5,000	4,000	3,000	3,000	4,000	3,000
Other	1,000	S	S	S	S	S	S	S	S
Computer/mathematical scientists	83,000	14,000	18,000	15,000	11,000	8,000	8,000	6,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	23,000	5,000	7,000	6,000	3,000	1,000	*	1,000	*
Black	2,000	*	*	1,000	*	*	S	*	S
Hispanic	2,000	*	*	*	*	*	*	*	S
White	55,000	8,000	10,000	8,000	7,000	6,000	7,000	5,000	4,000
Other	1,000	*	*	*	S	S	S	S	S
Computer/information scientists	41,000	5,000	9,000	9,000	5,000	4,000	4,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	14,000	2,000	5,000	4,000	2,000	1,000	*	*	S
Black	1,000	*	*	S	S	S	S	S	S
Hispanic	1,000	*	*	*	S	S	S	S	S
White	25,000	2,000	4,000	4,000	3,000	3,000	4,000	2,000	1,000
Other	*	S	S	S	S	S	S	S	S
Mathematical scientists	12,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	1,000	1,000	*	S	S	S	S
Black	*	S	*	S	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S	S
White	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Other	*	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	30,000	6,000	6,000	4,000	4,000	3,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	1,000	1,000	1,000	1,000	1,000	S	*	*
Black	1,000	*	*	*	S	S	S	S	S
Hispanic	1,000	*	*	*	*	*	S	S	S
White	23,000	4,000	4,000	3,000	3,000	2,000	3,000	2,000	2,000
Other	*	S	S	S	S	S	S	S	S
Physical/related scientists	89,000	14,000	15,000	14,000	10,000	10,000	9,000	7,000	9,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	17,000	4,000	4,000	3,000	2,000	1,000	1,000	1,000	1,000
Black	2,000	*	*	*	*	*	*	S	S
Hispanic	2,000	1,000	*	*	*	*	*	*	*
White	67,000	8,000	11,000	11,000	8,000	8,000	7,000	6,000	8,000
Other	1,000	*	*	*	S	S	*	S	S
Chemists, except biochemists	28,000	5,000	5,000	5,000	3,000	3,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	2,000	2,000	2,000	1,000	*	*	*	*
Black	*	*	*	S	S	S	S	S	S
Hispanic	1,000	*	*	*	*	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	19,000	3,000	3,000	3,000	2,000	3,000	2,000	2,000	2,000
Other	*	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	11,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	*	*	*	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S	S
White	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Other	*	S	S	S	S	S	S	S	S
Physicists/astronomers	16,000	3,000	2,000	2,000	2,000	1,000	1,000	1,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	1,000	*	1,000	*	S	S	S
Black	*	*	S	S	S	S	S	S	S
Hispanic	*	*	S	*	S	S	S	S	S
White	12,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	2,000
Other	*	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	31,000	3,000	6,000	5,000	4,000	4,000	3,000	3,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	*	1,000	*	*	*	*	*	1,000
Black	1,000	*	*	*	*	S	S	S	S
Hispanic	1,000	*	*	*	*	*	S	S	*
White	26,000	2,000	5,000	4,000	4,000	3,000	2,000	2,000	4,000
Other	1,000	*	S	S	S	S	S	S	S
Other physical/related scientists	3,000	1,000	1,000	*	*	*	*	S	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	*	*	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	1,000	*	*	*	*	*	S	*
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	142,000	24,000	25,000	20,000	20,000	17,000	16,000	12,000	8,000
American Indian/Alaska Native	1,000	S	*	S	S	S	S	S	S
Asian	7,000	2,000	2,000	2,000	1,000	*	*	*	*
Black	7,000	2,000	1,000	1,000	1,000	1,000	1,000	*	S
Hispanic	5,000	1,000	1,000	1,000	1,000	*	*	*	S
White	120,000	19,000	20,000	16,000	16,000	15,000	15,000	11,000	7,000
Other	2,000	*	1,000	*	*	*	S	*	S
Economists	8,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	*	*	*	*	S	S	S	S
Black	*	S	*	S	S	S	S	S	S
Hispanic	*	*	S	S	S	*	S	S	S
White	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	*
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	2,000	1,000	*	*	S	S	*	S	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	*	S	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	1,000	*	*	*	S	S	*	S	*
Other	S	S	S	S	S	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Postsecondary teachers-social/ related sciences	63,000	11,000	12,000	8,000	9,000	6,000	7,000	6,000	4,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	4,000	1,000	1,000	1,000	1,000	*	*	S	S
Black	4,000	1,000	1,000	1,000	1,000	*	*	*	S
Hispanic	2,000	1,000	1,000	*	*	*	S	S	S
White	52,000	9,000	9,000	6,000	7,000	5,000	6,000	6,000	3,000
Other	1,000	*	*	*	*	S	S	S	S
Psychologists	56,000	9,000	9,000	9,000	8,000	8,000	7,000	4,000	3,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	1,000	*	*	*	*	*	*	S	S
Black	2,000	*	*	*	*	*	*	S	S
Hispanic	2,000	*	*	*	*	*	*	S	S
White	50,000	7,000	8,000	8,000	7,000	8,000	6,000	4,000	3,000
Other	1,000	*	*	S	S	S	S	S	S
Sociologists/anthropologists	4,000	1,000	1,000	1,000	1,000	1,000	*	*	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	*	S	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	4,000	1,000	1,000	*	1,000	1,000	*	*	*
Other	*	S	S	S	S	S	S	S	S
Other social/related scientists	8,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	*	*	*	S	S	S	S	S
Black	1,000	*	*	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	6,000	1,000	1,000	1,000	1,000	1,000	1,000	*	*
Other	*	S	S	S	S	S	S	S	S
Engineers	99,000	17,000	20,000	17,000	12,000	9,000	7,000	8,000	8,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	32,000	8,000	7,000	7,000	4,000	2,000	2,000	2,000	1,000
Black	2,000	*	1,000	*	*	*	*	*	S
Hispanic	3,000	1,000	1,000	*	*	*	*	*	S
White	61,000	8,000	12,000	9,000	8,000	6,000	5,000	6,000	7,000
Other	1,000	*	*	*	S	S	S	S	S
Aerospace/aeronautical/astronautical engineers	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	*	S	*	*	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	5,000	*	1,000	1,000	1,000	*	*	*	1,000
Other	S	S	S	S	S	S	S	S	S
Chemical engineers	9,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	1,000	1,000	1,000	S	S	*	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	5,000	1,000	1,000	1,000	1,000	1,000	*	1,000	1,000
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	5,000	1,000	1,000	1,000	1,000	*	*	*	1,000

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	*	*	*	*	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	S	*	S	S	S	S	S	S
White	3,000	*	1,000	*	*	*	S	*	*
Other	S	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	24,000	5,000	6,000	5,000	3,000	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	10,000	2,000	3,000	2,000	1,000	1,000	*	*	S
Black	*	S	*	S	S	S	S	S	S
Hispanic	*	*	*	*	S	S	S	S	S
White	13,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Other	*	S	S	S	S	S	S	S	S
Industrial engineers	2,000	*	1,000	*	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	S	S	*	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	9,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	1,000	1,000	1,000	1,000	*	*	*	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	5,000	1,000	1,000	1,000	*	*	*	*	1,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	21,000	3,000	4,000	3,000	3,000	3,000	2,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	1,000	1,000	1,000	*	1,000	*	1,000	*
Black	1,000	*	*	*	*	S	S	*	S
Hispanic	1,000	*	*	*	S	S	*	S	S
White	15,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,000
Other	*	S	S	S	S	S	S	S	S
Other engineers	22,000	4,000	4,000	4,000	2,000	2,000	2,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	2,000	1,000	2,000	1,000	1,000	*	*	*
Black	*	*	*	S	S	S	S	S	S
Hispanic	1,000	*	*	*	S	S	S	S	S
White	14,000	2,000	3,000	2,000	2,000	1,000	1,000	2,000	1,000
Other	*	S	S	S	S	S	S	S	S
S&E-related occupations	97,000	13,000	13,000	17,000	15,000	14,000	11,000	8,000	6,000
American Indian/Alaska Native	*	S	S	*	S	S	S	S	S
Asian	14,000	2,000	2,000	3,000	2,000	1,000	1,000	1,000	1,000
Black	3,000	1,000	1,000	1,000	*	1,000	*	*	S
Hispanic	4,000	*	1,000	1,000	1,000	*	1,000	*	S
White	74,000	9,000	9,000	13,000	12,000	12,000	8,000	7,000	5,000
Other	2,000	1,000	*	*	*	*	S	S	S
Health-related occupations	53,000	10,000	8,000	8,000	7,000	7,000	6,000	5,000	4,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	7,000	1,000	1,000	1,000	1,000	1,000	*	1,000	1,000
Black	2,000	*	*	1,000	*	*	S	*	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	3,000	*	1,000	*	*	*	1,000	*	S
White	40,000	8,000	5,000	6,000	6,000	6,000	4,000	4,000	3,000
Other	*	*	*	S	S	S	S	S	S
S&E managers	27,000	2,000	3,000	5,000	5,000	4,000	3,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	*	1,000	1,000	1,000	*	*	*	S
Black	1,000	S	*	*	S	*	*	S	S
Hispanic	1,000	*	*	*	*	S	S	S	S
White	20,000	1,000	2,000	3,000	4,000	4,000	3,000	2,000	2,000
Other	1,000	S	S	*	S	S	S	S	S
S&E precollege teachers	12,000	1,000	1,000	4,000	2,000	2,000	1,000	*	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	*	S	S	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	11,000	*	1,000	3,000	2,000	2,000	1,000	*	*
Other	S	S	S	S	S	S	S	S	S
S&E technicians/technologists	4,000	1,000	1,000	1,000	1,000	1,000	*	*	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	*	*	*	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	2,000	*	*	*	1,000	S	S	*	S
Other	S	S	S	S	S	S	S	S	S
Other S&E-related occupations	1,000	S	*	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	*	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	220,000	30,000	34,000	34,000	29,000	30,000	24,000	23,000	17,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	24,000	3,000	4,000	5,000	5,000	3,000	2,000	1,000	1,000
Black	11,000	2,000	2,000	2,000	1,000	1,000	2,000	1,000	*
Hispanic	10,000	3,000	2,000	1,000	2,000	1,000	1,000	1,000	*
White	172,000	23,000	26,000	25,000	21,000	24,000	18,000	20,000	15,000
Other	2,000	1,000	*	*	*	*	*	*	S
Art/humanities/related occupations	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	*	S	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	7,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	42,000	6,000	9,000	6,000	6,000	6,000	4,000	2,000	4,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	6,000	1,000	2,000	1,000	1,000	*	*	S	S
Black	2,000	*	*	*	*	S	1,000	*	S
Hispanic	1,000	*	*	*	1,000	S	S	S	S
White	33,000	4,000	7,000	4,000	4,000	5,000	3,000	2,000	3,000
Other	*	S	S	S	S	S	S	S	S

TABLE 20. Employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006

Highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E managers	67,000	4,000	8,000	10,000	10,000	12,000	9,000	9,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	S	1,000	2,000	1,000	1,000	1,000	1,000	*
Black	3,000	*	*	*	*	*	1,000	*	S
Hispanic	2,000	*	*	*	1,000	*	*	*	S
White	56,000	4,000	7,000	8,000	7,000	10,000	8,000	8,000	5,000
Other	1,000	S	S	S	*	S	S	S	S
Non-S&E postsecondary teachers	47,000	11,000	9,000	7,000	4,000	5,000	5,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	1,000	1,000	1,000	1,000	*	S	S	S
Black	2,000	*	*	*	*	S	*	*	S
Hispanic	3,000	1,000	1,000	*	*	*	*	S	S
White	38,000	9,000	7,000	6,000	3,000	4,000	4,000	3,000	2,000
Other	1,000	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	6,000	2,000	1,000	*	1,000	*	S	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S	S
White	4,000	1,000	1,000	S	1,000	*	S	S	S
Other	S	S	S	S	S	S	S	S	S
Sales/marketing occupations	16,000	1,000	1,000	2,000	3,000	2,000	2,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	*	*	1,000	1,000	1,000	*	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S	S
White	11,000	*	1,000	1,000	1,000	1,000	1,000	2,000	2,000
Other	*	S	S	S	S	S	S	S	S
Social services/related occupations	14,000	3,000	2,000	4,000	2,000	1,000	1,000	1,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	*	*	S	S	S	S	S	S
Black	2,000	*	S	1,000	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S	S
White	10,000	3,000	1,000	3,000	1,000	*	*	1,000	*
Other	*	S	S	S	S	S	S	S	S
Other non-S&E occupations	20,000	2,000	2,000	4,000	2,000	3,000	3,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	*	*	1,000	*	*	1,000	S	S
Black	1,000	S	*	*	S	S	S	S	S
Hispanic	2,000	S	*	*	S	S	S	S	S
White	14,000	1,000	2,000	3,000	2,000	3,000	2,000	2,000	1,000
Other	*	S	S	S	S	S	S	S	S

* = estimate < 500; S = 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 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/occ03maj.html for a detailed description of the occupational classification. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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[a]	60,000	68,000	72,000	50,000	50,000	45,000	48,000	44,000	60,000	75,000	53,000
Male	74,000	80,000	81,000	69,000	65,000	50,000	55,000	50,000	65,000	78,000	60,000
Female	48,000	50,000	52,000	34,000	46,000	42,000	45,000	42,000	53,000	68,000	49,000
S&E fields	59,000	65,000	70,000	40,000	40,000	40,000	42,000	38,000	57,000	72,000	50,000
Male	70,000	75,000	78,000	50,000	55,000	49,000	51,000	43,000	63,000	75,000	55,000
Female	41,000	44,000	49,000	31,000	35,000	35,000	36,000	35,000	48,000	64,000	42,000
Sciences	50,000	55,000	60,000	40,000	40,000	40,000	42,000	38,000	52,000	68,000	47,000
Male	62,000	70,000	72,000	49,000	52,000	48,000	50,000	44,000	59,000	70,000	52,000
Female	40,000	40,000	45,000	30,000	35,000	35,000	36,000	35,000	47,000	62,000	42,000
Biological/agricultural/environmental life sciences	49,000	50,000	53,000	30,000	44,000	41,000	42,000	40,000	52,000	64,000	47,000
Male	55,000	60,000	62,000	38,000	50,000	50,000	50,000	48,000	56,000	65,000	50,000
Female	40,000	43,000	46,000	20,000	41,000	36,000	36,000	34,000	46,000	59,000	42,000
Agricultural/food sciences	43,000	42,000	47,000	29,000	35,000	42,000	43,000	29,000	51,000	67,000	38,000
Male	48,000	47,000	49,000	29,000	45,000	50,000	50,000	46,000	52,000	61,000	39,000
Female	34,000	35,000	40,000	21,000	30,000	29,000	36,000	21,000	43,000	73,000	31,000
Biological sciences	50,000	51,000	56,000	34,000	45,000	42,000	42,000	40,000	51,000	64,000	48,000
Male	60,000	64,000	69,000	58,000	53,000	50,000	51,000	48,000	57,000	66,000	50,000
Female	41,000	45,000	48,000	20,000	43,000	36,000	37,000	35,000	49,000	59,000	45,000
Environmental life sciences	48,000	48,000	50,000	23,000	33,000	37,000	35,000	38,000	54,000	59,000	52,000
Male	54,000	55,000	59,000	20,000	45,000	40,000	40,000	S	55,000	68,000	54,000
Female	40,000	38,000	45,000	S	24,000	34,000	28,000	44,000	43,000	50,000	42,000
Computer/mathematical sciences	69,000	75,000	75,000	45,000	60,000	41,000	48,000	39,000	62,000	71,000	52,000
Male	75,000	79,000	80,000	47,000	72,000	45,000	51,000	40,000	63,000	74,000	53,000
Female	55,000	63,000	65,000	38,000	49,000	37,000	40,000	35,000	59,000	68,000	52,000
Computer/information sciences	72,000	75,000	76,000	46,000	65,000	43,000	49,000	40,000	61,000	70,000	52,000
Male	75,000	80,000	80,000	48,000	76,000	50,000	52,000	43,000	64,000	70,000	52,000
Female	60,000	65,000	68,000	37,000	51,000	37,000	40,000	35,000	57,000	69,000	52,000
Mathematical sciences	60,000	70,000	72,000	43,000	48,000	40,000	48,000	38,000	64,000	73,000	53,000
Male	65,000	75,000	78,000	44,000	59,000	44,000	50,000	40,000	62,000	77,000	51,000
Female	45,000	52,000	59,000	35,000	43,000	36,000	40,000	35,000	64,000	63,000	52,000
Physical/related sciences	61,000	71,000	75,000	39,000	55,000	44,000	45,000	39,000	63,000	81,000	54,000
Male	70,000	78,000	80,000	39,000	97,000	50,000	54,000	45,000	70,000	87,000	60,000
Female	45,000	51,000	57,000	19,000	37,000	37,000	38,000	35,000	48,000	59,000	47,000
Chemistry, except biochemistry	60,000	70,000	72,000	29,000	50,000	40,000	38,000	44,000	66,000	79,000	57,000
Male	70,000	75,000	77,000	39,000	95,000	46,000	49,000	45,000	69,000	93,000	66,000
Female	50,000	57,000	60,000	16,000	38,000	37,000	30,000	40,000	50,000	77,000	40,000
Earth/atmospheric/ocean sciences	59,000	60,000	67,000	39,000	35,000	44,000	50,000	39,000	59,000	80,000	50,000

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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	62,000	65,000	71,000	39,000	115,000	52,000	55,000	48,000	61,000	81,000	50,000
Female	42,000	41,000	54,000	S	13,000	38,000	42,000	33,000	49,000	64,000	48,000
Physics/astronomy	75,000	92,000	95,000	39,000	97,000	46,000	52,000	36,000	92,000	94,000	73,000
Male	81,000	94,000	98,000	40,000	97,000	52,000	57,000	40,000	102,000	101,000	111,000
Female	42,000	55,000	74,000	S	96,000	31,000	41,000	17,000	40,000	45,000	S
Other physical sciences	48,000	49,000	59,000	S	S	44,000	47,000	S	62,000	44,000	S
Male	63,000	71,000	75,000	S	S	60,000	60,000	S	61,000	32,000	S
Female	40,000	39,000	43,000	S	S	42,000	43,000	S	41,000	S	S
Social/related sciences	45,000	46,000	50,000	40,000	35,000	37,000	39,000	36,000	50,000	67,000	45,000
Male	58,000	60,000	64,000	50,000	45,000	45,000	48,000	42,000	56,000	70,000	51,000
Female	38,000	36,000	39,000	32,000	34,000	35,000	35,000	35,000	44,000	61,000	40,000
Economics	62,000	65,000	65,000	53,000	61,000	45,000	49,000	41,000	64,000	80,000	52,000
Male	72,000	74,000	74,000	77,000	74,000	58,000	65,000	49,000	65,000	79,000	51,000
Female	44,000	44,000	44,000	29,000	45,000	37,000	34,000	40,000	60,000	70,000	50,000
Political/related sciences	52,000	54,000	59,000	39,000	39,000	35,000	46,000	34,000	56,000	74,000	52,000
Male	59,000	62,000	69,000	32,000	50,000	43,000	50,000	35,000	59,000	79,000	53,000
Female	42,000	42,000	45,000	39,000	35,000	32,000	32,000	32,000	52,000	59,000	48,000
Psychology	40,000	40,000	42,000	39,000	35,000	38,000	35,000	38,000	45,000	61,000	40,000
Male	50,000	52,000	57,000	49,000	40,000	44,000	39,000	49,000	50,000	57,000	50,000
Female	37,000	36,000	38,000	35,000	34,000	36,000	34,000	37,000	41,000	61,000	38,000
Sociology/anthropology	40,000	37,000	40,000	30,000	32,000	34,000	37,000	29,000	51,000	62,000	49,000
Male	50,000	49,000	49,000	59,000	34,000	40,000	45,000	36,000	53,000	64,000	53,000
Female	35,000	33,000	35,000	16,000	32,000	30,000	36,000	26,000	49,000	61,000	43,000
Other social sciences	42,000	40,000	45,000	49,000	30,000	40,000	45,000	40,000	49,000	64,000	41,000
Male	52,000	51,000	53,000	55,000	32,000	47,000	45,000	48,000	56,000	67,000	48,000
Female	38,000	36,000	38,000	38,000	28,000	40,000	42,000	39,000	41,000	62,000	37,000
Engineering	80,000	81,000	83,000	60,000	71,000	43,000	50,000	40,000	75,000	85,000	67,000
Male	80,000	84,000	85,000	60,000	79,000	50,000	55,000	40,000	76,000	85,000	70,000
Female	65,000	69,000	70,000	49,000	42,000	33,000	29,000	36,000	66,000	81,000	58,000
Aerospace/related engineering	80,000	85,000	87,000	48,000	39,000	41,000	58,000	S	70,000	81,000	S
Male	80,000	87,000	89,000	S	S	45,000	65,000	S	70,000	82,000	S
Female	65,000	71,000	72,000	S	S	29,000	24,000	S	64,000	64,000	S
Chemical engineering	84,000	88,000	90,000	70,000	43,000	41,000	41,000	40,000	77,000	89,000	73,000
Male	90,000	90,000	93,000	71,000	82,000	41,000	42,000	37,000	76,000	83,000	66,000
Female	70,000	74,000	76,000	S	S	39,000	27,000	S	77,000	90,000	74,000
Civil/architectural engineering	75,000	76,000	78,000	59,000	79,000	49,000	63,000	34,000	73,000	84,000	70,000
Male	78,000	80,000	80,000	63,000	80,000	62,000	63,000	S	75,000	85,000	73,000

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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	60,000	60,000	62,000	S	S	31,000	40,000	S	65,000	76,000	64,000
Electrical/computer engineering	85,000	88,000	89,000	57,000	78,000	48,000	50,000	36,000	75,000	83,000	58,000
Male	86,000	89,000	90,000	58,000	79,000	50,000	52,000	38,000	77,000	83,000	59,000
Female	75,000	79,000	80,000	50,000	S	34,000	31,000	S	68,000	75,000	S
Industrial engineering	72,000	75,000	77,000	64,000	48,000	40,000	50,000	S	60,000	74,000	S
Male	74,000	77,000	80,000	63,000	S	40,000	55,000	S	68,000	69,000	S
Female	63,000	68,000	68,000	S	S	37,000	47,000	S	38,000	129,000	S
Mechanical engineering	80,000	80,000	80,000	56,000	77,000	52,000	55,000	36,000	84,000	89,000	67,000
Male	80,000	80,000	80,000	55,000	77,000	57,000	59,000	56,000	84,000	90,000	67,000
Female	64,000	70,000	69,000	S	S	23,000	24,000	S	58,000	60,000	S
Other engineering	75,000	78,000	79,000	59,000	73,000	41,000	40,000	42,000	70,000	80,000	65,000
Male	78,000	80,000	80,000	60,000	74,000	50,000	51,000	41,000	74,000	80,000	67,000
Female	58,000	61,000	63,000	S	46,000	32,000	29,000	S	60,000	77,000	58,000
S&E-related fields	60,000	67,000	70,000	70,000	58,000	50,000	57,000	45,000	60,000	71,000	56,000
Male	84,000	92,000	93,000	91,000	89,000	56,000	72,000	50,000	69,000	77,000	62,000
Female	50,000	52,000	54,000	40,000	52,000	46,000	52,000	43,000	58,000	68,000	51,000
Health	62,000	67,000	72,000	83,000	59,000	50,000	58,000	41,000	60,000	69,000	55,000
Male	100,000	107,000	110,000	118,000	93,000	72,000	80,000	44,000	69,000	75,000	63,000
Female	52,000	53,000	55,000	45,000	52,000	47,000	53,000	40,000	57,000	66,000	51,000
Science/mathematics teacher education	45,000	34,000	38,000	19,000	26,000	48,000	40,000	48,000	47,000	S	46,000
Male	50,000	35,000	40,000	S	S	50,000	39,000	50,000	47,000	S	S
Female	44,000	33,000	36,000	S	S	45,000	39,000	45,000	S	S	S
Technology/technical fields	69,000	69,000	72,000	39,000	52,000	45,000	49,000	43,000	65,000	78,000	51,000
Male	69,000	70,000	73,000	44,000	54,000	48,000	49,000	47,000	64,000	80,000	50,000
Female	59,000	64,000	68,000	S	S	S	S	S	S	S	S
Other S&E-related fields	70,000	70,000	71,000	59,000	54,000	44,000	57,000	S	71,000	S	66,000
Male	74,000	75,000	75,000	67,000	S	58,000	S	S	72,000	S	69,000
Female	50,000	48,000	50,000	S	S	S	S	S	68,000	S	64,000
Non-S&E fields	65,000	75,000	82,000	57,000	50,000	50,000	50,000	49,000	66,000	84,000	60,000
Male	76,000	86,000	90,000	74,000	60,000	52,000	53,000	51,000	74,000	89,000	67,000
Female	51,000	56,000	65,000	34,000	44,000	48,000	48,000	48,000	58,000	78,000	55,000
Arts/humanities	55,000	62,000	72,000	31,000	38,000	49,000	49,000	49,000	55,000	62,000	54,000
Male	64,000	73,000	77,000	50,000	52,000	50,000	50,000	49,000	61,000	62,000	54,000
Female	45,000	43,000	58,000	12,000	S	48,000	46,000	49,000	45,000	S	51,000
Education, except science/mathematics education teacher	50,000	50,000	53,000	24,000	46,000	50,000	47,000	50,000	57,000	71,000	51,000
Male	55,000	59,000	64,000	55,000	46,000	53,000	48,000	54,000	60,000	S	56,000
Female	47,000	40,000	45,000	15,000	43,000	47,000	47,000	48,000	50,000	S	48,000

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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
Management/administration	82,000	86,000	90,000	58,000	72,000	51,000	60,000	41,000	72,000	86,000	63,000
Male	89,000	90,000	92,000	72,000	74,000	55,000	75,000	47,000	75,000	90,000	64,000
Female	67,000	71,000	73,000	41,000	69,000	47,000	52,000	39,000	68,000	74,000	60,000
Sales/marketing	81,000	86,000	89,000	S	S	39,000	S	S	S	S	S
Male	89,000	92,000	93,000	S	S	41,000	S	S	S	S	S
Female	68,000	69,000	79,000	S	S	S	S	S	S	S	S
Social services/related	47,000	44,000	51,000	39,000	41,000	47,000	47,000	47,000	55,000	63,000	51,000
Male	51,000	51,000	59,000	45,000	46,000	42,000	43,000	41,000	63,000	S	57,000
Female	43,000	39,000	40,000	35,000	39,000	50,000	49,000	50,000	49,000	S	48,000
Other non-S&E fields	75,000	80,000	85,000	78,000	52,000	50,000	52,000	49,000	73,000	98,000	65,000
Male	85,000	94,000	99,000	89,000	63,000	54,000	54,000	51,000	81,000	102,000	74,000
Female	59,000	60,000	68,000	53,000	44,000	48,000	48,000	48,000	64,000	90,000	58,000
Bachelor's degrees	53,000	60,000	63,000	40,000	45,000	36,000	38,000	36,000	53,000	65,000	50,000
Male	65,000	70,000	72,000	50,000	55,000	40,000	39,000	41,000	60,000	68,000	53,000
Female	42,000	45,000	46,000	28,000	42,000	35,000	38,000	33,000	48,000	60,000	43,000
S&E fields	53,000	60,000	64,000	39,000	37,000	32,000	30,000	32,000	52,000	65,000	48,000
Male	65,000	70,000	72,000	50,000	50,000	36,000	34,000	40,000	60,000	68,000	53,000
Female	38,000	40,000	45,000	28,000	34,000	30,000	29,000	30,000	45,000	58,000	41,000
Sciences	47,000	50,000	55,000	36,000	36,000	31,000	30,000	32,000	50,000	60,000	45,000
Male	59,000	63,000	65,000	49,000	47,000	35,000	32,000	39,000	53,000	63,000	50,000
Female	36,000	39,000	41,000	27,000	34,000	30,000	30,000	30,000	43,000	56,000	40,000
Biological/agricultural/environmental life sciences	45,000	48,000	50,000	30,000	40,000	33,000	30,000	36,000	50,000	57,000	46,000
Male	50,000	55,000	56,000	38,000	48,000	38,000	32,000	43,000	52,000	61,000	49,000
Female	36,000	39,000	42,000	20,000	37,000	30,000	29,000	30,000	42,000	46,000	42,000
Agricultural/food sciences	39,000	39,000	45,000	29,000	34,000	28,000	31,000	23,000	48,000	67,000	37,000
Male	46,000	46,000	47,000	29,000	S	35,000	34,000	S	52,000	60,000	S
Female	30,000	30,000	37,000	19,000	20,000	21,000	27,000	S	33,000	S	30,000
Biological sciences	45,000	50,000	50,000	33,000	43,000	33,000	30,000	38,000	48,000	55,000	46,000
Male	53,000	59,000	60,000	56,000	49,000	40,000	28,000	45,000	50,000	60,000	46,000
Female	38,000	40,000	43,000	20,000	40,000	31,000	30,000	32,000	43,000	37,000	43,000
Environmental life sciences	48,000	48,000	48,000	35,000	32,000	33,000	31,000	33,000	54,000	50,000	54,000
Male	54,000	55,000	56,000	S	S	35,000	34,000	S	55,000	64,000	55,000
Female	37,000	37,000	44,000	S	24,000	30,000	23,000	S	41,000	S	42,000
Computer/mathematical sciences	63,000	70,000	70,000	45,000	58,000	38,000	42,000	37,000	56,000	67,000	52,000
Male	70,000	73,000	75,000	49,000	70,000	40,000	43,000	40,000	56,000	65,000	50,000
Female	50,000	55,000	60,000	33,000	48,000	32,000	34,000	32,000	56,000	68,000	52,000
Computer/information sciences	67,000	71,000	72,000	49,000	63,000	40,000	44,000	38,000	56,000	64,000	52,000

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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	71,000	75,000	75,000	50,000	75,000	42,000	45,000	39,000	57,000	64,000	51,000
Female	55,000	60,000	63,000	25,000	51,000	34,000	35,000	33,000	55,000	68,000	51,000
Mathematical sciences	52,000	62,000	65,000	38,000	43,000	35,000	31,000	36,000	59,000	72,000	52,000
Male	60,000	70,000	72,000	41,000	47,000	38,000	30,000	40,000	55,000	71,000	50,000
Female	41,000	45,000	50,000	S	40,000	32,000	32,000	32,000	62,000	71,000	S
Physical/related sciences	55,000	60,000	63,000	36,000	45,000	32,000	27,000	35,000	55,000	64,000	50,000
Male	60,000	68,000	70,000	37,000	81,000	32,000	24,000	36,000	61,000	74,000	55,000
Female	42,000	46,000	52,000	18,000	37,000	32,000	30,000	33,000	48,000	48,000	45,000
Chemistry, except biochemistry	55,000	60,000	60,000	25,000	42,000	30,000	23,000	37,000	63,000	79,000	58,000
Male	60,000	64,000	65,000	S	S	28,000	21,000	36,000	68,000	84,000	63,000
Female	45,000	50,000	55,000	S	37,000	35,000	27,000	38,000	45,000	S	38,000
Earth/atmospheric/ocean sciences	55,000	59,000	60,000	39,000	S	32,000	32,000	32,000	49,000	58,000	49,000
Male	56,000	60,000	63,000	36,000	S	32,000	18,000	32,000	50,000	60,000	49,000
Female	42,000	42,000	50,000	S	S	29,000	.	25,000	48,000	S	48,000
Physics/astronomy	58,000	76,000	85,000	40,000	56,000	26,000	24,000	28,000	48,000	59,000	S
Male	74,000	84,000	91,000	63,000	S	34,000	24,000	43,000	97,000	98,000	S
Female	32,000	45,000	46,000	S	S	17,000	25,000	6,000	38,000	S	S
Other physical sciences	48,000	48,000	60,000	S	S	S	S	S	49,000	S	S
Male	61,000	70,000	73,000	S	S	S	S	S	S	S	S
Female	43,000	44,000	45,000	S	S	S	S	S	S	S	S
Social/related sciences	41,000	44,000	49,000	38,000	32,000	30,000	28,000	30,000	48,000	58,000	43,000
Male	55,000	60,000	62,000	50,000	38,000	34,000	28,000	35,000	52,000	59,000	50,000
Female	35,000	35,000	38,000	29,000	30,000	29,000	28,000	29,000	41,000	56,000	40,000
Economics	60,000	61,000	64,000	49,000	58,000	32,000	30,000	34,000	54,000	68,000	48,000
Male	68,000	70,000	71,000	66,000	61,000	30,000	30,000	32,000	59,000	68,000	49,000
Female	41,000	42,000	44,000	28,000	37,000	35,000	30,000	36,000	47,000	S	S
Political/related sciences	50,000	53,000	58,000	39,000	37,000	32,000	31,000	32,000	52,000	56,000	49,000
Male	58,000	60,000	65,000	36,000	44,000	35,000	47,000	34,000	53,000	57,000	52,000
Female	39,000	40,000	43,000	39,000	30,000	30,000	28,000	31,000	49,000	56,000	44,000
Psychology	35,000	37,000	40,000	28,000	32,000	25,000	23,000	27,000	40,000	51,000	36,000
Male	45,000	49,000	55,000	43,000	33,000	28,000	22,000	34,000	45,000	50,000	39,000
Female	31,000	32,000	35,000	24,000	31,000	25,000	23,000	25,000	37,000	54,000	34,000
Sociology/anthropology	38,000	36,000	39,000	29,000	31,000	30,000	30,000	27,000	51,000	60,000	49,000
Male	49,000	49,000	48,000	59,000	34,000	33,000	24,000	36,000	53,000	61,000	53,000
Female	34,000	32,000	35,000	13,000	30,000	27,000	31,000	26,000	49,000	58,000	44,000
Other social sciences	40,000	40,000	41,000	49,000	30,000	35,000	25,000	36,000	43,000	58,000	38,000
Male	49,000	50,000	51,000	52,000	29,000	35,000	25,000	40,000	52,000	59,000	44,000

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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	35,000	36,000	38,000	42,000	29,000	33,000	22,000	34,000	34,000	S	34,000
Engineering	75,000	78,000	80,000	59,000	60,000	37,000	34,000	37,000	70,000	80,000	65,000
Male	78,000	80,000	80,000	59,000	70,000	41,000	41,000	40,000	72,000	80,000	65,000
Female	62,000	65,000	65,000	52,000	38,000	27,000	23,000	34,000	63,000	75,000	53,000
Aerospace/related engineering	75,000	80,000	81,000	S	S	30,000	60,000	S	59,000	69,000	S
Male	77,000	83,000	85,000	S	S	30,000	57,000	S	57,000	70,000	S
Female	62,000	64,000	65,000	S	S	S	S	S	53,000	54,000	S
Chemical engineering	79,000	82,000	84,000	S	S	40,000	41,000	S	70,000	87,000	65,000
Male	85,000	89,000	89,000	S	S	40,000	37,000	S	70,000	75,000	S
Female	68,000	70,000	73,000	S	S	27,000	26,000	S	70,000	91,000	S
Civil/architectural engineering	73,000	75,000	75,000	60,000	S	34,000	33,000	S	71,000	84,000	70,000
Male	75,000	78,000	78,000	64,000	S	48,000	52,000	S	73,000	86,000	70,000
Female	60,000	60,000	62,000	S	S	S	S	S	65,000	S	64,000
Electrical/computer engineering	80,000	82,000	84,000	50,000	68,000	39,000	40,000	39,000	70,000	79,000	52,000
Male	81,000	84,000	85,000	51,000	70,000	43,000	46,000	41,000	72,000	79,000	55,000
Female	67,000	71,000	72,000	S	S	30,000	S	S	64,000	66,000	S
Industrial engineering	69,000	72,000	74,000	S	S	38,000	21,000	S	50,000	68,000	S
Male	72,000	74,000	77,000	S	S	S	S	S	68,000	S	S
Female	60,000	65,000	65,000	S	S	37,000	S	S	S	S	S
Mechanical engineering	76,000	78,000	79,000	54,000	69,000	37,000	42,000	S	79,000	85,000	62,000
Male	78,000	79,000	80,000	54,000	S	43,000	43,000	S	80,000	86,000	63,000
Female	63,000	67,000	65,000	S	S	22,000	S	S	58,000	59,000	S
Other engineering	70,000	70,000	70,000	58,000	55,000	30,000	25,000	S	64,000	69,000	60,000
Male	72,000	75,000	75,000	72,000	S	45,000	31,000	S	65,000	66,000	65,000
Female	53,000	58,000	58,000	S	S	23,000	25,000	S	59,000	S	S
S&E-related fields	52,000	55,000	58,000	39,000	50,000	44,000	50,000	38,000	54,000	60,000	50,000
Male	66,000	70,000	73,000	54,000	61,000	45,000	57,000	43,000	59,000	65,000	52,000
Female	48,000	49,000	49,000	30,000	50,000	42,000	50,000	36,000	52,000	57,000	49,000
Health	50,000	50,000	51,000	34,000	50,000	45,000	50,000	33,000	52,000	59,000	49,000
Male	69,000	73,000	79,000	64,000	62,000	47,000	59,000	S	54,000	60,000	52,000
Female	48,000	49,000	48,000	31,000	50,000	44,000	50,000	33,000	51,000	56,000	48,000
Science/mathematics teacher education	40,000	37,000	39,000	S	S	42,000	S	43,000	46,000	S	S
Male	44,000	40,000	49,000	S	S	44,000	S	44,000	S	S	S
Female	39,000	35,000	39,000	S	S	41,000	S	42,000	S	S	S
Technology/technical fields	65,000	68,000	69,000	37,000	46,000	45,000	56,000	38,000	60,000	75,000	50,000
Male	66,000	69,000	70,000	39,000	S	48,000	S	S	61,000	76,000	50,000
Female	55,000	58,000	61,000	S	S	S	S	S	S	S	S

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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 S&E-related fields	67,000	69,000	70,000	52,000	S	S	S	S	71,000	S	64,000
Male	72,000	73,000	76,000	59,000	S	S	S	S	71,000	S	67,000
Female	44,000	45,000	50,000	S	S	S	S	S	S	S	S
Non-S&E fields	56,000	64,000	69,000	45,000	50,000	43,000	48,000	41,000	58,000	70,000	53,000
Male	65,000	72,000	74,000	67,000	54,000	45,000	50,000	44,000	60,000	70,000	58,000
Female	47,000	50,000	54,000	20,000	39,000	40,000	47,000	40,000	52,000	72,000	46,000
Arts/humanities	58,000	65,000	73,000	44,000	34,000	44,000	46,000	43,000	54,000	62,000	53,000
Male	66,000	73,000	75,000	51,000	52,000	45,000	50,000	43,000	62,000	77,000	53,000
Female	45,000	49,000	61,000	S	S	41,000	39,000	41,000	38,000	S	44,000
Education, except science/mathematics education teacher	42,000	49,000	53,000	S	41,000	40,000	S	40,000	55,000	S	43,000
Male	50,000	59,000	75,000	S	S	43,000	S	43,000	S	S	S
Female	40,000	36,000	43,000	S	S	39,000	S	39,000	43,000	S	S
Management/administration	68,000	70,000	73,000	51,000	59,000	43,000	52,000	31,000	63,000	71,000	60,000
Male	72,000	75,000	75,000	64,000	55,000	46,000	52,000	34,000	60,000	68,000	59,000
Female	55,000	59,000	60,000	S	59,000	38,000	S	28,000	69,000	S	68,000
Sales/marketing	65,000	65,000	69,000	S	S	S	S	S	S	S	S
Male	65,000	65,000	64,000	S	S	S	S	S	S	S	S
Female	67,000	66,000	71,000	S	S	S	S	S	S	S	S
Social services/related	47,000	46,000	48,000	S	S	S	S	S	S	S	S
Male	49,000	47,000	48,000	S	S	S	S	S	S	S	S
Female	41,000	S	S	S	S	S	S	S	S	S	S
Other non-S&E fields	50,000	50,000	53,000	50,000	46,000	46,000	S	46,000	58,000	70,000	50,000
Male	60,000	65,000	63,000	S	S	46,000	S	S	58,000	68,000	58,000
Female	45,000	44,000	45,000	S	37,000	45,000	S	S	49,000	S	33,000
Master's degrees	64,000	75,000	84,000	40,000	53,000	49,000	44,000	50,000	66,000	82,000	59,000
Male	78,000	90,000	91,000	57,000	65,000	52,000	45,000	54,000	77,000	90,000	66,000
Female	51,000	56,000	65,000	31,000	50,000	48,000	43,000	49,000	58,000	75,000	52,000
S&E fields	69,000	80,000	85,000	40,000	46,000	45,000	36,000	50,000	68,000	85,000	58,000
Male	80,000	88,000	90,000	50,000	64,000	48,000	38,000	54,000	77,000	90,000	62,000
Female	50,000	58,000	70,000	37,000	41,000	43,000	36,000	48,000	58,000	75,000	49,000
Sciences	60,000	70,000	80,000	40,000	45,000	45,000	37,000	50,000	63,000	83,000	52,000
Male	71,000	81,000	86,000	42,000	57,000	50,000	39,000	55,000	70,000	87,000	57,000
Female	50,000	52,000	65,000	39,000	40,000	44,000	36,000	49,000	55,000	71,000	48,000
Biological/agricultural/environmental life sciences	51,000	55,000	65,000	20,000	48,000	43,000	39,000	50,000	55,000	62,000	50,000
Male	59,000	61,000	70,000	18,000	47,000	50,000	41,000	51,000	56,000	62,000	50,000
Female	49,000	50,000	55,000	20,000	46,000	39,000	36,000	46,000	54,000	60,000	48,000
Agricultural/food sciences	54,000	60,000	65,000	S	S	49,000	43,000	S	53,000	57,000	S

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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	59,000	70,000	70,000	S	S	56,000	53,000	S	S	S	S
Female	49,000	50,000	50,000	S	S	36,000	36,000	S	S	S	S
Biological sciences	51,000	58,000	67,000	27,000	49,000	42,000	37,000	50,000	57,000	68,000	50,000
Male	59,000	64,000	74,000	S	S	50,000	39,000	51,000	59,000	64,000	52,000
Female	49,000	51,000	55,000	S	48,000	39,000	36,000	44,000	53,000	76,000	49,000
Environmental life sciences	48,000	49,000	58,000	S	S	41,000	39,000	S	45,000	59,000	36,000
Male	48,000	53,000	59,000	S	S	S	S	S	44,000	S	S
Female	45,000	41,000	56,000	S	S	45,000	S	S	59,000	S	S
Computer/mathematical sciences	80,000	87,000	90,000	39,000	78,000	44,000	40,000	48,000	72,000	83,000	61,000
Male	86,000	91,000	93,000	30,000	80,000	49,000	48,000	49,000	77,000	89,000	69,000
Female	65,000	80,000	80,000	63,000	64,000	40,000	37,000	43,000	63,000	65,000	51,000
Computer/information sciences	82,000	87,000	89,000	37,000	67,000	46,000	46,000	49,000	75,000	89,000	61,000
Male	89,000	90,000	93,000	27,000	80,000	55,000	54,000	57,000	78,000	86,000	69,000
Female	70,000	75,000	78,000	S	47,000	40,000	35,000	40,000	60,000	S	53,000
Mathematical sciences	65,000	90,000	90,000	62,000	89,000	40,000	36,000	45,000	64,000	65,000	59,000
Male	76,000	92,000	93,000	S	S	40,000	31,000	44,000	76,000	94,000	S
Female	59,000	83,000	82,000	S	S	40,000	38,000	47,000	S	S	S
Physical/related sciences	66,000	75,000	80,000	31,000	40,000	39,000	28,000	50,000	77,000	83,000	59,000
Male	72,000	80,000	85,000	36,000	S	43,000	29,000	59,000	78,000	82,000	63,000
Female	50,000	65,000	71,000	S	S	36,000	24,000	39,000	63,000	S	52,000
Chemistry, except biochemistry	63,000	74,000	75,000	S	S	38,000	22,000	55,000	56,000	S	S
Male	65,000	75,000	77,000	S	S	48,000	24,000	S	S	S	S
Female	58,000	73,000	74,000	S	S	34,000	19,000	44,000	S	S	S
Earth/atmospheric/ocean sciences	66,000	66,000	79,000	S	S	45,000	30,000	66,000	80,000	81,000	64,000
Male	74,000	78,000	84,000	S	S	60,000	29,000	S	79,000	81,000	63,000
Female	39,000	38,000	58,000	S	S	38,000	33,000	S	S	S	S
Physics/astronomy	73,000	90,000	99,000	S	S	31,000	28,000	36,000	S	S	S
Male	74,000	89,000	96,000	S	S	28,000	26,000	28,000	S	S	S
Female	64,000	97,000	100,000	S	S	39,000	30,000	S	S	S	S
Other physical sciences	40,000	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	50,000	50,000	60,000	40,000	41,000	47,000	37,000	51,000	62,000	90,000	52,000
Male	65,000	70,000	75,000	61,000	52,000	50,000	35,000	57,000	74,000	98,000	57,000
Female	46,000	42,000	50,000	39,000	38,000	45,000	38,000	50,000	53,000	77,000	45,000
Economics	90,000	94,000	93,000	S	90,000	46,000	37,000	S	91,000	96,000	S
Male	97,000	102,000	100,000	S	S	59,000	41,000	S	98,000	S	S

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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	60,000	69,000	70,000	S	51,000	39,000	S	S	90,000	S	S
Political/related sciences	65,000	64,000	74,000	29,000	64,000	42,000	38,000	44,000	98,000	101,000	63,000
Male	82,000	80,000	85,000	S	S	39,000	S	42,000	100,000	103,000	70,000
Female	52,000	59,000	59,000	S	48,000	45,000	38,000	48,000	63,000	68,000	63,000
Psychology	46,000	42,000	49,000	36,000	40,000	48,000	33,000	52,000	52,000	77,000	48,000
Male	52,000	50,000	56,000	36,000	46,000	52,000	22,000	60,000	57,000	S	56,000
Female	44,000	40,000	46,000	36,000	38,000	47,000	35,000	50,000	49,000	75,000	43,000
Sociology/anthropology	46,000	49,000	59,000	S	35,000	36,000	37,000	34,000	56,000	70,000	45,000
Male	52,000	57,000	62,000	S	S	37,000	42,000	S	61,000	S	48,000
Female	38,000	48,000	55,000	S	35,000	34,000	27,000	39,000	45,000	S	35,000
Other social sciences	51,000	48,000	53,000	S	26,000	50,000	45,000	52,000	68,000	92,000	52,000
Male	59,000	59,000	59,000	S	S	51,000	47,000	52,000	75,000	S	54,000
Female	45,000	31,000	43,000	S	24,000	45,000	45,000	51,000	59,000	S	44,000
Engineering	86,000	90,000	90,000	60,000	84,000	31,000	29,000	40,000	82,000	93,000	76,000
Male	90,000	92,000	93,000	71,000	85,000	31,000	29,000	40,000	84,000	93,000	78,000
Female	72,000	78,000	80,000	S	78,000	31,000	24,000	42,000	70,000	94,000	65,000
Aerospace/related engineering	86,000	90,000	90,000	S	S	22,000	21,000	S	82,000	82,000	S
Male	85,000	89,000	89,000	S	S	20,000	20,000	S	82,000	82,000	S
Female	92,000	93,000	93,000	S	S	S	S	S	S	S	S
Chemical engineering	91,000	95,000	96,000	S	S	39,000	22,000	S	S	S	S
Male	96,000	98,000	98,000	S	S	S	S	S	S	S	S
Female	78,000	85,000	85,000	S	S	S	S	S	S	S	S
Civil/architectural engineering	78,000	80,000	83,000	47,000	S	27,000	30,000	S	78,000	81,000	76,000
Male	80,000	84,000	86,000	59,000	S	34,000	S	S	79,000	84,000	78,000
Female	60,000	60,000	70,000	S	S	S	S	S	64,000	S	62,000
Electrical/computer engineering	95,000	97,000	97,000	82,000	83,000	26,000	28,000	S	94,000	97,000	S
Male	96,000	100,000	100,000	82,000	80,000	26,000	25,000	S	93,000	97,000	S
Female	83,000	84,000	84,000	S	S	30,000	S	S	S	S	S
Industrial engineering	80,000	84,000	84,000	S	S	21,000	26,000	S	85,000	102,000	S
Male	79,000	83,000	84,000	S	S	S	S	S	S	S	S
Female	89,000	84,000	76,000	S	S	S	S	S	S	S	S
Mechanical engineering	85,000	85,000	85,000	S	S	55,000	54,000	S	91,000	100,000	S
Male	88,000	86,000	86,000	S	S	58,000	57,000	S	91,000	100,000	S
Female	70,000	75,000	75,000	S	S	21,000	18,000	S	S	S	S
Other engineering	80,000	86,000	89,000	S	S	35,000	25,000	S	75,000	80,000	70,000
Male	84,000	90,000	92,000	S	S	28,000	25,000	S	79,000	90,000	73,000
Female	64,000	71,000	74,000	S	S	44,000	24,000	S	58,000	68,000	S

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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
S&E-related fields	59,000	65,000	67,000	40,000	65,000	50,000	54,000	50,000	63,000	76,000	60,000
Male	68,000	79,000	80,000	55,000	89,000	55,000	58,000	54,000	73,000	84,000	65,000
Female	54,000	60,000	60,000	31,000	63,000	50,000	52,000	50,000	60,000	75,000	54,000
Health	60,000	65,000	65,000	39,000	65,000	50,000	59,000	49,000	61,000	75,000	58,000
Male	75,000	80,000	79,000	58,000	89,000	62,000	60,000	63,000	72,000	77,000	65,000
Female	56,000	60,000	60,000	32,000	64,000	50,000	56,000	48,000	59,000	75,000	51,000
Science/mathematics teacher education	49,000	20,000	29,000	S	S	50,000	37,000	51,000	S	S	S
Male	51,000	19,000	S	S	S	53,000	S	54,000	S	S	S
Female	47,000	21,000	27,000	S	S	50,000	S	50,000	S	S	S
Technology/technical fields	81,000	90,000	90,000	S	S	S	S	S	S	S	S
Male	86,000	91,000	92,000	S	S	S	S	S	S	S	S
Female	73,000	77,000	78,000	S	S	S	S	S	S	S	S
Other S&E-related fields	70,000	74,000	72,000	83,000	S	S	S	S	70,000	S	66,000
Male	75,000	74,000	73,000	S	S	S	S	S	72,000	S	70,000
Female	55,000	53,000	49,000	S	S	S	S	S	66,000	S	S
Non-S&E fields	63,000	80,000	90,000	39,000	49,000	50,000	47,000	50,000	66,000	86,000	60,000
Male	80,000	90,000	96,000	56,000	64,000	53,000	49,000	54,000	80,000	91,000	68,000
Female	50,000	54,000	67,000	24,000	45,000	48,000	46,000	49,000	55,000	75,000	52,000
Arts/humanities	49,000	47,000	67,000	14,000	S	49,000	47,000	54,000	61,000	S	S
Male	57,000	72,000	77,000	S	S	49,000	S	55,000	S	S	S
Female	42,000	35,000	43,000	S	S	53,000	38,000	53,000	S	S	S
Education, except science/mathematics education teacher	50,000	46,000	52,000	27,000	46,000	50,000	42,000	50,000	59,000	S	52,000
Male	55,000	59,000	59,000	61,000	S	54,000	41,000	55,000	60,000	S	52,000
Female	48,000	40,000	46,000	11,000	45,000	48,000	43,000	48,000	57,000	S	52,000
Management/administration	90,000	91,000	95,000	60,000	77,000	52,000	56,000	49,000	79,000	89,000	64,000
Male	93,000	100,000	100,000	74,000	86,000	56,000	75,000	50,000	80,000	93,000	67,000
Female	73,000	77,000	82,000	39,000	75,000	49,000	52,000	42,000	63,000	74,000	56,000
Sales/marketing	93,000	96,000	99,000	S	S	S	S	S	S	S	S
Male	95,000	99,000	99,000	S	S	S	S	S	S	S	S
Female	74,000	79,000	86,000	S	S	S	S	S	S	S	S
Social services/related	48,000	44,000	51,000	39,000	42,000	49,000	43,000	49,000	57,000	S	52,000
Male	57,000	56,000	73,000	50,000	49,000	41,000	40,000	44,000	63,000	S	60,000
Female	43,000	39,000	40,000	35,000	40,000	50,000	50,000	49,000	50,000	S	49,000
Other non-S&E fields	59,000	59,000	70,000	28,000	47,000	49,000	45,000	50,000	72,000	102,000	64,000
Male	70,000	70,000	75,000	S	59,000	52,000	52,000	S	85,000	102,000	80,000
Female	49,000	44,000	47,000	S	43,000	48,000	43,000	50,000	55,000	82,000	53,000
Doctorate degrees	79,000	95,000	100,000	60,000	75,000	66,000	68,000	61,000	88,000	95,000	72,000

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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	85,000	100,000	105,000	69,000	80,000	70,000	72,000	59,000	91,000	98,000	75,000
Female	65,000	75,000	85,000	49,000	62,000	60,000	60,000	62,000	78,000	87,000	65,000
S&E fields	81,000	100,000	102,000	68,000	78,000	67,000	68,000	54,000	90,000	96,000	72,000
Male	90,000	101,000	105,000	75,000	90,000	72,000	73,000	58,000	93,000	100,000	75,000
Female	65,000	79,000	90,000	56,000	65,000	57,000	58,000	50,000	80,000	87,000	65,000
Sciences	78,000	95,000	100,000	65,000	75,000	65,000	66,000	54,000	87,000	95,000	70,000
Male	85,000	100,000	106,000	75,000	87,000	70,000	71,000	59,000	90,000	99,000	72,000
Female	64,000	76,000	90,000	57,000	63,000	56,000	58,000	51,000	77,000	85,000	65,000
Biological/agricultural/environmental life sciences	76,000	98,000	102,000	48,000	71,000	63,000	64,000	53,000	85,000	90,000	61,000
Male	82,000	103,000	110,000	59,000	80,000	70,000	70,000	57,000	88,000	90,000	62,000
Female	62,000	83,000	91,000	28,000	55,000	51,000	51,000	50,000	75,000	80,000	61,000
Agricultural/food sciences	74,000	79,000	87,000	27,000	77,000	68,000	68,000	61,000	80,000	90,000	S
Male	76,000	79,000	89,000	S	78,000	73,000	72,000	S	81,000	90,000	S
Female	59,000	77,000	82,000	S	S	48,000	48,000	S	71,000	S	S
Biological sciences	76,000	100,000	105,000	59,000	70,000	62,000	63,000	53,000	86,000	90,000	62,000
Male	84,000	110,000	119,000	78,000	80,000	70,000	70,000	55,000	89,000	90,000	64,000
Female	62,000	84,000	92,000	26,000	55,000	52,000	52,000	50,000	75,000	80,000	61,000
Environmental life sciences	75,000	89,000	91,000	S	S	59,000	60,000	S	80,000	84,000	60,000
Male	79,000	98,000	98,000	S	S	65,000	66,000	S	81,000	86,000	S
Female	60,000	63,000	S	S	S	47,000	47,000	S	76,000	77,000	S
Computer/mathematical sciences	85,000	107,000	110,000	70,000	92,000	73,000	74,000	54,000	96,000	100,000	84,000
Male	85,000	108,000	113,000	72,000	95,000	75,000	75,000	53,000	97,000	102,000	84,000
Female	79,000	100,000	106,000	S	73,000	70,000	70,000	S	S	S	S
Computer/information sciences	94,000	114,000	116,000	S	103,000	80,000	80,000	S	98,000	S	S
Male	95,000	116,000	118,000	S	S	79,000	79,000	S	S	S	S
Female	85,000	104,000	109,000	S	S	83,000	83,000	S	S	S	S
Mathematical sciences	79,000	100,000	105,000	68,000	79,000	68,000	70,000	50,000	90,000	101,000	S
Male	80,000	100,000	105,000	71,000	86,000	70,000	71,000	50,000	96,000	101,000	S
Female	73,000	100,000	101,000	S	S	63,000	63,000	S	S	S	S
Physical/related sciences	90,000	100,000	102,000	79,000	99,000	65,000	66,000	52,000	100,000	106,000	75,000
Male	92,000	103,000	105,000	88,000	100,000	69,000	70,000	51,000	104,000	110,000	79,000
Female	70,000	92,000	95,000	50,000	69,000	54,000	55,000	52,000	74,000	79,000	52,000
Chemistry, except biochemistry	90,000	100,000	102,000	75,000	89,000	60,000	62,000	55,000	95,000	100,000	72,000
Male	95,000	103,000	105,000	83,000	92,000	66,000	68,000	53,000	98,000	103,000	75,000
Female	75,000	93,000	95,000	50,000	53,000	52,000	50,000	55,000	70,000	73,000	S
Earth/atmospheric/ocean sciences	75,000	91,000	100,000	64,000	76,000	65,000	67,000	47,000	89,000	105,000	61,000
Male	79,000	93,000	100,000	S	79,000	69,000	70,000	46,000	96,000	109,000	61,000

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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	64,000	84,000	96,000	S	S	59,000	60,000	S	79,000	S	S
Physics/astronomy	94,000	107,000	108,000	102,000	105,000	69,000	70,000	50,000	114,000	114,000	113,000
Male	96,000	108,000	109,000	119,000	107,000	70,000	70,000	51,000	118,000	117,000	115,000
Female	70,000	95,000	95,000	S	S	58,000	60,000	S	77,000	S	S
Other physical sciences	60,000	50,000	S	S	S	60,000	60,000	S	86,000	S	S
Male	60,000	50,000	S	S	S	60,000	60,000	S	S	S	S
Female	60,000	S	S	S	S	60,000	S	S	S	S	S
Social/related sciences	70,000	75,000	90,000	68,000	67,000	65,000	66,000	58,000	80,000	95,000	70,000
Male	79,000	90,000	100,000	79,000	75,000	72,000	72,000	66,000	84,000	96,000	72,000
Female	62,000	65,000	70,000	59,000	65,000	60,000	60,000	52,000	78,000	91,000	67,000
Economics	94,000	124,000	143,000	50,000	96,000	87,000	88,000	57,000	103,000	105,000	S
Male	96,000	133,000	149,000	66,000	92,000	89,000	90,000	S	105,000	108,000	S
Female	85,000	95,000	99,000	S	S	74,000	75,000	S	98,000	100,000	S
Political/related sciences	66,000	75,000	94,000	37,000	71,000	64,000	64,000	55,000	79,000	102,000	66,000
Male	66,000	73,000	91,000	37,000	58,000	65,000	66,000	55,000	79,000	S	S
Female	66,000	81,000	96,000	S	75,000	61,000	60,000	S	80,000	S	S
Psychology	68,000	72,000	81,000	70,000	67,000	63,000	64,000	59,000	77,000	91,000	71,000
Male	80,000	87,000	99,000	80,000	79,000	70,000	70,000	70,000	81,000	95,000	74,000
Female	60,000	62,000	64,000	60,000	62,000	57,000	59,000	52,000	72,000	80,000	69,000
Sociology/anthropology	63,000	69,000	90,000	40,000	58,000	61,000	62,000	47,000	79,000	95,000	61,000
Male	68,000	74,000	91,000	47,000	48,000	65,000	65,000	49,000	77,000	91,000	65,000
Female	60,000	64,000	80,000	8,000	69,000	57,000	58,000	44,000	83,000	95,000	52,000
Other social sciences	67,000	72,000	88,000	38,000	58,000	65,000	65,000	60,000	75,000	85,000	67,000
Male	70,000	74,000	84,000	S	S	69,000	69,000	S	76,000	S	S
Female	63,000	50,000	90,000	S	46,000	63,000	64,000	48,000	69,000	S	S
Engineering	100,000	102,000	104,000	69,000	104,000	80,000	81,000	48,000	100,000	104,000	88,000
Male	100,000	104,000	105,000	69,000	106,000	82,000	83,000	49,000	101,000	106,000	91,000
Female	87,000	96,000	97,000	S	94,000	69,000	70,000	S	87,000	90,000	78,000
Aerospace/related engineering	96,000	100,000	104,000	S	S	69,000	69,000	S	116,000	116,000	S
Male	99,000	99,000	103,000	S	S	69,000	69,000	S	118,000	118,000	S
Female	S	S	S	S	S	S	S	S	S	S	S
Chemical engineering	99,000	103,000	104,000	90,000	64,000	75,000	78,000	S	94,000	103,000	S
Male	100,000	104,000	106,000	92,000	57,000	79,000	81,000	S	101,000	S	S
Female	89,000	96,000	97,000	S	S	43,000	46,000	S	S	S	S
Civil/architectural engineering	89,000	91,000	91,000	S	S	80,000	81,000	S	86,000	87,000	75,000
Male	90,000	91,000	92,000	S	S	84,000	84,000	S	87,000	S	88,000
Female	71,000	S	S	S	S	64,000	64,000	S	S	S	S

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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
Electrical/computer engineering	103,000	115,000	114,000	97,000	121,000	83,000	83,000	S	100,000	100,000	S
Male	105,000	116,000	116,000	97,000	120,000	83,000	84,000	S	100,000	100,000	S
Female	95,000	99,000	99,000	S	S	77,000	79,000	S	S	S	S
Industrial engineering	88,000	105,000	104,000	S	S	74,000	74,000	S	S	S	S
Male	88,000	104,000	104,000	S	S	74,000	74,000	S	S	S	S
Female	88,000	S	S	S	S	S	S	S	S	S	S
Mechanical engineering	95,000	98,000	99,000	64,000	S	82,000	85,000	S	109,000	113,000	S
Male	96,000	99,000	99,000	64,000	S	87,000	89,000	S	112,000	114,000	S
Female	75,000	84,000	S	S	S	70,000	70,000	S	S	S	S
Other engineering	95,000	100,000	100,000	69,000	100,000	80,000	80,000	41,000	96,000	100,000	82,000
Male	98,000	100,000	101,000	68,000	105,000	81,000	84,000	S	99,000	102,000	80,000
Female	85,000	93,000	95,000	S	S	65,000	66,000	S	87,000	S	S
S&E-related fields	72,000	90,000	99,000	61,000	75,000	65,000	65,000	63,000	90,000	95,000	74,000
Male	88,000	110,000	110,000	55,000	141,000	68,000	70,000	S	96,000	97,000	S
Female	65,000	59,000	54,000	90,000	59,000	64,000	63,000	78,000	86,000	90,000	77,000
Health	74,000	83,000	84,000	61,000	75,000	69,000	70,000	45,000	90,000	95,000	72,000
Male	86,000	109,000	109,000	55,000	144,000	71,000	74,000	S	96,000	97,000	S
Female	67,000	59,000	54,000	90,000	59,000	67,000	67,000	63,000	85,000	90,000	72,000
Science/mathematics teacher education	55,000	S	S	S	S	55,000	54,000	S	S	S	S
Male	S	S	S	S	S	S	S	S	S	S	S
Female	60,000	S	S	S	S	60,000	S	S	S	S	S
Technology/technical 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
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	65,000	65,000	71,000	31,000	64,000	64,000	64,000	64,000	55,000	S	S
Male	65,000	67,000	71,000	S	64,000	64,000	70,000	61,000	S	S	S
Female	64,000	54,000	69,000	S	S	64,000	60,000	69,000	S	S	S
Arts/humanities	57,000	S	S	S	S	58,000	58,000	S	S	S	S
Male	69,000	S	S	S	S	71,000	71,000	S	S	S	S
Female	48,000	S	S	S	S	52,000	53,000	S	S	S	S
Education, except science/mathematics education teacher	65,000	55,000	S	S	S	65,000	62,000	71,000	S	S	S
Male	62,000	S	S	S	S	62,000	58,000	76,000	S	S	S
Female	69,000	S	S	S	S	69,000	65,000	70,000	S	S	S
Management/administration	99,000	S	S	S	S	100,000	101,000	S	S	S	S

TABLE 21. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006
(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	99,000	S	S	S	S	98,000	100,000	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	52,000	60,000	S	S	S	43,000	49,000	S	S	S	S
Male	57,000	61,000	S	S	S	42,000	49,000	S	S	S	S
Female	47,000	S	S	S	S	S	S	S	S	S	S
Other non-S&E fields	63,000	75,000	S	S	S	56,000	55,000	S	S	S	S
Male	59,000	S	S	S	S	S	S	S	S	S	S
Female	70,000	S	S	S	S	S	S	S	S	S	S

S = 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. 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. Salaries are for principal job and rounded to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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]	60,000	67,000	46,000	65,000	72,000	56,000
Business/industry	68,000	74,000	49,000	70,000	76,000	60,000
4-year college/university	48,000	46,000	52,000	53,000	50,000	50,000
Other educational institution	44,000	43,000	43,000	46,000	47,000	45,000
Government	60,000	62,000	51,000	63,000	61,000	55,000
S&E fields	59,000	68,000	39,000	60,000	73,000	49,000
Business/industry	65,000	74,000	36,000	65,000	77,000	50,000
4-year college/university	42,000	43,000	50,000	47,000	45,000	39,000
Other educational institution	38,000	40,000	36,000	38,000	42,000	40,000
Government	57,000	62,000	46,000	60,000	59,000	50,000
Sciences	50,000	60,000	38,000	53,000	70,000	45,000
Business/industry	55,000	68,000	34,000	55,000	75,000	45,000
4-year college/university	42,000	42,000	50,000	46,000	45,000	38,000
Other educational institution	38,000	40,000	36,000	38,000	41,000	40,000
Government	52,000	56,000	43,000	56,000	57,000	47,000
Biological/agricultural/environmental life sciences	49,000	50,000	43,000	50,000	53,000	45,000
Business/industry	50,000	60,000	42,000	50,000	58,000	45,000
4-year college/university	42,000	41,000	52,000	48,000	35,000	40,000
Other educational institution	40,000	38,000	40,000	42,000	S	33,000
Government	52,000	54,000	48,000	58,000	49,000	47,000
Agricultural/food sciences	43,000	53,000	35,000	46,000	52,000	36,000
Business/industry	42,000	57,000	30,000	45,000	53,000	33,000
4-year college/university	43,000	47,000	55,000	44,000	S	36,000
Other educational institution	29,000	S	29,000	42,000	S	S
Government	51,000	54,000	S	60,000	S	43,000
Biological sciences	50,000	50,000	45,000	53,000	54,000	47,000
Business/industry	51,000	60,000	43,000	56,000	59,000	48,000
4-year college/university	42,000	41,000	51,000	50,000	31,000	40,000
Other educational institution	40,000	39,000	40,000	42,000	S	32,000
Government	51,000	54,000	47,000	59,000	50,000	49,000
Environmental life sciences	48,000	50,000	42,000	50,000	46,000	47,000
Business/industry	48,000	58,000	34,000	50,000	53,000	45,000
4-year college/university	35,000	31,000	41,000	40,000	S	32,000
Other educational institution	38,000	S	40,000	S	S	S
Government	54,000	48,000	S	55,000	47,000	53,000
Computer/mathematical sciences	69,000	73,000	40,000	70,000	75,000	57,000
Business/industry	75,000	78,000	35,000	75,000	77,000	60,000
4-year college/university	48,000	50,000	49,000	58,000	47,000	52,000
Other educational institution	39,000	40,000	38,000	39,000	40,000	32,000
Government	62,000	64,000	48,000	64,000	65,000	47,000
Computer/information sciences	72,000	75,000	40,000	75,000	75,000	58,000
Business/industry	75,000	76,000	42,000	78,000	77,000	65,000
4-year college/university	49,000	50,000	54,000	54,000	49,000	53,000
Other educational institution	40,000	58,000	39,000	42,000	39,000	32,000
Government	61,000	64,000	S	65,000	64,000	47,000
Mathematical sciences	60,000	70,000	40,000	60,000	75,000	52,000
Business/industry	70,000	80,000	17,000	65,000	80,000	59,000
4-year college/university	48,000	50,000	47,000	61,000	44,000	51,000
Other educational institution	38,000	40,000	38,000	36,000	45,000	30,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	64,000	64,000	S	59,000	69,000	46,000
Physical/related sciences	61,000	70,000	48,000	70,000	73,000	52,000
Business/industry	71,000	78,000	48,000	75,000	77,000	55,000
4-year college/university	45,000	45,000	58,000	58,000	50,000	40,000
Other educational institution	39,000	37,000	39,000	46,000	S	30,000
Government	63,000	68,000	49,000	70,000	68,000	55,000
Chemistry, except biochemistry	60,000	70,000	50,000	67,000	65,000	52,000
Business/industry	70,000	78,000	50,000	72,000	71,000	55,000
4-year college/university	38,000	35,000	52,000	52,000	50,000	38,000
Other educational institution	44,000	37,000	46,000	45,000	S	30,000
Government	66,000	60,000	S	72,000	S	62,000
Earth/atmospheric/ocean sciences	59,000	60,000	42,000	67,000	64,000	49,000
Business/industry	60,000	63,000	15,000	71,000	75,000	50,000
4-year college/university	50,000	54,000	59,000	52,000	45,000	42,000
Other educational institution	39,000	34,000	38,000	48,000	S	S
Government	59,000	72,000	S	61,000	57,000	50,000
Physics/astronomy	75,000	80,000	49,000	93,000	84,000	64,000
Business/industry	92,000	97,000	68,000	99,000	90,000	79,000
4-year college/university	52,000	54,000	64,000	64,000	50,000	57,000
Other educational institution	36,000	39,000	36,000	54,000	S	S
Government	92,000	100,000	S	98,000	102,000	48,000
Other physical sciences	48,000	46,000	31,000	60,000	48,000	46,000
Business/industry	49,000	49,000	S	58,000	S	45,000
4-year college/university	47,000	43,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	62,000	40,000	S	64,000	S	S
Social/related sciences	45,000	49,000	35,000	49,000	60,000	40,000
Business/industry	46,000	51,000	30,000	50,000	64,000	40,000
4-year college/university	39,000	40,000	46,000	40,000	44,000	36,000
Other educational institution	36,000	40,000	35,000	35,000	40,000	41,000
Government	50,000	52,000	38,000	53,000	52,000	46,000
Economics	62,000	65,000	47,000	65,000	75,000	55,000
Business/industry	65,000	65,000	22,000	65,000	74,000	59,000
4-year college/university	49,000	70,000	63,000	45,000	S	37,000
Other educational institution	41,000	S	41,000	39,000	S	S
Government	64,000	68,000	S	70,000	77,000	48,000
Political/related sciences	52,000	49,000	38,000	56,000	60,000	51,000
Business/industry	54,000	49,000	38,000	58,000	61,000	54,000
4-year college/university	46,000	40,000	48,000	49,000	S	45,000
Other educational institution	34,000	33,000	35,000	30,000	S	21,000
Government	56,000	59,000	S	59,000	55,000	52,000
Psychology	40,000	45,000	34,000	42,000	53,000	39,000
Business/industry	40,000	51,000	33,000	41,000	58,000	37,000
4-year college/university	35,000	36,000	42,000	38,000	39,000	33,000
Other educational institution	38,000	40,000	34,000	36,000	S	43,000
Government	45,000	42,000	29,000	50,000	36,000	42,000
Sociology/anthropology	40,000	43,000	30,000	41,000	50,000	36,000
Business/industry	37,000	42,000	20,000	40,000	49,000	32,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	37,000	38,000	45,000	37,000	S	35,000
Other educational institution	29,000	30,000	27,000	32,000	S	26,000
Government	51,000	53,000	42,000	52,000	50,000	48,000
Other social sciences	42,000	48,000	38,000	44,000	55,000	40,000
Business/industry	40,000	49,000	32,000	41,000	63,000	36,000
4-year college/university	45,000	46,000	46,000	45,000	27,000	40,000
Other educational institution	40,000	40,000	39,000	40,000	S	42,000
Government	49,000	49,000	32,000	52,000	47,000	43,000
Engineering	80,000	80,000	54,000	84,000	80,000	71,000
Business/industry	81,000	80,000	72,000	85,000	84,000	73,000
4-year college/university	50,000	45,000	60,000	70,000	43,000	45,000
Other educational institution	40,000	41,000	37,000	41,000	S	34,000
Government	75,000	74,000	69,000	79,000	68,000	68,000
Aerospace/related engineering	80,000	80,000	39,000	87,000	82,000	75,000
Business/industry	85,000	80,000	S	93,000	83,000	80,000
4-year college/university	58,000	49,000	50,000	69,000	24,000	S
Other educational institution	S	S	S	S	S	S
Government	70,000	81,000	S	70,000	80,000	64,000
Chemical engineering	84,000	80,000	41,000	91,000	85,000	75,000
Business/industry	88,000	84,000	44,000	95,000	86,000	76,000
4-year college/university	41,000	37,000	41,000	109,000	S	41,000
Other educational institution	40,000	S	40,000	S	S	S
Government	77,000	74,000	S	84,000	S	89,000
Civil/architectural engineering	75,000	70,000	55,000	80,000	64,000	75,000
Business/industry	76,000	72,000	65,000	80,000	67,000	74,000
4-year college/university	63,000	59,000	63,000	69,000	S	45,000
Other educational institution	34,000	S	31,000	S	S	S
Government	73,000	69,000	S	75,000	61,000	71,000
Electrical/computer engineering	85,000	88,000	57,000	90,000	85,000	70,000
Business/industry	88,000	90,000	82,000	90,000	87,000	71,000
4-year college/university	50,000	50,000	57,000	62,000	47,000	58,000
Other educational institution	36,000	S	34,000	S	S	S
Government	75,000	79,000	S	81,000	69,000	56,000
Industrial engineering	72,000	70,000	43,000	75,000	81,000	63,000
Business/industry	75,000	72,000	62,000	79,000	84,000	64,000
4-year college/university	50,000	32,000	57,000	69,000	24,000	S
Other educational institution	S	S	S	S	S	S
Government	60,000	55,000	S	60,000	S	55,000
Mechanical engineering	80,000	77,000	59,000	84,000	75,000	73,000
Business/industry	80,000	78,000	80,000	84,000	77,000	74,000
4-year college/university	55,000	54,000	59,000	83,000	47,000	51,000
Other educational institution	36,000	S	14,000	S	S	S
Government	84,000	81,000	S	86,000	70,000	70,000
Other engineering	75,000	75,000	51,000	80,000	75,000	70,000
Business/industry	78,000	77,000	65,000	79,000	79,000	72,000
4-year college/university	40,000	40,000	68,000	68,000	40,000	34,000
Other educational institution	42,000	S	41,000	S	S	S
Government	70,000	69,000	S	78,000	53,000	70,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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-related fields	60,000	60,000	50,000	68,000	68,000	62,000
Business/industry	67,000	68,000	53,000	72,000	70,000	68,000
4-year college/university	57,000	51,000	58,000	61,000	65,000	58,000
Other educational institution	45,000	44,000	45,000	50,000	42,000	44,000
Government	60,000	64,000	60,000	62,000	72,000	60,000
Health	62,000	60,000	52,000	70,000	60,000	64,000
Business/industry	67,000	65,000	53,000	75,000	61,000	70,000
4-year college/university	58,000	51,000	60,000	65,000	69,000	58,000
Other educational institution	41,000	39,000	41,000	45,000	S	42,000
Government	60,000	62,000	59,000	60,000	61,000	60,000
Science/mathematics teacher education	45,000	45,000	46,000	45,000	59,000	43,000
Business/industry	34,000	38,000	23,000	35,000	61,000	28,000
4-year college/university	40,000	35,000	46,000	47,000	S	S
Other educational institution	48,000	45,000	48,000	50,000	52,000	54,000
Government	47,000	S	S	49,000	S	S
Technology/technical fields	69,000	75,000	47,000	69,000	75,000	59,000
Business/industry	69,000	75,000	S	70,000	75,000	59,000
4-year college/university	49,000	S	S	S	S	S
Other educational institution	43,000	S	36,000	S	S	S
Government	65,000	82,000	S	61,000	75,000	62,000
Other S&E-related fields	70,000	65,000	49,000	72,000	72,000	65,000
Business/industry	70,000	65,000	S	74,000	74,000	64,000
4-year college/university	57,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	71,000	67,000	S	78,000	S	70,000
Non-S&E fields	65,000	69,000	48,000	73,000	74,000	60,000
Business/industry	75,000	79,000	50,000	81,000	79,000	65,000
4-year college/university	50,000	48,000	48,000	53,000	53,000	50,000
Other educational institution	49,000	47,000	48,000	51,000	54,000	52,000
Government	66,000	62,000	48,000	72,000	68,000	64,000
Arts/humanities	55,000	59,000	48,000	57,000	70,000	45,000
Business/industry	62,000	71,000	42,000	63,000	73,000	45,000
4-year college/university	49,000	48,000	48,000	48,000	51,000	53,000
Other educational institution	49,000	55,000	49,000	48,000	S	S
Government	55,000	43,000	S	57,000	69,000	46,000
Education, except science/mathematics teacher education	50,000	48,000	48,000	51,000	59,000	50,000
Business/industry	50,000	59,000	36,000	50,000	67,000	42,000
4-year college/university	47,000	47,000	46,000	50,000	S	39,000
Other educational institution	50,000	46,000	48,000	51,000	55,000	52,000
Government	57,000	S	44,000	60,000	65,000	57,000
Management/administration	82,000	85,000	50,000	88,000	80,000	70,000
Business/industry	86,000	87,000	57,000	90,000	83,000	71,000
4-year college/university	60,000	70,000	50,000	64,000	53,000	51,000
Other educational institution	41,000	38,000	40,000	49,000	S	42,000
Government	72,000	75,000	S	75,000	70,000	67,000
Sales/marketing	81,000	82,000	59,000	88,000	59,000	59,000
Business/industry	86,000	84,000	S	89,000	59,000	66,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	S	S	S	S	S	S
Social services/related	47,000	46,000	43,000	50,000	57,000	46,000
Business/industry	44,000	48,000	42,000	48,000	64,000	40,000
4-year college/university	47,000	42,000	47,000	45,000	S	52,000
Other educational institution	47,000	S	41,000	55,000	S	54,000
Government	55,000	51,000	S	60,000	S	52,000
Other non-S&E fields	75,000	64,000	50,000	81,000	65,000	80,000
Business/industry	80,000	72,000	50,000	86,000	74,000	89,000
4-year college/university	52,000	49,000	50,000	54,000	S	54,000
Other educational institution	49,000	48,000	49,000	46,000	S	52,000
Government	73,000	59,000	53,000	80,000	59,000	74,000
Bachelor's degrees, all fields	53,000	61,000	38,000	58,000	70,000	49,000
Business/industry	60,000	68,000	41,000	60,000	73,000	50,000
4-year college/university	38,000	30,000	38,000	43,000	50,000	42,000
Other educational institution	36,000	38,000	35,000	37,000	40,000	33,000
Government	53,000	56,000	48,000	57,000	57,000	48,000
S&E fields	53,000	62,000	32,000	57,000	70,000	45,000
Business/industry	60,000	69,000	33,000	60,000	74,000	49,000
4-year college/university	30,000	25,000	20,000	37,000	44,000	31,000
Other educational institution	32,000	36,000	32,000	34,000	38,000	27,000
Government	52,000	55,000	46,000	56,000	56,000	47,000
Sciences	47,000	50,000	32,000	50,000	66,000	40,000
Business/industry	50,000	61,000	30,000	50,000	70,000	42,000
4-year college/university	30,000	25,000	20,000	37,000	44,000	31,000
Other educational institution	32,000	36,000	32,000	34,000	38,000	27,000
Government	50,000	50,000	43,000	52,000	56,000	45,000
Biological/agricultural/environmental life sciences	45,000	42,000	38,000	50,000	51,000	42,000
Business/industry	48,000	50,000	38,000	50,000	55,000	42,000
4-year college/university	30,000	27,000	25,000	40,000	S	33,000
Other educational institution	36,000	32,000	37,000	40,000	S	28,000
Government	50,000	49,000	50,000	55,000	48,000	46,000
Agricultural/food sciences	39,000	49,000	25,000	43,000	52,000	34,000
Business/industry	39,000	50,000	S	41,000	52,000	32,000
4-year college/university	31,000	34,000	S	S	S	S
Other educational institution	23,000	S	S	S	S	S
Government	48,000	54,000	S	59,000	S	40,000
Biological sciences	45,000	40,000	40,000	50,000	53,000	45,000
Business/industry	50,000	50,000	42,000	52,000	56,000	45,000
4-year college/university	30,000	26,000	25,000	41,000	S	35,000
Other educational institution	38,000	34,000	38,000	40,000	S	S
Government	48,000	46,000	49,000	52,000	49,000	46,000
Environmental life sciences	48,000	50,000	40,000	49,000	46,000	46,000
Business/industry	48,000	56,000	30,000	48,000	S	45,000
4-year college/university	31,000	23,000	S	S	S	S
Other educational institution	33,000	S	37,000	S	S	S
Government	54,000	47,000	S	55,000	S	50,000
Computer/mathematical sciences	63,000	70,000	34,000	65,000	72,000	54,000
Business/industry	70,000	72,000	33,000	70,000	75,000	59,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	42,000	43,000	16,000	50,000	46,000	38,000
Other educational institution	37,000	40,000	34,000	38,000	38,000	33,000
Government	56,000	62,000	S	58,000	61,000	47,000
Computer/information sciences	67,000	70,000	34,000	70,000	70,000	57,000
Business/industry	71,000	72,000	37,000	74,000	75,000	60,000
4-year college/university	44,000	48,000	S	47,000	46,000	S
Other educational institution	38,000	S	32,000	42,000	38,000	S
Government	56,000	62,000	S	59,000	59,000	47,000
Mathematical sciences	52,000	63,000	34,000	51,000	75,000	48,000
Business/industry	62,000	71,000	17,000	58,000	78,000	52,000
4-year college/university	31,000	30,000	14,000	64,000	46,000	34,000
Other educational institution	36,000	40,000	36,000	34,000	S	30,000
Government	59,000	62,000	S	53,000	69,000	47,000
Physical/related sciences	55,000	56,000	36,000	60,000	70,000	50,000
Business/industry	60,000	65,000	43,000	65,000	72,000	50,000
4-year college/university	27,000	22,000	20,000	42,000	33,000	33,000
Other educational institution	35,000	32,000	35,000	43,000	S	S
Government	55,000	50,000	S	60,000	57,000	51,000
Chemistry, except biochemistry	55,000	57,000	38,000	60,000	58,000	50,000
Business/industry	60,000	65,000	47,000	60,000	65,000	50,000
4-year college/university	23,000	21,000	21,000	37,000	S	35,000
Other educational institution	37,000	S	40,000	40,000	S	S
Government	63,000	51,000	S	71,000	S	60,000
Earth/atmospheric/ocean sciences	55,000	50,000	32,000	59,000	64,000	48,000
Business/industry	59,000	58,000	S	64,000	80,000	45,000
4-year college/university	32,000	19,000	17,000	S	S	S
Other educational institution	32,000	S	32,000	S	S	S
Government	49,000	53,000	S	50,000	S	49,000
Physics/astronomy	58,000	75,000	25,000	75,000	80,000	56,000
Business/industry	76,000	88,000	S	89,000	79,000	68,000
4-year college/university	24,000	24,000	16,000	39,000	33,000	43,000
Other educational institution	28,000	S	28,000	47,000	S	S
Government	48,000	71,000	S	47,000	S	48,000
Other physical sciences	48,000	44,000	S	60,000	S	46,000
Business/industry	48,000	46,000	S	60,000	S	45,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	49,000	S	S	63,000	S	S
Social/related sciences	41,000	44,000	29,000	45,000	56,000	38,000
Business/industry	44,000	49,000	28,000	48,000	61,000	38,000
4-year college/university	28,000	19,000	15,000	31,000	43,000	30,000
Other educational institution	30,000	35,000	30,000	31,000	31,000	26,000
Government	48,000	47,000	34,000	51,000	50,000	44,000
Economics	60,000	63,000	28,000	60,000	74,000	52,000
Business/industry	61,000	64,000	19,000	62,000	72,000	55,000
4-year college/university	30,000	S	S	32,000	S	S
Other educational institution	34,000	S	34,000	S	S	S
Government	54,000	59,000	S	61,000	S	48,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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
Political/related sciences	50,000	41,000	35,000	53,000	59,000	49,000
Business/industry	53,000	46,000	30,000	56,000	60,000	53,000
4-year college/university	31,000	8,000	13,000	43,000	S	37,000
Other educational institution	32,000	S	34,000	30,000	S	S
Government	52,000	42,000	S	53,000	S	48,000
Psychology	35,000	40,000	26,000	38,000	50,000	31,000
Business/industry	37,000	49,000	29,000	39,000	56,000	31,000
4-year college/university	23,000	22,000	15,000	28,000	S	21,000
Other educational institution	27,000	39,000	26,000	29,000	S	25,000
Government	40,000	37,000	24,000	45,000	26,000	35,000
Sociology/anthropology	38,000	40,000	26,000	40,000	48,000	35,000
Business/industry	36,000	39,000	19,000	40,000	49,000	32,000
4-year college/university	30,000	15,000	S	31,000	S	33,000
Other educational institution	27,000	29,000	26,000	30,000	S	25,000
Government	51,000	49,000	43,000	52,000	49,000	47,000
Other social sciences	40,000	44,000	34,000	40,000	52,000	38,000
Business/industry	40,000	47,000	31,000	40,000	62,000	36,000
4-year college/university	25,000	S	S	34,000	S	22,000
Other educational institution	36,000	35,000	35,000	39,000	S	39,000
Government	43,000	49,000	S	43,000	S	41,000
Engineering	75,000	75,000	43,000	80,000	78,000	67,000
Business/industry	78,000	75,000	63,000	80,000	80,000	69,000
4-year college/university	34,000	25,000	25,000	61,000	42,000	41,000
Other educational institution	37,000	38,000	35,000	40,000	S	S
Government	70,000	70,000	69,000	75,000	63,000	61,000
Aerospace/related engineering	75,000	75,000	38,000	83,000	78,000	74,000
Business/industry	80,000	75,000	S	93,000	83,000	80,000
4-year college/university	60,000	20,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	59,000	75,000	S	60,000	S	50,000
Chemical engineering	79,000	75,000	41,000	89,000	79,000	70,000
Business/industry	82,000	79,000	S	90,000	81,000	71,000
4-year college/university	41,000	25,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	70,000	73,000	S	73,000	S	70,000
Civil/architectural engineering	73,000	67,000	40,000	79,000	62,000	71,000
Business/industry	75,000	69,000	S	80,000	63,000	71,000
4-year college/university	33,000	18,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	71,000	66,000	S	74,000	62,000	70,000
Electrical/computer engineering	80,000	82,000	49,000	85,000	80,000	64,000
Business/industry	82,000	85,000	86,000	86,000	83,000	65,000
4-year college/university	40,000	36,000	17,000	46,000	48,000	S
Other educational institution	39,000	S	36,000	S	S	S
Government	70,000	74,000	S	77,000	68,000	54,000
Industrial engineering	69,000	68,000	40,000	72,000	76,000	60,000
Business/industry	72,000	69,000	S	75,000	80,000	62,000
4-year college/university	21,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	50,000	S	S	50,000	S	S
Mechanical engineering	76,000	75,000	58,000	81,000	75,000	70,000
Business/industry	78,000	75,000	S	82,000	75,000	72,000
4-year college/university	42,000	26,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	79,000	78,000	S	84,000	S	64,000
Other engineering	70,000	69,000	47,000	71,000	71,000	62,000
Business/industry	70,000	71,000	S	72,000	75,000	64,000
4-year college/university	25,000	23,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	64,000	59,000	S	68,000	S	62,000
S&E-related fields	52,000	56,000	45,000	58,000	67,000	50,000
Business/industry	55,000	60,000	49,000	60,000	69,000	50,000
4-year college/university	50,000	43,000	51,000	55,000	69,000	50,000
Other educational institution	38,000	39,000	38,000	40,000	S	36,000
Government	54,000	62,000	51,000	56,000	71,000	52,000
Health	50,000	49,000	46,000	56,000	55,000	50,000
Business/industry	50,000	50,000	48,000	57,000	55,000	50,000
4-year college/university	50,000	42,000	55,000	55,000	S	50,000
Other educational institution	33,000	34,000	34,000	36,000	S	34,000
Government	52,000	56,000	51,000	53,000	S	52,000
Science/mathematics teacher education	40,000	44,000	41,000	40,000	43,000	38,000
Business/industry	37,000	S	S	38,000	S	34,000
4-year college/university	S	S	S	S	S	S
Other educational institution	43,000	44,000	42,000	43,000	S	S
Government	46,000	S	S	S	S	S
Technology/technical fields	65,000	71,000	41,000	68,000	73,000	55,000
Business/industry	68,000	71,000	S	69,000	74,000	55,000
4-year college/university	56,000	S	S	S	S	S
Other educational institution	38,000	S	S	S	S	S
Government	60,000	75,000	S	59,000	70,000	60,000
Other S&E-related fields	67,000	63,000	S	70,000	72,000	63,000
Business/industry	69,000	64,000	S	70,000	73,000	62,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	71,000	S	S	79,000	S	S
Non-S&E fields	56,000	65,000	42,000	60,000	72,000	49,000
Business/industry	64,000	71,000	45,000	66,000	75,000	48,000
4-year college/university	48,000	48,000	S	47,000	53,000	49,000
Other educational institution	41,000	40,000	41,000	40,000	49,000	48,000
Government	58,000	59,000	41,000	60,000	67,000	50,000
Arts/humanities	58,000	65,000	43,000	59,000	70,000	45,000
Business/industry	65,000	74,000	S	70,000	73,000	49,000
4-year college/university	46,000	S	S	38,000	S	S
Other educational institution	43,000	S	43,000	39,000	S	S
Government	54,000	43,000	S	56,000	67,000	33,000
Education, except science/mathematics teacher education	42,000	44,000	40,000	42,000	58,000	50,000
Business/industry	49,000	57,000	S	51,000	59,000	38,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	S	S	S	S	S	S
Other educational institution	40,000	42,000	40,000	40,000	S	50,000
Government	55,000	S	S	57,000	S	S
Management/administration	68,000	72,000	40,000	70,000	75,000	53,000
Business/industry	70,000	75,000	50,000	72,000	80,000	54,000
4-year college/university	52,000	S	S	50,000	52,000	S
Other educational institution	31,000	S	31,000	45,000	S	S
Government	63,000	69,000	S	66,000	66,000	50,000
Sales/marketing	65,000	63,000	S	72,000	75,000	44,000
Business/industry	65,000	59,000	S	69,000	76,000	48,000
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	47,000	50,000	S	47,000	64,000	43,000
Business/industry	46,000	50,000	S	42,000	66,000	39,000
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 non-S&E fields	50,000	59,000	45,000	52,000	68,000	45,000
Business/industry	50,000	64,000	S	50,000	70,000	44,000
4-year college/university	S	S	S	S	S	S
Other educational institution	46,000	S	46,000	S	S	S
Government	58,000	60,000	S	60,000	S	46,000
Master's degrees, all fields	64,000	70,000	49,000	72,000	80,000	55,000
Business/industry	75,000	81,000	50,000	82,000	85,000	59,000
4-year college/university	44,000	36,000	41,000	53,000	49,000	49,000
Other educational institution	50,000	48,000	50,000	53,000	55,000	50,000
Government	66,000	67,000	52,000	72,000	71,000	60,000
S&E fields	69,000	75,000	45,000	75,000	82,000	54,000
Business/industry	80,000	82,000	46,000	82,000	85,000	56,000
4-year college/university	36,000	30,000	30,000	48,000	42,000	41,000
Other educational institution	50,000	50,000	50,000	52,000	60,000	50,000
Government	68,000	70,000	39,000	75,000	75,000	59,000
Sciences	60,000	65,000	45,000	66,000	80,000	49,000
Business/industry	70,000	76,000	43,000	74,000	84,000	48,000
4-year college/university	37,000	30,000	29,000	47,000	42,000	40,000
Other educational institution	50,000	50,000	50,000	52,000	60,000	50,000
Government	63,000	63,000	39,000	70,000	74,000	54,000
Biological/agricultural/environmental life sciences	51,000	54,000	46,000	54,000	55,000	48,000
Business/industry	55,000	60,000	45,000	58,000	59,000	48,000
4-year college/university	39,000	36,000	40,000	42,000	S	36,000
Other educational institution	50,000	59,000	50,000	51,000	S	S
Government	55,000	53,000	S	59,000	S	51,000
Agricultural/food sciences	54,000	57,000	53,000	51,000	S	44,000
Business/industry	60,000	58,000	S	50,000	S	48,000
4-year college/university	43,000	46,000	S	52,000	S	S
Other educational institution	S	S	S	S	S	S
Government	53,000	S	S	S	S	S

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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
Biological sciences	51,000	54,000	46,000	55,000	57,000	50,000
Business/industry	58,000	60,000	46,000	60,000	59,000	49,000
4-year college/university	37,000	35,000	37,000	41,000	S	37,000
Other educational institution	50,000	61,000	50,000	49,000	S	S
Government	57,000	55,000	S	61,000	S	51,000
Environmental life sciences	48,000	43,000	41,000	52,000	S	47,000
Business/industry	49,000	57,000	S	52,000	S	43,000
4-year college/university	39,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	45,000	38,000	S	53,000	S	S
Computer/mathematical sciences	80,000	82,000	43,000	87,000	83,000	65,000
Business/industry	87,000	86,000	68,000	94,000	85,000	78,000
4-year college/university	40,000	26,000	30,000	58,000	45,000	52,000
Other educational institution	48,000	64,000	49,000	45,000	49,000	27,000
Government	72,000	66,000	S	76,000	76,000	43,000
Computer/information sciences	82,000	82,000	50,000	89,000	84,000	66,000
Business/industry	87,000	85,000	99,000	93,000	85,000	76,000
4-year college/university	46,000	30,000	23,000	59,000	53,000	S
Other educational institution	49,000	S	50,000	S	S	S
Government	75,000	72,000	S	77,000	80,000	41,000
Mathematical sciences	65,000	82,000	40,000	80,000	80,000	63,000
Business/industry	90,000	90,000	S	97,000	86,000	90,000
4-year college/university	36,000	23,000	30,000	48,000	22,000	S
Other educational institution	45,000	38,000	48,000	43,000	S	S
Government	64,000	63,000	S	64,000	64,000	S
Physical/related sciences	66,000	72,000	45,000	77,000	78,000	59,000
Business/industry	75,000	74,000	S	81,000	85,000	60,000
4-year college/university	28,000	24,000	29,000	46,000	43,000	25,000
Other educational institution	50,000	54,000	50,000	59,000	S	S
Government	77,000	78,000	S	80,000	S	65,000
Chemistry, except biochemistry	63,000	71,000	54,000	66,000	64,000	64,000
Business/industry	74,000	75,000	S	83,000	S	74,000
4-year college/university	22,000	25,000	S	S	S	S
Other educational institution	55,000	S	55,000	S	S	S
Government	56,000	S	S	S	S	S
Earth/atmospheric/ocean sciences	66,000	72,000	44,000	79,000	61,000	56,000
Business/industry	66,000	70,000	S	78,000	S	51,000
4-year college/university	30,000	25,000	S	S	S	S
Other educational institution	66,000	S	59,000	S	S	S
Government	80,000	79,000	S	80,000	S	S
Physics/astronomy	73,000	70,000	37,000	89,000	86,000	59,000
Business/industry	90,000	80,000	S	103,000	90,000	60,000
4-year college/university	28,000	23,000	37,000	S	35,000	S
Other educational institution	36,000	S	36,000	S	S	S
Government	S	S	S	S	S	S
Other physical sciences	40,000	S	S	41,000	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

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	S	S	S	S	S	S
Social/related sciences	50,000	50,000	43,000	60,000	65,000	46,000
Business/industry	50,000	60,000	42,000	60,000	73,000	40,000
4-year college/university	37,000	25,000	20,000	47,000	S	43,000
Other educational institution	51,000	48,000	49,000	52,000	S	50,000
Government	62,000	69,000	39,000	70,000	75,000	54,000
Economics	90,000	65,000	45,000	95,000	89,000	88,000
Business/industry	94,000	70,000	S	99,000	90,000	90,000
4-year college/university	37,000	38,000	18,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	91,000	88,000	S	91,000	S	S
Political/related sciences	65,000	69,000	40,000	72,000	63,000	64,000
Business/industry	64,000	70,000	S	63,000	61,000	59,000
4-year college/university	38,000	18,000	19,000	50,000	S	S
Other educational institution	44,000	S	40,000	S	S	S
Government	98,000	99,000	S	99,000	S	79,000
Psychology	46,000	44,000	43,000	50,000	60,000	43,000
Business/industry	42,000	48,000	40,000	49,000	59,000	39,000
4-year college/university	33,000	22,000	17,000	40,000	S	39,000
Other educational institution	52,000	48,000	50,000	54,000	S	50,000
Government	52,000	52,000	S	60,000	S	47,000
Sociology/anthropology	46,000	47,000	34,000	53,000	S	40,000
Business/industry	49,000	57,000	S	54,000	S	35,000
4-year college/university	37,000	29,000	24,000	48,000	S	S
Other educational institution	34,000	S	34,000	S	S	S
Government	56,000	69,000	S	52,000	S	48,000
Other social sciences	51,000	50,000	48,000	52,000	61,000	45,000
Business/industry	48,000	59,000	33,000	42,000	S	27,000
4-year college/university	45,000	25,000	26,000	46,000	S	S
Other educational institution	52,000	49,000	54,000	49,000	S	S
Government	68,000	50,000	S	67,000	S	81,000
Engineering	86,000	84,000	50,000	93,000	87,000	84,000
Business/industry	90,000	90,000	84,000	95,000	90,000	85,000
4-year college/university	29,000	25,000	36,000	65,000	32,000	55,000
Other educational institution	40,000	S	40,000	42,000	S	S
Government	82,000	78,000	S	87,000	75,000	81,000
Aerospace/related engineering	86,000	90,000	S	89,000	83,000	87,000
Business/industry	90,000	97,000	S	90,000	72,000	S
4-year college/university	21,000	20,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	82,000	81,000	S	S	S	S
Chemical engineering	91,000	90,000	S	97,000	89,000	89,000
Business/industry	95,000	92,000	S	100,000	S	86,000
4-year college/university	22,000	22,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Civil/architectural engineering	78,000	74,000	42,000	82,000	70,000	80,000
Business/industry	80,000	75,000	S	85,000	77,000	83,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	30,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	78,000	75,000	S	78,000	S	75,000
Electrical/computer engineering	95,000	95,000	49,000	100,000	93,000	83,000
Business/industry	97,000	97,000	S	100,000	95,000	84,000
4-year college/university	28,000	25,000	22,000	S	26,000	S
Other educational institution	S	S	S	S	S	S
Government	94,000	93,000	S	97,000	94,000	81,000
Industrial engineering	80,000	79,000	S	84,000	82,000	75,000
Business/industry	84,000	80,000	S	84,000	89,000	84,000
4-year college/university	26,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	85,000	S	S	89,000	S	S
Mechanical engineering	85,000	84,000	57,000	94,000	77,000	86,000
Business/industry	85,000	84,000	S	94,000	79,000	82,000
4-year college/university	54,000	43,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	91,000	84,000	S	96,000	S	S
Other engineering	80,000	76,000	46,000	90,000	74,000	84,000
Business/industry	86,000	80,000	S	93,000	77,000	92,000
4-year college/university	25,000	25,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	75,000	76,000	S	79,000	S	76,000
S&E-related fields	59,000	60,000	50,000	65,000	69,000	59,000
Business/industry	65,000	69,000	52,000	70,000	83,000	60,000
4-year college/university	54,000	44,000	50,000	62,000	S	63,000
Other educational institution	50,000	50,000	50,000	53,000	53,000	49,000
Government	63,000	63,000	60,000	64,000	S	63,000
Health	60,000	54,000	52,000	66,000	54,000	60,000
Business/industry	65,000	65,000	53,000	70,000	58,000	60,000
4-year college/university	59,000	45,000	55,000	65,000	S	66,000
Other educational institution	49,000	50,000	48,000	52,000	S	47,000
Government	61,000	59,000	59,000	62,000	S	63,000
Science/mathematics teacher education	49,000	44,000	50,000	49,000	59,000	46,000
Business/industry	20,000	S	S	21,000	S	20,000
4-year college/university	37,000	S	37,000	S	S	S
Other educational institution	51,000	50,000	51,000	52,000	S	52,000
Government	S	S	S	S	S	S
Technology/technical fields	81,000	90,000	S	89,000	90,000	76,000
Business/industry	90,000	91,000	S	96,000	90,000	81,000
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	70,000	66,000	S	75,000	S	68,000
Business/industry	74,000	66,000	S	79,000	S	72,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	70,000	S	S	69,000	S	S

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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
Non-S&E fields	63,000	70,000	49,000	75,000	77,000	53,000
Business/industry	80,000	84,000	50,000	86,000	84,000	54,000
4-year college/university	47,000	42,000	41,000	53,000	54,000	47,000
Other educational institution	50,000	48,000	49,000	54,000	53,000	52,000
Government	66,000	62,000	52,000	72,000	66,000	60,000
Arts/humanities	49,000	50,000	48,000	51,000	71,000	40,000
Business/industry	47,000	43,000	S	47,000	86,000	39,000
4-year college/university	47,000	S	44,000	S	S	S
Other educational institution	54,000	55,000	54,000	57,000	S	S
Government	61,000	S	S	S	S	S
Education, except science/mathematics teacher education	50,000	47,000	48,000	52,000	61,000	50,000
Business/industry	46,000	54,000	36,000	50,000	80,000	41,000
4-year college/university	42,000	41,000	39,000	47,000	S	38,000
Other educational institution	50,000	46,000	49,000	55,000	56,000	52,000
Government	59,000	S	S	61,000	S	52,000
Management/administration	90,000	90,000	50,000	91,000	84,000	78,000
Business/industry	91,000	90,000	70,000	95,000	87,000	80,000
4-year college/university	56,000	48,000	44,000	75,000	56,000	48,000
Other educational institution	49,000	53,000	48,000	50,000	S	S
Government	79,000	80,000	S	82,000	80,000	73,000
Sales/marketing	93,000	94,000	S	95,000	49,000	93,000
Business/industry	96,000	94,000	S	97,000	S	99,000
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	48,000	42,000	45,000	51,000	45,000	46,000
Business/industry	44,000	44,000	43,000	48,000	S	40,000
4-year college/university	43,000	S	43,000	S	S	53,000
Other educational institution	49,000	S	44,000	56,000	S	53,000
Government	57,000	51,000	S	60,000	S	52,000
Other non-S&E fields	59,000	54,000	51,000	64,000	58,000	52,000
Business/industry	59,000	59,000	S	60,000	83,000	44,000
4-year college/university	45,000	39,000	44,000	50,000	S	52,000
Other educational institution	50,000	S	55,000	S	S	S
Government	72,000	55,000	S	79,000	S	78,000
Doctorate degrees, all fields	79,000	83,000	65,000	90,000	87,000	70,000
Business/industry	95,000	100,000	61,000	100,000	95,000	73,000
4-year college/university	68,000	69,000	67,000	75,000	57,000	65,000
Other educational institution	61,000	63,000	55,000	74,000	42,000	61,000
Government	88,000	90,000	77,000	90,000	90,000	80,000
S&E fields	81,000	85,000	67,000	94,000	89,000	75,000
Business/industry	100,000	100,000	68,000	105,000	96,000	80,000
4-year college/university	68,000	70,000	69,000	77,000	59,000	65,000
Other educational institution	54,000	62,000	51,000	67,000	47,000	57,000
Government	90,000	91,000	77,000	92,000	89,000	80,000
Sciences	78,000	80,000	65,000	90,000	84,000	73,000
Business/industry	95,000	100,000	67,000	100,000	94,000	79,000
4-year college/university	66,000	67,000	66,000	74,000	56,000	65,000
Other educational institution	54,000	62,000	51,000	66,000	S	57,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	87,000	90,000	77,000	90,000	84,000	77,000
Biological/agricultural/environmental life sciences	76,000	75,000	66,000	88,000	73,000	82,000
Business/industry	98,000	98,000	70,000	103,000	79,000	99,000
4-year college/university	64,000	64,000	68,000	72,000	42,000	65,000
Other educational institution	53,000	68,000	50,000	62,000	S	64,000
Government	85,000	83,000	59,000	90,000	73,000	84,000
Agricultural/food sciences	74,000	75,000	67,000	76,000	79,000	74,000
Business/industry	79,000	85,000	S	76,000	S	77,000
4-year college/university	68,000	67,000	69,000	76,000	S	69,000
Other educational institution	61,000	S	S	S	S	S
Government	80,000	80,000	S	77,000	S	S
Biological sciences	76,000	76,000	66,000	90,000	73,000	84,000
Business/industry	100,000	100,000	71,000	109,000	78,000	102,000
4-year college/university	63,000	64,000	68,000	72,000	39,000	65,000
Other educational institution	53,000	60,000	50,000	64,000	S	51,000
Government	86,000	84,000	59,000	90,000	69,000	86,000
Environmental life sciences	75,000	71,000	64,000	82,000	S	74,000
Business/industry	89,000	93,000	S	90,000	S	71,000
4-year college/university	60,000	59,000	65,000	73,000	S	S
Other educational institution	S	S	S	S	S	S
Government	80,000	79,000	S	82,000	S	S
Computer/mathematical sciences	85,000	87,000	71,000	107,000	93,000	72,000
Business/industry	107,000	114,000	S	125,000	100,000	73,000
4-year college/university	74,000	75,000	72,000	84,000	65,000	68,000
Other educational institution	54,000	S	50,000	S	S	S
Government	96,000	97,000	S	108,000	87,000	S
Computer/information sciences	94,000	95,000	79,000	109,000	104,000	70,000
Business/industry	114,000	119,000	S	124,000	110,000	46,000
4-year college/university	80,000	81,000	79,000	89,000	65,000	81,000
Other educational institution	S	S	S	S	S	S
Government	98,000	S	S	S	S	S
Mathematical sciences	79,000	81,000	66,000	105,000	84,000	73,000
Business/industry	100,000	106,000	S	125,000	90,000	87,000
4-year college/university	70,000	70,000	67,000	82,000	63,000	57,000
Other educational institution	50,000	S	50,000	S	S	S
Government	90,000	91,000	S	109,000	80,000	S
Physical/related sciences	90,000	91,000	65,000	100,000	84,000	87,000
Business/industry	100,000	100,000	49,000	109,000	92,000	100,000
4-year college/university	66,000	67,000	68,000	77,000	59,000	60,000
Other educational institution	52,000	51,000	51,000	58,000	S	51,000
Government	100,000	104,000	S	105,000	98,000	80,000
Chemistry, except biochemistry	90,000	93,000	60,000	100,000	84,000	84,000
Business/industry	100,000	100,000	51,000	107,000	89,000	93,000
4-year college/university	62,000	64,000	63,000	70,000	63,000	60,000
Other educational institution	55,000	S	53,000	57,000	S	S
Government	95,000	97,000	S	100,000	S	75,000
Earth/atmospheric/ocean sciences	75,000	77,000	65,000	85,000	78,000	76,000
Business/industry	91,000	91,000	S	99,000	81,000	78,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	67,000	66,000	67,000	69,000	52,000	67,000
Other educational institution	47,000	S	45,000	S	S	S
Government	89,000	99,000	S	92,000	77,000	S
Physics/astronomy	94,000	95,000	69,000	110,000	89,000	99,000
Business/industry	107,000	108,000	S	120,000	96,000	119,000
4-year college/university	70,000	69,000	70,000	88,000	60,000	63,000
Other educational institution	50,000	S	50,000	S	S	S
Government	114,000	115,000	S	125,000	105,000	S
Other physical sciences	60,000	60,000	63,000	49,000	S	S
Business/industry	50,000	S	S	S	S	S
4-year college/university	60,000	60,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	86,000	S	S	S	S	S
Social/related sciences	70,000	73,000	63,000	79,000	84,000	67,000
Business/industry	75,000	85,000	67,000	80,000	93,000	67,000
4-year college/university	66,000	69,000	64,000	74,000	53,000	64,000
Other educational institution	58,000	60,000	52,000	69,000	S	56,000
Government	80,000	85,000	80,000	85,000	79,000	75,000
Economics	94,000	95,000	80,000	112,000	94,000	99,000
Business/industry	124,000	124,000	S	130,000	99,000	129,000
4-year college/university	88,000	89,000	83,000	109,000	S	74,000
Other educational institution	57,000	S	52,000	S	S	S
Government	103,000	100,000	S	108,000	S	97,000
Political/related sciences	66,000	65,000	62,000	79,000	S	57,000
Business/industry	75,000	78,000	S	87,000	S	53,000
4-year college/university	64,000	63,000	62,000	74,000	S	60,000
Other educational institution	55,000	S	55,000	S	S	S
Government	79,000	73,000	S	85,000	S	S
Psychology	68,000	70,000	62,000	74,000	85,000	66,000
Business/industry	72,000	80,000	71,000	75,000	98,000	67,000
4-year college/university	64,000	66,000	61,000	68,000	43,000	62,000
Other educational institution	59,000	62,000	53,000	67,000	S	57,000
Government	77,000	79,000	80,000	80,000	S	74,000
Sociology/anthropology	63,000	64,000	58,000	76,000	62,000	56,000
Business/industry	69,000	78,000	S	80,000	S	49,000
4-year college/university	62,000	60,000	60,000	73,000	S	60,000
Other educational institution	47,000	S	41,000	S	S	S
Government	79,000	81,000	S	86,000	S	80,000
Other social sciences	67,000	69,000	61,000	77,000	81,000	65,000
Business/industry	72,000	78,000	S	71,000	S	59,000
4-year college/university	65,000	67,000	62,000	77,000	S	66,000
Other educational institution	60,000	S	60,000	S	S	S
Government	75,000	68,000	S	83,000	S	S
Engineering	100,000	99,000	81,000	112,000	95,000	90,000
Business/industry	102,000	100,000	76,000	120,000	100,000	96,000
4-year college/university	81,000	80,000	83,000	95,000	63,000	77,000
Other educational institution	48,000	S	44,000	S	S	S
Government	100,000	100,000	S	101,000	100,000	90,000

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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
Aerospace/related engineering	96,000	92,000	79,000	115,000	92,000	109,000
Business/industry	100,000	94,000	S	119,000	101,000	103,000
4-year college/university	69,000	68,000	75,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	116,000	118,000	S	S	S	S
Chemical engineering	99,000	97,000	78,000	119,000	90,000	89,000
Business/industry	103,000	100,000	S	120,000	89,000	90,000
4-year college/university	78,000	73,000	81,000	110,000	S	S
Other educational institution	S	S	S	S	S	S
Government	94,000	100,000	S	S	S	S
Civil/architectural engineering	89,000	84,000	84,000	96,000	74,000	90,000
Business/industry	91,000	89,000	S	98,000	87,000	97,000
4-year college/university	81,000	81,000	84,000	91,000	S	S
Other educational institution	S	S	S	S	S	S
Government	86,000	72,000	S	90,000	S	S
Electrical/computer engineering	103,000	105,000	84,000	119,000	100,000	99,000
Business/industry	115,000	111,000	S	129,000	109,000	109,000
4-year college/university	83,000	85,000	85,000	87,000	64,000	85,000
Other educational institution	S	S	S	S	S	S
Government	100,000	101,000	S	97,000	S	S
Industrial engineering	88,000	90,000	73,000	106,000	S	S
Business/industry	105,000	109,000	S	108,000	S	S
4-year college/university	74,000	75,000	74,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Mechanical engineering	95,000	95,000	85,000	102,000	90,000	90,000
Business/industry	98,000	97,000	S	102,000	89,000	94,000
4-year college/university	85,000	85,000	89,000	96,000	S	S
Other educational institution	S	S	S	S	S	S
Government	109,000	106,000	S	S	S	S
Other engineering	95,000	95,000	80,000	109,000	90,000	90,000
Business/industry	100,000	100,000	S	116,000	96,000	94,000
4-year college/university	80,000	80,000	82,000	98,000	S	76,000
Other educational institution	41,000	S	34,000	S	S	S
Government	96,000	99,000	S	100,000	S	S
S&E-related fields	72,000	75,000	62,000	89,000	56,000	68,000
Business/industry	90,000	110,000	61,000	109,000	S	62,000
4-year college/university	65,000	63,000	62,000	79,000	43,000	66,000
Other educational institution	63,000	S	59,000	77,000	S	S
Government	90,000	84,000	S	84,000	S	134,000
Health	74,000	75,000	64,000	87,000	54,000	69,000
Business/industry	83,000	99,000	60,000	99,000	S	65,000
4-year college/university	70,000	68,000	66,000	77,000	S	68,000
Other educational institution	45,000	S	51,000	S	S	S
Government	90,000	84,000	S	83,000	S	134,000
Science/mathematics teacher education	55,000	S	53,000	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	54,000	S	53,000	S	S	S
Other educational institution	S	S	S	S	S	S

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	S	S	S	S	S	S
Technology/technical 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
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	65,000	70,000	61,000	70,000	57,000	60,000
Business/industry	65,000	72,000	S	71,000	S	58,000
4-year college/university	64,000	68,000	62,000	65,000	S	58,000
Other educational institution	64,000	S	60,000	90,000	S	61,000
Government	55,000	S	S	S	S	S
Arts/humanities	57,000	56,000	58,000	59,000	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	58,000	48,000	58,000	79,000	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Education, except science/mathematics teacher education	65,000	65,000	61,000	70,000	S	59,000
Business/industry	55,000	S	S	S	S	S
4-year college/university	62,000	60,000	61,000	63,000	S	S
Other educational institution	71,000	S	62,000	94,000	S	S
Government	S	S	S	S	S	S
Management/administration	99,000	101,000	97,000	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	101,000	107,000	98,000	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	52,000	49,000	49,000	61,000	S	60,000
Business/industry	60,000	S	S	S	S	S
4-year college/university	49,000	S	49,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Other non-S&E fields	63,000	63,000	54,000	78,000	S	S
Business/industry	75,000	S	S	S	S	S

TABLE 22. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006
(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	55,000	S	53,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S

S = 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, 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, state, and local employers. Salaries are for principal job and rounded to the nearest thousand. Respondents may have provided multiple responses for work activity.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 23. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006
(Dollars)

Level and field of highest degree	Employed scientists and engineers	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
All degree levels and fields[b]	60,000	74,000	48,000	50,000	65,000	54,000	53,000	60,000	52,000
S&E fields	59,000	70,000	41,000	50,000	63,000	50,000	50,000	60,000	49,000
Sciences	50,000	62,000	40,000	44,000	54,000	46,000	43,000	51,000	42,000
Biological/agricultural/environmental life sciences	49,000	55,000	40,000	65,000	48,000	48,000	39,000	50,000	46,000
Agricultural sciences	43,000	48,000	34,000	S	35,000	63,000	30,000	44,000	55,000
Biological sciences	50,000	60,000	41,000	44,000	50,000	46,000	38,000	50,000	46,000
Environmental life sciences	48,000	54,000	40,000	S	42,000	58,000	58,000	48,000	S
Computer/mathematical sciences	69,000	75,000	55,000	58,000	68,000	55,000	53,000	72,000	50,000
Computer/information sciences	72,000	75,000	60,000	S	69,000	58,000	55,000	76,000	60,000
Mathematics/statistics	60,000	65,000	45,000	S	60,000	51,000	48,000	60,000	38,000
Physical/related sciences	61,000	70,000	45,000	37,000	56,000	55,000	50,000	65,000	49,000
Chemistry, except biochemistry	60,000	70,000	50,000	S	59,000	50,000	51,000	64,000	48,000
Earth/atmospheric/ocean sciences	59,000	62,000	42,000	S	50,000	55,000	42,000	59,000	40,000
Physics/astronomy	75,000	81,000	42,000	S	52,000	42,000	43,000	83,000	73,000
Other physical sciences	48,000	63,000	40,000	S	44,000	64,000	39,000	50,000	S
Social/related sciences	45,000	58,000	38,000	31,000	42,000	42,000	41,000	45,000	39,000
Economics	62,000	72,000	44,000	S	47,000	58,000	60,000	68,000	57,000
Political/related sciences	52,000	59,000	42,000	43,000	45,000	42,000	49,000	55,000	44,000
Psychology	40,000	50,000	37,000	33,000	39,000	39,000	39,000	40,000	35,000
Sociology/anthropology	40,000	50,000	35,000	26,000	36,000	41,000	38,000	40,000	35,000
Other social sciences	42,000	52,000	38,000	S	43,000	46,000	38,000	43,000	30,000
Engineering	80,000	80,000	65,000	68,000	75,000	70,000	67,000	80,000	76,000
Aerospace/aeronautical/astronautical engineering	80,000	80,000	65,000	S	73,000	105,000	55,000	84,000	70,000
Chemical engineering	84,000	90,000	70,000	S	75,000	60,000	74,000	88,000	74,000
Civil/architectural engineering	75,000	78,000	60,000	S	70,000	69,000	62,000	78,000	88,000
Electrical/computer engineering	85,000	86,000	75,000	S	81,000	79,000	72,000	89,000	78,000
Industrial engineering	72,000	74,000	63,000	S	69,000	60,000	69,000	73,000	67,000
Mechanical engineering	80,000	80,000	64,000	S	72,000	70,000	69,000	80,000	62,000
Other engineering	75,000	78,000	58,000	S	72,000	58,000	61,000	75,000	74,000
S&E-related fields	60,000	84,000	50,000	56,000	70,000	59,000	55,000	60,000	57,000
Health	62,000	100,000	52,000	50,000	70,000	59,000	59,000	61,000	60,000
Science/mathematics teacher education	45,000	50,000	44,000	S	38,000	49,000	35,000	46,000	S
Technology/technical fields	69,000	69,000	59,000	S	73,000	65,000	50,000	69,000	S
Other S&E-related fields	70,000	74,000	50,000	S	58,000	68,000	58,000	70,000	S
Non-S&E fields	65,000	76,000	51,000	47,000	72,000	57,000	60,000	65,000	60,000
Arts/humanities	55,000	64,000	45,000	S	54,000	39,000	48,000	57,000	41,000
Education, except science/mathematics teacher education	50,000	55,000	47,000	S	42,000	49,000	48,000	50,000	43,000
Management/administration	82,000	89,000	67,000	S	80,000	68,000	82,000	84,000	68,000
Sales/marketing	81,000	89,000	68,000	S	97,000	77,000	68,000	80,000	S
Social services/related	47,000	51,000	43,000	S	42,000	52,000	59,000	46,000	S
Other non-S&E fields	75,000	85,000	59,000	S	77,000	55,000	75,000	75,000	57,000
Bachelor's degrees	53,000	65,000	42,000	50,000	55,000	49,000	48,000	55,000	48,000
S&E fields	53,000	65,000	38,000	52,000	52,000	46,000	46,000	55,000	45,000
Sciences	47,000	59,000	36,000	44,000	45,000	43,000	40,000	48,000	40,000

TABLE 23. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006
(Dollars)

Level and field of highest degree	Employed scientists and engineers	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Biological/agricultural/environmental life sciences	45,000	50,000	36,000	60,000	38,000	45,000	35,000	45,000	44,000
Agricultural sciences	39,000	46,000	30,000	S	22,000	64,000	29,000	40,000	S
Biological sciences	45,000	53,000	38,000	44,000	42,000	43,000	35,000	46,000	44,000
Environmental life sciences	48,000	54,000	37,000	S	S	S	60,000	48,000	S
Computer/mathematical sciences	63,000	70,000	50,000	S	55,000	51,000	49,000	68,000	46,000
Computer/information sciences	67,000	71,000	55,000	S	58,000	51,000	50,000	72,000	54,000
Mathematics/statistics	52,000	60,000	41,000	S	43,000	50,000	46,000	55,000	34,000
Physical/related sciences	55,000	60,000	42,000	S	45,000	49,000	50,000	57,000	42,000
Chemistry, except biochemistry	55,000	60,000	45,000	S	48,000	47,000	50,000	57,000	42,000
Earth/atmospheric/ocean sciences	55,000	56,000	42,000	S	S	S	32,000	55,000	S
Physics/astronomy	58,000	74,000	32,000	S	40,000	41,000	48,000	74,000	S
Other physical sciences	48,000	61,000	43,000	S	S	S	S	48,000	S
Social/related sciences	41,000	55,000	35,000	30,000	40,000	40,000	38,000	42,000	36,000
Economics	60,000	68,000	41,000	S	45,000	57,000	53,000	65,000	56,000
Political/related sciences	50,000	58,000	39,000	S	42,000	39,000	47,000	52,000	43,000
Psychology	35,000	45,000	31,000	S	37,000	34,000	35,000	35,000	31,000
Sociology/anthropology	38,000	49,000	34,000	S	34,000	40,000	36,000	39,000	35,000
Other social sciences	40,000	49,000	35,000	S	39,000	40,000	37,000	40,000	27,000
Engineering	75,000	78,000	62,000	69,000	70,000	69,000	64,000	79,000	74,000
Aerospace/aeronautical/astronautical engineering	75,000	77,000	62,000	S	71,000	96,000	55,000	78,000	68,000
Chemical engineering	79,000	85,000	68,000	S	69,000	55,000	65,000	84,000	S
Civil/architectural engineering	73,000	75,000	60,000	S	64,000	68,000	60,000	76,000	83,000
Electrical/computer engineering	80,000	81,000	67,000	S	75,000	75,000	70,000	84,000	74,000
Industrial engineering	69,000	72,000	60,000	S	58,000	59,000	72,000	70,000	S
Mechanical engineering	76,000	78,000	63,000	S	69,000	69,000	65,000	80,000	61,000
Other engineering	70,000	72,000	53,000	S	61,000	56,000	57,000	70,000	62,000
S&E-related fields	52,000	66,000	48,000	55,000	60,000	52,000	48,000	50,000	48,000
Health	50,000	69,000	48,000	50,000	60,000	52,000	47,000	50,000	48,000
Science/mathematics teacher education	40,000	44,000	39,000	S	S	S	32,000	42,000	S
Technology/technical fields	65,000	66,000	55,000	S	69,000	65,000	49,000	68,000	S
Other S&E-related fields	67,000	72,000	44,000	S	53,000	67,000	61,000	69,000	S
Non-S&E fields	56,000	65,000	47,000	S	54,000	48,000	55,000	58,000	52,000
Arts/humanities	58,000	66,000	45,000	S	60,000	S	49,000	59,000	S
Education, except science/mathematics teacher education	42,000	50,000	40,000	S	S	37,000	S	44,000	S
Management/administration	68,000	72,000	55,000	S	55,000	59,000	69,000	70,000	63,000
Sales/marketing	65,000	65,000	67,000	S	S	S	S	67,000	S
Social services/related	47,000	49,000	41,000	S	S	S	S	49,000	S
Other non-S&E fields	50,000	60,000	45,000	S	74,000	42,000	53,000	50,000	S
Master's degrees	64,000	78,000	51,000	49,000	74,000	60,000	59,000	63,000	60,000
S&E fields	69,000	80,000	50,000	40,000	75,000	61,000	57,000	68,000	51,000
Sciences	60,000	71,000	50,000	41,000	70,000	60,000	50,000	60,000	45,000
Biological/agricultural/environmental life sciences	51,000	59,000	49,000	S	55,000	61,000	47,000	50,000	41,000
Agricultural sciences	54,000	59,000	49,000	S	S	S	S	53,000	S
Biological sciences	51,000	59,000	49,000	S	55,000	61,000	47,000	51,000	46,000
Environmental life sciences	48,000	48,000	45,000	S	S	S	S	48,000	S

TABLE 23. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006
(Dollars)

Level and field of highest degree	Employed scientists and engineers	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Computer/mathematical sciences	80,000	86,000	65,000	S	76,000	73,000	66,000	84,000	63,000
Computer/information sciences	82,000	89,000	70,000	S	77,000	79,000	69,000	89,000	61,000
Mathematics/statistics	65,000	76,000	59,000	S	73,000	63,000	46,000	67,000	S
Physical/related sciences	66,000	72,000	50,000	S	56,000	56,000	48,000	70,000	47,000
Chemistry, except biochemistry	63,000	65,000	58,000	S	55,000	75,000	51,000	65,000	S
Earth/atmospheric/ocean sciences	66,000	74,000	39,000	S	47,000	S	69,000	67,000	S
Physics/astronomy	73,000	74,000	64,000	S	55,000	S	28,000	79,000	S
Other physical sciences	40,000	S	S	S	S	S	S	40,000	S
Social/related sciences	50,000	65,000	46,000	49,000	48,000	55,000	50,000	51,000	40,000
Economics	90,000	97,000	60,000	S	66,000	S	63,000	95,000	S
Political/related sciences	65,000	82,000	52,000	S	47,000	63,000	49,000	70,000	S
Psychology	46,000	52,000	44,000	S	48,000	50,000	49,000	46,000	39,000
Sociology/anthropology	46,000	52,000	38,000	S	S	49,000	54,000	45,000	S
Other social sciences	51,000	59,000	45,000	S	51,000	55,000	38,000	53,000	S
Engineering	86,000	90,000	72,000	S	80,000	76,000	80,000	90,000	82,000
Aerospace/aeronautical/astronautical engineering	86,000	85,000	92,000	S	69,000	S	53,000	90,000	S
Chemical engineering	91,000	96,000	78,000	S	89,000	60,000	.	95,000	S
Civil/architectural engineering	78,000	80,000	60,000	S	74,000	70,000	76,000	80,000	S
Electrical/computer engineering	95,000	96,000	83,000	S	89,000	91,000	88,000	100,000	S
Industrial engineering	80,000	79,000	89,000	S	78,000	59,000	64,000	85,000	S
Mechanical engineering	85,000	88,000	70,000	S	72,000	80,000	78,000	90,000	S
Other engineering	80,000	84,000	64,000	S	75,000	75,000	80,000	83,000	73,000
S&E-related fields	59,000	68,000	54,000	S	66,000	59,000	52,000	58,000	60,000
Health	60,000	75,000	56,000	S	61,000	59,000	57,000	60,000	72,000
Science/mathematics teacher education	49,000	51,000	47,000	S	44,000	54,000	35,000	49,000	S
Technology/technical fields	81,000	86,000	73,000	S	90,000	S	S	84,000	S
Other S&E-related fields	70,000	75,000	55,000	S	58,000	S	S	74,000	S
Non-S&E fields	63,000	80,000	50,000	49,000	74,000	58,000	60,000	64,000	60,000
Arts/humanities	49,000	57,000	42,000	S	51,000	S	48,000	50,000	S
Education, except science/mathematics teacher education	50,000	55,000	48,000	S	43,000	49,000	48,000	50,000	56,000
Management/administration	90,000	93,000	73,000	S	85,000	78,000	88,000	90,000	79,000
Sales/marketing	93,000	95,000	74,000	S	112,000	S	S	92,000	S
Social services/related	48,000	57,000	43,000	S	43,000	53,000	57,000	46,000	S
Other non-S&E fields	59,000	70,000	49,000	S	53,000	54,000	57,000	60,000	S
Doctorate degrees	79,000	85,000	65,000	60,000	83,000	65,000	65,000	80,000	67,000
S&E fields	81,000	90,000	65,000	65,000	83,000	69,000	71,000	82,000	78,000
Sciences	78,000	85,000	64,000	64,000	77,000	65,000	67,000	80,000	73,000
Biological/agricultural/environmental life sciences	76,000	82,000	62,000	S	69,000	64,000	63,000	80,000	88,000
Agricultural sciences	74,000	76,000	59,000	S	57,000	85,000	30,000	77,000	S
Biological sciences	76,000	84,000	62,000	S	69,000	63,000	65,000	80,000	91,000
Environmental life sciences	75,000	79,000	60,000	S	61,000	S	S	76,000	S
Computer/mathematical sciences	85,000	85,000	79,000	S	85,000	78,000	74,000	85,000	59,000
Computer/information sciences	94,000	95,000	85,000	S	94,000	83,000	80,000	95,000	S
Mathematics/statistics	79,000	80,000	73,000	S	78,000	70,000	74,000	80,000	S
Physical/related sciences	90,000	92,000	70,000	S	84,000	71,000	81,000	90,000	78,000
Chemistry, except biochemistry	90,000	95,000	75,000	S	84,000	76,000	82,000	94,000	72,000

TABLE 23. Median annual salaries of U.S. scientists and engineers, by level and field of highest degree, sex, and race/ethnicity: 2006
(Dollars)

Level and field of highest degree	Employed scientists and engineers	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
Earth/atmospheric/ocean sciences	75,000	79,000	64,000	S	62,000	S	69,000	78,000	S
Physics/astronomy	94,000	96,000	70,000	S	85,000	66,000	97,000	96,000	101,000
Other physical sciences	60,000	60,000	60,000	S	S	S	S	58,000	S
Social/related sciences	70,000	79,000	62,000	60,000	68,000	63,000	62,000	70,000	65,000
Economics	94,000	96,000	85,000	S	81,000	68,000	88,000	99,000	S
Political/related sciences	66,000	66,000	66,000	S	66,000	60,000	61,000	68,000	S
Psychology	68,000	80,000	60,000	59,000	62,000	64,000	59,000	69,000	64,000
Sociology/anthropology	63,000	68,000	60,000	S	56,000	66,000	57,000	64,000	69,000
Other social sciences	67,000	70,000	63,000	S	65,000	59,000	60,000	69,000	S
Engineering	100,000	100,000	87,000	S	95,000	88,000	90,000	100,000	109,000
Aerospace/aeronautical/astronautical engineering	96,000	99,000	S	S	81,000	S	S	99,000	S
Chemical engineering	99,000	100,000	89,000	S	90,000	88,000	113,000	104,000	S
Civil/architectural engineering	89,000	90,000	71,000	S	90,000	71,000	80,000	87,000	S
Electrical/computer engineering	103,000	105,000	95,000	S	100,000	103,000	81,000	110,000	114,000
Industrial engineering	88,000	88,000	88,000	S	100,000	S	S	87,000	S
Mechanical engineering	95,000	96,000	75,000	S	92,000	S	81,000	100,000	S
Other engineering	95,000	98,000	85,000	S	89,000	88,000	86,000	99,000	S
S&E-related fields	72,000	88,000	65,000	S	72,000	69,000	55,000	75,000	50,000
Health	74,000	86,000	67,000	S	71,000	74,000	55,000	75,000	78,000
Science/mathematics teacher education	55,000	S	60,000	S	S	S	S	55,000	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	65,000	65,000	64,000	S	94,000	59,000	60,000	64,000	S
Arts/humanities	57,000	69,000	48,000	S	S	S	S	58,000	S
Education, except science/mathematics teacher education	65,000	62,000	69,000	S	S	60,000	63,000	65,000	S
Management/administration	99,000	99,000	S	S	99,000	S	S	99,000	S
Sales/marketing	S	S	S	S	S	S	S	S	S
Social services/related	52,000	57,000	47,000	S	S	S	S	49,000	S
Other non-S&E fields	63,000	59,000	70,000	S	S	S	S	69,000	S

S = 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 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. Salaries are for principal job and rounded to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 24. 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]	60,000	61,000	62,000	60,000	55,000	60,000	50,000	59,000	59,000	66,000
S&E fields	59,000	60,000	60,000	56,000	52,000	59,000	50,000	60,000	55,000	62,000
Sciences	50,000	55,000	53,000	50,000	47,000	51,000	41,000	50,000	45,000	54,000
Biological/agricultural/environmental life sciences	49,000	50,000	50,000	45,000	45,000	49,000	36,000	47,000	45,000	52,000
Agricultural sciences	43,000	46,000	35,000	39,000	41,000	47,000	31,000	50,000	49,000	49,000
Biological sciences	50,000	53,000	56,000	46,000	48,000	48,000	39,000	45,000	44,000	52,000
Environmental life sciences	48,000	40,000	50,000	42,000	37,000	54,000	40,000	45,000	42,000	58,000
Computer/mathematical sciences	69,000	70,000	71,000	66,000	65,000	70,000	53,000	65,000	70,000	69,000
Computer/information sciences	72,000	76,000	72,000	69,000	70,000	73,000	64,000	70,000	77,000	72,000
Mathematics/statistics	60,000	61,000	69,000	64,000	52,000	60,000	42,000	52,000	53,000	60,000
Physical/related sciences	61,000	66,000	64,000	60,000	61,000	60,000	64,000	60,000	60,000	65,000
Chemistry, except biochemistry	60,000	73,000	62,000	62,000	63,000	55,000	53,000	60,000	63,000	64,000
Earth/atmospheric/ocean sciences	59,000	59,000	56,000	52,000	60,000	65,000	70,000	62,000	48,000	60,000
Physics/astronomy	75,000	68,000	76,000	75,000	60,000	83,000	74,000	70,000	76,000	75,000
Other physical sciences	48,000	45,000	58,000	S	S	48,000	S	32,000	62,000	40,000
Social/related sciences	45,000	48,000	48,000	41,000	39,000	46,000	38,000	43,000	40,000	50,000
Economics	62,000	69,000	71,000	60,000	49,000	69,000	58,000	60,000	59,000	61,000
Political/related sciences	52,000	59,000	56,000	45,000	50,000	54,000	40,000	45,000	48,000	55,000
Psychology	40,000	39,000	41,000	38,000	35,000	40,000	37,000	39,000	34,000	45,000
Sociology/anthropology	40,000	44,000	40,000	39,000	36,000	38,000	34,000	35,000	34,000	47,000
Other social sciences	42,000	55,000	46,000	43,000	32,000	41,000	36,000	52,000	38,000	44,000
Engineering	80,000	83,000	76,000	75,000	72,000	80,000	72,000	85,000	78,000	85,000
Aerospace/aeronautical/astronautical engineering	80,000	106,000	56,000	69,000	63,000	92,000	87,000	85,000	75,000	80,000
Chemical engineering	84,000	80,000	84,000	76,000	78,000	79,000	95,000	90,000	83,000	87,000
Civil/architectural engineering	75,000	74,000	74,000	72,000	74,000	78,000	68,000	76,000	73,000	78,000
Electrical/computer engineering	85,000	96,000	79,000	75,000	77,000	85,000	71,000	89,000	85,000	93,000
Industrial engineering	72,000	74,000	66,000	74,000	66,000	78,000	77,000	69,000	70,000	66,000
Mechanical engineering	80,000	74,000	76,000	78,000	70,000	78,000	66,000	85,000	78,000	83,000
Other engineering	75,000	60,000	75,000	74,000	69,000	75,000	75,000	80,000	67,000	84,000
S&E-related fields	60,000	58,000	62,000	57,000	60,000	64,000	51,000	58,000	60,000	70,000
Health	62,000	60,000	63,000	58,000	60,000	65,000	53,000	59,000	60,000	70,000
Science/mathematics teacher education	45,000	48,000	49,000	48,000	34,000	48,000	41,000	42,000	46,000	43,000
Technology/technical fields	69,000	54,000	69,000	69,000	59,000	74,000	46,000	67,000	74,000	75,000
Other S&E-related fields	70,000	69,000	64,000	55,000	67,000	71,000	S	77,000	60,000	76,000
Non-S&E fields	65,000	69,000	70,000	65,000	56,000	65,000	50,000	59,000	59,000	72,000
Arts/humanities	55,000	51,000	59,000	53,000	49,000	57,000	29,000	50,000	50,000	65,000

TABLE 24. 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	50,000	55,000	54,000	50,000	44,000	48,000	43,000	46,000	48,000	53,000
Management/administration	82,000	84,000	94,000	83,000	78,000	77,000	67,000	79,000	75,000	86,000
Sales/marketing	81,000	99,000	89,000	87,000	78,000	75,000	S	65,000	65,000	80,000
Social services/related	47,000	49,000	52,000	50,000	40,000	44,000	43,000	44,000	40,000	51,000
Other non-S&E fields	75,000	79,000	73,000	69,000	59,000	80,000	58,000	60,000	71,000	84,000
Bachelor's degrees	53,000	54,000	55,000	52,000	50,000	53,000	45,000	52,000	50,000	60,000
S&E fields	53,000	55,000	52,000	52,000	50,000	53,000	45,000	55,000	49,000	58,000
Sciences	47,000	50,000	48,000	45,000	45,000	48,000	37,000	45,000	40,000	50,000
Biological/agricultural/environmental life sciences	45,000	48,000	48,000	40,000	41,000	44,000	32,000	45,000	39,000	50,000
Agricultural sciences	39,000	46,000	34,000	37,000	41,000	41,000	30,000	48,000	39,000	46,000
Biological sciences	45,000	50,000	50,000	41,000	43,000	41,000	32,000	42,000	39,000	50,000
Environmental life sciences	48,000	32,000	54,000	42,000	37,000	50,000	S	42,000	34,000	58,000
Computer/mathematical sciences	63,000	65,000	65,000	64,000	65,000	65,000	50,000	61,000	65,000	60,000
Computer/information sciences	67,000	75,000	65,000	65,000	70,000	70,000	61,000	70,000	72,000	60,000
Mathematics/statistics	52,000	58,000	62,000	60,000	49,000	51,000	42,000	50,000	43,000	52,000
Physical/related sciences	55,000	55,000	50,000	55,000	55,000	53,000	58,000	57,000	50,000	54,000
Chemistry, except biochemistry	55,000	55,000	46,000	53,000	58,000	50,000	46,000	60,000	61,000	57,000
Earth/atmospheric/ocean sciences	55,000	48,000	50,000	52,000	53,000	62,000	67,000	58,000	41,000	56,000
Physics/astronomy	58,000	53,000	50,000	76,000	48,000	74,000	64,000	63,000	23,000	65,000
Other physical sciences	48,000	S	S	S	S	47,000	S	S	S	39,000
Social/related sciences	41,000	42,000	43,000	40,000	36,000	41,000	35,000	39,000	37,000	47,000
Economics	60,000	64,000	63,000	58,000	45,000	65,000	56,000	61,000	58,000	59,000
Political/related sciences	50,000	48,000	54,000	44,000	50,000	50,000	35,000	45,000	45,000	54,000
Psychology	35,000	35,000	35,000	32,000	31,000	36,000	30,000	34,000	27,000	39,000
Sociology/anthropology	38,000	43,000	40,000	37,000	35,000	36,000	31,000	32,000	31,000	46,000
Other social sciences	40,000	51,000	41,000	37,000	33,000	39,000	34,000	49,000	37,000	41,000
Engineering	75,000	78,000	72,000	72,000	70,000	75,000	72,000	85,000	72,000	80,000
Aerospace/aeronautical/astronautical engineering	75,000	107,000	54,000	66,000	60,000	93,000	87,000	85,000	71,000	76,000
Chemical engineering	79,000	71,000	75,000	72,000	75,000	72,000	98,000	90,000	80,000	80,000
Civil/architectural engineering	73,000	74,000	72,000	72,000	73,000	71,000	66,000	76,000	68,000	75,000
Electrical/computer engineering	80,000	95,000	72,000	71,000	74,000	80,000	71,000	88,000	81,000	86,000
Industrial engineering	69,000	70,000	64,000	65,000	65,000	77,000	79,000	69,000	70,000	60,000
Mechanical engineering	76,000	70,000	73,000	76,000	69,000	75,000	63,000	85,000	69,000	80,000
Other engineering	70,000	50,000	69,000	60,000	64,000	69,000	75,000	78,000	58,000	75,000
S&E-related fields	52,000	50,000	57,000	50,000	49,000	51,000	45,000	50,000	55,000	60,000
Health	50,000	50,000	55,000	48,000	46,000	50,000	45,000	50,000	50,000	59,000

TABLE 24. 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	40,000	S	38,000	44,000	34,000	43,000	S	41,000	S	37,000
Technology/technical fields	65,000	52,000	67,000	68,000	59,000	70,000	42,000	66,000	73,000	67,000
Other S&E-related fields	67,000	56,000	63,000	53,000	69,000	73,000	S	77,000	62,000	75,000
Non-S&E fields	56,000	60,000	62,000	58,000	48,000	59,000	43,000	49,000	50,000	65,000
Arts/humanities	58,000	51,000	68,000	53,000	42,000	57,000	S	51,000	50,000	70,000
Education, except science/mathematics teacher education	42,000	56,000	56,000	43,000	34,000	46,000	S	38,000	48,000	39,000
Management/administration	68,000	77,000	68,000	69,000	63,000	70,000	53,000	62,000	53,000	74,000
Sales/marketing	65,000	S	77,000	79,000	S	40,000	S	S	S	S
Social services/related	47,000	S	S	S	S	42,000	S	S	S	49,000
Other non-S&E fields	50,000	59,000	52,000	50,000	46,000	60,000	S	47,000	41,000	59,000
Master's degrees	64,000	65,000	68,000	63,000	58,000	62,000	52,000	60,000	60,000	70,000
S&E fields	69,000	69,000	74,000	64,000	55,000	70,000	59,000	61,000	67,000	75,000
Sciences	60,000	60,000	70,000	55,000	50,000	61,000	52,000	53,000	54,000	65,000
Biological/agricultural/environmental life sciences	51,000	53,000	60,000	50,000	48,000	52,000	52,000	50,000	49,000	50,000
Agricultural sciences	54,000	S	41,000	66,000	43,000	47,000	S	S	S	56,000
Biological sciences	51,000	55,000	65,000	51,000	48,000	51,000	46,000	49,000	41,000	50,000
Environmental life sciences	48,000	S	S	40,000	S	55,000	S	S	S	48,000
Computer/mathematical sciences	80,000	78,000	79,000	73,000	70,000	82,000	65,000	69,000	83,000	90,000
Computer/information sciences	82,000	82,000	80,000	75,000	74,000	84,000	68,000	69,000	88,000	92,000
Mathematics/statistics	65,000	72,000	74,000	66,000	60,000	65,000	45,000	59,000	61,000	65,000
Physical/related sciences	66,000	66,000	74,000	59,000	65,000	63,000	71,000	63,000	65,000	65,000
Chemistry, except biochemistry	63,000	63,000	76,000	60,000	S	53,000	S	48,000	S	62,000
Earth/atmospheric/ocean sciences	66,000	S	66,000	50,000	S	76,000	92,000	84,000	60,000	67,000
Physics/astronomy	73,000	58,000	87,000	64,000	S	80,000	S	60,000	79,000	68,000
Other physical sciences	40,000	S	S	S	S	S	S	S	S	S
Social/related sciences	50,000	56,000	59,000	46,000	46,000	55,000	45,000	47,000	47,000	52,000
Economics	90,000	101,000	126,000	69,000	S	77,000	S	44,000	50,000	90,000
Political/related sciences	65,000	65,000	72,000	39,000	S	82,000	S	44,000	S	66,000
Psychology	46,000	45,000	52,000	45,000	46,000	42,000	42,000	45,000	40,000	49,000
Sociology/anthropology	46,000	S	35,000	38,000	S	53,000	S	43,000	62,000	54,000
Other social sciences	51,000	41,000	58,000	58,000	S	49,000	S	50,000	S	43,000
Engineering	86,000	90,000	83,000	79,000	74,000	89,000	71,000	84,000	89,000	95,000
Aerospace/aeronautical/astronautical engineering	86,000	S	S	78,000	S	87,000	S	S	93,000	92,000
Chemical engineering	91,000	S	109,000	75,000	S	91,000	S	89,000	S	93,000
Civil/architectural engineering	78,000	69,000	74,000	71,000	77,000	89,000	S	76,000	82,000	80,000
Electrical/computer engineering	95,000	100,000	90,000	80,000	81,000	93,000	65,000	90,000	95,000	99,000

TABLE 24. 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
Industrial engineering	80,000	S	80,000	83,000	S	84,000	S	65,000	S	87,000
Mechanical engineering	85,000	80,000	93,000	79,000	71,000	81,000	74,000	82,000	87,000	97,000
Other engineering	80,000	71,000	77,000	80,000	69,000	86,000	71,000	80,000	83,000	84,000
S&E-related fields	59,000	57,000	59,000	56,000	60,000	56,000	51,000	56,000	57,000	64,000
Health	60,000	56,000	59,000	55,000	69,000	58,000	51,000	59,000	57,000	64,000
Science/mathematics teacher education	49,000	44,000	51,000	54,000	36,000	49,000	41,000	43,000	52,000	52,000
Technology/technical fields	81,000	S	90,000	82,000	S	79,000	S	S	S	90,000
Other S&E-related fields	70,000	S	63,000	74,000	S	64,000	S	73,000	S	76,000
Non-S&E fields	63,000	68,000	67,000	65,000	55,000	60,000	50,000	60,000	58,000	70,000
Arts/humanities	49,000	S	49,000	44,000	S	50,000	S	49,000	S	56,000
Education, except science/mathematics teacher education	50,000	55,000	53,000	50,000	48,000	47,000	43,000	50,000	47,000	53,000
Management/administration	90,000	85,000	100,000	91,000	90,000	80,000	72,000	84,000	83,000	90,000
Sales/marketing	93,000	S	94,000	88,000	S	106,000	S	S	S	79,000
Social services/related	48,000	49,000	55,000	50,000	34,000	44,000	41,000	45,000	40,000	55,000
Other non-S&E fields	59,000	69,000	49,000	53,000	52,000	64,000	S	48,000	61,000	70,000
Doctorate degrees	79,000	81,000	81,000	75,000	67,000	80,000	67,000	75,000	73,000	88,000
S&E fields	81,000	85,000	85,000	78,000	71,000	80,000	73,000	80,000	77,000	90,000
Sciences	78,000	80,000	81,000	72,000	70,000	80,000	70,000	75,000	72,000	84,000
Biological/agricultural/environmental life sciences	76,000	80,000	75,000	74,000	72,000	79,000	65,000	71,000	70,000	80,000
Agricultural sciences	74,000	S	65,000	76,000	76,000	75,000	68,000	70,000	58,000	72,000
Biological sciences	76,000	80,000	77,000	74,000	70,000	79,000	64,000	70,000	73,000	81,000
Environmental life sciences	75,000	S	S	57,000	75,000	85,000	67,000	80,000	73,000	76,000
Computer/mathematical sciences	85,000	89,000	90,000	75,000	74,000	84,000	76,000	80,000	76,000	100,000
Computer/information sciences	94,000	97,000	95,000	75,000	82,000	99,000	86,000	93,000	76,000	108,000
Mathematics/statistics	79,000	80,000	85,000	75,000	72,000	79,000	71,000	69,000	73,000	86,000
Physical/related sciences	90,000	96,000	94,000	80,000	73,000	88,000	74,000	85,000	84,000	98,000
Chemistry, except biochemistry	90,000	97,000	98,000	82,000	78,000	84,000	75,000	80,000	85,000	97,000
Earth/atmospheric/ocean sciences	75,000	70,000	71,000	69,000	61,000	77,000	61,000	90,000	73,000	84,000
Physics/astronomy	94,000	100,000	91,000	80,000	75,000	97,000	81,000	88,000	88,000	104,000
Other physical sciences	60,000	S	S	S	S	59,000	S	S	S	S
Social/related sciences	70,000	72,000	74,000	67,000	63,000	73,000	69,000	68,000	62,000	70,000
Economics	94,000	89,000	103,000	90,000	70,000	99,000	95,000	89,000	81,000	94,000
Political/related sciences	66,000	75,000	66,000	55,000	60,000	70,000	52,000	65,000	64,000	71,000
Psychology	68,000	68,000	70,000	65,000	64,000	70,000	72,000	65,000	60,000	70,000
Sociology/anthropology	63,000	70,000	66,000	63,000	58,000	67,000	52,000	62,000	58,000	63,000
Other social sciences	67,000	78,000	70,000	68,000	55,000	60,000	S	66,000	59,000	67,000

TABLE 24. 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
Engineering	100,000	99,000	97,000	93,000	85,000	97,000	90,000	97,000	100,000	103,000
Aerospace/aeronautical/astronautical engineering	96,000	S	S	97,000	S	100,000	S	S	S	104,000
Chemical engineering	99,000	98,000	98,000	99,000	99,000	99,000	98,000	93,000	98,000	99,000
Civil/architectural engineering	89,000	105,000	83,000	85,000	73,000	86,000	80,000	85,000	89,000	93,000
Electrical/computer engineering	103,000	109,000	103,000	98,000	94,000	99,000	99,000	108,000	100,000	114,000
Industrial engineering	88,000	S	S	75,000	S	S	S	103,000	S	S
Mechanical engineering	95,000	95,000	87,000	93,000	94,000	92,000	85,000	101,000	99,000	99,000
Other engineering	95,000	90,000	100,000	90,000	77,000	97,000	77,000	90,000	104,000	104,000
S&E-related fields	72,000	75,000	68,000	58,000	69,000	86,000	62,000	88,000	59,000	80,000
Health	74,000	79,000	69,000	59,000	78,000	89,000	68,000	67,000	69,000	70,000
Science/mathematics teacher education	55,000	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	65,000	71,000	77,000	61,000	52,000	64,000	57,000	61,000	63,000	72,000
Arts/humanities	57,000	S	S	S	S	S	S	S	S	S
Education, except science/mathematics teacher education	65,000	S	79,000	63,000	S	64,000	S	61,000	S	71,000
Management/administration	99,000	S	S	S	S	S	S	S	S	S
Sales/marketing	S	S	S	S	S	S	S	S	S	S
Social services/related	52,000	S	S	S	S	S	S	S	S	S
Other non-S&E fields	63,000	S	S	S	S	S	S	S	S	S

S = 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. Salaries are for principal job and rounded to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 25. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	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 degrees and occupations[a]	60,000	68,000	72,000	50,000	50,000	45,000	48,000	44,000	60,000	75,000	53,000
S&E occupations	72,000	78,000	80,000	60,000	62,000	47,000	47,000	47,000	68,000	80,000	60,000
Scientists	70,000	77,000	80,000	59,000	60,000	46,000	46,000	46,000	63,000	76,000	55,000
Biological/agricultural/other life scientists	55,000	68,000	73,000	49,000	50,000	42,000	42,000	44,000	58,000	68,000	50,000
Agricultural/food scientists	55,000	65,000	66,000	S	S	41,000	41,000	S	57,000	65,000	48,000
Biological/medical scientists	55,000	70,000	74,000	49,000	49,000	40,000	40,000	S	59,000	73,000	50,000
Environmental life scientists	59,000	60,000	60,000	S	60,000	49,000	49,000	S	57,000	62,000	46,000
Postsecondary teachers-life/related sciences	50,000	S	S	S	S	50,000	53,000	44,000	S	S	S
Computer/mathematical scientists	75,000	80,000	80,000	64,000	64,000	48,000	50,000	40,000	66,000	78,000	60,000
Computer/information scientists	76,000	80,000	80,000	60,000	64,000	50,000	51,000	40,000	65,000	78,000	60,000
Mathematical scientists	73,000	82,000	86,000	78,000	49,000	44,000	40,000	S	72,000	81,000	50,000
Postsecondary teachers-computer/mathematics/science	44,000	S	S	S	S	44,000	50,000	40,000	S	S	S
Physical/related scientists	60,000	66,000	65,000	57,000	82,000	45,000	45,000	50,000	60,000	81,000	52,000
Chemists, except biochemists	62,000	65,000	65,000	47,000	60,000	29,000	29,000	S	66,000	84,000	53,000
Earth/atmospheric/ocean scientists	60,000	63,000	63,000	52,000	78,000	45,000	45,000	S	63,000	80,000	53,000
Physicists/astronomers	67,000	99,000	99,000	S	98,000	28,000	28,000	S	105,000	105,000	104,000
Postsecondary teachers-physical/related sciences	52,000	S	S	S	S	52,000	52,000	50,000	S	S	S
Other physical/related scientists	55,000	60,000	60,000	S	S	44,000	44,000	S	55,000	79,000	50,000
Social/related scientists	55,000	60,000	70,000	59,000	50,000	49,000	45,000	51,000	65,000	90,000	53,000
Economists	90,000	106,000	114,000	51,000	55,000	49,000	49,000	S	88,000	100,000	45,000
Political/related scientists	49,000	59,000	S	S	59,000	28,000	29,000	S	49,000	87,000	S
Postsecondary teachers-social/related sciences	50,000	S	S	S	S	50,000	51,000	42,000	S	S	S
Psychologists	51,000	54,000	54,000	59,000	49,000	49,000	35,000	52,000	61,000	71,000	59,000
Sociologists/anthropologists	40,000	46,000	39,000	S	36,000	23,000	22,000	S	44,000	49,000	41,000
Other social/related scientists	65,000	69,000	72,000	52,000	52,000	44,000	44,000	S	65,000	91,000	58,000
Engineers	79,000	80,000	80,000	64,000	78,000	54,000	54,000	54,000	76,000	86,000	68,000
Aerospace/aeronautical/astronautical engineers	90,000	90,000	90,000	S	110,000	39,000	39,000	S	90,000	90,000	S
Chemical engineers	85,000	87,000	87,000	S	S	20,000	20,000	S	89,000	107,000	S
Civil/architectural/sanitary engineers	70,000	70,000	70,000	62,000	87,000	37,000	28,000	S	71,000	84,000	70,000
Electrical/computer hardware engineers	85,000	86,000	87,000	67,000	71,000	56,000	52,000	S	85,000	88,000	76,000
Industrial engineers	69,000	69,000	69,000	S	S	20,000	19,000	S	70,000	70,000	S
Mechanical engineers	78,000	78,000	78,000	62,000	84,000	54,000	52,000	S	81,000	87,000	71,000
Postsecondary teachers-engineering	67,000	S	S	S	S	67,000	69,000	49,000	S	S	S
Other engineers	76,000	79,000	80,000	60,000	78,000	36,000	36,000	S	71,000	84,000	60,000
S&E-related occupations	60,000	66,000	72,000	75,000	55,000	49,000	55,000	46,000	60,000	70,000	55,000

TABLE 25. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Health-related occupations	60,000	62,000	68,000	86,000	54,000	51,000	55,000	45,000	57,000	65,000	52,000
S&E managers	101,000	105,000	109,000	S	81,000	84,000	89,000	S	89,000	105,000	79,000
S&E precollege teachers	47,000	S	S	S	S	47,000	S	47,000	S	S	S
S&E technicians/technologists	55,000	60,000	60,000	46,000	49,000	34,000	34,000	S	51,000	56,000	50,000
Other S&E-related occupations	69,000	70,000	70,000	60,000	67,000	S	S	S	66,000	S	63,000
Non-S&E occupations	50,000	55,000	62,000	40,000	38,000	41,000	43,000	40,000	55,000	70,000	50,000
Art/humanities/related occupations	45,000	49,000	54,000	25,000	26,000	31,000	36,000	S	46,000	50,000	34,000
Management-related occupations	65,000	70,000	70,000	50,000	52,000	50,000	50,000	47,000	64,000	80,000	55,000
Non-S&E managers	101,000	114,000	119,000	96,000	89,000	78,000	88,000	75,000	91,000	110,000	85,000
Non-S&E postsecondary teachers	43,000	S	S	S	S	42,000	44,000	40,000	S	S	S
Non-S&E precollege/other teachers	38,000	20,000	20,000	S	11,000	38,000	S	38,000	S	S	S
Sales/marketing occupations	59,000	59,000	60,000	40,000	49,000	48,000	62,000	S	47,000	S	43,000
Social services/related occupations	38,000	35,000	39,000	35,000	33,000	42,000	35,000	47,000	42,000	60,000	42,000
Other non-S&E occupations	41,000	40,000	41,000	34,000	30,000	32,000	32,000	27,000	52,000	60,000	48,000
Bachelor's degrees, all occupations	53,000	60,000	63,000	40,000	45,000	36,000	38,000	36,000	53,000	65,000	50,000
S&E occupations	70,000	75,000	75,000	59,000	58,000	33,000	31,000	36,000	63,000	74,000	56,000
Scientists	66,000	74,000	75,000	56,000	54,000	33,000	31,000	34,000	58,000	70,000	53,000
Biological/agricultural/other life scientists	45,000	56,000	59,000	S	42,000	25,000	25,000	S	52,000	66,000	46,000
Agricultural/food scientists	50,000	51,000	56,000	S	S	28,000	28,000	S	55,000	68,000	S
Biological/medical scientists	43,000	56,000	59,000	S	42,000	26,000	26,000	S	50,000	66,000	45,000
Environmental life scientists	53,000	59,000	50,000	S	S	S	S	S	53,000	61,000	43,000
Postsecondary teachers-life/related sciences	20,000	S	S	S	S	20,000	15,000	S	S	S	S
Computer/mathematical scientists	72,000	75,000	77,000	58,000	61,000	45,000	49,000	37,000	63,000	72,000	58,000
Computer/information scientists	73,000	75,000	77,000	57,000	62,000	49,000	50,000	37,000	64,000	72,000	59,000
Mathematical scientists	55,000	59,000	65,000	S	S	24,000	S	S	55,000	70,000	S
Postsecondary teachers-computer/mathematics/science	21,000	S	S	S	S	21,000	18,000	25,000	S	S	S
Physical/related scientists	51,000	57,000	57,000	79,000	S	22,000	22,000	S	54,000	68,000	49,000
Chemists, except biochemists	55,000	57,000	57,000	S	S	22,000	22,000	S	60,000	77,000	50,000
Earth/atmospheric/ocean scientists	55,000	55,000	55,000	S	S	32,000	32,000	S	54,000	62,000	47,000
Physicists/astronomers	23,000	S	S	S	S	20,000	20,000	S	S	S	S
Postsecondary teachers-physical/related sciences	21,000	S	S	S	S	21,000	21,000	S	S	S	S
Other physical/related scientists	49,000	60,000	53,000	S	S	S	S	S	49,000	S	48,000
Social/related scientists	45,000	54,000	60,000	S	41,000	14,000	14,000	14,000	53,000	64,000	49,000
Economists	52,000	54,000	S	S	S	S	S	S	S	S	S
Political/related scientists	44,000	S	S	S	S	S	S	S	S	S	S

TABLE 25. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Postsecondary teachers-social/related sciences	13,000	S	S	S	S	13,000	12,000	S	S	S	S
Psychologists	29,000	38,000	S	S	S	21,000	20,000	S	S	S	S
Sociologists/anthropologists	19,000	S	S	S	S	S	S	S	S	S	S
Other social/related scientists	59,000	60,000	65,000	S	S	S	S	S	59,000	S	53,000
Engineers	75,000	75,000	75,000	59,000	75,000	35,000	31,000	50,000	72,000	83,000	65,000
Aerospace/aeronautical/astronautical engineers	85,000	85,000	85,000	S	S	25,000	25,000	S	85,000	86,000	S
Chemical engineers	79,000	81,000	82,000	S	S	18,000	18,000	S	S	S	S
Civil/architectural/sanitary engineers	68,000	68,000	69,000	57,000	S	S	S	S	68,000	81,000	67,000
Electrical/computer hardware engineers	80,000	80,000	80,000	68,000	62,000	57,000	53,000	S	79,000	81,000	65,000
Industrial engineers	65,000	65,000	65,000	S	S	S	S	S	S	S	S
Mechanical engineers	75,000	75,000	75,000	53,000	S	65,000	59,000	S	78,000	80,000	70,000
Postsecondary teachers-engineering	45,000	S	S	S	S	45,000	27,000	S	S	S	S
Other engineers	72,000	75,000	75,000	40,000	79,000	33,000	33,000	S	67,000	83,000	55,000
S&E-related occupations	50,000	54,000	56,000	47,000	50,000	44,000	48,000	41,000	53,000	59,000	51,000
Health-related occupations	50,000	50,000	50,000	45,000	50,000	47,000	48,000	39,000	51,000	55,000	49,000
S&E managers	100,000	102,000	105,000	S	80,000	70,000	75,000	S	82,000	100,000	75,000
S&E precollege teachers	42,000	S	S	S	S	42,000	S	42,000	S	S	S
S&E technicians/technologists	55,000	57,000	59,000	46,000	51,000	35,000	34,000	S	51,000	55,000	51,000
Other S&E-related occupations	68,000	69,000	70,000	58,000	S	S	S	S	66,000	S	S
Non-S&E occupations	45,000	49,000	52,000	35,000	33,000	30,000	30,000	30,000	47,000	57,000	42,000
Art/humanities/related occupations	48,000	50,000	54,000	45,000	27,000	18,000	17,000	S	32,000	S	S
Management-related occupations	60,000	60,000	62,000	49,000	44,000	45,000	45,000	41,000	61,000	79,000	51,000
Non-S&E managers	100,000	100,000	107,000	95,000	79,000	56,000	62,000	49,000	85,000	105,000	73,000
Non-S&E postsecondary teachers	15,000	S	S	S	S	15,000	14,000	14,000	S	S	S
Non-S&E precollege/other teachers	29,000	20,000	S	S	S	30,000	S	30,000	S	S	S
Sales/marketing occupations	53,000	53,000	56,000	40,000	48,000	41,000	S	S	49,000	S	S
Social services/related occupations	32,000	29,000	31,000	S	29,000	30,000	30,000	30,000	34,000	S	34,000
Other non-S&E occupations	35,000	33,000	35,000	27,000	28,000	26,000	29,000	24,000	45,000	49,000	42,000
Master's degrees, all occupations	64,000	75,000	84,000	40,000	53,000	49,000	44,000	50,000	66,000	82,000	59,000
S&E occupations	76,000	85,000	88,000	57,000	65,000	41,000	36,000	49,000	72,000	86,000	63,000
Scientists	72,000	83,000	87,000	50,000	64,000	41,000	37,000	49,000	66,000	83,000	57,000
Biological/agricultural/other life scientists	55,000	69,000	71,000	S	51,000	38,000	37,000	45,000	59,000	65,000	50,000
Agricultural/food scientists	57,000	72,000	72,000	S	S	41,000	41,000	S	S	S	S
Biological/medical scientists	56,000	69,000	70,000	S	50,000	35,000	35,000	S	59,000	68,000	50,000
Environmental life scientists	60,000	S	S	S	S	S	S	S	60,000	S	S
Postsecondary teachers-life/related sciences	38,000	S	S	S	S	38,000	36,000	45,000	S	S	S

TABLE 25. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Computer/mathematical scientists	81,000	88,000	90,000	72,000	73,000	45,000	46,000	43,000	75,000	90,000	63,000
Computer/information scientists	85,000	88,000	90,000	69,000	73,000	50,000	52,000	45,000	74,000	94,000	63,000
Mathematical scientists	78,000	84,000	90,000	S	S	35,000	33,000	S	79,000	81,000	S
Postsecondary teachers-computer/mathematics/science	39,000	S	S	S	S	39,000	36,000	41,000	S	S	S
Physical/related scientists	64,000	71,000	73,000	S	S	34,000	28,000	48,000	69,000	84,000	57,000
Chemists, except biochemists	70,000	72,000	72,000	S	S	22,000	22,000	S	65,000	S	S
Earth/atmospheric/ocean scientists	69,000	75,000	79,000	S	S	36,000	36,000	S	69,000	85,000	54,000
Physicists/astronomers	45,000	72,000	S	S	S	20,000	20,000	S	S	S	S
Postsecondary teachers-physical/related sciences	41,000	S	S	S	S	41,000	36,000	48,000	S	S	S
Other physical/related scientists	62,000	42,000	63,000	S	S	S	S	S	75,000	S	S
Social/related scientists	50,000	59,000	83,000	49,000	49,000	43,000	22,000	51,000	66,000	91,000	50,000
Economists	97,000	122,000	126,000	S	S	S	S	S	85,000	102,000	S
Political/related scientists	69,000	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	28,000	S	S	S	S	27,000	20,000	42,000	S	S	S
Psychologists	49,000	48,000	49,000	49,000	44,000	49,000	20,000	52,000	48,000	S	46,000
Sociologists/anthropologists	47,000	52,000	S	S	S	25,000	24,000	S	S	S	S
Other social/related scientists	70,000	79,000	90,000	S	51,000	S	S	S	70,000	92,000	57,000
Engineers	85,000	89,000	89,000	82,000	82,000	34,000	29,000	S	82,000	92,000	76,000
Aerospace/aeronautical/astronautical engineers	94,000	95,000	95,000	S	S	30,000	30,000	S	90,000	90,000	S
Chemical engineers	89,000	90,000	90,000	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	78,000	78,000	77,000	S	S	S	S	S	78,000	88,000	76,000
Electrical/computer hardware engineers	93,000	94,000	94,000	S	S	25,000	25,000	S	90,000	95,000	S
Industrial engineers	78,000	77,000	77,000	S	S	S	S	S	S	S	S
Mechanical engineers	82,000	82,000	82,000	S	S	25,000	25,000	S	99,000	100,000	S
Postsecondary teachers-engineering	54,000	S	S	S	S	53,000	54,000	S	S	S	S
Other engineers	85,000	90,000	90,000	S	S	25,000	25,000	S	75,000	89,000	69,000
S&E-related occupations	59,000	70,000	74,000	54,000	64,000	50,000	56,000	50,000	65,000	78,000	59,000
Health-related occupations	57,000	60,000	62,000	48,000	60,000	50,000	56,000	50,000	61,000	76,000	53,000
S&E managers	103,000	108,000	111,000	S	82,000	91,000	91,000	S	90,000	116,000	81,000
S&E precollege teachers	50,000	S	S	S	S	50,000	S	50,000	S	S	S
S&E technicians/technologists	60,000	69,000	72,000	S	43,000	33,000	33,000	S	50,000	74,000	49,000
Other S&E-related occupations	73,000	73,000	70,000	77,000	S	S	S	S	S	S	S
Non-S&E occupations	60,000	70,000	81,000	34,000	44,000	50,000	45,000	50,000	62,000	80,000	55,000
Art/humanities/related occupations	40,000	38,000	50,000	15,000	11,000	46,000	S	S	50,000	S	S
Management-related occupations	77,000	81,000	85,000	50,000	70,000	52,000	51,000	52,000	67,000	81,000	59,000
Non-S&E managers	102,000	125,000	134,000	S	102,000	75,000	77,000	75,000	94,000	106,000	88,000
Non-S&E postsecondary teachers	40,000	S	S	S	S	40,000	37,000	40,000	S	S	S

TABLE 25. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	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 precollege/other teachers	48,000	24,000	S	S	S	48,000	S	48,000	S	S	S
Sales/marketing occupations	73,000	74,000	75,000	42,000	S	S	S	S	S	S	S
Social services/related occupations	42,000	39,000	40,000	36,000	38,000	47,000	40,000	50,000	50,000	S	48,000
Other non-S&E occupations	44,000	38,000	46,000	20,000	34,000	40,000	40,000	40,000	60,000	80,000	50,000
Doctorate degrees, all occupations	79,000	95,000	100,000	60,000	75,000	66,000	68,000	61,000	88,000	95,000	72,000
S&E occupations	78,000	95,000	100,000	70,000	78,000	65,000	65,000	54,000	87,000	93,000	72,000
Scientists	73,000	91,000	100,000	70,000	75,000	63,000	63,000	54,000	85,000	93,000	70,000
Biological/agricultural/other life scientists	70,000	91,000	100,000	49,000	59,000	60,000	60,000	53,000	80,000	85,000	60,000
Agricultural/food scientists	75,000	85,000	89,000	S	S	64,000	64,000	S	78,000	80,000	S
Biological/medical scientists	72,000	92,000	100,000	49,000	59,000	55,000	55,000	S	80,000	86,000	60,000
Environmental life scientists	72,000	63,000	S	S	S	S	S	S	77,000	81,000	S
Postsecondary teachers-life/related sciences	65,000	S	S	S	S	65,000	66,000	53,000	S	S	S
Computer/mathematical scientists	85,000	100,000	100,000	75,000	96,000	68,000	70,000	48,000	89,000	99,000	80,000
Computer/information scientists	98,000	100,000	100,000	76,000	94,000	72,000	77,000	S	88,000	96,000	84,000
Mathematical scientists	91,000	100,000	100,000	58,000	99,000	70,000	71,000	S	93,000	104,000	S
Postsecondary teachers-computer/mathematics/science	68,000	S	S	S	S	68,000	69,000	50,000	S	S	S
Physical/related scientists	80,000	98,000	100,000	66,000	90,000	63,000	64,000	52,000	101,000	105,000	75,000
Chemists, except biochemists	93,000	97,000	98,000	68,000	88,000	50,000	50,000	S	94,000	98,000	68,000
Earth/atmospheric/ocean scientists	84,000	89,000	98,000	S	79,000	62,000	61,000	S	97,000	105,000	62,000
Physicists/astronomers	95,000	104,000	107,000	S	99,000	57,000	57,000	S	116,000	114,000	118,000
Postsecondary teachers-physical/related sciences	65,000	S	S	S	S	65,000	65,000	52,000	S	S	S
Other physical/related scientists	85,000	88,000	90,000	S	S	S	S	S	85,000	S	S
Social/related scientists	67,000	75,000	81,000	70,000	69,000	62,000	63,000	57,000	80,000	93,000	69,000
Economists	109,000	125,000	143,000	S	97,000	97,000	97,000	S	102,000	104,000	S
Political/related scientists	70,000	S	S	S	S	60,000	60,000	S	S	S	S
Postsecondary teachers-social/related sciences	62,000	S	S	S	S	62,000	62,000	57,000	S	S	S
Psychologists	68,000	70,000	70,000	72,000	64,000	61,000	64,000	55,000	75,000	84,000	70,000
Sociologists/anthropologists	66,000	71,000	78,000	S	73,000	59,000	59,000	S	77,000	87,000	S
Other social/related scientists	72,000	74,000	81,000	64,000	75,000	72,000	71,000	S	70,000	83,000	63,000
Engineers	94,000	100,000	100,000	69,000	109,000	80,000	80,000	S	92,000	97,000	84,000
Aerospace/aeronautical/astronautical engineers	101,000	100,000	104,000	S	S	S	S	S	109,000	110,000	S
Chemical engineers	99,000	100,000	100,000	S	S	45,000	45,000	S	S	S	S
Civil/architectural/sanitary engineers	82,000	83,000	83,000	S	S	74,000	74,000	S	79,000	S	78,000
Electrical/computer hardware engineers	105,000	110,000	109,000	91,000	122,000	80,000	80,000	S	100,000	101,000	S
Industrial engineers	66,000	74,000	73,000	S	S	S	S	S	S	S	S

TABLE 25. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Mechanical engineers	93,000	94,000	94,000	S	S	69,000	68,000	S	S	S	S
Postsecondary teachers-engineering	83,000	S	S	S	S	83,000	83,000	S	S	S	S
Other engineers	91,000	96,000	96,000	87,000	100,000	58,000	56,000	S	91,000	97,000	73,000
S&E-related occupations	88,000	114,000	120,000	95,000	80,000	70,000	77,000	55,000	94,000	108,000	77,000
Health-related occupations	78,000	86,000	88,000	95,000	60,000	75,000	75,000	49,000	89,000	93,000	64,000
S&E managers	129,000	135,000	139,000	S	93,000	100,000	105,000	S	102,000	119,000	80,000
S&E precollege teachers	55,000	S	S	S	S	55,000	S	55,000	S	S	S
S&E technicians/technologists	75,000	89,000	90,000	S	S	S	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S	S	S	S	S	S	S
Non-S&E occupations	78,000	85,000	102,000	40,000	67,000	73,000	74,000	68,000	85,000	96,000	67,000
Art/humanities/related occupations	59,000	54,000	67,000	30,000	61,000	51,000	55,000	S	S	S	S
Management-related occupations	91,000	98,000	102,000	59,000	76,000	68,000	73,000	S	75,000	88,000	60,000
Non-S&E managers	120,000	145,000	150,000	87,000	91,000	107,000	110,000	107,000	120,000	140,000	115,000
Non-S&E postsecondary teachers	60,000	S	S	S	S	60,000	60,000	52,000	S	S	S
Non-S&E precollege/other teachers	56,000	S	S	S	S	58,000	S	58,000	S	S	S
Sales/marketing occupations	79,000	79,000	80,000	53,000	S	S	S	S	S	S	S
Social services/related occupations	58,000	50,000	59,000	36,000	50,000	59,000	39,000	60,000	S	S	S
Other non-S&E occupations	45,000	42,000	51,000	28,000	40,000	65,000	71,000	S	60,000	78,000	40,000

S = 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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational 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. Salaries are for principal job and rounded to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
All degrees and occupations[a]	60,000	68,000	48,000	44,000	60,000
U.S. citizen	60,000	67,000	50,000	44,000	60,000
Native born	60,000	65,000	48,000	44,000	60,000
Naturalized	68,000	72,000	60,000	45,000	61,000
Non-U.S. citizen	65,000	73,000	42,000	35,000	52,000
Permanent resident	70,000	75,000	54,000	30,000	50,000
Temporary resident	55,000	65,000	30,000	45,000	59,000
S&E occupations	72,000	78,000	47,000	47,000	68,000
U.S. citizen	72,000	78,000	49,000	47,000	68,000
Native born	71,000	77,000	46,000	46,000	67,000
Naturalized	77,000	80,000	65,000	58,000	70,000
Non-U.S. citizen	73,000	80,000	40,000	44,000	62,000
Permanent resident	80,000	85,000	55,000	41,000	65,000
Temporary resident	57,000	70,000	29,000	S	57,000
Scientists	70,000	77,000	46,000	46,000	63,000
U.S. citizen	69,000	76,000	48,000	46,000	63,000
Native born	67,000	75,000	45,000	45,000	63,000
Naturalized	75,000	80,000	62,000	58,000	65,000
Non-U.S. citizen	74,000	80,000	42,000	44,000	62,000
Permanent resident	80,000	86,000	52,000	41,000	67,000
Temporary resident	55,000	70,000	31,000	S	59,000
Biological/agricultural/other life scientists	55,000	68,000	42,000	44,000	58,000
U.S. citizen	56,000	68,000	43,000	44,000	58,000
Native born	54,000	66,000	40,000	44,000	58,000
Naturalized	66,000	73,000	55,000	27,000	69,000
Non-U.S. citizen	47,000	70,000	42,000	S	63,000
Permanent resident	54,000	77,000	47,000	S	72,000
Temporary resident	39,000	52,000	37,000	S	S
Agricultural/food scientists	55,000	65,000	41,000	S	57,000
U.S. citizen	57,000	64,000	41,000	S	57,000
Native born	55,000	64,000	40,000	S	56,000
Naturalized	63,000	65,000	S	S	S
Non-U.S. citizen	49,000	66,000	35,000	S	S
Permanent resident	50,000	72,000	43,000	S	S
Temporary resident	40,000	S	S	S	S
Biological/medical scientists	55,000	70,000	40,000	S	59,000
U.S. citizen	56,000	70,000	39,000	S	59,000
Native born	55,000	68,000	36,000	S	58,000
Naturalized	68,000	73,000	54,000	S	70,000
Non-U.S. citizen	47,000	74,000	41,000	S	65,000
Permanent resident	60,000	84,000	45,000	S	73,000
Temporary resident	39,000	50,000	37,000	S	S
Environmental life scientists	59,000	60,000	49,000	S	57,000
U.S. citizen	59,000	61,000	62,000	S	57,000
Native born	59,000	61,000	62,000	S	57,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-life/related sciences	50,000	S	53,000	44,000	S
U.S. citizen	50,000	S	53,000	44,000	S
Native born	48,000	S	52,000	45,000	S
Naturalized	60,000	S	65,000	S	S
Non-U.S. citizen	58,000	S	57,000	S	S
Permanent resident	62,000	S	62,000	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	75,000	80,000	50,000	40,000	66,000
U.S. citizen	75,000	80,000	51,000	40,000	66,000
Native born	75,000	79,000	50,000	39,000	66,000
Naturalized	80,000	81,000	69,000	57,000	65,000
Non-U.S. citizen	80,000	82,000	45,000	41,000	64,000
Permanent resident	85,000	88,000	58,000	S	67,000
Temporary resident	65,000	70,000	24,000	S	S
Computer/information scientists	76,000	80,000	51,000	40,000	65,000
U.S. citizen	75,000	80,000	52,000	40,000	65,000
Native born	75,000	79,000	51,000	37,000	65,000
Naturalized	80,000	82,000	69,000	S	65,000
Non-U.S. citizen	80,000	82,000	41,000	S	67,000
Permanent resident	85,000	88,000	56,000	S	70,000
Temporary resident	68,000	70,000	24,000	S	S
Mathematical scientists	73,000	82,000	40,000	S	72,000
U.S. citizen	72,000	80,000	41,000	S	73,000
Native born	73,000	83,000	35,000	S	74,000
Naturalized	72,000	71,000	76,000	S	64,000
Non-U.S. citizen	78,000	83,000	25,000	S	S
Permanent resident	82,000	89,000	70,000	S	S
Temporary resident	55,000	65,000	23,000	S	S
Postsecondary teachers-computer/mathematical sciences	44,000	S	50,000	40,000	S
U.S. citizen	43,000	S	48,000	40,000	S
Native born	41,000	S	42,000	40,000	S
Naturalized	60,000	S	66,000	40,000	S
Non-U.S. citizen	55,000	S	55,000	S	S
Permanent resident	55,000	S	59,000	S	S
Temporary resident	32,000	S	28,000	S	S
Physical/related scientists	60,000	66,000	45,000	50,000	60,000
U.S. citizen	60,000	65,000	45,000	50,000	60,000
Native born	58,000	65,000	45,000	52,000	59,000
Naturalized	65,000	68,000	65,000	S	65,000
Non-U.S. citizen	54,000	75,000	35,000	S	58,000
Permanent resident	69,000	82,000	59,000	S	S
Temporary resident	36,000	63,000	24,000	S	S
Chemists, except biochemists	62,000	65,000	29,000	S	66,000
U.S. citizen	62,000	65,000	24,000	S	67,000
Native born	62,000	65,000	24,000	S	67,000
Naturalized	61,000	62,000	28,000	S	60,000
Non-U.S. citizen	65,000	77,000	31,000	S	S
Permanent resident	75,000	81,000	48,000	S	S
Temporary resident	43,000	66,000	30,000	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Earth/atmospheric/ocean scientists	60,000	63,000	45,000	S	63,000
U.S. citizen	60,000	62,000	50,000	S	63,000
Native born	59,000	60,000	47,000	S	63,000
Naturalized	80,000	81,000	75,000	S	68,000
Non-U.S. citizen	53,000	72,000	39,000	S	S
Permanent resident	67,000	82,000	44,000	S	S
Temporary resident	46,000	S	34,000	S	S
Physicists/astronomers	67,000	99,000	28,000	S	105,000
U.S. citizen	84,000	100,000	30,000	S	107,000
Native born	79,000	99,000	28,000	S	104,000
Naturalized	110,000	114,000	64,000	S	S
Non-U.S. citizen	44,000	82,000	24,000	S	S
Permanent resident	72,000	88,000	59,000	S	S
Temporary resident	24,000	S	21,000	S	S
Postsecondary teachers-physical/related sciences	52,000	S	52,000	50,000	S
U.S. citizen	52,000	S	52,000	50,000	S
Native born	50,000	S	50,000	52,000	S
Naturalized	65,000	S	66,000	S	S
Non-U.S. citizen	52,000	S	52,000	S	S
Permanent resident	62,000	S	62,000	S	S
Temporary resident	23,000	S	23,000	S	S
Other physical/related scientists	55,000	60,000	44,000	S	55,000
U.S. citizen	55,000	63,000	44,000	S	55,000
Native born	55,000	62,000	44,000	S	55,000
Naturalized	44,000	S	S	S	S
Non-U.S. citizen	39,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	55,000	60,000	45,000	51,000	65,000
U.S. citizen	55,000	60,000	45,000	51,000	65,000
Native born	55,000	60,000	45,000	50,000	65,000
Naturalized	63,000	62,000	61,000	64,000	66,000
Non-U.S. citizen	49,000	52,000	36,000	S	45,000
Permanent resident	51,000	51,000	58,000	S	S
Temporary resident	44,000	71,000	17,000	S	S
Economists	90,000	106,000	49,000	S	88,000
U.S. citizen	92,000	107,000	48,000	S	88,000
Native born	92,000	108,000	48,000	S	88,000
Naturalized	80,000	69,000	S	S	S
Non-U.S. citizen	67,000	61,000	S	S	S
Permanent resident	62,000	58,000	S	S	S
Temporary resident	67,000	79,000	S	S	S
Political/related scientists	49,000	59,000	29,000	S	49,000
U.S. citizen	50,000	58,000	29,000	S	49,000
Native born	49,000	56,000	29,000	S	49,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-social/related sciences	50,000	S	51,000	42,000	S
U.S. citizen	50,000	S	51,000	42,000	S
Native born	50,000	S	50,000	42,000	S
Naturalized	61,000	S	62,000	S	S
Non-U.S. citizen	46,000	S	46,000	S	S
Permanent resident	65,000	S	66,000	S	S
Temporary resident	17,000	S	17,000	S	S
Psychologists	51,000	54,000	35,000	52,000	61,000
U.S. citizen	52,000	55,000	35,000	53,000	61,000
Native born	51,000	55,000	35,000	52,000	61,000
Naturalized	56,000	47,000	43,000	66,000	S
Non-U.S. citizen	44,000	44,000	20,000	S	S
Permanent resident	45,000	43,000	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	40,000	46,000	22,000	S	44,000
U.S. citizen	40,000	46,000	23,000	S	45,000
Native born	40,000	46,000	22,000	S	44,000
Naturalized	45,000	S	S	S	S
Non-U.S. citizen	10,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	65,000	69,000	44,000	S	65,000
U.S. citizen	65,000	69,000	44,000	S	65,000
Native born	65,000	69,000	44,000	S	65,000
Naturalized	71,000	72,000	S	S	S
Non-U.S. citizen	52,000	61,000	S	S	S
Permanent resident	51,000	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	79,000	80,000	54,000	54,000	76,000
U.S. citizen	80,000	80,000	60,000	54,000	76,000
Native born	79,000	80,000	55,000	51,000	78,000
Naturalized	80,000	84,000	80,000	S	72,000
Non-U.S. citizen	71,000	75,000	33,000	S	60,000
Permanent resident	80,000	82,000	69,000	S	62,000
Temporary resident	58,000	65,000	23,000	S	S
Aerospace/aeronautical/astronautical engineers	90,000	90,000	39,000	S	90,000
U.S. citizen	90,000	91,000	54,000	S	90,000
Native born	90,000	91,000	47,000	S	90,000
Naturalized	91,000	91,000	S	S	87,000
Non-U.S. citizen	72,000	74,000	S	S	S
Permanent resident	90,000	S	S	S	S
Temporary resident	47,000	S	S	S	S
Chemical engineers	85,000	87,000	20,000	S	89,000
U.S. citizen	85,000	88,000	20,000	S	89,000
Native born	85,000	86,000	19,000	S	95,000
Naturalized	91,000	94,000	S	S	S
Non-U.S. citizen	75,000	80,000	21,000	S	S
Permanent resident	80,000	81,000	S	S	S
Temporary resident	37,000	79,000	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Civil/architectural/sanitary engineers	70,000	70,000	28,000	S	71,000
U.S. citizen	72,000	72,000	41,000	S	71,000
Native born	72,000	71,000	26,000	S	72,000
Naturalized	72,000	78,000	S	S	70,000
Non-U.S. citizen	60,000	62,000	S	S	62,000
Permanent resident	65,000	64,000	S	S	S
Temporary resident	54,000	55,000	S	S	S
Electrical/computer hardware engineers	85,000	86,000	52,000	S	85,000
U.S. citizen	86,000	86,000	64,000	S	85,000
Native born	85,000	86,000	63,000	S	85,000
Naturalized	89,000	90,000	86,000	S	85,000
Non-U.S. citizen	84,000	89,000	28,000	S	S
Permanent resident	92,000	93,000	S	S	S
Temporary resident	70,000	75,000	21,000	S	S
Industrial engineers	69,000	69,000	19,000	S	70,000
U.S. citizen	70,000	70,000	22,000	S	70,000
Native born	70,000	70,000	22,000	S	65,000
Naturalized	67,000	67,000	S	S	S
Non-U.S. citizen	58,000	60,000	S	S	S
Permanent resident	67,000	67,000	S	S	S
Temporary resident	54,000	54,000	S	S	S
Mechanical engineers	78,000	78,000	52,000	S	81,000
U.S. citizen	78,000	78,000	60,000	S	81,000
Native born	78,000	78,000	60,000	S	81,000
Naturalized	79,000	79,000	S	S	84,000
Non-U.S. citizen	71,000	75,000	22,000	S	S
Permanent resident	80,000	81,000	S	S	S
Temporary resident	61,000	64,000	18,000	S	S
Postsecondary teachers-engineering	67,000	S	69,000	49,000	S
U.S. citizen	67,000	S	69,000	49,000	S
Native born	63,000	S	64,000	49,000	S
Naturalized	82,000	S	84,000	S	S
Non-U.S. citizen	69,000	S	69,000	S	S
Permanent resident	77,000	S	77,000	S	S
Temporary resident	23,000	S	22,000	S	S
Other engineers	76,000	79,000	36,000	S	71,000
U.S. citizen	77,000	80,000	38,000	S	72,000
Native born	78,000	80,000	36,000	S	71,000
Naturalized	75,000	79,000	61,000	S	72,000
Non-U.S. citizen	66,000	73,000	31,000	S	S
Permanent resident	76,000	78,000	S	S	S
Temporary resident	48,000	65,000	29,000	S	S
S&E-related occupations	60,000	66,000	55,000	46,000	60,000
U.S. citizen	60,000	66,000	55,000	46,000	60,000
Native born	58,000	65,000	54,000	46,000	60,000
Naturalized	70,000	78,000	60,000	51,000	64,000
Non-U.S. citizen	61,000	68,000	57,000	40,000	55,000
Permanent resident	63,000	68,000	63,000	40,000	51,000
Temporary resident	55,000	65,000	40,000	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Health-related occupations	60,000	62,000	55,000	45,000	57,000
U.S. citizen	60,000	62,000	55,000	45,000	57,000
Native born	59,000	60,000	54,000	45,000	56,000
Naturalized	70,000	78,000	60,000	S	62,000
Non-U.S. citizen	60,000	60,000	60,000	S	56,000
Permanent resident	61,000	61,000	64,000	S	S
Temporary resident	54,000	54,000	43,000	S	S
S&E managers	101,000	105,000	89,000	S	89,000
U.S. citizen	100,000	105,000	85,000	S	89,000
Native born	100,000	105,000	89,000	S	89,000
Naturalized	100,000	103,000	S	S	78,000
Non-U.S. citizen	108,000	109,000	S	S	S
Permanent resident	108,000	109,000	S	S	S
Temporary resident	96,000	96,000	S	S	S
S&E precollege teachers	47,000	S	S	47,000	S
U.S. citizen	47,000	S	S	47,000	S
Native born	47,000	S	S	47,000	S
Naturalized	50,000	S	S	50,000	S
Non-U.S. citizen	45,000	S	S	45,000	S
Permanent resident	46,000	S	S	47,000	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	55,000	60,000	34,000	S	51,000
U.S. citizen	55,000	60,000	35,000	S	51,000
Native born	55,000	60,000	33,000	S	52,000
Naturalized	59,000	60,000	46,000	S	38,000
Non-U.S. citizen	57,000	67,000	28,000	S	S
Permanent resident	53,000	59,000	S	S	S
Temporary resident	68,000	72,000	S	S	S
Other S&E-related occupations	69,000	70,000	S	S	66,000
U.S. citizen	70,000	70,000	S	S	68,000
Native born	69,000	69,000	S	S	67,000
Naturalized	73,000	74,000	S	S	S
Non-U.S. citizen	63,000	63,000	S	S	S
Permanent resident	66,000	67,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	50,000	55,000	43,000	40,000	55,000
U.S. citizen	51,000	55,000	43,000	40,000	55,000
Native born	51,000	55,000	42,000	40,000	55,000
Naturalized	50,000	53,000	54,000	40,000	49,000
Non-U.S. citizen	46,000	50,000	35,000	28,000	40,000
Permanent resident	46,000	50,000	38,000	27,000	40,000
Temporary resident	43,000	53,000	19,000	S	S
Art/humanities/related occupations	45,000	49,000	36,000	S	46,000
U.S. citizen	45,000	49,000	36,000	S	46,000
Native born	44,000	49,000	36,000	S	41,000
Naturalized	47,000	45,000	S	S	S
Non-U.S. citizen	49,000	48,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Management-related occupations	65,000	70,000	50,000	47,000	64,000
U.S. citizen	65,000	69,000	50,000	46,000	65,000
Native born	65,000	70,000	46,000	44,000	65,000
Naturalized	60,000	61,000	52,000	S	65,000
Non-U.S. citizen	70,000	70,000	S	S	S
Permanent resident	73,000	76,000	S	S	S
Temporary resident	59,000	58,000	S	S	S
Non-S&E managers	101,000	114,000	88,000	75,000	91,000
U.S. citizen	100,000	112,000	87,000	75,000	91,000
Native born	100,000	111,000	86,000	75,000	90,000
Naturalized	115,000	119,000	94,000	S	109,000
Non-U.S. citizen	129,000	139,000	S	S	S
Permanent resident	139,000	144,000	S	S	S
Temporary resident	55,000	S	S	S	S
Non-S&E postsecondary teachers	43,000	S	44,000	40,000	S
U.S. citizen	43,000	S	44,000	40,000	S
Native born	41,000	S	43,000	39,000	S
Naturalized	60,000	S	73,000	60,000	S
Non-U.S. citizen	42,000	S	40,000	S	S
Permanent resident	50,000	S	52,000	S	S
Temporary resident	15,000	S	15,000	S	S
Non-S&E precollege/other teachers	38,000	20,000	S	38,000	S
U.S. citizen	38,000	20,000	S	38,000	S
Native born	38,000	20,000	S	39,000	S
Naturalized	36,000	S	S	36,000	S
Non-U.S. citizen	28,000	S	S	28,000	S
Permanent resident	25,000	S	S	27,000	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	59,000	59,000	62,000	S	47,000
U.S. citizen	58,000	59,000	62,000	S	47,000
Native born	58,000	58,000	48,000	S	50,000
Naturalized	60,000	60,000	S	S	S
Non-U.S. citizen	59,000	60,000	S	S	S
Permanent resident	60,000	60,000	S	S	S
Temporary resident	39,000	40,000	S	S	S
Social services/related occupations	38,000	35,000	35,000	47,000	42,000
U.S. citizen	38,000	35,000	35,000	47,000	42,000
Native born	38,000	35,000	35,000	47,000	42,000
Naturalized	41,000	35,000	S	42,000	48,000
Non-U.S. citizen	35,000	34,000	S	S	S
Permanent resident	35,000	34,000	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	41,000	40,000	32,000	27,000	52,000
U.S. citizen	42,000	40,000	33,000	27,000	52,000
Native born	42,000	40,000	33,000	27,000	52,000
Naturalized	38,000	36,000	32,000	30,000	45,000
Non-U.S. citizen	30,000	29,000	29,000	S	40,000
Permanent resident	30,000	29,000	S	S	40,000
Temporary resident	29,000	40,000	26,000	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Bachelor's degrees, all occupations	53,000	60,000	38,000	36,000	53,000
U.S. citizen	53,000	59,000	39,000	36,000	53,000
Native born	52,000	58,000	38,000	35,000	53,000
Naturalized	57,000	60,000	54,000	38,000	54,000
Non-U.S. citizen	55,000	61,000	30,000	30,000	43,000
Permanent resident	55,000	62,000	34,000	30,000	42,000
Temporary resident	54,000	60,000	20,000	S	S
S&E occupations	70,000	75,000	31,000	36,000	63,000
U.S. citizen	70,000	74,000	32,000	36,000	63,000
Native born	70,000	75,000	32,000	34,000	63,000
Naturalized	70,000	72,000	33,000	S	65,000
Non-U.S. citizen	75,000	80,000	23,000	S	63,000
Permanent resident	80,000	80,000	29,000	S	64,000
Temporary resident	59,000	69,000	18,000	S	S
Scientists	66,000	74,000	31,000	34,000	58,000
U.S. citizen	65,000	72,000	32,000	34,000	58,000
Native born	65,000	73,000	32,000	33,000	58,000
Naturalized	68,000	71,000	34,000	S	59,000
Non-U.S. citizen	77,000	80,000	22,000	S	S
Permanent resident	80,000	83,000	28,000	S	S
Temporary resident	62,000	73,000	15,000	S	S
Biological/agricultural/other life scientists	45,000	56,000	25,000	S	52,000
U.S. citizen	46,000	56,000	25,000	S	52,000
Native born	46,000	57,000	25,000	S	52,000
Naturalized	50,000	55,000	S	S	S
Non-U.S. citizen	30,000	S	S	S	S
Permanent resident	32,000	S	S	S	S
Temporary resident	S	S	S	S	S
Agricultural/food scientists	50,000	51,000	28,000	S	55,000
U.S. citizen	51,000	51,000	31,000	S	55,000
Native born	50,000	50,000	31,000	S	55,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Biological/medical scientists	43,000	56,000	26,000	S	50,000
U.S. citizen	45,000	57,000	26,000	S	50,000
Native born	43,000	57,000	26,000	S	50,000
Naturalized	50,000	54,000	S	S	S
Non-U.S. citizen	30,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Environmental life scientists	53,000	59,000	S	S	53,000
U.S. citizen	55,000	60,000	S	S	53,000
Native born	55,000	60,000	S	S	53,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-life/related sciences	20,000	S	15,000	S	S
U.S. citizen	20,000	S	15,000	S	S
Native born	20,000	S	17,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	72,000	75,000	49,000	37,000	63,000
U.S. citizen	72,000	75,000	49,000	37,000	63,000
Native born	72,000	75,000	49,000	34,000	63,000
Naturalized	71,000	75,000	66,000	S	61,000
Non-U.S. citizen	81,000	83,000	32,000	S	S
Permanent resident	85,000	85,000	S	S	S
Temporary resident	72,000	73,000	S	S	S
Computer/information scientists	73,000	75,000	50,000	37,000	64,000
U.S. citizen	72,000	75,000	50,000	37,000	63,000
Native born	72,000	75,000	50,000	34,000	64,000
Naturalized	71,000	75,000	S	S	61,000
Non-U.S. citizen	81,000	84,000	S	S	S
Permanent resident	85,000	86,000	S	S	S
Temporary resident	72,000	73,000	S	S	S
Mathematical scientists	55,000	59,000	S	S	55,000
U.S. citizen	55,000	55,000	S	S	57,000
Native born	54,000	54,000	S	S	58,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	21,000	S	18,000	25,000	S
U.S. citizen	21,000	S	18,000	25,000	S
Native born	19,000	S	18,000	24,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Physical/related scientists	51,000	57,000	22,000	S	54,000
U.S. citizen	52,000	57,000	23,000	S	54,000
Native born	52,000	57,000	22,000	S	54,000
Naturalized	49,000	56,000	S	S	S
Non-U.S. citizen	35,000	S	19,000	S	S
Permanent resident	53,000	S	S	S	S
Temporary resident	S	S	S	S	S
Chemists, except biochemists	55,000	57,000	22,000	S	60,000
U.S. citizen	55,000	57,000	22,000	S	60,000
Native born	55,000	57,000	22,000	S	59,000
Naturalized	49,000	50,000	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Earth/atmospheric/ocean scientists	55,000	55,000	32,000	S	54,000
U.S. citizen	55,000	55,000	32,000	S	54,000
Native born	55,000	55,000	25,000	S	54,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Physicists/astronomers	23,000	S	20,000	S	S
U.S. citizen	27,000	S	23,000	S	S
Native born	26,000	S	23,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-physical/related sciences	21,000	S	21,000	S	S
U.S. citizen	21,000	S	21,000	S	S
Native born	21,000	S	21,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other physical/related scientists	49,000	60,000	S	S	49,000
U.S. citizen	49,000	62,000	S	S	49,000
Native born	50,000	62,000	S	S	49,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	45,000	54,000	14,000	14,000	53,000
U.S. citizen	45,000	55,000	14,000	S	53,000
Native born	43,000	54,000	13,000	S	54,000
Naturalized	55,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Economists	52,000	54,000	S	S	S
U.S. citizen	56,000	56,000	S	S	S
Native born	50,000	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Political/related scientists	44,000	S	S	S	S
U.S. citizen	44,000	S	S	S	S
Native born	42,000	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-social/related sciences	13,000	S	12,000	S	S
U.S. citizen	13,000	S	12,000	S	S
Native born	13,000	S	12,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Psychologists	29,000	38,000	20,000	S	S
U.S. citizen	30,000	S	19,000	S	S
Native born	29,000	S	16,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	19,000	S	S	S	S
U.S. citizen	21,000	S	S	S	S
Native born	21,000	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	59,000	60,000	S	S	59,000
U.S. citizen	59,000	63,000	S	S	59,000
Native born	59,000	60,000	S	S	59,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	75,000	75,000	31,000	50,000	72,000
U.S. citizen	75,000	75,000	30,000	50,000	72,000
Native born	75,000	75,000	31,000	S	73,000
Naturalized	72,000	73,000	21,000	S	70,000
Non-U.S. citizen	67,000	68,000	37,000	S	S
Permanent resident	70,000	72,000	S	S	S
Temporary resident	55,000	55,000	S	S	S
Aerospace/aeronautical/astronautical engineers	85,000	85,000	25,000	S	85,000
U.S. citizen	85,000	85,000	24,000	S	85,000
Native born	85,000	85,000	21,000	S	86,000
Naturalized	72,000	72,000	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Chemical engineers	79,000	81,000	18,000	S	S
U.S. citizen	80,000	81,000	18,000	S	S
Native born	80,000	83,000	18,000	S	S
Naturalized	70,000	75,000	S	S	S
Non-U.S. citizen	67,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Civil/architectural/sanitary engineers	68,000	68,000	S	S	68,000
U.S. citizen	69,000	69,000	S	S	68,000
Native born	70,000	70,000	S	S	69,000
Naturalized	67,000	65,000	S	S	67,000
Non-U.S. citizen	64,000	63,000	S	S	S
Permanent resident	65,000	64,000	S	S	S
Temporary resident	S	S	S	S	S
Electrical/computer hardware engineers	80,000	80,000	53,000	S	79,000
U.S. citizen	80,000	80,000	60,000	S	79,000
Native born	80,000	80,000	58,000	S	80,000
Naturalized	75,000	76,000	S	S	72,000
Non-U.S. citizen	71,000	73,000	S	S	S
Permanent resident	73,000	76,000	S	S	S
Temporary resident	S	S	S	S	S
Industrial engineers	65,000	65,000	S	S	S
U.S. citizen	65,000	65,000	S	S	S
Native born	65,000	65,000	S	S	S
Naturalized	58,000	58,000	S	S	S
Non-U.S. citizen	55,000	55,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Mechanical engineers	75,000	75,000	59,000	S	78,000
U.S. citizen	75,000	75,000	59,000	S	78,000
Native born	75,000	75,000	61,000	S	78,000
Naturalized	75,000	75,000	S	S	S
Non-U.S. citizen	81,000	84,000	S	S	S
Permanent resident	84,000	84,000	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-engineering	45,000	S	27,000	S	S
U.S. citizen	45,000	S	29,000	S	S
Native born	45,000	S	46,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other engineers	72,000	75,000	33,000	S	67,000
U.S. citizen	73,000	75,000	31,000	S	67,000
Native born	75,000	75,000	32,000	S	66,000
Naturalized	66,000	66,000	S	S	S
Non-U.S. citizen	57,000	56,000	S	S	S
Permanent resident	61,000	63,000	S	S	S
Temporary resident	S	S	S	S	S
S&E-related occupations	50,000	54,000	48,000	41,000	53,000
U.S. citizen	50,000	54,000	48,000	41,000	54,000
Native born	50,000	52,000	47,000	41,000	53,000
Naturalized	60,000	60,000	57,000	42,000	59,000
Non-U.S. citizen	51,000	54,000	59,000	36,000	S
Permanent resident	50,000	50,000	S	35,000	S
Temporary resident	58,000	60,000	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Health-related occupations	50,000	50,000	48,000	39,000	51,000
U.S. citizen	50,000	50,000	47,000	39,000	51,000
Native born	49,000	49,000	47,000	39,000	51,000
Naturalized	59,000	60,000	57,000	S	59,000
Non-U.S. citizen	49,000	49,000	S	S	S
Permanent resident	49,000	49,000	S	S	S
Temporary resident	S	S	S	S	S
S&E managers	100,000	102,000	75,000	S	82,000
U.S. citizen	100,000	102,000	75,000	S	82,000
Native born	100,000	102,000	76,000	S	82,000
Naturalized	90,000	98,000	S	S	S
Non-U.S. citizen	115,000	117,000	S	S	S
Permanent resident	108,000	112,000	S	S	S
Temporary resident	S	S	S	S	S
S&E precollege teachers	42,000	S	S	42,000	S
U.S. citizen	42,000	S	S	42,000	S
Native born	42,000	S	S	42,000	S
Naturalized	39,000	S	S	39,000	S
Non-U.S. citizen	47,000	S	S	47,000	S
Permanent resident	50,000	S	S	50,000	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	55,000	57,000	34,000	S	51,000
U.S. citizen	55,000	56,000	35,000	S	51,000
Native born	55,000	56,000	33,000	S	52,000
Naturalized	54,000	59,000	S	S	S
Non-U.S. citizen	58,000	65,000	S	S	S
Permanent resident	42,000	49,000	S	S	S
Temporary resident	S	S	S	S	S
Other S&E-related occupations	68,000	69,000	S	S	66,000
U.S. citizen	69,000	69,000	S	S	67,000
Native born	68,000	68,000	S	S	S
Naturalized	73,000	77,000	S	S	S
Non-U.S. citizen	58,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	45,000	49,000	30,000	30,000	47,000
U.S. citizen	45,000	50,000	30,000	30,000	48,000
Native born	45,000	50,000	30,000	30,000	48,000
Naturalized	44,000	46,000	40,000	34,000	40,000
Non-U.S. citizen	37,000	39,000	29,000	26,000	39,000
Permanent resident	37,000	39,000	S	17,000	39,000
Temporary resident	36,000	41,000	S	S	S
Art/humanities/related occupations	48,000	50,000	17,000	S	32,000
U.S. citizen	48,000	50,000	17,000	S	32,000
Native born	48,000	50,000	17,000	S	32,000
Naturalized	37,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Management-related occupations	60,000	60,000	45,000	41,000	61,000
U.S. citizen	60,000	60,000	45,000	41,000	62,000
Native born	60,000	60,000	45,000	41,000	62,000
Naturalized	52,000	51,000	S	S	S
Non-U.S. citizen	51,000	60,000	S	S	S
Permanent resident	52,000	67,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E managers	100,000	100,000	62,000	49,000	85,000
U.S. citizen	100,000	100,000	61,000	49,000	85,000
Native born	99,000	100,000	S	49,000	85,000
Naturalized	99,000	99,000	S	S	S
Non-U.S. citizen	140,000	142,000	S	S	S
Permanent resident	143,000	145,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E postsecondary teachers	15,000	S	14,000	14,000	S
U.S. citizen	15,000	S	14,000	14,000	S
Native born	14,000	S	14,000	14,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E precollege/other teachers	29,000	20,000	S	30,000	S
U.S. citizen	29,000	21,000	S	30,000	S
Native born	28,000	21,000	S	29,000	S
Naturalized	32,000	S	S	32,000	S
Non-U.S. citizen	24,000	S	S	26,000	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	53,000	53,000	S	S	49,000
U.S. citizen	53,000	53,000	S	S	49,000
Native born	53,000	53,000	S	S	51,000
Naturalized	55,000	56,000	S	S	S
Non-U.S. citizen	48,000	48,000	S	S	S
Permanent resident	48,000	48,000	S	S	S
Temporary resident	S	S	S	S	S
Social services/related occupations	32,000	29,000	30,000	30,000	34,000
U.S. citizen	31,000	29,000	30,000	30,000	34,000
Native born	31,000	29,000	30,000	30,000	34,000
Naturalized	36,000	34,000	S	S	S
Non-U.S. citizen	32,000	S	S	S	S
Permanent resident	32,000	S	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	35,000	33,000	29,000	24,000	45,000
U.S. citizen	35,000	33,000	28,000	24,000	45,000
Native born	35,000	33,000	28,000	24,000	45,000
Naturalized	35,000	34,000	S	S	39,000
Non-U.S. citizen	29,000	27,000	S	S	S
Permanent resident	29,000	26,000	S	S	S
Temporary resident	29,000	37,000	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Master's degrees, all occupations	64,000	75,000	44,000	50,000	66,000
U.S. citizen	63,000	75,000	46,000	50,000	66,000
Native born	61,000	75,000	45,000	50,000	66,000
Naturalized	75,000	82,000	54,000	52,000	66,000
Non-U.S. citizen	68,000	75,000	25,000	45,000	57,000
Permanent resident	77,000	82,000	44,000	40,000	57,000
Temporary resident	55,000	65,000	20,000	S	53,000
S&E occupations	76,000	85,000	36,000	49,000	72,000
U.S. citizen	78,000	87,000	40,000	49,000	73,000
Native born	75,000	86,000	39,000	49,000	72,000
Naturalized	85,000	90,000	53,000	54,000	74,000
Non-U.S. citizen	72,000	80,000	22,000	S	59,000
Permanent resident	83,000	85,000	39,000	S	65,000
Temporary resident	58,000	66,000	20,000	S	S
Scientists	72,000	83,000	37,000	49,000	66,000
U.S. citizen	72,000	85,000	39,000	49,000	67,000
Native born	70,000	84,000	38,000	49,000	66,000
Naturalized	80,000	86,000	53,000	51,000	68,000
Non-U.S. citizen	72,000	80,000	25,000	S	59,000
Permanent resident	82,000	85,000	41,000	S	64,000
Temporary resident	58,000	67,000	20,000	S	S
Biological/agricultural/other life scientists	55,000	69,000	37,000	45,000	59,000
U.S. citizen	56,000	69,000	37,000	45,000	58,000
Native born	55,000	68,000	36,000	45,000	58,000
Naturalized	64,000	69,000	45,000	S	S
Non-U.S. citizen	38,000	54,000	37,000	S	S
Permanent resident	50,000	S	S	S	S
Temporary resident	32,000	S	30,000	S	S
Agricultural/food scientists	57,000	72,000	41,000	S	S
U.S. citizen	57,000	72,000	40,000	S	S
Native born	57,000	72,000	40,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Biological/medical scientists	56,000	69,000	35,000	S	59,000
U.S. citizen	59,000	70,000	32,000	S	58,000
Native born	57,000	70,000	32,000	S	59,000
Naturalized	65,000	69,000	S	S	S
Non-U.S. citizen	38,000	S	38,000	S	S
Permanent resident	49,000	S	S	S	S
Temporary resident	33,000	S	33,000	S	S
Environmental life scientists	60,000	S	S	S	60,000
U.S. citizen	60,000	S	S	S	60,000
Native born	60,000	S	S	S	60,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-life/related sciences	38,000	S	36,000	45,000	S
U.S. citizen	39,000	S	36,000	45,000	S
Native born	39,000	S	36,000	45,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	81,000	88,000	46,000	43,000	75,000
U.S. citizen	83,000	90,000	47,000	43,000	75,000
Native born	82,000	90,000	45,000	43,000	75,000
Naturalized	88,000	90,000	65,000	43,000	78,000
Non-U.S. citizen	78,000	80,000	25,000	S	S
Permanent resident	85,000	88,000	52,000	S	S
Temporary resident	65,000	67,000	23,000	S	S
Computer/information scientists	85,000	88,000	52,000	45,000	74,000
U.S. citizen	88,000	90,000	55,000	44,000	74,000
Native born	87,000	90,000	55,000	43,000	72,000
Naturalized	90,000	90,000	69,000	S	78,000
Non-U.S. citizen	80,000	80,000	31,000	S	S
Permanent resident	85,000	87,000	48,000	S	S
Temporary resident	65,000	68,000	25,000	S	S
Mathematical scientists	78,000	84,000	33,000	S	79,000
U.S. citizen	80,000	84,000	34,000	S	80,000
Native born	80,000	89,000	34,000	S	80,000
Naturalized	70,000	S	S	S	S
Non-U.S. citizen	65,000	85,000	S	S	S
Permanent resident	105,000	S	S	S	S
Temporary resident	45,000	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	39,000	S	36,000	41,000	S
U.S. citizen	39,000	S	37,000	41,000	S
Native born	38,000	S	35,000	41,000	S
Naturalized	40,000	S	S	15,000	S
Non-U.S. citizen	39,000	S	25,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	17,000	S	16,000	S	S
Physical/related scientists	64,000	71,000	28,000	48,000	69,000
U.S. citizen	66,000	72,000	37,000	48,000	71,000
Native born	66,000	73,000	37,000	53,000	72,000
Naturalized	65,000	68,000	S	S	S
Non-U.S. citizen	35,000	57,000	20,000	S	S
Permanent resident	45,000	S	S	S	S
Temporary resident	24,000	S	20,000	S	S
Chemists, except biochemists	70,000	72,000	22,000	S	65,000
U.S. citizen	72,000	73,000	S	S	66,000
Native born	73,000	74,000	S	S	S
Naturalized	66,000	66,000	S	S	S
Non-U.S. citizen	45,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Earth/atmospheric/ocean scientists	69,000	75,000	36,000	S	69,000
U.S. citizen	72,000	77,000	45,000	S	70,000
Native born	72,000	76,000	45,000	S	71,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	36,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Physicists/astronomers	45,000	72,000	20,000	S	S
U.S. citizen	64,000	74,000	20,000	S	S
Native born	61,000	S	20,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	21,000	S	20,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	20,000	S	20,000	S	S
Postsecondary teachers-physical/related sciences	41,000	S	36,000	48,000	S
U.S. citizen	43,000	S	39,000	48,000	S
Native born	43,000	S	39,000	54,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other physical/related scientists	62,000	42,000	S	S	75,000
U.S. citizen	65,000	41,000	S	S	75,000
Native born	65,000	40,000	S	S	74,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	50,000	59,000	22,000	51,000	66,000
U.S. citizen	52,000	59,000	25,000	51,000	66,000
Native born	50,000	60,000	24,000	51,000	65,000
Naturalized	55,000	54,000	S	S	S
Non-U.S. citizen	34,000	62,000	15,000	S	S
Permanent resident	39,000	S	S	S	S
Temporary resident	19,000	S	14,000	S	S
Economists	97,000	122,000	S	S	85,000
U.S. citizen	100,000	118,000	S	S	86,000
Native born	102,000	124,000	S	S	86,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	56,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Political/related scientists	69,000	S	S	S	S
U.S. citizen	71,000	S	S	S	S
Native born	72,000	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-social/related sciences	28,000	S	20,000	42,000	S
U.S. citizen	33,000	S	25,000	43,000	S
Native born	33,000	S	24,000	44,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	15,000	S	15,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	13,000	S	13,000	S	S
Psychologists	49,000	48,000	20,000	52,000	48,000
U.S. citizen	49,000	48,000	20,000	52,000	48,000
Native born	49,000	48,000	20,000	52,000	47,000
Naturalized	55,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	47,000	52,000	24,000	S	S
U.S. citizen	47,000	52,000	24,000	S	S
Native born	47,000	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	70,000	79,000	S	S	70,000
U.S. citizen	70,000	80,000	S	S	70,000
Native born	70,000	82,000	S	S	70,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	85,000	89,000	29,000	S	82,000
U.S. citizen	88,000	90,000	53,000	S	82,000
Native born	88,000	90,000	53,000	S	85,000
Naturalized	90,000	90,000	S	S	75,000
Non-U.S. citizen	70,000	75,000	20,000	S	S
Permanent resident	83,000	84,000	S	S	S
Temporary resident	57,000	65,000	20,000	S	S
Aerospace/aeronautical/astronautical engineers	94,000	95,000	30,000	S	90,000
U.S. citizen	95,000	95,000	S	S	90,000
Native born	93,000	95,000	S	S	86,000
Naturalized	96,000	96,000	S	S	S
Non-U.S. citizen	67,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Chemical engineers	89,000	90,000	S	S	S
U.S. citizen	90,000	90,000	S	S	S
Native born	88,000	89,000	S	S	S
Naturalized	98,000	98,000	S	S	S
Non-U.S. citizen	73,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Civil/architectural/sanitary engineers	78,000	78,000	S	S	78,000
U.S. citizen	80,000	81,000	S	S	78,000
Native born	80,000	80,000	S	S	80,000
Naturalized	78,000	86,000	S	S	72,000
Non-U.S. citizen	56,000	57,000	S	S	S
Permanent resident	61,000	58,000	S	S	S
Temporary resident	53,000	55,000	S	S	S
Electrical/computer hardware engineers	93,000	94,000	25,000	S	90,000
U.S. citizen	95,000	96,000	52,000	S	90,000
Native born	94,000	95,000	59,000	S	90,000
Naturalized	96,000	97,000	S	S	S
Non-U.S. citizen	83,000	85,000	S	S	S
Permanent resident	92,000	92,000	S	S	S
Temporary resident	70,000	75,000	S	S	S
Industrial engineers	78,000	77,000	S	S	S
U.S. citizen	79,000	79,000	S	S	S
Native born	79,000	79,000	S	S	S
Naturalized	74,000	S	S	S	S
Non-U.S. citizen	58,000	60,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	49,000	S	S	S	S
Mechanical engineers	82,000	82,000	25,000	S	99,000
U.S. citizen	85,000	85,000	54,000	S	99,000
Native born	86,000	85,000	54,000	S	99,000
Naturalized	83,000	82,000	S	S	S
Non-U.S. citizen	66,000	70,000	S	S	S
Permanent resident	73,000	74,000	S	S	S
Temporary resident	59,000	62,000	S	S	S
Postsecondary teachers-engineering	54,000	S	54,000	S	S
U.S. citizen	56,000	S	56,000	S	S
Native born	56,000	S	56,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other engineers	85,000	90,000	25,000	S	75,000
U.S. citizen	87,000	90,000	37,000	S	75,000
Native born	89,000	92,000	37,000	S	77,000
Naturalized	79,000	84,000	S	S	S
Non-U.S. citizen	67,000	80,000	21,000	S	S
Permanent resident	90,000	96,000	S	S	S
Temporary resident	39,000	70,000	21,000	S	S
S&E-related occupations	59,000	70,000	56,000	50,000	65,000
U.S. citizen	59,000	70,000	58,000	50,000	66,000
Native born	57,000	68,000	57,000	50,000	67,000
Naturalized	70,000	75,000	64,000	55,000	60,000
Non-U.S. citizen	65,000	75,000	40,000	44,000	S
Permanent resident	70,000	77,000	S	S	S
Temporary resident	48,000	65,000	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Health-related occupations	57,000	60,000	56,000	50,000	61,000
U.S. citizen	57,000	60,000	56,000	50,000	61,000
Native born	56,000	60,000	56,000	50,000	62,000
Naturalized	64,000	66,000	62,000	S	58,000
Non-U.S. citizen	61,000	68,000	S	S	S
Permanent resident	65,000	66,000	S	S	S
Temporary resident	S	S	S	S	S
S&E managers	103,000	108,000	91,000	S	90,000
U.S. citizen	103,000	107,000	90,000	S	91,000
Native born	103,000	107,000	91,000	S	90,000
Naturalized	101,000	103,000	S	S	S
Non-U.S. citizen	108,000	108,000	S	S	S
Permanent resident	108,000	109,000	S	S	S
Temporary resident	S	S	S	S	S
S&E precollege teachers	50,000	S	S	50,000	S
U.S. citizen	50,000	S	S	50,000	S
Native born	50,000	S	S	50,000	S
Naturalized	55,000	S	S	55,000	S
Non-U.S. citizen	43,000	S	S	44,000	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	60,000	69,000	33,000	S	50,000
U.S. citizen	61,000	69,000	34,000	S	50,000
Native born	61,000	69,000	31,000	S	50,000
Naturalized	69,000	70,000	S	S	S
Non-U.S. citizen	53,000	66,000	S	S	S
Permanent resident	54,000	S	S	S	S
Temporary resident	48,000	S	S	S	S
Other S&E-related occupations	73,000	73,000	S	S	S
U.S. citizen	74,000	74,000	S	S	S
Native born	74,000	74,000	S	S	S
Naturalized	72,000	70,000	S	S	S
Non-U.S. citizen	64,000	64,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	60,000	70,000	45,000	50,000	62,000
U.S. citizen	59,000	70,000	46,000	50,000	62,000
Native born	58,000	69,000	45,000	50,000	62,000
Naturalized	64,000	72,000	51,000	50,000	59,000
Non-U.S. citizen	60,000	65,000	25,000	44,000	S
Permanent resident	60,000	74,000	S	39,000	S
Temporary resident	49,000	56,000	12,000	S	S
Art/humanities/related occupations	40,000	38,000	S	S	50,000
U.S. citizen	40,000	38,000	S	S	48,000
Native born	40,000	38,000	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Management-related occupations	77,000	81,000	51,000	52,000	67,000
U.S. citizen	77,000	81,000	51,000	52,000	67,000
Native born	78,000	81,000	45,000	52,000	67,000
Naturalized	76,000	81,000	S	S	58,000
Non-U.S. citizen	77,000	80,000	S	S	S
Permanent resident	90,000	93,000	S	S	S
Temporary resident	59,000	58,000	S	S	S
Non-S&E managers	102,000	125,000	77,000	75,000	94,000
U.S. citizen	102,000	125,000	77,000	75,000	94,000
Native born	100,000	126,000	77,000	75,000	94,000
Naturalized	115,000	117,000	S	S	S
Non-U.S. citizen	129,000	141,000	S	S	S
Permanent resident	144,000	146,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E postsecondary teachers	40,000	S	37,000	40,000	S
U.S. citizen	40,000	S	39,000	40,000	S
Native born	40,000	S	39,000	40,000	S
Naturalized	43,000	S	S	S	S
Non-U.S. citizen	14,000	S	14,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	12,000	S	12,000	S	S
Non-S&E precollege/other teachers	48,000	24,000	S	48,000	S
U.S. citizen	48,000	24,000	S	48,000	S
Native born	48,000	24,000	S	48,000	S
Naturalized	49,000	S	S	49,000	S
Non-U.S. citizen	30,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	73,000	74,000	S	S	S
U.S. citizen	73,000	74,000	S	S	S
Native born	73,000	74,000	S	S	S
Naturalized	69,000	70,000	S	S	S
Non-U.S. citizen	71,000	71,000	S	S	S
Permanent resident	74,000	74,000	S	S	S
Temporary resident	S	S	S	S	S
Social services/related occupations	42,000	39,000	40,000	50,000	50,000
U.S. citizen	42,000	39,000	40,000	50,000	50,000
Native born	42,000	39,000	40,000	50,000	50,000
Naturalized	46,000	40,000	S	53,000	54,000
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	44,000	38,000	40,000	40,000	60,000
U.S. citizen	45,000	38,000	40,000	40,000	60,000
Native born	45,000	38,000	40,000	40,000	61,000
Naturalized	42,000	37,000	S	S	57,000
Non-U.S. citizen	38,000	37,000	S	S	S
Permanent resident	40,000	38,000	S	S	S
Temporary resident	25,000	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Doctorate degrees, all occupations	79,000	95,000	68,000	61,000	88,000
U.S. citizen	80,000	96,000	70,000	61,000	90,000
Native born	76,000	94,000	68,000	61,000	89,000
Naturalized	90,000	100,000	79,000	52,000	89,000
Non-U.S. citizen	75,000	95,000	59,000	50,000	63,000
Permanent resident	80,000	100,000	65,000	49,000	71,000
Temporary resident	56,000	80,000	45,000	S	61,000
S&E occupations	78,000	95,000	65,000	54,000	87,000
U.S. citizen	80,000	96,000	67,000	54,000	88,000
Native born	75,000	95,000	65,000	54,000	88,000
Naturalized	90,000	100,000	75,000	64,000	90,000
Non-U.S. citizen	72,000	90,000	56,000	44,000	62,000
Permanent resident	79,000	96,000	64,000	S	70,000
Temporary resident	53,000	79,000	45,000	S	61,000
Scientists	73,000	91,000	63,000	54,000	85,000
U.S. citizen	75,000	92,000	65,000	54,000	87,000
Native born	72,000	90,000	65,000	53,000	86,000
Naturalized	85,000	100,000	70,000	65,000	89,000
Non-U.S. citizen	69,000	90,000	55,000	44,000	63,000
Permanent resident	76,000	95,000	62,000	S	70,000
Temporary resident	50,000	79,000	45,000	S	61,000
Biological/agricultural/other life scientists	70,000	91,000	60,000	53,000	80,000
U.S. citizen	74,000	94,000	65,000	53,000	84,000
Native born	70,000	89,000	65,000	53,000	82,000
Naturalized	83,000	103,000	68,000	S	86,000
Non-U.S. citizen	57,000	85,000	48,000	S	62,000
Permanent resident	64,000	93,000	56,000	S	S
Temporary resident	44,000	54,000	40,000	S	S
Agricultural/food scientists	75,000	85,000	64,000	S	78,000
U.S. citizen	80,000	85,000	73,000	S	80,000
Native born	80,000	90,000	73,000	S	80,000
Naturalized	75,000	78,000	S	S	S
Non-U.S. citizen	56,000	72,000	44,000	S	S
Permanent resident	58,000	S	44,000	S	S
Temporary resident	S	S	S	S	S
Biological/medical scientists	72,000	92,000	55,000	S	80,000
U.S. citizen	80,000	95,000	62,000	S	84,000
Native born	76,000	90,000	62,000	S	83,000
Naturalized	86,000	108,000	64,000	S	86,000
Non-U.S. citizen	55,000	85,000	45,000	S	62,000
Permanent resident	65,000	93,000	54,000	S	S
Temporary resident	42,000	53,000	40,000	S	S
Environmental life scientists	72,000	63,000	S	S	77,000
U.S. citizen	74,000	64,000	S	S	77,000
Native born	71,000	63,000	S	S	76,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-life/related sciences	65,000	S	66,000	53,000	S
U.S. citizen	65,000	S	66,000	53,000	S
Native born	63,000	S	65,000	53,000	S
Naturalized	75,000	S	75,000	S	S
Non-U.S. citizen	62,000	S	62,000	S	S
Permanent resident	62,000	S	62,000	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	85,000	100,000	70,000	48,000	89,000
U.S. citizen	84,000	100,000	70,000	49,000	89,000
Native born	80,000	100,000	68,000	40,000	89,000
Naturalized	90,000	101,000	75,000	S	88,000
Non-U.S. citizen	85,000	100,000	68,000	S	S
Permanent resident	89,000	100,000	76,000	S	S
Temporary resident	75,000	98,000	56,000	S	S
Computer/information scientists	98,000	100,000	77,000	S	88,000
U.S. citizen	98,000	100,000	93,000	S	88,000
Native born	97,000	99,000	79,000	S	86,000
Naturalized	98,000	100,000	97,000	S	S
Non-U.S. citizen	98,000	100,000	54,000	S	S
Permanent resident	100,000	100,000	S	S	S
Temporary resident	94,000	99,000	S	S	S
Mathematical scientists	91,000	100,000	71,000	S	93,000
U.S. citizen	98,000	102,000	72,000	S	101,000
Native born	99,000	100,000	67,000	S	108,000
Naturalized	93,000	104,000	S	S	S
Non-U.S. citizen	80,000	89,000	71,000	S	S
Permanent resident	85,000	90,000	S	S	S
Temporary resident	70,000	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	68,000	S	69,000	50,000	S
U.S. citizen	67,000	S	68,000	50,000	S
Native born	66,000	S	67,000	49,000	S
Naturalized	70,000	S	71,000	S	S
Non-U.S. citizen	72,000	S	73,000	S	S
Permanent resident	76,000	S	76,000	S	S
Temporary resident	63,000	S	64,000	S	S
Physical/related scientists	80,000	98,000	64,000	52,000	101,000
U.S. citizen	84,000	100,000	66,000	52,000	103,000
Native born	80,000	100,000	65,000	52,000	104,000
Naturalized	89,000	96,000	74,000	S	99,000
Non-U.S. citizen	67,000	89,000	52,000	S	S
Permanent resident	80,000	94,000	61,000	S	S
Temporary resident	49,000	74,000	44,000	S	S
Chemists, except biochemists	93,000	97,000	50,000	S	94,000
U.S. citizen	96,000	100,000	69,000	S	95,000
Native born	97,000	100,000	62,000	S	96,000
Naturalized	95,000	96,000	S	S	S
Non-U.S. citizen	79,000	90,000	34,000	S	S
Permanent resident	89,000	95,000	49,000	S	S
Temporary resident	47,000	75,000	31,000	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Earth/atmospheric/ocean scientists	84,000	89,000	61,000	S	97,000
U.S. citizen	89,000	95,000	68,000	S	98,000
Native born	89,000	98,000	64,000	S	99,000
Naturalized	92,000	88,000	S	S	90,000
Non-U.S. citizen	63,000	71,000	52,000	S	S
Permanent resident	70,000	S	S	S	S
Temporary resident	48,000	S	48,000	S	S
Physicists/astronomers	95,000	104,000	57,000	S	116,000
U.S. citizen	100,000	107,000	68,000	S	118,000
Native born	100,000	107,000	63,000	S	119,000
Naturalized	107,000	106,000	S	S	S
Non-U.S. citizen	63,000	86,000	48,000	S	S
Permanent resident	85,000	92,000	62,000	S	S
Temporary resident	47,000	S	45,000	S	S
Postsecondary teachers-physical/related sciences	65,000	S	65,000	52,000	S
U.S. citizen	65,000	S	65,000	52,000	S
Native born	65,000	S	65,000	52,000	S
Naturalized	69,000	S	71,000	S	S
Non-U.S. citizen	62,000	S	62,000	S	S
Permanent resident	67,000	S	67,000	S	S
Temporary resident	52,000	S	52,000	S	S
Other physical/related scientists	85,000	88,000	S	S	85,000
U.S. citizen	88,000	88,000	S	S	93,000
Native born	87,000	89,000	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	67,000	75,000	63,000	57,000	80,000
U.S. citizen	66,000	74,000	63,000	57,000	80,000
Native born	65,000	75,000	62,000	56,000	80,000
Naturalized	70,000	70,000	67,000	71,000	82,000
Non-U.S. citizen	70,000	81,000	68,000	S	S
Permanent resident	71,000	74,000	70,000	S	S
Temporary resident	60,000	90,000	58,000	S	S
Economists	109,000	125,000	97,000	S	102,000
U.S. citizen	109,000	135,000	99,000	S	101,000
Native born	110,000	138,000	98,000	S	104,000
Naturalized	100,000	S	S	S	S
Non-U.S. citizen	106,000	102,000	S	S	S
Permanent resident	95,000	S	S	S	S
Temporary resident	102,000	96,000	S	S	S
Political/related scientists	70,000	S	60,000	S	S
U.S. citizen	71,000	S	62,000	S	S
Native born	74,000	S	65,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment: Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-social/related sciences	62,000	S	62,000	57,000	S
U.S. citizen	61,000	S	62,000	57,000	S
Native born	61,000	S	61,000	57,000	S
Naturalized	65,000	S	65,000	S	S
Non-U.S. citizen	69,000	S	69,000	S	S
Permanent resident	70,000	S	70,000	S	S
Temporary resident	58,000	S	58,000	S	S
Psychologists	68,000	70,000	64,000	55,000	75,000
U.S. citizen	69,000	70,000	64,000	55,000	75,000
Native born	68,000	70,000	63,000	55,000	75,000
Naturalized	72,000	65,000	91,000	S	S
Non-U.S. citizen	56,000	48,000	S	S	S
Permanent resident	55,000	S	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	66,000	71,000	59,000	S	77,000
U.S. citizen	69,000	71,000	61,000	S	77,000
Native born	69,000	72,000	61,000	S	78,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	72,000	74,000	71,000	S	70,000
U.S. citizen	72,000	70,000	73,000	S	71,000
Native born	74,000	74,000	74,000	S	70,000
Naturalized	71,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	94,000	100,000	80,000	S	92,000
U.S. citizen	100,000	103,000	88,000	S	94,000
Native born	98,000	105,000	85,000	S	94,000
Naturalized	100,000	100,000	91,000	S	93,000
Non-U.S. citizen	80,000	90,000	65,000	S	S
Permanent resident	90,000	97,000	75,000	S	S
Temporary resident	68,000	79,000	40,000	S	S
Aerospace/aeronautical/astronautical engineers	101,000	100,000	S	S	109,000
U.S. citizen	109,000	107,000	S	S	110,000
Native born	110,000	111,000	S	S	106,000
Naturalized	100,000	97,000	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Chemical engineers	99,000	100,000	45,000	S	S
U.S. citizen	101,000	103,000	S	S	S
Native born	103,000	106,000	S	S	S
Naturalized	100,000	100,000	S	S	S
Non-U.S. citizen	80,000	82,000	S	S	S
Permanent resident	81,000	83,000	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Civil/architectural/sanitary engineers	82,000	83,000	74,000	S	79,000
U.S. citizen	83,000	82,000	S	S	84,000
Native born	82,000	80,000	S	S	S
Naturalized	89,000	92,000	S	S	S
Non-U.S. citizen	75,000	79,000	S	S	S
Permanent resident	79,000	87,000	S	S	S
Temporary resident	S	S	S	S	S
Electrical/computer hardware engineers	105,000	110,000	80,000	S	100,000
U.S. citizen	113,000	116,000	100,000	S	100,000
Native born	117,000	120,000	87,000	S	101,000
Naturalized	109,000	109,000	S	S	S
Non-U.S. citizen	100,000	100,000	50,000	S	S
Permanent resident	102,000	104,000	S	S	S
Temporary resident	84,000	89,000	S	S	S
Industrial engineers	66,000	74,000	S	S	S
U.S. citizen	25,000	75,000	S	S	S
Native born	21,000	92,000	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Mechanical engineers	93,000	94,000	68,000	S	S
U.S. citizen	100,000	100,000	S	S	S
Native born	99,000	98,000	S	S	S
Naturalized	100,000	100,000	S	S	S
Non-U.S. citizen	77,000	81,000	S	S	S
Permanent resident	85,000	90,000	S	S	S
Temporary resident	67,000	71,000	S	S	S
Postsecondary teachers-engineering	83,000	S	83,000	S	S
U.S. citizen	86,000	S	87,000	S	S
Native born	85,000	S	86,000	S	S
Naturalized	89,000	S	89,000	S	S
Non-U.S. citizen	75,000	S	75,000	S	S
Permanent resident	78,000	S	78,000	S	S
Temporary resident	60,000	S	60,000	S	S
Other engineers	91,000	96,000	56,000	S	91,000
U.S. citizen	98,000	100,000	77,000	S	93,000
Native born	98,000	100,000	75,000	S	96,000
Naturalized	98,000	100,000	S	S	86,000
Non-U.S. citizen	72,000	80,000	39,000	S	S
Permanent resident	81,000	86,000	S	S	S
Temporary resident	44,000	70,000	38,000	S	S
S&E-related occupations	88,000	114,000	77,000	55,000	94,000
U.S. citizen	89,000	120,000	78,000	57,000	93,000
Native born	86,000	124,000	78,000	54,000	95,000
Naturalized	99,000	118,000	88,000	73,000	76,000
Non-U.S. citizen	80,000	92,000	69,000	S	S
Permanent resident	84,000	96,000	70,000	S	S
Temporary resident	64,000	70,000	48,000	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Health-related occupations	78,000	86,000	75,000	49,000	89,000
U.S. citizen	78,000	87,000	76,000	49,000	86,000
Native born	77,000	95,000	75,000	48,000	83,000
Naturalized	85,000	81,000	86,000	S	S
Non-U.S. citizen	69,000	39,000	69,000	S	S
Permanent resident	69,000	S	71,000	S	S
Temporary resident	66,000	S	48,000	S	S
S&E managers	129,000	135,000	105,000	S	102,000
U.S. citizen	130,000	135,000	105,000	S	102,000
Native born	130,000	137,000	98,000	S	110,000
Naturalized	121,000	130,000	S	S	74,000
Non-U.S. citizen	99,000	109,000	S	S	S
Permanent resident	121,000	128,000	S	S	S
Temporary resident	S	S	S	S	S
S&E precollege teachers	55,000	S	S	55,000	S
U.S. citizen	56,000	S	S	56,000	S
Native born	55,000	S	S	55,000	S
Naturalized	60,000	S	S	60,000	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	75,000	89,000	S	S	S
U.S. citizen	75,000	87,000	S	S	S
Native born	77,000	84,000	S	S	S
Naturalized	74,000	103,000	S	S	S
Non-U.S. citizen	75,000	91,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S
U.S. citizen	S	S	S	S	S
Native born	S	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	78,000	85,000	74,000	68,000	85,000
U.S. citizen	75,000	80,000	74,000	67,000	87,000
Native born	75,000	79,000	73,000	70,000	87,000
Naturalized	85,000	92,000	91,000	24,000	81,000
Non-U.S. citizen	99,000	106,000	69,000	S	S
Permanent resident	100,000	108,000	65,000	S	S
Temporary resident	87,000	95,000	78,000	S	S
Art/humanities/related occupations	59,000	54,000	55,000	S	S
U.S. citizen	58,000	49,000	57,000	S	S
Native born	57,000	50,000	S	S	S
Naturalized	66,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Management-related occupations	91,000	98,000	73,000	S	75,000
U.S. citizen	89,000	97,000	73,000	S	75,000
Native born	89,000	97,000	73,000	S	66,000
Naturalized	88,000	80,000	S	S	S
Non-U.S. citizen	119,000	120,000	S	S	S
Permanent resident	124,000	126,000	S	S	S
Temporary resident	93,000	92,000	S	S	S
Non-S&E managers	120,000	145,000	110,000	107,000	120,000
U.S. citizen	120,000	146,000	112,000	107,000	120,000
Native born	120,000	140,000	109,000	107,000	120,000
Naturalized	145,000	153,000	132,000	S	S
Non-U.S. citizen	118,000	130,000	S	S	S
Permanent resident	117,000	119,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E postsecondary teachers	60,000	S	60,000	52,000	S
U.S. citizen	59,000	S	60,000	51,000	S
Native born	58,000	S	59,000	52,000	S
Naturalized	80,000	S	82,000	S	S
Non-U.S. citizen	70,000	S	68,000	S	S
Permanent resident	65,000	S	60,000	S	S
Temporary resident	79,000	S	79,000	S	S
Non-S&E precollege/other teachers	56,000	S	S	58,000	S
U.S. citizen	56,000	S	S	58,000	S
Native born	60,000	S	S	60,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	79,000	79,000	S	S	S
U.S. citizen	70,000	70,000	S	S	S
Native born	71,000	71,000	S	S	S
Naturalized	59,000	59,000	S	S	S
Non-U.S. citizen	104,000	103,000	S	S	S
Permanent resident	104,000	104,000	S	S	S
Temporary resident	S	S	S	S	S
Social services/related occupations	58,000	50,000	39,000	60,000	S
U.S. citizen	58,000	51,000	41,000	60,000	S
Native born	59,000	54,000	45,000	60,000	S
Naturalized	40,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	45,000	42,000	71,000	S	60,000
U.S. citizen	47,000	45,000	71,000	S	61,000
Native born	45,000	42,000	71,000	S	65,000
Naturalized	44,000	45,000	S	S	S

TABLE 26. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Non-U.S. citizen	29,000	S	S	S	S
Permanent resident	28,000	S	S	S	S
Temporary resident	S	S	S	S	S

S = 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. 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, state, and local employers. Salaries are for principal job and rounded to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
All degrees and occupations[a]	60,000	67,000	46,000	65,000	72,000	56,000
<30	39,000	42,000	33,000	39,000	51,000	39,000
30–39	60,000	65,000	43,000	65,000	75,000	55,000
40–49	70,000	80,000	49,000	75,000	80,000	63,000
50–59	68,000	76,000	54,000	73,000	75,000	63,000
60+	60,000	72,000	50,000	60,000	65,000	57,000
S&E occupations	72,000	73,000	52,000	76,000	75,000	65,000
<30	48,000	48,000	20,000	51,000	55,000	45,000
30–39	70,000	70,000	49,000	72,000	75,000	65,000
40–49	82,000	85,000	56,000	86,000	82,000	75,000
50–59	80,000	84,000	63,000	82,000	80,000	75,000
60+	75,000	83,000	60,000	82,000	71,000	62,000
Scientists	70,000	70,000	50,000	73,000	75,000	60,000
<30	42,000	41,000	20,000	46,000	53,000	39,000
30–39	68,000	67,000	46,000	70,000	75,000	59,000
40–49	80,000	81,000	54,000	84,000	82,000	68,000
50–59	75,000	80,000	60,000	76,000	80,000	67,000
60+	70,000	81,000	57,000	74,000	71,000	60,000
Biological/agricultural/other life scientists	55,000	55,000	48,000	62,000	52,000	50,000
<30	26,000	27,000	19,000	35,000	32,000	27,000
30–39	50,000	51,000	44,000	56,000	50,000	50,000
40–49	62,000	69,000	51,000	64,000	71,000	56,000
50–59	70,000	75,000	60,000	73,000	50,000	63,000
60+	75,000	80,000	73,000	74,000	S	63,000
Agricultural/food scientists	55,000	59,000	S	59,000	S	49,000
<30	33,000	28,000	S	35,000	S	S
30–39	53,000	53,000	S	53,000	S	55,000
40–49	62,000	60,000	S	60,000	S	52,000
50–59	69,000	73,000	S	68,000	S	39,000
60+	63,000	62,000	S	50,000	S	S
Biological/medical scientists	55,000	55,000	43,000	68,000	55,000	50,000
<30	27,000	27,000	23,000	36,000	32,000	26,000
30–39	52,000	51,000	49,000	59,000	52,000	51,000
40–49	67,000	71,000	49,000	73,000	71,000	55,000
50–59	76,000	81,000	61,000	82,000	62,000	67,000
60+	89,000	90,000	S	96,000	S	72,000
Environmental life scientists	59,000	59,000	S	60,000	S	52,000
<30	32,000	31,000	S	S	S	S
30–39	45,000	47,000	S	42,000	S	S
40–49	60,000	59,000	S	60,000	S	S
50–59	65,000	65,000	S	68,000	S	71,000
60+	59,000	S	S	S	S	S
Postsecondary teachers-life/related sciences	50,000	56,000	50,000	48,000	S	55,000
<30	14,000	17,000	15,000	S	S	S
30–39	44,000	50,000	43,000	46,000	S	48,000
40–49	54,000	65,000	53,000	46,000	S	63,000
50–59	60,000	74,000	60,000	55,000	S	61,000
60+	75,000	85,000	75,000	70,000	S	67,000

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Computer/mathematical scientists	75,000	77,000	49,000	79,000	75,000	70,000
<30	52,000	54,000	29,000	52,000	55,000	46,000
30–39	75,000	75,000	50,000	75,000	75,000	69,000
40–49	85,000	87,000	50,000	88,000	82,000	80,000
50–59	80,000	82,000	60,000	80,000	80,000	74,000
60+	72,000	85,000	40,000	79,000	72,000	70,000
Computer/information scientists	76,000	78,000	60,000	80,000	75,000	72,000
<30	54,000	55,000	38,000	54,000	55,000	48,000
30–39	75,000	75,000	71,000	76,000	76,000	70,000
40–49	85,000	87,000	52,000	88,000	83,000	80,000
50–59	80,000	82,000	63,000	80,000	80,000	74,000
60+	78,000	83,000	S	81,000	72,000	79,000
Mathematical scientists	73,000	74,000	32,000	82,000	71,000	69,000
<30	44,000	45,000	S	47,000	43,000	32,000
30–39	69,000	69,000	S	71,000	52,000	53,000
40–49	86,000	83,000	S	92,000	79,000	80,000
50–59	86,000	89,000	S	124,000	79,000	63,000
60+	104,000	117,000	S	S	117,000	S
Postsecondary teachers-computer/mathematical sciences	44,000	55,000	43,000	46,000	38,000	45,000
<30	16,000	18,000	17,000	14,000	S	S
30–39	40,000	47,000	40,000	44,000	31,000	53,000
40–49	50,000	65,000	50,000	40,000	44,000	48,000
50–59	56,000	65,000	56,000	49,000	64,000	52,000
60+	46,000	77,000	41,000	49,000	S	51,000
Physical/related scientists	60,000	64,000	52,000	63,000	56,000	54,000
<30	32,000	31,000	20,000	42,000	28,000	35,000
30–39	56,000	57,000	48,000	57,000	60,000	50,000
40–49	70,000	80,000	56,000	78,000	59,000	59,000
50–59	70,000	79,000	61,000	74,000	72,000	60,000
60+	74,000	85,000	70,000	73,000	65,000	63,000
Chemists, except biochemists	62,000	67,000	40,000	67,000	56,000	51,000
<30	38,000	36,000	S	50,000	S	35,000
30–39	59,000	63,000	S	56,000	S	48,000
40–49	80,000	86,000	S	84,000	S	55,000
50–59	73,000	76,000	S	74,000	S	65,000
60+	75,000	81,000	S	71,000	S	60,000
Earth/atmospheric/ocean scientists	60,000	63,000	66,000	65,000	60,000	55,000
<30	35,000	35,000	S	40,000	23,000	36,000
30–39	57,000	56,000	S	57,000	59,000	50,000
40–49	74,000	80,000	S	82,000	63,000	61,000
50–59	64,000	79,000	S	68,000	72,000	55,000
60+	70,000	84,000	S	96,000	S	S
Physicists/astronomers	67,000	65,000	35,000	100,000	52,000	80,000
<30	23,000	23,000	S	S	24,000	S
30–39	53,000	52,000	S	84,000	63,000	53,000
40–49	99,000	99,000	S	99,000	104,000	97,000
50–59	118,000	110,000	S	119,000	86,000	S
60+	108,000	109,000	S	117,000	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-physical/related sciences	52,000	63,000	52,000	52,000	46,000	41,000
<30	19,000	20,000	19,000	18,000	S	S
30–39	48,000	50,000	48,000	44,000	S	46,000
40–49	56,000	68,000	55,000	50,000	S	41,000
50–59	70,000	72,000	69,000	65,000	S	55,000
60+	74,000	83,000	74,000	75,000	S	70,000
Other physical/related scientists	55,000	55,000	S	56,000	56,000	50,000
<30	37,000	34,000	S	38,000	S	S
30–39	51,000	46,000	S	52,000	S	53,000
40–49	56,000	56,000	S	62,000	S	55,000
50–59	61,000	69,000	S	64,000	S	S
60+	62,000	S	S	S	S	S
Social/related scientists	55,000	52,000	50,000	62,000	64,000	55,000
<30	30,000	28,000	15,000	39,000	42,000	35,000
30–39	52,000	52,000	43,000	60,000	68,000	50,000
40–49	65,000	69,000	57,000	70,000	103,000	63,000
50–59	66,000	70,000	59,000	70,000	65,000	67,000
60+	60,000	70,000	60,000	68,000	S	54,000
Economists	90,000	90,000	S	95,000	97,000	91,000
<30	49,000	49,000	S	S	S	S
30–39	107,000	105,000	S	107,000	S	135,000
40–49	103,000	103,000	S	125,000	103,000	104,000
50–59	101,000	115,000	S	118,000	S	95,000
60+	98,000	136,000	S	87,000	S	S
Political/related scientists	49,000	48,000	S	62,000	S	49,000
<30	41,000	40,000	S	S	S	S
30–39	59,000	65,000	S	58,000	S	S
40–49	95,000	96,000	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	50,000	53,000	50,000	54,000	S	48,000
<30	15,000	15,000	15,000	S	S	S
30–39	43,000	50,000	43,000	40,000	S	46,000
40–49	57,000	57,000	56,000	59,000	S	50,000
50–59	60,000	69,000	58,000	60,000	S	51,000
60+	60,000	70,000	60,000	61,000	S	44,000
Psychologists	51,000	44,000	52,000	60,000	41,000	53,000
<30	27,000	23,000	S	28,000	S	29,000
30–39	45,000	45,000	39,000	56,000	S	45,000
40–49	61,000	64,000	68,000	64,000	S	59,000
50–59	65,000	70,000	61,000	69,000	S	64,000
60+	56,000	58,000	56,000	65,000	S	50,000
Sociologists/anthropologists	40,000	39,000	S	40,000	S	30,000
<30	20,000	18,000	S	S	S	S
30–39	36,000	30,000	S	30,000	S	S
40–49	28,000	24,000	S	39,000	S	S
50–59	58,000	58,000	S	66,000	S	S
60+	51,000	53,000	S	S	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other social/related scientists	65,000	62,000	S	69,000	55,000	69,000
<30	42,000	43,000	S	45,000	S	35,000
30–39	64,000	62,000	S	69,000	S	69,000
40–49	89,000	90,000	S	88,000	S	91,000
50–59	72,000	59,000	S	73,000	S	79,000
60+	67,000	82,000	S	69,000	S	S
Engineers	79,000	79,000	72,000	80,000	75,000	75,000
<30	55,000	55,000	24,000	55,000	58,000	55,000
30–39	75,000	75,000	74,000	75,000	78,000	71,000
40–49	88,000	90,000	78,000	90,000	85,000	80,000
50–59	90,000	90,000	84,000	90,000	88,000	87,000
60+	80,000	85,000	79,000	90,000	72,000	67,000
Aerospace/aeronautical/astronautical engineers	90,000	87,000	S	98,000	83,000	80,000
<30	60,000	60,000	S	63,000	61,000	65,000
30–39	78,000	78,000	S	80,000	75,000	73,000
40–49	100,000	96,000	S	100,000	93,000	76,000
50–59	100,000	103,000	S	100,000	102,000	84,000
60+	101,000	99,000	S	111,000	S	S
Chemical engineers	85,000	83,000	S	90,000	85,000	82,000
<30	60,000	60,000	S	64,000	58,000	61,000
30–39	79,000	79,000	S	78,000	S	80,000
40–49	94,000	90,000	S	101,000	S	86,000
50–59	105,000	105,000	S	106,000	S	105,000
60+	93,000	89,000	S	99,000	S	S
Civil/architectural/sanitary engineers	70,000	66,000	S	75,000	57,000	72,000
<30	51,000	51,000	S	52,000	45,000	52,000
30–39	70,000	66,000	S	70,000	58,000	66,000
40–49	80,000	75,000	S	85,000	68,000	79,000
50–59	85,000	85,000	S	85,000	S	91,000
60+	78,000	77,000	S	83,000	S	64,000
Electrical/computer hardware engineers	85,000	87,000	78,000	90,000	81,000	76,000
<30	60,000	60,000	S	60,000	61,000	60,000
30–39	84,000	85,000	S	81,000	86,000	75,000
40–49	93,000	96,000	S	97,000	89,000	80,000
50–59	93,000	94,000	S	97,000	87,000	83,000
60+	82,000	83,000	S	82,000	77,000	65,000
Industrial engineers	69,000	69,000	S	69,000	68,000	68,000
<30	55,000	54,000	S	55,000	51,000	55,000
30–39	69,000	69,000	S	70,000	S	68,000
40–49	74,000	79,000	S	70,000	S	74,000
50–59	74,000	75,000	S	73,000	S	70,000
60+	66,000	67,000	S	S	S	S
Mechanical engineers	78,000	75,000	75,000	82,000	70,000	77,000
<30	56,000	56,000	S	56,000	55,000	57,000
30–39	73,000	72,000	S	75,000	69,000	74,000
40–49	86,000	85,000	S	89,000	77,000	85,000
50–59	90,000	90,000	S	90,000	82,000	84,000
60+	85,000	88,000	S	97,000	S	74,000

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-engineering	67,000	75,000	67,000	63,000	25,000	57,000
<30	15,000	21,000	15,000	S	S	S
30–39	68,000	71,000	68,000	74,000	S	S
40–49	71,000	75,000	70,000	72,000	S	S
50–59	80,000	90,000	76,000	63,000	S	S
60+	69,000	85,000	69,000	55,000	S	S
Other engineers	76,000	75,000	83,000	80,000	69,000	70,000
<30	51,000	48,000	S	56,000	43,000	50,000
30–39	75,000	75,000	S	75,000	68,000	67,000
40–49	85,000	89,000	S	86,000	81,000	77,000
50–59	89,000	90,000	S	87,000	77,000	85,000
60+	77,000	76,000	S	90,000	S	55,000
S&E-related occupations	60,000	56,000	50,000	70,000	70,000	60,000
<30	40,000	39,000	40,000	41,000	47,000	42,000
30–39	55,000	50,000	48,000	60,000	73,000	56,000
40–49	65,000	65,000	52,000	75,000	72,000	66,000
50–59	68,000	70,000	57,000	76,000	71,000	69,000
60+	67,000	67,000	51,000	75,000	71,000	72,000
Health-related occupations	60,000	53,000	53,000	67,000	50,000	60,000
<30	42,000	40,000	42,000	42,000	48,000	42,000
30–39	56,000	50,000	50,000	60,000	50,000	57,000
40–49	65,000	62,000	57,000	70,000	53,000	66,000
50–59	69,000	69,000	61,000	75,000	50,000	69,000
60+	72,000	64,000	58,000	75,000	S	75,000
S&E managers	101,000	108,000	68,000	100,000	106,000	97,000
<30	67,000	S	S	70,000	S	S
30–39	100,000	105,000	S	101,000	110,000	92,000
40–49	107,000	111,000	S	107,000	110,000	100,000
50–59	100,000	112,000	S	100,000	98,000	100,000
60+	72,000	64,000	S	75,000	S	75,000
S&E precollege teachers	47,000	43,000	47,000	47,000	54,000	50,000
<30	36,000	37,000	36,000	33,000	S	39,000
30–39	43,000	40,000	43,000	43,000	S	43,000
40–49	49,000	45,000	49,000	50,000	S	54,000
50–59	54,000	49,000	54,000	55,000	S	56,000
60+	44,000	S	45,000	49,000	S	30,000
S&E technicians/technologists	55,000	53,000	60,000	60,000	69,000	50,000
<30	35,000	35,000	S	36,000	45,000	30,000
30–39	60,000	53,000	S	60,000	70,000	50,000
40–49	60,000	59,000	S	64,000	70,000	50,000
50–59	60,000	68,000	S	63,000	74,000	50,000
60+	58,000	64,000	S	54,000	65,000	54,000
Other S&E-related occupations	69,000	64,000	S	72,000	85,000	67,000
<30	46,000	40,000	S	58,000	S	S
30–39	60,000	58,000	S	62,000	S	59,000
40–49	72,000	67,000	S	74,000	S	68,000
50–59	79,000	70,000	S	82,000	S	79,000
60+	70,000	66,000	S	79,000	S	57,000

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Non-S&E occupations	50,000	54,000	39,000	58,000	54,000	48,000
<30	34,000	36,000	28,000	35,000	32,000	32,000
30–39	52,000	54,000	38,000	60,000	64,000	50,000
40–49	60,000	70,000	39,000	69,000	55,000	55,000
50–59	60,000	66,000	48,000	65,000	59,000	53,000
60+	47,000	50,000	38,000	50,000	46,000	44,000
Art/humanities/related occupations	45,000	47,000	28,000	48,000	56,000	39,000
<30	33,000	39,000	12,000	34,000	S	28,000
30–39	52,000	48,000	S	53,000	S	45,000
40–49	54,000	59,000	S	55,000	S	33,000
50–59	44,000	37,000	S	44,000	S	48,000
60+	28,000	40,000	S	28,000	S	25,000
Management-related occupations	65,000	72,000	50,000	66,000	62,000	60,000
<30	45,000	48,000	35,000	45,000	49,000	50,000
30–39	70,000	74,000	42,000	72,000	69,000	70,000
40–49	75,000	80,000	54,000	75,000	58,000	75,000
50–59	70,000	87,000	64,000	72,000	76,000	55,000
60+	50,000	58,000	S	49,000	S	48,000
Non-S&E managers	101,000	102,000	87,000	101,000	100,000	100,000
<30	52,000	S	S	52,000	S	52,000
30–39	89,000	84,000	S	89,000	110,000	84,000
40–49	110,000	125,000	79,000	110,000	125,000	100,000
50–59	106,000	106,000	90,000	106,000	88,000	102,000
60+	110,000	99,000	70,000	112,000	S	127,000
Non-S&E postsecondary teachers	43,000	47,000	43,000	40,000	S	45,000
<30	12,000	12,000	13,000	8,000	S	S
30–39	42,000	44,000	42,000	42,000	S	37,000
40–49	42,000	54,000	40,000	39,000	S	45,000
50–59	50,000	57,000	50,000	49,000	S	49,000
60+	50,000	63,000	50,000	50,000	S	46,000
Non-S&E precollege/other teachers	38,000	40,000	38,000	39,000	39,000	37,000
<30	31,000	33,000	31,000	33,000	S	24,000
30–39	36,000	38,000	36,000	36,000	S	37,000
40–49	35,000	40,000	35,000	39,000	S	37,000
50–59	47,000	46,000	46,000	50,000	S	56,000
60+	39,000	S	39,000	44,000	S	S
Sales/marketing occupations	59,000	66,000	49,000	59,000	56,000	60,000
<30	38,000	40,000	33,000	38,000	35,000	37,000
30–39	70,000	70,000	60,000	70,000	S	67,000
40–49	70,000	78,000	47,000	70,000	72,000	60,000
50–59	60,000	68,000	S	60,000	44,000	68,000
60+	40,000	50,000	S	40,000	S	51,000
Social services/related occupations	38,000	35,000	39,000	40,000	41,000	38,000
<30	30,000	30,000	27,000	30,000	S	30,000
30–39	38,000	33,000	38,000	38,000	S	38,000
40–49	40,000	39,000	39,000	42,000	S	39,000
50–59	45,000	44,000	42,000	46,000	S	43,000
60+	40,000	39,000	36,000	40,000	S	41,000

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other non-S&E occupations	41,000	44,000	31,000	42,000	35,000	47,000
<30	30,000	32,000	21,000	30,000	26,000	32,000
30–39	45,000	46,000	25,000	47,000	44,000	50,000
40–49	50,000	53,000	40,000	50,000	41,000	54,000
50–59	47,000	53,000	40,000	49,000	34,000	50,000
60+	33,000	40,000	30,000	38,000	S	35,000
Bachelor's degrees, all occupations	53,000	61,000	38,000	58,000	70,000	49,000
<30	36,000	40,000	30,000	36,000	50,000	35,000
30–39	56,000	64,000	38,000	60,000	72,000	50,000
40–49	62,000	75,000	40,000	67,000	75,000	55,000
50–59	60,000	70,000	45,000	63,000	73,000	52,000
60+	50,000	65,000	36,000	52,000	61,000	45,000
S&E occupations	70,000	70,000	40,000	73,000	72,000	64,000
<30	47,000	47,000	20,000	50,000	52,000	45,000
30–39	70,000	70,000	43,000	70,000	73,000	65,000
40–49	80,000	83,000	50,000	82,000	79,000	72,000
50–59	78,000	80,000	56,000	80,000	78,000	75,000
60+	74,000	75,000	28,000	82,000	68,000	60,000
Scientists	66,000	65,000	33,000	70,000	73,000	57,000
<30	40,000	40,000	20,000	43,000	51,000	37,000
30–39	68,000	68,000	33,000	70,000	73,000	59,000
40–49	77,000	80,000	44,000	80,000	80,000	65,000
50–59	73,000	75,000	53,000	74,000	76,000	65,000
60+	68,000	73,000	20,000	74,000	64,000	60,000
Biological/agricultural/other life scientists	45,000	42,000	25,000	53,000	44,000	49,000
<30	25,000	25,000	18,000	31,000	S	26,000
30–39	50,000	52,000	S	55,000	S	50,000
40–49	55,000	57,000	S	56,000	S	51,000
50–59	59,000	59,000	S	69,000	S	50,000
60+	50,000	S	S	S	S	S
Agricultural/food scientists	50,000	53,000	S	51,000	S	41,000
<30	32,000	29,000	S	31,000	S	S
30–39	46,000	S	S	S	S	S
40–49	61,000	65,000	S	60,000	S	S
50–59	68,000	S	S	S	S	S
60+	S	S	S	S	S	S
Biological/medical scientists	43,000	41,000	26,000	54,000	50,000	50,000
<30	26,000	25,000	23,000	32,000	S	26,000
30–39	56,000	56,000	S	59,000	S	50,000
40–49	52,000	56,000	S	56,000	S	50,000
50–59	55,000	50,000	S	69,000	S	50,000
60+	S	S	S	S	S	S
Environmental life scientists	53,000	50,000	S	59,000	S	44,000
<30	31,000	S	S	S	S	S
30–39	40,000	S	S	40,000	S	S
40–49	58,000	S	S	59,000	S	S
50–59	66,000	S	S	70,000	S	S
60+	S	S	S	S	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-life/related sciences	20,000	17,000	20,000	S	S	S
<30	14,000	15,000	15,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Computer/mathematical scientists	72,000	73,000	42,000	75,000	73,000	67,000
<30	50,000	52,000	32,000	48,000	52,000	45,000
30–39	72,000	71,000	55,000	73,000	73,000	64,000
40–49	81,000	85,000	41,000	85,000	80,000	78,000
50–59	76,000	78,000	56,000	76,000	77,000	69,000
60+	71,000	74,000	S	81,000	64,000	71,000
Computer/information scientists	73,000	74,000	54,000	75,000	74,000	68,000
<30	50,000	53,000	36,000	49,000	52,000	46,000
30–39	72,000	72,000	66,000	75,000	75,000	64,000
40–49	81,000	85,000	47,000	85,000	80,000	78,000
50–59	76,000	78,000	59,000	76,000	77,000	74,000
60+	72,000	74,000	S	80,000	69,000	71,000
Mathematical scientists	55,000	62,000	S	70,000	53,000	48,000
<30	41,000	41,000	S	46,000	41,000	S
30–39	52,000	S	S	S	S	S
40–49	85,000	S	S	S	S	S
50–59	86,000	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	21,000	20,000	18,000	25,000	S	S
<30	14,000	S	14,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Physical/related scientists	51,000	50,000	30,000	56,000	53,000	50,000
<30	31,000	30,000	20,000	40,000	24,000	35,000
30–39	51,000	53,000	S	53,000	S	49,000
40–49	61,000	67,000	S	66,000	S	55,000
50–59	59,000	68,000	S	59,000	S	55,000
60+	65,000	66,000	S	S	S	S
Chemists, except biochemists	55,000	56,000	S	57,000	S	50,000
<30	35,000	33,000	S	43,000	S	35,000
30–39	53,000	57,000	S	48,000	S	48,000
40–49	66,000	72,000	S	79,000	S	54,000
50–59	65,000	68,000	S	65,000	S	65,000
60+	65,000	S	S	S	S	S
Earth/atmospheric/ocean scientists	55,000	54,000	S	58,000	58,000	55,000
<30	34,000	32,000	S	40,000	S	37,000
30–39	56,000	55,000	S	57,000	S	49,000
40–49	63,000	73,000	S	72,000	S	S
50–59	55,000	55,000	S	55,000	S	55,000
60+	S	S	S	S	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Physicists/astronomers	23,000	23,000	S	S	22,000	S
<30	22,000	22,000	S	S	21,000	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	21,000	20,000	21,000	.	S	S
<30	18,000	20,000	18,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other physical/related scientists	49,000	49,000	S	54,000	S	47,000
<30	38,000	36,000	S	40,000	S	S
30–39	44,000	S	S	S	S	S
40–49	49,000	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	45,000	38,000	13,000	54,000	55,000	47,000
<30	28,000	27,000	14,000	39,000	S	27,000
30–39	52,000	48,000	S	55,000	S	54,000
40–49	55,000	71,000	S	61,000	S	55,000
50–59	59,000	S	S	66,000	S	S
60+	S	S	S	S	S	S
Economists	52,000	52,000	S	50,000	S	S
<30	46,000	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Political/related scientists	44,000	S	S	S	S	S
<30	40,000	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	13,000	15,000	12,000	S	S	S
<30	15,000	15,000	13,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Psychologists	29,000	28,000	S	34,000	S	29,000
<30	21,000	21,000	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Sociologists/anthropologists	19,000	16,000	S	S	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other social/related scientists	59,000	59,000	S	59,000	S	59,000
<30	40,000	37,000	S	50,000	S	S
30–39	59,000	S	S	58,000	S	S
40–49	69,000	S	S	62,000	S	S
50–59	56,000	S	S	56,000	S	S
60+	S	S	S	S	S	S
Engineers	75,000	73,000	64,000	77,000	70,000	70,000
<30	54,000	54,000	24,000	55,000	57,000	54,000
30–39	72,000	72,000	S	72,000	72,000	69,000
40–49	84,000	85,000	85,000	85,000	75,000	79,000
50–59	85,000	85,000	64,000	87,000	80,000	84,000
60+	76,000	79,000	S	85,000	68,000	62,000
Aerospace/aeronautical/astronautical engineers	85,000	83,000	S	95,000	80,000	80,000
<30	59,000	59,000	S	58,000	60,000	60,000
30–39	74,000	74,000	S	74,000	S	S
40–49	97,000	94,000	S	99,000	S	S
50–59	97,000	97,000	S	99,000	S	S
60+	104,000	99,000	S	S	S	S
Chemical engineers	79,000	73,000	S	85,000	73,000	78,000
<30	60,000	58,000	S	64,000	S	60,000
30–39	72,000	72,000	S	73,000	S	79,000
40–49	94,000	90,000	S	100,000	S	88,000
50–59	104,000	108,000	S	102,000	S	S
60+	S	S	S	S	S	S
Civil/architectural/sanitary engineers	68,000	65,000	S	72,000	51,000	69,000
<30	50,000	50,000	S	52,000	42,000	51,000
30–39	66,000	65,000	S	70,000	S	65,000
40–49	79,000	74,000	S	84,000	S	77,000
50–59	83,000	79,000	S	85,000	S	91,000
60+	72,000	77,000	S	78,000	S	46,000
Electrical/computer hardware engineers	80,000	80,000	72,000	83,000	74,000	72,000
<30	58,000	57,000	S	55,000	60,000	60,000
30–39	76,000	79,000	S	75,000	79,000	72,000
40–49	87,000	90,000	S	90,000	79,000	78,000
50–59	89,000	89,000	S	93,000	80,000	79,000
60+	75,000	75,000	S	70,000	S	S
Industrial engineers	65,000	65,000	S	65,000	63,000	61,000
<30	55,000	55,000	S	55,000	51,000	55,000
30–39	64,000	62,000	S	68,000	S	63,000
40–49	70,000	75,000	S	66,000	S	62,000
50–59	70,000	72,000	S	70,000	S	71,000
60+	S	S	S	S	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Mechanical engineers	75,000	72,000	S	79,000	70,000	75,000
<30	55,000	54,000	S	56,000	56,000	55,000
30–39	71,000	70,000	S	72,000	S	73,000
40–49	84,000	80,000	S	85,000	S	81,000
50–59	85,000	85,000	S	90,000	S	82,000
60+	84,000	83,000	S	93,000	S	65,000
Postsecondary teachers-engineering	45,000	31,000	46,000	52,000	S	S
<30	12,000	S	12,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other engineers	72,000	73,000	86,000	75,000	65,000	65,000
<30	51,000	48,000	S	55,000	43,000	50,000
30–39	73,000	75,000	S	74,000	68,000	64,000
40–49	79,000	84,000	S	80,000	45,000	71,000
50–59	79,000	79,000	S	80,000	S	79,000
60+	74,000	75,000	S	89,000	S	53,000
S&E-related occupations	50,000	50,000	45,000	58,000	68,000	50,000
<30	38,000	36,000	38,000	37,000	40,000	40,000
30–39	50,000	50,000	43,000	55,000	70,000	50,000
40–49	55,000	57,000	48,000	62,000	70,000	52,000
50–59	57,000	63,000	50,000	64,000	69,000	54,000
60+	54,000	54,000	43,000	62,000	72,000	50,000
Health-related occupations	50,000	45,000	48,000	54,000	49,000	50,000
<30	40,000	40,000	41,000	40,000	38,000	40,000
30–39	48,000	44,000	45,000	53,000	S	48,000
40–49	50,000	49,000	50,000	56,000	49,000	50,000
50–59	54,000	57,000	50,000	59,000	49,000	52,000
60+	49,000	46,000	43,000	58,000	S	49,000
S&E managers	100,000	104,000	S	100,000	105,000	90,000
<30	58,000	S	S	61,000	S	S
30–39	101,000	106,000	S	100,000	125,000	90,000
40–49	104,000	109,000	S	103,000	108,000	95,000
50–59	96,000	105,000	S	96,000	S	97,000
60+	49,000	S	S	58,000	S	S
S&E precollege teachers	42,000	39,000	42,000	43,000	47,000	44,000
<30	33,000	34,000	34,000	32,000	S	37,000
30–39	40,000	37,000	40,000	41,000	S	43,000
40–49	45,000	40,000	45,000	45,000	S	S
50–59	49,000	45,000	49,000	51,000	S	S
60+	41,000	S	41,000	S	S	S
S&E technicians/technologists	55,000	52,000	62,000	59,000	68,000	50,000
<30	34,000	35,000	S	35,000	40,000	29,000
30–39	55,000	54,000	S	55,000	68,000	50,000
40–49	60,000	57,000	S	64,000	69,000	51,000
50–59	60,000	66,000	S	59,000	73,000	50,000
60+	58,000	67,000	S	57,000	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other S&E-related occupations	68,000	63,000	S	72,000	85,000	62,000
<30	50,000	45,000	S	58,000	S	S
30–39	63,000	61,000	S	62,000	S	60,000
40–49	69,000	59,000	S	72,000	S	58,000
50–59	74,000	68,000	S	75,000	S	75,000
60+	75,000	65,000	S	84,000	S	S
Non-S&E occupations	45,000	48,000	30,000	50,000	50,000	40,000
<30	31,000	35,000	26,000	34,000	30,000	30,000
30–39	49,000	52,000	32,000	52,000	63,000	41,000
40–49	52,000	59,000	27,000	60,000	54,000	48,000
50–59	50,000	53,000	35,000	55,000	50,000	45,000
60+	40,000	50,000	26,000	45,000	46,000	32,000
Art/humanities/related occupations	48,000	48,000	10,000	48,000	S	48,000
<30	30,000	35,000	S	34,000	S	27,000
30–39	56,000	S	S	55,000	S	52,000
40–49	54,000	44,000	S	57,000	S	37,000
50–59	38,000	S	S	33,000	S	49,000
60+	S	S	S	S	S	S
Management-related occupations	60,000	64,000	43,000	60,000	61,000	59,000
<30	43,000	45,000	S	43,000	48,000	50,000
30–39	64,000	65,000	S	65,000	74,000	59,000
40–49	68,000	75,000	S	67,000	56,000	73,000
50–59	64,000	75,000	S	65,000	73,000	52,000
60+	51,000	S	S	50,000	S	49,000
Non-S&E managers	100,000	101,000	103,000	100,000	115,000	90,000
<30	50,000	S	S	50,000	S	S
30–39	85,000	101,000	S	84,000	S	66,000
40–49	100,000	119,000	S	100,000	130,000	89,000
50–59	110,000	103,000	S	110,000	S	93,000
60+	100,000	S	S	100,000	S	S
Non-S&E postsecondary teachers	15,000	15,000	16,000	15,000	S	31,000
<30	9,000	7,000	9,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	36,000	S	36,000	S	S	S
60+	S	S	S	S	S	S
Non-S&E precollege/other teachers	29,000	34,000	29,000	30,000	S	23,000
<30	29,000	32,000	29,000	30,000	S	20,000
30–39	30,000	34,000	30,000	27,000	S	36,000
40–49	25,000	29,000	27,000	27,000	S	13,000
50–59	33,000	S	31,000	33,000	S	S
60+	22,000	S	24,000	S	S	S
Sales/marketing occupations	53,000	64,000	50,000	53,000	55,000	54,000
<30	37,000	40,000	33,000	37,000	35,000	37,000
30–39	63,000	69,000	60,000	62,000	S	60,000
40–49	64,000	74,000	S	64,000	57,000	57,000
50–59	59,000	59,000	S	59,000	S	60,000
60+	39,000	45,000	S	39,000	S	42,000

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Social services/related occupations	32,000	31,000	27,000	34,000	28,000	30,000
<30	27,000	29,000	26,000	29,000	S	27,000
30–39	33,000	S	31,000	34,000	S	32,000
40–49	34,000	S	24,000	40,000	S	32,000
50–59	36,000	S	34,000	38,000	S	34,000
60+	25,000	S	S	S	S	S
Other non-S&E occupations	35,000	38,000	26,000	36,000	35,000	35,000
<30	28,000	30,000	20,000	29,000	26,000	28,000
30–39	36,000	42,000	21,000	38,000	43,000	37,000
40–49	40,000	40,000	24,000	40,000	40,000	41,000
50–59	40,000	46,000	35,000	40,000	31,000	40,000
60+	31,000	36,000	S	34,000	S	30,000
Master's degrees, all occupations	64,000	70,000	49,000	72,000	80,000	55,000
<30	45,000	47,000	37,000	48,000	60,000	42,000
30–39	60,000	65,000	43,000	70,000	82,000	55,000
40–49	75,000	82,000	50,000	84,000	88,000	60,000
50–59	68,000	79,000	55,000	75,000	80,000	60,000
60+	54,000	69,000	48,000	60,000	68,000	50,000
S&E occupations	76,000	79,000	43,000	84,000	82,000	69,000
<30	52,000	52,000	18,000	60,000	60,000	49,000
30–39	74,000	75,000	40,000	76,000	82,000	66,000
40–49	90,000	89,000	48,000	94,000	90,000	80,000
50–59	82,000	89,000	50,000	86,000	85,000	72,000
60+	70,000	79,000	47,000	80,000	77,000	60,000
Scientists	72,000	73,000	40,000	78,000	81,000	60,000
<30	50,000	48,000	17,000	58,000	60,000	42,000
30–39	70,000	70,000	39,000	73,000	82,000	58,000
40–49	85,000	84,000	46,000	91,000	90,000	73,000
50–59	75,000	82,000	49,000	75,000	83,000	63,000
60+	60,000	74,000	40,000	68,000	75,000	57,000
Biological/agricultural/other life scientists	55,000	53,000	38,000	61,000	54,000	51,000
<30	34,000	33,000	18,000	47,000	S	46,000
30–39	50,000	50,000	29,000	53,000	S	46,000
40–49	59,000	59,000	43,000	60,000	S	50,000
50–59	64,000	68,000	35,000	67,000	S	67,000
60+	67,000	S	S	67,000	S	S
Agricultural/food scientists	57,000	53,000	S	58,000	S	51,000
<30	S	S	S	S	S	S
30–39	52,000	51,000	S	S	S	S
40–49	S	S	S	S	S	S
50–59	51,000	S	S	S	S	S
60+	S	S	S	S	S	S
Biological/medical scientists	56,000	54,000	S	67,000	55,000	50,000
<30	34,000	34,000	S	54,000	S	45,000
30–39	52,000	50,000	S	55,000	S	45,000
40–49	62,000	67,000	S	68,000	S	51,000
50–59	74,000	72,000	S	75,000	S	S
60+	74,000	S	S	S	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Environmental life scientists	60,000	63,000	S	60,000	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	38,000	40,000	38,000	43,000	S	S
<30	S	S	S	S	S	S
30–39	33,000	S	22,000	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Computer/mathematical scientists	81,000	84,000	42,000	85,000	82,000	79,000
<30	60,000	60,000	18,000	60,000	64,000	52,000
30–39	80,000	81,000	44,000	82,000	83,000	79,000
40–49	90,000	90,000	43,000	95,000	90,000	85,000
50–59	84,000	90,000	55,000	85,000	85,000	79,000
60+	68,000	88,000	21,000	68,000	78,000	60,000
Computer/information scientists	85,000	86,000	75,000	88,000	83,000	80,000
<30	65,000	65,000	S	62,000	65,000	57,000
30–39	83,000	84,000	S	83,000	83,000	82,000
40–49	91,000	90,000	S	96,000	90,000	85,000
50–59	87,000	93,000	S	85,000	87,000	78,000
60+	82,000	90,000	S	80,000	79,000	83,000
Mathematical scientists	78,000	74,000	S	83,000	72,000	93,000
<30	45,000	49,000	S	S	44,000	S
30–39	70,000	66,000	S	82,000	61,000	S
40–49	81,000	80,000	S	81,000	S	S
50–59	83,000	82,000	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	39,000	40,000	38,000	41,000	32,000	48,000
<30	18,000	16,000	18,000	S	S	S
30–39	40,000	49,000	38,000	S	S	S
40–49	40,000	S	40,000	S	S	S
50–59	43,000	S	44,000	S	S	S
60+	34,000	S	17,000	S	S	S
Physical/related scientists	64,000	71,000	42,000	72,000	56,000	58,000
<30	35,000	35,000	19,000	S	26,000	36,000
30–39	55,000	58,000	34,000	57,000	64,000	53,000
40–49	77,000	85,000	46,000	78,000	S	62,000
50–59	73,000	76,000	S	74,000	S	62,000
60+	63,000	74,000	S	S	S	S
Chemists, except biochemists	70,000	73,000	S	71,000	S	54,000
<30	50,000	54,000	S	S	S	S
30–39	63,000	66,000	S	63,000	S	S
40–49	72,000	88,000	S	64,000	S	S
50–59	73,000	74,000	S	74,000	S	S
60+	S	S	S	S	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Earth/atmospheric/ocean scientists	69,000	74,000	S	76,000	57,000	53,000
<30	44,000	44,000	S	S	S	S
30–39	58,000	58,000	S	58,000	S	S
40–49	80,000	91,000	S	87,000	S	S
50–59	76,000	84,000	S	78,000	S	S
60+	S	S	S	S	S	S
Physicists/astronomers	45,000	29,000	S	S	32,000	S
<30	21,000	21,000	S	S	S	S
30–39	52,000	36,000	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	41,000	39,000	41,000	46,000	S	S
<30	18,000	S	18,000	S	S	S
30–39	32,000	S	32,000	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other physical/related scientists	62,000	49,000	S	67,000	S	63,000
<30	S	S	S	S	S	S
30–39	52,000	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	50,000	48,000	38,000	62,000	64,000	50,000
<30	35,000	30,000	15,000	42,000	S	39,000
30–39	50,000	45,000	36,000	62,000	S	50,000
40–49	65,000	76,000	54,000	90,000	S	60,000
50–59	55,000	61,000	45,000	66,000	S	52,000
60+	49,000	49,000	45,000	61,000	S	49,000
Economists	97,000	96,000	S	103,000	S	89,000
<30	54,000	S	S	S	S	S
30–39	109,000	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Political/related scientists	69,000	64,000	S	S	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	28,000	25,000	28,000	44,000	S	27,000
<30	15,000	16,000	15,000	S	S	S
30–39	19,000	19,000	21,000	S	S	S
40–49	48,000	S	46,000	S	S	S
50–59	41,000	S	40,000	S	S	S
60+	46,000	S	45,000	S	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Psychologists	49,000	40,000	51,000	50,000	S	49,000
<30	36,000	22,000	S	S	S	38,000
30–39	45,000	40,000	S	49,000	S	45,000
40–49	54,000	S	S	49,000	S	52,000
50–59	51,000	64,000	S	50,000	S	51,000
60+	49,000	S	S	S	S	49,000
Sociologists/anthropologists	47,000	47,000	S	50,000	S	S
<30	S	S	S	S	S	S
30–39	45,000	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other social/related scientists	70,000	61,000	S	84,000	S	81,000
<30	45,000	45,000	S	39,000	S	S
30–39	66,000	60,000	S	70,000	S	S
40–49	93,000	S	S	S	S	S
50–59	84,000	S	S	S	S	S
60+	S	S	S	S	S	S
Engineers	85,000	84,000	65,000	90,000	86,000	80,000
<30	60,000	60,000	20,000	61,000	60,000	60,000
30–39	80,000	80,000	66,000	80,000	83,000	78,000
40–49	93,000	91,000	60,000	97,000	95,000	86,000
50–59	95,000	96,000	S	95,000	93,000	90,000
60+	84,000	86,000	S	91,000	S	75,000
Aerospace/aeronautical/astronautical engineers	94,000	95,000	S	98,000	91,000	78,000
<30	67,000	66,000	S	S	67,000	S
30–39	82,000	83,000	S	90,000	S	S
40–49	99,000	97,000	S	107,000	S	S
50–59	106,000	110,000	S	100,000	S	S
60+	94,000	96,000	S	S	S	S
Chemical engineers	89,000	89,000	S	90,000	S	83,000
<30	64,000	64,000	S	S	S	S
30–39	80,000	80,000	S	83,000	S	S
40–49	89,000	90,000	S	S	S	S
50–59	105,000	102,000	S	S	S	S
60+	S	S	S	S	S	S
Civil/architectural/sanitary engineers	78,000	71,000	S	81,000	66,000	79,000
<30	54,000	53,000	S	58,000	S	52,000
30–39	72,000	70,000	S	75,000	S	70,000
40–49	89,000	76,000	S	90,000	S	83,000
50–59	88,000	89,000	S	89,000	S	91,000
60+	80,000	74,000	S	91,000	S	S
Electrical/computer hardware engineers	93,000	92,000	S	98,000	91,000	83,000
<30	65,000	67,000	S	64,000	63,000	66,000
30–39	90,000	90,000	S	90,000	96,000	82,000
40–49	100,000	103,000	S	105,000	98,000	90,000
50–59	99,000	98,000	S	99,000	89,000	89,000
60+	83,000	84,000	S	91,000	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Industrial engineers	78,000	79,000	S	76,000	75,000	76,000
<30	52,000	50,000	S	55,000	S	S
30–39	77,000	77,000	S	72,000	S	S
40–49	79,000	78,000	S	88,000	S	S
50–59	82,000	S	S	S	S	S
60+	S	S	S	S	S	S
Mechanical engineers	82,000	80,000	S	90,000	69,000	82,000
<30	61,000	61,000	S	62,000	46,000	61,000
30–39	78,000	77,000	S	80,000	S	74,000
40–49	91,000	89,000	S	94,000	S	S
50–59	90,000	89,000	S	93,000	S	S
60+	92,000	102,000	S	98,000	S	S
Postsecondary teachers-engineering	54,000	48,000	55,000	S	S	S
<30	16,000	S	16,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other engineers	85,000	80,000	S	89,000	85,000	81,000
<30	52,000	49,000	S	59,000	S	51,000
30–39	74,000	70,000	S	77,000	S	70,000
40–49	93,000	91,000	S	97,000	S	92,000
50–59	95,000	99,000	S	90,000	S	90,000
60+	76,000	67,000	S	87,000	S	S
S&E-related occupations	59,000	59,000	50,000	69,000	76,000	60,000
<30	46,000	45,000	41,000	51,000	60,000	48,000
30–39	53,000	51,000	48,000	60,000	81,000	57,000
40–49	63,000	70,000	52,000	73,000	85,000	67,000
50–59	64,000	67,000	58,000	75,000	73,000	62,000
60+	55,000	65,000	50,000	61,000	S	50,000
Health-related occupations	57,000	55,000	53,000	64,000	60,000	58,000
<30	49,000	46,000	43,000	53,000	S	49,000
30–39	55,000	51,000	50,000	60,000	S	56,000
40–49	63,000	56,000	54,000	69,000	S	64,000
50–59	61,000	60,000	60,000	69,000	S	60,000
60+	50,000	S	50,000	53,000	S	50,000
S&E managers	103,000	107,000	S	103,000	104,000	100,000
<30	S	S	S	S	S	S
30–39	99,000	104,000	S	102,000	92,000	98,000
40–49	110,000	109,000	S	111,000	115,000	114,000
50–59	102,000	105,000	S	100,000	S	100,000
60+	50,000	S	S	53,000	S	S
S&E precollege teachers	50,000	48,000	50,000	50,000	58,000	50,000
<30	40,000	43,000	40,000	41,000	S	S
30–39	45,000	46,000	45,000	43,000	S	S
40–49	50,000	49,000	50,000	51,000	S	S
50–59	57,000	54,000	57,000	59,000	S	60,000
60+	50,000	S	50,000	42,000	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
S&E technicians/technologists	60,000	59,000	S	61,000	72,000	56,000
<30	44,000	38,000	S	S	S	S
30–39	61,000	45,000	S	65,000	76,000	59,000
40–49	60,000	62,000	S	57,000	71,000	S
50–59	70,000	70,000	S	72,000	80,000	S
60+	52,000	S	S	S	S	S
Other S&E-related occupations	73,000	66,000	S	78,000	S	74,000
<30	S	S	S	S	S	S
30–39	58,000	55,000	S	60,000	S	58,000
40–49	78,000	74,000	S	77,000	S	S
50–59	88,000	82,000	S	92,000	S	87,000
60+	65,000	S	S	S	S	S
Non-S&E occupations	60,000	57,000	47,000	70,000	60,000	49,000
<30	40,000	40,000	38,000	42,000	48,000	36,000
30–39	55,000	50,000	41,000	67,000	70,000	50,000
40–49	67,000	69,000	48,000	80,000	56,000	50,000
50–59	64,000	69,000	52,000	72,000	70,000	53,000
60+	50,000	51,000	42,000	51,000	44,000	41,000
Art/humanities/related occupations	40,000	47,000	S	43,000	S	30,000
<30	34,000	S	S	S	S	S
30–39	39,000	S	S	41,000	S	41,000
40–49	53,000	60,000	S	49,000	S	29,000
50–59	41,000	S	S	43,000	S	S
60+	17,000	S	S	S	S	14,000
Management-related occupations	77,000	80,000	65,000	78,000	65,000	63,000
<30	53,000	54,000	S	50,000	S	49,000
30–39	88,000	86,000	S	89,000	64,000	83,000
40–49	85,000	80,000	S	88,000	57,000	83,000
50–59	75,000	86,000	S	76,000	80,000	56,000
60+	49,000	74,000	S	49,000	S	44,000
Non-S&E managers	102,000	100,000	80,000	102,000	99,000	100,000
<30	60,000	S	S	55,000	S	S
30–39	90,000	71,000	S	90,000	S	88,000
40–49	119,000	134,000	S	118,000	S	109,000
50–59	100,000	93,000	89,000	100,000	S	100,000
60+	111,000	98,000	S	112,000	S	96,000
Non-S&E postsecondary teachers	40,000	40,000	40,000	40,000	S	40,000
<30	15,000	S	16,000	S	S	S
30–39	40,000	41,000	40,000	S	S	S
40–49	39,000	S	39,000	S	S	S
50–59	40,000	47,000	42,000	43,000	S	S
60+	31,000	S	21,000	S	S	S
Non-S&E precollege/other teachers	48,000	44,000	47,000	50,000	S	50,000
<30	39,000	36,000	39,000	40,000	S	S
30–39	43,000	42,000	43,000	41,000	S	41,000
40–49	47,000	41,000	47,000	52,000	S	50,000
50–59	56,000	52,000	56,000	59,000	S	63,000
60+	49,000	S	49,000	44,000	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Sales/marketing occupations	73,000	72,000	46,000	74,000	75,000	77,000
<30	44,000	48,000	S	43,000	S	S
30–39	81,000	72,000	S	82,000	S	88,000
40–49	81,000	79,000	S	82,000	S	70,000
50–59	65,000	60,000	S	67,000	S	61,000
60+	48,000	S	S	45,000	S	70,000
Social services/related occupations	42,000	38,000	43,000	42,000	S	42,000
<30	35,000	30,000	36,000	38,000	S	34,000
30–39	41,000	36,000	40,000	40,000	S	41,000
40–49	42,000	40,000	47,000	44,000	S	42,000
50–59	48,000	46,000	48,000	49,000	S	47,000
60+	43,000	S	S	45,000	S	46,000
Other non-S&E occupations	44,000	48,000	40,000	48,000	43,000	40,000
<30	36,000	41,000	24,000	37,000	S	34,000
30–39	49,000	44,000	32,000	57,000	S	60,000
40–49	50,000	55,000	46,000	57,000	S	41,000
50–59	48,000	58,000	40,000	49,000	S	40,000
60+	26,000	23,000	24,000	30,000	S	24,000
Doctorate degrees, all occupations	79,000	83,000	65,000	90,000	87,000	70,000
<30	48,000	45,000	47,000	49,000	49,000	56,000
30–39	65,000	65,000	55,000	78,000	80,000	60,000
40–49	82,000	85,000	64,000	93,000	96,000	75,000
50–59	88,000	96,000	72,000	100,000	88,000	77,000
60+	80,000	93,000	70,000	85,000	87,000	68,000
S&E occupations	78,000	80,000	65,000	85,000	87,000	71,000
<30	45,000	46,000	49,000	41,000	49,000	42,000
30–39	64,000	65,000	55,000	72,000	80,000	60,000
40–49	80,000	85,000	65,000	89,000	97,000	74,000
50–59	86,000	92,000	72,000	91,000	90,000	79,000
60+	85,000	95,000	77,000	91,000	84,000	73,000
Scientists	73,000	77,000	64,000	81,000	85,000	70,000
<30	44,000	44,000	49,000	40,000	45,000	41,000
30–39	59,000	60,000	53,000	65,000	80,000	57,000
40–49	76,000	80,000	63,000	84,000	96,000	70,000
50–59	83,000	90,000	70,000	90,000	88,000	79,000
60+	80,000	93,000	75,000	85,000	78,000	70,000
Biological/agricultural/other life scientists	70,000	71,000	63,000	80,000	48,000	70,000
<30	37,000	36,000	S	36,000	S	S
30–39	50,000	50,000	50,000	60,000	42,000	60,000
40–49	74,000	77,000	61,000	84,000	69,000	72,000
50–59	88,000	92,000	70,000	98,000	71,000	85,000
60+	84,000	89,000	80,000	87,000	S	75,000
Agricultural/food scientists	75,000	75,000	S	80,000	S	72,000
<30	S	S	S	S	S	S
30–39	68,000	64,000	S	74,000	S	S
40–49	72,000	74,000	S	80,000	S	64,000
50–59	90,000	91,000	S	91,000	S	77,000
60+	73,000	72,000	S	49,000	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Biological/medical scientists	72,000	72,000	59,000	85,000	45,000	72,000
<30	36,000	36,000	S	36,000	S	S
30–39	50,000	48,000	48,000	61,000	42,000	60,000
40–49	80,000	81,000	61,000	90,000	68,000	75,000
50–59	98,000	98,000	S	102,000	S	92,000
60+	95,000	96,000	S	100,000	S	83,000
Environmental life scientists	72,000	75,000	S	78,000	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	71,000	S	S	S	S	S
50–59	87,000	86,000	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	65,000	69,000	63,000	65,000	S	62,000
<30	S	S	S	S	S	S
30–39	51,000	53,000	50,000	48,000	S	47,000
40–49	63,000	68,000	61,000	63,000	S	63,000
50–59	71,000	77,000	70,000	74,000	S	58,000
60+	78,000	90,000	79,000	70,000	S	79,000
Computer/mathematical scientists	85,000	90,000	68,000	90,000	91,000	84,000
<30	79,000	84,000	63,000	S	71,000	S
30–39	79,000	79,000	63,000	89,000	90,000	86,000
40–49	90,000	93,000	67,000	98,000	100,000	81,000
50–59	85,000	89,000	69,000	86,000	90,000	80,000
60+	85,000	103,000	71,000	100,000	72,000	100,000
Computer/information scientists	98,000	100,000	S	97,000	95,000	90,000
<30	79,000	S	S	S	S	S
30–39	97,000	98,000	S	93,000	95,000	S
40–49	100,000	101,000	S	99,000	100,000	89,000
50–59	94,000	97,000	S	89,000	95,000	89,000
60+	95,000	115,000	S	100,000	72,000	94,000
Mathematical scientists	91,000	92,000	S	105,000	90,000	97,000
<30	76,000	84,000	S	S	S	S
30–39	82,000	81,000	S	99,000	86,000	S
40–49	99,000	99,000	S	108,000	97,000	S
50–59	97,000	99,000	S	105,000	80,000	S
60+	101,000	103,000	S	S	90,000	S
Postsecondary teachers-computer/mathematical sciences	68,000	72,000	68,000	71,000	64,000	56,000
<30	62,000	69,000	63,000	S	S	S
30–39	60,000	63,000	62,000	57,000	S	48,000
40–49	67,000	72,000	66,000	72,000	S	55,000
50–59	70,000	74,000	69,000	77,000	70,000	S
60+	72,000	89,000	72,000	71,000	S	S
Physical/related scientists	80,000	85,000	65,000	90,000	72,000	75,000
<30	45,000	45,000	S	S	S	S
30–39	65,000	68,000	53,000	83,000	55,000	62,000
40–49	82,000	88,000	65,000	89,000	84,000	84,000
50–59	91,000	99,000	70,000	102,000	88,000	89,000
60+	90,000	99,000	78,000	93,000	89,000	79,000

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Chemists, except biochemists	93,000	94,000	S	99,000	65,000	79,000
<30	59,000	58,000	S	S	S	S
30–39	82,000	82,000	S	96,000	S	70,000
40–49	99,000	99,000	S	99,000	S	93,000
50–59	101,000	105,000	S	110,000	S	77,000
60+	89,000	93,000	S	76,000	S	74,000
Earth/atmospheric/ocean scientists	84,000	85,000	S	85,000	79,000	70,000
<30	S	S	S	S	S	S
30–39	65,000	67,000	S	80,000	58,000	S
40–49	84,000	84,000	S	84,000	84,000	S
50–59	99,000	102,000	S	100,000	83,000	S
60+	105,000	109,000	S	111,000	S	S
Physicists/astronomers	95,000	94,000	64,000	109,000	76,000	99,000
<30	S	S	S	S	S	S
30–39	71,000	72,000	S	88,000	58,000	S
40–49	104,000	104,000	S	109,000	104,000	S
50–59	110,000	109,000	S	119,000	100,000	S
60+	109,000	109,000	S	124,000	S	S
Postsecondary teachers-physical/related sciences	65,000	68,000	65,000	62,000	S	62,000
<30	S	S	S	S	S	S
30–39	52,000	53,000	52,000	49,000	S	49,000
40–49	65,000	68,000	65,000	60,000	S	59,000
50–59	71,000	73,000	70,000	75,000	S	S
60+	80,000	93,000	78,000	85,000	S	70,000
Other physical/related scientists	85,000	85,000	S	89,000	S	87,000
<30	S	S	S	S	S	S
30–39	74,000	77,000	S	S	S	S
40–49	78,000	78,000	S	S	S	S
50–59	90,000	89,000	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	67,000	70,000	62,000	71,000	73,000	65,000
<30	41,000	45,000	46,000	S	S	40,000
30–39	55,000	59,000	52,000	63,000	77,000	53,000
40–49	67,000	70,000	60,000	72,000	82,000	66,000
50–59	75,000	79,000	70,000	80,000	70,000	75,000
60+	73,000	85,000	74,000	76,000	S	66,000
Economists	109,000	106,000	S	124,000	90,000	124,000
<30	S	S	S	S	S	S
30–39	104,000	105,000	S	124,000	S	104,000
40–49	103,000	97,000	S	110,000	S	125,000
50–59	130,000	135,000	S	142,000	S	131,000
60+	106,000	125,000	S	S	S	S
Political/related scientists	70,000	70,000	S	83,000	S	S
<30	S	S	S	S	S	S
30–39	60,000	60,000	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-social/related sciences	62,000	65,000	61,000	61,000	S	56,000
<30	49,000	59,000	46,000	S	S	S
30–39	52,000	54,000	51,000	50,000	S	49,000
40–49	60,000	65,000	60,000	57,000	S	54,000
50–59	70,000	74,000	69,000	67,000	S	67,000
60+	74,000	87,000	74,000	67,000	S	65,000
Psychologists	68,000	69,000	73,000	70,000	S	65,000
<30	35,000	S	S	S	S	S
30–39	55,000	60,000	65,000	59,000	S	52,000
40–49	70,000	81,000	69,000	73,000	S	68,000
50–59	80,000	82,000	75,000	80,000	S	77,000
60+	68,000	75,000	69,000	77,000	S	65,000
Sociologists/anthropologists	66,000	67,000	S	74,000	S	69,000
<30	S	S	S	S	S	S
30–39	59,000	58,000	S	S	S	S
40–49	61,000	59,000	S	62,000	S	S
50–59	75,000	74,000	S	90,000	S	S
60+	68,000	69,000	S	S	S	S
Other social/related scientists	72,000	70,000	S	82,000	S	70,000
<30	S	S	S	S	S	S
30–39	72,000	68,000	S	83,000	S	S
40–49	76,000	73,000	S	84,000	S	S
50–59	73,000	71,000	S	82,000	S	69,000
60+	66,000	65,000	S	S	S	S
Engineers	94,000	95,000	83,000	100,000	94,000	89,000
<30	62,000	62,000	S	S	S	S
30–39	85,000	85,000	75,000	95,000	79,000	83,000
40–49	98,000	100,000	80,000	100,000	100,000	90,000
50–59	102,000	104,000	92,000	108,000	110,000	92,000
60+	100,000	100,000	90,000	109,000	106,000	86,000
Aerospace/aeronautical/astronautical engineers	101,000	100,000	S	110,000	105,000	98,000
<30	S	S	S	S	S	S
30–39	87,000	87,000	S	S	S	S
40–49	102,000	104,000	S	110,000	S	S
50–59	119,000	116,000	S	127,000	S	S
60+	95,000	93,000	S	S	S	S
Chemical engineers	99,000	99,000	S	108,000	99,000	94,000
<30	S	S	S	S	S	S
30–39	90,000	89,000	S	99,000	S	S
40–49	106,000	102,000	S	119,000	S	S
50–59	105,000	105,000	S	S	S	S
60+	97,000	93,000	S	S	S	S
Civil/architectural/sanitary engineers	82,000	81,000	S	84,000	68,000	84,000
<30	S	S	S	S	S	S
30–39	72,000	72,000	S	S	S	S
40–49	87,000	87,000	S	95,000	S	S
50–59	84,000	83,000	S	S	S	S
60+	90,000	77,000	S	96,000	S	S

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Electrical/computer hardware engineers	105,000	105,000	S	116,000	100,000	94,000
<30	71,000	78,000	S	S	S	S
30–39	99,000	99,000	S	103,000	91,000	92,000
40–49	112,000	113,000	S	119,000	109,000	109,000
50–59	117,000	122,000	S	113,000	S	107,000
60+	119,000	116,000	S	133,000	S	S
Industrial engineers	66,000	76,000	S	S	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Mechanical engineers	93,000	94,000	S	96,000	75,000	97,000
<30	S	S	S	S	S	S
30–39	80,000	80,000	S	96,000	S	S
40–49	94,000	94,000	S	93,000	S	S
50–59	106,000	112,000	S	108,000	S	S
60+	104,000	105,000	S	S	S	S
Postsecondary teachers-engineering	83,000	85,000	83,000	84,000	S	76,000
<30	S	S	S	S	S	S
30–39	75,000	75,000	76,000	82,000	S	S
40–49	80,000	82,000	80,000	78,000	S	S
50–59	92,000	93,000	92,000	103,000	S	S
60+	90,000	98,000	90,000	85,000	S	S
Other engineers	91,000	90,000	S	100,000	78,000	90,000
<30	47,000	45,000	S	S	S	S
30–39	85,000	83,000	S	95,000	67,000	83,000
40–49	95,000	93,000	S	100,000	89,000	86,000
50–59	100,000	103,000	S	106,000	S	90,000
60+	103,000	100,000	S	110,000	S	99,000
S&E-related occupations	88,000	99,000	70,000	110,000	92,000	84,000
<30	59,000	S	S	S	S	S
30–39	74,000	74,000	61,000	109,000	84,000	60,000
40–49	93,000	100,000	67,000	110,000	95,000	90,000
50–59	91,000	106,000	74,000	124,000	90,000	86,000
60+	80,000	106,000	62,000	81,000	100,000	86,000
Health-related occupations	78,000	80,000	73,000	85,000	57,000	81,000
<30	57,000	S	S	S	S	S
30–39	59,000	58,000	59,000	74,000	S	60,000
40–49	78,000	73,000	70,000	88,000	S	94,000
50–59	84,000	89,000	80,000	99,000	S	82,000
60+	90,000	98,000	92,000	79,000	S	95,000
S&E managers	129,000	138,000	S	128,000	120,000	99,000
<30	S	S	S	S	S	S
30–39	100,000	109,000	S	100,000	S	S
40–49	130,000	130,000	S	130,000	S	98,000
50–59	139,000	149,000	S	138,000	S	120,000
60+	90,000	98,000	S	79,000	S	95,000

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
S&E precollege teachers	55,000	S	59,000	70,000	S	70,000
<30	S	S	S	S	S	S
30–39	.	S	.	S	S	S
40–49	55,000	S	55,000	S	S	S
50–59	68,000	S	68,000	S	S	S
60+	39,000	S	40,000	S	S	S
S&E technicians/technologists	75,000	76,000	S	82,000	85,000	S
<30	S	S	S	S	S	S
30–39	60,000	61,000	S	S	S	S
40–49	91,000	S	S	S	89,000	S
50–59	75,000	71,000	S	S	75,000	S
60+	S	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Non-S&E occupations	78,000	87,000	61,000	93,000	69,000	62,000
<30	52,000	S	S	S	S	S
30–39	65,000	70,000	55,000	79,000	99,000	61,000
40–49	82,000	90,000	58,000	99,000	58,000	66,000
50–59	90,000	100,000	70,000	100,000	.	65,000
60+	70,000	71,000	61,000	75,000	S	60,000
Art/humanities/related occupations	59,000	46,000	S	67,000	S	60,000
<30	S	S	S	S	S	S
30–39	66,000	S	S	68,000	S	65,000
40–49	60,000	63,000	S	65,000	S	54,000
50–59	47,000	44,000	S	70,000	S	43,000
60+	42,000	30,000	S	32,000	S	73,000
Management-related occupations	91,000	98,000	58,000	92,000	99,000	77,000
<30	S	S	S	S	S	S
30–39	97,000	97,000	S	97,000	S	73,000
40–49	92,000	107,000	S	92,000	S	79,000
50–59	100,000	102,000	S	100,000	S	83,000
60+	48,000	51,000	S	42,000	S	58,000
Non-S&E managers	120,000	135,000	98,000	120,000	117,000	108,000
<30	S	S	S	S	S	S
30–39	95,000	79,000	S	95,000	S	S
40–49	130,000	140,000	S	135,000	S	101,000
50–59	121,000	136,000	96,000	120,000	S	118,000
60+	120,000	147,000	S	120,000	S	109,000
Non-S&E postsecondary teachers	60,000	70,000	60,000	57,000	S	53,000
<30	S	S	S	S	S	S
30–39	53,000	50,000	54,000	44,000	S	S
40–49	59,000	67,000	58,000	60,000	S	52,000
50–59	69,000	85,000	71,000	64,000	S	18,000
60+	63,000	86,000	62,000	63,000	S	56,000

TABLE 27. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Non-S&E precollege/other teachers	56,000	S	54,000	59,000	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	61,000	S	61,000	S	S	S
60+	S	S	S	S	S	S
Sales/marketing occupations	79,000	71,000	S	80,000	S	59,000
<30	S	S	S	S	S	S
30–39	86,000	S	S	85,000	S	S
40–49	83,000	74,000	S	96,000	S	S
50–59	106,000	80,000	S	106,000	S	152,000
60+	51,000	S	S	70,000	S	15,000
Social services/related occupations	58,000	39,000	60,000	60,000	S	59,000
<30	S	S	S	S	S	S
30–39	58,000	S	S	S	S	58,000
40–49	48,000	S	S	45,000	S	48,000
50–59	61,000	S	S	64,000	S	55,000
60+	48,000	S	S	53,000	S	59,000
Other non-S&E occupations	45,000	59,000	56,000	37,000	S	57,000
<30	S	S	S	S	S	S
30–39	48,000	S	S	30,000	S	56,000
40–49	44,000	80,000	37,000	45,000	S	42,000
50–59	37,000	100,000	36,000	32,000	S	38,000
60+	52,000	33,000	S	35,000	S	69,000

S = 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. Respondents may have provided multiple responses for work activity. Salaries are for principal job and rounded to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
All degrees and occupations[a]	60,000	42,000	57,000	65,000	70,000	72,000	70,000	70,000	60,000
Male	74,000	48,000	66,000	75,000	82,000	86,000	85,000	80,000	72,000
Female	48,000	39,000	49,000	50,000	52,000	53,000	52,000	50,000	40,000
S&E occupations	72,000	50,000	66,000	75,000	80,000	85,000	82,000	80,000	79,000
Male	76,000	52,000	70,000	80,000	85,000	90,000	86,000	84,000	83,000
Female	60,000	42,000	58,000	67,000	70,000	71,000	66,000	67,000	62,000
Scientists	70,000	45,000	63,000	75,000	78,000	82,000	77,000	76,000	75,000
Male	75,000	48,000	69,000	80,000	83,000	89,000	80,000	80,000	79,000
Female	58,000	39,000	55,000	65,000	69,000	70,000	65,000	68,000	60,000
Biological/agricultural/other life scientists	55,000	35,000	50,000	64,000	67,000	64,000	68,000	74,000	72,000
Male	60,000	36,000	55,000	65,000	71,000	65,000	69,000	74,000	77,000
Female	49,000	34,000	45,000	62,000	59,000	61,000	53,000	73,000	53,000
Agricultural/food scientists	55,000	34,000	57,000	52,000	72,000	57,000	66,000	73,000	60,000
Male	59,000	35,000	60,000	54,000	73,000	58,000	67,000	72,000	58,000
Female	49,000	33,000	46,000	S	71,000	47,000	S	S	S
Biological/medical scientists	55,000	36,000	51,000	68,000	70,000	76,000	68,000	75,000	78,000
Male	60,000	38,000	55,000	69,000	77,000	87,000	85,000	78,000	80,000
Female	50,000	35,000	48,000	67,000	62,000	68,000	49,000	73,000	52,000
Environmental life scientists	59,000	36,000	49,000	46,000	52,000	60,000	67,000	73,000	S
Male	59,000	36,000	49,000	S	S	60,000	67,000	73,000	S
Female	47,000	32,000	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	50,000	21,000	41,000	55,000	50,000	60,000	69,000	69,000	79,000
Male	59,000	22,000	50,000	65,000	54,000	66,000	70,000	73,000	79,000
Female	37,000	18,000	34,000	38,000	37,000	53,000	53,000	45,000	S
Computer/mathematical scientists	75,000	53,000	70,000	80,000	82,000	87,000	80,000	78,000	78,000
Male	80,000	55,000	73,000	81,000	85,000	90,000	85,000	82,000	80,000
Female	67,000	50,000	61,000	70,000	72,000	75,000	72,000	69,000	64,000
Computer/information scientists	76,000	55,000	70,000	80,000	83,000	88,000	81,000	78,000	80,000
Male	80,000	55,000	75,000	81,000	87,000	91,000	86,000	82,000	85,000
Female	69,000	54,000	63,000	72,000	72,000	76,000	73,000	70,000	70,000
Mathematical scientists	73,000	45,000	70,000	81,000	79,000	91,000	77,000	130,000	54,000
Male	80,000	45,000	73,000	84,000	80,000	112,000	75,000	141,000	72,000
Female	60,000	45,000	66,000	72,000	65,000	79,000	S	S	S
Postsecondary teachers-computer/ mathematical sciences	44,000	30,000	41,000	47,000	43,000	48,000	51,000	58,000	51,000
Male	50,000	28,000	41,000	59,000	57,000	65,000	63,000	59,000	51,000
Female	38,000	27,000	42,000	39,000	34,000	39,000	38,000	36,000	S
Physical/related scientists	60,000	36,000	56,000	60,000	68,000	75,000	70,000	73,000	75,000
Male	65,000	36,000	58,000	65,000	72,000	80,000	79,000	74,000	79,000
Female	50,000	35,000	53,000	49,000	60,000	63,000	49,000	63,000	59,000
Chemists, except biochemists	62,000	39,000	57,000	68,000	72,000	83,000	79,000	68,000	74,000
Male	70,000	37,000	58,000	73,000	82,000	83,000	90,000	71,000	80,000
Female	54,000	40,000	57,000	51,000	60,000	82,000	53,000	61,000	S
Earth/atmospheric/ocean scientists	60,000	40,000	58,000	54,000	69,000	82,000	73,000	72,000	70,000
Male	62,000	41,000	58,000	54,000	71,000	89,000	79,000	71,000	73,000
Female	50,000	36,000	50,000	48,000	S	S	S	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Physicists/astronomers	67,000	26,000	61,000	85,000	85,000	99,000	112,000	125,000	104,000
Male	75,000	24,000	62,000	83,000	84,000	100,000	118,000	124,000	108,000
Female	45,000	30,000	58,000	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	52,000	21,000	48,000	60,000	66,000	62,000	60,000	79,000	74,000
Male	60,000	20,000	52,000	64,000	68,000	68,000	80,000	81,000	74,000
Female	44,000	22,000	41,000	53,000	65,000	49,000	S	S	S
Other physical/related scientists	55,000	40,000	41,000	54,000	50,000	62,000	56,000	S	S
Male	56,000	40,000	41,000	56,000	50,000	63,000	S	S	S
Female	45,000	32,000	39,000	S	S	S	S	S	S
Social/related scientists	55,000	36,000	53,000	60,000	66,000	71,000	69,000	75,000	62,000
Male	61,000	39,000	55,000	65,000	79,000	89,000	72,000	80,000	70,000
Female	50,000	35,000	50,000	58,000	59,000	60,000	63,000	60,000	52,000
Economists	90,000	47,000	88,000	106,000	100,000	136,000	106,000	119,000	86,000
Male	100,000	46,000	86,000	104,000	101,000	247,000	126,000	119,000	S
Female	80,000	47,000	90,000	105,000	S	S	S	S	S
Political/related scientists	49,000	35,000	48,000	S	S	S	S	S	S
Male	64,000	36,000	S	S	S	S	S	S	S
Female	45,000	30,000	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	50,000	23,000	45,000	53,000	59,000	61,000	70,000	73,000	65,000
Male	55,000	27,000	50,000	57,000	65,000	65,000	70,000	74,000	70,000
Female	43,000	18,000	42,000	49,000	50,000	60,000	70,000	69,000	12,000
Psychologists	51,000	36,000	49,000	60,000	63,000	63,000	66,000	59,000	54,000
Male	61,000	38,000	45,000	79,000	77,000	70,000	70,000	62,000	58,000
Female	50,000	36,000	49,000	56,000	55,000	53,000	60,000	54,000	50,000
Sociologists/anthropologists	40,000	19,000	41,000	72,000	47,000	66,000	32,000	S	S
Male	39,000	13,000	36,000	S	47,000	S	S	S	S
Female	38,000	24,000	49,000	S	S	S	S	S	S
Other social/related scientists	65,000	45,000	69,000	60,000	90,000	98,000	61,000	100,000	53,000
Male	70,000	49,000	70,000	60,000	91,000	120,000	66,000	93,000	S
Female	60,000	39,000	69,000	61,000	87,000	64,000	54,000	S	S
Engineers	79,000	57,000	72,000	80,000	86,000	90,000	90,000	88,000	85,000
Male	80,000	58,000	72,000	80,000	88,000	90,000	91,000	90,000	85,000
Female	66,000	54,000	66,000	73,000	84,000	80,000	75,000	59,000	S
Aerospace/aeronautical/astronautical engineers	90,000	62,000	80,000	90,000	101,000	99,000	102,000	100,000	102,000
Male	90,000	64,000	80,000	87,000	104,000	99,000	100,000	100,000	103,000
Female	84,000	60,000	77,000	S	S	S	S	S	S
Chemical engineers	85,000	60,000	76,000	80,000	90,000	100,000	95,000	107,000	95,000
Male	90,000	63,000	77,000	83,000	98,000	101,000	95,000	108,000	96,000
Female	72,000	57,000	76,000	70,000	S	S	S	S	S
Civil/architectural/sanitary engineers	70,000	50,000	65,000	71,000	79,000	83,000	82,000	88,000	82,000
Male	74,000	50,000	65,000	72,000	80,000	85,000	84,000	89,000	82,000
Female	60,000	50,000	60,000	66,000	69,000	68,000	S	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Electrical/computer hardware engineers	85,000	61,000	81,000	89,000	90,000	99,000	96,000	89,000	86,000
Male	86,000	62,000	81,000	89,000	90,000	99,000	95,000	90,000	86,000
Female	78,000	58,000	82,000	85,000	99,000	99,000	S	S	S
Industrial engineers	69,000	56,000	60,000	74,000	79,000	74,000	81,000	68,000	67,000
Male	70,000	58,000	60,000	75,000	79,000	74,000	82,000	69,000	67,000
Female	61,000	51,000	66,000	S	S	S	S	S	S
Mechanical engineers	78,000	59,000	70,000	75,000	89,000	86,000	90,000	84,000	95,000
Male	79,000	60,000	71,000	74,000	89,000	86,000	91,000	85,000	95,000
Female	70,000	56,000	64,000	78,000	S	S	S	S	S
Postsecondary teachers-engineering	67,000	24,000	70,000	63,000	76,000	84,000	91,000	80,000	62,000
Male	69,000	24,000	69,000	68,000	75,000	83,000	91,000	80,000	62,000
Female	57,000	22,000	77,000	53,000	S	S	S	S	S
Other engineers	76,000	53,000	72,000	75,000	79,000	90,000	93,000	87,000	84,000
Male	80,000	55,000	73,000	78,000	80,000	89,000	95,000	88,000	84,000
Female	62,000	50,000	63,000	73,000	69,000	88,000	58,000	S	S
S&E-related occupations	60,000	45,000	55,000	60,000	65,000	70,000	70,000	69,000	69,000
Male	80,000	48,000	62,000	76,000	93,000	100,000	98,000	90,000	90,000
Female	50,000	45,000	50,000	50,000	50,000	54,000	56,000	53,000	50,000
Health-related occupations	60,000	46,000	56,000	60,000	62,000	67,000	72,000	69,000	70,000
Male	99,000	48,000	77,000	95,000	119,000	125,000	124,000	104,000	100,000
Female	50,000	46,000	52,000	50,000	50,000	52,000	57,000	52,000	49,000
S&E managers	101,000	84,000	90,000	100,000	110,000	107,000	103,000	109,000	103,000
Male	107,000	92,000	100,000	106,000	114,000	110,000	105,000	118,000	104,000
Female	85,000	77,000	79,000	89,000	89,000	95,000	92,000	89,000	S
S&E precollege teachers	47,000	40,000	45,000	48,000	48,000	52,000	50,000	51,000	49,000
Male	49,000	40,000	46,000	49,000	48,000	57,000	54,000	50,000	54,000
Female	45,000	39,000	42,000	46,000	48,000	50,000	49,000	52,000	46,000
S&E technicians/technologists	55,000	36,000	50,000	59,000	61,000	66,000	65,000	69,000	55,000
Male	60,000	42,000	50,000	60,000	64,000	68,000	64,000	68,000	57,000
Female	49,000	32,000	42,000	57,000	53,000	58,000	58,000	74,000	49,000
Other S&E-related occupations	69,000	57,000	51,000	64,000	74,000	76,000	68,000	79,000	79,000
Male	74,000	58,000	58,000	64,000	75,000	85,000	75,000	79,000	87,000
Female	49,000	57,000	39,000	51,000	S	67,000	S	S	S
Non-S&E occupations	50,000	36,000	50,000	56,000	60,000	62,000	60,000	60,000	48,000
Male	65,000	42,000	61,000	70,000	75,000	80,000	75,000	72,000	60,000
Female	40,000	34,000	42,000	45,000	45,000	46,000	43,000	41,000	32,000
Art/humanities/related occupations	45,000	33,000	50,000	48,000	51,000	59,000	54,000	48,000	29,000
Male	53,000	32,000	53,000	63,000	48,000	53,000	55,000	59,000	29,000
Female	37,000	31,000	40,000	25,000	51,000	60,000	23,000	38,000	27,000
Management-related occupations	65,000	50,000	65,000	73,000	71,000	71,000	70,000	74,000	52,000
Male	73,000	56,000	74,000	82,000	77,000	78,000	80,000	74,000	57,000
Female	55,000	44,000	60,000	59,000	65,000	55,000	58,000	71,000	45,000
Non-S&E managers	101,000	70,000	92,000	90,000	102,000	110,000	114,000	121,000	113,000
Male	110,000	72,000	100,000	99,000	110,000	115,000	123,000	123,000	120,000
Female	85,000	64,000	74,000	78,000	89,000	100,000	96,000	104,000	60,000

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E postsecondary teachers	43,000	35,000	44,000	49,000	47,000	41,000	37,000	50,000	46,000
Male	48,000	43,000	41,000	55,000	62,000	45,000	48,000	57,000	48,000
Female	35,000	24,000	45,000	39,000	32,000	40,000	32,000	4,000	S
Non-S&E precollege/other teachers	38,000	37,000	39,000	38,000	36,000	33,000	40,000	44,000	29,000
Male	42,000	39,000	38,000	40,000	50,000	40,000	45,000	60,000	20,000
Female	36,000	36,000	40,000	36,000	35,000	31,000	35,000	41,000	34,000
Sales/marketing occupations	59,000	38,000	60,000	66,000	62,000	72,000	64,000	69,000	45,000
Male	70,000	45,000	71,000	74,000	73,000	78,000	80,000	74,000	52,000
Female	42,000	32,000	47,000	49,000	50,000	43,000	42,000	38,000	30,000
Social services/related occupations	38,000	32,000	39,000	42,000	41,000	41,000	46,000	40,000	27,000
Male	42,000	35,000	40,000	49,000	47,000	48,000	47,000	49,000	20,000
Female	37,000	30,000	38,000	38,000	39,000	40,000	44,000	39,000	39,000
Other non-S&E occupations	41,000	31,000	43,000	46,000	50,000	46,000	50,000	43,000	35,000
Male	50,000	35,000	53,000	50,000	62,000	59,000	60,000	50,000	45,000
Female	33,000	30,000	36,000	32,000	38,000	39,000	34,000	31,000	27,000
Bachelor's degrees, all occupations	53,000	35,000	50,000	58,000	62,000	66,000	61,000	60,000	52,000
Male	65,000	40,000	58,000	68,000	75,000	80,000	75,000	72,000	65,000
Female	42,000	32,000	42,000	45,000	46,000	50,000	45,000	47,000	39,000
S&E occupations	70,000	44,000	62,000	72,000	79,000	84,000	80,000	78,000	79,000
Male	73,000	46,000	65,000	75,000	82,000	85,000	85,000	80,000	80,000
Female	58,000	36,000	55,000	64,000	68,000	74,000	62,000	65,000	60,000
Scientists	66,000	39,000	58,000	70,000	76,000	80,000	75,000	74,000	74,000
Male	70,000	42,000	64,000	74,000	82,000	85,000	80,000	77,000	79,000
Female	56,000	31,000	51,000	64,000	67,000	73,000	62,000	65,000	58,000
Biological/agricultural/other life scientists	45,000	25,000	41,000	53,000	51,000	54,000	55,000	73,000	53,000
Male	50,000	25,000	45,000	52,000	57,000	53,000	61,000	73,000	56,000
Female	40,000	24,000	36,000	62,000	50,000	54,000	45,000	56,000	S
Agricultural/food scientists	50,000	31,000	S	S	S	S	66,000	S	S
Male	52,000	33,000	S	S	S	S	S	S	S
Female	48,000	S	S	S	S	S	S	S	S
Biological/medical scientists	43,000	25,000	42,000	57,000	54,000	60,000	49,000	59,000	55,000
Male	48,000	25,000	45,000	52,000	51,000	60,000	51,000	S	S
Female	40,000	25,000	40,000	65,000	54,000	68,000	36,000	S	S
Environmental life scientists	53,000	31,000	S	S	S	S	S	S	S
Male	54,000	32,000	S	S	S	S	S	S	S
Female	37,000	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	20,000	14,000	S	S	S	S	S	S	S
Male	21,000	S	S	S	S	S	S	S	S
Female	17,000	S	S	S	S	S	S	S	S
Computer/mathematical scientists	72,000	46,000	65,000	75,000	80,000	85,000	80,000	75,000	79,000
Male	75,000	47,000	68,000	78,000	83,000	89,000	83,000	80,000	82,000
Female	65,000	42,000	57,000	69,000	70,000	75,000	70,000	65,000	67,000
Computer/information scientists	73,000	48,000	65,000	75,000	80,000	85,000	80,000	75,000	80,000
Male	75,000	48,000	70,000	78,000	84,000	89,000	83,000	80,000	83,000
Female	66,000	44,000	59,000	68,000	70,000	75,000	70,000	67,000	72,000
Mathematical scientists	55,000	40,000	52,000	S	S	S	S	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Male	63,000	40,000	S	S	S	S	S	S	S
Female	50,000	44,000	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	21,000	12,000	S	S	S	S	S	S	S
Male	20,000	14,000	S	S	S	S	S	S	S
Female	15,000	10,000	S	S	S	S	S	S	S
Physical/related scientists	51,000	29,000	50,000	54,000	60,000	65,000	56,000	59,000	74,000
Male	55,000	28,000	50,000	55,000	58,000	65,000	64,000	57,000	80,000
Female	47,000	29,000	50,000	47,000	60,000	62,000	48,000	S	S
Chemists, except biochemists	55,000	31,000	50,000	58,000	63,000	69,000	67,000	48,000	71,000
Male	59,000	30,000	50,000	65,000	69,000	67,000	76,000	42,000	75,000
Female	50,000	34,000	56,000	47,000	S	S	S	S	S
Earth/atmospheric/ocean scientists	55,000	34,000	57,000	51,000	59,000	67,000	69,000	S	S
Male	55,000	35,000	57,000	52,000	57,000	S	69,000	S	S
Female	47,000	32,000	S	S	S	S	S	S	S
Physicists/astronomers	23,000	20,000	S	S	S	S	S	S	S
Male	23,000	20,000	S	S	S	S	S	S	S
Female	27,000	25,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	21,000	18,000	S	S	S	S	S	S	S
Male	21,000	18,000	S	S	S	S	S	S	S
Female	22,000	18,000	S	S	S	S	S	S	S
Other physical/related scientists	49,000	37,000	S	S	S	S	S	S	S
Male	55,000	39,000	S	S	S	S	S	S	S
Female	45,000	S	S	S	S	S	S	S	S
Social/related scientists	45,000	25,000	45,000	54,000	58,000	68,000	52,000	S	S
Male	51,000	23,000	42,000	S	S	S	S	S	S
Female	39,000	27,000	45,000	34,000	S	S	S	S	S
Economists	52,000	44,000	S	S	S	S	S	S	S
Male	56,000	S	S	S	S	S	S	S	S
Female	51,000	S	S	S	S	S	S	S	S
Political/related scientists	44,000	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	13,000	13,000	S	S	S	S	S	S	S
Male	15,000	S	S	S	S	S	S	S	S
Female	12,000	S	S	S	S	S	S	S	S
Psychologists	29,000	26,000	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	33,000	25,000	S	S	S	S	S	S	S
Sociologists/anthropologists	19,000	13,000	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other social/related scientists	59,000	36,000	58,000	59,000	S	S	S	S	S
Male	60,000	40,000	S	S	S	S	S	S	S
Female	53,000	31,000	S	S	S	S	S	S	S
Engineers	75,000	51,000	65,000	75,000	81,000	87,000	90,000	85,000	83,000
Male	75,000	52,000	66,000	74,000	82,000	87,000	90,000	85,000	83,000
Female	62,000	51,000	63,000	69,000	72,000	80,000	68,000	S	S
Aerospace/aeronautical/astronautical engineers	85,000	56,000	68,000	81,000	100,000	98,000	98,000	87,000	104,000
Male	86,000	56,000	67,000	82,000	100,000	98,000	98,000	87,000	104,000
Female	71,000	55,000	S	S	S	S	S	S	S
Chemical engineers	79,000	54,000	71,000	74,000	88,000	98,000	94,000	104,000	S
Male	85,000	53,000	70,000	80,000	93,000	101,000	93,000	105,000	S
Female	70,000	54,000	72,000	S	S	S	S	S	S
Civil/architectural/sanitary engineers	68,000	49,000	61,000	70,000	75,000	79,000	75,000	89,000	81,000
Male	70,000	49,000	61,000	70,000	77,000	80,000	78,000	90,000	81,000
Female	59,000	49,000	60,000	61,000	S	S	S	S	S
Electrical/computer hardware engineers	80,000	55,000	71,000	80,000	85,000	95,000	95,000	87,000	79,000
Male	80,000	55,000	72,000	80,000	86,000	95,000	95,000	87,000	79,000
Female	65,000	54,000	66,000	S	73,000	99,000	S	S	S
Industrial engineers	65,000	50,000	60,000	73,000	67,000	71,000	81,000	69,000	S
Male	65,000	51,000	60,000	74,000	70,000	70,000	82,000	69,000	S
Female	60,000	50,000	S	S	S	S	S	S	S
Mechanical engineers	75,000	52,000	66,000	72,000	84,000	85,000	89,000	83,000	90,000
Male	75,000	52,000	67,000	72,000	83,000	85,000	89,000	84,000	90,000
Female	68,000	53,000	61,000	S	S	S	S	S	S
Postsecondary teachers-engineering	45,000	12,000	S	S	S	S	S	S	S
Male	47,000	12,000	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other engineers	72,000	48,000	65,000	72,000	75,000	85,000	89,000	80,000	84,000
Male	75,000	48,000	65,000	71,000	76,000	85,000	93,000	83,000	84,000
Female	60,000	48,000	59,000	74,000	69,000	63,000	S	S	S
S&E-related occupations	50,000	40,000	48,000	50,000	52,000	56,000	59,000	59,000	55,000
Male	65,000	38,000	51,000	63,000	70,000	70,000	74,000	74,000	72,000
Female	47,000	40,000	45,000	45,000	47,000	50,000	50,000	52,000	48,000
Health-related occupations	50,000	42,000	49,000	49,000	49,000	50,000	58,000	53,000	50,000
Male	62,000	40,000	50,000	65,000	66,000	60,000	80,000	72,000	74,000
Female	47,000	42,000	46,000	45,000	46,000	50,000	50,000	51,000	45,000
S&E managers	100,000	60,000	78,000	100,000	104,000	105,000	100,000	99,000	99,000
Male	103,000	56,000	88,000	105,000	109,000	109,000	100,000	104,000	99,000
Female	81,000	S	S	S	84,000	85,000	89,000	S	S
S&E precollege teachers	42,000	34,000	38,000	39,000	45,000	50,000	45,000	50,000	49,000
Male	43,000	35,000	42,000	41,000	45,000	S	47,000	49,000	52,000
Female	40,000	33,000	36,000	39,000	45,000	47,000	45,000	51,000	47,000
S&E technicians/technologists	55,000	33,000	47,000	58,000	60,000	64,000	65,000	68,000	55,000
Male	57,000	35,000	47,000	59,000	63,000	67,000	67,000	66,000	57,000
Female	49,000	30,000	42,000	53,000	54,000	54,000	57,000	74,000	46,000

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other S&E-related occupations	68,000	57,000	52,000	59,000	72,000	72,000	60,000	80,000	76,000
Male	72,000	54,000	59,000	64,000	73,000	76,000	67,000	80,000	81,000
Female	48,000	S	S	45,000	S	S	S	S	S
Non-S&E occupations	45,000	30,000	41,000	50,000	52,000	56,000	52,000	51,000	45,000
Male	58,000	34,000	50,000	60,000	67,000	74,000	67,000	62,000	54,000
Female	34,000	28,000	35,000	38,000	38,000	40,000	35,000	40,000	31,000
Art/humanities/related occupations	48,000	25,000	54,000	48,000	52,000	67,000	47,000	49,000	30,000
Male	51,000	25,000	S	S	S	S	S	S	S
Female	40,000	25,000	39,000	26,000	S	S	S	S	S
Management-related occupations	60,000	41,000	50,000	65,000	68,000	68,000	65,000	72,000	57,000
Male	69,000	48,000	59,000	74,000	72,000	74,000	79,000	74,000	60,000
Female	50,000	38,000	47,000	52,000	61,000	54,000	50,000	60,000	45,000
Non-S&E managers	100,000	55,000	85,000	80,000	99,000	104,000	105,000	119,000	111,000
Male	105,000	55,000	98,000	85,000	100,000	110,000	108,000	119,000	118,000
Female	75,000	53,000	S	76,000	76,000	77,000	98,000	S	S
Non-S&E postsecondary teachers	15,000	9,000	14,000	S	S	S	S	S	S
Male	17,000	9,000	S	S	S	S	S	S	S
Female	14,000	9,000	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	29,000	27,000	33,000	27,000	23,000	27,000	27,000	42,000	26,000
Male	36,000	29,000	35,000	39,000	S	S	S	S	S
Female	27,000	26,000	31,000	19,000	22,000	25,000	20,000	35,000	25,000
Sales/marketing occupations	53,000	33,000	51,000	64,000	63,000	72,000	59,000	63,000	47,000
Male	64,000	36,000	64,000	71,000	74,000	77,000	78,000	69,000	55,000
Female	39,000	30,000	44,000	50,000	49,000	43,000	36,000	38,000	33,000
Social services/related occupations	32,000	27,000	31,000	34,000	34,000	38,000	38,000	36,000	S
Male	33,000	29,000	30,000	S	S	S	S	S	S
Female	30,000	27,000	31,000	31,000	36,000	35,000	38,000	38,000	S
Other non-S&E occupations	35,000	27,000	35,000	38,000	40,000	40,000	40,000	40,000	32,000
Male	43,000	29,000	40,000	45,000	52,000	49,000	54,000	45,000	39,000
Female	29,000	25,000	30,000	26,000	30,000	30,000	30,000	30,000	27,000
Master's degrees, all occupations	64,000	50,000	63,000	70,000	72,000	71,000	70,000	70,000	56,000
Male	78,000	60,000	80,000	84,000	87,000	90,000	85,000	78,000	63,000
Female	51,000	45,000	52,000	54,000	57,000	54,000	60,000	52,000	45,000
S&E occupations	76,000	60,000	75,000	85,000	87,000	90,000	82,000	80,000	77,000
Male	83,000	65,000	83,000	90,000	90,000	100,000	88,000	85,000	80,000
Female	60,000	47,000	60,000	72,000	71,000	68,000	69,000	61,000	62,000
Scientists	72,000	51,000	70,000	82,000	80,000	85,000	76,000	73,000	63,000
Male	80,000	60,000	81,000	90,000	88,000	96,000	79,000	79,000	64,000
Female	59,000	45,000	56,000	69,000	70,000	65,000	66,000	61,000	60,000
Biological/agricultural/other life scientists	55,000	43,000	54,000	58,000	70,000	59,000	62,000	70,000	S
Male	59,000	43,000	57,000	65,000	70,000	59,000	61,000	69,000	S
Female	50,000	42,000	50,000	48,000	63,000	50,000	S	S	S
Agricultural/food scientists	57,000	41,000	S	S	S	S	S	S	S
Male	57,000	38,000	S	S	S	S	S	S	S
Female	56,000	S	S	S	S	S	S	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Biological/medical scientists	56,000	44,000	55,000	69,000	70,000	62,000	67,000	86,000	S
Male	60,000	44,000	59,000	70,000	73,000	S	S	S	S
Female	52,000	43,000	50,000	61,000	58,000	51,000	S	S	S
Environmental life scientists	60,000	S	S	S	S	S	S	S	S
Male	61,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	38,000	33,000	S	S	S	S	S	S	S
Male	46,000	40,000	S	S	S	S	S	S	S
Female	31,000	20,000	S	S	S	S	S	S	S
Computer/mathematical scientists	81,000	66,000	81,000	90,000	88,000	92,000	87,000	82,000	62,000
Male	87,000	70,000	89,000	94,000	93,000	99,000	90,000	88,000	68,000
Female	70,000	59,000	67,000	80,000	72,000	73,000	74,000	71,000	S
Computer/information scientists	85,000	70,000	83,000	90,000	90,000	95,000	95,000	87,000	81,000
Male	90,000	71,000	89,000	95,000	95,000	99,000	97,000	90,000	91,000
Female	74,000	64,000	69,000	84,000	76,000	80,000	81,000	72,000	S
Mathematical scientists	78,000	47,000	83,000	83,000	84,000	S	S	S	S
Male	81,000	54,000	84,000	S	S	S	S	S	S
Female	61,000	40,000	79,000	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	39,000	22,000	41,000	40,000	31,000	42,000	50,000	47,000	12,000
Male	41,000	23,000	38,000	S	S	S	S	S	S
Female	37,000	16,000	41,000	38,000	S	S	S	S	S
Physical/related scientists	64,000	40,000	56,000	67,000	66,000	91,000	91,000	73,000	62,000
Male	70,000	38,000	60,000	68,000	72,000	99,000	91,000	73,000	55,000
Female	50,000	44,000	49,000	63,000	60,000	S	S	S	S
Chemists, except biochemists	70,000	50,000	58,000	73,000	S	S	S	S	S
Male	73,000	51,000	S	S	S	S	S	S	S
Female	60,000	50,000	54,000	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	69,000	44,000	60,000	S	73,000	101,000	68,000	S	S
Male	73,000	44,000	60,000	S	S	100,000	S	S	S
Female	57,000	46,000	S	S	S	S	S	S	S
Physicists/astronomers	45,000	21,000	S	S	S	S	S	S	S
Male	48,000	21,000	S	S	S	S	S	S	S
Female	36,000	20,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	41,000	18,000	S	S	S	S	S	S	S
Male	45,000	18,000	S	S	S	S	S	S	S
Female	40,000	17,000	S	S	S	S	S	S	S
Other physical/related scientists	62,000	45,000	S	S	S	S	S	S	S
Male	65,000	S	S	S	S	S	S	S	S
Female	43,000	S	S	S	S	S	S	S	S
Social/related scientists	50,000	34,000	49,000	61,000	50,000	70,000	58,000	58,000	60,000
Male	60,000	39,000	61,000	69,000	54,000	98,000	58,000	63,000	59,000
Female	48,000	27,000	45,000	57,000	50,000	54,000	56,000	54,000	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Economists	97,000	45,000	S	S	S	S	S	S	S
Male	102,000	S	S	S	S	S	S	S	S
Female	83,000	S	S	S	S	S	S	S	S
Political/related scientists	69,000	45,000	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	49,000	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	28,000	15,000	27,000	S	S	S	S	S	S
Male	39,000	13,000	S	S	S	S	S	S	S
Female	18,000	15,000	37,000	S	S	S	S	S	S
Psychologists	49,000	34,000	44,000	54,000	50,000	58,000	54,000	48,000	S
Male	51,000	29,000	S	S	S	S	58,000	S	S
Female	49,000	35,000	43,000	52,000	49,000	48,000	54,000	42,000	S
Sociologists/anthropologists	47,000	26,000	S	S	S	S	S	S	S
Male	47,000	S	S	S	S	S	S	S	S
Female	42,000	S	S	S	S	S	S	S	S
Other social/related scientists	70,000	45,000	70,000	S	S	S	S	S	S
Male	89,000	50,000	S	S	S	S	S	S	S
Female	62,000	45,000	65,000	S	S	S	S	S	S
Engineers	85,000	67,000	82,000	90,000	95,000	100,000	96,000	92,000	97,000
Male	88,000	70,000	84,000	90,000	95,000	101,000	96,000	92,000	98,000
Female	70,000	60,000	71,000	83,000	98,000	74,000	S	S	S
Aerospace/aeronautical/astronautical engineers	94,000	74,000	82,000	98,000	105,000	97,000	116,000	S	S
Male	92,000	75,000	81,000	94,000	108,000	97,000	S	S	S
Female	98,000	72,000	S	S	S	S	S	S	S
Chemical engineers	89,000	77,000	89,000	S	87,000	S	S	S	S
Male	90,000	80,000	S	S	S	S	S	S	S
Female	84,000	64,000	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	78,000	56,000	74,000	79,000	89,000	96,000	86,000	79,000	86,000
Male	80,000	57,000	76,000	79,000	89,000	101,000	88,000	79,000	88,000
Female	64,000	56,000	59,000	S	S	S	S	S	S
Electrical/computer hardware engineers	93,000	73,000	90,000	98,000	105,000	103,000	95,000	106,000	108,000
Male	93,000	74,000	90,000	97,000	100,000	102,000	93,000	108,000	109,000
Female	90,000	61,000	90,000	S	S	S	S	S	S
Industrial engineers	78,000	68,000	74,000	S	S	S	S	S	S
Male	78,000	68,000	74,000	S	S	S	S	S	S
Female	68,000	55,000	S	S	S	S	S	S	S
Mechanical engineers	82,000	70,000	80,000	80,000	92,000	86,000	101,000	87,000	100,000
Male	84,000	71,000	82,000	80,000	93,000	86,000	102,000	87,000	100,000
Female	73,000	64,000	69,000	S	S	S	S	S	S
Postsecondary teachers-engineering	54,000	20,000	S	S	S	S	S	S	S
Male	55,000	20,000	S	S	S	S	S	S	S
Female	43,000	S	S	S	S	S	S	S	S
Other engineers	85,000	63,000	80,000	90,000	94,000	120,000	96,000	89,000	73,000
Male	90,000	65,000	86,000	93,000	95,000	123,000	96,000	89,000	76,000
Female	65,000	55,000	65,000	67,000	S	S	S	S	S
S&E-related occupations	59,000	50,000	57,000	60,000	62,000	63,000	64,000	59,000	59,000

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Male	67,000	54,000	60,000	69,000	82,000	81,000	80,000	63,000	69,000
Female	54,000	50,000	53,000	56,000	54,000	55,000	57,000	54,000	37,000
Health-related occupations	57,000	55,000	60,000	57,000	56,000	60,000	60,000	53,000	50,000
Male	71,000	68,000	65,000	74,000	74,000	85,000	69,000	75,000	S
Female	55,000	53,000	57,000	56,000	53,000	55,000	56,000	51,000	23,000
S&E managers	103,000	90,000	100,000	100,000	118,000	105,000	104,000	120,000	S
Male	110,000	100,000	106,000	108,000	119,000	108,000	105,000	131,000	S
Female	90,000	80,000	89,000	86,000	100,000	S	S	S	S
S&E precollege teachers	50,000	44,000	48,000	50,000	55,000	55,000	55,000	55,000	53,000
Male	51,000	48,000	50,000	51,000	58,000	59,000	64,000	53,000	S
Female	49,000	42,000	45,000	50,000	53,000	52,000	52,000	61,000	S
S&E technicians/technologists	60,000	48,000	65,000	73,000	62,000	72,000	54,000	S	S
Male	65,000	59,000	70,000	77,000	73,000	S	54,000	S	S
Female	48,000	34,000	44,000	S	S	S	S	S	S
Other S&E-related occupations	73,000	57,000	49,000	66,000	80,000	85,000	S	S	S
Male	75,000	S	S	64,000	S	S	S	S	S
Female	52,000	S	S	S	S	S	S	S	S
Non-S&E occupations	60,000	47,000	58,000	62,000	65,000	63,000	70,000	70,000	49,000
Male	75,000	60,000	82,000	85,000	81,000	82,000	83,000	77,000	53,000
Female	48,000	41,000	50,000	48,000	54,000	51,000	58,000	50,000	43,000
Art/humanities/related occupations	40,000	37,000	45,000	45,000	S	S	S	S	S
Male	52,000	43,000	S	S	S	S	S	S	S
Female	35,000	35,000	S	S	S	S	S	S	S
Management-related occupations	77,000	61,000	86,000	85,000	80,000	79,000	84,000	78,000	49,000
Male	84,000	74,000	91,000	100,000	86,000	91,000	84,000	77,000	50,000
Female	67,000	55,000	75,000	74,000	65,000	59,000	79,000	S	S
Non-S&E managers	102,000	75,000	92,000	102,000	110,000	124,000	115,000	106,000	116,000
Male	110,000	76,000	100,000	110,000	129,000	121,000	138,000	108,000	118,000
Female	88,000	74,000	82,000	83,000	99,000	124,000	88,000	S	S
Non-S&E postsecondary teachers	40,000	35,000	40,000	35,000	42,000	40,000	S	6,000	S
Male	41,000	42,000	40,000	S	S	S	S	S	S
Female	35,000	32,000	41,000	S	42,000	S	S	S	S
Non-S&E precollege/other teachers	48,000	42,000	48,000	45,000	55,000	56,000	59,000	52,000	42,000
Male	50,000	46,000	50,000	51,000	S	S	S	S	S
Female	47,000	41,000	47,000	43,000	55,000	56,000	59,000	50,000	S
Sales/marketing occupations	73,000	73,000	87,000	70,000	59,000	70,000	81,000	86,000	37,000
Male	84,000	87,000	98,000	88,000	73,000	79,000	86,000	89,000	38,000
Female	50,000	53,000	66,000	47,000	50,000	37,000	S	S	S
Social services/related occupations	42,000	37,000	41,000	47,000	44,000	46,000	50,000	51,000	40,000
Male	49,000	43,000	40,000	51,000	51,000	50,000	48,000	57,000	S
Female	40,000	36,000	42,000	43,000	40,000	44,000	50,000	40,000	46,000
Other non-S&E occupations	44,000	40,000	58,000	49,000	50,000	41,000	41,000	38,000	30,000
Male	54,000	43,000	84,000	65,000	60,000	51,000	41,000	39,000	31,000
Female	39,000	37,000	48,000	23,000	42,000	38,000	39,000	35,000	28,000

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Doctorate degrees, all occupations	79,000	52,000	71,000	80,000	85,000	93,000	95,000	99,000	92,000
Male	85,000	55,000	79,000	86,000	92,000	98,000	99,000	100,000	93,000
Female	65,000	49,000	61,000	70,000	70,000	85,000	80,000	89,000	71,000
S&E occupations	78,000	50,000	70,000	80,000	84,000	90,000	93,000	94,000	90,000
Male	84,000	54,000	76,000	86,000	90,000	96,000	97,000	95,000	92,000
Female	62,000	45,000	61,000	68,000	72,000	79,000	83,000	80,000	64,000
Scientists	73,000	47,000	65,000	75,000	80,000	89,000	90,000	91,000	90,000
Male	80,000	50,000	70,000	82,000	84,000	94,000	92,000	92,000	90,000
Female	60,000	45,000	60,000	65,000	70,000	76,000	83,000	80,000	62,000
Biological/agricultural/other life scientists	70,000	42,000	60,000	72,000	81,000	93,000	95,000	89,000	94,000
Male	75,000	42,000	63,000	78,000	84,000	96,000	101,000	90,000	94,000
Female	60,000	41,000	57,000	63,000	74,000	85,000	78,000	78,000	74,000
Agricultural/food scientists	75,000	51,000	68,000	75,000	76,000	100,000	83,000	74,000	80,000
Male	80,000	52,000	72,000	78,000	80,000	100,000	90,000	74,000	80,000
Female	62,000	46,000	60,000	S	S	S	S	S	S
Biological/medical scientists	72,000	42,000	62,000	80,000	93,000	98,000	113,000	100,000	100,000
Male	80,000	42,000	65,000	84,000	100,000	103,000	125,000	105,000	102,000
Female	60,000	40,000	60,000	72,000	80,000	88,000	87,000	64,000	S
Environmental life scientists	72,000	S	S	S	S	S	S	S	S
Male	74,000	S	S	S	S	S	S	S	S
Female	70,000	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	65,000	45,000	53,000	60,000	66,000	75,000	73,000	81,000	92,000
Male	68,000	48,000	53,000	65,000	66,000	80,000	74,000	80,000	93,000
Female	54,000	44,000	51,000	53,000	64,000	68,000	68,000	87,000	S
Computer/mathematical scientists	85,000	68,000	83,000	90,000	89,000	90,000	94,000	91,000	86,000
Male	88,000	74,000	88,000	92,000	89,000	93,000	95,000	92,000	89,000
Female	76,000	60,000	77,000	80,000	75,000	72,000	89,000	82,000	S
Computer/information scientists	98,000	80,000	96,000	100,000	100,000	99,000	99,000	97,000	78,000
Male	100,000	80,000	99,000	100,000	101,000	100,000	99,000	96,000	87,000
Female	88,000	73,000	77,000	97,000	S	S	S	S	S
Mathematical scientists	91,000	69,000	99,000	104,000	86,000	90,000	104,000	99,000	103,000
Male	97,000	70,000	95,000	119,000	92,000	90,000	103,000	99,000	104,000
Female	80,000	65,000	99,000	81,000	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	68,000	50,000	63,000	65,000	72,000	75,000	80,000	77,000	85,000
Male	70,000	49,000	65,000	65,000	75,000	75,000	80,000	77,000	85,000
Female	60,000	52,000	55,000	63,000	65,000	S	S	S	S
Physical/related scientists	80,000	50,000	70,000	85,000	84,000	95,000	94,000	100,000	92,000
Male	84,000	54,000	70,000	89,000	85,000	97,000	95,000	100,000	93,000
Female	63,000	45,000	67,000	70,000	70,000	90,000	90,000	S	S
Chemists, except biochemists	93,000	60,000	89,000	100,000	100,000	104,000	106,000	97,000	98,000
Male	95,000	67,000	86,000	102,000	100,000	106,000	106,000	105,000	98,000
Female	81,000	41,000	89,000	93,000	97,000	S	S	S	S
Earth/atmospheric/ocean scientists	84,000	54,000	70,000	84,000	86,000	106,000	104,000	110,000	104,000
Male	85,000	55,000	72,000	84,000	86,000	106,000	102,000	106,000	104,000
Female	69,000	51,000	67,000	77,000	S	S	S	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Physicists/astronomers	95,000	49,000	84,000	104,000	102,000	108,000	120,000	124,000	109,000
Male	99,000	52,000	83,000	104,000	99,000	108,000	121,000	124,000	112,000
Female	52,000	45,000	85,000	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	65,000	48,000	56,000	63,000	68,000	73,000	80,000	89,000	80,000
Male	67,000	48,000	57,000	65,000	70,000	73,000	79,000	90,000	80,000
Female	54,000	46,000	54,000	54,000	67,000	63,000	S	S	S
Other physical/related scientists	85,000	66,000	80,000	S	S	S	S	S	S
Male	88,000	63,000	S	S	S	S	S	S	S
Female	69,000	S	S	S	S	S	S	S	S
Social/related scientists	67,000	48,000	60,000	68,000	74,000	80,000	82,000	88,000	79,000
Male	75,000	51,000	63,000	71,000	80,000	85,000	84,000	88,000	80,000
Female	60,000	46,000	58,000	64,000	68,000	70,000	79,000	79,000	67,000
Economists	109,000	81,000	104,000	100,000	110,000	113,000	145,000	S	S
Male	113,000	80,000	104,000	110,000	102,000	118,000	146,000	S	S
Female	97,000	82,000	102,000	S	S	S	S	S	S
Political/related scientists	70,000	54,000	S	S	S	S	S	S	S
Male	72,000	S	S	S	S	S	S	S	S
Female	63,000	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	62,000	48,000	54,000	60,000	69,000	76,000	75,000	88,000	88,000
Male	69,000	48,000	55,000	61,000	74,000	79,000	75,000	88,000	89,000
Female	55,000	48,000	51,000	57,000	63,000	70,000	74,000	79,000	S
Psychologists	68,000	44,000	64,000	70,000	74,000	80,000	88,000	79,000	55,000
Male	79,000	53,000	69,000	79,000	82,000	88,000	93,000	80,000	56,000
Female	60,000	44,000	62,000	63,000	68,000	69,000	78,000	78,000	S
Sociologists/anthropologists	66,000	54,000	61,000	75,000	66,000	68,000	92,000	S	S
Male	70,000	S	S	S	S	S	S	S	S
Female	63,000	49,000	61,000	S	S	S	S	S	S
Other social/related scientists	72,000	58,000	80,000	71,000	84,000	88,000	75,000	74,000	S
Male	80,000	S	81,000	83,000	S	S	S	S	S
Female	70,000	57,000	80,000	70,000	S	S	S	S	S
Engineers	94,000	70,000	90,000	99,000	100,000	102,000	110,000	103,000	99,000
Male	95,000	70,000	90,000	100,000	100,000	105,000	110,000	103,000	99,000
Female	83,000	70,000	88,000	82,000	98,000	84,000	S	S	S
Aerospace/aeronautical/astronautical engineers	101,000	75,000	101,000	105,000	105,000	S	108,000	135,000	S
Male	102,000	74,000	101,000	107,000	105,000	S	S	135,000	S
Female	S	S	S	S	S	S	S	S	S
Chemical engineers	99,000	75,000	90,000	99,000	113,000	105,000	S	116,000	S
Male	100,000	69,000	92,000	99,000	117,000	107,000	S	116,000	S
Female	85,000	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	82,000	61,000	80,000	89,000	98,000	S	S	S	S
Male	82,000	60,000	80,000	91,000	98,000	S	S	S	S
Female	78,000	S	S	S	S	S	S	S	S

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Electrical/computer hardware engineers	105,000	87,000	106,000	110,000	116,000	127,000	126,000	115,000	118,000
Male	109,000	89,000	108,000	114,000	119,000	128,000	125,000	112,000	119,000
Female	93,000	81,000	97,000	89,000	S	S	S	S	S
Industrial engineers	66,000	S	S	S	S	S	S	S	S
Male	65,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Mechanical engineers	93,000	79,000	89,000	94,000	95,000	117,000	107,000	102,000	S
Male	94,000	79,000	90,000	93,000	95,000	118,000	107,000	102,000	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	83,000	65,000	76,000	78,000	90,000	91,000	108,000	96,000	92,000
Male	85,000	67,000	75,000	79,000	90,000	91,000	107,000	96,000	92,000
Female	72,000	61,000	79,000	70,000	S	S	S	S	S
Other engineers	91,000	57,000	89,000	98,000	100,000	103,000	105,000	103,000	106,000
Male	91,000	53,000	89,000	100,000	100,000	105,000	108,000	103,000	110,000
Female	89,000	69,000	96,000	84,000	S	S	S	S	S
S&E-related occupations	88,000	59,000	71,000	94,000	94,000	100,000	99,000	122,000	118,000
Male	100,000	60,000	85,000	100,000	119,000	104,000	106,000	130,000	119,000
Female	70,000	57,000	61,000	82,000	70,000	97,000	63,000	96,000	S
Health-related occupations	78,000	59,000	65,000	72,000	89,000	100,000	92,000	115,000	112,000
Male	94,000	60,000	84,000	98,000	121,000	102,000	99,000	120,000	116,000
Female	65,000	59,000	60,000	60,000	82,000	98,000	43,000	93,000	S
S&E managers	129,000	85,000	101,000	124,000	119,000	134,000	141,000	149,000	130,000
Male	134,000	112,000	110,000	130,000	130,000	140,000	145,000	149,000	129,000
Female	97,000	29,000	90,000	104,000	67,000	120,000	S	S	S
S&E precollege teachers	55,000	S	51,000	S	59,000	39,000	S	S	S
Male	43,000	S	S	S	S	S	S	S	S
Female	69,000	S	S	S	S	S	S	S	S
S&E technicians/technologists	75,000	S	73,000	73,000	S	S	S	S	S
Male	84,000	S	74,000	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Non-S&E occupations	78,000	57,000	77,000	74,000	82,000	100,000	95,000	100,000	77,000
Male	87,000	56,000	93,000	79,000	90,000	101,000	99,000	99,000	74,000
Female	69,000	56,000	60,000	72,000	69,000	100,000	78,000	101,000	89,000
Art/humanities/related occupations	59,000	49,000	65,000	42,000	47,000	25,000	S	39,000	66,000
Male	69,000	S	S	S	S	S	S	S	72,000
Female	46,000	S	60,000	19,000	S	25,000	S	S	S
Management-related occupations	91,000	79,000	119,000	80,000	73,000	101,000	75,000	93,000	45,000
Male	97,000	96,000	120,000	80,000	90,000	100,000	90,000	90,000	46,000
Female	77,000	59,000	80,000	78,000	65,000	108,000	68,000	S	S
Non-S&E managers	120,000	93,000	98,000	108,000	119,000	120,000	150,000	155,000	140,000
Male	124,000	90,000	100,000	119,000	119,000	120,000	150,000	154,000	147,000
Female	106,000	162,000	81,000	78,000	110,000	128,000	149,000	164,000	99,000

TABLE 28. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E postsecondary teachers	60,000	50,000	57,000	60,000	75,000	75,000	77,000	74,000	97,000
Male	61,000	47,000	59,000	60,000	84,000	78,000	69,000	74,000	103,000
Female	57,000	50,000	54,000	60,000	67,000	69,000	S	S	S
Non-S&E precollege/other teachers	56,000	S	S	S	S	S	S	S	S
Male	56,000	S	S	S	S	S	S	S	S
Female	40,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	79,000	55,000	77,000	98,000	54,000	119,000	69,000	106,000	57,000
Male	80,000	S	77,000	99,000	77,000	127,000	68,000	106,000	56,000
Female	58,000	S	S	S	S	S	S	S	S
Social services/related occupations	58,000	60,000	46,000	57,000	71,000	39,000	S	S	S
Male	59,000	50,000	S	S	S	S	S	S	S
Female	46,000	57,000	S	29,000	S	S	S	S	S
Other non-S&E occupations	45,000	11,000	60,000	48,000	44,000	36,000	51,000	73,000	22,000
Male	51,000	59,000	80,000	57,000	54,000	37,000	51,000	73,000	20,000
Female	41,000	S	36,000	47,000	32,000	21,000	S	S	S

S = 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/occ03maj.html for a detailed description of the occupational classification. Salaries are for principal job and rounded to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
All degrees and occupations[b]	60,000	42,000	57,000	65,000	70,000	72,000	70,000	70,000	60,000
American Indian/Alaska Native	50,000	42,000	60,000	50,000	68,000	45,000	S	S	S
Asian	65,000	48,000	70,000	77,000	79,000	78,000	64,000	68,000	53,000
Black	54,000	40,000	55,000	60,000	60,000	60,000	57,000	52,000	51,000
Hispanic	53,000	41,000	50,000	60,000	60,000	61,000	61,000	60,000	50,000
White	60,000	41,000	56,000	64,000	70,000	75,000	72,000	70,000	60,000
Other	52,000	41,000	52,000	57,000	68,000	60,000	56,000	60,000	57,000
S&E occupations	72,000	50,000	66,000	75,000	80,000	85,000	82,000	80,000	79,000
American Indian/Alaska Native	60,000	50,000	68,000	S	S	S	S	S	S
Asian	74,000	53,000	72,000	85,000	90,000	90,000	85,000	79,000	75,000
Black	67,000	52,000	65,000	69,000	72,000	72,000	75,000	72,000	83,000
Hispanic	63,000	48,000	60,000	75,000	65,000	72,000	85,000	79,000	50,000
White	73,000	48,000	65,000	75,000	80,000	87,000	81,000	80,000	80,000
Other	62,000	46,000	62,000	71,000	84,000	66,000	87,000	77,000	55,000
Scientists	70,000	45,000	63,000	75,000	78,000	82,000	77,000	76,000	75,000
American Indian/Alaska Native	60,000	50,000	68,000	S	S	S	S	S	S
Asian	72,000	50,000	70,000	85,000	89,000	87,000	80,000	77,000	73,000
Black	65,000	46,000	64,000	66,000	72,000	71,000	70,000	72,000	77,000
Hispanic	58,000	43,000	55,000	70,000	57,000	70,000	79,000	69,000	64,000
White	70,000	41,000	62,000	72,000	78,000	83,000	77,000	76,000	75,000
Other	59,000	43,000	59,000	65,000	80,000	59,000	66,000	59,000	S
Biological/agricultural/other life scientists	55,000	35,000	50,000	64,000	67,000	64,000	68,000	74,000	72,000
American Indian/Alaska Native	44,000	S	S	S	S	S	S	S	S
Asian	54,000	36,000	56,000	70,000	66,000	60,000	64,000	73,000	53,000
Black	56,000	35,000	38,000	66,000	80,000	52,000	S	S	S
Hispanic	55,000	37,000	50,000	64,000	63,000	70,000	S	S	S
White	55,000	35,000	49,000	62,000	67,000	68,000	68,000	74,000	75,000
Other	55,000	24,000	55,000	S	S	S	S	S	S
Agricultural/food scientists	55,000	34,000	57,000	52,000	72,000	57,000	66,000	73,000	60,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	63,000	S	S	S	S	S	S	S	S
Black	63,000	S	S	S	S	S	S	S	S
Hispanic	74,000	35,000	S	S	S	S	S	S	S
White	53,000	34,000	53,000	53,000	72,000	58,000	65,000	68,000	50,000
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	55,000	36,000	51,000	68,000	70,000	76,000	68,000	75,000	78,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	54,000	38,000	56,000	70,000	65,000	60,000	65,000	56,000	S
Black	56,000	38,000	35,000	S	S	S	S	S	S
Hispanic	55,000	36,000	50,000	74,000	55,000	S	S	S	S
White	56,000	35,000	50,000	65,000	72,000	82,000	68,000	75,000	79,000
Other	53,000	25,000	55,000	S	S	S	S	S	S
Environmental life scientists	59,000	36,000	49,000	46,000	52,000	60,000	67,000	73,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	58,000	37,000	49,000	46,000	S	60,000	67,000	73,000	S
Other	S	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Postsecondary teachers-life/related sciences	50,000	21,000	41,000	55,000	50,000	60,000	69,000	69,000	79,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	39,000	S	36,000	70,000	S	S	S	S	S
Black	30,000	S	45,000	S	S	S	S	S	S
Hispanic	55,000	34,000	55,000	60,000	S	S	S	S	S
White	50,000	24,000	40,000	54,000	49,000	64,000	67,000	72,000	78,000
Other	53,000	S	S	S	S	S	S	S	S
Computer/mathematical scientists	75,000	53,000	70,000	80,000	82,000	87,000	80,000	78,000	78,000
American Indian/Alaska Native	68,000	S	S	S	S	S	S	S	S
Asian	77,000	57,000	73,000	88,000	92,000	90,000	85,000	79,000	83,000
Black	67,000	54,000	67,000	66,000	72,000	72,000	73,000	75,000	S
Hispanic	65,000	49,000	62,000	79,000	57,000	73,000	73,000	S	S
White	76,000	50,000	70,000	78,000	80,000	89,000	80,000	78,000	77,000
Other	63,000	48,000	65,000	65,000	82,000	66,000	S	S	S
Computer/information scientists	76,000	55,000	70,000	80,000	83,000	88,000	81,000	78,000	80,000
American Indian/Alaska Native	68,000	S	S	S	S	S	S	S	S
Asian	78,000	59,000	73,000	88,000	93,000	90,000	85,000	80,000	84,000
Black	70,000	55,000	67,000	68,000	72,000	73,000	81,000	73,000	S
Hispanic	67,000	52,000	63,000	79,000	58,000	73,000	72,000	S	S
White	78,000	54,000	70,000	78,000	82,000	89,000	80,000	78,000	80,000
Other	64,000	48,000	69,000	65,000	82,000	71,000	S	S	S
Mathematical scientists	73,000	45,000	70,000	81,000	79,000	91,000	77,000	130,000	54,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	70,000	49,000	83,000	78,000	S	S	S	S	S
Black	71,000	51,000	S	S	S	S	S	S	S
Hispanic	49,000	42,000	S	S	S	S	S	S	S
White	75,000	43,000	69,000	81,000	74,000	101,000	77,000	139,000	53,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	44,000	30,000	41,000	47,000	43,000	48,000	51,000	58,000	51,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	55,000	18,000	55,000	61,000	63,000	S	S	S	S
Black	37,000	27,000	35,000	S	S	S	S	S	S
Hispanic	39,000	15,000	11,000	S	S	S	S	S	S
White	45,000	32,000	40,000	54,000	41,000	49,000	55,000	56,000	52,000
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	60,000	36,000	56,000	60,000	68,000	75,000	70,000	73,000	75,000
American Indian/Alaska Native	57,000	S	S	S	S	S	S	S	S
Asian	59,000	40,000	52,000	64,000	71,000	70,000	70,000	61,000	74,000
Black	54,000	35,000	64,000	S	S	101,000	S	S	S
Hispanic	50,000	35,000	49,000	60,000	57,000	64,000	S	S	S
White	60,000	35,000	57,000	60,000	70,000	79,000	70,000	74,000	79,000
Other	45,000	34,000	S	S	S	S	S	S	S
Chemists, except biochemists	62,000	39,000	57,000	68,000	72,000	83,000	79,000	68,000	74,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	61,000	44,000	58,000	77,000	65,000	67,000	S	S	71,000
Black	54,000	44,000	S	S	S	S	S	S	S
Hispanic	50,000	36,000	49,000	S	S	S	S	S	S
White	65,000	36,000	56,000	68,000	75,000	88,000	85,000	73,000	83,000
Other	46,000	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Earth/atmospheric/ocean scientists	60,000	40,000	58,000	54,000	69,000	82,000	73,000	72,000	70,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	63,000	42,000	70,000	S	S	S	S	S	S
Black	47,000	S	S	S	S	S	S	S	S
Hispanic	60,000	36,000	S	S	S	S	S	S	S
White	60,000	39,000	58,000	54,000	70,000	81,000	79,000	73,000	55,000
Other	50,000	S	S	S	S	S	S	S	S
Physicists/astronomers	67,000	26,000	61,000	85,000	85,000	99,000	112,000	125,000	104,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	45,000	30,000	S	S	S	S	S	S	S
Black	45,000	S	S	S	S	S	S	S	S
Hispanic	56,000	27,000	S	S	S	S	S	S	S
White	79,000	25,000	64,000	100,000	105,000	99,000	107,000	128,000	98,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	52,000	21,000	48,000	60,000	66,000	62,000	60,000	79,000	74,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	45,000	20,000	45,000	S	S	S	S	S	S
Black	29,000	S	S	S	S	S	S	S	S
Hispanic	47,000	29,000	S	S	S	S	S	S	S
White	54,000	20,000	49,000	60,000	66,000	62,000	57,000	78,000	73,000
Other	43,000	S	S	S	S	S	S	S	S
Other physical/related scientists	55,000	40,000	41,000	54,000	50,000	62,000	56,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	41,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	44,000	S	S	S	S	S	S	S	S
White	55,000	38,000	41,000	54,000	51,000	66,000	56,000	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	55,000	36,000	53,000	60,000	66,000	71,000	69,000	75,000	62,000
American Indian/Alaska Native	59,000	S	S	S	S	S	S	S	S
Asian	54,000	36,000	72,000	73,000	63,000	67,000	83,000	S	S
Black	60,000	44,000	58,000	61,000	67,000	66,000	63,000	S	S
Hispanic	45,000	35,000	39,000	56,000	50,000	58,000	71,000	S	S
White	55,000	35,000	52,000	60,000	70,000	73,000	68,000	74,000	65,000
Other	38,000	21,000	38,000	72,000	S	S	S	S	S
Economists	90,000	47,000	88,000	106,000	100,000	136,000	106,000	119,000	86,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	57,000	46,000	67,000	S	S	S	S	S	S
Black	61,000	S	S	S	S	S	S	S	S
Hispanic	45,000	S	S	S	S	S	S	S	S
White	101,000	50,000	90,000	106,000	101,000	154,000	114,000	119,000	85,000
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	49,000	35,000	48,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	50,000	30,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Postsecondary teachers-social/ related sciences	50,000	23,000	45,000	53,000	59,000	61,000	70,000	73,000	65,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	47,000	17,000	48,000	58,000	91,000	40,000	S	S	S
Black	53,000	44,000	54,000	43,000	64,000	75,000	S	S	S
Hispanic	50,000	12,000	45,000	51,000	43,000	S	S	S	S
White	50,000	24,000	43,000	54,000	58,000	70,000	70,000	74,000	65,000
Other	17,000	S	S	S	S	S	S	S	S
Psychologists	51,000	36,000	49,000	60,000	63,000	63,000	66,000	59,000	54,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	42,000	18,000	57,000	S	S	S	S	S	S
Black	64,000	45,000	S	S	S	S	S	S	S
Hispanic	45,000	34,000	45,000	55,000	49,000	S	S	S	S
White	51,000	35,000	49,000	60,000	67,000	62,000	65,000	55,000	53,000
Other	53,000	S	S	S	S	S	S	S	S
Sociologists/anthropologists	40,000	19,000	41,000	72,000	47,000	66,000	32,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	63,000	S	S	S	S	S	S	S	S
Hispanic	38,000	S	S	S	S	S	S	S	S
White	39,000	19,000	41,000	S	47,000	68,000	32,000	S	S
Other	S	S	S	S	S	S	S	S	S
Other social/related scientists	65,000	45,000	69,000	60,000	90,000	98,000	61,000	100,000	53,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	72,000	53,000	S	S	S	S	S	S	S
Black	62,000	39,000	S	S	S	S	S	S	S
Hispanic	54,000	49,000	S	S	S	S	S	S	S
White	65,000	43,000	69,000	60,000	90,000	110,000	52,000	96,000	63,000
Other	41,000	S	S	S	S	S	S	S	S
Engineers	79,000	57,000	72,000	80,000	86,000	90,000	90,000	88,000	85,000
American Indian/Alaska Native	68,000	49,000	S	S	S	S	S	S	S
Asian	75,000	57,000	77,000	86,000	90,000	92,000	89,000	84,000	77,000
Black	72,000	60,000	67,000	79,000	74,000	79,000	78,000	S	S
Hispanic	70,000	55,000	65,000	79,000	74,000	79,000	87,000	91,000	47,000
White	80,000	56,000	72,000	78,000	87,000	90,000	92,000	90,000	89,000
Other	74,000	54,000	71,000	76,000	92,000	89,000	S	S	S
Aerospace/aeronautical/astronautical engineers	90,000	62,000	80,000	90,000	101,000	99,000	102,000	100,000	102,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	87,000	60,000	S	S	S	S	S	S	S
Black	85,000	54,000	S	S	S	S	S	S	S
Hispanic	81,000	60,000	S	S	S	S	S	S	S
White	92,000	65,000	80,000	91,000	100,000	100,000	102,000	102,000	102,000
Other	78,000	S	S	S	S	S	S	S	S
Chemical engineers	85,000	60,000	76,000	80,000	90,000	100,000	95,000	107,000	95,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	80,000	53,000	76,000	84,000	97,000	S	S	S	S
Black	72,000	66,000	S	S	S	S	S	S	S
Hispanic	79,000	63,000	S	S	S	S	S	S	S
White	87,000	63,000	77,000	80,000	90,000	101,000	96,000	110,000	98,000
Other	S	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Civil/architectural/sanitary engineers	70,000	50,000	65,000	71,000	79,000	83,000	82,000	88,000	82,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	71,000	54,000	69,000	72,000	87,000	90,000	67,000	73,000	75,000
Black	62,000	54,000	S	S	S	S	S	S	S
Hispanic	64,000	52,000	63,000	67,000	S	S	S	S	S
White	72,000	50,000	64,000	71,000	79,000	84,000	84,000	90,000	85,000
Other	72,000	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	85,000	61,000	81,000	89,000	90,000	99,000	96,000	89,000	86,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	86,000	64,000	90,000	95,000	92,000	99,000	98,000	79,000	S
Black	75,000	58,000	72,000	84,000	S	S	S	S	S
Hispanic	80,000	54,000	79,000	83,000	S	S	S	S	S
White	87,000	60,000	79,000	86,000	89,000	99,000	95,000	91,000	86,000
Other	75,000	59,000	S	S	S	S	S	S	S
Industrial engineers	69,000	56,000	60,000	74,000	79,000	74,000	81,000	68,000	67,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	69,000	47,000	S	S	S	S	S	S	S
Black	64,000	48,000	S	S	S	S	S	S	S
Hispanic	63,000	58,000	S	S	S	S	S	S	S
White	70,000	60,000	60,000	73,000	80,000	74,000	80,000	65,000	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	78,000	59,000	70,000	75,000	89,000	86,000	90,000	84,000	95,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	75,000	61,000	74,000	74,000	88,000	85,000	81,000	77,000	S
Black	76,000	74,000	S	S	S	S	S	S	S
Hispanic	72,000	58,000	56,000	S	S	S	S	S	S
White	79,000	58,000	71,000	73,000	89,000	87,000	92,000	85,000	95,000
Other	67,000	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	67,000	24,000	70,000	63,000	76,000	84,000	91,000	80,000	62,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	67,000	20,000	77,000	77,000	S	90,000	S	S	S
Black	64,000	S	S	S	S	S	S	S	S
Hispanic	66,000	S	S	S	S	S	S	S	S
White	68,000	34,000	69,000	58,000	82,000	80,000	94,000	85,000	62,000
Other	S	S	S	S	S	S	S	S	S
Other engineers	76,000	53,000	72,000	75,000	79,000	90,000	93,000	87,000	84,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	68,000	49,000	67,000	87,000	72,000	89,000	78,000	S	S
Black	75,000	62,000	76,000	S	S	S	S	S	S
Hispanic	64,000	54,000	63,000	84,000	S	S	S	S	S
White	79,000	55,000	72,000	75,000	80,000	90,000	93,000	87,000	84,000
Other	73,000	43,000	S	S	S	S	S	S	S
S&E-related occupations	60,000	45,000	55,000	60,000	65,000	70,000	70,000	69,000	69,000
American Indian/Alaska Native	49,000	46,000	S	49,000	S	S	S	S	S
Asian	66,000	48,000	69,000	70,000	77,000	70,000	69,000	70,000	70,000
Black	57,000	43,000	60,000	60,000	64,000	58,000	60,000	50,000	52,000
Hispanic	55,000	46,000	49,000	59,000	56,000	62,000	64,000	59,000	69,000
White	60,000	45,000	54,000	58,000	63,000	70,000	73,000	69,000	69,000
Other	55,000	41,000	55,000	58,000	45,000	69,000	62,000	S	S
Health-related occupations	60,000	46,000	56,000	60,000	62,000	67,000	72,000	69,000	70,000

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	50,000	47,000	S	S	S	S	S	S	S
Asian	67,000	49,000	73,000	70,000	70,000	74,000	69,000	61,000	75,000
Black	58,000	42,000	61,000	62,000	63,000	59,000	63,000	42,000	37,000
Hispanic	59,000	44,000	50,000	60,000	64,000	62,000	75,000	64,000	79,000
White	60,000	47,000	55,000	57,000	61,000	69,000	74,000	70,000	72,000
Other	54,000	41,000	55,000	67,000	S	60,000	S	S	S
S&E managers	101,000	84,000	90,000	100,000	110,000	107,000	103,000	109,000	103,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	100,000	77,000	95,000	113,000	100,000	130,000	99,000	137,000	S
Black	80,000	S	88,000	S	S	S	S	S	S
Hispanic	89,000	94,000	85,000	92,000	93,000	S	S	S	S
White	103,000	83,000	91,000	100,000	110,000	107,000	104,000	109,000	106,000
Other	100,000	S	S	S	S	S	S	S	S
S&E precollege teachers	47,000	40,000	45,000	48,000	48,000	52,000	50,000	51,000	49,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	44,000	38,000	S	S	S	S	S	S	S
Black	47,000	45,000	45,000	40,000	S	S	S	S	S
Hispanic	40,000	40,000	38,000	S	S	S	S	S	S
White	48,000	40,000	45,000	49,000	48,000	52,000	50,000	52,000	49,000
Other	37,000	37,000	S	S	S	S	S	S	S
S&E technicians/technologists	55,000	36,000	50,000	59,000	61,000	66,000	65,000	69,000	55,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	53,000	33,000	50,000	68,000	87,000	48,000	55,000	S	S
Black	52,000	31,000	S	S	S	S	S	S	S
Hispanic	48,000	43,000	S	S	S	S	S	S	S
White	57,000	36,000	46,000	60,000	60,000	66,000	70,000	69,000	58,000
Other	55,000	S	S	S	S	S	S	S	S
Other S&E-related occupations	69,000	57,000	51,000	64,000	74,000	76,000	68,000	79,000	79,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	65,000	S	S	S	S	S	S	S	S
Black	84,000	S	S	S	S	S	S	S	S
Hispanic	54,000	S	S	S	S	S	S	S	S
White	72,000	56,000	52,000	63,000	74,000	75,000	74,000	82,000	79,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	50,000	36,000	50,000	56,000	60,000	62,000	60,000	60,000	48,000
American Indian/Alaska Native	46,000	38,000	51,000	S	S	S	S	S	S
Asian	48,000	40,000	68,000	58,000	55,000	50,000	49,000	50,000	39,000
Black	48,000	35,000	46,000	52,000	50,000	58,000	51,000	51,000	46,000
Hispanic	48,000	38,000	46,000	52,000	60,000	54,000	52,000	58,000	42,000
White	53,000	36,000	50,000	58,000	60,000	65,000	63,000	62,000	49,000
Other	45,000	35,000	46,000	45,000	90,000	40,000	41,000	40,000	51,000
Art/humanities/related occupations	45,000	33,000	50,000	48,000	51,000	59,000	54,000	48,000	29,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	44,000	S	S	S	S	S	S	S	S
Black	36,000	S	S	S	S	S	S	S	S
Hispanic	59,000	42,000	S	S	S	S	S	S	S
White	45,000	33,000	52,000	47,000	48,000	56,000	49,000	49,000	29,000
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	65,000	50,000	65,000	73,000	71,000	71,000	70,000	74,000	52,000
American Indian/Alaska Native	41,000	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Asian	61,000	53,000	80,000	70,000	75,000	66,000	52,000	75,000	S
Black	65,000	44,000	70,000	70,000	60,000	72,000	54,000	66,000	S
Hispanic	60,000	53,000	50,000	59,000	71,000	60,000	93,000	S	S
White	68,000	50,000	64,000	73,000	71,000	73,000	75,000	77,000	52,000
Other	49,000	49,000	S	S	S	S	S	S	S
Non-S&E managers	101,000	70,000	92,000	90,000	102,000	110,000	114,000	121,000	113,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	119,000	74,000	123,000	125,000	100,000	118,000	109,000	174,000	136,000
Black	81,000	58,000	75,000	85,000	84,000	87,000	90,000	74,000	S
Hispanic	98,000	62,000	81,000	96,000	110,000	146,000	80,000	102,000	S
White	104,000	74,000	93,000	90,000	102,000	110,000	115,000	124,000	114,000
Other	110,000	S	S	S	140,000	S	S	S	S
Non-S&E postsecondary teachers	43,000	35,000	44,000	49,000	47,000	41,000	37,000	50,000	46,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	56,000	14,000	55,000	91,000	S	S	S	S	S
Black	39,000	15,000	35,000	S	S	S	S	S	S
Hispanic	40,000	46,000	38,000	S	S	S	S	S	S
White	43,000	37,000	45,000	49,000	45,000	40,000	29,000	50,000	44,000
Other	16,000	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	38,000	37,000	39,000	38,000	36,000	33,000	40,000	44,000	29,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	29,000	40,000	S	S	S	S	S	S	S
Black	38,000	34,000	39,000	38,000	S	S	S	S	S
Hispanic	35,000	36,000	37,000	S	S	S	S	S	S
White	39,000	37,000	40,000	39,000	36,000	33,000	41,000	45,000	25,000
Other	35,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	59,000	38,000	60,000	66,000	62,000	72,000	64,000	69,000	45,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	52,000	39,000	69,000	38,000	61,000	58,000	40,000	58,000	39,000
Black	54,000	39,000	56,000	S	S	S	S	S	S
Hispanic	46,000	40,000	49,000	40,000	60,000	S	S	S	S
White	59,000	37,000	60,000	70,000	61,000	75,000	68,000	70,000	46,000
Other	48,000	31,000	S	S	S	S	S	S	S
Social services/related occupations	38,000	32,000	39,000	42,000	41,000	41,000	46,000	40,000	27,000
American Indian/Alaska Native	38,000	S	S	S	S	S	S	S	S
Asian	34,000	31,000	S	S	S	S	S	S	S
Black	40,000	34,000	41,000	41,000	43,000	40,000	42,000	S	S
Hispanic	40,000	35,000	35,000	45,000	44,000	S	S	S	S
White	38,000	30,000	38,000	40,000	40,000	40,000	48,000	39,000	27,000
Other	44,000	34,000	S	S	S	S	S	S	S
Other non-S&E occupations	41,000	31,000	43,000	46,000	50,000	46,000	50,000	43,000	35,000
American Indian/Alaska Native	29,000	31,000	S	S	S	S	S	S	S
Asian	36,000	32,000	47,000	37,000	36,000	40,000	39,000	35,000	30,000
Black	42,000	30,000	39,000	45,000	48,000	49,000	42,000	50,000	S
Hispanic	38,000	31,000	38,000	44,000	38,000	35,000	49,000	S	S
White	42,000	30,000	44,000	48,000	55,000	47,000	52,000	44,000	36,000
Other	40,000	37,000	43,000	37,000	S	S	S	S	S
Bachelor's degrees, all occupations	53,000	35,000	50,000	58,000	62,000	66,000	61,000	60,000	52,000
American Indian/Alaska Native	50,000	31,000	56,000	50,000	S	S	S	S	S
Asian	55,000	40,000	55,000	70,000	64,000	63,000	60,000	50,000	48,000

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	49,000	34,000	49,000	51,000	56,000	55,000	56,000	50,000	48,000
Hispanic	48,000	35,000	45,000	55,000	53,000	57,000	52,000	59,000	45,000
White	55,000	35,000	50,000	58,000	64,000	70,000	63,000	62,000	54,000
Other	48,000	34,000	48,000	52,000	64,000	63,000	56,000	44,000	52,000
S&E occupations	70,000	44,000	62,000	72,000	79,000	84,000	80,000	78,000	79,000
American Indian/Alaska Native	60,000	47,000	S	S	S	S	S	S	S
Asian	70,000	47,000	61,000	80,000	84,000	86,000	79,000	70,000	73,000
Black	65,000	43,000	65,000	66,000	70,000	70,000	74,000	72,000	S
Hispanic	60,000	44,000	55,000	76,000	65,000	72,000	81,000	82,000	50,000
White	70,000	43,000	62,000	70,000	80,000	85,000	80,000	80,000	80,000
Other	62,000	43,000	62,000	71,000	78,000	77,000	84,000	S	S
Scientists	66,000	39,000	58,000	70,000	76,000	80,000	75,000	74,000	74,000
American Indian/Alaska Native	59,000	S	S	S	S	S	S	S	S
Asian	69,000	44,000	56,000	81,000	84,000	85,000	80,000	56,000	73,000
Black	63,000	39,000	64,000	65,000	70,000	71,000	67,000	72,000	S
Hispanic	55,000	38,000	50,000	72,000	55,000	70,000	64,000	S	S
White	68,000	36,000	58,000	69,000	76,000	81,000	75,000	75,000	75,000
Other	55,000	33,000	60,000	65,000	62,000	S	S	S	S
Biological/agricultural/other life scientists	45,000	25,000	41,000	53,000	51,000	54,000	55,000	73,000	53,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	35,000	23,000	S	S	S	S	S	S	S
Black	56,000	28,000	S	S	S	S	S	S	S
Hispanic	54,000	25,000	S	S	S	S	S	S	S
White	46,000	25,000	41,000	51,000	50,000	60,000	53,000	73,000	54,000
Other	53,000	S	S	S	S	S	S	S	S
Agricultural/food scientists	50,000	31,000	S	S	S	S	66,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	50,000	30,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	43,000	25,000	42,000	57,000	54,000	60,000	49,000	59,000	55,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	36,000	S	S	S	S	S	S	S	S
Black	46,000	S	S	S	S	S	S	S	S
Hispanic	52,000	25,000	S	S	S	S	S	S	S
White	45,000	24,000	43,000	51,000	55,000	75,000	41,000	67,000	56,000
Other	S	S	S	S	S	S	S	S	S
Environmental life scientists	53,000	31,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	52,000	32,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	20,000	14,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	19,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	72,000	46,000	65,000	75,000	80,000	85,000	80,000	75,000	79,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	72,000	48,000	64,000	82,000	88,000	89,000	85,000	S	S
Black	64,000	43,000	66,000	64,000	70,000	72,000	73,000	S	S
Hispanic	61,000	45,000	59,000	79,000	55,000	72,000	S	S	S
White	75,000	46,000	65,000	73,000	80,000	86,000	79,000	75,000	79,000
Other	60,000	43,000	62,000	65,000	S	S	S	S	S
Computer/information scientists	73,000	48,000	65,000	75,000	80,000	85,000	80,000	75,000	80,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	72,000	48,000	64,000	82,000	89,000	90,000	85,000	S	S
Black	65,000	45,000	66,000	65,000	70,000	72,000	80,000	S	S
Hispanic	64,000	46,000	60,000	79,000	55,000	72,000	S	S	S
White	75,000	48,000	66,000	74,000	80,000	86,000	79,000	75,000	80,000
Other	60,000	43,000	62,000	65,000	S	S	S	S	S
Mathematical scientists	55,000	40,000	52,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	55,000	40,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	21,000	12,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	17,000	12,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	51,000	29,000	50,000	54,000	60,000	65,000	56,000	59,000	74,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	45,000	39,000	S	S	S	S	S	S	S
Black	52,000	32,000	S	S	S	S	S	S	S
Hispanic	50,000	27,000	49,000	S	S	S	S	S	S
White	54,000	28,000	51,000	54,000	59,000	64,000	56,000	65,000	80,000
Other	38,000	S	S	S	S	S	S	S	S
Chemists, except biochemists	55,000	31,000	50,000	58,000	63,000	69,000	67,000	48,000	71,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	50,000	S	S	S	S	S	S	S	S
Black	53,000	S	S	S	S	S	S	S	S
Hispanic	49,000	34,000	S	S	S	S	S	S	S
White	56,000	31,000	53,000	59,000	72,000	79,000	67,000	50,000	72,000
Other	S	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	55,000	34,000	57,000	51,000	59,000	67,000	69,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	S	S	S	S	S	S	S	S	S
Hispanic	53,000	S	S	S	S	S	S	S	S
White	55,000	35,000	57,000	50,000	58,000	64,000	71,000	S	S
Other	S	S	S	S	S	S	S	S	S
Physicists/astronomers	23,000	20,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	28,000	20,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	21,000	18,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	22,000	18,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other physical/related scientists	49,000	37,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	50,000	35,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	45,000	25,000	45,000	54,000	58,000	68,000	52,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	56,000	S	S	S	S	S	S	S	S
Black	62,000	S	S	S	S	S	S	S	S
Hispanic	30,000	17,000	S	S	S	S	S	S	S
White	45,000	26,000	46,000	52,000	51,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Economists	52,000	44,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	67,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	44,000	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	42,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	13,000	13,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	13,000	14,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Psychologists	29,000	26,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	29,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists	19,000	13,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other social/related scientists	59,000	36,000	58,000	59,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	58,000	37,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Engineers	75,000	51,000	65,000	75,000	81,000	87,000	90,000	85,000	83,000
American Indian/Alaska Native	68,000	S	S	S	S	S	S	S	S
Asian	70,000	51,000	65,000	75,000	80,000	87,000	75,000	75,000	73,000
Black	69,000	53,000	66,000	74,000	71,000	65,000	75,000	S	S
Hispanic	66,000	50,000	61,000	79,000	71,000	78,000	85,000	S	47,000
White	75,000	51,000	65,000	72,000	83,000	88,000	90,000	87,000	84,000
Other	72,000	52,000	S	76,000	S	S	S	S	S
Aerospace/aeronautical/astronautical engineers	85,000	56,000	68,000	81,000	100,000	98,000	98,000	87,000	104,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	65,000	60,000	S	S	S	S	S	S	S
Black	83,000	S	S	S	S	S	S	S	S
Hispanic	72,000	53,000	S	S	S	S	S	S	S
White	89,000	55,000	68,000	82,000	100,000	98,000	98,000	99,000	104,000
Other	78,000	S	S	S	S	S	S	S	S
Chemical engineers	79,000	54,000	71,000	74,000	88,000	98,000	94,000	104,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	68,000	46,000	S	S	S	S	S	S	S
Black	71,000	S	S	S	S	S	S	S	S
Hispanic	71,000	54,000	S	S	S	S	S	S	S
White	83,000	56,000	71,000	75,000	88,000	100,000	97,000	106,000	S
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	68,000	49,000	61,000	70,000	75,000	79,000	75,000	89,000	81,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	70,000	50,000	S	S	S	S	S	S	72,000

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	60,000	51,000	S	S	S	S	S	S	S
Hispanic	64,000	47,000	62,000	S	S	S	S	S	S
White	70,000	48,000	60,000	70,000	75,000	80,000	81,000	90,000	83,000
Other	78,000	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	80,000	55,000	71,000	80,000	85,000	95,000	95,000	87,000	79,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	73,000	53,000	70,000	85,000	84,000	97,000	95,000	S	S
Black	75,000	56,000	S	S	S	S	S	S	S
Hispanic	75,000	54,000	75,000	75,000	S	S	S	S	S
White	81,000	55,000	71,000	80,000	85,000	95,000	94,000	88,000	80,000
Other	65,000	S	S	S	S	S	S	S	S
Industrial engineers	65,000	50,000	60,000	73,000	67,000	71,000	81,000	69,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	68,000	38,000	S	S	S	S	S	S	S
Black	63,000	49,000	S	S	S	S	S	S	S
Hispanic	62,000	48,000	S	S	S	S	S	S	S
White	66,000	53,000	60,000	72,000	74,000	73,000	80,000	S	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	75,000	52,000	66,000	72,000	84,000	85,000	89,000	83,000	90,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	75,000	53,000	S	S	S	S	S	S	S
Black	69,000	S	S	S	S	S	S	S	S
Hispanic	66,000	54,000	55,000	S	S	S	S	S	S
White	75,000	52,000	68,000	71,000	86,000	87,000	90,000	84,000	94,000
Other	61,000	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	45,000	12,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	50,000	12,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other engineers	72,000	48,000	65,000	72,000	75,000	85,000	89,000	80,000	84,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	60,000	50,000	S	S	S	S	S	S	S
Black	73,000	56,000	S	S	S	S	S	S	S
Hispanic	61,000	45,000	S	S	S	S	S	S	S
White	75,000	48,000	62,000	70,000	77,000	85,000	90,000	80,000	83,000
Other	71,000	S	S	S	S	S	S	S	S
S&E-related occupations	50,000	40,000	48,000	50,000	52,000	56,000	59,000	59,000	55,000
American Indian/Alaska Native	47,000	42,000	S	S	S	S	S	S	S
Asian	55,000	38,000	50,000	65,000	58,000	55,000	61,000	55,000	60,000
Black	50,000	40,000	54,000	52,000	52,000	50,000	57,000	49,000	40,000
Hispanic	48,000	36,000	45,000	49,000	50,000	50,000	56,000	44,000	51,000
White	50,000	40,000	45,000	49,000	52,000	56,000	59,000	60,000	55,000
Other	48,000	36,000	45,000	S	43,000	S	S	S	S
Health-related occupations	50,000	42,000	49,000	49,000	49,000	50,000	58,000	53,000	50,000
American Indian/Alaska Native	48,000	S	S	S	S	S	S	S	S
Asian	54,000	38,000	52,000	62,000	54,000	55,000	62,000	49,000	56,000
Black	50,000	40,000	58,000	55,000	47,000	49,000	61,000	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	49,000	35,000	42,000	47,000	54,000	49,000	67,000	S	S
White	49,000	43,000	47,000	46,000	49,000	50,000	56,000	56,000	50,000
Other	46,000	38,000	S	S	S	S	S	S	S
S&E managers	100,000	60,000	78,000	100,000	104,000	105,000	100,000	99,000	99,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	96,000	S	S	S	S	S	S	S	S
Black	67,000	S	S	S	S	S	S	S	S
Hispanic	82,000	S	S	S	S	S	S	S	S
White	100,000	61,000	79,000	101,000	108,000	104,000	100,000	99,000	100,000
Other	S	S	S	S	S	S	S	S	S
S&E precollege teachers	42,000	34,000	38,000	39,000	45,000	50,000	45,000	50,000	49,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	42,000	S	S	S	S	S	S	S	S
Black	37,000	36,000	S	S	S	S	S	S	S
Hispanic	36,000	37,000	37,000	S	S	S	S	S	S
White	43,000	32,000	38,000	40,000	45,000	50,000	45,000	51,000	49,000
Other	35,000	S	S	S	S	S	S	S	S
S&E technicians/technologists	55,000	33,000	47,000	58,000	60,000	64,000	65,000	68,000	55,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	50,000	30,000	S	S	S	S	S	S	S
Black	50,000	30,000	S	S	S	S	S	S	S
Hispanic	47,000	32,000	S	S	S	S	S	S	S
White	56,000	33,000	45,000	59,000	60,000	66,000	71,000	68,000	57,000
Other	55,000	S	S	S	S	S	S	S	S
Other S&E-related occupations	68,000	57,000	52,000	59,000	72,000	72,000	60,000	80,000	76,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	64,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	59,000	S	S	S	S	S	S	S	S
White	69,000	56,000	52,000	58,000	72,000	71,000	66,000	82,000	77,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	45,000	30,000	41,000	50,000	52,000	56,000	52,000	51,000	45,000
American Indian/Alaska Native	44,000	28,000	S	S	S	S	S	S	S
Asian	40,000	34,000	47,000	47,000	39,000	48,000	46,000	39,000	34,000
Black	41,000	30,000	35,000	44,000	47,000	50,000	43,000	48,000	45,000
Hispanic	40,000	31,000	38,000	46,000	42,000	50,000	45,000	58,000	44,000
White	46,000	29,000	42,000	50,000	54,000	61,000	56,000	52,000	46,000
Other	40,000	30,000	43,000	39,000	109,000	37,000	S	S	S
Art/humanities/related occupations	48,000	25,000	54,000	48,000	52,000	67,000	47,000	49,000	30,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	43,000	S	S	S	S	S	S	S	S
Hispanic	59,000	24,000	S	S	S	S	S	S	S
White	48,000	23,000	53,000	48,000	50,000	60,000	44,000	49,000	31,000
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	60,000	41,000	50,000	65,000	68,000	68,000	65,000	72,000	57,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	50,000	46,000	48,000	55,000	51,000	70,000	S	S	S
Black	58,000	39,000	70,000	55,000	S	S	S	S	S
Hispanic	57,000	42,000	48,000	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	60,000	40,000	50,000	68,000	70,000	69,000	70,000	75,000	57,000
Other	41,000	31,000	S	S	S	S	S	S	S
Non-S&E managers	100,000	55,000	85,000	80,000	99,000	104,000	105,000	119,000	111,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	119,000	S	S	S	S	S	S	S	S
Black	73,000	S	S	S	S	S	S	S	S
Hispanic	98,000	57,000	S	S	S	S	S	S	S
White	100,000	52,000	84,000	79,000	99,000	107,000	110,000	119,000	112,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E postsecondary teachers	15,000	9,000	14,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	28,000	S	S	S	S	S	S	S	S
White	15,000	9,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	29,000	27,000	33,000	27,000	23,000	27,000	27,000	42,000	26,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	23,000	S	S	S	S	S	S	S	S
Black	28,000	31,000	S	S	S	S	S	S	S
Hispanic	30,000	30,000	S	S	S	S	S	S	S
White	28,000	25,000	32,000	29,000	23,000	27,000	20,000	44,000	23,000
Other	21,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	53,000	33,000	51,000	64,000	63,000	72,000	59,000	63,000	47,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	49,000	35,000	61,000	S	S	45,000	S	44,000	S
Black	41,000	30,000	S	S	S	S	S	S	S
Hispanic	45,000	34,000	48,000	S	S	S	S	S	S
White	55,000	33,000	50,000	66,000	62,000	78,000	62,000	65,000	48,000
Other	45,000	31,000	S	S	S	S	S	S	S
Social services/related occupations	32,000	27,000	31,000	34,000	34,000	38,000	38,000	36,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	30,000	S	S	S	S	S	S	S	S
Black	33,000	30,000	31,000	S	S	S	S	S	S
Hispanic	34,000	27,000	S	S	S	S	S	S	S
White	30,000	26,000	31,000	30,000	33,000	36,000	38,000	38,000	S
Other	S	S	S	S	S	S	S	S	S
Other non-S&E occupations	35,000	27,000	35,000	38,000	40,000	40,000	40,000	40,000	32,000
American Indian/Alaska Native	25,000	S	S	S	S	S	S	S	S
Asian	34,000	29,000	36,000	33,000	34,000	37,000	39,000	31,000	30,000
Black	35,000	26,000	33,000	32,000	47,000	48,000	32,000	43,000	S
Hispanic	32,000	30,000	32,000	34,000	30,000	34,000	38,000	S	S
White	35,000	26,000	35,000	39,000	42,000	42,000	41,000	40,000	32,000
Other	40,000	30,000	S	S	S	S	S	S	S
Master's degrees, all occupations	64,000	50,000	63,000	70,000	72,000	71,000	70,000	70,000	56,000
American Indian/Alaska Native	49,000	46,000	48,000	S	S	S	S	S	S
Asian	74,000	58,000	80,000	80,000	90,000	90,000	74,000	79,000	49,000
Black	60,000	50,000	59,000	73,000	60,000	60,000	59,000	62,000	S
Hispanic	59,000	54,000	54,000	64,000	65,000	60,000	64,000	58,000	S
White	63,000	49,000	60,000	68,000	71,000	72,000	71,000	70,000	60,000

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	60,000	49,000	74,000	60,000	80,000	51,000	48,000	S	S
S&E occupations	76,000	60,000	75,000	85,000	87,000	90,000	82,000	80,000	77,000
American Indian/Alaska Native	49,000	S	S	S	S	S	S	S	S
Asian	78,000	60,000	79,000	90,000	95,000	90,000	94,000	89,000	79,000
Black	72,000	62,000	66,000	79,000	72,000	83,000	80,000	S	S
Hispanic	70,000	58,000	73,000	74,000	63,000	72,000	S	S	S
White	78,000	56,000	74,000	85,000	85,000	91,000	80,000	80,000	78,000
Other	68,000	60,000	74,000	74,000	S	S	S	S	S
Scientists	72,000	51,000	70,000	82,000	80,000	85,000	76,000	73,000	63,000
American Indian/Alaska Native	50,000	S	S	S	S	S	S	S	S
Asian	75,000	59,000	79,000	90,000	95,000	89,000	79,000	85,000	S
Black	70,000	56,000	65,000	74,000	72,000	S	S	S	S
Hispanic	60,000	50,000	60,000	69,000	55,000	S	S	S	S
White	71,000	46,000	65,000	81,000	78,000	85,000	74,000	71,000	63,000
Other	61,000	60,000	56,000	S	S	S	S	S	S
Biological/agricultural/other life scientists	55,000	43,000	54,000	58,000	70,000	59,000	62,000	70,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	53,000	38,000	S	65,000	S	S	S	S	S
Black	50,000	45,000	S	S	S	S	S	S	S
Hispanic	55,000	50,000	S	S	S	S	S	S	S
White	55,000	43,000	54,000	56,000	69,000	59,000	61,000	68,000	S
Other	S	S	S	S	S	S	S	S	S
Agricultural/food scientists	57,000	41,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	56,000	43,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	56,000	44,000	55,000	69,000	70,000	62,000	67,000	86,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	54,000	38,000	S	65,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	54,000	50,000	S	S	S	S	S	S	S
White	57,000	44,000	55,000	69,000	70,000	62,000	66,000	S	S
Other	S	S	S	S	S	S	S	S	S
Environmental life scientists	60,000	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	60,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	38,000	33,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	39,000	27,000	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	81,000	66,000	81,000	90,000	88,000	92,000	87,000	82,000	62,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	80,000	64,000	79,000	90,000	95,000	90,000	84,000	89,000	S
Black	72,000	69,000	78,000	79,000	72,000	S	S	S	S
Hispanic	75,000	67,000	68,000	79,000	S	S	S	S	S
White	84,000	70,000	86,000	90,000	85,000	95,000	89,000	81,000	69,000
Other	75,000	S	S	S	S	S	S	S	S
Computer/information scientists	85,000	70,000	83,000	90,000	90,000	95,000	95,000	87,000	81,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	80,000	65,000	80,000	91,000	97,000	91,000	84,000	91,000	S
Black	78,000	70,000	78,000	84,000	72,000	S	S	S	S
Hispanic	78,000	68,000	75,000	79,000	S	S	S	S	S
White	90,000	73,000	89,000	90,000	88,000	96,000	96,000	85,000	85,000
Other	78,000	S	S	S	S	S	S	S	S
Mathematical scientists	78,000	47,000	83,000	83,000	84,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	59,000	47,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	80,000	S	S	S	S	S	S	S	S
White	80,000	38,000	87,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	39,000	22,000	41,000	40,000	31,000	42,000	50,000	47,000	12,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	25,000	S	S	S	S	S	S	S	S
Black	37,000	S	S	S	S	S	S	S	S
Hispanic	37,000	S	S	S	S	S	S	S	S
White	40,000	33,000	40,000	40,000	S	S	S	S	13,000
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	64,000	40,000	56,000	67,000	66,000	91,000	91,000	73,000	62,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	50,000	33,000	S	S	S	S	S	S	S
Black	49,000	45,000	S	S	S	S	S	S	S
Hispanic	52,000	51,000	S	S	S	S	S	S	S
White	65,000	43,000	58,000	66,000	68,000	93,000	91,000	74,000	58,000
Other	63,000	S	S	S	S	S	S	S	S
Chemists, except biochemists	70,000	50,000	58,000	73,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	60,000	55,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	53,000	S	S	S	S	S	S	S	S
White	73,000	49,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	69,000	44,000	60,000	S	73,000	101,000	68,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	75,000	S	S	S	S	S	S	S	S
White	70,000	44,000	60,000	S	S	101,000	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	S	S	S	S	S	S	S	S	S
Physicists/astronomers	45,000	21,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	20,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	54,000	23,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	41,000	18,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	44,000	18,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other physical/related scientists	62,000	45,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	64,000	46,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	50,000	34,000	49,000	61,000	50,000	70,000	58,000	58,000	60,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	45,000	19,000	S	S	S	S	S	S	S
Black	56,000	41,000	S	S	S	S	S	S	S
Hispanic	50,000	36,000	S	S	S	S	S	S	S
White	52,000	33,000	49,000	61,000	61,000	71,000	54,000	58,000	60,000
Other	41,000	S	S	S	S	S	S	S	S
Economists	97,000	45,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	103,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	69,000	45,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	74,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	28,000	15,000	27,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	14,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	44,000	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	27,000	15,000	27,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Psychologists	49,000	34,000	44,000	54,000	50,000	58,000	54,000	48,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	58,000	S	S	S	S	S	S	S	S
Hispanic	49,000	47,000	S	S	S	S	S	S	S
White	49,000	32,000	43,000	52,000	60,000	54,000	54,000	48,000	S
Other	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists	47,000	26,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	47,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other social/related scientists	70,000	45,000	70,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	73,000	44,000	68,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Engineers	85,000	67,000	82,000	90,000	95,000	100,000	96,000	92,000	97,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	80,000	61,000	83,000	90,000	98,000	100,000	108,000	91,000	92,000
Black	82,000	65,000	74,000	85,000	S	S	S	S	S
Hispanic	80,000	65,000	86,000	79,000	S	S	S	S	S
White	88,000	70,000	82,000	89,000	95,000	100,000	94,000	92,000	99,000
Other	78,000	68,000	S	S	S	S	S	S	S
Aerospace/aeronautical/astronautical engineers	94,000	74,000	82,000	98,000	105,000	97,000	116,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	96,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	101,000	S	S	S	S	S	S	S	S
White	92,000	75,000	81,000	100,000	101,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Chemical engineers	89,000	77,000	89,000	S	87,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	90,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	89,000	79,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	78,000	56,000	74,000	79,000	89,000	96,000	86,000	79,000	86,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	73,000	55,000	S	S	S	S	S	S	S
Black	71,000	S	S	S	S	S	S	S	S
Hispanic	72,000	62,000	S	S	S	S	S	S	S
White	80,000	56,000	74,000	83,000	88,000	97,000	85,000	79,000	101,000

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	S	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	93,000	73,000	90,000	98,000	105,000	103,000	95,000	106,000	108,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	91,000	73,000	91,000	99,000	101,000	108,000	S	S	S
Black	80,000	58,000	S	S	S	S	S	S	S
Hispanic	89,000	54,000	S	S	S	S	S	S	S
White	95,000	75,000	90,000	98,000	103,000	101,000	95,000	109,000	108,000
Other	S	S	S	S	S	S	S	S	S
Industrial engineers	78,000	68,000	74,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	63,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	69,000	S	S	S	S	S	S	S	S
White	79,000	69,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	82,000	70,000	80,000	80,000	92,000	86,000	101,000	87,000	100,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	72,000	62,000	78,000	78,000	S	S	S	S	S
Black	92,000	77,000	S	S	S	S	S	S	S
Hispanic	80,000	64,000	S	S	S	S	S	S	S
White	86,000	75,000	80,000	81,000	92,000	85,000	100,000	86,000	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	54,000	20,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	56,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other engineers	85,000	63,000	80,000	90,000	94,000	120,000	96,000	89,000	73,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	70,000	46,000	70,000	S	S	S	S	S	S
Black	83,000	S	S	S	S	S	S	S	S
Hispanic	70,000	70,000	S	S	S	S	S	S	S
White	89,000	65,000	82,000	96,000	94,000	120,000	95,000	95,000	58,000
Other	S	S	S	S	S	S	S	S	S
S&E-related occupations	59,000	50,000	57,000	60,000	62,000	63,000	64,000	59,000	59,000
American Indian/Alaska Native	50,000	S	S	S	S	S	S	S	S
Asian	65,000	60,000	69,000	68,000	80,000	65,000	58,000	S	S
Black	58,000	50,000	58,000	77,000	61,000	S	57,000	S	S
Hispanic	54,000	55,000	49,000	64,000	57,000	S	S	S	S
White	58,000	50,000	57,000	59,000	60,000	65,000	65,000	60,000	62,000
Other	51,000	50,000	S	S	S	S	S	S	S
Health-related occupations	57,000	55,000	60,000	57,000	56,000	60,000	60,000	53,000	50,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	60,000	61,000	83,000	S	S	56,000	S	S	S
Black	58,000	50,000	53,000	77,000	S	S	S	S	S
Hispanic	50,000	50,000	S	S	S	S	S	S	S
White	57,000	55,000	59,000	57,000	55,000	60,000	60,000	52,000	50,000
Other	50,000	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
S&E managers	103,000	90,000	100,000	100,000	118,000	105,000	104,000	120,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	100,000	S	S	S	S	S	S	S	S
Black	89,000	S	S	S	S	S	S	S	S
Hispanic	98,000	S	S	S	S	S	S	S	S
White	104,000	85,000	100,000	94,000	120,000	105,000	105,000	121,000	S
Other	S	S	S	S	S	S	S	S	S
S&E precollege teachers	50,000	44,000	48,000	50,000	55,000	55,000	55,000	55,000	53,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	49,000	S	S	S	S	S	S	S	S
Black	55,000	48,000	56,000	S	S	S	S	S	S
Hispanic	46,000	46,000	S	S	S	S	S	S	S
White	50,000	43,000	48,000	50,000	55,000	54,000	58,000	55,000	47,000
Other	42,000	S	S	S	S	S	S	S	S
S&E technicians/technologists	60,000	48,000	65,000	73,000	62,000	72,000	54,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	60,000	40,000	S	S	S	S	S	S	S
Black	58,000	S	S	S	S	S	S	S	S
Hispanic	57,000	S	S	S	S	S	S	S	S
White	62,000	49,000	62,000	74,000	56,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other S&E-related occupations	73,000	57,000	49,000	66,000	80,000	85,000	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	65,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	75,000	S	52,000	66,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	60,000	47,000	58,000	62,000	65,000	63,000	70,000	70,000	49,000
American Indian/Alaska Native	43,000	43,000	S	S	S	S	S	S	S
Asian	63,000	49,000	80,000	65,000	77,000	83,000	55,000	74,000	43,000
Black	55,000	44,000	55,000	64,000	51,000	60,000	56,000	60,000	S
Hispanic	56,000	51,000	50,000	57,000	66,000	59,000	63,000	66,000	S
White	60,000	46,000	58,000	60,000	65,000	64,000	70,000	69,000	50,000
Other	52,000	41,000	62,000	S	S	S	S	S	S
Art/humanities/related occupations	40,000	37,000	45,000	45,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	41,000	35,000	S	30,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	77,000	61,000	86,000	85,000	80,000	79,000	84,000	78,000	49,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	76,000	58,000	84,000	77,000	S	S	S	S	S
Black	78,000	54,000	70,000	S	S	S	S	S	S
Hispanic	62,000	89,000	53,000	S	S	S	S	S	S
White	78,000	64,000	90,000	90,000	79,000	79,000	85,000	77,000	49,000
Other	52,000	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E managers	102,000	75,000	92,000	102,000	110,000	124,000	115,000	106,000	116,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	107,000	S	S	107,000	118,000	S	S	S	S
Black	79,000	58,000	S	S	S	S	S	S	S
Hispanic	88,000	62,000	S	S	S	S	S	S	S
White	105,000	80,000	93,000	108,000	111,000	120,000	116,000	107,000	115,000
Other	120,000	S	S	S	S	S	S	S	S
Non-S&E postsecondary teachers	40,000	35,000	40,000	35,000	42,000	40,000	S	6,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	24,000	S	S	S	S	S	S	S	S
Black	27,000	S	S	S	S	S	S	S	S
Hispanic	38,000	S	S	S	S	S	S	S	S
White	40,000	35,000	41,000	S	44,000	33,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	48,000	42,000	48,000	45,000	55,000	56,000	59,000	52,000	42,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	42,000	S	S	S	S	S	S	S	S
Black	43,000	35,000	S	S	S	S	S	S	S
Hispanic	44,000	38,000	S	S	S	S	S	S	S
White	48,000	43,000	49,000	45,000	56,000	56,000	60,000	52,000	41,000
Other	S	S	S	S	S	S	S	S	S
Sales/marketing occupations	73,000	73,000	87,000	70,000	59,000	70,000	81,000	86,000	37,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	67,000	66,000	88,000	S	S	S	S	S	S
Black	72,000	S	S	S	S	S	S	S	S
Hispanic	59,000	79,000	S	S	S	S	S	S	S
White	74,000	74,000	88,000	77,000	58,000	59,000	83,000	85,000	38,000
Other	S	S	S	S	S	S	S	S	S
Social services/related occupations	42,000	37,000	41,000	47,000	44,000	46,000	50,000	51,000	40,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	40,000	S	S	S	S	S	S	S	S
Black	46,000	37,000	53,000	47,000	S	S	S	S	S
Hispanic	48,000	42,000	49,000	S	S	S	S	S	S
White	42,000	35,000	40,000	47,000	42,000	45,000	50,000	50,000	39,000
Other	52,000	S	S	S	S	S	S	S	S
Other non-S&E occupations	44,000	40,000	58,000	49,000	50,000	41,000	41,000	38,000	30,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	40,000	35,000	S	S	S	S	S	S	S
Black	51,000	53,000	51,000	S	S	S	S	S	S
Hispanic	48,000	47,000	S	S	S	S	S	S	S
White	43,000	41,000	60,000	50,000	54,000	40,000	33,000	35,000	28,000
Other	33,000	S	S	S	S	S	S	S	S
Doctorate degrees, all occupations	79,000	52,000	71,000	80,000	85,000	93,000	95,000	99,000	92,000
American Indian/Alaska Native	60,000	S	54,000	S	S	S	S	S	S
Asian	83,000	52,000	80,000	88,000	95,000	99,000	100,000	100,000	93,000
Black	65,000	55,000	62,000	64,000	71,000	83,000	79,000	76,000	74,000
Hispanic	65,000	48,000	68,000	71,000	74,000	72,000	56,000	81,000	86,000
White	80,000	52,000	70,000	79,000	84,000	93,000	96,000	100,000	92,000
Other	67,000	52,000	52,000	68,000	90,000	99,000	72,000	93,000	S
S&E occupations	78,000	50,000	70,000	80,000	84,000	90,000	93,000	94,000	90,000

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	60,000	S	51,000	S	S	S	S	S	S
Asian	80,000	50,000	79,000	85,000	94,000	96,000	95,000	95,000	93,000
Black	65,000	54,000	65,000	74,000	71,000	86,000	78,000	71,000	S
Hispanic	68,000	49,000	60,000	72,000	73,000	98,000	90,000	91,000	S
White	78,000	50,000	68,000	79,000	84,000	90,000	93,000	95,000	90,000
Other	62,000	52,000	52,000	65,000	77,000	90,000	S	S	S
Scientists	73,000	47,000	65,000	75,000	80,000	89,000	90,000	91,000	90,000
American Indian/Alaska Native	60,000	S	S	S	S	S	S	S	S
Asian	76,000	46,000	74,000	82,000	85,000	96,000	89,000	89,000	80,000
Black	64,000	51,000	59,000	72,000	70,000	86,000	71,000	69,000	S
Hispanic	65,000	48,000	58,000	71,000	71,000	88,000	98,000	92,000	S
White	75,000	47,000	64,000	74,000	80,000	88,000	90,000	92,000	90,000
Other	60,000	51,000	52,000	64,000	69,000	84,000	S	S	S
Biological/agricultural/other life scientists	70,000	42,000	60,000	72,000	81,000	93,000	95,000	89,000	94,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	65,000	39,000	61,000	72,000	80,000	96,000	117,000	76,000	S
Black	66,000	40,000	53,000	95,000	S	S	S	S	S
Hispanic	61,000	43,000	56,000	72,000	69,000	S	S	S	S
White	72,000	42,000	60,000	72,000	82,000	93,000	94,000	90,000	93,000
Other	59,000	44,000	51,000	S	S	S	S	S	S
Agricultural/food scientists	75,000	51,000	68,000	75,000	76,000	100,000	83,000	74,000	80,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	61,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	68,000	S	S	S	S	S	S	S	S
White	79,000	52,000	70,000	73,000	85,000	100,000	85,000	74,000	76,000
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	72,000	42,000	62,000	80,000	93,000	98,000	113,000	100,000	100,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	65,000	39,000	62,000	71,000	97,000	96,000	129,000	S	S
Black	76,000	40,000	52,000	S	S	S	S	S	S
Hispanic	60,000	43,000	59,000	78,000	72,000	S	S	S	S
White	78,000	42,000	64,000	80,000	93,000	100,000	111,000	105,000	100,000
Other	63,000	42,000	S	S	S	S	S	S	S
Environmental life scientists	72,000	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	73,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	65,000	45,000	53,000	60,000	66,000	75,000	73,000	81,000	92,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	71,000	S	S	73,000	S	S	S	S	S
Black	58,000	S	51,000	S	S	S	S	S	S
Hispanic	61,000	S	55,000	61,000	S	S	S	S	S
White	65,000	45,000	53,000	60,000	68,000	74,000	72,000	80,000	92,000
Other	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	85,000	68,000	83,000	90,000	89,000	90,000	94,000	91,000	86,000

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	90,000	80,000	90,000	95,000	94,000	95,000	S	89,000	S
Black	78,000	72,000	77,000	60,000	S	S	S	S	S
Hispanic	80,000	53,000	77,000	93,000	S	S	S	S	S
White	81,000	59,000	76,000	85,000	89,000	85,000	93,000	96,000	89,000
Other	72,000	S	S	S	S	S	S	S	S
Computer/information scientists	98,000	80,000	96,000	100,000	100,000	99,000	99,000	97,000	78,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	98,000	90,000	95,000	99,000	102,000	109,000	S	S	S
Black	97,000	S	S	S	S	S	S	S	S
Hispanic	114,000	S	92,000	S	S	S	S	S	S
White	97,000	79,000	98,000	98,000	99,000	98,000	95,000	95,000	78,000
Other	S	S	S	S	S	S	S	S	S
Mathematical scientists	91,000	69,000	99,000	104,000	86,000	90,000	104,000	99,000	103,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	89,000	74,000	90,000	97,000	S	S	S	S	S
Black	77,000	S	S	S	S	S	S	S	S
Hispanic	79,000	S	S	S	S	S	S	S	S
White	97,000	63,000	99,000	108,000	86,000	105,000	S	99,000	107,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	68,000	50,000	63,000	65,000	72,000	75,000	80,000	77,000	85,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	75,000	74,000	75,000	70,000	79,000	S	S	S	S
Black	64,000	70,000	S	S	S	S	S	S	S
Hispanic	65,000	S	S	S	S	S	S	S	S
White	66,000	44,000	59,000	65,000	70,000	74,000	83,000	80,000	87,000
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	80,000	50,000	70,000	85,000	84,000	95,000	94,000	100,000	92,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	75,000	45,000	80,000	89,000	78,000	96,000	84,000	93,000	93,000
Black	62,000	45,000	50,000	S	S	S	S	S	S
Hispanic	70,000	47,000	61,000	75,000	66,000	S	S	S	S
White	82,000	53,000	69,000	85,000	85,000	94,000	99,000	100,000	92,000
Other	61,000	S	S	S	S	S	S	S	S
Chemists, except biochemists	93,000	60,000	89,000	100,000	100,000	104,000	106,000	97,000	98,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	83,000	36,000	86,000	93,000	91,000	S	S	S	S
Black	95,000	S	S	S	S	S	S	S	S
Hispanic	84,000	S	S	S	S	S	S	S	S
White	96,000	71,000	90,000	105,000	101,000	106,000	108,000	105,000	99,000
Other	S	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	84,000	54,000	70,000	84,000	86,000	106,000	104,000	110,000	104,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	67,000	46,000	77,000	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	78,000	S	S	S	S	S	S	S	S
White	85,000	61,000	71,000	84,000	86,000	106,000	118,000	106,000	104,000
Other	S	S	S	S	S	S	S	S	S
Physicists/astronomers	95,000	49,000	84,000	104,000	102,000	108,000	120,000	124,000	109,000

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	71,000	44,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	73,000	S	S	S	S	S	S	S	S
White	99,000	50,000	84,000	107,000	110,000	110,000	119,000	122,000	107,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	65,000	48,000	56,000	63,000	68,000	73,000	80,000	89,000	80,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	59,000	S	52,000	S	S	S	S	S	S
Black	54,000	S	S	S	S	S	S	S	S
Hispanic	56,000	S	S	S	S	S	S	S	S
White	65,000	46,000	57,000	63,000	68,000	73,000	79,000	89,000	80,000
Other	58,000	S	S	S	S	S	S	S	S
Other physical/related scientists	85,000	66,000	80,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	80,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	85,000	69,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	67,000	48,000	60,000	68,000	74,000	80,000	82,000	88,000	79,000
American Indian/Alaska Native	51,000	S	S	S	S	S	S	S	S
Asian	72,000	56,000	65,000	72,000	106,000	81,000	83,000	S	S
Black	61,000	55,000	62,000	59,000	65,000	71,000	63,000	S	S
Hispanic	60,000	50,000	53,000	69,000	70,000	89,000	S	S	S
White	68,000	47,000	60,000	66,000	72,000	80,000	83,000	88,000	80,000
Other	57,000	52,000	28,000	S	S	S	S	S	S
Economists	109,000	81,000	104,000	100,000	110,000	113,000	145,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	98,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	90,000	S	S	S	S	S	S	S	S
White	117,000	80,000	120,000	99,000	110,000	109,000	144,000	S	S
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	70,000	54,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	72,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	62,000	48,000	54,000	60,000	69,000	76,000	75,000	88,000	88,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	69,000	54,000	63,000	69,000	111,000	S	S	S	S
Black	60,000	53,000	57,000	50,000	64,000	75,000	S	S	S
Hispanic	55,000	50,000	52,000	62,000	69,000	S	S	S	S
White	63,000	47,000	54,000	59,000	66,000	76,000	75,000	88,000	88,000
Other	51,000	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Psychologists	68,000	44,000	64,000	70,000	74,000	80,000	88,000	79,000	55,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	69,000	53,000	S	S	S	S	S	S	S
Black	62,000	50,000	S	S	S	S	S	S	S
Hispanic	59,000	48,000	56,000	S	S	S	S	S	S
White	69,000	44,000	64,000	70,000	75,000	80,000	88,000	79,000	62,000
Other	64,000	S	S	S	S	S	S	S	S
Sociologists/anthropologists	66,000	54,000	61,000	75,000	66,000	68,000	92,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	69,000	51,000	62,000	S	69,000	68,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other social/related scientists	72,000	58,000	80,000	71,000	84,000	88,000	75,000	74,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	72,000	S	S	S	S	S	S	S	S
Black	70,000	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	75,000	58,000	80,000	73,000	84,000	87,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Engineers	94,000	70,000	90,000	99,000	100,000	102,000	110,000	103,000	99,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	90,000	65,000	93,000	94,000	100,000	98,000	107,000	100,000	106,000
Black	80,000	66,000	75,000	S	S	S	S	S	S
Hispanic	85,000	66,000	90,000	97,000	S	S	S	S	S
White	96,000	75,000	89,000	100,000	101,000	105,000	112,000	107,000	98,000
Other	100,000	S	S	S	S	S	S	S	S
Aerospace/aeronautical/astronautical engineers	101,000	75,000	101,000	105,000	105,000	S	108,000	135,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	96,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	109,000	S	101,000	112,000	112,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Chemical engineers	99,000	75,000	90,000	99,000	113,000	105,000	S	116,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	96,000	68,000	S	84,000	110,000	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	101,000	S	92,000	110,000	118,000	104,000	S	110,000	S
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	82,000	61,000	80,000	89,000	98,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	77,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	82,000	S	81,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	105,000	87,000	106,000	110,000	116,000	127,000	126,000	115,000	118,000

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	100,000	84,000	105,000	100,000	101,000	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	93,000	S	S	S	S	S	S	S	S
White	116,000	94,000	107,000	120,000	124,000	129,000	134,000	108,000	120,000
Other	S	S	S	S	S	S	S	S	S
Industrial engineers	66,000	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	21,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	93,000	79,000	89,000	94,000	95,000	117,000	107,000	102,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	89,000	70,000	85,000	92,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	99,000	86,000	90,000	98,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	83,000	65,000	76,000	78,000	90,000	91,000	108,000	96,000	92,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	79,000	S	77,000	77,000	S	90,000	S	S	S
Black	74,000	S	S	S	S	S	S	S	S
Hispanic	75,000	S	S	S	S	S	S	S	S
White	85,000	67,000	76,000	79,000	90,000	94,000	109,000	99,000	93,000
Other	S	S	S	S	S	S	S	S	S
Other engineers	91,000	57,000	89,000	98,000	100,000	103,000	105,000	103,000	106,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	81,000	43,000	83,000	91,000	S	S	S	S	S
Black	76,000	S	S	S	S	S	S	S	S
Hispanic	104,000	S	S	S	S	S	S	S	S
White	95,000	69,000	90,000	99,000	100,000	104,000	111,000	106,000	111,000
Other	S	S	S	S	S	S	S	S	S
S&E-related occupations	88,000	59,000	71,000	94,000	94,000	100,000	99,000	122,000	118,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	98,000	52,000	81,000	101,000	113,000	100,000	139,000	117,000	S
Black	69,000	57,000	68,000	60,000	79,000	72,000	S	S	S
Hispanic	79,000	60,000	102,000	79,000	92,000	S	S	S	S
White	89,000	59,000	69,000	90,000	89,000	105,000	104,000	123,000	119,000
Other	100,000	S	S	S	S	S	S	S	S
Health-related occupations	78,000	59,000	65,000	72,000	89,000	100,000	92,000	115,000	112,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	80,000	50,000	56,000	94,000	S	S	S	S	S
Black	68,000	55,000	65,000	59,000	S	S	S	S	S
Hispanic	63,000	60,000	103,000	S	S	S	S	S	S
White	80,000	59,000	63,000	70,000	89,000	100,000	99,000	120,000	110,000
Other	77,000	S	S	S	S	S	S	S	S
S&E managers	129,000	85,000	101,000	124,000	119,000	134,000	141,000	149,000	130,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Asian	122,000	S	111,000	116,000	120,000	S	S	S	S
Black	100,000	S	S	S	S	S	S	S	S
Hispanic	102,000	S	S	S	S	S	S	S	S
White	130,000	84,000	100,000	125,000	119,000	134,000	145,000	149,000	135,000
Other	129,000	S	S	S	S	S	S	S	S
S&E precollege teachers	55,000	S	51,000	S	59,000	39,000	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	54,000	S	51,000	S	60,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
S&E technicians/technologists	75,000	S	73,000	73,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	66,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	84,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	78,000	57,000	77,000	74,000	82,000	100,000	95,000	100,000	77,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	97,000	84,000	99,000	92,000	91,000	119,000	98,000	119,000	58,000
Black	62,000	51,000	59,000	60,000	61,000	71,000	62,000	76,000	S
Hispanic	60,000	30,000	67,000	65,000	73,000	30,000	S	S	S
White	78,000	57,000	77,000	74,000	81,000	100,000	104,000	101,000	81,000
Other	66,000	S	S	S	S	S	S	S	S
Art/humanities/related occupations	59,000	49,000	65,000	42,000	47,000	25,000	S	39,000	66,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	60,000	S	66,000	41,000	S	24,000	S	S	67,000
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	91,000	79,000	119,000	80,000	73,000	101,000	75,000	93,000	45,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	99,000	97,000	112,000	94,000	102,000	S	S	S	S
Black	60,000	S	S	S	S	S	S	S	S
Hispanic	73,000	S	S	S	S	S	S	S	S
White	93,000	77,000	116,000	79,000	64,000	101,000	89,000	97,000	41,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E managers	120,000	93,000	98,000	108,000	119,000	120,000	150,000	155,000	140,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	120,000	S	139,000	149,000	100,000	119,000	110,000	S	S

TABLE 29. Median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, race/ethnicity, and years since highest degree: 2006
(Dollars)

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	92,000	S	S	146,000	85,000	S	134,000	S	S
Hispanic	90,000	S	S	S	S	S	S	S	S
White	123,000	94,000	98,000	97,000	120,000	132,000	155,000	155,000	140,000
Other	133,000	S	S	S	S	S	S	S	S
Non-S&E postsecondary teachers	60,000	50,000	57,000	60,000	75,000	75,000	77,000	74,000	97,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	89,000	83,000	S	S	S	S	S	S	S
Black	60,000	S	S	S	S	S	S	S	S
Hispanic	66,000	49,000	S	S	S	S	S	S	S
White	58,000	48,000	56,000	60,000	71,000	75,000	69,000	74,000	101,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	56,000	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	61,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Sales/marketing occupations	79,000	55,000	77,000	98,000	54,000	119,000	69,000	106,000	57,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	79,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	80,000	S	77,000	92,000	104,000	79,000	54,000	122,000	57,000
Other	S	S	S	S	S	S	S	S	S
Social services/related occupations	58,000	60,000	46,000	57,000	71,000	39,000	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	51,000	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	57,000	57,000	S	57,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other non-S&E occupations	45,000	11,000	60,000	48,000	44,000	36,000	51,000	73,000	22,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	46,000	S	S	S	S	S	S	S	S
Black	52,000	S	S	S	S	S	S	S	S
Hispanic	5,000	S	S	S	S	S	S	S	S
White	45,000	64,000	43,000	46,000	41,000	39,000	80,000	73,000	21,000
Other	S	S	S	S	S	S	S	S	S

S = 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 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/occ03maj.html for a detailed description of the occupational classification. Salaries are for principal job and rounded to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

Technical Appendix

During the production of this report, the America COMPETES Reauthorization Act of 2010 was signed into law. Section 505 of the bill renames the Division of Science Resources Statistics as the National Center for Science and Engineering Statistics (NCSES). The Center retains its reporting line to the Directorate for Social, Behavioral and Economic Sciences within the National Science Foundation. The new name signals the central role of NCSES in the collection, interpretation, analysis, and dissemination of objective data on the science and engineering enterprise.

The 2006 Scientists and Engineers Statistical Data System (SESTAT) is an integrated system of information about employment, education, and demographic characteristics of scientists and engineers in the United States. SESTAT was developed by the National Science Foundation (NSF) in 1993 to provide a comprehensive workforce database for policy analysis and general research.

Overview

SESTAT comprises three NSF-sponsored demographic surveys of scientists and engineers: the National Survey of College Graduates (NSCG), the National Survey of Recent College Graduates (NSRCG), and the Survey of Doctorate Recipients (SDR). The three component surveys have been conducted every 2 to 3 years for three decades and began using similar questionnaires, survey reference dates, data collection periods, and data-processing procedures in 1993 to facilitate integration for the SESTAT. The three surveys were designed to provide maximum coverage of the target population, namely scientists and engineers, with special emphasis given to relatively rare populations (e.g., doctorate recipients, recent graduates, and minorities). Overall, SESTAT provides a comprehensive picture of the number and characteristics of individuals in the United States with bachelor's level or higher degrees and their employment, with a focus on those having science and engineering (S&E) degrees or working in S&E occupations.

Target Population Coverage

The 2006 SESTAT target population includes individuals who had the following characteristics as of the component surveys' reference week of 1 April 2006:

- Were living in the United States (the 50 states, District of Columbia, and Puerto Rico)
- Were not institutionalized
- Were 75 years of age or younger
- Had a bachelor's or higher degree in an S&E field or an S&E-related field before 1 April 2000; had a bachelor's or higher degree in any field before 1 April 2000 and held an S&E or S&E-related occupation on 1 October 2003; or earned a U.S bachelor's or higher degree in a science, engineering, or health (SEH) field from 1 April 2000 to 30 June 2005.

Individuals who received their first bachelor's degree in a non-SEH field between 1 April 2000 and 1 April 2006 but who worked in a S&E or S&E-related occupation on the survey reference week are not covered in the target population nor are immigrants with non–U.S. earned bachelor's or higher degrees who arrived in the United States after 1 April 2000.

Because the 2006 SESTAT was created from three component surveys, cases identified in one component survey might also be eligible for another survey. For example, a U.S. resident who received a bachelor's degree before 1 April 2000, completed a master's degree in an SEH field in July 2003, and then earned an SEH doctoral degree in June 2005 had a probability of selection for each of the three component surveys in 2006. Consequently, SESTAT uses a unique linkage rule when integrating the component sample surveys in which each survey sample member is weighted according to the frame developed for that survey. Next, a series of overlap variables are calculated and assessed to identify cases that are eligible for more

than one survey. To remove these multiple selection opportunities, each case within the SESTAT target population is uniquely linked to one and only one component survey; that individual is included in the SESTAT integrated file only when he or she is selected for that linked survey.

Component Surveys

The 2006 National Survey of College Graduates

The NSCG has been conducted by the U.S. Bureau of the Census on behalf of the NSF since 1993 and is the largest of the three component surveys, representing approximately 90% of the SESTAT target population. The NSCG is used to study the occupations and career paths of U.S. residents with a bachelor's degree or higher (particularly in an SEH field). The NSCG is designed as a decade-long panel study of college graduates based on a sample of respondents from each decennial census long-form sample. It is conducted every 2 to 3 years throughout the decade.

The 2003 NSCG was the first cycle (i.e., a baseline) of data collection for the decade-long panel study that used the 2000 decennial census long form as the sample frame. It was designed to follow a nationally representative panel of bachelor's or higher S&E degree holders, including foreign-educated degree holders who were in the United States on 1 April 2000. Subsequent cycles of the NSCG panel study are follow-ups to the 2003 baseline NSCG and include supplemental samples of new U.S. bachelor's, master's, and doctoral graduates with SEH degrees drawn from the National Survey of Recent College Graduates and the Survey of Doctorate Recipients, two other SESTAT component surveys described below.

The 2006 NSCG was a follow-up of the 2003 NSCG cohort members with S&E or S&E-related degrees or non-S&E degrees but working in an S&E occupation. The 2006 NSCG also restricted follow-up to those who were younger than 76 years of age and resided in the United States during the reference week of 1 April 2006. In addition to the 2003 NSCG cohort members who met criteria for follow-up, the 2006 NSCG also covered individuals who received a new SEH bachelor's or master's degree between 1 April 2000 and 30 June 2002, based on a supplemental sample from the 2003 NSRCG. Stratified probability sampling was used in selecting individuals based on sex, race/ethnicity, disability status, U.S. citizenship, highest degree (bachelor's, master's, doctorate), and occupation. The total sample size for the 2006 NSCG was 68,069 and the weighted response rate was 84.9%.

The 2006 NSCG questionnaire is available at http://www.nsf.gov/statistics/srvygrads/surveys/srvygrads_2006.pdf. Additional information on the NSCG is available at http://www.nsf.gov/statistics/srvygrads/.

The 2006 National Survey of Recent College Graduates

The NSRCG has been conducted every 2 to 3 years by a survey contractor for the NSF since 1974. The NSRCG is a cross-sectional survey that provides data on continuing education enrollment (e.g., doctoral training), and/or the early employment experiences of recent U.S. SEH graduates, including whether they were able to find employment (particularly in their field of study) and the attributes of that employment. As noted above, the NSRCG also provides a sampling frame from which to replenish the NSCG decade-long panel study.

The 2006 NSRCG target population consisted of individuals who received bachelor's or master's SEH degrees from a U.S. college or university within the preceding three academic years (defined as July 2002 through June 2003, July 2003 through June 2004, and July 2004 through June 2005) prior to the survey reference date of 1 April 2006. The 2006 NSRCG used a two-stage sample design. In the first stage, a stratified nationally representative sample of 300 colleges and universities was selected from a universe of approximately 1,800 U.S. academic institutions, with probability proportional to size. Each sampled institution was asked to provide lists of graduates for sampling. In the second stage, the graduates with bachelor's or master's degrees in SEH fields were identified and included in the 2006 NSRCG

sampling frame. Stratified-probability sampling was used in selecting individuals based on sex, race/ethnicity, highest degree (bachelor's or master's), and major field of study. The total sample size for the 2006 NSRCG was 27,000 (9,000 from each academic year): 19,550 bachelor's and 7,450 master's degree recipients. Of the 300 sampled institutions in the first stage, 295 provided lists of graduates for sampling respondents for the 2006 NSRCG, representing a weighted response rate of 97.2%. Data collection in the second stage resulted in a weighted response rate of 69.0%.

The 2006 NSRCG questionnaire is available at http://www.nsf.gov/statistics/srvyrecentgrads /surveys/srvyrecentgrads_2006.pdf. Additional information on the NSRCG is available at http://www.nsf.gov/statistics/recentgrads/.

The 2006 Survey of Doctorate Recipients

SDR has been conducted every 2 to 3 years by a survey contractor for the NSF since 1973. The SDR is a panel study based on a nationally representative cohort of SEH doctorate recipients from U.S. institutions. The purpose of the SDR is to study the career paths of this highly trained cohort of scientists and engineers. Recipients of professional degrees, such as those awarded in medicine, law, or education, are not included in the SDR. The 2006 SDR covered the portion of the SESTAT target population that received doctoral degrees in an SEH field from U.S. academic institutions. Baseline data on education and demographic characteristics among SDR sampled members come from the Survey of Earned Doctorates (SED), an annual census of research doctorates earned in the United States that began with the 1957–58 academic year (http://www.nsf.gov/statistics/srvydoctorates/). The annual SED provides a sampling frame for updating the SDR panel over time with a supplemental sample of new U.S. SEH doctorate recipients added into each survey cycle.

The 2006 SDR target population consisted of individuals who earned an SEH research doctoral degree from a U.S. college or university, were less than 76 years of age, and were residing in the United States as of the reference date of 1 April 2006. Stratified probability sampling was used in selecting individuals based on sex, race/ethnicity, disability status, U.S. citizenship, and major field of degree. The 2006 SDR sample consisted of 42,955 cases selected systematically across strata, including 38,027 from the existing cohort cases carried over from the 2003 SDR and 4,928 new cohort cases who earned a Ph.D. in the United States between 1 July 2002 and 30 June 2005. The overall weighted response rate was 78.3%.

The 2006 SDR questionnaire is available at http://www.nsf.gov/statistics/srvydoctoratework /survey2003/sdr_2003.pdf. Additional information on the SDR is available at http://www.nsf.gov/statistics/srvydoctoratework/.

Data Processing

Because the three SESTAT component surveys typically are conducted by different survey data collection contractors, NSF uses standardized guidelines for quality assurance in data editing and data processing. In addition, several questionnaire items are deemed critical data elements, such as employment status and type of occupation if employed, and must be completed by the respondent to be considered an acceptable unit response.

Acceptable unit responses undergo general pre-editing and computer-assisted data entry in accordance with standardized guidelines. Multiple coding procedures (occupation, education, other-specify, geographic coding, and educational institution coding) are involved in processing a unit response.

A completed interview must include full reporting on a minimum set of critical data items, such as U.S. residency and occupation. If necessary, telephone follow-ups are used to obtain answers to critical data items as well as other noncritical but important items, such as degree information and employer location. Except for items with verbatim responses, missing data for noncritical items are imputed.

Sample selection probabilities for the SESTAT component surveys vary substantially and reflect the differential rates of stratified sampling in each survey for creating sufficient sample sizes to reliably estimate domains of interest in each survey's target population. For the SESTAT data, sampling weights are developed for respondents in each component survey and for the combined and integrated SESTAT.

Reliability of Estimates

Sampling Errors

Because SESTAT comprises three sample surveys, estimates are subject to sampling errors.

Standard Error Tables

To measure the precision of the SESTAT estimates, standard errors were calculated for each estimate. Thus, each statistical data table in this report has a corresponding standard error table in this appendix. For example, table A-1 is the standard error table that corresponds to the estimates presented in table 1. The standard errors can be used to construct confidence intervals for the estimates. To construct a 95% confidence interval about an estimate, multiply the standard error of an estimate by a z-score of 1.96. Add the result to the estimate to establish the upper bound of the confidence interval, and subtract it from the estimate to establish the lower bound of the confidence interval.

Nonsampling Errors

Quality assurance procedures are included throughout the various stages of data collection and data processing to reduce possibilities for nonsampling error. Sources of nonsampling error include (1) nonresponse error, which arises when the characteristics of respondents differ systematically from nonrespondents; (2) measurement error, which arises when the variables of interest cannot be precisely measured; (3) coverage error, which arises when some members of the target population are excluded from the frame and thus do not have a chance to be selected for the sample; (4) respondent error, which occurs when respondents provide incorrect data; and (5) processing error, which can arise at the point of data editing, coding, or data entry. The analyst should be aware of potential nonsampling errors, but these errors are more difficult to detect and quantify than sampling errors.

Definitions and Explanations

Education data. These data were derived from responses to several questions on type of degree and field of study earned by the respondent. The education categories of respondents in each of the three SESTAT component surveys were based on respondents' field of study for the highest degree held in each survey's reference week. The following is a link to the list of major groups of SESTAT education categories for 2003 or later: http://sestat.nsf.gov /docs/ed03maj.html.

Geographic regions. The 9 geographic regions listed in tables 15 and 24 include the 50 states, the District of Columbia, and Puerto Rico. Details on the states included in each division can be found at http://sestat.nsf.gov/docs/location.html.

Occupation data. The occupational classification of the respondent was based on the codified job category for the respondent's principal job held during the reference week, or it was based on the codified job category for last job held, if the respondent was previously employed but not employed in the reference week. The codified job category was derived through a post–data collection coding process in which responses to several employment-related questions were evaluated. The questions used to determine the job category for each respondent included the job title, job description, respondent-selected job category, and primary work activities. The following is a link to the list of major groups of SESTAT occupation categories for 2003 or later: http://sestat.nsf.gov/docs/occ03maj.html.

Race/ethnicity. All graduates, both U.S. citizens and non-U.S. citizens, are included in the race/ethnicity data presented in this report. American Indian/Alaska Native, Asian, black,

Native Hawaiian/Other Pacific Islander, white, and persons reporting more than one race refer to non-Hispanic individuals only.

Salary. Median annual salaries are reported for the principal job and are rounded to the nearest $1,000. For individuals employed by educational institutions, no accommodation was made to convert academic-year salaries to calendar-year salaries.

Employment sector. Sector of employment is a derived variable based on responses to multiple survey questions. In the detailed tables, the category *4-year educational institution* includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutions. *Other educational institution* includes 2-year colleges, community colleges, or technical institutes and other educational institutions.

Disability. The SESTAT component surveys ask the degree of difficulty—none, slight, moderate, severe, unable to do—an individual has in seeing (with glasses/contact lenses), hearing (with hearing aid), walking without assistance, or lifting 10 pounds. Those respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability.

Table	**Technical Tables**
	Standard errors for labor force status
A-1	by degree background
A-2	by level of highest degree
	Standard errors for occupations
	by level and field of highest degree
A-3	by relationship to highest degree
A-4	by occupational category
A-5	by level of highest degree
A-6	respondents with disabilities, by occupational category
	Standard errors for selected characteristics
A-7	all U.S. scientists and engineers, by level and field of highest degree
	by employment status
A-8	by sex
A-9	by race/ethnicity
A-10	by age
A-11	by sex and race/ethnicity
	Standard errors for employment
	by level and field of highest degree
A-12	by sex and employment sector
A-13	by employment sector and primary/secondary work activity
A-14	by sex and race/ethnicity
A-15	by geographic division of employment
	by level of highest degree and occupation
A-16	by employment sector
A-17	by citizenship status and employment sector
A-18	by age and primary/secondary work activity

A-19 by sex and years since highest degree
A-20 by race/ethnicity and years since highest degree

Standard errors for median annual salaries

by level and field of highest degree
A-21 by sex and employment sector
A-22 by employment sector and primary/secondary work activity
A-23 by sex and race/ethnicity
A-24 by geographic division of employment

by level of highest degree and occupation
A-25 by employment sector
A-26 by citizenship status and employment sector
A-27 by age and primary/secondary work activity
A-28 by sex and years since highest degree
A-29 by race/ethnicity and years since highest degree

TABLE A-1. Standard errors for U.S. scientists and engineers, by degree background and labor force status: 2006

Degree background	All scientists and engineers	In labor force					Not in labor force
		Employed, by occupation				Unemployed	
		Total	S&E	S&E related	Non-S&E		
Scientists and engineers	91,000	83,000	43,000	45,000	73,000	16,000	41,000
Educated in S&E (holds at least one S&E degree)	79,000	71,000	38,000	33,000	67,000	14,000	36,000
Highest degree in S&E field	73,000	66,000	35,000	24,000	60,000	13,000	33,000
Highest degree in S&E-related field	25,000	23,000	5,000	20,000	8,000	2,000	8,000
Highest degree in non-S&E field	41,000	37,000	10,000	10,000	36,000	6,000	17,000
No S&E degree but holds at least one S&E-related degree	49,000	46,000	10,000	34,000	29,000	7,000	19,000
Highest degree in S&E-related field	45,000	43,000	9,000	33,000	26,000	6,000	18,000
Highest degree in non-S&E field	18,000	16,000	3,000	9,000	12,000	3,000	7,000
Non-S&E degree only	32,000	31,000	16,000	18,000	18,000	3,000	8,000

S&E = science and engineering.

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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational 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.

TABLE A-2. Standard errors for U.S. scientists and engineers, by labor force status, degree background, and level of highest degree: 2006

Labor force status and degree background	Level of highest degree									
	All degree levels		Bachelor's		Master's		Doctorate		Professional	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Scientists and engineers	91,000	-	76,000	0.2	51,000	0.2	10,000	0.1	30,000	0.1
Employed	83,000	-	70,000	0.2	46,000	0.2	9,000	0.1	29,000	0.2
Employed in S&E occupation	43,000	-	32,000	0.3	20,000	0.3	5,000	0.1	4,000	0.1
Educated in S&E (holds at least one S&E degree)	38,000	-	27,000	0.3	18,000	0.3	5,000	0.1	4,000	0.1
No S&E degree but holds at least one S&E-related degree	10,000	-	8,000	2.0	4,000	1.8	2,000	0.7	2,000	0.7
Non-S&E degree only	16,000	-	14,000	1.3	7,000	1.3	1,000	0.3	1,000	0.2
Employed in S&E-related occupation	45,000	-	35,000	0.4	24,000	0.4	3,000	0.1	19,000	0.3
Educated in S&E (holds at least one S&E degree)	33,000	-	22,000	0.7	18,000	0.7	2,000	0.1	16,000	0.7
No S&E degree but holds at least one S&E-related degree	34,000	-	27,000	0.7	16,000	0.6	2,000	0.1	13,000	0.5
Non-S&E degree only	18,000	-	17,000	1.8	9,000	1.7	2,000	0.5	2,000	0.4
Employed in non-S&E occupation	73,000	-	61,000	0.4	41,000	0.4	7,000	0.1	19,000	0.2
Educated in S&E (holds at least one S&E degree)	67,000	-	55,000	0.5	38,000	0.4	6,000	0.1	18,000	0.3
No S&E degree but holds at least one S&E-related degree	29,000	-	23,000	1.2	15,000	1.1	2,000	0.2	5,000	0.4
Non-S&E degree only	18,000	-	14,000	2.1	9,000	2.1	1,000	0.3	2,000	0.7
Unemployed	16,000	-	13,000	1.4	8,000	1.3	2,000	0.3	3,000	0.7
Educated in S&E (holds at least one S&E degree)	14,000	-	12,000	1.6	7,000	1.5	1,000	0.4	3,000	0.7
No S&E degree but holds at least one S&E-related degree	7,000	-	5,000	5.2	4,000	5.1	1,000	0.9	2,000	2.9
Non-S&E degree only	3,000	-	3,000	6.4	1,000	6.4	ne	ne	ne	ne
Not in labor force	41,000	-	33,000	0.6	22,000	0.6	4,000	0.1	9,000	0.3
Educated in S&E (holds at least one S&E degree)	36,000	-	30,000	0.7	19,000	0.7	4,000	0.2	8,000	0.3
No S&E degree but holds at least one S&E-related degree	19,000	-	17,000	1.5	11,000	1.4	2,000	0.3	5,000	0.8
Non-S&E degree only	8,000	-	7,000	4.3	4,000	4.3	ne	ne	ne	ne

- = no value, standard errors are not calculated for proportions of 100%. ne = not eligible, does not meet SESTAT population criteria.

S&E = science and engineering.

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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational 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; standard errors of percents are rounded up to the nearest tenth.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE A-3. Standard errors for relationship of highest degree to type of occupation of U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		Relationship of highest degree to type of occupation											
			S&E occupation				S&E-related occupation				Non-S&E occupation			
	Number	Percent	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
All degree levels and fields[a]	83,000	-	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.3	0.2	0.2	0.2
S&E fields	66,000	-	0.4	0.3	0.2	0.1	0.2	0.2	0.1	0.1	0.4	0.2	0.3	0.4
Sciences	63,000	-	0.4	0.3	0.2	0.1	0.3	0.2	0.1	0.1	0.4	0.3	0.4	0.4
Biological/agricultural/environmental life sciences	28,000	-	0.8	0.6	0.4	0.3	0.8	0.6	0.5	0.3	1.0	0.6	0.7	0.9
Agricultural sciences	13,000	-	1.6	1.3	0.9	0.7	1.6	0.9	1.2	0.5	2.3	2.3	2.0	2.3
Biological sciences	24,000	-	0.9	0.7	0.4	0.4	1.0	0.8	0.6	0.4	1.2	0.6	0.7	1.1
Environmental life sciences	9,000	-	2.8	2.4	1.1	1.0	2.0	1.0	1.6	0.6	3.0	2.1	2.1	2.7
Computer/mathematical sciences	23,000	-	0.9	0.8	0.5	0.2	0.5	0.4	0.3	0.2	0.9	0.5	0.6	0.6
Computer/information sciences	17,000	-	1.0	1.0	0.6	0.3	0.5	0.4	0.2	0.2	0.9	0.6	0.5	0.7
Mathematics/statistics	16,000	-	1.5	1.0	1.1	0.3	1.1	1.0	0.6	0.3	1.6	0.8	1.4	1.3
Physical/related sciences	14,000	-	1.1	0.9	0.6	0.5	0.8	0.6	0.5	0.3	1.2	0.7	0.7	1.2
Chemistry, except biochemistry	11,000	-	1.7	1.4	0.9	0.7	1.2	0.9	0.8	0.5	1.8	1.1	1.1	1.6
Earth/atmospheric/ocean sciences	8,000	-	2.5	2.0	1.5	1.3	1.6	1.4	1.0	0.5	2.4	1.0	1.3	2.5
Physics/astronomy	6,000	-	2.2	1.5	1.5	1.2	1.0	0.7	0.6	0.3	2.1	0.8	1.5	1.7
Other physical sciences	5,000	-	4.7	4.1	1.8	1.3	3.0	2.1	1.1	S	5.5	4.8	3.5	6.0
Social/related sciences	50,000	-	0.4	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.5	0.5	0.6	0.7
Economics	19,000	-	0.9	0.5	0.5	0.6	0.5	0.2	0.3	0.3	1.0	1.3	1.8	1.4
Political/related sciences	22,000	-	0.8	0.5	0.4	0.4	0.7	0.5	0.2	0.5	1.0	1.2	1.2	1.5
Psychology	26,000	-	0.6	0.4	0.3	0.2	0.6	0.4	0.3	0.3	0.8	0.8	0.8	0.9
Sociology/anthropology	20,000	-	0.7	0.4	0.4	0.4	0.8	0.4	0.4	0.6	1.0	1.2	1.5	1.6
Other social sciences	15,000	-	1.1	0.7	0.5	0.7	1.2	1.1	0.4	0.5	1.7	1.4	1.6	2.0
Engineering	27,000	-	0.6	0.5	0.4	0.2	0.3	0.3	0.2	0.1	0.6	0.3	0.4	0.4
Aerospace/aeronautical/astronautical engineering	6,000	-	3.5	2.9	1.9	1.8	2.0	1.3	0.9	1.3	3.8	2.4	2.6	2.5
Chemical engineering	7,000	-	2.3	1.9	1.5	0.8	1.4	0.8	1.0	0.8	2.1	1.2	1.4	1.5
Civil/architectural engineering	11,000	-	1.4	1.4	0.8	0.4	0.9	0.8	0.4	0.2	1.4	0.9	1.2	0.8
Electrical/computer engineering	14,000	-	0.9	0.9	0.8	0.2	0.5	0.4	0.4	0.1	0.9	0.5	0.6	0.6
Industrial engineering	8,000	-	2.6	2.1	1.8	0.6	1.7	1.0	0.9	1.1	2.7	1.8	2.2	2.1
Mechanical engineering	13,000	-	1.2	1.2	0.8	0.5	0.7	0.5	0.5	0.1	1.3	0.6	1.1	1.0
Other engineering	11,000	-	1.6	1.3	1.0	0.4	0.9	0.7	0.4	0.3	1.6	1.0	1.2	1.2
S&E-related fields	43,000	-	0.2	0.2	0.1	0.1	0.5	0.5	0.2	0.1	0.5	0.3	0.3	0.3
Health	35,000	-	0.2	0.1	0.1	0.1	0.5	0.5	0.3	0.1	0.5	0.3	0.3	0.3
Science/mathematics teacher education	16,000	-	1.0	0.9	0.2	0.3	2.2	2.1	0.7	0.6	2.3	1.9	1.6	1.7
Technology/technical fields	13,000	-	1.9	1.7	1.0	0.4	1.3	0.9	0.7	0.6	2.3	1.8	1.8	1.6
Other S&E-related fields	14,000	-	1.1	0.7	0.5	0.7	2.1	2.1	0.8	S	2.1	1.8	1.6	1.6
Non-S&E fields	47,000	-	0.4	0.3	0.3	0.2	0.5	0.4	0.3	0.3	0.6	0.6	0.5	0.4

TABLE A-3. Standard errors for relationship of highest degree to type of occupation of U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		Relationship of highest degree to type of occupation											
			S&E occupation				S&E-related occupation				Non-S&E occupation			
	Number	Percent	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
Arts/humanities	13,000	-	2.1	0.8	1.0	1.8	2.3	1.5	1.2	1.7	2.2	1.5	1.3	1.3
Education, except science/mathematics teacher education	24,000	-	0.6	0.3	0.3	0.4	1.3	1.2	0.6	0.5	1.4	1.3	0.8	0.7
Management/administration	27,000	-	0.9	0.6	0.7	0.4	0.7	0.5	0.5	0.4	1.0	0.9	0.9	0.5
Sales/marketing	9,000	-	2.9	1.8	2.1	1.7	1.9	0.4	1.4	1.3	3.1	2.9	2.7	2.1
Social services/related	14,000	-	1.0	0.6	0.5	0.8	1.4	1.0	0.6	0.8	1.6	1.8	1.1	1.3
Other non-S&E fields	25,000	-	0.7	0.5	0.4	0.4	0.8	0.6	0.4	0.4	1.0	1.3	0.9	0.7
Bachelor's degrees	70,000	-	0.3	0.2	0.2	0.1	0.3	0.3	0.1	0.1	0.4	0.3	0.3	0.3
S&E fields	61,000	-	0.4	0.3	0.2	0.1	0.3	0.2	0.2	0.1	0.4	0.3	0.4	0.4
Sciences	60,000	-	0.4	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.5	0.4	0.4	0.5
Biological/agricultural/environmental life sciences	27,000	-	0.9	0.7	0.5	0.4	1.0	0.8	0.7	0.4	1.2	0.8	0.9	1.2
Agricultural sciences	12,000	-	1.8	1.3	1.0	0.8	1.8	0.9	1.4	0.6	2.7	2.8	2.4	2.7
Biological sciences	23,000	-	1.0	0.8	0.5	0.5	1.3	1.0	0.8	0.5	1.5	0.8	1.0	1.4
Environmental life sciences	8,000	-	3.2	2.6	1.4	1.3	2.2	1.1	1.9	0.7	3.6	2.4	2.5	3.3
Computer/mathematical sciences	21,000	-	1.0	0.9	0.7	0.3	0.6	0.6	0.3	0.2	1.1	0.6	0.7	0.8
Computer/information sciences	15,000	-	1.2	1.2	0.8	0.4	0.6	0.5	0.3	0.2	1.2	0.7	0.7	0.9
Mathematics/statistics	15,000	-	1.7	1.1	1.4	0.4	1.5	1.4	0.8	0.4	2.0	1.0	1.8	1.7
Physical/related sciences	13,000	-	1.6	1.3	1.0	0.7	1.1	0.9	0.6	0.5	1.8	1.0	1.1	1.8
Chemistry, except biochemistry	10,000	-	2.4	1.9	1.3	0.9	1.7	1.3	1.1	0.8	2.6	1.6	1.6	2.4
Earth/atmospheric/ocean sciences	7,000	-	3.5	2.7	2.0	1.8	2.4	2.0	1.3	0.8	3.5	1.4	2.0	3.5
Physics/astronomy	6,000	-	3.6	2.1	2.6	2.2	1.4	1.0	0.7	0.6	3.8	1.7	2.9	3.3
Other physical sciences	4,000	-	5.4	4.7	2.2	1.4	3.5	2.5	1.0	S	6.4	5.6	4.2	7.1
Social/related sciences	46,000	-	0.3	0.2	0.2	0.2	0.4	0.3	0.2	0.2	0.5	0.6	0.7	0.8
Economics	19,000	-	1.0	0.5	0.6	0.6	0.6	0.3	0.4	0.3	1.0	1.6	2.0	1.6
Political/related sciences	20,000	-	0.8	0.4	0.4	0.5	0.8	0.5	0.2	0.5	1.1	1.3	1.4	1.8
Psychology	23,000	-	0.5	0.3	0.3	0.3	0.7	0.5	0.5	0.4	0.9	1.0	1.1	1.3
Sociology/anthropology	21,000	-	0.6	0.3	0.4	0.4	0.9	0.5	0.5	0.7	1.0	1.3	1.6	1.7
Other social sciences	14,000	-	1.2	0.7	0.5	0.9	1.4	1.2	0.5	0.6	1.8	1.5	2.0	2.5
Engineering	24,000	-	0.8	0.7	0.5	0.2	0.4	0.3	0.3	0.2	0.8	0.4	0.6	0.5
Aerospace/aeronautical/astronautical engineering	5,000	-	4.3	3.3	2.5	2.2	2.5	1.4	1.2	1.9	4.6	3.3	3.3	3.4
Chemical engineering	6,000	-	3.1	2.5	1.9	0.9	1.7	1.0	1.2	1.0	2.7	1.6	1.7	1.9
Civil/architectural engineering	9,000	-	1.7	1.6	1.0	0.4	1.1	1.0	0.5	S	1.7	1.2	1.4	1.1
Electrical/computer engineering	11,000	-	1.2	1.2	1.0	0.3	0.8	0.5	0.5	0.2	1.2	0.6	0.8	0.9
Industrial engineering	7,000	-	3.1	2.3	2.1	0.7	2.2	1.3	1.2	1.4	3.3	2.3	2.9	2.7
Mechanical engineering	11,000	-	1.4	1.3	0.9	0.5	0.9	0.7	0.6	0.2	1.5	0.7	1.3	1.2
Other engineering	9,000	-	2.3	2.0	1.6	0.6	1.3	1.1	0.5	0.4	2.5	1.4	1.7	1.9

TABLE A-3. Standard errors for relationship of highest degree to type of occupation of U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		Relationship of highest degree to type of occupation											
			S&E occupation				S&E-related occupation				Non-S&E occupation			
	Number	Percent	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
S&E-related fields	38,000	-	0.4	0.3	0.2	0.1	0.7	0.8	0.4	0.2	0.8	0.5	0.5	0.6
Health	30,000	-	0.2	0.1	0.2	0.1	0.8	0.9	0.5	0.2	0.8	0.4	0.5	0.6
Science/mathematics teacher education	12,000	-	1.2	1.1	0.4	0.2	3.3	3.1	1.0	S	3.4	2.8	2.7	3.2
Technology/technical fields	12,000	-	2.1	1.8	1.1	0.4	1.4	0.9	0.8	0.7	2.5	2.1	2.0	1.8
Other S&E-related fields	12,000	-	1.1	0.6	0.4	0.9	2.7	2.7	1.0	S	2.7	2.5	1.9	2.2
Non-S&E fields	28,000	-	1.1	0.6	0.8	0.8	1.3	1.0	0.7	0.9	1.2	0.9	0.7	0.6
Arts/humanities	11,000	-	2.6	1.1	1.4	2.3	2.9	1.9	1.6	2.3	2.1	1.7	1.4	0.8
Education, except science/mathematics teacher education	10,000	-	2.0	0.8	1.1	1.4	3.3	3.3	1.6	2.6	3.2	2.7	1.1	1.9
Management/administration	17,000	-	2.0	1.2	1.6	1.0	1.8	1.0	1.1	1.1	2.0	1.3	1.2	0.8
Sales/marketing	5,000	-	5.8	3.2	4.3	4.2	4.8	S	3.7	3.4	5.5	3.5	3.7	3.4
Social services/related	5,000	-	6.3	S	S	6.3	6.4	4.0	S	5.2	6.2	4.6	2.4	4.8
Other non-S&E fields	11,000	-	2.7	1.9	1.5	1.9	3.2	2.6	1.8	1.8	2.8	2.0	1.9	1.9
Master's degrees	46,000	-	0.4	0.3	0.2	0.1	0.4	0.4	0.2	0.1	0.5	0.5	0.4	0.3
S&E fields	26,000	-	0.7	0.6	0.4	0.2	0.5	0.4	0.2	0.2	0.8	0.5	0.5	0.5
Sciences	22,000	-	0.9	0.7	0.4	0.2	0.6	0.5	0.3	0.2	0.9	0.7	0.6	0.7
Biological/agricultural/environmental life sciences	8,000	-	1.9	1.8	0.9	0.9	1.9	1.7	1.0	0.7	2.1	1.4	1.5	1.5
Agricultural sciences	3,000	-	5.4	5.1	3.3	S	4.9	4.2	2.6	S	5.2	3.4	3.4	3.3
Biological sciences	7,000	-	2.4	2.2	1.1	1.2	2.4	2.1	1.2	0.9	2.5	1.6	1.6	2.0
Environmental life sciences	4,000	-	5.2	4.9	1.8	S	3.9	2.6	S	S	5.6	3.8	4.9	3.9
Computer/mathematical sciences	10,000	-	1.4	1.4	0.9	0.4	0.9	0.7	0.5	0.3	1.4	0.9	0.8	0.8
Computer/information sciences	9,000	-	1.6	1.7	1.0	0.5	0.9	0.8	0.5	0.3	1.5	1.1	0.8	0.9
Mathematics/statistics	5,000	-	2.6	2.4	1.6	0.7	2.0	1.4	1.4	0.5	2.7	1.5	2.3	1.6
Physical/related sciences	6,000	-	2.5	2.2	1.5	1.2	2.0	1.5	1.3	0.6	2.3	0.8	1.5	1.7
Chemistry, except biochemistry	3,000	-	4.3	4.0	1.9	2.5	3.7	2.8	2.4	S	3.7	S	2.1	3.2
Earth/atmospheric/ocean sciences	4,000	-	4.0	3.7	2.7	1.8	2.9	2.1	2.1	S	3.5	1.9	1.7	2.9
Physics/astronomy	3,000	-	5.2	3.5	3.1	2.1	3.4	2.8	2.1	S	4.7	1.0	4.5	2.8
Other physical sciences	1,000	-	15.7	14.7	S	S	7.6	0.1	S	S	16.9	S	S	S
Social/related sciences	17,000	-	1.1	0.9	0.5	0.3	0.7	0.6	0.3	0.4	1.3	1.1	1.1	1.0
Economics	6,000	-	3.6	2.5	1.9	1.0	1.8	S	S	S	3.9	2.6	4.2	3.3
Political/related sciences	8,000	-	2.3	1.8	1.2	1.0	2.0	1.2	0.9	1.4	2.6	2.8	3.1	3.1
Psychology	13,000	-	1.3	1.2	0.6	0.4	1.0	0.7	0.5	0.5	1.6	1.7	1.3	1.3
Sociology/anthropology	5,000	-	3.8	3.4	1.1	1.5	1.3	S	0.9	S	4.2	4.9	3.8	3.6
Other social sciences	5,000	-	2.9	2.2	1.7	0.6	3.1	3.0	0.6	0.3	3.9	2.8	3.2	3.4
Engineering	12,000	-	1.0	1.0	0.8	0.4	0.6	0.4	0.4	0.1	0.9	0.6	0.7	0.5
Aerospace/aeronautical/astronautical engineering	2,000	-	5.4	6.0	2.6	4.0	4.1	S	S	S	4.8	S	4.1	1.5

TABLE A-3. Standard errors for relationship of highest degree to type of occupation of U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		Relationship of highest degree to type of occupation											
			S&E occupation				S&E-related occupation				Non-S&E occupation			
	Number	Percent	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
Chemical engineering	2,000	-	4.7	4.2	2.7	2.9	3.2	1.7	2.8	S	4.8	1.6	4.4	2.1
Civil/architectural engineering	5,000	-	2.5	2.6	1.5	1.0	1.6	1.1	1.0	S	2.5	1.7	1.5	1.5
Electrical/computer engineering	7,000	-	1.5	1.7	1.4	0.4	0.8	0.6	0.5	S	1.4	0.9	0.9	0.8
Industrial engineering	3,000	-	3.9	4.1	3.2	1.1	1.6	1.1	1.0	S	3.7	2.5	2.7	2.1
Mechanical engineering	4,000	-	2.4	2.4	2.2	1.5	1.4	0.7	1.3	S	2.1	0.7	1.5	1.7
Other engineering	5,000	-	2.5	2.3	1.6	0.8	1.2	0.8	0.9	0.5	2.3	1.5	1.7	1.3
S&E-related fields	19,000	-	0.5	0.4	0.2	0.1	1.0	1.1	0.5	0.3	1.0	0.8	0.6	0.6
Health	16,000	-	0.4	0.3	0.2	0.1	1.2	1.3	0.6	0.3	1.2	0.9	0.8	0.7
Science/mathematics teacher education	9,000	-	1.2	1.0	0.3	0.6	2.9	2.9	1.1	1.1	3.0	2.3	1.7	2.1
Technology/technical fields	4,000	-	5.2	4.2	2.8	S	3.3	2.6	2.0	S	5.2	3.6	3.7	3.1
Other S&E-related fields	6,000	-	2.7	2.3	1.2	S	3.5	3.4	0.9	S	3.5	2.5	2.7	2.2
Non-S&E fields	36,000	-	0.5	0.3	0.3	0.2	0.6	0.5	0.4	0.2	0.7	0.8	0.6	0.5
Arts/humanities	8,000	-	2.9	1.3	0.7	2.3	3.7	2.7	2.2	2.2	3.9	3.5	2.7	3.5
Education, except science/mathematics teacher education	22,000	-	0.5	0.4	0.3	0.2	1.5	1.4	0.7	0.3	1.5	1.7	0.9	0.8
Management/administration	22,000	-	0.9	0.6	0.7	0.3	0.8	0.6	0.5	0.3	1.1	1.2	1.1	0.7
Sales/marketing	7,000	-	2.8	2.3	2.1	0.4	1.1	S	0.9	S	3.0	3.9	3.8	2.5
Social services/related	12,000	-	0.9	0.7	0.6	0.4	1.4	1.0	0.7	0.7	1.6	2.0	1.2	1.5
Other non-S&E fields	11,000	-	1.6	1.1	0.9	0.6	1.9	1.6	1.0	0.8	2.3	2.9	2.3	1.5
Doctorate degrees	9,000	-	0.6	0.5	0.3	0.2	0.4	0.4	0.2	0.1	0.6	0.5	0.3	0.3
S&E fields	5,000	-	0.3	0.4	0.3	0.1	0.2	0.2	0.1	0.1	0.3	0.2	0.2	0.1
Sciences	4,000	-	0.4	0.5	0.3	0.1	0.2	0.2	0.1	0.1	0.3	0.2	0.2	0.2
Biological/agricultural/environmental life sciences	3,000	-	0.7	0.8	0.5	0.2	0.6	0.5	0.3	0.2	0.6	0.4	0.2	0.3
Agricultural sciences	1,000	-	2.5	2.4	1.4	0.6	1.1	0.9	0.1	0.1	2.4	1.0	0.9	2.6
Biological sciences	3,000	-	0.8	0.9	0.5	0.2	0.6	0.5	0.3	0.2	0.5	0.5	0.3	0.2
Environmental life sciences	500	-	2.8	3.2	2.1	S	0.1	0.1	S	S	2.2	0.1	0.1	0.1
Computer/mathematical sciences	2,000	-	1.3	1.7	1.6	0.5	0.7	0.5	0.5	0.1	1.2	0.9	0.6	0.3
Computer/information sciences	1,000	-	2.0	3.5	3.5	0.8	1.4	0.8	1.2	S	1.5	1.3	0.7	0.1
Mathematics/statistics	1,000	-	1.7	1.8	1.3	0.6	0.8	0.7	0.1	0.1	1.5	1.3	0.8	0.5
Physical/related sciences	2,000	-	0.8	0.9	0.7	0.4	0.4	0.3	0.2	0.2	0.7	0.5	0.6	0.3
Chemistry, except biochemistry	1,000	-	1.1	1.4	1.1	0.5	0.7	0.5	0.4	0.3	1.0	0.7	0.8	0.5
Earth/atmospheric/ocean sciences	1,000	-	1.5	2.3	2.0	0.7	1.1	0.1	0.1	0.1	1.2	0.7	0.8	0.6
Physics/astronomy	1,000	-	1.5	1.6	1.2	0.8	0.7	0.4	0.5	0.4	1.4	0.4	1.3	0.4
Other physical sciences	500	-	11.9	10.4	0.1	S	0.1	S	S	S	12.4	S	0.1	S
Social/related sciences	2,000	-	0.7	0.7	0.3	0.2	0.4	0.2	0.3	0.1	0.6	0.4	0.4	0.3
Economics	1,000	-	1.8	2.0	1.0	0.1	0.1	S	S	S	1.8	1.6	1.0	0.6

TABLE A-3. Standard errors for relationship of highest degree to type of occupation of U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		Relationship of highest degree to type of occupation											
			S&E occupation				S&E-related occupation				Non-S&E occupation			
	Number	Percent	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
Political/related sciences	1,000	-	2.2	2.2	0.9	0.1	0.1	S	0.1	S	2.2	1.6	1.7	1.9
Psychology	1,000	-	0.8	1.0	0.5	0.2	0.6	0.2	0.5	0.1	0.7	0.4	0.6	0.3
Sociology/anthropology	1,000	-	1.6	1.7	0.9	0.1	0.6	0.4	0.4	0.1	1.6	0.9	1.5	0.7
Other social sciences	1,000	-	2.2	2.2	1.3	0.1	1.4	1.3	0.1	S	2.1	2.0	1.3	0.9
Engineering	2,000	-	0.7	1.0	0.7	0.4	0.4	0.2	0.3	0.2	0.7	0.4	0.5	0.3
Aerospace/aeronautical/astronautical engineering	1,000	-	3.2	5.3	5.5	0.1	0.1	S	0.1	S	2.9	0.1	0.1	0.1
Chemical engineering	1,000	-	2.8	2.9	2.0	0.9	1.6	0.7	1.4	0.1	2.5	1.3	2.1	0.8
Civil/architectural engineering	1,000	-	1.8	2.9	2.5	0.1	1.2	0.1	0.1	S	1.3	0.1	0.1	0.1
Electrical/computer engineering	1,000	-	1.3	1.7	1.3	0.6	0.6	0.4	0.3	0.1	1.3	1.1	0.9	0.3
Industrial engineering	500	-	4.2	4.3	2.9	S	0.1	0.1	S	S	3.9	0.1	0.1	S
Mechanical engineering	1,000	-	1.8	2.4	1.7	1.2	1.1	0.8	0.1	0.1	1.6	0.9	0.8	1.4
Other engineering	1,000	-	1.3	1.7	1.3	0.8	0.9	0.5	0.6	0.5	1.2	0.7	0.7	0.5
S&E-related fields	3,000	-	2.6	2.5	0.8	0.1	2.6	2.5	0.8	0.5	2.9	2.6	1.7	0.7
Health	2,000	-	2.5	2.4	0.8	0.1	2.6	2.7	1.1	0.6	2.3	1.2	2.1	0.8
Science/mathematics teacher education	1,000	-	8.8	8.7	S	S	S	S	S	S	8.9	8.8	S	S
Technology/technical fields	1,000	-	5.8	10.6	S	S	S	S	S	S	S	S	S	S
Other S&E-related fields	1,000	-	S	S	S	S	S	S	S	S	15.6	S	S	S
Non-S&E fields	7,000	-	1.6	1.3	0.4	1.0	1.9	1.9	0.8	S	2.3	2.7	1.7	1.9
Arts/humanities	3,000	-	4.5	S	S	3.3	S	S	S	S	4.8	7.7	5.9	8.3
Education, except science/mathematics teacher education	5,000	-	2.2	1.8	S	S	3.5	3.2	1.6	S	4.0	4.1	2.6	2.3
Management/administration	2,000	-	5.2	5.0	S	S	S	S	S	S	5.2	6.7	S	S
Sales/marketing	500	-	S	S	S	S	S	S	S	S	-	10.3	S	S
Social services/related	3,000	-	4.7	3.3	S	3.1	S	S	S	S	6.8	7.2	S	S
Other non-S&E fields	3,000	-	5.8	5.5	S	S	3.9	3.0	S	S	7.1	7.5	8.0	S

- = no value, standard errors are not calculated for proportions of 100%. 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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational classification. Standard errors of less than 500 are rounded up to 500, and standard errors equal to or greater then 500 are rounded up to the nearest thousand; standard errors of percents are rounded up to the nearest tenth.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE A-4. Standard errors for occupational category of employed U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		S&E occupations					S&E-related occupations					Non-S&E occupations
	Number	Percent	Computer/ mathematical scientists	Biological/ agricultural/ other life scientists	Physical/ related scientists	Social/ related scientists	Engineers	Health occupations	S&E managers	S&E precollege teachers	S&E technicians and technologists	Other S&E-related occupations	
All levels and fields[a]	83,000	-	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.3
S&E fields	66,000	-	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.4
Sciences	63,000	-	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.4
Biological/agricultural/environmental life sciences	28,000	-	0.3	0.6	0.2	0.1	0.2	0.6	0.2	0.4	0.4	0.1	1.0
Agricultural sciences	13,000	-	0.6	1.4	0.6	0.1	0.5	1.3	0.1	0.6	0.7	S	2.3
Biological sciences	24,000	-	0.4	0.8	0.2	0.1	0.2	0.8	0.2	0.5	0.4	S	1.2
Environmental life sciences	9,000	-	1.0	2.2	1.3	0.1	1.4	0.8	0.7	0.6	1.5	S	3.0
Computer/mathematical sciences	23,000	-	0.9	0.1	0.1	0.1	0.2	0.1	0.3	0.3	0.3	0.2	0.9
Computer/information sciences	17,000	-	1.0	0.1	S	0.1	0.3	0.2	0.4	0.2	0.3	0.1	0.9
Mathematics/statistics	16,000	-	1.4	0.1	0.1	0.1	0.4	0.2	0.4	0.9	0.5	0.6	1.6
Physical/related sciences	14,000	-	0.6	0.3	0.9	0.1	0.5	0.5	0.3	0.5	0.3	0.1	1.2
Chemistry, except biochemistry	11,000	-	0.8	0.5	1.4	0.1	0.8	0.9	0.2	0.8	0.5	S	1.8
Earth/atmospheric/ocean sciences	8,000	-	1.1	0.1	2.3	0.1	1.4	0.1	0.9	1.2	0.7	S	2.4
Physics/astronomy	6,000	-	1.9	0.3	1.3	0.1	1.1	0.1	0.6	0.7	0.4	S	2.1
Other physical sciences	5,000	-	1.7	1.9	3.7	S	1.9	2.3	S	0.1	0.1	S	5.5
Social/related sciences	50,000	-	0.2	0.1	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.1	0.5
Economics	19,000	-	0.7	0.2	S	0.4	0.3	0.3	0.3	0.2	0.3	0.1	1.0
Political/related sciences	22,000	-	0.5	0.1	0.1	0.5	0.2	0.4	0.4	0.3	0.2	S	1.0
Psychology	26,000	-	0.3	0.1	S	0.5	0.1	0.5	0.2	0.2	0.1	S	0.8
Sociology/anthropology	20,000	-	0.5	0.1	0.1	0.4	0.2	0.7	0.2	0.2	0.2	S	1.0
Other social sciences	15,000	-	0.8	0.3	0.2	0.6	0.2	0.7	0.3	0.8	0.5	0.3	1.7
Engineering	27,000	-	0.4	0.1	0.1	0.1	0.5	0.1	0.2	0.1	0.2	0.1	0.6
Aerospace/aeronautical/astronautical engineering	6,000	-	2.0	S	0.1	S	3.3	S	0.9	S	1.1	S	3.8
Chemical engineering	7,000	-	0.8	0.3	0.7	S	2.2	0.7	0.9	0.7	0.5	S	2.1
Civil/architectural engineering	11,000	-	0.4	S	0.1	0.2	1.4	S	0.6	0.2	0.4	0.6	1.4
Electrical/computer engineering	14,000	-	0.8	0.1	0.1	0.1	0.9	0.1	0.4	0.1	0.4	S	0.9
Industrial engineering	8,000	-	1.2	S	S	S	2.4	0.8	0.8	0.6	1.2	S	2.7
Mechanical engineering	13,000	-	0.5	0.1	0.1	S	1.2	0.2	0.6	0.2	0.4	S	1.3
Other engineering	11,000	-	0.8	0.4	0.3	0.1	1.4	0.4	0.4	0.2	0.6	S	1.6
S&E-related fields	43,000	-	0.2	0.1	0.1	0.1	0.1	0.5	0.1	0.2	0.1	0.2	0.5
Health	35,000	-	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	S	0.5
Science/mathematics teacher education	16,000	-	0.9	0.2	0.4	0.1	0.1	0.8	S	2.2	0.4	S	2.3
Technology/technical fields	13,000	-	1.5	S	S	S	1.3	0.7	0.7	0.2	0.8	S	2.3
Other S&E-related fields	14,000	-	0.5	S	S	0.9	0.5	S	0.4	S	0.5	2.1	2.1
Non-S&E fields	47,000	-	0.4	0.1	0.1	0.2	0.2	0.3	0.2	0.3	0.1	0.1	0.6
Arts/humanities	13,000	-	1.8	S	0.1	0.8	0.5	1.7	0.6	1.4	0.9	0.6	2.2
Education, except science/mathematics teacher education	24,000	-	0.4	0.1	0.1	0.2	0.2	0.8	0.2	1.1	0.2	S	1.4

TABLE A-4. Standard errors for occupational category of employed U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		S&E occupations					S&E-related occupations					Non-S&E occupations
	Number	Percent	Computer/ mathematical scientists	Biological/ agricultural/ other life scientists	Physical/ related scientists	Social/ related scientists	Engineers	Health occupations	S&E managers	S&E precollege teachers	S&E technicians and technologists	Other S&E-related occupations	
Management/administration	27,000	-	0.8	0.2	0.1	0.2	0.5	0.5	0.4	0.3	0.3	0.1	1.0
Sales/marketing	9,000	-	2.2	S	S	1.7	1.5	1.5	0.8	S	0.5	S	3.1
Social services/related	14,000	-	0.8	S	S	0.6	0.2	1.0	0.6	0.6	0.4	S	1.6
Other non-S&E fields	25,000	-	0.5	0.3	0.2	0.3	0.2	0.6	0.3	0.3	0.3	0.1	1.0
Bachelor's degrees	70,000	-	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.4
S&E fields	61,000	-	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.4
Sciences	60,000	-	0.3	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.5
Biological/agricultural/environmental life sciences	27,000	-	0.4	0.7	0.3	0.1	0.3	0.8	0.2	0.5	0.5	S	1.2
Agricultural sciences	12,000	-	0.7	1.5	0.7	S	0.6	1.5	S	0.7	0.7	S	2.7
Biological sciences	23,000	-	0.5	0.8	0.3	0.1	0.3	1.0	0.3	0.6	0.5	S	1.5
Environmental life sciences	8,000	-	1.2	2.2	1.6	0.1	1.6	1.0	S	0.1	1.8	S	3.6
Computer/mathematical sciences	21,000	-	1.0	0.1	0.1	0.1	0.3	0.2	0.3	0.4	0.3	0.2	1.1
Computer/information sciences	15,000	-	1.2	S	S	0.2	0.4	0.2	0.4	0.2	0.4	0.2	1.2
Mathematics/statistics	15,000	-	1.6	0.1	0.1	0.1	0.5	0.3	0.5	1.2	0.7	0.7	2.0
Physical/related sciences	13,000	-	1.0	0.3	1.2	0.1	0.8	0.7	0.3	0.6	0.5	S	1.8
Chemistry, except biochemistry	10,000	-	1.1	0.5	2.0	S	1.1	1.3	0.3	0.9	0.8	S	2.6
Earth/atmospheric/ocean sciences	7,000	-	1.6	0.1	2.8	S	2.2	0.1	1.1	1.7	1.2	S	3.5
Physics/astronomy	6,000	-	3.6	0.1	1.3	S	1.9	0.1	0.1	0.9	0.7	S	3.8
Other physical sciences	4,000	-	2.1	S	4.4	S	0.1	2.8	S	S	0.1	S	6.4
Social/related sciences	46,000	-	0.3	0.1	0.1	0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.5
Economics	19,000	-	0.8	0.3	S	0.4	0.3	0.3	0.3	0.2	0.3	S	1.0
Political/related sciences	20,000	-	0.5	S	S	0.5	0.3	0.5	0.4	0.3	0.2	S	1.1
Psychology	23,000	-	0.4	S	S	0.3	0.1	0.7	0.2	0.3	0.1	S	0.9
Sociology/anthropology	21,000	-	0.5	0.1	S	0.3	S	0.8	0.2	0.3	0.2	S	1.0
Other social sciences	14,000	-	0.9	S	0.2	0.5	0.3	0.8	0.3	0.7	0.7	S	1.8
Engineering	24,000	-	0.4	0.1	0.1	0.1	0.7	0.1	0.3	0.1	0.3	0.1	0.8
Aerospace/aeronautical/astronautical engineering	5,000	-	2.4	S	0.1	S	4.0	S	1.0	S	1.5	S	4.6
Chemical engineering	6,000	-	1.0	0.1	0.9	S	3.0	0.9	1.2	0.9	0.6	S	2.7
Civil/architectural engineering	9,000	-	0.5	S	S	S	1.7	S	0.7	S	0.5	0.7	1.7
Electrical/computer engineering	11,000	-	1.1	S	0.1	0.1	1.1	0.1	0.5	0.1	0.5	S	1.2
Industrial engineering	7,000	-	1.4	S	S	S	2.9	S	1.1	0.8	1.6	S	3.3
Mechanical engineering	11,000	-	0.5	S	S	S	1.4	0.2	0.8	S	0.5	S	1.5
Other engineering	9,000	-	1.3	0.5	0.3	S	2.0	0.6	0.6	S	1.0	S	2.5
S&E-related fields	38,000	-	0.3	0.1	0.1	0.1	0.2	0.7	0.2	0.2	0.2	0.3	0.8
Health	30,000	-	0.2	0.1	0.1	0.1	0.1	0.8	0.2	S	0.1	S	0.8
Science/mathematics teacher education	12,000	-	0.9	S	0.7	S	S	1.2	S	3.1	0.7	S	3.4
Technology/technical fields	12,000	-	1.6	S	S	S	1.5	0.7	0.7	S	0.9	S	2.5
Other S&E-related fields	12,000	-	0.6	S	S	0.8	0.6	S	0.6	S	0.7	2.6	2.7

TABLE A-4. Standard errors for occupational category of employed U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		S&E occupations					S&E-related occupations					Non-S&E occupations
	Number	Percent	Computer/ mathematical scientists	Biological/ agricultural/ other life scientists	Physical/ related scientists	Social/ related scientists	Engineers	Health occupations	S&E managers	S&E precollege teachers	S&E technicians and technologists	Other S&E-related occupations	
Non-S&E fields	28,000	-	1.0	0.3	0.2	0.4	0.4	0.9	0.4	0.7	0.6	0.3	1.2
Arts/humanities	11,000	-	2.4	S	0.1	1.0	0.8	2.4	0.9	1.5	1.3	0.9	2.1
Education, except science/mathematics teacher education	10,000	-	1.6	0.6	S	0.6	0.9	2.6	0.7	2.9	1.1	S	3.2
Management/administration	17,000	-	1.9	0.6	0.2	0.4	0.7	1.1	0.8	0.6	1.1	0.2	2.0
Sales/marketing	5,000	-	4.6	S	S	3.1	3.4	4.2	S	S	1.3	S	5.5
Social services/related	5,000	-	6.2	S	S	S	S	5.5	S	S	3.5	S	6.2
Other non-S&E fields	11,000	-	2.5	1.0	0.7	1.3	1.0	2.6	1.1	1.6	1.4	S	2.8
Master's degrees	46,000	-	0.2	0.1	0.1	0.2	0.2	0.3	0.1	0.2	0.1	0.1	0.5
S&E fields	26,000	-	0.4	0.2	0.2	0.3	0.4	0.3	0.2	0.2	0.1	0.1	0.8
Sciences	22,000	-	0.6	0.3	0.2	0.5	0.2	0.3	0.3	0.3	0.2	0.1	0.9
Biological/agricultural/environmental life sciences	8,000	-	0.8	1.8	0.6	0.1	0.5	1.3	0.3	1.1	0.8	S	2.1
Agricultural sciences	3,000	-	S	5.2	0.1	S	S	3.7	S	1.9	2.6	S	5.2
Biological sciences	7,000	-	1.1	2.2	0.7	S	0.5	1.7	S	1.4	1.0	S	2.5
Environmental life sciences	4,000	-	1.8	4.5	2.0	S	2.2	S	S	2.4	0.1	S	5.6
Computer/mathematical sciences	10,000	-	1.4	0.1	0.1	0.2	0.4	0.3	0.6	0.5	0.4	0.3	1.4
Computer/information sciences	9,000	-	1.6	S	S	0.2	0.4	0.4	0.7	0.4	0.4	S	1.5
Mathematics/statistics	5,000	-	2.6	S	S	0.1	0.9	S	1.0	1.5	0.7	1.2	2.7
Physical/related sciences	6,000	-	1.4	0.6	2.1	0.1	0.9	0.7	0.9	1.6	0.5	S	2.3
Chemistry, except biochemistry	3,000	-	2.5	1.6	4.0	S	0.1	2.1	S	3.2	0.1	S	3.7
Earth/atmospheric/ocean sciences	4,000	-	1.9	0.1	3.8	S	0.1	S	1.9	2.4	S	S	3.5
Physics/astronomy	3,000	-	3.5	0.1	3.0	S	2.3	S	1.8	2.9	S	S	4.7
Other physical sciences	1,000	-	S	S	0.1	S	S	S	S	0.1	S	S	16.9
Social/related sciences	17,000	-	0.4	0.2	0.1	1.0	0.2	0.5	0.3	0.4	0.1	0.1	1.3
Economics	6,000	-	1.7	S	S	2.5	1.5	S	S	S	S	S	3.9
Political/related sciences	8,000	-	1.0	S	S	2.0	S	1.3	1.4	0.7	S	S	2.6
Psychology	13,000	-	0.4	0.2	S	1.3	S	0.7	0.4	0.3	S	S	1.6
Sociology/anthropology	5,000	-	1.4	0.1	S	3.5	S	1.1	S	S	S	S	4.2
Other social sciences	5,000	-	2.1	0.8	0.1	2.0	S	1.3	0.9	2.4	0.6	S	3.9
Engineering	12,000	-	0.7	0.1	0.2	0.1	1.0	0.1	0.4	0.2	0.2	0.3	0.9
Aerospace/aeronautical/astronautical engineering	2,000	-	4.7	S	S	S	6.2	S	S	S	S	S	4.8
Chemical engineering	2,000	-	3.0	S	0.1	S	4.4	S	2.1	S	S	S	4.8
Civil/architectural engineering	5,000	-	1.0	S	S	S	2.5	S	0.6	S	0.1	1.5	2.5
Electrical/computer engineering	7,000	-	1.4	S	S	S	1.5	S	0.7	S	0.4	S	1.4
Industrial engineering	3,000	-	2.8	S	S	S	3.8	S	0.1	S	0.1	S	3.7
Mechanical engineering	4,000	-	1.7	S	S	S	2.6	S	1.3	S	0.6	S	2.1
Other engineering	5,000	-	1.2	0.7	0.7	S	2.3	0.6	0.7	0.6	0.6	S	2.3
S&E-related fields	19,000	-	0.3	0.2	0.1	0.2	0.2	1.0	0.3	0.6	0.2	0.4	1.0

TABLE A-4. Standard errors for occupational category of employed U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		S&E occupations					S&E-related occupations					Non-S&E occupations
	Number	Percent	Computer/ mathematical scientists	Biological/ agricultural/ other life scientists	Physical/ related scientists	Social/ related scientists	Engineers	Health occupations	S&E managers	S&E precollege teachers	S&E technicians and technologists	Other S&E-related occupations	
Health	16,000	-	0.2	0.3	0.2	0.2	0.1	1.2	0.5	0.1	0.1	S	1.2
Science/mathematics teacher education	9,000	-	1.1	S	0.3	S	S	1.2	S	2.9	S	S	3.0
Technology/technical fields	4,000	-	4.3	S	S	S	3.1	S	2.3	S	1.1	S	5.2
Other S&E-related fields	6,000	-	S	S	S	2.3	1.0	S	S	S	S	3.4	3.5
Non-S&E fields	36,000	-	0.4	0.1	0.1	0.2	0.3	0.4	0.2	0.5	0.1	0.1	0.7
Arts/humanities	8,000	-	2.2	S	S	1.5	0.1	2.0	S	3.1	0.8	S	3.9
Education, except science/mathematics teacher education	22,000	-	0.4	0.1	0.1	0.3	0.2	0.8	0.2	1.3	S	S	1.5
Management/administration	22,000	-	0.7	0.1	0.1	0.3	0.6	0.5	0.5	0.3	0.3	0.1	1.1
Sales/marketing	7,000	-	1.8	S	S	2.2	1.4	S	S	S	S	S	3.0
Social services/related	12,000	-	0.6	S	S	0.7	0.2	1.0	0.7	0.5	0.1	S	1.6
Other non-S&E fields	11,000	-	1.1	0.7	0.1	0.7	0.6	1.4	0.7	0.9	0.5	S	2.3
Doctorate degrees	9,000	-	0.3	0.3	0.2	0.3	0.2	0.2	0.1	0.2	0.1	0.1	0.6
S&E fields	5,000	-	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.3
Sciences	4,000	-	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.3
Biological/agricultural/environmental life sciences	3,000	-	0.4	0.8	0.1	0.1	0.1	0.5	0.3	0.1	0.1	S	0.6
Agricultural sciences	1,000	-	0.1	2.4	0.1	S	0.1	0.1	0.1	S	S	S	2.4
Biological sciences	3,000	-	0.5	0.8	0.1	0.1	0.1	0.5	0.3	0.1	0.1	S	0.5
Environmental life sciences	500	-	S	0.1	0.1	0.1	0.1	S	0.1	S	S	S	0.1
Computer/mathematical sciences	2,000	-	1.5	0.1	0.1	0.1	1.0	0.1	0.1	0.1	0.1	0.1	1.2
Computer/information sciences	1,000	-	2.8	0.1	S	S	0.1	0.1	0.1	S	0.1	S	0.1
Mathematics/statistics	1,000	-	1.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.5
Physical/related sciences	2,000	-	0.4	0.5	0.8	0.1	0.5	0.1	0.4	0.1	0.1	S	0.7
Chemistry, except biochemistry	1,000	-	0.1	0.9	1.2	S	0.1	0.1	0.1	0.1	0.1	S	1.0
Earth/atmospheric/ocean sciences	1,000	-	0.1	0.1	1.9	S	0.1	S	0.1	0.1	S	S	0.1
Physics/astronomy	1,000	-	0.1	0.1	1.4	0.1	0.1	0.1	0.1	0.1	0.1	S	1.4
Other physical sciences	500	-	S	0.1	0.1	S	0.1	S	S	S	S	S	0.1
Social/related sciences	2,000	-	0.1	0.1	0.1	0.7	0.1	0.1	0.3	0.1	0.1	S	0.6
Economics	1,000	-	0.1	S	S	0.1	S	S	S	S	S	S	0.1
Political/related sciences	1,000	-	0.1	S	S	0.1	S	0.1	S	S	S	S	2.2
Psychology	1,000	-	0.1	0.1	S	0.9	0.1	0.1	0.5	S	S	S	0.7
Sociology/anthropology	1,000	-	0.1	0.1	S	1.6	S	0.1	0.1	S	S	S	1.6
Other social sciences	1,000	-	0.1	0.1	0.1	0.1	0.1	0.1	S	0.1	S	S	0.1
Engineering	2,000	-	0.6	0.4	0.1	0.1	0.9	0.1	0.1	0.1	0.1	S	0.7
Aerospace/aeronautical/astronautical engineering	1,000	-	0.1	S	S	S	0.1	S	0.1	S	S	S	0.1
Chemical engineering	1,000	-	0.1	0.1	0.1	S	3.0	0.1	0.1	0.1	0.1	S	2.5
Civil/architectural engineering	1,000	-	0.1	S	0.1	S	2.5	S	0.1	S	S	S	0.1
Electrical/computer engineering	1,000	-	1.4	S	0.1	S	1.8	0.1	0.1	S	0.1	S	1.3

TABLE A-4. Standard errors for occupational category of employed U.S. scientists and engineers, by level and field of highest degree: 2006
(Percent distribution)

Level and field of highest degree	All occupations		S&E occupations					S&E-related occupations					Non-S&E occupations
	Number	Percent	Computer/ mathematical scientists	Biological/ agricultural/ other life scientists	Physical/ related scientists	Social/ related scientists	Engineers	Health occupations	S&E managers	S&E precollege teachers	S&E technicians and technologists	Other S&E-related occupations	
Industrial engineering	500	-	0.1	S	S	S	0.1	S	0.1	S	S	S	0.1
Mechanical engineering	1,000	-	0.1	0.1	0.1	S	2.2	S	0.1	S	0.1	S	0.1
Other engineering	1,000	-	0.1	0.1	0.1	0.1	1.5	0.1	0.1	0.1	0.1	S	0.1
S&E-related fields	3,000	-	2.1	1.7	1.1	0.1	1.1	2.4	0.1	S	S	S	2.9
Health	2,000	-	1.7	2.1	0.1	0.1	0.1	2.6	0.1	S	S	S	2.3
Science/mathematics teacher education	1,000	-	9.1	S	S	S	S	S	S	S	S	S	8.9
Technology/technical fields	1,000	-	0.1	S	S	S	14.3	S	S	S	S	S	S
Other S&E-related fields	1,000	-	S	S	S	S	S	S	S	S	S	S	15.6
Non-S&E fields	7,000	-	0.9	0.4	S	1.1	0.7	1.1	S	1.6	S	S	2.3
Arts/humanities	3,000	-	3.3	S	S	S	S	S	S	S	S	S	4.8
Education, except science/mathematics teacher education	5,000	-	1.1	S	S	1.5	S	2.0	S	3.0	S	S	4.0
Management/administration	2,000	-	S	S	S	4.0	S	S	S	S	S	S	5.2
Sales/marketing	500	-	S	S	S	S	S	S	S	S	S	S	0.1
Social services/related	3,000	-	3.1	S	S	3.3	S	S	S	S	S	S	6.8
Other non-S&E fields	3,000	-	S	S	S	4.4	S	0.1	S	S	S	S	7.1

- = no value, standard errors are not calculated for proportions of 100%. 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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational 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; standard errors of percents are rounded up to the nearest tenth.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE A-5. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree and occupation: 2006

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
All degree fields and occupations	83,000	70,000	46,000	9,000
S&E occupations	43,000	32,000	20,000	5,000
Biological/agricultural/environmental life scientists	12,000	9,000	5,000	3,000
Computer/mathematical scientists	27,000	23,000	13,000	3,000
Physical scientists	9,000	7,000	4,000	2,000
Social scientists	12,000	7,000	9,000	2,000
Engineers	21,000	16,000	10,000	2,000
S&E-related occupations	45,000	35,000	24,000	3,000
Health occupations	35,000	29,000	15,000	2,000
S&E managers	13,000	10,000	8,000	1,000
S&E precollege teachers	19,000	12,000	14,000	2,000
S&E technologists/technicians	13,000	11,000	5,000	500
Other S&E-related occupations	9,000	8,000	5,000	500
Non-S&E occupations	73,000	61,000	41,000	7,000
Art/humanities/related occupations	15,000	11,000	8,000	1,000
Management-related occupations	31,000	25,000	17,000	3,000
Non-S&E managers	26,000	19,000	18,000	3,000
Non-S&E postsecondary teachers	7,000	4,000	5,000	3,000
Non-S&E precollege/other teachers	23,000	18,000	15,000	2,000
Sales/marketing occupations	32,000	29,000	15,000	2,000
Social services/related occupations	18,000	12,000	13,000	2,000
Other non-S&E occupations	45,000	36,000	18,000	2,000
Biological/agricultural/environmental life sciences degree fields	28,000	27,000	8,000	3,000
S&E occupations	12,000	11,000	5,000	2,000
Biological/agricultural/environmental life scientists	10,000	8,000	4,000	2,000
Computer/mathematical scientists	5,000	5,000	2,000	1,000
Physical scientists	4,000	3,000	1,000	500
Social scientists	1,000	1,000	500	500
Engineers	3,000	3,000	1,000	500
S&E-related occupations	13,000	12,000	4,000	1,000
Health occupations	10,000	10,000	3,000	1,000
S&E managers	2,000	2,000	1,000	1,000
S&E precollege teachers	6,000	6,000	2,000	500
S&E technologists/technicians	6,000	5,000	2,000	500
Other S&E-related occupations	1,000	S	S	S
Non-S&E occupations	23,000	22,000	6,000	1,000
Art/humanities/related occupations	4,000	4,000	2,000	500
Management-related occupations	9,000	8,000	2,000	500
Non-S&E managers	7,000	7,000	2,000	1,000
Non-S&E postsecondary teachers	1,000	1,000	500	500
Non-S&E precollege/other teachers	5,000	5,000	1,000	*
Sales/marketing occupations	11,000	11,000	3,000	500
Social services/related occupations	2,000	2,000	S	*
Other non-S&E occupations	15,000	15,000	3,000	1,000
Computer/mathematical science degree fields	23,000	21,000	10,000	2,000
S&E occupations	17,000	14,000	8,000	1,000
Biological/agricultural/environmental life scientists	1,000	500	500	*
Computer/mathematical scientists	16,000	14,000	7,000	1,000
Physical scientists	1,000	1,000	500	*
Social scientists	2,000	1,000	1,000	*
Engineers	4,000	3,000	2,000	1,000
S&E-related occupations	8,000	7,000	4,000	500
Health occupations	2,000	2,000	1,000	*

TABLE A-5. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree and occupation: 2006

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
S&E managers	5,000	4,000	3,000	500
S&E precollege teachers	5,000	4,000	2,000	*
S&E technologists/technicians	4,000	4,000	2,000	500
Other S&E-related occupations	3,000	3,000	1,000	*
Non-S&E occupations	18,000	16,000	7,000	1,000
Art/humanities/related occupations	4,000	3,000	S	*
Management-related occupations	8,000	7,000	4,000	500
Non-S&E managers	6,000	5,000	3,000	500
Non-S&E postsecondary teachers	1,000	1,000	1,000	500
Non-S&E precollege/other teachers	4,000	4,000	1,000	S
Sales/marketing occupations	8,000	7,000	3,000	500
Social services/related occupations	2,000	2,000	S	*
Other non-S&E occupations	10,000	9,000	2,000	*
Physical/related science degree fields	14,000	13,000	6,000	2,000
S&E occupations	9,000	8,000	4,000	2,000
Biological/agricultural/environmental life scientists	2,000	1,000	1,000	1,000
Computer/mathematical scientists	4,000	4,000	2,000	1,000
Physical scientists	7,000	6,000	3,000	2,000
Social scientists	500	500	*	*
Engineers	4,000	3,000	1,000	1,000
S&E-related occupations	6,000	5,000	3,000	1,000
Health occupations	3,000	3,000	1,000	500
S&E managers	2,000	1,000	1,000	1,000
S&E precollege teachers	4,000	3,000	2,000	500
S&E technologists/technicians	2,000	2,000	1,000	500
Other S&E-related occupations	1,000	S	S	S
Non-S&E occupations	11,000	11,000	4,000	1,000
Art/humanities/related occupations	2,000	1,000	S	500
Management-related occupations	6,000	5,000	2,000	1,000
Non-S&E managers	5,000	4,000	2,000	1,000
Non-S&E postsecondary teachers	500	500	S	*
Non-S&E precollege/other teachers	2,000	2,000	1,000	*
Sales/marketing occupations	5,000	5,000	1,000	1,000
Social services/related occupations	2,000	2,000	S	*
Other non-S&E occupations	6,000	6,000	2,000	500
Social/related science degree fields	50,000	46,000	17,000	2,000
S&E occupations	13,000	10,000	7,000	2,000
Biological/agricultural/environmental life scientists	3,000	3,000	1,000	500
Computer/mathematical scientists	8,000	8,000	3,000	500
Physical scientists	1,000	1,000	500	500
Social scientists	9,000	6,000	7,000	2,000
Engineers	3,000	3,000	1,000	500
S&E-related occupations	13,000	12,000	5,000	1,000
Health occupations	10,000	10,000	4,000	500
S&E managers	5,000	4,000	2,000	1,000
S&E precollege teachers	5,000	4,000	3,000	*
S&E technologists/technicians	4,000	4,000	1,000	*
Other S&E-related occupations	1,000	1,000	1,000	S
Non-S&E occupations	48,000	43,000	17,000	1,000
Art/humanities/related occupations	9,000	8,000	3,000	500
Management-related occupations	19,000	18,000	6,000	1,000
Non-S&E managers	14,000	12,000	7,000	1,000
Non-S&E postsecondary teachers	3,000	3,000	2,000	1,000
Non-S&E precollege/other teachers	14,000	13,000	5,000	500

TABLE A-5. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree and occupation: 2006

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
Sales/marketing occupations	20,000	20,000	6,000	500
Social services/related occupations	13,000	10,000	7,000	500
Other non-S&E occupations	28,000	26,000	7,000	500
Engineering degree fields	27,000	24,000	12,000	2,000
S&E occupations	21,000	17,000	9,000	2,000
Biological/agricultural/environmental life scientists	1,000	1,000	1,000	1,000
Computer/mathematical scientists	10,000	8,000	5,000	1,000
Physical scientists	2,000	1,000	1,000	500
Social scientists	1,000	1,000	1,000	*
Engineers	17,000	14,000	7,000	2,000
S&E-related occupations	9,000	8,000	3,000	1,000
Health occupations	2,000	2,000	1,000	500
S&E managers	6,000	5,000	2,000	500
S&E precollege teachers	2,000	2,000	1,000	500
S&E technologists/technicians	5,000	5,000	1,000	500
Other S&E-related occupations	3,000	2,000	2,000	S
Non-S&E occupations	18,000	17,000	6,000	1,000
Art/humanities/related occupations	2,000	2,000	1,000	*
Management-related occupations	7,000	6,000	3,000	1,000
Non-S&E managers	9,000	8,000	4,000	1,000
Non-S&E postsecondary teachers	1,000	500	1,000	500
Non-S&E precollege/other teachers	2,000	1,000	1,000	S
Sales/marketing occupations	7,000	7,000	3,000	500
Social services/related occupations	2,000	2,000	S	S
Other non-S&E occupations	10,000	10,000	2,000	500
S&E-related degree fields	43,000	38,000	19,000	3,000
S&E occupations	11,000	9,000	5,000	2,000
Biological/agricultural/environmental life scientists	4,000	2,000	2,000	1,000
Computer/mathematical scientists	7,000	6,000	3,000	1,000
Physical scientists	2,000	1,000	2,000	1,000
Social scientists	4,000	3,000	2,000	500
Engineers	5,000	5,000	2,000	1,000
S&E-related occupations	33,000	27,000	15,000	2,000
Health occupations	31,000	24,000	13,000	1,000
S&E managers	6,000	4,000	4,000	500
S&E precollege teachers	9,000	6,000	7,000	S
S&E technologists/technicians	4,000	4,000	2,000	S
Other S&E-related occupations	9,000	7,000	4,000	S
Non-S&E occupations	27,000	24,000	13,000	2,000
Art/humanities/related occupations	5,000	4,000	3,000	S
Management-related occupations	9,000	8,000	5,000	1,000
Non-S&E managers	9,000	7,000	4,000	1,000
Non-S&E postsecondary teachers	3,000	2,000	2,000	1,000
Non-S&E precollege/other teachers	10,000	8,000	6,000	S
Sales/marketing occupations	12,000	12,000	4,000	1,000
Social services/related occupations	6,000	4,000	4,000	500
Other non-S&E occupations	16,000	15,000	6,000	1,000
Non-S&E degree fields	47,000	28,000	36,000	7,000
S&E occupations	19,000	14,000	12,000	2,000
Biological/agricultural/environmental life scientists	4,000	3,000	2,000	1,000
Computer/mathematical scientists	16,000	13,000	8,000	1,000
Physical scientists	2,000	2,000	1,000	S
Social scientists	7,000	4,000	5,000	1,000
Engineers	8,000	4,000	7,000	1,000

TABLE A-5. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree and occupation: 2006

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
S&E-related occupations	22,000	17,000	16,000	2,000
Health occupations	14,000	11,000	9,000	1,000
S&E managers	7,000	5,000	6,000	S
S&E precollege teachers	14,000	8,000	11,000	2,000
S&E technologists/technicians	6,000	6,000	3,000	S
Other S&E-related occupations	3,000	3,000	1,000	S
Non-S&E occupations	38,000	16,000	32,000	6,000
Art/humanities/related occupations	7,000	4,000	5,000	500
Management-related occupations	16,000	7,000	14,000	3,000
Non-S&E managers	15,000	5,000	14,000	3,000
Non-S&E postsecondary teachers	6,000	1,000	4,000	3,000
Non-S&E precollege/other teachers	14,000	6,000	13,000	2,000
Sales/marketing occupations	13,000	6,000	11,000	2,000
Social services/related occupations	11,000	2,000	11,000	2,000
Other non-S&E occupations	24,000	8,000	14,000	2,000

* = standard error is not calculated when estimate is less than 500; 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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational 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.

TABLE A-6. Standard errors for employed U.S. scientists and engineers reporting one or more disabilities, by level and field of highest degree and occupational category: 2006

Level and field of highest degree and occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
All levels, fields, and occupations[a]	23,000	16,000	17,000	10,000	11,000
S&E occupations	10,000	7,000	6,000	4,000	3,000
S&E-related occupations	12,000	7,000	9,000	5,000	6,000
Non-S&E occupations	18,000	13,000	13,000	8,000	9,000
Biological/agricultural/environmental life sciences degree fields	8,000	6,000	5,000	3,000	3,000
S&E occupations	3,000	2,000	2,000	1,000	1,000
S&E-related occupations	3,000	2,000	3,000	1,000	2,000
Non-S&E occupations	7,000	5,000	4,000	3,000	3,000
Computer/mathematical science degree fields	6,000	3,000	5,000	3,000	3,000
S&E occupations	4,000	2,000	3,000	2,000	2,000
S&E-related occupations	2,000	1,000	2,000	S	S
Non-S&E occupations	4,000	2,000	2,000	2,000	3,000
Physical/related science degree fields	4,000	3,000	2,000	1,000	1,000
S&E occupations	2,000	2,000	1,000	1,000	500
S&E-related occupations	1,000	1,000	1,000	*	*
Non-S&E occupations	3,000	2,000	2,000	1,000	1,000
Social/related science degree fields	14,000	9,000	9,000	6,000	7,000
S&E occupations	3,000	2,000	2,000	1,000	1,000
S&E-related occupations	4,000	2,000	2,000	2,000	3,000
Non-S&E occupations	12,000	8,000	8,000	5,000	6,000
Engineering degree fields	7,000	5,000	5,000	3,000	3,000
S&E occupations	5,000	3,000	4,000	2,000	2,000
S&E-related occupations	2,000	2,000	2,000	1,000	1,000
Non-S&E occupations	4,000	3,000	3,000	2,000	3,000
S&E-related fields	12,000	7,000	8,000	5,000	5,000
S&E occupations	3,000	2,000	2,000	1,000	2,000
S&E-related occupations	8,000	6,000	7,000	4,000	4,000
Non-S&E occupations	7,000	4,000	5,000	3,000	3,000
Non-S&E degree fields	13,000	8,000	9,000	6,000	6,000
S&E occupations	5,000	4,000	4,000	2,000	2,000
S&E-related occupations	6,000	3,000	4,000	3,000	3,000
Non-S&E occupations	10,000	6,000	7,000	5,000	5,000
Bachelor's degrees	19,000	13,000	14,000	8,000	9,000
S&E occupations	9,000	6,000	6,000	3,000	3,000
S&E-related occupations	10,000	6,000	7,000	4,000	6,000
Non-S&E occupations	14,000	10,000	11,000	7,000	7,000
Biological/agricultural/environmental life sciences degree fields	7,000	5,000	5,000	3,000	3,000
S&E occupations	2,000	1,000	1,000	1,000	500
S&E-related occupations	3,000	2,000	2,000	S	2,000
Non-S&E occupations	6,000	5,000	4,000	2,000	3,000
Computer/mathematical science degree fields	6,000	3,000	4,000	3,000	3,000
S&E occupations	4,000	2,000	3,000	2,000	2,000
S&E-related occupations	2,000	1,000	2,000	S	S
Non-S&E occupations	4,000	2,000	2,000	2,000	3,000
Physical/related science degree fields	3,000	3,000	2,000	1,000	1,000
S&E occupations	2,000	1,000	1,000	500	500
S&E-related occupations	1,000	1,000	S	S	S
Non-S&E occupations	2,000	2,000	2,000	S	S
Social/related science degree fields	13,000	8,000	8,000	5,000	6,000
S&E occupations	2,000	1,000	1,000	1,000	1,000

TABLE A-6. Standard errors for employed U.S. scientists and engineers reporting one or more disabilities, by level and field of highest degree and occupational category: 2006

Level and field of highest degree and occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
S&E-related occupations	4,000	2,000	2,000	2,000	2,000
Non-S&E occupations	11,000	8,000	8,000	5,000	5,000
Engineering degree fields	7,000	4,000	4,000	2,000	3,000
S&E occupations	4,000	3,000	3,000	1,000	1,000
S&E-related occupations	2,000	1,000	2,000	1,000	1,000
Non-S&E occupations	4,000	3,000	3,000	2,000	2,000
S&E-related fields	9,000	5,000	6,000	4,000	5,000
S&E occupations	3,000	1,000	2,000	1,000	1,000
S&E-related occupations	6,000	4,000	5,000	3,000	4,000
Non-S&E occupations	6,000	3,000	4,000	3,000	3,000
Non-S&E degree fields	8,000	5,000	6,000	3,000	3,000
S&E occupations	4,000	3,000	4,000	1,000	1,000
S&E-related occupations	5,000	2,000	3,000	2,000	2,000
Non-S&E occupations	3,000	2,000	2,000	1,000	1,000
Master's degrees	13,000	8,000	9,000	6,000	6,000
S&E occupations	5,000	3,000	3,000	2,000	2,000
S&E-related occupations	6,000	4,000	4,000	3,000	3,000
Non-S&E occupations	10,000	6,000	7,000	5,000	5,000
Biological/agricultural/environmental life sciences degree fields	3,000	2,000	2,000	1,000	1,000
S&E occupations	2,000	1,000	1,000	1,000	S
S&E-related occupations	1,000	S	1,000	S	S
Non-S&E occupations	2,000	2,000	1,000	S	1,000
Computer/mathematical science degree fields	2,000	1,000	2,000	1,000	1,000
S&E occupations	2,000	1,000	1,000	1,000	1,000
S&E-related occupations	1,000	500	1,000	S	S
Non-S&E occupations	2,000	S	1,000	S	1,000
Physical/related science degree fields	2,000	2,000	1,000	500	1,000
S&E occupations	1,000	1,000	500	*	*
S&E-related occupations	1,000	S	S	S	S
Non-S&E occupations	1,000	S	S	S	S
Social/related science degree fields	5,000	3,000	4,000	3,000	3,000
S&E occupations	2,000	1,000	1,000	1,000	1,000
S&E-related occupations	1,000	S	1,000	S	S
Non-S&E occupations	5,000	3,000	3,000	2,000	2,000
Engineering degree fields	3,000	2,000	2,000	1,000	2,000
S&E occupations	2,000	2,000	2,000	1,000	1,000
S&E-related occupations	1,000	S	500	S	S
Non-S&E occupations	2,000	1,000	1,000	S	1,000
S&E-related fields	5,000	3,000	3,000	3,000	2,000
S&E occupations	1,000	1,000	500	S	S
S&E-related occupations	4,000	3,000	3,000	2,000	1,000
Non-S&E occupations	4,000	2,000	2,000	2,000	2,000
Non-S&E degree fields	9,000	5,000	6,000	4,000	5,000
S&E occupations	2,000	2,000	1,000	1,000	1,000
S&E-related occupations	4,000	3,000	3,000	2,000	3,000
Non-S&E occupations	7,000	4,000	5,000	3,000	4,000
Doctorate degrees	3,000	3,000	2,000	1,000	1,000
S&E occupations	2,000	2,000	1,000	1,000	1,000
S&E-related occupations	500	500	500	500	500
Non-S&E occupations	2,000	2,000	1,000	1,000	1,000

TABLE A-6. Standard errors for employed U.S. scientists and engineers reporting one or more disabilities, by level and field of highest degree and occupational category: 2006

Level and field of highest degree and occupational category	Type of disability				
	Total with disability	Hearing	Seeing	Walking	Lifting
Biological/agricultural/environmental life sciences degree fields	1,000	500	1,000	500	500
S&E occupations	1,000	500	500	500	500
S&E-related occupations	500	500	500	*	*
Non-S&E occupations	500	500	500	*	*
Computer/mathematical science degree fields	1,000	500	500	500	500
S&E occupations	1,000	500	500	500	500
S&E-related occupations	S	S	S	S	S
Non-S&E occupations	*	*	S	S	S
Physical/related science degree fields	1,000	500	500	500	500
S&E occupations	500	500	500	500	500
S&E-related occupations	500	*	*	*	S
Non-S&E occupations	500	*	500	*	*
Social/related science degree fields	1,000	500	500	500	500
S&E occupations	1,000	500	500	500	500
S&E-related occupations	*	*	*	S	*
Non-S&E occupations	500	500	500	500	500
Engineering degree fields	1,000	1,000	500	500	500
S&E occupations	1,000	500	500	500	500
S&E-related occupations	*	S	*	S	S
Non-S&E occupations	500	*	*	*	*
S&E-related fields	1,000	500	500	*	500
S&E occupations	500	500	*	S	S
S&E-related occupations	500	*	*	*	*
Non-S&E occupations	*	S	*	*	*
Non-S&E degree fields	3,000	2,000	2,000	1,000	1,000
S&E occupations	1,000	S	1,000	S	S
S&E-related occupations	S	S	S	S	S
Non-S&E occupations	2,000	2,000	1,000	1,000	1,000

* = standard error is not calculated when estimate is less than 500; 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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational 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. The SESTAT surveys ask the degree of difficulty—none, slight, moderate, severe, unable to do—an individual has in seeing (with glasses/contact lenses), hearing (with hearing aid), walking without assistance, or lifting 10 pounds. Those respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

TABLE A-7. Standard errors for U.S. scientists and engineers, by field and level of highest degree: 2006

Field of highest degree	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
All degree fields	91,000	76,000	51,000	10,000
S&E fields	73,000	68,000	30,000	5,000
Sciences	68,000	65,000	27,000	4,000
Biological/agricultural/environmental life sciences	30,000	29,000	9,000	3,000
Agricultural/food sciences	14,000	13,000	3,000	1,000
Animal sciences	10,000	10,000	1,000	500
Food sciences/technology	5,000	4,000	2,000	500
Plant sciences	7,000	6,000	2,000	1,000
Other agricultural sciences	6,000	6,000	2,000	500
Biological sciences	25,000	25,000	8,000	3,000
Biochemistry/biophysics	7,000	6,000	2,000	2,000
Biology, general	20,000	20,000	4,000	1,000
Botany	5,000	4,000	2,000	500
Cell/molecular biology	5,000	4,000	2,000	1,000
Ecology	5,000	4,000	3,000	500
Genetics, animal/plant	3,000	2,000	1,000	1,000
Microbiological sciences/immunology	8,000	7,000	3,000	1,000
Nutritional science	6,000	5,000	3,000	500
Pharmacology, human/animal	2,000	2,000	2,000	1,000
Physiology/pathology/human/animal	5,000	4,000	2,000	1,000
Zoology, general	6,000	6,000	2,000	1,000
Other biological sciences	7,000	6,000	3,000	1,000
Environmental life sciences	10,000	9,000	4,000	500
Environmental science studies	8,000	7,000	3,000	500
Forestry sciences	7,000	6,000	3,000	500
Computer/mathematical sciences	25,000	23,000	12,000	2,000
Computer/information sciences	18,000	15,000	10,000	1,000
Computer/information sciences	10,000	8,000	5,000	500
Computer science	20,000	19,000	7,000	1,000
Computer systems analysis	6,000	6,000	2,000	S
Information services/systems	9,000	8,000	4,000	S
Other computer/information sciences	9,000	8,000	3,000	S
Mathematics/statistics	18,000	17,000	6,000	1,000
Applied mathematics	8,000	8,000	2,000	1,000
Mathematics, general	14,000	14,000	4,000	500
Operations research	4,000	2,000	2,000	500
Statistics	4,000	3,000	2,000	500
Other mathematics	4,000	3,000	1,000	500
Physical/related sciences	16,000	15,000	7,000	2,000
Chemistry, except biochemistry	13,000	11,000	4,000	2,000
Earth/atmospheric/ocean sciences	10,000	8,000	4,000	1,000
Atmospheric sciences/meteorology	2,000	2,000	1,000	500
Earth sciences	4,000	3,000	1,000	S
Geology	8,000	7,000	3,000	500
Other geological sciences	2,000	1,000	1,000	500
Oceanography	2,000	2,000	1,000	500
Physics/astronomy	7,000	7,000	3,000	1,000
Astronomy/astrophysics	1,000	1,000	1,000	500
Physics	7,000	7,000	3,000	1,000
Other physical sciences	5,000	5,000	1,000	500

TABLE A-7. Standard errors for U.S. scientists and engineers, by field and level of highest degree: 2006

Field of highest degree	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
Social/related sciences	54,000	50,000	20,000	2,000
Economics	21,000	20,000	7,000	1,000
Agricultural economics	9,000	9,000	3,000	500
Economics	19,000	18,000	6,000	1,000
Political/related sciences	25,000	23,000	9,000	1,000
Public policy studies	4,000	2,000	4,000	500
International relations	9,000	8,000	4,000	500
Political science/government	23,000	23,000	6,000	1,000
Psychology	31,000	27,000	15,000	1,000
Educational psychology	9,000	6,000	7,000	1,000
Clinical psychology	8,000	6,000	5,000	1,000
Counseling psychology	13,000	8,000	11,000	500
Experimental psychology	5,000	5,000	1,000	500
Psychology, general	22,000	22,000	5,000	500
Industrial/organizational psychology	7,000	5,000	4,000	500
Social psychology	6,000	6,000	1,000	500
Other psychology	10,000	10,000	4,000	1,000
Sociology/anthropology	23,000	23,000	5,000	1,000
Anthropology/archeology	9,000	9,000	3,000	500
Criminology	8,000	8,000	2,000	500
Sociology	21,000	21,000	4,000	500
Other social sciences	18,000	16,000	6,000	1,000
Area/ethnic studies	8,000	7,000	3,000	500
Linguistics	4,000	4,000	2,000	500
Philosophy of science	5,000	5,000	S	S
Geography	9,000	8,000	3,000	500
History of science	4,000	4,000	S	500
Other social sciences	12,000	11,000	4,000	500
Engineering	32,000	29,000	13,000	2,000
Aerospace/related engineering	6,000	6,000	2,000	1,000
Chemical engineering	8,000	7,000	3,000	1,000
Civil/architectural engineering	11,000	10,000	5,000	1,000
Architectural engineering	4,000	4,000	2,000	S
Civil engineering	11,000	9,000	5,000	1,000
Electrical/computer engineering	15,000	13,000	8,000	1,000
Computer/systems engineering	7,000	6,000	4,000	500
Other electrical/related engineering	15,000	13,000	7,000	1,000
Industrial engineering	9,000	9,000	3,000	500
Mechanical engineering	14,000	13,000	4,000	1,000
Other engineering	13,000	11,000	6,000	1,000
Agricultural engineering	4,000	3,000	1,000	500
Bioengineering/biomedical engineering	3,000	2,000	2,000	500
Engineering science, mechanical/physics	3,000	3,000	2,000	500
Environmental engineering	4,000	3,000	2,000	500
Engineering, general	5,000	5,000	2,000	500
Geophysical/geological engineering	2,000	2,000	1,000	S
Materials engineering	4,000	3,000	2,000	500
Metallurgical engineering	3,000	3,000	1,000	500
Mining/minerals engineering	4,000	3,000	1,000	500
Naval architecture/marine engineering	2,000	2,000	500	S
Nuclear engineering	1,000	1,000	1,000	500

TABLE A-7. Standard errors for U.S. scientists and engineers, by field and level of highest degree: 2006

Field of highest degree	Level of highest degree			
	All degree levels[a]	Bachelor's	Master's	Doctorate
Petroleum engineering	3,000	3,000	1,000	*
Other engineering	5,000	4,000	3,000	500
S&E-related fields	46,000	41,000	21,000	3,000
Health	40,000	35,000	16,000	2,000
Audiology/speech pathology	10,000	7,000	7,000	500
Health services administration	11,000	8,000	8,000	500
Health/medical assistants	2,000	2,000	1,000	S
Health/medical technologies	8,000	8,000	2,000	S
Medical preparatory programs	5,000	5,000	1,000	S
Medicine	20,000	6,000	3,000	2,000
Nursing	25,000	25,000	9,000	500
Pharmacy	10,000	9,000	2,000	500
Physical therapy/other rehabilitation/therapeutic services	15,000	13,000	8,000	1,000
Public health	9,000	5,000	7,000	1,000
Other health/medical sciences	14,000	12,000	7,000	1,000
Science/mathematics teacher education	18,000	13,000	10,000	2,000
Computer teacher education	5,000	2,000	5,000	S
Mathematics teacher education	10,000	8,000	6,000	1,000
Science teacher education	9,000	7,000	5,000	1,000
Social science teacher education	10,000	8,000	5,000	500
Technology/technical fields	14,000	13,000	5,000	1,000
Computer programming	6,000	5,000	2,000	S
Data processing	2,000	2,000	S	S
Electrical/electronic technologies	5,000	5,000	1,000	500
Industrial production technologies	10,000	9,000	3,000	S
Mechanical engineering-related technologies	5,000	4,000	1,000	S
Other engineering-related technologies	7,000	6,000	3,000	1,000
Other S&E-related fields	15,000	12,000	7,000	1,000
Architecture/Environmental Design	14,000	12,000	7,000	1,000
Actuarial science	3,000	3,000	S	S
Non-S&E fields	53,000	29,000	41,000	7,000
Arts/humanities	14,000	12,000	9,000	3,000
Education, except science/mathematics teacher education	27,000	11,000	25,000	6,000
Management/administration	30,000	18,000	24,000	3,000
Sales/marketing	10,000	6,000	8,000	500
Social services/related	15,000	5,000	13,000	3,000
Other non-S&E fields	26,000	11,000	13,000	3,000

* = standard error is not calculated when estimate is less than 500; S = standard error is not calculated when estimate is surpressed 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. 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.

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
All degree levels and fields[a]	91,000	83,000	81,000	41,000	16,000	41,000	34,000	28,000
Male	66,000	61,000	59,000	21,000	11,000	26,000	24,000	11,000
Female	59,000	53,000	50,000	35,000	11,000	33,000	22,000	27,000
S&E fields	73,000	66,000	65,000	26,000	13,000	33,000	25,000	23,000
Male	58,000	53,000	50,000	15,000	10,000	21,000	20,000	9,000
Female	43,000	37,000	35,000	22,000	9,000	26,000	14,000	22,000
Sciences	68,000	63,000	59,000	25,000	13,000	31,000	22,000	23,000
Male	50,000	47,000	43,000	14,000	9,000	18,000	16,000	9,000
Female	43,000	38,000	35,000	22,000	8,000	25,000	14,000	21,000
Biological/agricultural/environmental life sciences	30,000	28,000	25,000	11,000	5,000	13,000	9,000	10,000
Male	21,000	20,000	19,000	6,000	4,000	8,000	7,000	4,000
Female	20,000	18,000	16,000	9,000	3,000	9,000	5,000	9,000
Agricultural/food sciences	14,000	13,000	11,000	4,000	2,000	5,000	4,000	2,000
Male	10,000	9,000	9,000	2,000	2,000	4,000	4,000	1,000
Female	8,000	8,000	7,000	3,000	2,000	2,000	1,000	2,000
Biological sciences	25,000	24,000	22,000	9,000	4,000	11,000	7,000	9,000
Male	17,000	16,000	16,000	5,000	3,000	7,000	5,000	4,000
Female	18,000	16,000	14,000	8,000	3,000	9,000	5,000	8,000
Environmental life sciences	10,000	9,000	9,000	3,000	2,000	4,000	3,000	2,000
Male	9,000	8,000	7,000	2,000	2,000	3,000	3,000	1,000
Female	6,000	5,000	5,000	2,000	500	2,000	1,000	1,000
Computer/mathematical sciences	25,000	23,000	22,000	9,000	5,000	11,000	7,000	8,000
Male	18,000	17,000	17,000	5,000	4,000	7,000	6,000	3,000
Female	18,000	15,000	13,000	7,000	3,000	8,000	4,000	7,000
Computer/information sciences	18,000	17,000	16,000	6,000	4,000	7,000	4,000	5,000
Male	14,000	14,000	13,000	3,000	4,000	3,000	3,000	2,000
Female	11,000	10,000	9,000	5,000	2,000	5,000	2,000	5,000
Mathematical sciences	18,000	16,000	14,000	7,000	2,000	8,000	7,000	6,000
Male	13,000	11,000	11,000	3,000	2,000	6,000	6,000	3,000
Female	12,000	10,000	8,000	5,000	2,000	7,000	4,000	5,000
Physical/related sciences	16,000	14,000	13,000	5,000	3,000	8,000	7,000	4,000
Male	14,000	13,000	13,000	3,000	3,000	6,000	6,000	2,000
Female	9,000	8,000	7,000	3,000	2,000	5,000	4,000	4,000
Chemistry, except biochemistry	13,000	11,000	10,000	4,000	2,000	6,000	5,000	3,000
Male	10,000	9,000	9,000	2,000	1,000	4,000	4,000	1,000
Female	7,000	5,000	5,000	3,000	2,000	4,000	3,000	3,000

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Earth/atmospheric/ocean sciences	10,000	8,000	8,000	2,000	2,000	4,000	4,000	2,000
Male	9,000	7,000	7,000	2,000	2,000	3,000	3,000	2,000
Female	4,000	4,000	3,000	1,000	500	2,000	2,000	1,000
Physics/astronomy	7,000	6,000	6,000	3,000	1,000	4,000	3,000	1,000
Male	6,000	5,000	5,000	2,000	1,000	3,000	3,000	1,000
Female	3,000	2,000	2,000	2,000	500	1,000	1,000	1,000
Other physical sciences	5,000	5,000	5,000	1,000	500	2,000	2,000	1,000
Male	4,000	4,000	4,000	500	S	1,000	1,000	S
Female	4,000	3,000	3,000	1,000	S	2,000	2,000	1,000
Social/related sciences	54,000	50,000	46,000	21,000	9,000	23,000	16,000	19,000
Male	37,000	35,000	33,000	11,000	6,000	12,000	11,000	6,000
Female	38,000	33,000	30,000	18,000	7,000	20,000	13,000	17,000
Economics	21,000	19,000	19,000	8,000	3,000	8,000	5,000	6,000
Male	18,000	18,000	17,000	5,000	2,000	5,000	5,000	2,000
Female	12,000	10,000	9,000	6,000	1,000	6,000	3,000	5,000
Political/related sciences	25,000	22,000	20,000	8,000	4,000	10,000	7,000	7,000
Male	20,000	17,000	16,000	5,000	3,000	7,000	6,000	4,000
Female	15,000	13,000	11,000	6,000	3,000	7,000	3,000	6,000
Psychology	31,000	26,000	23,000	14,000	6,000	15,000	10,000	11,000
Male	17,000	15,000	14,000	6,000	3,000	7,000	6,000	3,000
Female	25,000	21,000	19,000	13,000	5,000	13,000	8,000	11,000
Sociology/anthropology	23,000	20,000	18,000	9,000	5,000	12,000	8,000	9,000
Male	14,000	13,000	13,000	4,000	3,000	5,000	4,000	3,000
Female	20,000	16,000	14,000	9,000	4,000	11,000	7,000	9,000
Other social sciences	18,000	15,000	14,000	7,000	3,000	8,000	6,000	5,000
Male	12,000	11,000	10,000	4,000	2,000	4,000	4,000	1,000
Female	14,000	12,000	10,000	6,000	2,000	7,000	4,000	5,000
Engineering	32,000	27,000	27,000	7,000	4,000	13,000	12,000	6,000
Male	30,000	27,000	26,000	6,000	4,000	12,000	12,000	4,000
Female	10,000	9,000	8,000	4,000	2,000	5,000	2,000	4,000
Aerospace/related engineering	6,000	6,000	5,000	2,000	500	2,000	2,000	1,000
Male	6,000	5,000	5,000	2,000	500	2,000	2,000	1,000
Female	2,000	2,000	1,000	1,000	S	500	S	500
Chemical engineering	8,000	7,000	6,000	2,000	1,000	4,000	4,000	2,000
Male	7,000	6,000	6,000	1,000	1,000	4,000	4,000	1,000
Female	3,000	3,000	3,000	1,000	500	1,000	500	1,000

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Civil/architectural engineering	11,000	11,000	10,000	3,000	1,000	4,000	4,000	1,000
Male	11,000	11,000	10,000	2,000	1,000	4,000	4,000	1,000
Female	4,000	4,000	3,000	2,000	1,000	1,000	1,000	1,000
Electrical/computer engineering	15,000	14,000	13,000	4,000	2,000	7,000	6,000	3,000
Male	14,000	13,000	13,000	3,000	2,000	6,000	6,000	2,000
Female	6,000	5,000	5,000	2,000	1,000	2,000	1,000	2,000
Industrial engineering	9,000	8,000	7,000	3,000	2,000	5,000	4,000	2,000
Male	8,000	7,000	6,000	2,000	2,000	4,000	4,000	2,000
Female	4,000	3,000	3,000	1,000	1,000	2,000	S	2,000
Mechanical engineering	14,000	13,000	12,000	4,000	2,000	7,000	6,000	2,000
Male	14,000	13,000	12,000	3,000	2,000	6,000	6,000	2,000
Female	4,000	3,000	3,000	1,000	1,000	2,000	1,000	2,000
Other engineering	13,000	11,000	10,000	3,000	2,000	6,000	5,000	3,000
Male	12,000	10,000	10,000	3,000	1,000	5,000	5,000	1,000
Female	4,000	3,000	3,000	2,000	1,000	3,000	1,000	2,000
S&E-related fields	46,000	43,000	37,000	23,000	6,000	19,000	15,000	13,000
Male	28,000	27,000	26,000	9,000	3,000	11,000	10,000	4,000
Female	35,000	33,000	29,000	22,000	5,000	17,000	13,000	13,000
Health	40,000	35,000	31,000	22,000	5,000	17,000	13,000	13,000
Male	21,000	20,000	19,000	8,000	2,000	7,000	7,000	3,000
Female	33,000	30,000	27,000	22,000	5,000	16,000	11,000	13,000
Science/mathematics teacher education	18,000	16,000	13,000	8,000	2,000	8,000	7,000	4,000
Male	11,000	10,000	8,000	4,000	S	5,000	5,000	1,000
Female	13,000	12,000	9,000	6,000	1,000	6,000	5,000	4,000
Technology/technical fields	14,000	13,000	13,000	4,000	2,000	5,000	4,000	3,000
Male	14,000	13,000	12,000	3,000	2,000	4,000	4,000	2,000
Female	5,000	5,000	4,000	2,000	S	2,000	2,000	2,000
Other S&E-related fields	15,000	14,000	13,000	5,000	2,000	4,000	3,000	3,000
Male	12,000	12,000	11,000	4,000	1,000	3,000	3,000	S
Female	7,000	7,000	6,000	4,000	S	3,000	1,000	3,000
Non-S&E fields	53,000	47,000	42,000	18,000	7,000	21,000	16,000	12,000
Male	36,000	34,000	32,000	11,000	5,000	14,000	13,000	4,000
Female	37,000	32,000	28,000	15,000	5,000	15,000	9,000	11,000
Arts/humanities	14,000	13,000	12,000	6,000	2,000	5,000	3,000	4,000
Male	11,000	10,000	9,000	3,000	2,000	3,000	2,000	2,000
Female	11,000	10,000	8,000	5,000	2,000	3,000	3,000	3,000

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Education, except science/mathematics teacher education	27,000	24,000	22,000	11,000	4,000	12,000	10,000	7,000
Male	17,000	16,000	15,000	5,000	1,000	8,000	7,000	1,000
Female	22,000	19,000	17,000	10,000	3,000	10,000	6,000	7,000
Management/administration	30,000	27,000	26,000	8,000	5,000	11,000	8,000	6,000
Male	23,000	21,000	21,000	5,000	4,000	7,000	7,000	1,000
Female	16,000	14,000	13,000	6,000	3,000	7,000	3,000	6,000
Sales/marketing	10,000	9,000	8,000	2,000	2,000	3,000	2,000	3,000
Male	8,000	7,000	7,000	2,000	S	1,000	1,000	S
Female	6,000	5,000	5,000	2,000	S	3,000	S	3,000
Social services/related	15,000	14,000	12,000	7,000	2,000	5,000	4,000	3,000
Male	11,000	10,000	9,000	4,000	1,000	4,000	4,000	1,000
Female	10,000	10,000	9,000	6,000	1,000	3,000	2,000	2,000
Other non-S&E fields	26,000	25,000	23,000	9,000	3,000	9,000	7,000	5,000
Male	19,000	18,000	17,000	6,000	2,000	7,000	6,000	3,000
Female	18,000	18,000	16,000	8,000	2,000	6,000	5,000	4,000
Bachelor's degrees	76,000	70,000	68,000	33,000	13,000	33,000	28,000	24,000
Male	56,000	50,000	49,000	16,000	9,000	21,000	19,000	9,000
Female	50,000	45,000	42,000	29,000	9,000	27,000	18,000	23,000
S&E fields	68,000	61,000	60,000	24,000	12,000	31,000	23,000	21,000
Male	52,000	47,000	46,000	14,000	9,000	20,000	18,000	9,000
Female	40,000	35,000	32,000	21,000	8,000	24,000	14,000	20,000
Sciences	65,000	60,000	57,000	23,000	12,000	29,000	21,000	22,000
Male	47,000	44,000	42,000	13,000	8,000	16,000	15,000	8,000
Female	40,000	35,000	33,000	21,000	8,000	24,000	13,000	20,000
Biological/agricultural/environmental life sciences	29,000	27,000	24,000	10,000	5,000	12,000	8,000	9,000
Male	20,000	19,000	18,000	6,000	4,000	8,000	6,000	4,000
Female	20,000	18,000	16,000	9,000	3,000	9,000	4,000	8,000
Agricultural/food sciences	13,000	12,000	11,000	4,000	2,000	5,000	4,000	2,000
Male	10,000	9,000	9,000	2,000	2,000	4,000	4,000	1,000
Female	8,000	8,000	7,000	3,000	2,000	2,000	S	2,000
Biological sciences	25,000	23,000	21,000	9,000	4,000	10,000	6,000	8,000
Male	16,000	15,000	15,000	5,000	3,000	6,000	4,000	4,000
Female	17,000	16,000	14,000	8,000	3,000	8,000	4,000	7,000
Environmental life sciences	9,000	8,000	8,000	2,000	2,000	3,000	3,000	2,000
Male	8,000	7,000	6,000	1,000	2,000	3,000	3,000	500
Female	5,000	5,000	5,000	2,000	500	1,000	S	1,000

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Computer/mathematical sciences	23,000	21,000	20,000	9,000	5,000	10,000	6,000	7,000
Male	17,000	16,000	15,000	4,000	4,000	6,000	5,000	3,000
Female	16,000	14,000	12,000	7,000	3,000	8,000	4,000	7,000
Computer/information sciences	15,000	15,000	14,000	6,000	4,000	6,000	3,000	5,000
Male	13,000	12,000	12,000	3,000	4,000	3,000	2,000	2,000
Female	10,000	9,000	9,000	5,000	2,000	5,000	1,000	5,000
Mathematical sciences	17,000	15,000	14,000	6,000	2,000	8,000	6,000	5,000
Male	12,000	11,000	10,000	3,000	1,000	6,000	5,000	3,000
Female	12,000	9,000	8,000	5,000	1,000	6,000	3,000	5,000
Physical/related sciences	15,000	13,000	12,000	4,000	3,000	8,000	7,000	4,000
Male	12,000	12,000	12,000	3,000	3,000	6,000	6,000	2,000
Female	9,000	7,000	7,000	3,000	2,000	5,000	4,000	3,000
Chemistry, except biochemistry	11,000	10,000	9,000	3,000	2,000	6,000	5,000	3,000
Male	9,000	8,000	8,000	2,000	1,000	4,000	4,000	1,000
Female	6,000	5,000	5,000	3,000	2,000	4,000	3,000	3,000
Earth/atmospheric/ocean sciences	8,000	7,000	7,000	2,000	2,000	4,000	3,000	2,000
Male	7,000	6,000	6,000	2,000	2,000	3,000	3,000	2,000
Female	4,000	3,000	3,000	1,000	*	2,000	S	1,000
Physics/astronomy	7,000	6,000	5,000	2,000	1,000	3,000	3,000	1,000
Male	6,000	5,000	5,000	1,000	1,000	3,000	3,000	500
Female	2,000	2,000	1,000	1,000	S	1,000	S	1,000
Other physical sciences	5,000	4,000	4,000	1,000	S	2,000	2,000	1,000
Male	4,000	3,000	3,000	S	S	S	S	S
Female	4,000	3,000	3,000	1,000	S	2,000	2,000	1,000
Social/related sciences	50,000	46,000	43,000	20,000	9,000	22,000	14,000	18,000
Male	34,000	32,000	31,000	10,000	6,000	11,000	10,000	6,000
Female	34,000	29,000	27,000	18,000	6,000	19,000	11,000	16,000
Economics	20,000	19,000	18,000	7,000	3,000	8,000	5,000	6,000
Male	17,000	17,000	16,000	5,000	2,000	5,000	4,000	2,000
Female	11,000	9,000	8,000	5,000	1,000	6,000	3,000	5,000
Political/related sciences	23,000	20,000	18,000	7,000	4,000	10,000	7,000	7,000
Male	18,000	16,000	15,000	4,000	3,000	7,000	6,000	4,000
Female	14,000	11,000	10,000	6,000	3,000	7,000	3,000	6,000
Psychology	27,000	23,000	21,000	12,000	5,000	12,000	7,000	11,000
Male	15,000	14,000	13,000	5,000	3,000	6,000	5,000	2,000
Female	22,000	18,000	17,000	11,000	5,000	11,000	6,000	10,000

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Sociology/anthropology	23,000	21,000	18,000	9,000	5,000	11,000	8,000	9,000
Male	13,000	13,000	12,000	4,000	3,000	5,000	4,000	3,000
Female	20,000	17,000	14,000	9,000	4,000	10,000	6,000	9,000
Other social sciences	16,000	14,000	13,000	6,000	2,000	7,000	5,000	5,000
Male	11,000	10,000	9,000	4,000	2,000	4,000	4,000	1,000
Female	13,000	11,000	10,000	6,000	2,000	6,000	4,000	5,000
Engineering	29,000	24,000	24,000	7,000	4,000	11,000	10,000	5,000
Male	27,000	23,000	23,000	6,000	3,000	11,000	10,000	3,000
Female	9,000	8,000	7,000	4,000	2,000	4,000	2,000	4,000
Aerospace/related engineering	6,000	5,000	5,000	2,000	500	2,000	2,000	1,000
Male	6,000	5,000	4,000	1,000	500	2,000	2,000	1,000
Female	2,000	2,000	1,000	1,000	S	500	S	500
Chemical engineering	7,000	6,000	6,000	2,000	1,000	4,000	4,000	2,000
Male	7,000	6,000	6,000	1,000	1,000	4,000	4,000	1,000
Female	3,000	3,000	3,000	1,000	500	1,000	S	1,000
Civil/architectural engineering	10,000	9,000	9,000	2,000	1,000	4,000	4,000	1,000
Male	10,000	9,000	9,000	2,000	500	4,000	4,000	1,000
Female	3,000	3,000	3,000	1,000	1,000	1,000	1,000	1,000
Electrical/computer engineering	13,000	11,000	11,000	3,000	2,000	5,000	5,000	3,000
Male	12,000	11,000	11,000	3,000	2,000	5,000	5,000	2,000
Female	5,000	4,000	4,000	2,000	1,000	2,000	S	2,000
Industrial engineering	9,000	7,000	7,000	2,000	2,000	4,000	4,000	2,000
Male	8,000	6,000	6,000	2,000	2,000	4,000	4,000	2,000
Female	3,000	3,000	3,000	1,000	1,000	2,000	S	2,000
Mechanical engineering	13,000	11,000	11,000	3,000	1,000	6,000	6,000	2,000
Male	13,000	11,000	11,000	3,000	1,000	6,000	6,000	2,000
Female	4,000	3,000	3,000	1,000	S	2,000	S	1,000
Other engineering	11,000	9,000	9,000	3,000	1,000	5,000	5,000	2,000
Male	11,000	9,000	9,000	2,000	1,000	5,000	5,000	1,000
Female	4,000	3,000	2,000	1,000	1,000	2,000	S	2,000
S&E-related fields	41,000	38,000	33,000	21,000	5,000	17,000	13,000	12,000
Male	21,000	20,000	20,000	6,000	3,000	8,000	7,000	3,000
Female	33,000	31,000	26,000	19,000	4,000	15,000	11,000	11,000
Health	35,000	30,000	26,000	19,000	4,000	15,000	11,000	11,000
Male	12,000	11,000	11,000	4,000	2,000	4,000	4,000	2,000
Female	31,000	27,000	24,000	18,000	4,000	14,000	10,000	11,000

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Science/mathematics teacher education	13,000	12,000	10,000	6,000	2,000	6,000	5,000	4,000
Male	8,000	7,000	7,000	3,000	S	4,000	4,000	S
Female	10,000	8,000	7,000	5,000	S	5,000	4,000	4,000
Technology/technical fields	13,000	12,000	12,000	4,000	2,000	4,000	4,000	2,000
Male	13,000	12,000	11,000	3,000	2,000	4,000	3,000	2,000
Female	5,000	4,000	3,000	2,000	S	2,000	2,000	1,000
Other S&E-related fields	12,000	12,000	11,000	4,000	S	3,000	2,000	3,000
Male	11,000	11,000	10,000	3,000	S	2,000	2,000	S
Female	6,000	6,000	5,000	3,000	S	3,000	S	3,000
Non-S&E fields	29,000	28,000	24,000	10,000	3,000	7,000	5,000	5,000
Male	20,000	20,000	19,000	5,000	2,000	4,000	3,000	3,000
Female	21,000	19,000	17,000	8,000	3,000	6,000	4,000	5,000
Arts/humanities	12,000	11,000	10,000	5,000	2,000	3,000	2,000	3,000
Male	9,000	8,000	8,000	2,000	S	2,000	1,000	S
Female	8,000	8,000	7,000	4,000	1,000	2,000	2,000	2,000
Education, except science/mathematics teacher education	11,000	10,000	9,000	5,000	1,000	4,000	3,000	2,000
Male	6,000	6,000	6,000	2,000	S	2,000	2,000	S
Female	10,000	9,000	8,000	5,000	S	4,000	3,000	2,000
Management/administration	18,000	17,000	14,000	5,000	3,000	4,000	3,000	3,000
Male	13,000	13,000	12,000	2,000	2,000	2,000	2,000	S
Female	10,000	9,000	8,000	4,000	2,000	3,000	2,000	2,000
Sales/marketing	6,000	5,000	5,000	500	S	S	S	S
Male	4,000	4,000	4,000	S	S	S	S	S
Female	4,000	4,000	4,000	S	S	S	S	S
Social services/related	5,000	5,000	4,000	2,000	1,000	2,000	S	S
Male	4,000	4,000	3,000	2,000	1,000	S	S	S
Female	3,000	3,000	3,000	1,000	S	S	S	S
Other non-S&E fields	11,000	11,000	10,000	4,000	S	2,000	1,000	2,000
Male	8,000	7,000	7,000	2,000	S	1,000	S	S
Female	8,000	8,000	8,000	3,000	S	2,000	S	S
Master's degrees	51,000	46,000	43,000	21,000	8,000	22,000	18,000	13,000
Male	35,000	33,000	31,000	11,000	6,000	13,000	13,000	4,000
Female	34,000	30,000	28,000	18,000	5,000	17,000	12,000	13,000
S&E fields	30,000	26,000	23,000	10,000	4,000	14,000	11,000	7,000
Male	22,000	20,000	19,000	6,000	4,000	9,000	8,000	3,000
Female	19,000	15,000	14,000	8,000	2,000	9,000	6,000	6,000

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Sciences	27,000	22,000	20,000	10,000	3,000	12,000	10,000	6,000
Male	18,000	16,000	15,000	6,000	3,000	7,000	7,000	2,000
Female	18,000	15,000	13,000	8,000	2,000	9,000	6,000	6,000
Biological/agricultural/environmental life sciences	9,000	8,000	8,000	4,000	1,000	5,000	4,000	2,000
Male	7,000	6,000	6,000	2,000	1,000	3,000	3,000	1,000
Female	6,000	6,000	5,000	3,000	1,000	3,000	2,000	2,000
Agricultural/food sciences	3,000	3,000	3,000	1,000	S	2,000	2,000	*
Male	3,000	2,000	2,000	500	S	1,000	1,000	S
Female	2,000	2,000	2,000	1,000	S	500	S	*
Biological sciences	8,000	7,000	7,000	3,000	1,000	4,000	3,000	2,000
Male	6,000	5,000	5,000	2,000	500	3,000	2,000	1,000
Female	6,000	5,000	4,000	3,000	1,000	3,000	2,000	2,000
Environmental life sciences	4,000	4,000	3,000	2,000	S	2,000	1,000	1,000
Male	3,000	3,000	3,000	1,000	S	1,000	1,000	S
Female	3,000	2,000	2,000	1,000	S	1,000	S	*
Computer/mathematical sciences	12,000	10,000	10,000	3,000	2,000	4,000	4,000	2,000
Male	10,000	9,000	8,000	2,000	2,000	3,000	3,000	1,000
Female	6,000	6,000	5,000	3,000	1,000	3,000	2,000	2,000
Computer/information sciences	10,000	9,000	9,000	3,000	2,000	3,000	2,000	2,000
Male	9,000	8,000	8,000	2,000	2,000	2,000	2,000	1,000
Female	5,000	5,000	4,000	2,000	1,000	2,000	1,000	2,000
Mathematical sciences	6,000	5,000	5,000	2,000	1,000	3,000	3,000	1,000
Male	5,000	4,000	4,000	1,000	1,000	3,000	2,000	500
Female	4,000	3,000	3,000	2,000	1,000	2,000	1,000	1,000
Physical/related sciences	7,000	6,000	5,000	3,000	1,000	3,000	3,000	1,000
Male	6,000	5,000	5,000	2,000	1,000	3,000	3,000	1,000
Female	3,000	3,000	2,000	2,000	*	1,000	1,000	1,000
Chemistry, except biochemistry	4,000	3,000	3,000	2,000	1,000	2,000	1,000	1,000
Male	3,000	3,000	2,000	1,000	1,000	1,000	1,000	500
Female	2,000	2,000	1,000	1,000	S	1,000	1,000	1,000
Earth/atmospheric/ocean sciences	4,000	4,000	4,000	1,000	500	1,000	1,000	1,000
Male	4,000	3,000	3,000	500	S	1,000	1,000	500
Female	2,000	2,000	2,000	1,000	S	500	S	500
Physics/astronomy	3,000	3,000	2,000	1,000	*	2,000	2,000	1,000
Male	3,000	3,000	2,000	1,000	S	2,000	2,000	500
Female	1,000	1,000	1,000	500	S	1,000	S	1,000

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other physical sciences	1,000	1,000	1,000	1,000	S	1,000	S	S
Male	1,000	1,000	1,000	S	S	S	S	S
Female	1,000	1,000	1,000	1,000	S	S	S	S
Social/related sciences	20,000	17,000	15,000	8,000	2,000	10,000	8,000	5,000
Male	13,000	11,000	10,000	4,000	2,000	5,000	4,000	2,000
Female	16,000	13,000	11,000	7,000	2,000	8,000	6,000	4,000
Economics	7,000	6,000	5,000	2,000	500	2,000	2,000	1,000
Male	5,000	5,000	4,000	2,000	500	2,000	2,000	500
Female	4,000	4,000	3,000	1,000	S	1,000	S	1,000
Political/related sciences	9,000	8,000	7,000	3,000	1,000	3,000	3,000	2,000
Male	7,000	6,000	6,000	2,000	1,000	2,000	2,000	1,000
Female	5,000	5,000	4,000	2,000	500	2,000	1,000	1,000
Psychology	15,000	13,000	11,000	6,000	2,000	8,000	6,000	4,000
Male	8,000	7,000	6,000	3,000	1,000	4,000	3,000	2,000
Female	13,000	10,000	9,000	5,000	1,000	7,000	5,000	4,000
Sociology/anthropology	5,000	5,000	4,000	2,000	1,000	3,000	2,000	2,000
Male	4,000	3,000	3,000	1,000	S	1,000	1,000	500
Female	3,000	3,000	3,000	2,000	500	2,000	2,000	1,000
Other social sciences	6,000	5,000	4,000	2,000	1,000	3,000	3,000	2,000
Male	4,000	4,000	3,000	1,000	S	2,000	2,000	500
Female	5,000	4,000	3,000	2,000	*	3,000	2,000	2,000
Engineering	13,000	12,000	11,000	3,000	2,000	7,000	6,000	3,000
Male	12,000	11,000	11,000	2,000	2,000	6,000	6,000	1,000
Female	5,000	4,000	4,000	2,000	1,000	2,000	500	2,000
Aerospace/related engineering	2,000	2,000	2,000	1,000	S	1,000	1,000	*
Male	2,000	2,000	2,000	1,000	S	1,000	1,000	*
Female	500	500	500	*	S	*	S	*
Chemical engineering	3,000	2,000	2,000	500	500	1,000	1,000	1,000
Male	3,000	2,000	2,000	500	500	1,000	1,000	1,000
Female	1,000	1,000	1,000	*	S	500	S	500
Civil/architectural engineering	5,000	5,000	4,000	2,000	1,000	2,000	2,000	500
Male	5,000	4,000	4,000	1,000	S	2,000	2,000	S
Female	2,000	2,000	1,000	1,000	S	500	S	S
Electrical/computer engineering	8,000	7,000	7,000	2,000	1,000	4,000	3,000	2,000
Male	7,000	7,000	6,000	1,000	1,000	4,000	3,000	1,000
Female	3,000	2,000	2,000	1,000	1,000	1,000	S	1,000

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Industrial engineering	3,000	3,000	3,000	1,000	500	2,000	1,000	1,000
Male	3,000	2,000	2,000	1,000	500	1,000	1,000	S
Female	1,000	1,000	1,000	500	S	1,000	S	1,000
Mechanical engineering	4,000	4,000	4,000	1,000	2,000	2,000	2,000	1,000
Male	4,000	4,000	4,000	1,000	1,000	2,000	2,000	500
Female	1,000	1,000	1,000	500	S	1,000	S	1,000
Other engineering	6,000	5,000	5,000	2,000	1,000	2,000	2,000	1,000
Male	5,000	5,000	5,000	1,000	1,000	2,000	2,000	1,000
Female	2,000	2,000	2,000	1,000	*	1,000	S	1,000
S&E-related fields	21,000	19,000	17,000	11,000	3,000	10,000	7,000	6,000
Male	12,000	11,000	11,000	5,000	2,000	4,000	4,000	1,000
Female	17,000	16,000	14,000	10,000	2,000	9,000	6,000	6,000
Health	16,000	16,000	14,000	9,000	3,000	8,000	6,000	6,000
Male	8,000	7,000	7,000	2,000	2,000	2,000	2,000	1,000
Female	15,000	14,000	12,000	9,000	2,000	8,000	5,000	5,000
Science/mathematics teacher education	10,000	9,000	8,000	4,000	S	4,000	4,000	2,000
Male	7,000	6,000	5,000	3,000	S	3,000	3,000	S
Female	8,000	7,000	6,000	4,000	S	3,000	3,000	2,000
Technology/technical fields	5,000	4,000	4,000	1,000	500	2,000	1,000	1,000
Male	4,000	4,000	4,000	S	S	2,000	1,000	1,000
Female	3,000	2,000	2,000	S	S	1,000	S	S
Other S&E-related fields	7,000	6,000	6,000	3,000	S	2,000	2,000	S
Male	6,000	5,000	5,000	2,000	S	2,000	2,000	S
Female	4,000	3,000	3,000	2,000	S	1,000	S	S
Non-S&E fields	41,000	36,000	34,000	15,000	6,000	17,000	14,000	9,000
Male	28,000	27,000	26,000	8,000	4,000	12,000	11,000	3,000
Female	28,000	24,000	21,000	13,000	4,000	12,000	8,000	9,000
Arts/humanities	9,000	8,000	6,000	4,000	2,000	3,000	2,000	2,000
Male	5,000	5,000	5,000	2,000	1,000	2,000	2,000	S
Female	6,000	6,000	5,000	3,000	1,000	2,000	2,000	1,000
Education, except science/mathematics teacher education	25,000	22,000	21,000	9,000	3,000	11,000	9,000	7,000
Male	15,000	14,000	13,000	4,000	1,000	7,000	7,000	1,000
Female	19,000	17,000	15,000	8,000	3,000	9,000	5,000	7,000
Management/administration	24,000	22,000	22,000	7,000	4,000	9,000	8,000	5,000
Male	19,000	18,000	18,000	5,000	3,000	7,000	7,000	1,000
Female	13,000	12,000	12,000	5,000	2,000	6,000	3,000	5,000

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Sales/marketing	8,000	7,000	7,000	2,000	2,000	3,000	2,000	2,000
Male	7,000	6,000	6,000	1,000	S	1,000	1,000	S
Female	5,000	4,000	3,000	2,000	S	3,000	S	2,000
Social services/related	13,000	12,000	11,000	6,000	1,000	5,000	4,000	2,000
Male	9,000	8,000	8,000	2,000	S	4,000	3,000	1,000
Female	10,000	9,000	8,000	5,000	1,000	3,000	2,000	2,000
Other non-S&E fields	13,000	11,000	11,000	5,000	S	6,000	4,000	3,000
Male	10,000	9,000	9,000	2,000	S	4,000	3,000	2,000
Female	10,000	9,000	8,000	4,000	S	4,000	3,000	3,000
Doctorate degrees	10,000	9,000	9,000	4,000	2,000	4,000	4,000	2,000
Male	8,000	7,000	7,000	3,000	1,000	3,000	3,000	1,000
Female	5,000	5,000	4,000	2,000	1,000	3,000	2,000	2,000
S&E fields	5,000	5,000	5,000	2,000	1,000	2,000	2,000	1,000
Male	4,000	4,000	4,000	1,000	1,000	2,000	1,000	1,000
Female	2,000	2,000	2,000	1,000	500	1,000	1,000	1,000
Sciences	4,000	4,000	4,000	1,000	1,000	2,000	2,000	1,000
Male	3,000	3,000	3,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	2,000	2,000	1,000	500	1,000	1,000	1,000
Biological/agricultural/environmental life sciences	3,000	3,000	3,000	1,000	1,000	1,000	1,000	500
Male	3,000	2,000	2,000	1,000	1,000	1,000	1,000	500
Female	1,000	1,000	1,000	1,000	500	500	500	500
Agricultural/food sciences	1,000	1,000	1,000	500	*	500	500	*
Male	1,000	1,000	1,000	500	*	500	500	S
Female	500	500	500	*	S	*	*	*
Biological sciences	3,000	3,000	2,000	1,000	1,000	1,000	1,000	500
Male	2,000	2,000	2,000	1,000	1,000	1,000	1,000	500
Female	1,000	1,000	1,000	1,000	500	500	500	500
Environmental life sciences	500	500	500	*	S	500	500	S
Male	500	500	500	*	S	500	500	S
Female	500	500	500	S	S	S	S	S
Computer/mathematical sciences	2,000	2,000	2,000	500	*	500	500	*
Male	1,000	1,000	1,000	500	*	500	500	*
Female	1,000	1,000	1,000	500	S	500	500	*
Computer/information sciences	1,000	1,000	1,000	500	*	500	*	*
Male	1,000	1,000	1,000	500	S	*	*	S
Female	500	500	500	*	S	*	*	S

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Mathematical sciences	1,000	1,000	1,000	500	*	500	500	*
Male	1,000	1,000	1,000	500	*	500	500	S
Female	500	500	500	500	S	500	500	*
Physical/related sciences	2,000	2,000	2,000	1,000	500	1,000	1,000	1,000
Male	2,000	2,000	2,000	500	500	1,000	1,000	500
Female	1,000	1,000	1,000	500	500	1,000	500	1,000
Chemistry, except biochemistry	2,000	1,000	1,000	500	500	1,000	1,000	500
Male	1,000	1,000	1,000	500	500	1,000	1,000	*
Female	1,000	1,000	1,000	500	500	1,000	500	500
Earth/atmospheric/ocean sciences	1,000	1,000	1,000	500	*	500	500	*
Male	1,000	1,000	500	500	*	500	500	*
Female	500	500	500	*	*	*	*	S
Physics/astronomy	1,000	1,000	1,000	500	500	1,000	500	500
Male	1,000	1,000	1,000	500	500	500	500	*
Female	500	500	500	500	*	500	*	500
Other physical sciences	500	500	500	*	S	S	S	S
Male	500	500	500	S	S	S	S	S
Female	500	500	500	*	S	S	S	S
Social/related sciences	2,000	2,000	2,000	1,000	500	1,000	1,000	1,000
Male	1,000	1,000	1,000	1,000	500	1,000	1,000	500
Female	1,000	1,000	1,000	1,000	500	1,000	500	500
Economics	1,000	1,000	1,000	500	*	500	500	500
Male	1,000	500	1,000	500	*	500	500	S
Female	500	500	500	500	S	500	*	*
Political/related sciences	1,000	1,000	1,000	500	*	500	500	500
Male	1,000	1,000	1,000	500	S	500	500	*
Female	500	500	500	500	S	500	*	*
Psychology	1,000	1,000	1,000	1,000	500	500	500	500
Male	1,000	1,000	1,000	1,000	*	500	500	*
Female	1,000	1,000	1,000	1,000	500	500	500	500
Sociology/anthropology	1,000	1,000	1,000	500	*	500	500	*
Male	500	500	500	500	S	500	500	S
Female	500	500	500	500	S	500	500	*
Other social sciences	1,000	1,000	1,000	500	*	500	500	*
Male	500	500	500	500	S	500	500	S
Female	500	500	500	500	S	500	500	*

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Engineering	2,000	2,000	2,000	1,000	500	1,000	1,000	500
Male	2,000	2,000	2,000	1,000	500	1,000	1,000	500
Female	500	500	500	500	*	500	*	500
Aerospace/related engineering	1,000	1,000	500	500	S	500	500	S
Male	1,000	1,000	500	500	S	500	500	S
Female	*	*	*	S	S	S	S	S
Chemical engineering	1,000	1,000	1,000	500	500	500	500	*
Male	1,000	1,000	1,000	500	500	500	500	S
Female	500	500	500	*	S	*	S	*
Civil/architectural engineering	1,000	1,000	1,000	500	S	500	500	S
Male	1,000	1,000	500	500	S	500	500	S
Female	500	500	500	S	S	S	S	S
Electrical/computer engineering	1,000	1,000	1,000	500	*	500	500	*
Male	1,000	1,000	1,000	500	*	500	500	*
Female	500	500	500	*	S	*	S	*
Industrial engineering	500	500	500	*	S	*	*	S
Male	500	500	500	*	S	*	*	S
Female	500	500	500	S	S	S	S	S
Mechanical engineering	1,000	1,000	1,000	500	*	500	500	*
Male	1,000	1,000	1,000	500	*	500	500	S
Female	500	500	500	S	S	S	S	S
Other engineering	1,000	1,000	1,000	500	500	1,000	500	500
Male	1,000	1,000	1,000	500	*	500	500	500
Female	500	500	500	*	*	*	S	*
S&E-related fields	3,000	3,000	3,000	1,000	*	2,000	2,000	500
Male	3,000	2,000	2,000	1,000	S	1,000	1,000	S
Female	2,000	2,000	2,000	1,000	*	1,000	1,000	500
Health	2,000	2,000	2,000	1,000	*	500	500	500
Male	1,000	1,000	1,000	500	S	500	500	S
Female	2,000	2,000	1,000	1,000	*	500	500	500
Science/mathematics teacher education	2,000	1,000	1,000	500	S	1,000	1,000	S
Male	2,000	1,000	1,000	S	S	1,000	1,000	S
Female	1,000	1,000	1,000	S	S	S	S	S
Technology/technical fields	1,000	1,000	1,000	S	S	S	S	S
Male	1,000	1,000	1,000	S	S	S	S	S
Female	S	S	S	S	S	S	S	S

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

Level and field of highest degree and sex	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other S&E-related fields	1,000	1,000	1,000	S	S	S	S	S
Male	1,000	1,000	1,000	S	S	S	S	S
Female	500	500	500	S	S	S	S	S
Non-S&E degrees	7,000	7,000	6,000	3,000	S	3,000	3,000	1,000
Male	6,000	6,000	6,000	2,000	S	2,000	2,000	S
Female	4,000	4,000	3,000	2,000	S	3,000	2,000	1,000
Arts/humanities	3,000	3,000	3,000	1,000	S	1,000	1,000	S
Male	2,000	2,000	2,000	S	S	S	S	S
Female	2,000	2,000	1,000	1,000	S	500	S	S
Education, except science/mathematics teacher education	6,000	5,000	5,000	2,000	S	3,000	3,000	S
Male	4,000	4,000	3,000	1,000	S	2,000	2,000	S
Female	4,000	3,000	3,000	1,000	S	2,000	1,000	S
Management/administration	3,000	2,000	2,000	1,000	S	1,000	1,000	S
Male	2,000	2,000	2,000	S	S	S	S	S
Female	1,000	1,000	1,000	S	S	S	S	S
Sales/marketing	500	500	500	S	S	S	S	S
Male	500	500	500	S	S	S	S	S
Female	S	S	S	S	S	S	S	S
Social services/related	3,000	3,000	3,000	1,000	S	1,000	S	S
Male	3,000	3,000	3,000	1,000	S	S	S	S
Female	1,000	1,000	1,000	1,000	S	S	S	S
Other non-S&E fields	3,000	3,000	3,000	1,000	S	2,000	2,000	S
Male	3,000	3,000	2,000	S	S	S	S	S
Female	2,000	2,000	2,000	S	S	2,000	S	S

* = standard error is not calculated when estimate is less than 500; 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. 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.

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
All degree levels and fields[b]	91,000	83,000	81,000	41,000	16,000	41,000	34,000	28,000
American Indian/Alaska Native	7,000	6,000	6,000	2,000	500	3,000	2,000	2,000
Asian	24,000	21,000	21,000	10,000	6,000	9,000	5,000	8,000
Black	21,000	20,000	19,000	7,000	5,000	7,000	6,000	5,000
Hispanic	21,000	20,000	19,000	7,000	3,000	7,000	4,000	6,000
White	82,000	74,000	71,000	38,000	14,000	38,000	32,000	25,000
Other	13,000	12,000	11,000	5,000	3,000	5,000	4,000	4,000
S&E fields	73,000	66,000	65,000	26,000	13,000	33,000	25,000	23,000
American Indian/Alaska Native	5,000	4,000	4,000	1,000	500	2,000	2,000	2,000
Asian	18,000	17,000	17,000	6,000	4,000	8,000	4,000	7,000
Black	15,000	14,000	13,000	5,000	4,000	6,000	5,000	4,000
Hispanic	16,000	15,000	14,000	5,000	3,000	6,000	3,000	5,000
White	65,000	58,000	56,000	23,000	12,000	30,000	24,000	21,000
Other	10,000	8,000	8,000	3,000	2,000	4,000	3,000	3,000
Sciences	68,000	63,000	59,000	25,000	13,000	31,000	22,000	23,000
American Indian/Alaska Native	5,000	4,000	4,000	1,000	500	2,000	1,000	2,000
Asian	15,000	14,000	14,000	5,000	3,000	8,000	3,000	7,000
Black	15,000	14,000	13,000	5,000	4,000	6,000	5,000	4,000
Hispanic	15,000	13,000	13,000	4,000	3,000	6,000	3,000	5,000
White	62,000	57,000	53,000	23,000	11,000	28,000	21,000	21,000
Other	9,000	8,000	7,000	3,000	2,000	4,000	3,000	3,000
Biological/agricultural/environmental life sciences	30,000	28,000	25,000	11,000	5,000	13,000	9,000	10,000
American Indian/Alaska Native	2,000	1,000	1,000	500	S	500	S	S
Asian	8,000	7,000	7,000	3,000	2,000	4,000	1,000	3,000
Black	6,000	5,000	5,000	3,000	1,000	2,000	1,000	1,000
Hispanic	7,000	6,000	5,000	3,000	500	2,000	1,000	2,000
White	27,000	25,000	23,000	10,000	4,000	12,000	8,000	9,000
Other	4,000	3,000	3,000	1,000	2,000	2,000	1,000	1,000
Agricultural/food sciences	14,000	13,000	11,000	4,000	2,000	5,000	4,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	3,000	3,000	2,000	1,000	S	1,000	1,000	S
Black	1,000	1,000	1,000	*	S	S	S	S
Hispanic	2,000	2,000	2,000	*	S	1,000	1,000	*
White	13,000	12,000	11,000	4,000	2,000	4,000	4,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Biological sciences	25,000	24,000	22,000	9,000	4,000	11,000	7,000	9,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	*	S	S
Asian	8,000	7,000	7,000	2,000	1,000	4,000	1,000	3,000
Black	5,000	5,000	4,000	3,000	1,000	2,000	1,000	1,000
Hispanic	6,000	6,000	5,000	3,000	500	2,000	1,000	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	23,000	21,000	20,000	8,000	4,000	10,000	7,000	8,000
Other	3,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Environmental life sciences	10,000	9,000	9,000	3,000	2,000	4,000	3,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	1,000	1,000	1,000	1,000	S	500	S	500
Black	1,000	500	500	*	S	S	S	S
Hispanic	1,000	1,000	1,000	*	*	*	S	*
White	10,000	9,000	8,000	3,000	1,000	4,000	3,000	2,000
Other	2,000	1,000	1,000	S	S	S	S	S
Computer/mathematical sciences	25,000	23,000	22,000	9,000	5,000	11,000	7,000	8,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	9,000	9,000	8,000	3,000	2,000	3,000	1,000	3,000
Black	6,000	6,000	6,000	1,000	1,000	2,000	1,000	2,000
Hispanic	6,000	6,000	5,000	1,000	1,000	2,000	1,000	1,000
White	24,000	23,000	21,000	9,000	4,000	10,000	7,000	6,000
Other	4,000	4,000	4,000	1,000	S	1,000	S	1,000
Computer/information sciences	18,000	17,000	16,000	6,000	4,000	7,000	4,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	8,000	8,000	8,000	2,000	2,000	2,000	1,000	2,000
Black	6,000	5,000	5,000	1,000	1,000	2,000	S	2,000
Hispanic	6,000	5,000	5,000	1,000	1,000	1,000	1,000	1,000
White	18,000	18,000	17,000	6,000	4,000	6,000	4,000	4,000
Other	4,000	4,000	3,000	1,000	S	S	S	S
Mathematical sciences	18,000	16,000	14,000	7,000	2,000	8,000	7,000	6,000
American Indian/Alaska Native	500	*	S	S	S	S	S	S
Asian	5,000	4,000	4,000	1,000	1,000	2,000	1,000	2,000
Black	3,000	3,000	3,000	1,000	500	1,000	1,000	1,000
Hispanic	2,000	2,000	2,000	1,000	S	1,000	1,000	500
White	16,000	14,000	13,000	6,000	2,000	8,000	6,000	5,000
Other	2,000	2,000	2,000	S	S	1,000	S	1,000
Physical/related sciences	16,000	14,000	13,000	5,000	3,000	8,000	7,000	4,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	1,000	S	S
Asian	5,000	5,000	4,000	2,000	1,000	2,000	1,000	2,000
Black	3,000	2,000	2,000	500	500	1,000	1,000	1,000
Hispanic	3,000	3,000	3,000	1,000	500	1,000	1,000	500
White	14,000	13,000	12,000	4,000	3,000	8,000	6,000	4,000
Other	2,000	1,000	1,000	500	S	1,000	S	500
Chemistry, except biochemistry	13,000	11,000	10,000	4,000	2,000	6,000	5,000	3,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	4,000	4,000	3,000	1,000	1,000	2,000	1,000	2,000
Black	2,000	2,000	2,000	500	*	1,000	500	1,000
Hispanic	2,000	2,000	2,000	*	500	1,000	1,000	500
White	12,000	10,000	9,000	3,000	2,000	6,000	5,000	3,000
Other	1,000	1,000	1,000	S	S	500	S	500
Earth/atmospheric/ocean sciences	10,000	8,000	8,000	2,000	2,000	4,000	4,000	2,000
American Indian/Alaska Native	500	500	*	S	S	S	S	S
Asian	1,000	1,000	1,000	1,000	*	500	*	*
Black	500	500	500	S	S	*	S	S
Hispanic	1,000	1,000	1,000	*	S	*	S	*
White	10,000	8,000	8,000	2,000	2,000	4,000	4,000	2,000
Other	1,000	500	500	500	S	S	S	S
Physics/astronomy	7,000	6,000	6,000	3,000	1,000	4,000	3,000	1,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	3,000	3,000	2,000	1,000	*	1,000	1,000	1,000
Black	1,000	1,000	1,000	*	S	*	S	*
Hispanic	1,000	1,000	1,000	1,000	S	500	S	*
White	6,000	5,000	5,000	2,000	1,000	3,000	3,000	500
Other	500	500	500	*	S	S	S	S
Other physical sciences	5,000	5,000	5,000	1,000	500	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	5,000	4,000	4,000	1,000	S	2,000	2,000	1,000
Other	1,000	500	500	S	S	S	S	S
Social/related sciences	54,000	50,000	46,000	21,000	9,000	23,000	16,000	19,000
American Indian/Alaska Native	4,000	3,000	3,000	1,000	500	2,000	S	2,000
Asian	10,000	9,000	8,000	4,000	1,000	5,000	2,000	5,000
Black	12,000	11,000	11,000	4,000	3,000	5,000	5,000	3,000
Hispanic	11,000	10,000	9,000	4,000	2,000	4,000	2,000	4,000
White	51,000	46,000	42,000	20,000	8,000	22,000	16,000	18,000
Other	7,000	7,000	6,000	3,000	1,000	3,000	2,000	3,000
Economics	21,000	19,000	19,000	8,000	3,000	8,000	5,000	6,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	7,000	6,000	6,000	2,000	1,000	3,000	2,000	3,000
Black	3,000	3,000	3,000	500	500	2,000	2,000	S
Hispanic	4,000	4,000	4,000	1,000	500	1,000	1,000	1,000
White	19,000	17,000	17,000	7,000	3,000	7,000	5,000	5,000
Other	2,000	2,000	2,000	1,000	S	1,000	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Political/related sciences	25,000	22,000	20,000	8,000	4,000	10,000	7,000	7,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	5,000	4,000	4,000	1,000	1,000	2,000	500	2,000
Black	6,000	5,000	5,000	2,000	2,000	1,000	1,000	1,000
Hispanic	5,000	4,000	4,000	1,000	1,000	2,000	1,000	2,000
White	23,000	19,000	17,000	7,000	4,000	10,000	7,000	7,000
Other	3,000	3,000	3,000	1,000	1,000	2,000	S	2,000
Psychology	31,000	26,000	23,000	14,000	6,000	15,000	10,000	11,000
American Indian/Alaska Native	2,000	2,000	2,000	500	S	2,000	S	S
Asian	5,000	4,000	4,000	2,000	S	2,000	1,000	2,000
Black	7,000	7,000	6,000	3,000	2,000	3,000	2,000	2,000
Hispanic	6,000	6,000	5,000	3,000	1,000	3,000	1,000	3,000
White	30,000	25,000	22,000	13,000	5,000	13,000	10,000	11,000
Other	5,000	4,000	3,000	2,000	1,000	2,000	1,000	2,000
Sociology/anthropology	23,000	20,000	18,000	9,000	5,000	12,000	8,000	9,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	4,000	4,000	3,000	2,000	S	1,000	1,000	1,000
Black	7,000	6,000	5,000	2,000	2,000	3,000	2,000	1,000
Hispanic	5,000	4,000	4,000	2,000	1,000	2,000	1,000	1,000
White	22,000	18,000	17,000	9,000	4,000	12,000	8,000	9,000
Other	3,000	3,000	3,000	2,000	S	1,000	S	500
Other social sciences	18,000	15,000	14,000	7,000	3,000	8,000	6,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	3,000	3,000	2,000	1,000	500	2,000	1,000	2,000
Black	5,000	4,000	4,000	1,000	*	2,000	2,000	1,000
Hispanic	5,000	4,000	4,000	2,000	1,000	2,000	1,000	1,000
White	16,000	14,000	12,000	7,000	2,000	6,000	5,000	4,000
Other	2,000	2,000	2,000	1,000	S	500	S	500
Engineering	32,000	27,000	27,000	7,000	4,000	13,000	12,000	6,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	1,000	S	S
Asian	10,000	10,000	9,000	2,000	2,000	3,000	2,000	2,000
Black	5,000	4,000	4,000	1,000	1,000	1,000	1,000	1,000
Hispanic	7,000	6,000	6,000	2,000	1,000	3,000	2,000	2,000
White	28,000	23,000	22,000	7,000	4,000	12,000	11,000	5,000
Other	4,000	3,000	3,000	1,000	500	1,000	1,000	500
Aerospace/related engineering	6,000	6,000	5,000	2,000	500	2,000	2,000	1,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	500	S	*
Black	1,000	1,000	1,000	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	1,000	1,000	1,000	1,000	S	500	S	*
White	6,000	5,000	5,000	2,000	*	2,000	2,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Chemical engineering	8,000	7,000	6,000	2,000	1,000	4,000	4,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	3,000	2,000	2,000	500	500	1,000	1,000	1,000
Black	1,000	1,000	1,000	S	*	*	S	*
Hispanic	1,000	1,000	1,000	S	S	1,000	S	*
White	7,000	6,000	5,000	2,000	1,000	4,000	3,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Civil/architectural engineering	11,000	11,000	10,000	3,000	1,000	4,000	4,000	1,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	500	1,000	1,000	1,000
Black	2,000	2,000	2,000	*	S	S	S	S
Hispanic	3,000	3,000	3,000	1,000	S	1,000	1,000	*
White	10,000	9,000	9,000	3,000	1,000	4,000	4,000	1,000
Other	2,000	2,000	2,000	S	S	S	S	S
Electrical/computer engineering	15,000	14,000	13,000	4,000	2,000	7,000	6,000	3,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	7,000	6,000	6,000	1,000	1,000	2,000	1,000	1,000
Black	3,000	3,000	3,000	1,000	1,000	1,000	1,000	1,000
Hispanic	3,000	3,000	3,000	1,000	*	1,000	1,000	1,000
White	13,000	11,000	11,000	3,000	2,000	7,000	6,000	2,000
Other	2,000	2,000	2,000	500	S	1,000	1,000	S
Industrial engineering	9,000	8,000	7,000	3,000	2,000	5,000	4,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	500	S	1,000	500	1,000
Black	2,000	1,000	1,000	*	S	S	S	S
Hispanic	2,000	2,000	2,000	*	*	1,000	S	1,000
White	9,000	7,000	7,000	3,000	2,000	4,000	4,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Mechanical engineering	14,000	13,000	12,000	4,000	2,000	7,000	6,000	2,000
American Indian/Alaska Native	1,000	500	500	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	1,000	1,000	1,000	1,000
Black	2,000	2,000	2,000	1,000	S	*	S	*
Hispanic	2,000	2,000	2,000	500	S	1,000	1,000	*
White	14,000	12,000	11,000	3,000	2,000	6,000	6,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other engineering	13,000	11,000	10,000	3,000	2,000	6,000	5,000	3,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	1,000	2,000	1,000	1,000
Black	2,000	1,000	1,000	500	*	500	S	*
Hispanic	3,000	3,000	2,000	1,000	S	1,000	1,000	1,000
White	11,000	10,000	9,000	3,000	1,000	5,000	5,000	2,000
Other	1,000	1,000	1,000	*	S	S	S	S
S&E-related fields	46,000	43,000	37,000	23,000	6,000	19,000	15,000	13,000
American Indian/Alaska Native	4,000	3,000	3,000	1,000	S	1,000	1,000	S
Asian	14,000	13,000	12,000	6,000	2,000	4,000	3,000	3,000
Black	10,000	10,000	9,000	3,000	1,000	3,000	2,000	3,000
Hispanic	11,000	10,000	9,000	4,000	2,000	4,000	2,000	3,000
White	42,000	40,000	34,000	22,000	6,000	18,000	14,000	12,000
Other	7,000	7,000	6,000	3,000	1,000	1,000	1,000	1,000
Health	40,000	35,000	31,000	22,000	5,000	17,000	13,000	13,000
American Indian/Alaska Native	3,000	3,000	3,000	1,000	S	S	S	S
Asian	13,000	12,000	11,000	6,000	2,000	4,000	3,000	2,000
Black	9,000	8,000	8,000	3,000	1,000	3,000	2,000	2,000
Hispanic	9,000	8,000	7,000	4,000	1,000	3,000	2,000	2,000
White	36,000	31,000	27,000	21,000	5,000	17,000	12,000	12,000
Other	7,000	7,000	5,000	4,000	S	1,000	1,000	1,000
Science/mathematics teacher education	18,000	16,000	13,000	8,000	2,000	8,000	7,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	S	1,000	S	S
Black	3,000	3,000	3,000	1,000	S	2,000	2,000	S
Hispanic	3,000	3,000	2,000	2,000	S	1,000	S	S
White	16,000	15,000	12,000	7,000	2,000	8,000	7,000	4,000
Other	2,000	1,000	1,000	S	S	S	S	S
Technology/technical fields	14,000	13,000	13,000	4,000	2,000	5,000	4,000	3,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	4,000	4,000	4,000	2,000	500	1,000	S	1,000
Black	3,000	3,000	3,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	12,000	11,000	11,000	3,000	2,000	4,000	4,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Other S&E-related fields	15,000	14,000	13,000	5,000	2,000	4,000	3,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	1,000	S	S
Black	3,000	3,000	2,000	S	S	S	S	S
Hispanic	4,000	3,000	3,000	S	S	2,000	S	2,000
White	14,000	13,000	12,000	5,000	2,000	4,000	3,000	3,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	1,000	1,000	1,000	S	S	S	S	S
Non-S&E fields	53,000	47,000	42,000	18,000	7,000	21,000	16,000	12,000
American Indian/Alaska Native	4,000	4,000	3,000	S	S	2,000	S	S
Asian	11,000	10,000	9,000	4,000	3,000	3,000	1,000	3,000
Black	13,000	12,000	11,000	4,000	3,000	4,000	4,000	2,000
Hispanic	9,000	10,000	9,000	3,000	1,000	3,000	2,000	2,000
White	49,000	44,000	40,000	17,000	6,000	20,000	15,000	12,000
Other	5,000	5,000	4,000	2,000	S	2,000	1,000	2,000
Arts/humanities	14,000	13,000	12,000	6,000	2,000	5,000	3,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	4,000	4,000	3,000	1,000	S	S	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	3,000	3,000	2,000	1,000	S	S	S	S
White	14,000	13,000	11,000	5,000	2,000	5,000	3,000	4,000
Other	1,000	1,000	1,000	500	S	S	S	S
Education, except science/mathematics teacher education	27,000	24,000	22,000	11,000	4,000	12,000	10,000	7,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	S	S	S
Asian	3,000	3,000	3,000	2,000	S	1,000	S	S
Black	7,000	6,000	6,000	3,000	1,000	3,000	3,000	S
Hispanic	5,000	5,000	4,000	1,000	S	2,000	2,000	1,000
White	27,000	23,000	22,000	10,000	3,000	11,000	9,000	7,000
Other	2,000	2,000	2,000	1,000	S	1,000	1,000	S
Management/administration	30,000	27,000	26,000	8,000	5,000	11,000	8,000	6,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	8,000	8,000	7,000	3,000	3,000	2,000	1,000	1,000
Black	6,000	6,000	6,000	1,000	2,000	2,000	2,000	S
Hispanic	6,000	6,000	6,000	1,000	1,000	1,000	500	1,000
White	28,000	25,000	24,000	7,000	4,000	10,000	8,000	5,000
Other	3,000	3,000	3,000	S	S	500	500	S
Sales/marketing	10,000	9,000	8,000	2,000	2,000	3,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	1,000	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	9,000	8,000	8,000	2,000	2,000	3,000	2,000	2,000
Other	1,000	S	S	S	S	S	S	S
Social services/related	15,000	14,000	12,000	7,000	2,000	5,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	1,000	S	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	4,000	4,000	4,000	1,000	S	1,000	1,000	S
Hispanic	3,000	3,000	2,000	1,000	S	S	S	S
White	14,000	13,000	11,000	7,000	2,000	5,000	4,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other non-S&E fields	26,000	25,000	23,000	9,000	3,000	9,000	7,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	5,000	5,000	4,000	1,000	S	2,000	1,000	2,000
Black	6,000	6,000	6,000	1,000	S	2,000	1,000	S
Hispanic	5,000	5,000	5,000	1,000	S	2,000	1,000	2,000
White	24,000	22,000	21,000	9,000	3,000	9,000	7,000	4,000
Other	4,000	3,000	3,000	2,000	S	2,000	S	2,000
Bachelor's degrees	76,000	70,000	68,000	33,000	13,000	33,000	28,000	24,000
American Indian/Alaska Native	6,000	5,000	5,000	2,000	500	3,000	1,000	2,000
Asian	19,000	18,000	17,000	7,000	4,000	8,000	4,000	7,000
Black	17,000	16,000	15,000	6,000	4,000	6,000	4,000	4,000
Hispanic	18,000	17,000	16,000	6,000	3,000	6,000	3,000	5,000
White	66,000	62,000	59,000	30,000	12,000	31,000	26,000	22,000
Other	12,000	11,000	10,000	4,000	3,000	4,000	3,000	3,000
S&E fields	68,000	61,000	60,000	24,000	12,000	31,000	23,000	21,000
American Indian/Alaska Native	5,000	4,000	4,000	1,000	500	2,000	S	2,000
Asian	17,000	15,000	15,000	5,000	3,000	7,000	3,000	7,000
Black	14,000	14,000	12,000	5,000	4,000	5,000	4,000	4,000
Hispanic	16,000	14,000	13,000	4,000	2,000	6,000	3,000	5,000
White	62,000	55,000	52,000	22,000	11,000	29,000	22,000	20,000
Other	9,000	8,000	7,000	3,000	2,000	4,000	3,000	3,000
Sciences	65,000	60,000	57,000	23,000	12,000	29,000	21,000	22,000
American Indian/Alaska Native	4,000	4,000	4,000	1,000	500	2,000	S	2,000
Asian	15,000	13,000	13,000	5,000	3,000	7,000	3,000	6,000
Black	15,000	13,000	12,000	5,000	4,000	5,000	4,000	4,000
Hispanic	14,000	13,000	12,000	4,000	2,000	5,000	3,000	4,000
White	59,000	54,000	50,000	22,000	10,000	27,000	20,000	20,000
Other	8,000	7,000	7,000	3,000	2,000	4,000	3,000	3,000
Biological/agricultural/environmental life sciences	29,000	27,000	24,000	10,000	5,000	12,000	8,000	9,000
American Indian/Alaska Native	2,000	1,000	1,000	500	S	S	S	S
Asian	7,000	7,000	6,000	3,000	2,000	3,000	1,000	3,000
Black	5,000	5,000	4,000	3,000	1,000	2,000	1,000	1,000
Hispanic	6,000	6,000	5,000	2,000	500	2,000	S	2,000
White	26,000	24,000	22,000	9,000	4,000	12,000	8,000	9,000
Other	4,000	3,000	3,000	1,000	2,000	1,000	S	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Agricultural/food sciences	13,000	12,000	11,000	4,000	2,000	5,000	4,000	2,000
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S
Asian	3,000	3,000	2,000	1,000	S	1,000	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	*	S	1,000	S	*
White	12,000	12,000	11,000	4,000	2,000	4,000	4,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Biological sciences	25,000	23,000	21,000	9,000	4,000	10,000	6,000	8,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	7,000	6,000	6,000	2,000	1,000	3,000	1,000	3,000
Black	5,000	5,000	4,000	3,000	1,000	2,000	1,000	1,000
Hispanic	6,000	5,000	5,000	2,000	500	2,000	S	2,000
White	23,000	21,000	19,000	8,000	3,000	10,000	6,000	8,000
Other	3,000	2,000	2,000	1,000	1,000	1,000	S	1,000
Environmental life sciences	9,000	8,000	8,000	2,000	2,000	3,000	3,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	9,000	8,000	7,000	2,000	1,000	3,000	3,000	2,000
Other	1,000	500	500	S	S	S	S	S
Computer/mathematical sciences	23,000	21,000	20,000	9,000	5,000	10,000	6,000	7,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	9,000	8,000	7,000	2,000	2,000	3,000	1,000	2,000
Black	6,000	5,000	5,000	1,000	1,000	2,000	1,000	2,000
Hispanic	6,000	5,000	5,000	1,000	1,000	2,000	1,000	1,000
White	22,000	21,000	20,000	8,000	4,000	9,000	6,000	6,000
Other	4,000	4,000	3,000	1,000	S	1,000	S	1,000
Computer/information sciences	15,000	15,000	14,000	6,000	4,000	6,000	3,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	8,000	7,000	7,000	2,000	2,000	2,000	S	2,000
Black	5,000	5,000	5,000	1,000	1,000	2,000	S	2,000
Hispanic	6,000	5,000	5,000	1,000	1,000	1,000	S	1,000
White	16,000	16,000	16,000	5,000	4,000	5,000	3,000	4,000
Other	3,000	3,000	3,000	1,000	S	S	S	S
Mathematical sciences	17,000	15,000	14,000	6,000	2,000	8,000	6,000	5,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	4,000	3,000	3,000	1,000	500	2,000	1,000	2,000
Black	3,000	3,000	3,000	500	500	1,000	1,000	1,000
Hispanic	2,000	2,000	2,000	1,000	S	1,000	1,000	*

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	15,000	13,000	12,000	6,000	2,000	7,000	6,000	4,000
Other	2,000	2,000	2,000	S	S	1,000	S	S
Physical/related sciences	15,000	13,000	12,000	4,000	3,000	8,000	7,000	4,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	4,000	4,000	3,000	1,000	1,000	2,000	1,000	2,000
Black	2,000	2,000	2,000	500	*	1,000	1,000	1,000
Hispanic	3,000	3,000	3,000	1,000	500	1,000	S	500
White	13,000	12,000	11,000	4,000	3,000	7,000	6,000	4,000
Other	1,000	1,000	1,000	500	S	1,000	S	500
Chemistry, except biochemistry	11,000	10,000	9,000	3,000	2,000	6,000	5,000	3,000
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	1,000	2,000	1,000	1,000
Black	2,000	2,000	2,000	*	S	1,000	500	1,000
Hispanic	2,000	2,000	2,000	*	500	1,000	S	500
White	11,000	9,000	8,000	3,000	2,000	6,000	5,000	3,000
Other	1,000	1,000	1,000	S	S	S	S	S
Earth/atmospheric/ocean sciences	8,000	7,000	7,000	2,000	2,000	4,000	3,000	2,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	1,000	1,000	500	S	S	S	S	S
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	8,000	7,000	7,000	2,000	2,000	4,000	3,000	2,000
Other	500	500	500	S	S	S	S	S
Physics/astronomy	7,000	6,000	5,000	2,000	1,000	3,000	3,000	1,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	1,000	S	1,000
Black	1,000	1,000	1,000	*	S	*	S	*
Hispanic	1,000	1,000	1,000	500	S	*	S	*
White	5,000	5,000	4,000	2,000	1,000	3,000	3,000	500
Other	500	500	500	S	S	S	S	S
Other physical sciences	5,000	4,000	4,000	1,000	S	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	5,000	4,000	4,000	1,000	S	2,000	S	1,000
Other	S	S	S	S	S	S	S	S
Social/related sciences	50,000	46,000	43,000	20,000	9,000	22,000	14,000	18,000
American Indian/Alaska Native	4,000	3,000	3,000	1,000	S	2,000	S	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	10,000	8,000	8,000	3,000	1,000	5,000	2,000	4,000
Black	12,000	11,000	10,000	4,000	3,000	4,000	3,000	3,000
Hispanic	10,000	10,000	9,000	3,000	2,000	4,000	2,000	3,000
White	46,000	42,000	38,000	18,000	8,000	21,000	14,000	17,000
Other	7,000	6,000	5,000	2,000	1,000	3,000	2,000	3,000
Economics	20,000	19,000	18,000	7,000	3,000	8,000	5,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	6,000	6,000	2,000	1,000	3,000	S	3,000
Black	3,000	3,000	3,000	500	500	2,000	S	S
Hispanic	4,000	4,000	3,000	1,000	500	1,000	S	1,000
White	18,000	16,000	16,000	7,000	2,000	7,000	5,000	5,000
Other	2,000	2,000	2,000	S	S	S	S	S
Political/related sciences	23,000	20,000	18,000	7,000	4,000	10,000	7,000	7,000
American Indian/Alaska Native	1,000	1,000	500	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	S	2,000	S	2,000
Black	5,000	5,000	5,000	2,000	2,000	1,000	1,000	500
Hispanic	4,000	4,000	4,000	1,000	1,000	2,000	S	2,000
White	21,000	17,000	16,000	7,000	3,000	10,000	7,000	7,000
Other	3,000	3,000	3,000	1,000	S	2,000	S	2,000
Psychology	27,000	23,000	21,000	12,000	5,000	12,000	7,000	11,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	4,000	4,000	4,000	2,000	S	2,000	S	2,000
Black	7,000	6,000	6,000	3,000	2,000	3,000	2,000	2,000
Hispanic	5,000	5,000	5,000	3,000	1,000	2,000	1,000	2,000
White	26,000	22,000	19,000	11,000	5,000	11,000	7,000	10,000
Other	4,000	3,000	3,000	2,000	1,000	2,000	1,000	2,000
Sociology/anthropology	23,000	21,000	18,000	9,000	5,000	11,000	8,000	9,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	4,000	4,000	3,000	2,000	S	1,000	S	1,000
Black	7,000	6,000	5,000	2,000	2,000	2,000	2,000	1,000
Hispanic	4,000	4,000	4,000	1,000	1,000	2,000	1,000	1,000
White	22,000	19,000	17,000	9,000	4,000	11,000	7,000	9,000
Other	3,000	3,000	3,000	2,000	S	1,000	S	500
Other social sciences	16,000	14,000	13,000	6,000	2,000	7,000	5,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	2,000	S	2,000
Black	4,000	4,000	3,000	1,000	S	2,000	2,000	1,000
Hispanic	4,000	3,000	3,000	1,000	1,000	2,000	S	1,000
White	15,000	13,000	11,000	6,000	2,000	6,000	4,000	4,000
Other	2,000	2,000	2,000	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Engineering	29,000	24,000	24,000	7,000	4,000	11,000	10,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	9,000	8,000	8,000	2,000	2,000	3,000	2,000	2,000
Black	5,000	4,000	4,000	1,000	1,000	1,000	1,000	1,000
Hispanic	6,000	5,000	5,000	2,000	1,000	2,000	2,000	2,000
White	25,000	20,000	20,000	6,000	3,000	11,000	10,000	5,000
Other	3,000	3,000	3,000	1,000	500	1,000	1,000	500
Aerospace/related engineering	6,000	5,000	5,000	2,000	500	2,000	2,000	1,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	*	S	*
White	5,000	5,000	4,000	2,000	S	2,000	2,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Chemical engineering	7,000	6,000	6,000	2,000	1,000	4,000	4,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	1,000	S	1,000
Black	1,000	1,000	1,000	S	S	*	S	*
Hispanic	1,000	1,000	1,000	S	S	500	S	*
White	7,000	6,000	5,000	2,000	1,000	4,000	3,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Civil/architectural engineering	10,000	9,000	9,000	2,000	1,000	4,000	4,000	1,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	1,000	1,000	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	1,000	S	1,000	1,000	S
White	9,000	8,000	8,000	2,000	1,000	4,000	4,000	1,000
Other	2,000	2,000	2,000	S	S	S	S	S
Electrical/computer engineering	13,000	11,000	11,000	3,000	2,000	5,000	5,000	3,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	5,000	5,000	5,000	1,000	1,000	2,000	1,000	1,000
Black	3,000	3,000	3,000	1,000	1,000	1,000	S	1,000
Hispanic	3,000	3,000	3,000	1,000	*	1,000	1,000	1,000
White	11,000	10,000	9,000	3,000	2,000	5,000	5,000	2,000
Other	2,000	2,000	2,000	S	S	1,000	S	S
Industrial engineering	9,000	7,000	7,000	2,000	2,000	4,000	4,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	*	S	1,000	S	1,000
Black	2,000	1,000	1,000	*	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	2,000	2,000	2,000	S	*	1,000	S	1,000
White	8,000	7,000	6,000	2,000	2,000	4,000	4,000	2,000
Other	1,000	1,000	500	S	S	S	S	S
Mechanical engineering	13,000	11,000	11,000	3,000	1,000	6,000	6,000	2,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	500	1,000	1,000	S
Black	2,000	2,000	2,000	1,000	S	S	S	S
Hispanic	2,000	2,000	2,000	500	S	1,000	1,000	*
White	13,000	11,000	10,000	3,000	1,000	6,000	6,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other engineering	11,000	9,000	9,000	3,000	1,000	5,000	5,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	S	S	1,000	S	1,000
Black	1,000	1,000	1,000	*	S	*	S	*
Hispanic	3,000	2,000	2,000	1,000	S	1,000	S	1,000
White	10,000	8,000	8,000	3,000	1,000	5,000	5,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
S&E-related fields	41,000	38,000	33,000	21,000	5,000	17,000	13,000	12,000
American Indian/Alaska Native	3,000	3,000	2,000	S	S	S	S	S
Asian	12,000	11,000	9,000	5,000	2,000	4,000	2,000	3,000
Black	8,000	8,000	8,000	3,000	1,000	3,000	2,000	2,000
Hispanic	9,000	8,000	7,000	3,000	S	3,000	2,000	3,000
White	36,000	33,000	29,000	19,000	5,000	16,000	12,000	11,000
Other	6,000	6,000	5,000	3,000	S	1,000	S	1,000
Health	35,000	30,000	26,000	19,000	4,000	15,000	11,000	11,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	10,000	9,000	8,000	4,000	S	3,000	2,000	2,000
Black	7,000	7,000	7,000	2,000	1,000	2,000	1,000	2,000
Hispanic	6,000	6,000	6,000	3,000	S	3,000	2,000	2,000
White	30,000	26,000	23,000	17,000	4,000	14,000	10,000	10,000
Other	6,000	6,000	5,000	3,000	S	1,000	S	1,000
Science/mathematics teacher education	13,000	12,000	10,000	6,000	2,000	6,000	5,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	S	S	S
Black	2,000	1,000	1,000	S	S	2,000	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	13,000	12,000	10,000	6,000	S	6,000	5,000	4,000
Other	500	S	S	S	S	S	S	S
Technology/technical fields	13,000	12,000	12,000	4,000	2,000	4,000	4,000	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	4,000	3,000	3,000	2,000	S	1,000	S	1,000
Black	3,000	3,000	3,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	11,000	10,000	10,000	3,000	2,000	4,000	4,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Other S&E-related fields	12,000	12,000	11,000	4,000	S	3,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	1,000	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	12,000	11,000	11,000	4,000	S	3,000	2,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Non-S&E fields	29,000	28,000	24,000	10,000	3,000	7,000	5,000	5,000
American Indian/Alaska Native	3,000	3,000	2,000	S	S	S	S	S
Asian	5,000	5,000	4,000	2,000	S	S	S	S
Black	6,000	5,000	5,000	2,000	2,000	2,000	2,000	S
Hispanic	4,000	4,000	4,000	1,000	S	1,000	S	S
White	26,000	26,000	22,000	9,000	2,000	7,000	5,000	5,000
Other	3,000	2,000	2,000	500	S	S	S	S
Arts/humanities	12,000	11,000	10,000	5,000	2,000	3,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	S	S	S
Black	2,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	12,000	11,000	10,000	5,000	1,000	3,000	2,000	3,000
Other	1,000	1,000	1,000	S	S	S	S	S
Education, except science/mathematics teacher education	11,000	10,000	9,000	5,000	1,000	4,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	S	S	S	S	S
Black	3,000	2,000	2,000	2,000	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	11,000	10,000	9,000	5,000	1,000	4,000	3,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Management/administration	18,000	17,000	14,000	5,000	3,000	4,000	3,000	3,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S
Asian	4,000	4,000	3,000	2,000	S	S	S	S
Black	4,000	3,000	3,000	S	S	1,000	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	16,000	15,000	13,000	4,000	1,000	3,000	3,000	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	2,000	2,000	2,000	S	S	S	S	S
Sales/marketing	6,000	5,000	5,000	500	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	6,000	5,000	5,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social services/related	5,000	5,000	4,000	2,000	1,000	2,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S
Black	2,000	2,000	1,000	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	5,000	4,000	4,000	2,000	1,000	S	S	S
Other	S	S	S	S	S	S	S	S
Other non-S&E fields	11,000	11,000	10,000	4,000	S	2,000	1,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	3,000	3,000	3,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	10,000	10,000	9,000	4,000	S	2,000	1,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Master's degrees	51,000	46,000	43,000	21,000	8,000	22,000	18,000	13,000
American Indian/Alaska Native	3,000	3,000	3,000	1,000	S	2,000	2,000	S
Asian	14,000	12,000	12,000	5,000	3,000	5,000	3,000	4,000
Black	12,000	12,000	11,000	4,000	2,000	4,000	4,000	2,000
Hispanic	9,000	9,000	8,000	3,000	2,000	4,000	2,000	3,000
White	47,000	41,000	38,000	20,000	7,000	21,000	17,000	13,000
Other	6,000	6,000	5,000	2,000	500	2,000	1,000	2,000
S&E fields	30,000	26,000	23,000	10,000	4,000	14,000	11,000	7,000
American Indian/Alaska Native	2,000	1,000	1,000	500	S	1,000	S	S
Asian	9,000	8,000	8,000	3,000	2,000	4,000	2,000	3,000
Black	6,000	5,000	5,000	2,000	1,000	3,000	3,000	1,000
Hispanic	6,000	5,000	5,000	2,000	1,000	2,000	1,000	1,000
White	27,000	22,000	20,000	9,000	4,000	12,000	10,000	6,000
Other	4,000	4,000	3,000	1,000	500	1,000	1,000	500
Sciences	27,000	22,000	20,000	10,000	3,000	12,000	10,000	6,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	8,000	6,000	6,000	3,000	1,000	3,000	2,000	3,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	5,000	5,000	5,000	2,000	500	3,000	3,000	1,000
Hispanic	5,000	5,000	4,000	2,000	1,000	2,000	1,000	1,000
White	24,000	20,000	18,000	9,000	3,000	11,000	9,000	5,000
Other	4,000	3,000	3,000	1,000	S	1,000	1,000	500
Biological/agricultural/environmental life sciences	9,000	8,000	8,000	4,000	1,000	5,000	4,000	2,000
American Indian/Alaska Native	1,000	500	500	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	1,000	2,000	1,000	2,000
Black	2,000	2,000	1,000	500	S	500	S	*
Hispanic	2,000	2,000	1,000	1,000	S	1,000	S	500
White	8,000	7,000	7,000	3,000	1,000	4,000	4,000	2,000
Other	2,000	1,000	1,000	S	S	1,000	S	*
Agricultural/food sciences	3,000	3,000	3,000	1,000	S	2,000	2,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	3,000	3,000	2,000	1,000	S	1,000	1,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Biological sciences	8,000	7,000	7,000	3,000	1,000	4,000	3,000	2,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	1,000	2,000	1,000	2,000
Black	1,000	1,000	1,000	500	S	*	S	*
Hispanic	2,000	2,000	1,000	1,000	S	500	S	500
White	7,000	6,000	6,000	3,000	1,000	3,000	3,000	1,000
Other	1,000	1,000	1,000	S	S	1,000	S	S
Environmental life sciences	4,000	4,000	3,000	2,000	S	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	S	S	S	S	S
Black	500	500	500	S	S	S	S	S
Hispanic	500	*	*	S	S	S	S	S
White	4,000	4,000	3,000	1,000	S	1,000	1,000	S
Other	1,000	S	S	S	S	S	S	S
Computer/mathematical sciences	12,000	10,000	10,000	3,000	2,000	4,000	4,000	2,000
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S
Asian	5,000	5,000	5,000	2,000	1,000	2,000	1,000	1,000
Black	2,000	2,000	2,000	1,000	500	1,000	S	500
Hispanic	2,000	2,000	2,000	500	S	S	S	S
White	10,000	8,000	8,000	3,000	2,000	4,000	4,000	2,000
Other	2,000	2,000	2,000	S	S	*	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Computer/information sciences	10,000	9,000	9,000	3,000	2,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	5,000	4,000	4,000	1,000	1,000	2,000	1,000	1,000
Black	2,000	2,000	2,000	1,000	500	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	8,000	8,000	7,000	2,000	1,000	3,000	2,000	1,000
Other	2,000	2,000	2,000	S	S	S	S	S
Mathematical sciences	6,000	5,000	5,000	2,000	1,000	3,000	3,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	1,000	1,000	500	1,000
Black	1,000	1,000	1,000	500	S	500	S	*
Hispanic	1,000	500	500	*	S	S	S	S
White	6,000	4,000	4,000	2,000	1,000	3,000	3,000	1,000
Other	500	*	*	S	S	S	S	S
Physical/related sciences	7,000	6,000	5,000	3,000	1,000	3,000	3,000	1,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	1,000	1,000	1,000
Black	1,000	1,000	1,000	*	S	*	S	*
Hispanic	1,000	1,000	1,000	1,000	S	*	S	*
White	6,000	5,000	5,000	3,000	1,000	3,000	2,000	1,000
Other	1,000	500	500	*	S	S	S	S
Chemistry, except biochemistry	4,000	3,000	3,000	2,000	1,000	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	1,000	S	1,000	500	1,000
Black	500	500	500	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	3,000	3,000	2,000	2,000	S	1,000	1,000	1,000
Other	500	S	S	S	S	S	S	S
Earth/atmospheric/ocean sciences	4,000	4,000	4,000	1,000	500	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	4,000	4,000	3,000	1,000	500	1,000	1,000	1,000
Other	500	500	500	*	S	S	S	S
Physics/astronomy	3,000	3,000	2,000	1,000	*	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	S	1,000	S	1,000
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	500	1,000	S	*	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	3,000	2,000	2,000	1,000	S	1,000	1,000	*
Other	*	*	S	S	S	S	S	S
Other physical sciences	1,000	1,000	1,000	1,000	S	1,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	500	500	500	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	1,000	1,000	1,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social/related sciences	20,000	17,000	15,000	8,000	2,000	10,000	8,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	500	2,000	1,000	1,000
Black	4,000	4,000	4,000	1,000	500	3,000	3,000	1,000
Hispanic	4,000	4,000	3,000	2,000	1,000	1,000	1,000	1,000
White	18,000	16,000	14,000	8,000	2,000	9,000	7,000	4,000
Other	3,000	2,000	2,000	1,000	S	500	S	S
Economics	7,000	6,000	5,000	2,000	500	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	500	S	1,000	S	500
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	6,000	6,000	5,000	2,000	S	2,000	2,000	500
Other	*	S	S	S	S	S	S	S
Political/related sciences	9,000	8,000	7,000	3,000	1,000	3,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	500	S	500	S	500
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	2,000	1,000	1,000	1,000	S	S	S	S
White	8,000	7,000	6,000	3,000	1,000	3,000	3,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Psychology	15,000	13,000	11,000	6,000	2,000	8,000	6,000	4,000
American Indian/Alaska Native	1,000	500	500	S	S	S	S	S
Asian	2,000	2,000	1,000	1,000	S	1,000	S	S
Black	3,000	3,000	3,000	1,000	500	2,000	2,000	500
Hispanic	3,000	2,000	2,000	1,000	1,000	1,000	500	1,000
White	13,000	12,000	10,000	6,000	1,000	7,000	6,000	3,000
Other	2,000	2,000	2,000	1,000	S	S	S	S
Sociology/anthropology	5,000	5,000	4,000	2,000	1,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	1,000	1,000	1,000	S	S	500	S	S
Black	1,000	1,000	1,000	1,000	S	S	S	S
Hispanic	2,000	2,000	1,000	1,000	S	S	S	S
White	5,000	4,000	4,000	2,000	1,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	500	S	S	S	S
Other social sciences	6,000	5,000	4,000	2,000	1,000	3,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	S	1,000	S	1,000
Black	2,000	2,000	2,000	500	S	1,000	S	*
Hispanic	2,000	2,000	1,000	1,000	S	500	S	S
White	6,000	4,000	4,000	2,000	S	3,000	2,000	2,000
Other	1,000	1,000	500	500	S	S	S	S
Engineering	13,000	12,000	11,000	3,000	2,000	7,000	6,000	3,000
American Indian/Alaska Native	1,000	*	S	S	S	S	S	S
Asian	5,000	5,000	5,000	1,000	1,000	2,000	1,000	1,000
Black	2,000	1,000	1,000	*	*	1,000	1,000	*
Hispanic	3,000	3,000	3,000	500	500	1,000	1,000	*
White	11,000	10,000	9,000	3,000	2,000	6,000	6,000	2,000
Other	1,000	1,000	1,000	S	S	500	S	S
Aerospace/related engineering	2,000	2,000	2,000	1,000	S	1,000	1,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	*	S	*
Black	S	S	S	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	2,000	2,000	2,000	1,000	S	1,000	1,000	S
Other	500	500	500	S	S	S	S	S
Chemical engineering	3,000	2,000	2,000	500	500	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	*	S	500	S	*
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	2,000	2,000	2,000	*	S	1,000	1,000	1,000
Other	S	S	S	S	S	S	S	S
Civil/architectural engineering	5,000	5,000	4,000	2,000	1,000	2,000	2,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	500	S	1,000	1,000	S
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	4,000	4,000	4,000	2,000	S	1,000	1,000	S
Other	1,000	1,000	1,000	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Electrical/computer engineering	8,000	7,000	7,000	2,000	1,000	4,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	4,000	3,000	3,000	1,000	1,000	1,000	500	1,000
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	6,000	5,000	5,000	1,000	1,000	4,000	3,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Industrial engineering	3,000	3,000	3,000	1,000	500	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	500	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	3,000	2,000	2,000	1,000	S	2,000	1,000	1,000
Other	S	S	S	S	S	S	S	S
Mechanical engineering	4,000	4,000	4,000	1,000	2,000	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	500	500	1,000	1,000	500
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	4,000	4,000	3,000	1,000	1,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other engineering	6,000	5,000	5,000	2,000	1,000	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	1,000	1,000	500	1,000
Black	1,000	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	5,000	5,000	4,000	1,000	500	2,000	1,000	1,000
Other	500	500	500	S	S	S	S	S
S&E-related fields	21,000	19,000	17,000	11,000	3,000	10,000	7,000	6,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	5,000	5,000	4,000	2,000	1,000	1,000	1,000	1,000
Black	5,000	5,000	5,000	1,000	S	1,000	1,000	1,000
Hispanic	4,000	3,000	3,000	2,000	S	2,000	1,000	1,000
White	19,000	18,000	16,000	10,000	3,000	9,000	7,000	6,000
Other	3,000	2,000	2,000	1,000	S	S	S	S
Health	16,000	16,000	14,000	9,000	3,000	8,000	6,000	6,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	4,000	4,000	3,000	2,000	S	1,000	1,000	1,000
Black	4,000	4,000	4,000	1,000	S	1,000	1,000	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	3,000	3,000	2,000	1,000	S	1,000	S	1,000
White	16,000	14,000	13,000	9,000	3,000	8,000	5,000	5,000
Other	2,000	2,000	2,000	500	S	S	S	S
Science/mathematics teacher education	10,000	9,000	8,000	4,000	S	4,000	4,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	S	S	S	S	S
Black	3,000	2,000	2,000	1,000	S	1,000	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S
White	9,000	8,000	8,000	4,000	S	4,000	4,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Technology/technical fields	5,000	4,000	4,000	1,000	500	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	500	S	500
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	4,000	4,000	3,000	S	S	2,000	1,000	S
Other	S	S	S	S	S	S	S	S
Other S&E-related fields	7,000	6,000	6,000	3,000	S	2,000	2,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	6,000	6,000	5,000	3,000	S	2,000	2,000	S
Other	S	S	S	S	S	S	S	S
Non-S&E fields	41,000	36,000	34,000	15,000	6,000	17,000	14,000	9,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	9,000	8,000	7,000	3,000	2,000	3,000	1,000	2,000
Black	11,000	10,000	10,000	3,000	2,000	3,000	3,000	1,000
Hispanic	7,000	7,000	7,000	2,000	1,000	2,000	2,000	2,000
White	37,000	33,000	31,000	13,000	5,000	15,000	13,000	9,000
Other	4,000	4,000	3,000	1,000	S	2,000	1,000	2,000
Arts/humanities	9,000	8,000	6,000	4,000	2,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	1,000	S	S	S	S	S
White	8,000	7,000	6,000	3,000	2,000	3,000	2,000	2,000
Other	500	500	S	S	S	S	S	S
Education, except science/mathematics teacher education	25,000	22,000	21,000	9,000	3,000	11,000	9,000	7,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	3,000	3,000	2,000	2,000	S	1,000	S	S
Black	6,000	6,000	5,000	3,000	1,000	3,000	2,000	S
Hispanic	4,000	4,000	4,000	1,000	S	2,000	1,000	1,000
White	23,000	21,000	20,000	9,000	3,000	10,000	8,000	6,000
Other	2,000	2,000	2,000	S	S	1,000	1,000	S
Management/administration	24,000	22,000	22,000	7,000	4,000	9,000	8,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	7,000	6,000	6,000	2,000	2,000	2,000	1,000	1,000
Black	6,000	6,000	5,000	1,000	S	2,000	2,000	S
Hispanic	5,000	5,000	5,000	1,000	500	1,000	S	1,000
White	23,000	20,000	20,000	6,000	3,000	9,000	7,000	5,000
Other	2,000	2,000	2,000	S	S	500	500	S
Sales/marketing	8,000	7,000	7,000	2,000	2,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	1,000	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	7,000	7,000	6,000	2,000	S	3,000	2,000	2,000
Other	S	S	S	S	S	S	S	S
Social services/related	13,000	12,000	11,000	6,000	1,000	5,000	4,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	S	1,000	S	1,000
Black	4,000	4,000	4,000	1,000	S	1,000	1,000	S
Hispanic	3,000	2,000	2,000	1,000	S	S	S	S
White	12,000	11,000	10,000	6,000	1,000	4,000	3,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other non-S&E fields	13,000	11,000	11,000	5,000	S	6,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	1,000	S	S
Black	4,000	4,000	4,000	S	S	1,000	S	S
Hispanic	2,000	2,000	2,000	S	S	1,000	S	S
White	12,000	11,000	10,000	4,000	S	5,000	4,000	3,000
Other	2,000	1,000	1,000	S	S	S	S	S
Doctorate degrees	10,000	9,000	9,000	4,000	2,000	4,000	4,000	2,000
American Indian/Alaska Native	500	500	500	*	S	*	*	S
Asian	3,000	3,000	3,000	1,000	1,000	1,000	1,000	1,000
Black	2,000	2,000	2,000	1,000	500	1,000	1,000	*
Hispanic	2,000	2,000	1,000	1,000	*	1,000	1,000	1,000
White	9,000	8,000	8,000	3,000	1,000	4,000	4,000	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	1,000	1,000	1,000	500	*	500	500	*
S&E fields	5,000	5,000	5,000	2,000	1,000	2,000	2,000	1,000
American Indian/Alaska Native	500	500	500	*	S	*	*	S
Asian	3,000	2,000	2,000	1,000	500	1,000	500	1,000
Black	1,000	1,000	1,000	500	*	500	500	*
Hispanic	1,000	1,000	1,000	500	*	500	500	500
White	4,000	4,000	4,000	2,000	1,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	500	*	500	500	*
Sciences	4,000	4,000	4,000	1,000	1,000	2,000	2,000	1,000
American Indian/Alaska Native	500	500	500	*	S	*	*	S
Asian	2,000	2,000	2,000	1,000	500	1,000	500	1,000
Black	1,000	1,000	1,000	500	*	500	500	*
Hispanic	1,000	1,000	1,000	500	*	500	500	*
White	3,000	3,000	3,000	1,000	1,000	2,000	1,000	1,000
Other	1,000	1,000	1,000	500	*	500	*	*
Biological/agricultural/environmental life sciences	3,000	3,000	3,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	500	*	*	S	S	S	S	S
Asian	2,000	2,000	2,000	500	500	500	500	500
Black	1,000	1,000	1,000	*	S	*	*	S
Hispanic	1,000	1,000	1,000	*	*	*	*	*
White	2,000	2,000	2,000	1,000	1,000	1,000	1,000	500
Other	500	500	500	*	S	*	*	*
Agricultural/food sciences	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	*	S	S	S	S
Black	500	500	500	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	1,000	500	500	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Biological sciences	3,000	3,000	2,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	2,000	2,000	1,000	500	500	500	500	500
Black	500	500	500	*	S	*	*	S
Hispanic	1,000	500	500	*	*	*	*	*
White	2,000	2,000	2,000	1,000	1,000	1,000	1,000	500
Other	500	500	500	*	S	*	S	*
Environmental life sciences	500	500	500	*	S	500	500	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	*	S	500	500	S
Other	S	S	S	S	S	S	S	S
Computer/mathematical sciences	2,000	2,000	2,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	S	500	*	S
Black	500	500	500	*	S	S	S	S
Hispanic	500	500	500	*	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Computer/information sciences	1,000	1,000	1,000	500	*	500	*	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	*	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	500	*	*	S	S	S	S	S
White	1,000	1,000	1,000	500	S	*	*	S
Other	*	*	*	S	S	S	S	S
Mathematical sciences	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	500	S	*	*	S
Black	500	500	500	*	S	S	S	S
Hispanic	500	500	500	*	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Physical/related sciences	2,000	2,000	2,000	1,000	500	1,000	1,000	1,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	1,000	1,000	1,000	500	*	500	500	500
Black	500	500	500	*	S	*	S	S
Hispanic	500	500	500	*	S	500	500	S
White	2,000	2,000	2,000	1,000	500	1,000	1,000	500
Other	500	500	500	S	S	S	S	S
Chemistry, except biochemistry	2,000	1,000	1,000	500	500	1,000	1,000	500
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	*	500	500	*
Black	500	500	500	*	S	S	S	S
Hispanic	500	500	500	*	S	*	*	S
White	1,000	1,000	1,000	500	500	1,000	1,000	500
Other	500	500	500	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Earth/atmospheric/ocean sciences	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	*	S	*	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	1,000	500	500	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Physics/astronomy	1,000	1,000	1,000	500	500	1,000	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	500	500	*	S	500	*	500
Black	500	500	*	*	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	1,000	1,000	1,000	500	500	500	500	*
Other	*	*	*	S	S	S	S	S
Other physical sciences	500	500	500	*	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	*	*	*	S	S	S	S	S
Black	*	S	S	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	*	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social/related sciences	2,000	2,000	2,000	1,000	500	1,000	1,000	1,000
American Indian/Alaska Native	500	500	500	*	S	S	S	S
Asian	1,000	1,000	1,000	500	*	500	500	500
Black	500	500	500	500	*	500	500	*
Hispanic	500	500	500	500	S	500	*	*
White	1,000	1,000	2,000	1,000	500	1,000	1,000	500
Other	500	500	500	500	S	*	*	S
Economics	1,000	1,000	1,000	500	*	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	*	S	500	*	S
Black	500	500	500	*	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	500	500	500	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Political/related sciences	1,000	1,000	1,000	500	*	500	500	500
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	500	500	500	S	S	*	*	S
Black	500	500	500	*	S	*	*	S
Hispanic	500	*	*	*	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	1,000	1,000	1,000	500	S	500	500	500
Other	*	*	*	S	S	S	S	S
Psychology	1,000	1,000	1,000	1,000	500	500	500	500
American Indian/Alaska Native	*	*	*	*	S	S	S	S
Asian	500	500	500	*	S	*	S	*
Black	500	500	500	500	S	*	*	S
Hispanic	500	500	500	500	S	*	S	*
White	1,000	1,000	1,000	1,000	500	500	500	500
Other	500	500	500	*	S	*	S	S
Sociology/anthropology	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	500	500	500	*	S	*	S	S
Black	500	500	500	*	S	*	*	S
Hispanic	500	500	500	*	S	*	S	S
White	500	1,000	1,000	500	*	500	500	*
Other	500	500	*	*	S	S	S	S
Other social sciences	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	500	500	500	*	S	*	S	S
Black	500	500	500	*	S	*	*	S
Hispanic	500	500	500	*	S	S	S	S
White	1,000	500	500	500	S	500	500	*
Other	*	*	*	S	S	S	S	S
Engineering	2,000	2,000	2,000	1,000	500	1,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	500	500	500	500
Black	500	500	500	*	S	S	S	S
Hispanic	500	500	500	*	S	*	*	S
White	1,000	1,000	1,000	1,000	500	1,000	1,000	500
Other	500	500	500	*	S	S	S	S
Aerospace/related engineering	1,000	1,000	500	500	S	500	500	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	500	S	500	500	S
Other	S	S	S	S	S	S	S	S
Chemical engineering	1,000	1,000	1,000	500	500	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	1,000	1,000	1,000	*	S	500	*	S
Black	*	*	*	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	S
Other	*	*	*	S	S	S	S	S
Civil/architectural engineering	1,000	1,000	1,000	500	S	500	500	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	S	S	*	*	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	500	S	500	500	S
Other	S	S	S	S	S	S	S	S
Electrical/computer engineering	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	S	500	*	*
Black	500	500	500	S	S	S	S	S
Hispanic	500	500	500	*	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Industrial engineering	500	500	500	*	S	*	*	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	*	S	*	*	S
Other	S	S	S	S	S	S	S	S
Mechanical engineering	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	*	S	*	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	500	*	500	500	S
Other	*	*	*	S	S	S	S	S
Other engineering	1,000	1,000	1,000	500	500	1,000	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	*	500	500	*
Black	500	500	500	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	500
Other	*	*	*	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
S&E-related fields	3,000	3,000	3,000	1,000	*	2,000	2,000	500
American Indian/Alaska Native	*	*	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	500	500	S
Black	1,000	1,000	500	500	S	*	S	S
Hispanic	1,000	1,000	1,000	500	S	*	S	S
White	3,000	3,000	2,000	1,000	*	1,000	1,000	500
Other	500	500	*	S	S	S	S	S
Health	2,000	2,000	2,000	1,000	*	500	500	500
American Indian/Alaska Native	*	*	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	500	500	S
Black	1,000	1,000	500	500	S	S	S	S
Hispanic	1,000	1,000	1,000	500	S	*	S	S
White	1,000	1,000	1,000	1,000	*	500	500	500
Other	*	*	*	S	S	S	S	S
Science/mathematics teacher education	2,000	1,000	1,000	500	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	500	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	2,000	1,000	1,000	S	S	1,000	1,000	S
Other	S	S	S	S	S	S	S	S
Technology/technical fields	1,000	1,000	1,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	1,000	1,000	1,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Other S&E-related fields	1,000	1,000	1,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	1,000	1,000	1,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Non-S&E fields	7,000	7,000	6,000	3,000	S	3,000	3,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	1,000	1,000	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	2,000	2,000	1,000	S	S	S	S	S
White	7,000	7,000	6,000	2,000	S	3,000	3,000	1,000
Other	1,000	1,000	500	S	S	S	S	S
Arts/humanities	3,000	3,000	3,000	1,000	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	1,000	1,000	S	S	S	S	S	S
White	3,000	2,000	2,000	500	S	500	500	S
Other	S	S	S	S	S	S	S	S
Education, except science/mathematics teacher education	6,000	5,000	5,000	2,000	S	3,000	3,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	500	500	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	6,000	5,000	5,000	1,000	S	3,000	2,000	S
Other	500	500	S	S	S	S	S	S
Management/administration	3,000	2,000	2,000	1,000	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	2,000	2,000	2,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Sales/marketing	500	500	500	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social services/related	3,000	3,000	3,000	1,000	S	1,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	3,000	3,000	3,000	1,000	S	S	S	S
Other	S	S	S	S	S	S	S	S
Other non-S&E fields	3,000	3,000	3,000	1,000	S	2,000	2,000	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity[a]	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S
White	3,000	3,000	3,000	1,000	S	2,000	2,000	S
Other	S	S	S	S	S	S	S	S

* = standard error is not calculated when estimate is less than 500; 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.

TABLE A-10. Standard errors for U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
All degree levels and fields[a]	91,000	83,000	81,000	41,000	16,000	41,000	34,000	28,000
<30	33,000	31,000	28,000	11,000	5,000	9,000	S	9,000
30–39	43,000	40,000	41,000	19,000	8,000	18,000	3,000	17,000
40–49	52,000	49,000	47,000	20,000	9,000	16,000	4,000	16,000
50–59	48,000	45,000	42,000	21,000	8,000	17,000	11,000	13,000
60+	44,000	29,000	25,000	17,000	7,000	32,000	31,000	8,000
S&E fields	73,000	66,000	65,000	26,000	13,000	33,000	25,000	23,000
<30	23,000	21,000	21,000	8,000	4,000	8,000	S	8,000
30–39	34,000	33,000	32,000	12,000	7,000	13,000	2,000	13,000
40–49	36,000	32,000	32,000	14,000	7,000	13,000	2,000	13,000
50–59	36,000	33,000	32,000	14,000	7,000	13,000	8,000	10,000
60+	31,000	20,000	17,000	12,000	5,000	23,000	22,000	7,000
Sciences	68,000	63,000	59,000	25,000	13,000	31,000	22,000	23,000
<30	21,000	20,000	19,000	8,000	4,000	8,000	S	8,000
30–39	33,000	32,000	31,000	12,000	6,000	13,000	2,000	13,000
40–49	33,000	30,000	29,000	13,000	6,000	12,000	2,000	12,000
50–59	36,000	33,000	31,000	14,000	7,000	13,000	7,000	10,000
60+	28,000	18,000	15,000	11,000	5,000	21,000	20,000	7,000
Biological/agricultural/environmental life sciences	30,000	28,000	25,000	11,000	5,000	13,000	9,000	10,000
<30	8,000	8,000	8,000	4,000	2,000	5,000	S	5,000
30–39	17,000	17,000	16,000	5,000	3,000	5,000	*	5,000
40–49	17,000	15,000	15,000	5,000	3,000	5,000	*	5,000
50–59	14,000	13,000	13,000	6,000	2,000	4,000	3,000	4,000
60+	11,000	7,000	6,000	4,000	2,000	8,000	8,000	2,000
Computer/mathematical sciences	25,000	23,000	22,000	9,000	5,000	11,000	7,000	8,000
<30	7,000	7,000	7,000	2,000	2,000	2,000	S	2,000
30–39	12,000	12,000	12,000	3,000	3,000	4,000	S	4,000
40–49	16,000	14,000	13,000	5,000	3,000	4,000	1,000	4,000
50–59	10,000	10,000	9,000	4,000	2,000	5,000	3,000	4,000
60+	9,000	6,000	4,000	4,000	1,000	7,000	7,000	3,000
Physical/related sciences	16,000	14,000	13,000	5,000	3,000	8,000	7,000	4,000
<30	3,000	3,000	3,000	1,000	500	1,000	S	1,000
30–39	7,000	6,000	6,000	2,000	1,000	2,000	*	2,000
40–49	9,000	9,000	8,000	2,000	1,000	2,000	500	2,000
50–59	9,000	8,000	7,000	3,000	2,000	4,000	2,000	2,000
60+	9,000	5,000	5,000	3,000	2,000	7,000	6,000	2,000
Social/related sciences	54,000	50,000	46,000	21,000	9,000	23,000	16,000	19,000
<30	17,000	15,000	15,000	7,000	3,000	6,000	S	6,000
30–39	30,000	26,000	25,000	10,000	4,000	11,000	2,000	11,000

TABLE A-10. Standard errors for U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
40–49	24,000	22,000	20,000	12,000	4,000	9,000	2,000	9,000
50–59	30,000	26,000	25,000	10,000	5,000	11,000	7,000	8,000
60+	22,000	15,000	12,000	9,000	4,000	15,000	15,000	5,000
Engineering	32,000	27,000	27,000	7,000	4,000	13,000	12,000	6,000
<30	5,000	5,000	5,000	2,000	1,000	2,000	S	2,000
30–39	12,000	11,000	11,000	3,000	2,000	2,000	500	2,000
40–49	16,000	15,000	15,000	3,000	2,000	4,000	1,000	4,000
50–59	12,000	12,000	12,000	3,000	2,000	4,000	3,000	2,000
60+	14,000	8,000	7,000	5,000	2,000	11,000	11,000	2,000
S&E-related fields	46,000	43,000	37,000	23,000	6,000	19,000	15,000	13,000
<30	15,000	14,000	12,000	6,000	2,000	4,000	S	4,000
30–39	22,000	21,000	20,000	12,000	3,000	8,000	S	8,000
40–49	24,000	23,000	22,000	15,000	4,000	10,000	3,000	9,000
50–59	23,000	21,000	19,000	12,000	3,000	10,000	7,000	7,000
60+	18,000	14,000	11,000	9,000	2,000	13,000	13,000	4,000
Non-S&E fields	53,000	47,000	42,000	18,000	7,000	21,000	16,000	12,000
<30	11,000	11,000	10,000	2,000	2,000	2,000	S	2,000
30–39	26,000	24,000	23,000	9,000	4,000	7,000	S	7,000
40–49	29,000	28,000	25,000	10,000	4,000	7,000	2,000	7,000
50–59	27,000	25,000	23,000	9,000	3,000	8,000	6,000	5,000
60+	22,000	16,000	14,000	9,000	3,000	14,000	14,000	3,000
Bachelor's degrees	76,000	70,000	68,000	33,000	13,000	33,000	28,000	24,000
<30	30,000	29,000	26,000	10,000	5,000	8,000	S	8,000
30–39	37,000	35,000	34,000	16,000	7,000	16,000	2,000	15,000
40–49	40,000	38,000	35,000	17,000	7,000	14,000	3,000	13,000
50–59	36,000	33,000	31,000	17,000	7,000	14,000	9,000	11,000
60+	33,000	19,000	16,000	11,000	5,000	26,000	25,000	7,000
S&E fields	68,000	61,000	60,000	24,000	12,000	31,000	23,000	21,000
<30	22,000	21,000	20,000	8,000	4,000	8,000	S	8,000
30–39	33,000	31,000	31,000	12,000	6,000	13,000	2,000	13,000
40–49	33,000	30,000	29,000	13,000	6,000	12,000	2,000	12,000
50–59	32,000	29,000	28,000	13,000	6,000	12,000	8,000	9,000
60+	28,000	16,000	14,000	10,000	5,000	22,000	20,000	6,000
Sciences	65,000	60,000	57,000	23,000	12,000	29,000	21,000	22,000
<30	20,000	19,000	19,000	8,000	4,000	8,000	S	8,000
30–39	32,000	31,000	30,000	11,000	6,000	13,000	2,000	13,000
40–49	31,000	28,000	26,000	13,000	6,000	11,000	2,000	11,000
50–59	33,000	30,000	28,000	12,000	6,000	12,000	7,000	9,000
60+	24,000	14,000	13,000	8,000	5,000	19,000	18,000	6,000

TABLE A-10. Standard errors for U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Biological/agricultural/environmental life sciences	29,000	27,000	24,000	10,000	5,000	12,000	8,000	9,000
<30	8,000	8,000	8,000	4,000	2,000	5,000	S	5,000
30–39	17,000	16,000	15,000	5,000	3,000	5,000	S	5,000
40–49	16,000	14,000	14,000	5,000	3,000	5,000	S	5,000
50–59	13,000	13,000	12,000	5,000	2,000	4,000	2,000	3,000
60+	9,000	5,000	5,000	3,000	1,000	8,000	8,000	2,000
Computer/mathematical sciences	23,000	21,000	20,000	9,000	5,000	10,000	6,000	7,000
<30	7,000	7,000	7,000	2,000	2,000	2,000	S	2,000
30–39	12,000	11,000	11,000	3,000	2,000	4,000	S	4,000
40–49	13,000	13,000	12,000	5,000	3,000	4,000	S	4,000
50–59	9,000	8,000	8,000	4,000	2,000	5,000	3,000	4,000
60+	7,000	5,000	4,000	3,000	1,000	6,000	5,000	2,000
Physical/related sciences	15,000	13,000	12,000	4,000	3,000	8,000	7,000	4,000
<30	3,000	3,000	3,000	1,000	500	1,000	S	1,000
30–39	7,000	6,000	6,000	2,000	1,000	2,000	S	2,000
40–49	9,000	8,000	8,000	2,000	500	2,000	S	2,000
50–59	8,000	7,000	7,000	2,000	2,000	4,000	2,000	2,000
60+	8,000	4,000	4,000	2,000	2,000	6,000	6,000	S
Social/related sciences	50,000	46,000	43,000	20,000	9,000	22,000	14,000	18,000
<30	16,000	15,000	14,000	6,000	3,000	6,000	S	6,000
30–39	28,000	25,000	23,000	10,000	4,000	11,000	S	11,000
40–49	22,000	21,000	18,000	11,000	4,000	8,000	2,000	8,000
50–59	26,000	23,000	22,000	9,000	5,000	10,000	6,000	8,000
60+	18,000	12,000	10,000	7,000	4,000	13,000	13,000	4,000
Engineering	29,000	24,000	24,000	7,000	4,000	11,000	10,000	5,000
<30	5,000	5,000	5,000	1,000	1,000	1,000	S	1,000
30–39	11,000	11,000	11,000	3,000	2,000	2,000	S	2,000
40–49	13,000	12,000	12,000	3,000	2,000	4,000	1,000	4,000
50–59	11,000	11,000	11,000	3,000	2,000	4,000	3,000	2,000
60+	13,000	8,000	6,000	4,000	2,000	10,000	10,000	1,000
S&E-related fields	41,000	38,000	33,000	21,000	5,000	17,000	13,000	12,000
<30	12,000	11,000	9,000	5,000	1,000	3,000	S	3,000
30–39	18,000	17,000	16,000	11,000	3,000	7,000	S	7,000
40–49	21,000	21,000	19,000	12,000	3,000	8,000	2,000	7,000
50–59	19,000	18,000	17,000	10,000	2,000	8,000	5,000	6,000
60+	15,000	10,000	8,000	6,000	2,000	12,000	12,000	3,000
Non-S&E fields	29,000	28,000	24,000	10,000	3,000	7,000	5,000	5,000
<30	4,000	4,000	4,000	S	S	S	S	S
30–39	13,000	13,000	12,000	6,000	1,000	3,000	S	3,000

TABLE A-10. Standard errors for U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
40–49	17,000	16,000	15,000	5,000	2,000	3,000	S	3,000
50–59	14,000	13,000	12,000	5,000	2,000	4,000	2,000	3,000
60+	8,000	7,000	6,000	3,000	1,000	5,000	5,000	S
Master's degrees	51,000	46,000	43,000	21,000	8,000	22,000	18,000	13,000
<30	11,000	11,000	10,000	4,000	1,000	2,000	S	2,000
30–39	24,000	23,000	23,000	9,000	4,000	8,000	S	8,000
40–49	29,000	27,000	25,000	9,000	4,000	8,000	2,000	7,000
50–59	28,000	26,000	25,000	12,000	3,000	8,000	6,000	6,000
60+	23,000	18,000	15,000	12,000	4,000	17,000	17,000	3,000
S&E fields	30,000	26,000	23,000	10,000	4,000	14,000	11,000	7,000
<30	5,000	5,000	4,000	2,000	1,000	1,000	S	1,000
30–39	10,000	10,000	10,000	4,000	2,000	4,000	S	4,000
40–49	13,000	13,000	12,000	5,000	2,000	4,000	1,000	4,000
50–59	16,000	15,000	14,000	5,000	2,000	5,000	4,000	3,000
60+	15,000	11,000	9,000	7,000	2,000	10,000	10,000	3,000
Sciences	27,000	22,000	20,000	10,000	3,000	12,000	10,000	6,000
<30	4,000	4,000	4,000	2,000	1,000	1,000	S	1,000
30–39	9,000	9,000	9,000	4,000	1,000	3,000	S	3,000
40–49	13,000	12,000	12,000	4,000	2,000	4,000	1,000	3,000
50–59	14,000	13,000	12,000	5,000	2,000	4,000	3,000	3,000
60+	14,000	10,000	8,000	6,000	1,000	10,000	9,000	2,000
Biological/agricultural/environmental life sciences	9,000	8,000	8,000	4,000	1,000	5,000	4,000	2,000
<30	1,000	1,000	1,000	1,000	500	1,000	S	1,000
30–39	4,000	4,000	4,000	2,000	500	1,000	S	1,000
40–49	5,000	5,000	5,000	2,000	*	1,000	S	1,000
50–59	5,000	5,000	4,000	1,000	1,000	1,000	1,000	1,000
60+	5,000	3,000	3,000	2,000	S	4,000	4,000	S
Computer/mathematical sciences	12,000	10,000	10,000	3,000	2,000	4,000	4,000	2,000
<30	2,000	2,000	2,000	1,000	500	1,000	S	1,000
30–39	5,000	5,000	5,000	1,000	1,000	1,000	S	1,000
40–49	6,000	6,000	6,000	2,000	1,000	1,000	S	1,000
50–59	6,000	6,000	5,000	2,000	500	2,000	1,000	1,000
60+	5,000	3,000	3,000	2,000	1,000	4,000	3,000	S
Physical/related sciences	7,000	6,000	5,000	3,000	1,000	3,000	3,000	1,000
<30	1,000	1,000	1,000	500	S	500	S	500
30–39	2,000	2,000	2,000	500	S	1,000	S	1,000
40–49	3,000	3,000	3,000	1,000	S	1,000	S	1,000
50–59	3,000	3,000	3,000	2,000	S	1,000	S	S
60+	4,000	3,000	2,000	2,000	500	3,000	3,000	S

TABLE A-10. Standard errors for U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Social/related sciences	20,000	17,000	15,000	8,000	2,000	10,000	8,000	5,000
<30	3,000	3,000	3,000	1,000	500	1,000	S	1,000
30–39	7,000	7,000	7,000	3,000	1,000	3,000	S	2,000
40–49	9,000	8,000	7,000	4,000	2,000	3,000	S	3,000
50–59	12,000	11,000	10,000	4,000	1,000	4,000	3,000	2,000
60+	11,000	8,000	6,000	5,000	1,000	8,000	8,000	2,000
Engineering	13,000	12,000	11,000	3,000	2,000	7,000	6,000	3,000
<30	2,000	3,000	2,000	1,000	500	1,000	S	1,000
30–39	5,000	5,000	5,000	1,000	1,000	1,000	S	1,000
40–49	7,000	7,000	7,000	1,000	1,000	1,000	S	1,000
50–59	5,000	5,000	5,000	2,000	1,000	1,000	1,000	1,000
60+	7,000	4,000	4,000	2,000	2,000	6,000	5,000	1,000
S&E-related fields	21,000	19,000	17,000	11,000	3,000	10,000	7,000	6,000
<30	6,000	6,000	5,000	3,000	500	1,000	S	1,000
30–39	11,000	10,000	10,000	5,000	1,000	3,000	S	3,000
40–49	13,000	12,000	12,000	5,000	2,000	4,000	S	4,000
50–59	11,000	11,000	9,000	6,000	2,000	4,000	3,000	3,000
60+	9,000	7,000	4,000	5,000	1,000	7,000	7,000	2,000
Non-S&E fields	41,000	36,000	34,000	15,000	6,000	17,000	14,000	9,000
<30	8,000	8,000	7,000	2,000	1,000	1,000	S	1,000
30–39	20,000	18,000	18,000	7,000	3,000	6,000	S	6,000
40–49	20,000	20,000	18,000	7,000	3,000	5,000	S	5,000
50–59	20,000	19,000	18,000	8,000	2,000	6,000	5,000	4,000
60+	17,000	12,000	10,000	7,000	3,000	12,000	12,000	2,000
Doctorate degrees	10,000	9,000	9,000	4,000	2,000	4,000	4,000	2,000
<30	2,000	2,000	2,000	500	*	*	S	*
30–39	4,000	4,000	4,000	1,000	1,000	1,000	500	1,000
40–49	5,000	4,000	4,000	1,000	500	1,000	500	1,000
50–59	6,000	6,000	5,000	2,000	1,000	2,000	2,000	500
60+	5,000	4,000	4,000	2,000	500	3,000	3,000	1,000
S&E fields	5,000	5,000	5,000	2,000	1,000	2,000	2,000	1,000
<30	1,000	1,000	1,000	500	*	*	S	*
30–39	3,000	2,000	2,000	1,000	1,000	500	500	500
40–49	3,000	3,000	3,000	1,000	500	1,000	500	1,000
50–59	2,000	2,000	2,000	1,000	500	1,000	500	500
60+	2,000	2,000	2,000	1,000	500	2,000	2,000	1,000
Sciences	4,000	4,000	4,000	1,000	1,000	2,000	2,000	1,000
<30	1,000	1,000	1,000	500	S	*	S	*
30–39	2,000	2,000	2,000	1,000	1,000	500	500	500

TABLE A-10. Standard errors for U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
40–49	3,000	3,000	3,000	1,000	500	1,000	500	1,000
50–59	2,000	2,000	2,000	1,000	500	1,000	500	500
60+	2,000	2,000	2,000	1,000	500	2,000	1,000	500
Biological/agricultural/environmental life sciences	3,000	3,000	3,000	1,000	1,000	1,000	1,000	500
<30	1,000	1,000	1,000	S	S	S	S	S
30–39	2,000	1,000	1,000	500	1,000	500	*	500
40–49	2,000	2,000	2,000	500	500	500	*	500
50–59	1,000	1,000	1,000	1,000	500	500	500	500
60+	1,000	1,000	1,000	1,000	500	1,000	1,000	*
Computer/mathematical sciences	2,000	2,000	2,000	500	*	500	500	*
<30	1,000	1,000	1,000	S	S	S	S	S
30–39	1,000	1,000	1,000	500	S	*	S	*
40–49	1,000	1,000	1,000	500	S	*	*	*
50–59	1,000	1,000	1,000	500	S	*	*	S
60+	1,000	1,000	1,000	500	*	500	500	S
Physical/related sciences	2,000	2,000	2,000	1,000	500	1,000	1,000	1,000
<30	500	500	500	S	S	S	S	S
30–39	1,000	1,000	1,000	500	*	500	*	*
40–49	1,000	1,000	1,000	500	500	500	*	500
50–59	1,000	1,000	1,000	500	500	500	500	*
60+	1,000	1,000	1,000	500	500	1,000	1,000	500
Social/related sciences	2,000	2,000	2,000	1,000	500	1,000	1,000	1,000
<30	500	500	500	500	S	S	S	S
30–39	1,000	1,000	1,000	500	*	500	*	500
40–49	1,000	1,000	1,000	500	*	500	*	500
50–59	1,000	1,000	1,000	1,000	500	1,000	500	500
60+	1,000	1,000	1,000	1,000	500	1,000	1,000	500
Engineering	2,000	2,000	2,000	1,000	500	1,000	1,000	500
<30	500	500	500	S	S	S	S	S
30–39	1,000	1,000	1,000	500	*	500	*	*
40–49	1,000	1,000	1,000	500	*	500	*	500
50–59	1,000	1,000	1,000	500	500	500	500	*
60+	1,000	1,000	1,000	1,000	500	1,000	1,000	500
S&E-related fields	3,000	3,000	3,000	1,000	*	2,000	2,000	500
<30	1,000	1,000	1,000	S	S	S	S	S
30–39	2,000	2,000	1,000	1,000	S	*	S	*
40–49	2,000	2,000	2,000	500	S	*	S	*
50–59	2,000	2,000	2,000	1,000	*	1,000	1,000	*
60+	2,000	1,000	1,000	500	S	1,000	1,000	*

TABLE A-10. Standard errors for U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Non-S&E fields	7,000	7,000	6,000	3,000	S	3,000	3,000	1,000
<30	1,000	1,000	1,000	S	S	S	S	S
30–39	3,000	2,000	2,000	S	S	S	S	S
40–49	3,000	3,000	3,000	1,000	S	S	S	S
50–59	5,000	5,000	4,000	2,000	S	2,000	2,000	S
60+	4,000	4,000	3,000	2,000	S	3,000	3,000	S

* = standard error is not calculated when estimate is less than 500; 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. 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.

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
All degree levels and fields[b]	91,000	7,000	24,000	21,000	21,000	82,000	13,000
Male	66,000	5,000	18,000	13,000	15,000	60,000	9,000
Female	59,000	5,000	17,000	17,000	13,000	55,000	9,000
S&E fields	73,000	5,000	18,000	15,000	16,000	65,000	10,000
Male	58,000	4,000	14,000	10,000	12,000	52,000	7,000
Female	43,000	3,000	12,000	12,000	10,000	39,000	7,000
Sciences	68,000	5,000	15,000	15,000	15,000	62,000	9,000
Male	50,000	4,000	10,000	10,000	10,000	45,000	6,000
Female	43,000	3,000	12,000	12,000	10,000	40,000	7,000
Biological/agricultural/environmental life sciences	30,000	2,000	8,000	6,000	7,000	27,000	4,000
Male	21,000	1,000	5,000	3,000	4,000	20,000	3,000
Female	20,000	1,000	6,000	5,000	5,000	19,000	3,000
Agricultural/food sciences	14,000	1,000	3,000	1,000	2,000	13,000	2,000
Male	10,000	S	2,000	1,000	2,000	10,000	2,000
Female	8,000	S	2,000	1,000	1,000	8,000	1,000
Biological sciences	25,000	1,000	8,000	5,000	6,000	23,000	3,000
Male	17,000	1,000	5,000	3,000	4,000	16,000	2,000
Female	18,000	1,000	6,000	5,000	5,000	17,000	2,000
Environmental life sciences	10,000	1,000	1,000	1,000	1,000	10,000	2,000
Male	9,000	500	1,000	500	1,000	8,000	2,000
Female	6,000	1,000	1,000	500	500	6,000	500
Computer/mathematical sciences	25,000	2,000	9,000	6,000	6,000	24,000	4,000
Male	18,000	2,000	7,000	4,000	5,000	19,000	4,000
Female	18,000	1,000	7,000	4,000	3,000	15,000	1,000
Computer/information sciences	18,000	2,000	8,000	6,000	6,000	18,000	4,000
Male	14,000	2,000	7,000	3,000	5,000	16,000	4,000
Female	11,000	1,000	5,000	4,000	3,000	9,000	1,000
Mathematical sciences	18,000	500	5,000	3,000	2,000	16,000	2,000
Male	13,000	S	3,000	3,000	2,000	12,000	2,000
Female	12,000	S	4,000	2,000	1,000	11,000	1,000
Physical/related sciences	16,000	1,000	5,000	3,000	3,000	14,000	2,000
Male	14,000	1,000	4,000	2,000	3,000	13,000	1,000
Female	9,000	1,000	3,000	2,000	2,000	8,000	1,000
Chemistry, except biochemistry	13,000	1,000	4,000	2,000	2,000	12,000	1,000
Male	10,000	*	3,000	1,000	2,000	9,000	1,000
Female	7,000	1,000	3,000	1,000	1,000	6,000	1,000
Earth/atmospheric/ocean sciences	10,000	500	1,000	500	1,000	10,000	1,000
Male	9,000	*	1,000	500	1,000	9,000	1,000
Female	4,000	*	1,000	*	1,000	4,000	500
Physics/astronomy	7,000	1,000	3,000	1,000	1,000	6,000	500
Male	6,000	1,000	2,000	1,000	1,000	6,000	500
Female	3,000	S	2,000	1,000	500	2,000	*
Other physical sciences	5,000	S	1,000	1,000	1,000	5,000	1,000
Male	4,000	S	500	1,000	500	4,000	S
Female	4,000	S	500	1,000	1,000	3,000	S
Social/related sciences	54,000	4,000	10,000	12,000	11,000	51,000	7,000
Male	37,000	2,000	7,000	8,000	7,000	34,000	5,000
Female	38,000	3,000	8,000	10,000	9,000	35,000	6,000

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Economics	21,000	*	7,000	3,000	4,000	19,000	2,000
Male	18,000	S	5,000	3,000	3,000	17,000	2,000
Female	12,000	S	5,000	1,000	3,000	11,000	1,000
Political/related sciences	25,000	1,000	5,000	6,000	5,000	23,000	3,000
Male	20,000	1,000	3,000	4,000	4,000	19,000	3,000
Female	15,000	1,000	3,000	4,000	3,000	13,000	2,000
Psychology	31,000	2,000	5,000	7,000	6,000	30,000	5,000
Male	17,000	2,000	4,000	4,000	3,000	15,000	3,000
Female	25,000	2,000	5,000	6,000	5,000	24,000	4,000
Sociology/anthropology	23,000	2,000	4,000	7,000	5,000	22,000	3,000
Male	14,000	1,000	2,000	4,000	3,000	12,000	3,000
Female	20,000	2,000	3,000	6,000	4,000	19,000	3,000
Other social sciences	18,000	2,000	3,000	5,000	5,000	16,000	2,000
Male	12,000	1,000	1,000	3,000	2,000	12,000	1,000
Female	14,000	1,000	3,000	3,000	4,000	12,000	2,000
Engineering	32,000	1,000	10,000	5,000	7,000	28,000	4,000
Male	30,000	1,000	9,000	4,000	6,000	26,000	3,000
Female	10,000	500	4,000	3,000	3,000	8,000	1,000
Aerospace/related engineering	6,000	500	1,000	1,000	1,000	6,000	1,000
Male	6,000	S	1,000	1,000	1,000	6,000	1,000
Female	2,000	S	500	*	*	2,000	*
Chemical engineering	8,000	1,000	3,000	1,000	1,000	7,000	1,000
Male	7,000	1,000	2,000	1,000	1,000	7,000	500
Female	3,000	S	1,000	1,000	1,000	3,000	1,000
Civil/architectural engineering	11,000	500	4,000	2,000	3,000	10,000	2,000
Male	11,000	500	3,000	2,000	3,000	10,000	2,000
Female	4,000	S	1,000	1,000	1,000	3,000	1,000
Electrical/computer engineering	15,000	500	7,000	3,000	3,000	13,000	2,000
Male	14,000	500	6,000	3,000	3,000	12,000	2,000
Female	6,000	S	3,000	2,000	2,000	4,000	1,000
Industrial engineering	9,000	S	3,000	2,000	2,000	9,000	1,000
Male	8,000	S	2,000	1,000	2,000	8,000	1,000
Female	4,000	S	1,000	1,000	1,000	3,000	*
Mechanical engineering	14,000	1,000	4,000	2,000	2,000	14,000	1,000
Male	14,000	1,000	4,000	2,000	2,000	13,000	1,000
Female	4,000	S	1,000	500	1,000	3,000	500
Other engineering	13,000	S	3,000	2,000	3,000	11,000	1,000
Male	12,000	S	3,000	1,000	3,000	11,000	1,000
Female	4,000	S	2,000	1,000	1,000	3,000	500
S&E-related fields	46,000	4,000	14,000	10,000	11,000	42,000	7,000
Male	28,000	2,000	9,000	6,000	7,000	25,000	5,000
Female	35,000	3,000	11,000	9,000	8,000	33,000	5,000
Health	40,000	3,000	13,000	9,000	9,000	36,000	7,000
Male	21,000	1,000	6,000	4,000	5,000	19,000	4,000
Female	33,000	3,000	11,000	8,000	7,000	30,000	5,000
Science/mathematics teacher education	18,000	1,000	2,000	3,000	3,000	16,000	2,000
Male	11,000	S	1,000	2,000	2,000	11,000	1,000

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Female	13,000	1,000	2,000	3,000	2,000	12,000	1,000
Technology/technical fields	14,000	1,000	4,000	3,000	3,000	12,000	2,000
Male	14,000	S	4,000	3,000	3,000	12,000	2,000
Female	5,000	S	2,000	1,000	1,000	5,000	S
Other S&E-related fields	15,000	S	3,000	3,000	4,000	14,000	1,000
Male	12,000	S	3,000	3,000	3,000	12,000	1,000
Female	7,000	S	2,000	1,000	2,000	7,000	S
Non-S&E fields	53,000	4,000	11,000	13,000	9,000	49,000	5,000
Male	36,000	3,000	8,000	7,000	7,000	33,000	4,000
Female	37,000	3,000	8,000	10,000	7,000	34,000	4,000
Arts/humanities	14,000	S	4,000	2,000	3,000	14,000	1,000
Male	11,000	S	2,000	1,000	2,000	10,000	1,000
Female	11,000	S	3,000	2,000	2,000	10,000	1,000
Education, except science/mathematics teacher education	27,000	3,000	3,000	7,000	5,000	27,000	2,000
Male	17,000	1,000	2,000	4,000	2,000	16,000	2,000
Female	22,000	2,000	3,000	6,000	4,000	21,000	2,000
Management/administration	30,000	2,000	8,000	6,000	6,000	28,000	3,000
Male	23,000	2,000	6,000	5,000	5,000	22,000	2,000
Female	16,000	1,000	5,000	5,000	3,000	14,000	2,000
Sales/marketing	10,000	S	2,000	2,000	2,000	9,000	1,000
Male	8,000	S	2,000	1,000	1,000	7,000	S
Female	6,000	S	1,000	1,000	2,000	6,000	S
Social services/related	15,000	S	3,000	4,000	3,000	14,000	1,000
Male	11,000	S	2,000	3,000	2,000	10,000	1,000
Female	10,000	S	2,000	3,000	2,000	10,000	1,000
Other non-S&E fields	26,000	2,000	5,000	6,000	5,000	24,000	4,000
Male	19,000	2,000	3,000	4,000	3,000	18,000	3,000
Female	18,000	1,000	4,000	5,000	4,000	17,000	2,000
Bachelor's degrees	76,000	6,000	19,000	17,000	18,000	66,000	12,000
Male	56,000	4,000	14,000	10,000	12,000	48,000	8,000
Female	50,000	4,000	15,000	14,000	12,000	45,000	8,000
S&E fields	68,000	5,000	17,000	14,000	16,000	62,000	9,000
Male	52,000	4,000	12,000	10,000	11,000	46,000	6,000
Female	40,000	3,000	11,000	11,000	9,000	37,000	6,000
Sciences	65,000	4,000	15,000	15,000	14,000	59,000	8,000
Male	47,000	3,000	10,000	10,000	9,000	42,000	6,000
Female	40,000	3,000	11,000	11,000	10,000	37,000	6,000
Biological/agricultural/environmental life sciences	29,000	2,000	7,000	5,000	6,000	26,000	4,000
Male	20,000	1,000	4,000	3,000	4,000	19,000	3,000
Female	20,000	1,000	6,000	5,000	5,000	19,000	2,000
Agricultural/food sciences	13,000	1,000	3,000	1,000	2,000	12,000	2,000
Male	10,000	S	2,000	1,000	2,000	9,000	1,000
Female	8,000	S	2,000	1,000	1,000	8,000	1,000
Biological sciences	25,000	1,000	7,000	5,000	6,000	23,000	3,000
Male	16,000	1,000	4,000	2,000	4,000	16,000	2,000
Female	17,000	1,000	5,000	5,000	4,000	17,000	2,000
Environmental life sciences	9,000	1,000	1,000	500	1,000	9,000	1,000

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Male	8,000	S	500	500	1,000	7,000	1,000
Female	5,000	S	1,000	*	500	5,000	S
Computer/mathematical sciences	23,000	2,000	9,000	6,000	6,000	22,000	4,000
Male	17,000	2,000	6,000	4,000	5,000	18,000	4,000
Female	16,000	1,000	6,000	4,000	3,000	13,000	1,000
Computer/information sciences	15,000	2,000	8,000	5,000	6,000	16,000	3,000
Male	13,000	2,000	6,000	3,000	4,000	14,000	3,000
Female	10,000	1,000	5,000	4,000	3,000	9,000	1,000
Mathematical sciences	17,000	*	4,000	3,000	2,000	15,000	2,000
Male	12,000	S	2,000	2,000	2,000	11,000	2,000
Female	12,000	S	3,000	2,000	1,000	10,000	1,000
Physical/related sciences	15,000	1,000	4,000	2,000	3,000	13,000	1,000
Male	12,000	500	3,000	2,000	2,000	11,000	1,000
Female	9,000	1,000	3,000	2,000	2,000	8,000	1,000
Chemistry, except biochemistry	11,000	1,000	3,000	2,000	2,000	11,000	1,000
Male	9,000	S	2,000	1,000	2,000	8,000	1,000
Female	6,000	S	2,000	1,000	1,000	6,000	1,000
Earth/atmospheric/ocean sciences	8,000	*	1,000	500	1,000	8,000	500
Male	7,000	S	1,000	500	1,000	7,000	500
Female	4,000	S	*	S	1,000	4,000	*
Physics/astronomy	7,000	*	3,000	1,000	1,000	5,000	500
Male	6,000	S	2,000	500	1,000	5,000	500
Female	2,000	S	2,000	1,000	500	2,000	S
Other physical sciences	5,000	S	1,000	1,000	1,000	5,000	S
Male	4,000	S	S	1,000	500	3,000	S
Female	4,000	S	500	1,000	1,000	3,000	S
Social/related sciences	50,000	4,000	10,000	12,000	10,000	46,000	7,000
Male	34,000	2,000	7,000	8,000	6,000	31,000	4,000
Female	34,000	3,000	8,000	9,000	8,000	32,000	5,000
Economics	20,000	S	7,000	3,000	4,000	18,000	2,000
Male	17,000	S	4,000	3,000	3,000	16,000	2,000
Female	11,000	S	5,000	1,000	2,000	9,000	1,000
Political/related sciences	23,000	1,000	4,000	5,000	4,000	21,000	3,000
Male	18,000	S	3,000	4,000	3,000	17,000	3,000
Female	14,000	1,000	3,000	4,000	3,000	12,000	2,000
Psychology	27,000	2,000	4,000	7,000	5,000	26,000	4,000
Male	15,000	S	4,000	4,000	3,000	14,000	2,000
Female	22,000	1,000	4,000	6,000	5,000	21,000	4,000
Sociology/anthropology	23,000	2,000	4,000	7,000	4,000	22,000	3,000
Male	13,000	1,000	2,000	4,000	3,000	11,000	2,000
Female	20,000	2,000	3,000	5,000	3,000	19,000	3,000
Other social sciences	16,000	2,000	3,000	4,000	4,000	15,000	2,000
Male	11,000	1,000	1,000	3,000	2,000	10,000	1,000
Female	13,000	S	3,000	3,000	4,000	11,000	2,000
Engineering	29,000	1,000	9,000	5,000	6,000	25,000	3,000
Male	27,000	1,000	8,000	4,000	5,000	24,000	3,000
Female	9,000	500	3,000	2,000	2,000	8,000	1,000

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Aerospace/related engineering	6,000	500	1,000	1,000	1,000	5,000	1,000
Male	6,000	S	1,000	1,000	1,000	5,000	1,000
Female	2,000	S	*	*	*	2,000	*
Chemical engineering	7,000	1,000	2,000	1,000	1,000	7,000	1,000
Male	7,000	1,000	2,000	1,000	1,000	6,000	500
Female	3,000	S	1,000	1,000	1,000	3,000	1,000
Civil/architectural engineering	10,000	500	3,000	2,000	3,000	9,000	2,000
Male	10,000	500	3,000	2,000	3,000	9,000	2,000
Female	3,000	S	1,000	1,000	1,000	3,000	1,000
Electrical/computer engineering	13,000	500	5,000	3,000	3,000	11,000	2,000
Male	12,000	500	5,000	3,000	3,000	11,000	2,000
Female	5,000	S	2,000	2,000	1,000	4,000	500
Industrial engineering	9,000	S	2,000	2,000	2,000	8,000	1,000
Male	8,000	S	2,000	1,000	2,000	7,000	500
Female	3,000	S	1,000	1,000	1,000	3,000	*
Mechanical engineering	13,000	500	4,000	2,000	2,000	13,000	1,000
Male	13,000	500	4,000	2,000	2,000	12,000	1,000
Female	4,000	S	1,000	500	500	3,000	500
Other engineering	11,000	S	3,000	1,000	3,000	10,000	1,000
Male	11,000	S	2,000	1,000	2,000	10,000	500
Female	4,000	S	2,000	1,000	1,000	3,000	500
S&E-related fields	41,000	3,000	12,000	8,000	9,000	36,000	6,000
Male	21,000	2,000	7,000	5,000	5,000	18,000	4,000
Female	33,000	2,000	10,000	7,000	7,000	29,000	5,000
Health	35,000	2,000	10,000	7,000	6,000	30,000	6,000
Male	12,000	1,000	4,000	3,000	3,000	11,000	4,000
Female	31,000	2,000	9,000	7,000	6,000	26,000	5,000
Science/mathematics teacher education	13,000	S	2,000	2,000	2,000	13,000	500
Male	8,000	S	1,000	2,000	1,000	8,000	S
Female	10,000	S	2,000	1,000	2,000	10,000	S
Technology/technical fields	13,000	1,000	4,000	3,000	3,000	11,000	2,000
Male	13,000	S	3,000	3,000	3,000	11,000	2,000
Female	5,000	S	2,000	1,000	1,000	4,000	S
Other S&E-related fields	12,000	S	3,000	2,000	3,000	12,000	1,000
Male	11,000	S	3,000	2,000	3,000	10,000	1,000
Female	6,000	S	2,000	S	2,000	6,000	S
Non-S&E fields	29,000	3,000	5,000	6,000	4,000	26,000	3,000
Male	20,000	2,000	3,000	3,000	3,000	18,000	2,000
Female	21,000	3,000	4,000	5,000	3,000	18,000	1,000
Arts/humanities	12,000	S	2,000	2,000	2,000	12,000	1,000
Male	9,000	S	1,000	1,000	2,000	9,000	500
Female	8,000	S	2,000	1,000	1,000	8,000	S
Education, except science/mathematics teacher education	11,000	S	2,000	3,000	2,000	11,000	1,000
Male	6,000	S	1,000	1,000	1,000	6,000	S
Female	10,000	S	1,000	3,000	1,000	10,000	1,000
Management/administration	18,000	2,000	4,000	4,000	3,000	16,000	2,000
Male	13,000	S	2,000	2,000	2,000	12,000	2,000
Female	10,000	S	3,000	3,000	2,000	9,000	1,000

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Sales/marketing	6,000	S	S	1,000	1,000	6,000	S
Male	4,000	S	S	S	S	4,000	S
Female	4,000	S	S	S	S	4,000	S
Social services/related	5,000	S	1,000	2,000	S	5,000	S
Male	4,000	S	1,000	1,000	S	4,000	S
Female	3,000	S	S	1,000	S	3,000	S
Other non-S&E fields	11,000	S	1,000	3,000	2,000	10,000	1,000
Male	8,000	S	1,000	1,000	1,000	7,000	1,000
Female	8,000	S	1,000	3,000	2,000	7,000	S
Master's degrees	51,000	3,000	14,000	12,000	9,000	47,000	6,000
Male	35,000	2,000	9,000	8,000	6,000	32,000	5,000
Female	34,000	2,000	9,000	9,000	7,000	32,000	4,000
S&E fields	30,000	2,000	9,000	6,000	6,000	27,000	4,000
Male	22,000	1,000	7,000	4,000	4,000	20,000	3,000
Female	19,000	1,000	6,000	4,000	4,000	17,000	2,000
Sciences	27,000	2,000	8,000	5,000	5,000	24,000	4,000
Male	18,000	1,000	5,000	3,000	3,000	16,000	3,000
Female	18,000	1,000	5,000	4,000	4,000	16,000	2,000
Biological/agricultural/environmental life sciences	9,000	1,000	3,000	2,000	2,000	8,000	2,000
Male	7,000	S	2,000	1,000	1,000	6,000	1,000
Female	6,000	*	2,000	1,000	1,000	5,000	1,000
Agricultural/food sciences	3,000	S	1,000	1,000	1,000	3,000	1,000
Male	3,000	S	500	1,000	1,000	2,000	S
Female	2,000	S	1,000	*	1,000	2,000	S
Biological sciences	8,000	*	3,000	1,000	2,000	7,000	1,000
Male	6,000	S	2,000	1,000	1,000	5,000	1,000
Female	6,000	S	2,000	1,000	1,000	5,000	500
Environmental life sciences	4,000	S	1,000	500	500	4,000	1,000
Male	3,000	S	1,000	S	*	3,000	S
Female	3,000	S	*	500	*	3,000	S
Computer/mathematical sciences	12,000	1,000	5,000	2,000	2,000	10,000	2,000
Male	10,000	S	4,000	1,000	2,000	8,000	2,000
Female	6,000	S	3,000	2,000	1,000	5,000	1,000
Computer/information sciences	10,000	S	5,000	2,000	2,000	8,000	2,000
Male	9,000	S	4,000	1,000	2,000	7,000	2,000
Female	5,000	S	3,000	1,000	1,000	4,000	1,000
Mathematical sciences	6,000	S	2,000	1,000	1,000	6,000	500
Male	5,000	S	2,000	1,000	500	5,000	500
Female	4,000	S	2,000	1,000	500	3,000	S
Physical/related sciences	7,000	1,000	3,000	1,000	1,000	6,000	1,000
Male	6,000	S	2,000	1,000	1,000	5,000	1,000
Female	3,000	S	2,000	500	500	3,000	*
Chemistry, except biochemistry	4,000	S	2,000	500	500	3,000	500
Male	3,000	S	1,000	500	500	3,000	500
Female	2,000	S	1,000	*	*	2,000	S
Earth/atmospheric/ocean sciences	4,000	S	1,000	*	500	4,000	500
Male	4,000	S	1,000	*	500	4,000	500

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Female	2,000	S	1,000	S	*	2,000	*
Physics/astronomy	3,000	S	2,000	500	1,000	3,000	*
Male	3,000	S	1,000	500	1,000	3,000	*
Female	1,000	S	1,000	S	*	1,000	S
Other physical sciences	1,000	S	S	500	S	1,000	S
Male	1,000	S	S	S	S	1,000	S
Female	1,000	S	S	S	S	1,000	S
Social/related sciences	20,000	1,000	3,000	4,000	4,000	18,000	3,000
Male	13,000	1,000	2,000	3,000	3,000	12,000	2,000
Female	16,000	1,000	3,000	4,000	3,000	14,000	2,000
Economics	7,000	S	2,000	1,000	1,000	6,000	*
Male	5,000	S	1,000	1,000	1,000	5,000	S
Female	4,000	S	1,000	500	1,000	4,000	S
Political/related sciences	9,000	S	2,000	2,000	2,000	8,000	1,000
Male	7,000	S	1,000	1,000	1,000	7,000	1,000
Female	5,000	S	1,000	2,000	1,000	4,000	*
Psychology	15,000	1,000	2,000	3,000	3,000	13,000	2,000
Male	8,000	S	1,000	1,000	2,000	7,000	2,000
Female	13,000	1,000	2,000	3,000	2,000	12,000	1,000
Sociology/anthropology	5,000	S	1,000	1,000	2,000	5,000	1,000
Male	4,000	S	500	1,000	1,000	4,000	S
Female	3,000	S	1,000	1,000	1,000	3,000	500
Other social sciences	6,000	S	1,000	2,000	2,000	6,000	1,000
Male	4,000	S	500	1,000	1,000	4,000	500
Female	5,000	S	1,000	1,000	1,000	4,000	1,000
Engineering	13,000	1,000	5,000	2,000	3,000	11,000	1,000
Male	12,000	S	5,000	1,000	2,000	11,000	1,000
Female	5,000	S	2,000	1,000	1,000	4,000	500
Aerospace/related engineering	2,000	S	1,000	S	1,000	2,000	500
Male	2,000	S	1,000	S	1,000	2,000	500
Female	500	S	*	S	*	500	S
Chemical engineering	3,000	S	2,000	500	1,000	2,000	S
Male	3,000	S	2,000	500	*	2,000	S
Female	1,000	S	500	*	1,000	1,000	S
Civil/architectural engineering	5,000	S	2,000	500	1,000	4,000	1,000
Male	5,000	S	2,000	500	1,000	4,000	1,000
Female	2,000	S	1,000	*	500	2,000	S
Electrical/computer engineering	8,000	S	4,000	1,000	1,000	6,000	1,000
Male	7,000	S	3,000	1,000	1,000	6,000	1,000
Female	3,000	S	2,000	500	1,000	2,000	S
Industrial engineering	3,000	S	1,000	1,000	1,000	3,000	S
Male	3,000	S	1,000	1,000	1,000	2,000	S
Female	1,000	S	500	*	500	1,000	S
Mechanical engineering	4,000	S	2,000	500	1,000	4,000	1,000
Male	4,000	S	2,000	500	1,000	4,000	1,000
Female	1,000	S	500	*	*	1,000	S
Other engineering	6,000	S	2,000	1,000	1,000	5,000	500

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Male	5,000	S	2,000	1,000	1,000	5,000	500
Female	2,000	S	1,000	500	500	2,000	*
S&E-related fields	21,000	1,000	5,000	5,000	4,000	19,000	3,000
Male	12,000	500	3,000	3,000	2,000	11,000	2,000
Female	17,000	1,000	4,000	4,000	3,000	16,000	2,000
Health	16,000	1,000	4,000	4,000	3,000	16,000	2,000
Male	8,000	500	2,000	2,000	1,000	7,000	2,000
Female	15,000	1,000	4,000	4,000	3,000	14,000	1,000
Science/mathematics teacher education	10,000	S	2,000	3,000	2,000	9,000	1,000
Male	7,000	S	1,000	2,000	1,000	6,000	S
Female	8,000	S	1,000	2,000	1,000	7,000	1,000
Technology/technical fields	5,000	S	2,000	1,000	1,000	4,000	S
Male	4,000	S	2,000	1,000	1,000	3,000	S
Female	3,000	S	1,000	S	S	2,000	S
Other S&E-related fields	7,000	S	2,000	1,000	1,000	6,000	S
Male	6,000	S	1,000	1,000	1,000	5,000	S
Female	4,000	S	1,000	S	1,000	3,000	S
Non-S&E fields	41,000	2,000	9,000	11,000	7,000	37,000	4,000
Male	28,000	2,000	6,000	6,000	5,000	26,000	3,000
Female	28,000	1,000	6,000	8,000	5,000	25,000	3,000
Arts/humanities	9,000	S	3,000	1,000	2,000	8,000	500
Male	5,000	S	2,000	S	1,000	5,000	S
Female	6,000	S	3,000	S	1,000	6,000	S
Education, except science/mathematics teacher education	25,000	1,000	3,000	6,000	4,000	23,000	2,000
Male	15,000	1,000	2,000	3,000	2,000	14,000	2,000
Female	19,000	1,000	3,000	5,000	4,000	18,000	2,000
Management/administration	24,000	1,000	7,000	6,000	5,000	23,000	2,000
Male	19,000	1,000	5,000	4,000	4,000	19,000	1,000
Female	13,000	S	4,000	3,000	3,000	12,000	2,000
Sales/marketing	8,000	S	2,000	1,000	2,000	7,000	S
Male	7,000	S	1,000	1,000	1,000	6,000	S
Female	5,000	S	1,000	1,000	2,000	4,000	S
Social services/related	13,000	S	2,000	4,000	3,000	12,000	1,000
Male	9,000	S	1,000	3,000	2,000	8,000	S
Female	10,000	S	2,000	3,000	2,000	9,000	1,000
Other non-S&E fields	13,000	S	3,000	4,000	2,000	12,000	2,000
Male	10,000	S	2,000	2,000	1,000	10,000	2,000
Female	10,000	S	2,000	3,000	2,000	9,000	1,000
Doctorate degrees	10,000	500	3,000	2,000	2,000	9,000	1,000
Male	8,000	500	3,000	2,000	1,000	7,000	1,000
Female	5,000	500	2,000	1,000	2,000	5,000	1,000
S&E fields	5,000	500	3,000	1,000	1,000	4,000	1,000
Male	4,000	500	2,000	1,000	1,000	3,000	1,000
Female	2,000	*	1,000	500	1,000	2,000	500
Sciences	4,000	500	2,000	1,000	1,000	3,000	1,000
Male	3,000	500	2,000	1,000	1,000	3,000	1,000
Female	2,000	*	1,000	500	1,000	2,000	500

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Biological/agricultural/environmental life sciences	3,000	500	2,000	1,000	1,000	2,000	500
Male	3,000	*	1,000	1,000	1,000	2,000	500
Female	1,000	*	1,000	500	500	1,000	500
Agricultural/food sciences	1,000	S	500	500	500	1,000	*
Male	1,000	S	500	500	500	500	*
Female	500	S	500	*	*	500	S
Biological sciences	3,000	*	2,000	500	1,000	2,000	500
Male	2,000	*	1,000	500	500	2,000	500
Female	1,000	*	1,000	500	500	1,000	500
Environmental life sciences	500	S	500	*	*	500	S
Male	500	S	*	*	*	500	S
Female	500	S	*	S	*	500	S
Computer/mathematical sciences	2,000	S	1,000	500	500	1,000	*
Male	1,000	S	1,000	500	500	1,000	*
Female	1,000	S	500	*	500	500	*
Computer/information sciences	1,000	S	1,000	*	500	1,000	*
Male	1,000	S	1,000	*	500	1,000	*
Female	500	S	500	*	*	500	S
Mathematical sciences	1,000	S	500	500	500	1,000	*
Male	1,000	S	500	500	500	1,000	*
Female	500	S	500	*	500	500	*
Physical/related sciences	2,000	*	1,000	500	500	2,000	500
Male	2,000	*	1,000	500	500	2,000	500
Female	1,000	S	1,000	500	500	1,000	*
Chemistry, except biochemistry	2,000	*	1,000	500	500	1,000	500
Male	1,000	*	1,000	500	500	1,000	500
Female	1,000	S	1,000	500	500	500	*
Earth/atmospheric/ocean sciences	1,000	S	500	*	*	1,000	*
Male	1,000	S	500	*	*	500	*
Female	500	S	500	S	*	500	S
Physics/astronomy	1,000	S	1,000	500	500	1,000	*
Male	1,000	S	500	500	500	1,000	*
Female	500	S	500	*	*	500	S
Other physical sciences	500	S	*	*	*	500	S
Male	500	S	*	S	S	500	S
Female	500	S	*	S	S	500	S
Social/related sciences	2,000	500	1,000	500	500	1,000	500
Male	1,000	*	1,000	500	500	1,000	500
Female	1,000	*	500	500	500	1,000	500
Economics	1,000	S	500	500	500	500	*
Male	1,000	S	500	500	500	500	*
Female	500	S	500	*	*	500	S
Political/related sciences	1,000	*	500	500	500	1,000	*
Male	1,000	S	500	500	*	1,000	*
Female	500	S	*	*	*	500	*
Psychology	1,000	*	500	500	500	1,000	500
Male	1,000	*	500	500	500	500	500
Female	1,000	*	500	500	500	1,000	500

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Sociology/anthropology	1,000	*	500	500	500	500	500
Male	500	S	500	500	500	500	*
Female	500	*	500	500	500	500	*
Other social sciences	1,000	*	500	500	500	1,000	*
Male	500	S	500	500	*	500	*
Female	500	*	500	500	*	500	*
Engineering	2,000	S	1,000	500	500	1,000	500
Male	2,000	S	1,000	500	500	1,000	500
Female	500	S	500	*	*	500	*
Aerospace/related engineering	1,000	S	500	*	*	500	S
Male	1,000	S	500	*	*	500	S
Female	*	S	S	S	S	*	S
Chemical engineering	1,000	S	1,000	*	500	1,000	*
Male	1,000	S	1,000	*	500	1,000	*
Female	500	S	500	*	S	500	S
Civil/architectural engineering	1,000	S	500	*	*	500	S
Male	1,000	S	500	*	*	500	S
Female	500	S	*	S	S	500	S
Electrical/computer engineering	1,000	S	1,000	500	500	1,000	*
Male	1,000	S	1,000	500	500	1,000	*
Female	500	S	500	*	*	500	S
Industrial engineering	500	S	500	*	*	500	S
Male	500	S	500	*	S	500	S
Female	500	S	S	S	S	500	S
Mechanical engineering	1,000	S	500	*	*	500	*
Male	1,000	S	500	*	*	500	*
Female	500	S	*	S	S	*	S
Other engineering	1,000	S	1,000	500	500	1,000	*
Male	1,000	S	1,000	500	500	1,000	*
Female	500	S	500	*	*	500	S
S&E-related fields	3,000	*	1,000	1,000	1,000	3,000	500
Male	3,000	S	1,000	1,000	1,000	3,000	500
Female	2,000	*	1,000	500	1,000	2,000	*
Health	2,000	*	1,000	1,000	1,000	1,000	*
Male	1,000	S	1,000	1,000	1,000	1,000	*
Female	2,000	*	1,000	500	1,000	1,000	*
Science/mathematics teacher education	2,000	S	S	500	S	2,000	S
Male	2,000	S	S	S	S	2,000	S
Female	1,000	S	S	S	S	1,000	S
Technology/technical fields	1,000	S	1,000	S	S	1,000	S
Male	1,000	S	500	S	S	1,000	S
Female	S	S	S	S	S	S	S
Other S&E-related fields	1,000	S	S	S	S	1,000	S
Male	1,000	S	S	S	S	S	S
Female	500	S	S	S	S	500	S
Non-S&E fields	7,000	S	1,000	1,000	2,000	7,000	1,000
Male	6,000	S	1,000	1,000	1,000	6,000	S

TABLE A-11. Standard errors for U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 2006

Level and field of highest degree and sex	All scientists and engineers	Race/ethnicity[a]					
		American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Female	4,000	S	1,000	1,000	1,000	4,000	500
Arts/humanities	3,000	S	S	S	1,000	3,000	S
Male	2,000	S	S	S	S	2,000	S
Female	2,000	S	S	S	S	1,000	S
Education, except science/mathematics teacher education	6,000	S	500	1,000	1,000	6,000	500
Male	4,000	S	S	1,000	1,000	4,000	S
Female	4,000	S	500	1,000	1,000	4,000	500
Management/administration	3,000	S	1,000	S	S	2,000	S
Male	2,000	S	1,000	S	S	2,000	S
Female	1,000	S	S	S	S	1,000	S
Sales/marketing	500	S	S	S	S	S	S
Male	500	S	S	S	S	S	S
Female	S	S	S	S	S	S	S
Social services/related	3,000	S	S	1,000	S	3,000	S
Male	3,000	S	S	1,000	S	3,000	S
Female	1,000	S	S	S	S	1,000	S
Other non-S&E fields	3,000	S	S	S	1,000	3,000	S
Male	3,000	S	S	S	S	2,000	S
Female	2,000	S	S	S	S	2,000	S

* = standard error is not calculated when estimate is less than 500; 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.

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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[a]	83,000	70,000	63,000	28,000	32,000	40,000	25,000	31,000	32,000	20,000	27,000
Male	61,000	53,000	50,000	21,000	17,000	23,000	15,000	18,000	26,000	15,000	21,000
Female	53,000	48,000	37,000	19,000	28,000	34,000	19,000	28,000	21,000	13,000	18,000
S&E fields	66,000	59,000	51,000	18,000	20,000	25,000	15,000	20,000	24,000	14,000	20,000
Male	53,000	47,000	44,000	13,000	11,000	14,000	11,000	10,000	20,000	11,000	16,000
Female	37,000	35,000	26,000	12,000	17,000	19,000	10,000	17,000	14,000	8,000	12,000
Sciences	63,000	54,000	46,000	17,000	20,000	24,000	15,000	20,000	23,000	13,000	19,000
Male	47,000	40,000	37,000	13,000	11,000	14,000	10,000	10,000	18,000	10,000	15,000
Female	38,000	35,000	26,000	12,000	17,000	19,000	10,000	16,000	14,000	8,000	12,000
Biological/agricultural/environmental life sciences	28,000	25,000	22,000	9,000	9,000	11,000	8,000	9,000	11,000	7,000	9,000
Male	20,000	18,000	17,000	6,000	5,000	7,000	5,000	5,000	9,000	6,000	7,000
Female	18,000	16,000	13,000	6,000	8,000	9,000	6,000	7,000	6,000	4,000	5,000
Agricultural/food sciences	13,000	12,000	10,000	5,000	3,000	4,000	3,000	3,000	5,000	4,000	3,000
Male	9,000	8,000	7,000	4,000	2,000	3,000	3,000	2,000	4,000	3,000	3,000
Female	8,000	7,000	6,000	3,000	2,000	3,000	2,000	2,000	3,000	1,000	2,000
Biological sciences	24,000	21,000	19,000	7,000	8,000	10,000	7,000	7,000	8,000	5,000	7,000
Male	16,000	15,000	14,000	5,000	4,000	6,000	5,000	4,000	6,000	4,000	5,000
Female	16,000	14,000	10,000	4,000	7,000	9,000	6,000	6,000	5,000	3,000	5,000
Environmental life sciences	9,000	7,000	6,000	2,000	3,000	2,000	2,000	2,000	5,000	3,000	4,000
Male	8,000	6,000	5,000	2,000	2,000	2,000	2,000	1,000	4,000	2,000	4,000
Female	5,000	5,000	4,000	1,000	2,000	1,000	1,000	1,000	3,000	2,000	2,000
Computer/mathematical sciences	23,000	21,000	19,000	6,000	6,000	8,000	5,000	6,000	7,000	5,000	5,000
Male	17,000	16,000	15,000	4,000	4,000	6,000	4,000	4,000	6,000	4,000	4,000
Female	15,000	12,000	11,000	4,000	4,000	7,000	3,000	6,000	4,000	3,000	3,000
Computer/information sciences	17,000	16,000	14,000	4,000	4,000	6,000	4,000	4,000	6,000	4,000	4,000
Male	14,000	13,000	12,000	3,000	3,000	4,000	3,000	2,000	5,000	4,000	4,000
Female	10,000	9,000	8,000	3,000	3,000	4,000	2,000	4,000	3,000	2,000	2,000
Mathematical sciences	16,000	14,000	12,000	4,000	4,000	6,000	3,000	5,000	4,000	2,000	3,000
Male	11,000	11,000	10,000	3,000	2,000	4,000	2,000	3,000	3,000	2,000	2,000
Female	10,000	8,000	7,000	3,000	3,000	5,000	2,000	5,000	2,000	1,000	2,000
Physical/related sciences	14,000	12,000	12,000	5,000	3,000	6,000	4,000	5,000	5,000	3,000	4,000
Male	13,000	12,000	10,000	4,000	2,000	5,000	3,000	4,000	5,000	3,000	4,000
Female	8,000	6,000	5,000	2,000	3,000	4,000	3,000	3,000	3,000	2,000	2,000
Chemistry, except biochemistry	11,000	9,000	8,000	3,000	3,000	4,000	3,000	3,000	3,000	2,000	3,000
Male	9,000	8,000	7,000	2,000	1,000	3,000	1,000	2,000	3,000	1,000	3,000

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	5,000	5,000	4,000	1,000	2,000	3,000	2,000	2,000	2,000	1,000	1,000
Earth/atmospheric/ocean sciences	8,000	7,000	6,000	2,000	1,000	3,000	2,000	3,000	4,000	2,000	3,000
Male	7,000	6,000	6,000	2,000	1,000	3,000	1,000	2,000	3,000	2,000	2,000
Female	4,000	2,000	2,000	1,000	1,000	2,000	1,000	1,000	2,000	1,000	2,000
Physics/astronomy	6,000	5,000	5,000	2,000	1,000	3,000	2,000	2,000	2,000	2,000	1,000
Male	5,000	5,000	4,000	2,000	1,000	2,000	2,000	1,000	1,000	1,000	500
Female	2,000	2,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000
Other physical sciences	5,000	4,000	3,000	2,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000
Male	4,000	3,000	2,000	2,000	500	2,000	1,000	500	2,000	1,000	1,000
Female	3,000	3,000	2,000	1,000	1,000	2,000	1,000	1,000	500	500	500
Social/related sciences	50,000	41,000	35,000	14,000	15,000	20,000	10,000	17,000	18,000	11,000	15,000
Male	35,000	29,000	26,000	10,000	8,000	10,000	7,000	7,000	14,000	8,000	11,000
Female	33,000	29,000	23,000	11,000	13,000	15,000	8,000	15,000	11,000	6,000	10,000
Economics	19,000	18,000	17,000	7,000	5,000	5,000	4,000	3,000	4,000	3,000	3,000
Male	18,000	17,000	16,000	5,000	4,000	4,000	3,000	2,000	4,000	3,000	3,000
Female	10,000	9,000	8,000	4,000	3,000	3,000	2,000	2,000	2,000	1,000	2,000
Political/related sciences	22,000	19,000	16,000	6,000	6,000	6,000	4,000	5,000	9,000	6,000	7,000
Male	17,000	15,000	13,000	5,000	3,000	4,000	3,000	3,000	7,000	5,000	5,000
Female	13,000	11,000	9,000	4,000	4,000	4,000	2,000	4,000	4,000	3,000	4,000
Psychology	26,000	21,000	18,000	8,000	9,000	14,000	6,000	13,000	11,000	5,000	10,000
Male	15,000	13,000	10,000	5,000	4,000	5,000	3,000	4,000	7,000	4,000	6,000
Female	21,000	17,000	14,000	6,000	9,000	13,000	5,000	12,000	8,000	4,000	7,000
Sociology/anthropology	20,000	18,000	14,000	7,000	8,000	9,000	5,000	8,000	10,000	5,000	9,000
Male	13,000	11,000	9,000	4,000	4,000	4,000	2,000	3,000	8,000	4,000	7,000
Female	16,000	14,000	11,000	5,000	7,000	8,000	4,000	7,000	6,000	3,000	6,000
Other social sciences	15,000	13,000	12,000	5,000	4,000	7,000	4,000	6,000	6,000	5,000	5,000
Male	11,000	10,000	9,000	3,000	2,000	4,000	2,000	3,000	5,000	4,000	3,000
Female	12,000	9,000	8,000	3,000	3,000	6,000	3,000	5,000	4,000	2,000	4,000
Engineering	27,000	26,000	25,000	6,000	4,000	6,000	4,000	4,000	8,000	5,000	7,000
Male	27,000	25,000	24,000	6,000	3,000	5,000	4,000	3,000	7,000	5,000	6,000
Female	9,000	8,000	7,000	3,000	2,000	3,000	2,000	2,000	3,000	2,000	2,000
Aerospace/related engineering	6,000	5,000	5,000	1,000	1,000	1,000	1,000	1,000	2,000	1,000	1,000
Male	5,000	5,000	5,000	500	500	1,000	1,000	S	2,000	1,000	S
Female	2,000	2,000	1,000	S	1,000	500	500	S	500	500	S
Chemical engineering	7,000	6,000	6,000	1,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	6,000	1,000	1,000	2,000	2,000	500	1,000	1,000	1,000
Female	3,000	2,000	2,000	500	1,000	1,000	500	1,000	1,000	1,000	1,000
Civil/architectural engineering	11,000	9,000	9,000	3,000	1,000	2,000	1,000	1,000	5,000	2,000	5,000
Male	11,000	9,000	9,000	3,000	1,000	2,000	1,000	1,000	5,000	2,000	4,000
Female	4,000	3,000	3,000	1,000	S	1,000	500	1,000	2,000	1,000	2,000
Electrical/computer engineering	14,000	14,000	13,000	3,000	2,000	2,000	2,000	1,000	4,000	3,000	2,000
Male	13,000	13,000	13,000	3,000	2,000	2,000	2,000	1,000	4,000	3,000	2,000
Female	5,000	5,000	4,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Industrial engineering	8,000	7,000	7,000	2,000	2,000	2,000	1,000	1,000	2,000	1,000	2,000
Male	7,000	7,000	6,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	3,000	3,000	2,000	1,000	1,000	1,000	500	1,000	2,000	1,000	1,000
Mechanical engineering	13,000	12,000	12,000	3,000	1,000	2,000	2,000	2,000	4,000	3,000	2,000
Male	13,000	12,000	12,000	3,000	1,000	2,000	2,000	1,000	4,000	3,000	2,000
Female	3,000	3,000	3,000	1,000	*	1,000	500	1,000	500	500	*
Other engineering	11,000	10,000	9,000	3,000	1,000	3,000	2,000	2,000	3,000	2,000	2,000
Male	10,000	9,000	9,000	2,000	1,000	2,000	2,000	1,000	3,000	2,000	2,000
Female	3,000	3,000	2,000	1,000	500	2,000	1,000	1,000	1,000	1,000	1,000
S&E-related fields	43,000	38,000	33,000	15,000	21,000	22,000	15,000	17,000	15,000	9,000	12,000
Male	27,000	23,000	22,000	11,000	10,000	12,000	8,000	8,000	9,000	6,000	7,000
Female	33,000	30,000	23,000	10,000	18,000	19,000	13,000	14,000	12,000	6,000	10,000
Health	35,000	32,000	27,000	13,000	21,000	17,000	15,000	12,000	13,000	8,000	11,000
Male	20,000	18,000	16,000	9,000	10,000	7,000	7,000	4,000	7,000	5,000	5,000
Female	30,000	27,000	21,000	9,000	18,000	16,000	13,000	11,000	11,000	6,000	9,000
Science/mathematics teacher education	16,000	9,000	7,000	4,000	2,000	12,000	3,000	11,000	3,000	1,000	3,000
Male	10,000	6,000	5,000	3,000	1,000	7,000	2,000	7,000	2,000	1,000	2,000
Female	12,000	7,000	5,000	3,000	2,000	9,000	2,000	9,000	2,000	1,000	2,000
Technology/technical fields	13,000	13,000	12,000	4,000	3,000	4,000	3,000	3,000	4,000	3,000	3,000
Male	13,000	12,000	11,000	4,000	2,000	3,000	2,000	3,000	4,000	3,000	3,000
Female	5,000	4,000	4,000	1,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000
Other S&E-related fields	14,000	13,000	11,000	6,000	3,000	3,000	2,000	3,000	5,000	2,000	4,000
Male	12,000	12,000	10,000	5,000	1,000	2,000	1,000	2,000	4,000	2,000	4,000
Female	7,000	6,000	6,000	2,000	2,000	3,000	2,000	2,000	2,000	1,000	2,000
Non-S&E fields	47,000	38,000	31,000	14,000	16,000	26,000	12,000	22,000	17,000	10,000	14,000
Male	34,000	28,000	25,000	12,000	10,000	18,000	8,000	15,000	14,000	9,000	11,000
Female	32,000	26,000	20,000	8,000	13,000	18,000	8,000	16,000	12,000	5,000	10,000

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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
Arts/humanities	13,000	12,000	10,000	4,000	5,000	7,000	4,000	5,000	4,000	2,000	4,000
Male	10,000	8,000	7,000	2,000	3,000	5,000	3,000	4,000	4,000	2,000	3,000
Female	10,000	8,000	6,000	3,000	4,000	5,000	3,000	4,000	3,000	1,000	3,000
Education, except science/mathematics teacher education	24,000	12,000	10,000	5,000	6,000	21,000	6,000	19,000	5,000	3,000	5,000
Male	16,000	7,000	5,000	3,000	3,000	13,000	3,000	13,000	4,000	2,000	3,000
Female	19,000	10,000	8,000	4,000	5,000	16,000	5,000	15,000	4,000	1,000	4,000
Management/administration	27,000	24,000	23,000	7,000	7,000	7,000	6,000	6,000	9,000	5,000	7,000
Male	21,000	20,000	19,000	6,000	5,000	6,000	5,000	4,000	7,000	5,000	6,000
Female	14,000	12,000	11,000	4,000	5,000	5,000	3,000	4,000	5,000	3,000	4,000
Sales/marketing	9,000	9,000	8,000	2,000	3,000	2,000	2,000	2,000	2,000	1,000	2,000
Male	7,000	7,000	7,000	1,000	1,000	2,000	1,000	1,000	2,000	S	2,000
Female	5,000	5,000	4,000	1,000	3,000	1,000	S	S	S	S	S
Social services/related	14,000	12,000	7,000	4,000	8,000	6,000	4,000	5,000	5,000	2,000	5,000
Male	10,000	8,000	5,000	3,000	5,000	5,000	3,000	4,000	4,000	2,000	3,000
Female	10,000	8,000	5,000	3,000	6,000	5,000	2,000	4,000	5,000	1,000	5,000
Other non-S&E fields	25,000	20,000	17,000	10,000	7,000	8,000	5,000	6,000	13,000	6,000	12,000
Male	18,000	16,000	14,000	8,000	4,000	6,000	4,000	3,000	10,000	6,000	9,000
Female	18,000	14,000	12,000	5,000	6,000	6,000	4,000	5,000	9,000	3,000	8,000
Bachelor's degrees	70,000	62,000	55,000	21,000	27,000	29,000	18,000	24,000	28,000	15,000	23,000
Male	50,000	46,000	43,000	15,000	14,000	14,000	10,000	10,000	21,000	12,000	17,000
Female	45,000	40,000	33,000	15,000	23,000	25,000	14,000	22,000	17,000	9,000	15,000
S&E fields	61,000	55,000	47,000	16,000	18,000	22,000	13,000	18,000	23,000	12,000	19,000
Male	47,000	42,000	40,000	12,000	10,000	12,000	9,000	9,000	19,000	10,000	15,000
Female	35,000	33,000	25,000	11,000	15,000	17,000	8,000	15,000	13,000	7,000	11,000
Sciences	60,000	52,000	44,000	16,000	18,000	21,000	12,000	17,000	22,000	12,000	17,000
Male	44,000	38,000	34,000	12,000	10,000	12,000	9,000	8,000	17,000	10,000	13,000
Female	35,000	33,000	25,000	11,000	15,000	16,000	8,000	15,000	12,000	7,000	11,000
Biological/agricultural/environmental life sciences	27,000	24,000	21,000	8,000	9,000	10,000	7,000	8,000	10,000	6,000	8,000
Male	19,000	17,000	16,000	6,000	4,000	6,000	5,000	4,000	8,000	5,000	6,000
Female	18,000	16,000	12,000	6,000	7,000	8,000	6,000	6,000	6,000	3,000	5,000
Agricultural/food sciences	12,000	12,000	10,000	5,000	2,000	4,000	2,000	3,000	5,000	4,000	3,000
Male	9,000	8,000	7,000	3,000	1,000	3,000	2,000	2,000	4,000	3,000	3,000
Female	8,000	7,000	6,000	3,000	2,000	2,000	1,000	2,000	3,000	1,000	2,000
Biological sciences	23,000	21,000	18,000	6,000	8,000	10,000	7,000	7,000	7,000	4,000	6,000
Male	15,000	14,000	13,000	5,000	4,000	5,000	4,000	3,000	6,000	3,000	5,000

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	16,000	13,000	10,000	4,000	7,000	8,000	6,000	6,000	5,000	3,000	4,000
Environmental life sciences	8,000	6,000	6,000	2,000	3,000	2,000	2,000	1,000	4,000	2,000	4,000
Male	7,000	5,000	5,000	1,000	1,000	2,000	1,000	1,000	4,000	2,000	3,000
Female	5,000	4,000	4,000	1,000	2,000	1,000	1,000	1,000	2,000	1,000	2,000
Computer/mathematical sciences	21,000	20,000	18,000	5,000	5,000	7,000	4,000	6,000	6,000	5,000	5,000
Male	16,000	15,000	15,000	4,000	4,000	5,000	3,000	3,000	5,000	4,000	4,000
Female	14,000	11,000	10,000	3,000	4,000	6,000	2,000	5,000	3,000	2,000	3,000
Computer/information sciences	15,000	14,000	13,000	3,000	4,000	5,000	4,000	4,000	5,000	4,000	4,000
Male	12,000	12,000	11,000	2,000	3,000	4,000	3,000	2,000	5,000	3,000	3,000
Female	9,000	8,000	7,000	2,000	3,000	3,000	2,000	3,000	3,000	2,000	2,000
Mathematical sciences	15,000	13,000	12,000	4,000	4,000	6,000	2,000	5,000	3,000	2,000	3,000
Male	11,000	10,000	10,000	3,000	2,000	3,000	2,000	2,000	3,000	2,000	2,000
Female	9,000	8,000	7,000	2,000	3,000	5,000	1,000	5,000	2,000	1,000	2,000
Physical/related sciences	13,000	12,000	11,000	4,000	3,000	5,000	4,000	3,000	5,000	3,000	4,000
Male	12,000	11,000	10,000	4,000	2,000	4,000	2,000	3,000	4,000	2,000	4,000
Female	7,000	5,000	5,000	2,000	3,000	4,000	3,000	2,000	3,000	2,000	2,000
Chemistry, except biochemistry	10,000	8,000	8,000	2,000	3,000	4,000	2,000	3,000	3,000	2,000	3,000
Male	8,000	7,000	7,000	2,000	1,000	2,000	1,000	2,000	3,000	1,000	3,000
Female	5,000	4,000	4,000	1,000	2,000	3,000	2,000	2,000	1,000	1,000	1,000
Earth/atmospheric/ocean sciences	7,000	6,000	6,000	2,000	1,000	2,000	1,000	2,000	3,000	2,000	3,000
Male	6,000	6,000	6,000	2,000	S	2,000	500	2,000	3,000	1,000	2,000
Female	3,000	2,000	2,000	500	1,000	2,000	1,000	1,000	2,000	1,000	2,000
Physics/astronomy	6,000	5,000	4,000	2,000	1,000	2,000	2,000	2,000	2,000	1,000	1,000
Male	5,000	5,000	4,000	2,000	500	2,000	1,000	1,000	1,000	1,000	*
Female	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	S
Other physical sciences	4,000	4,000	3,000	2,000	S	2,000	2,000	1,000	2,000	1,000	1,000
Male	3,000	3,000	2,000	S	S	S	S	S	2,000	1,000	1,000
Female	3,000	2,000	2,000	S	S	1,000	S	S	500	500	500
Social/related sciences	46,000	37,000	32,000	13,000	14,000	18,000	8,000	16,000	17,000	10,000	14,000
Male	32,000	27,000	24,000	9,000	7,000	8,000	6,000	6,000	13,000	8,000	11,000
Female	29,000	26,000	21,000	9,000	11,000	14,000	6,000	13,000	10,000	5,000	9,000
Economics	19,000	17,000	16,000	7,000	5,000	4,000	3,000	3,000	4,000	3,000	3,000
Male	17,000	16,000	15,000	5,000	3,000	4,000	3,000	2,000	4,000	3,000	3,000
Female	9,000	8,000	8,000	4,000	2,000	2,000	2,000	1,000	2,000	1,000	1,000
Political/related sciences	20,000	17,000	15,000	6,000	5,000	6,000	3,000	5,000	8,000	6,000	6,000

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	16,000	14,000	12,000	4,000	3,000	4,000	2,000	3,000	7,000	5,000	5,000
Female	11,000	10,000	8,000	4,000	4,000	4,000	2,000	4,000	4,000	3,000	3,000
Psychology	23,000	19,000	17,000	7,000	8,000	11,000	4,000	10,000	9,000	4,000	8,000
Male	14,000	12,000	10,000	5,000	3,000	4,000	3,000	4,000	6,000	3,000	5,000
Female	18,000	16,000	14,000	5,000	7,000	10,000	4,000	9,000	7,000	2,000	6,000
Sociology/anthropology	21,000	18,000	14,000	6,000	8,000	9,000	4,000	8,000	10,000	5,000	9,000
Male	13,000	10,000	9,000	4,000	4,000	4,000	2,000	3,000	7,000	4,000	7,000
Female	17,000	14,000	11,000	5,000	6,000	8,000	3,000	7,000	6,000	3,000	6,000
Other social sciences	14,000	13,000	11,000	4,000	4,000	6,000	3,000	5,000	6,000	4,000	4,000
Male	10,000	9,000	8,000	3,000	2,000	3,000	2,000	3,000	5,000	4,000	3,000
Female	11,000	9,000	8,000	3,000	3,000	5,000	2,000	4,000	4,000	2,000	3,000
Engineering	24,000	23,000	22,000	6,000	4,000	5,000	3,000	3,000	8,000	5,000	7,000
Male	23,000	22,000	21,000	5,000	3,000	4,000	3,000	3,000	7,000	5,000	6,000
Female	8,000	7,000	6,000	3,000	2,000	2,000	1,000	2,000	3,000	2,000	2,000
Aerospace/related engineering	5,000	5,000	5,000	1,000	1,000	1,000	1,000	S	1,000	1,000	1,000
Male	5,000	5,000	5,000	*	S	1,000	1,000	S	1,000	1,000	S
Female	2,000	2,000	1,000	S	1,000	*	*	S	*	*	S
Chemical engineering	6,000	6,000	6,000	1,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000
Male	6,000	6,000	5,000	1,000	500	2,000	2,000	500	1,000	1,000	1,000
Female	3,000	2,000	2,000	500	1,000	1,000	500	1,000	1,000	1,000	500
Civil/architectural engineering	9,000	8,000	8,000	2,000	1,000	2,000	1,000	1,000	4,000	2,000	4,000
Male	9,000	8,000	8,000	2,000	1,000	2,000	1,000	1,000	4,000	2,000	4,000
Female	3,000	2,000	2,000	1,000	S	1,000	500	S	1,000	1,000	1,000
Electrical/computer engineering	11,000	11,000	11,000	3,000	2,000	2,000	1,000	1,000	4,000	3,000	2,000
Male	11,000	11,000	10,000	2,000	2,000	2,000	1,000	1,000	3,000	3,000	2,000
Female	4,000	4,000	3,000	2,000	500	1,000	500	1,000	1,000	1,000	1,000
Industrial engineering	7,000	7,000	6,000	2,000	2,000	1,000	500	1,000	2,000	1,000	2,000
Male	6,000	6,000	6,000	2,000	1,000	1,000	500	S	1,000	1,000	1,000
Female	3,000	2,000	2,000	500	1,000	1,000	*	1,000	1,000	500	S
Mechanical engineering	11,000	11,000	11,000	3,000	1,000	2,000	1,000	2,000	3,000	3,000	2,000
Male	11,000	11,000	10,000	3,000	1,000	2,000	1,000	1,000	3,000	2,000	2,000
Female	3,000	3,000	3,000	1,000	S	1,000	500	1,000	500	500	S
Other engineering	9,000	9,000	8,000	2,000	1,000	2,000	2,000	1,000	3,000	2,000	2,000
Male	9,000	8,000	8,000	2,000	1,000	2,000	1,000	1,000	2,000	2,000	2,000
Female	3,000	2,000	2,000	1,000	S	1,000	1,000	500	1,000	1,000	1,000

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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
S&E-related fields	38,000	33,000	28,000	10,000	17,000	16,000	11,000	12,000	12,000	7,000	10,000
Male	20,000	19,000	17,000	6,000	7,000	7,000	3,000	5,000	7,000	4,000	6,000
Female	31,000	26,000	20,000	7,000	16,000	15,000	11,000	11,000	10,000	5,000	8,000
Health	30,000	27,000	21,000	8,000	17,000	13,000	11,000	9,000	11,000	6,000	9,000
Male	11,000	11,000	9,000	3,000	7,000	3,000	2,000	2,000	6,000	3,000	4,000
Female	27,000	23,000	18,000	7,000	16,000	13,000	11,000	9,000	10,000	5,000	8,000
Science/mathematics teacher education	12,000	8,000	7,000	4,000	2,000	8,000	2,000	8,000	2,000	1,000	2,000
Male	7,000	5,000	5,000	2,000	1,000	5,000	S	4,000	2,000	S	1,000
Female	8,000	6,000	4,000	3,000	1,000	6,000	S	6,000	1,000	1,000	S
Technology/technical fields	12,000	12,000	11,000	4,000	2,000	3,000	2,000	2,000	4,000	3,000	3,000
Male	12,000	11,000	11,000	3,000	2,000	3,000	2,000	2,000	4,000	3,000	3,000
Female	4,000	4,000	4,000	1,000	1,000	2,000	S	1,000	1,000	S	1,000
Other S&E-related fields	12,000	11,000	10,000	5,000	2,000	3,000	2,000	2,000	3,000	2,000	3,000
Male	11,000	10,000	9,000	4,000	1,000	2,000	S	S	3,000	S	3,000
Female	6,000	6,000	5,000	2,000	S	S	S	S	1,000	S	1,000
Non-S&E degrees	28,000	23,000	20,000	6,000	9,000	11,000	6,000	10,000	9,000	4,000	8,000
Male	20,000	17,000	15,000	4,000	5,000	7,000	4,000	6,000	7,000	4,000	5,000
Female	19,000	15,000	12,000	4,000	7,000	9,000	4,000	9,000	6,000	2,000	5,000
Arts/humanities	11,000	10,000	8,000	3,000	4,000	5,000	3,000	4,000	4,000	2,000	3,000
Male	8,000	7,000	6,000	2,000	3,000	3,000	2,000	2,000	3,000	2,000	3,000
Female	8,000	6,000	5,000	2,000	3,000	4,000	3,000	3,000	3,000	1,000	3,000
Education, except science/mathematics teacher education	10,000	7,000	7,000	2,000	3,000	8,000	2,000	8,000	3,000	1,000	3,000
Male	6,000	4,000	3,000	S	2,000	4,000	1,000	4,000	2,000	S	1,000
Female	9,000	6,000	6,000	2,000	2,000	7,000	2,000	7,000	2,000	S	2,000
Management/administration	17,000	15,000	13,000	4,000	5,000	5,000	3,000	4,000	5,000	2,000	4,000
Male	13,000	12,000	10,000	3,000	4,000	4,000	3,000	3,000	4,000	2,000	3,000
Female	9,000	8,000	7,000	2,000	4,000	3,000	2,000	3,000	2,000	1,000	2,000
Sales/marketing	5,000	5,000	5,000	S	2,000	1,000	S	S	2,000	S	S
Male	4,000	4,000	4,000	S	S	1,000	S	S	S	S	S
Female	4,000	4,000	3,000	S	S	S	S	S	S	S	S
Social services/related	5,000	4,000	3,000	S	2,000	1,000	1,000	S	2,000	S	1,000
Male	4,000	3,000	3,000	S	S	1,000	S	S	1,000	S	S
Female	3,000	2,000	2,000	S	2,000	S	S	S	1,000	S	1,000
Other non-S&E fields	11,000	9,000	8,000	3,000	4,000	4,000	2,000	4,000	4,000	2,000	4,000
Male	7,000	6,000	5,000	2,000	2,000	3,000	2,000	2,000	3,000	2,000	3,000

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	8,000	7,000	6,000	2,000	3,000	3,000	2,000	3,000	3,000	1,000	2,000
Master's degrees	46,000	37,000	30,000	13,000	16,000	26,000	12,000	23,000	17,000	11,000	14,000
Male	33,000	27,000	24,000	9,000	9,000	15,000	7,000	14,000	13,000	8,000	10,000
Female	30,000	22,000	17,000	9,000	13,000	21,000	10,000	18,000	11,000	7,000	10,000
S&E fields	26,000	20,000	18,000	7,000	8,000	12,000	8,000	10,000	10,000	6,000	8,000
Male	20,000	16,000	15,000	5,000	4,000	8,000	5,000	6,000	8,000	5,000	6,000
Female	15,000	11,000	8,000	5,000	6,000	10,000	5,000	8,000	6,000	4,000	5,000
Sciences	22,000	17,000	15,000	6,000	7,000	12,000	7,000	10,000	10,000	6,000	7,000
Male	16,000	13,000	12,000	5,000	4,000	7,000	5,000	6,000	7,000	5,000	5,000
Female	15,000	11,000	8,000	5,000	6,000	10,000	5,000	8,000	6,000	4,000	5,000
Biological/agricultural/environmental life sciences	8,000	7,000	5,000	3,000	3,000	4,000	3,000	3,000	4,000	2,000	3,000
Male	6,000	5,000	4,000	2,000	1,000	3,000	2,000	2,000	3,000	2,000	2,000
Female	6,000	5,000	3,000	1,000	3,000	3,000	2,000	2,000	2,000	1,000	2,000
Agricultural/food sciences	3,000	2,000	2,000	1,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000
Male	2,000	2,000	1,000	S	S	2,000	1,000	500	1,000	1,000	S
Female	2,000	2,000	1,000	S	1,000	1,000	1,000	500	1,000	500	S
Biological sciences	7,000	6,000	5,000	2,000	3,000	4,000	2,000	3,000	3,000	1,000	3,000
Male	5,000	4,000	3,000	2,000	1,000	2,000	2,000	2,000	2,000	1,000	2,000
Female	5,000	4,000	3,000	1,000	2,000	3,000	2,000	2,000	2,000	1,000	2,000
Environmental life sciences	4,000	3,000	2,000	1,000	2,000	1,000	1,000	1,000	2,000	2,000	1,000
Male	3,000	2,000	2,000	S	1,000	1,000	1,000	S	2,000	1,000	1,000
Female	2,000	2,000	1,000	S	1,000	1,000	500	1,000	1,000	1,000	*
Computer/mathematical sciences	10,000	9,000	9,000	3,000	2,000	4,000	3,000	3,000	3,000	2,000	2,000
Male	9,000	8,000	8,000	2,000	2,000	3,000	2,000	2,000	3,000	2,000	2,000
Female	6,000	5,000	4,000	2,000	1,000	3,000	2,000	2,000	2,000	1,000	1,000
Computer/information sciences	9,000	8,000	8,000	2,000	2,000	3,000	2,000	2,000	2,000	2,000	2,000
Male	8,000	7,000	7,000	2,000	2,000	2,000	2,000	1,000	2,000	2,000	1,000
Female	5,000	4,000	4,000	2,000	1,000	3,000	2,000	2,000	1,000	1,000	1,000
Mathematical sciences	5,000	4,000	4,000	1,000	1,000	3,000	2,000	2,000	2,000	1,000	1,000
Male	4,000	3,000	3,000	500	1,000	2,000	1,000	1,000	1,000	1,000	1,000
Female	3,000	2,000	2,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	500
Physical/related sciences	6,000	5,000	4,000	2,000	1,000	3,000	2,000	3,000	2,000	1,000	1,000
Male	5,000	4,000	4,000	2,000	500	3,000	1,000	3,000	2,000	1,000	1,000
Female	3,000	2,000	2,000	1,000	1,000	2,000	1,000	1,000	1,000	500	1,000
Chemistry, except biochemistry	3,000	3,000	3,000	1,000	500	2,000	1,000	2,000	1,000	500	1,000

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	2,000	S	S	2,000	500	2,000	1,000	500	1,000
Female	2,000	1,000	1,000	S	S	1,000	1,000	1,000	500	S	500
Earth/atmospheric/ocean sciences	4,000	3,000	3,000	2,000	1,000	2,000	1,000	2,000	2,000	1,000	1,000
Male	3,000	3,000	2,000	1,000	S	2,000	1,000	2,000	2,000	1,000	1,000
Female	2,000	2,000	1,000	S	S	1,000	500	1,000	1,000	500	1,000
Physics/astronomy	3,000	2,000	2,000	S	500	2,000	1,000	1,000	500	500	S
Male	3,000	2,000	2,000	S	S	2,000	1,000	1,000	500	500	S
Female	1,000	1,000	1,000	S	*	1,000	500	500	*	S	S
Other physical sciences	1,000	1,000	1,000	S	S	1,000	*	1,000	S	S	S
Male	1,000	1,000	S	S	S	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	1,000	S	1,000	S	S	S
Social/related sciences	17,000	13,000	10,000	5,000	6,000	9,000	5,000	8,000	8,000	5,000	6,000
Male	11,000	9,000	8,000	4,000	3,000	5,000	3,000	4,000	6,000	4,000	4,000
Female	13,000	9,000	6,000	4,000	5,000	8,000	4,000	7,000	5,000	3,000	4,000
Economics	6,000	6,000	5,000	2,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000
Male	5,000	4,000	4,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	4,000	3,000	3,000	S	1,000	1,000	500	S	1,000	500	1,000
Political/related sciences	8,000	6,000	5,000	2,000	2,000	2,000	2,000	2,000	4,000	3,000	3,000
Male	6,000	4,000	4,000	1,000	1,000	2,000	1,000	2,000	4,000	3,000	2,000
Female	5,000	4,000	3,000	2,000	2,000	1,000	1,000	1,000	2,000	1,000	2,000
Psychology	13,000	8,000	6,000	4,000	5,000	8,000	4,000	7,000	5,000	3,000	5,000
Male	7,000	5,000	4,000	2,000	3,000	3,000	2,000	3,000	3,000	2,000	3,000
Female	10,000	7,000	4,000	4,000	4,000	7,000	3,000	6,000	4,000	2,000	3,000
Sociology/anthropology	5,000	3,000	2,000	2,000	2,000	3,000	2,000	2,000	2,000	1,000	2,000
Male	3,000	2,000	2,000	1,000	1,000	2,000	1,000	1,000	2,000	1,000	2,000
Female	3,000	2,000	2,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Other social sciences	5,000	3,000	3,000	1,000	2,000	4,000	2,000	3,000	3,000	2,000	2,000
Male	4,000	3,000	2,000	1,000	1,000	2,000	1,000	2,000	2,000	1,000	1,000
Female	4,000	2,000	2,000	1,000	2,000	3,000	2,000	2,000	2,000	1,000	1,000
Engineering	12,000	10,000	10,000	2,000	2,000	3,000	2,000	2,000	4,000	2,000	3,000
Male	11,000	10,000	10,000	2,000	2,000	2,000	2,000	1,000	4,000	2,000	3,000
Female	4,000	3,000	3,000	1,000	1,000	2,000	1,000	1,000	2,000	1,000	1,000
Aerospace/related engineering	2,000	2,000	2,000	S	S	500	500	S	1,000	1,000	S
Male	2,000	2,000	1,000	S	S	500	500	S	1,000	1,000	S
Female	500	500	500	S	S	*	*	S	*	*	S

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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
Chemical engineering	2,000	2,000	2,000	S	1,000	1,000	500	1,000	1,000	500	1,000
Male	2,000	2,000	2,000	S	S	500	500	S	500	S	S
Female	1,000	1,000	1,000	S	S	1,000	*	S	1,000	S	1,000
Civil/architectural engineering	5,000	4,000	4,000	2,000	1,000	1,000	1,000	1,000	2,000	1,000	2,000
Male	4,000	4,000	3,000	1,000	1,000	1,000	500	500	2,000	500	2,000
Female	2,000	1,000	1,000	S	S	1,000	500	S	1,000	500	1,000
Electrical/computer engineering	7,000	7,000	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	7,000	6,000	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	2,000	2,000	S	500	1,000	1,000	S	500	500	S
Industrial engineering	3,000	2,000	2,000	1,000	500	1,000	1,000	S	1,000	1,000	1,000
Male	2,000	2,000	2,000	500	S	1,000	1,000	S	1,000	500	S
Female	1,000	1,000	1,000	S	S	*	*	S	1,000	1,000	S
Mechanical engineering	4,000	4,000	4,000	500	1,000	1,000	1,000	500	1,000	1,000	1,000
Male	4,000	4,000	4,000	500	1,000	1,000	1,000	S	1,000	1,000	1,000
Female	1,000	1,000	1,000	S	S	500	500	S	S	S	S
Other engineering	5,000	5,000	4,000	1,000	1,000	2,000	1,000	1,000	2,000	1,000	2,000
Male	5,000	4,000	4,000	1,000	1,000	1,000	1,000	1,000	2,000	1,000	1,000
Female	2,000	1,000	1,000	S	S	1,000	1,000	S	1,000	500	1,000
S&E-related fields	19,000	17,000	13,000	6,000	9,000	12,000	6,000	11,000	8,000	4,000	7,000
Male	11,000	9,000	7,000	4,000	4,000	6,000	3,000	6,000	5,000	2,000	4,000
Female	16,000	13,000	11,000	5,000	8,000	11,000	5,000	9,000	6,000	4,000	5,000
Health	16,000	14,000	11,000	5,000	9,000	9,000	6,000	7,000	6,000	4,000	5,000
Male	7,000	7,000	5,000	2,000	4,000	3,000	2,000	2,000	3,000	1,000	3,000
Female	14,000	12,000	10,000	4,000	8,000	8,000	5,000	7,000	5,000	4,000	4,000
Science/mathematics teacher education	9,000	4,000	3,000	3,000	1,000	8,000	2,000	8,000	3,000	S	2,000
Male	6,000	3,000	2,000	2,000	S	5,000	1,000	5,000	2,000	S	1,000
Female	7,000	3,000	3,000	S	S	6,000	1,000	6,000	2,000	S	2,000
Technology/technical fields	4,000	4,000	4,000	S	S	2,000	1,000	2,000	2,000	1,000	500
Male	4,000	4,000	3,000	S	S	2,000	500	2,000	1,000	S	500
Female	2,000	1,000	1,000	S	S	1,000	S	S	S	S	S
Other S&E-related fields	6,000	5,000	5,000	3,000	1,000	2,000	1,000	S	3,000	1,000	3,000
Male	5,000	4,000	4,000	3,000	S	1,000	1,000	S	3,000	S	3,000
Female	3,000	3,000	2,000	S	1,000	2,000	1,000	S	2,000	S	2,000
Non-S&E fields	36,000	28,000	23,000	9,000	12,000	21,000	8,000	20,000	12,000	7,000	9,000
Male	27,000	20,000	18,000	7,000	7,000	13,000	6,000	12,000	9,000	6,000	7,000

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	24,000	17,000	13,000	6,000	9,000	16,000	6,000	14,000	8,000	3,000	7,000
Arts/humanities	8,000	6,000	4,000	3,000	2,000	4,000	2,000	4,000	2,000	1,000	2,000
Male	5,000	4,000	3,000	1,000	2,000	3,000	1,000	3,000	1,000	S	S
Female	6,000	4,000	3,000	3,000	S	3,000	1,000	2,000	2,000	S	2,000
Education, except science/mathematics teacher education	22,000	9,000	6,000	5,000	5,000	20,000	5,000	18,000	4,000	2,000	4,000
Male	14,000	6,000	5,000	3,000	2,000	12,000	3,000	11,000	3,000	2,000	3,000
Female	17,000	7,000	5,000	3,000	4,000	15,000	4,000	14,000	3,000	1,000	3,000
Management/administration	22,000	20,000	20,000	6,000	5,000	6,000	4,000	4,000	8,000	5,000	5,000
Male	18,000	16,000	16,000	5,000	4,000	5,000	3,000	3,000	6,000	4,000	5,000
Female	12,000	11,000	9,000	3,000	4,000	3,000	3,000	3,000	4,000	3,000	3,000
Sales/marketing	7,000	7,000	6,000	2,000	2,000	2,000	2,000	1,000	2,000	S	2,000
Male	6,000	6,000	6,000	1,000	S	2,000	S	1,000	2,000	S	S
Female	4,000	3,000	3,000	S	S	S	S	S	S	S	S
Social services/related	12,000	10,000	6,000	3,000	8,000	6,000	3,000	4,000	5,000	2,000	5,000
Male	8,000	6,000	4,000	2,000	4,000	3,000	2,000	3,000	3,000	2,000	2,000
Female	9,000	7,000	4,000	3,000	6,000	5,000	2,000	4,000	4,000	1,000	4,000
Other non-S&E fields	11,000	8,000	7,000	3,000	4,000	5,000	4,000	4,000	7,000	4,000	6,000
Male	9,000	6,000	5,000	3,000	2,000	4,000	3,000	2,000	6,000	4,000	5,000
Female	9,000	6,000	5,000	2,000	3,000	4,000	3,000	3,000	5,000	2,000	4,000
Doctorate degrees	9,000	6,000	5,000	2,000	3,000	7,000	6,000	4,000	3,000	2,000	2,000
Male	7,000	5,000	4,000	2,000	2,000	5,000	4,000	3,000	2,000	2,000	2,000
Female	5,000	3,000	3,000	2,000	1,000	4,000	3,000	3,000	1,000	1,000	1,000
S&E fields	5,000	4,000	3,000	1,000	1,000	4,000	3,000	1,000	2,000	1,000	1,000
Male	4,000	3,000	3,000	1,000	1,000	3,000	3,000	1,000	1,000	1,000	1,000
Female	2,000	2,000	1,000	1,000	1,000	2,000	2,000	1,000	1,000	1,000	500
Sciences	4,000	3,000	3,000	1,000	1,000	3,000	3,000	1,000	1,000	1,000	1,000
Male	3,000	3,000	3,000	1,000	1,000	3,000	2,000	1,000	1,000	1,000	1,000
Female	2,000	2,000	1,000	1,000	1,000	2,000	2,000	1,000	1,000	1,000	500
Biological/agricultural/environmental life sciences	3,000	2,000	2,000	1,000	1,000	2,000	2,000	500	1,000	1,000	500
Male	2,000	2,000	2,000	1,000	500	2,000	2,000	500	1,000	1,000	500
Female	1,000	1,000	1,000	500	1,000	1,000	1,000	500	1,000	500	500
Agricultural/food sciences	1,000	1,000	500	500	500	1,000	500	500	500	500	*
Male	1,000	1,000	500	500	500	500	500	500	500	500	*
Female	500	500	500	*	S	500	500	*	*	*	S
Biological sciences	3,000	2,000	2,000	1,000	1,000	2,000	2,000	500	1,000	1,000	500

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	2,000	2,000	1,000	1,000	500	2,000	2,000	500	1,000	1,000	500
Female	1,000	1,000	1,000	500	1,000	1,000	1,000	500	500	500	500
Environmental life sciences	500	500	500	*	*	500	500	*	500	500	*
Male	500	500	500	*	*	500	500	S	500	500	*
Female	500	*	*	S	*	500	500	S	*	*	S
Computer/mathematical sciences	2,000	1,000	1,000	500	500	1,000	1,000	500	500	500	500
Male	1,000	1,000	1,000	500	500	1,000	1,000	500	500	500	500
Female	1,000	500	500	*	*	1,000	1,000	*	*	*	S
Computer/information sciences	1,000	1,000	1,000	*	*	1,000	1,000	*	500	*	*
Male	1,000	1,000	1,000	*	*	1,000	1,000	*	*	*	*
Female	500	500	500	S	*	500	500	S	*	S	S
Mathematical sciences	1,000	1,000	1,000	500	500	1,000	1,000	500	500	500	*
Male	1,000	1,000	1,000	500	500	1,000	1,000	500	500	500	*
Female	500	500	500	*	*	500	500	*	*	*	S
Physical/related sciences	2,000	2,000	2,000	1,000	500	1,000	1,000	500	1,000	1,000	500
Male	2,000	1,000	1,000	1,000	500	1,000	1,000	500	1,000	500	500
Female	1,000	1,000	1,000	500	500	1,000	1,000	500	500	500	500
Chemistry, except biochemistry	1,000	1,000	1,000	500	500	1,000	1,000	500	500	500	500
Male	1,000	1,000	1,000	500	500	1,000	1,000	500	500	500	500
Female	1,000	500	500	*	500	1,000	1,000	500	500	500	*
Earth/atmospheric/ocean sciences	1,000	500	500	500	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	*	500	500	500
Female	500	500	500	S	*	500	500	*	*	*	*
Physics/astronomy	1,000	1,000	1,000	500	500	1,000	1,000	500	500	500	500
Male	1,000	1,000	1,000	500	500	1,000	1,000	500	500	500	500
Female	500	500	500	S	*	500	500	*	*	*	*
Other physical sciences	500	500	500	S	*	500	500	S	*	*	S
Male	500	500	500	S	S	*	*	S	*	*	S
Female	500	*	S	S	S	500	*	S	*	S	S
Social/related sciences	2,000	1,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	500	500
Male	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000	500	500
Female	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500	500
Economics	1,000	1,000	500	500	500	500	500	500	500	500	*
Male	500	500	500	500	500	500	500	*	500	500	*
Female	500	500	500	*	*	500	500	*	500	500	*

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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
Political/related sciences	1,000	1,000	500	500	500	500	500	500	500	500	500
Male	1,000	1,000	500	500	500	500	500	500	500	500	500
Female	500	500	*	*	*	500	500	*	*	*	*
Psychology	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500	500
Male	1,000	1,000	1,000	1,000	500	1,000	1,000	500	500	500	500
Female	1,000	1,000	1,000	500	1,000	1,000	1,000	1,000	500	500	500
Sociology/anthropology	1,000	500	500	500	500	1,000	1,000	500	500	500	500
Male	500	500	500	500	500	500	500	500	500	500	500
Female	500	500	500	500	500	500	500	500	500	500	*
Other social sciences	1,000	500	500	500	500	500	500	500	500	500	500
Male	500	500	500	500	*	500	500	*	500	*	*
Female	500	500	500	*	*	500	500	500	500	*	*
Engineering	2,000	2,000	2,000	1,000	1,000	1,000	1,000	500	1,000	500	500
Male	2,000	2,000	1,000	1,000	1,000	1,000	1,000	500	1,000	500	500
Female	500	500	500	*	500	500	500	*	500	500	500
Aerospace/related engineering	1,000	500	500	500	*	500	500	S	500	500	S
Male	1,000	500	500	500	*	500	500	S	500	500	S
Female	*	*	S	S	S	*	*	S	S	S	S
Chemical engineering	1,000	1,000	1,000	500	500	500	500	*	500	500	*
Male	1,000	1,000	1,000	500	500	500	500	*	500	*	*
Female	500	500	500	S	S	*	*	S	*	S	S
Civil/architectural engineering	1,000	500	500	*	*	500	500	S	500	500	500
Male	1,000	500	500	*	*	500	500	S	500	500	500
Female	500	*	*	S	S	*	*	S	*	S	*
Electrical/computer engineering	1,000	1,000	1,000	500	500	1,000	1,000	*	500	500	*
Male	1,000	1,000	1,000	500	500	1,000	1,000	*	500	500	*
Female	500	500	500	S	*	500	500	S	*	S	S
Industrial engineering	500	500	500	S	S	500	500	S	*	*	S
Male	500	500	500	S	S	500	500	S	S	S	S
Female	500	S	S	S	S	*	*	S	S	S	S
Mechanical engineering	1,000	1,000	1,000	500	*	500	500	*	500	500	*
Male	1,000	1,000	1,000	500	*	500	500	*	500	500	S
Female	500	*	*	S	S	*	*	S	S	S	S
Other engineering	1,000	1,000	1,000	500	500	1,000	1,000	*	500	500	500
Male	1,000	1,000	1,000	500	500	500	500	*	500	500	500

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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	500	S	*	500	500	S	500	*	*
S&E-related fields	3,000	2,000	2,000	500	1,000	2,000	2,000	1,000	1,000	500	500
Male	2,000	2,000	2,000	500	1,000	1,000	1,000	1,000	1,000	500	500
Female	2,000	1,000	1,000	500	1,000	1,000	1,000	1,000	500	500	500
Health	2,000	2,000	1,000	500	1,000	1,000	1,000	500	1,000	500	500
Male	1,000	1,000	1,000	500	500	1,000	1,000	500	1,000	500	500
Female	2,000	1,000	1,000	500	1,000	1,000	1,000	500	500	500	500
Science/mathematics teacher education	1,000	S	S	S	S	1,000	1,000	1,000	S	S	S
Male	1,000	S	S	S	S	1,000	1,000	S	S	S	S
Female	1,000	S	S	S	S	1,000	1,000	S	S	S	S
Technology/technical fields	1,000	1,000	1,000	S	S	1,000	1,000	S	S	S	S
Male	1,000	1,000	1,000	S	S	500	500	S	S	S	S
Female	S	S	S	S	S	S	S	S	S	S	S
Other S&E-related fields	1,000	S	S	S	S	1,000	1,000	S	S	S	S
Male	1,000	S	S	S	S	S	S	S	S	S	S
Female	500	S	S	S	S	500	S	S	S	S	S
Non-S&E fields	7,000	5,000	3,000	2,000	2,000	5,000	4,000	4,000	2,000	1,000	2,000
Male	6,000	4,000	3,000	1,000	2,000	4,000	3,000	3,000	2,000	1,000	1,000
Female	4,000	3,000	2,000	2,000	1,000	3,000	2,000	3,000	1,000	S	S
Arts/humanities	3,000	1,000	S	S	S	2,000	2,000	500	S	S	S
Male	2,000	1,000	S	S	S	2,000	2,000	S	S	S	S
Female	2,000	S	S	S	S	1,000	1,000	S	S	S	S
Education, except science/mathematics teacher education	5,000	2,000	1,000	1,000	1,000	4,000	3,000	3,000	1,000	S	S
Male	4,000	2,000	S	S	1,000	3,000	2,000	2,000	S	S	S
Female	3,000	1,000	1,000	1,000	S	3,000	2,000	2,000	S	S	S
Management/administration	2,000	2,000	1,000	S	S	1,000	1,000	S	S	S	S
Male	2,000	1,000	1,000	S	S	1,000	1,000	S	S	S	S
Female	1,000	S	S	S	S	1,000	1,000	S	S	S	S
Sales/marketing	500	S	S	S	S	500	500	S	S	S	S
Male	500	S	S	S	S	500	500	S	S	S	S
Female	S	S	S	S	S	S	S	S	S	S	S
Social services/related	3,000	2,000	1,000	S	2,000	2,000	1,000	2,000	S	S	S
Male	3,000	2,000	1,000	S	2,000	2,000	1,000	2,000	S	S	S
Female	1,000	1,000	S	S	S	1,000	500	S	S	S	S

TABLE A-12. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, sex, and employment sector: 2006

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 non-S&E fields	3,000	3,000	2,000	S	S	1,000	1,000	S	1,000	S	S
Male	3,000	2,000	2,000	S	S	1,000	1,000	S	S	S	S
Female	2,000	2,000	2,000	S	S	1,000	1,000	S	S	S	S

* = standard error is not calculated when estimate is less than 500; 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. 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): 2006.

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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]	83,000	44,000	43,000	72,000	29,000	60,000
Business/industry	70,000	39,000	24,000	57,000	26,000	53,000
4-year college/university	25,000	14,000	14,000	17,000	7,000	16,000
Other educational institution	31,000	14,000	29,000	23,000	6,000	19,000
Government	32,000	15,000	10,000	28,000	9,000	23,000
S&E fields	66,000	34,000	23,000	60,000	23,000	42,000
Business/industry	59,000	28,000	14,000	52,000	21,000	36,000
4-year college/university	15,000	10,000	7,000	12,000	5,000	8,000
Other educational institution	20,000	9,000	17,000	14,000	4,000	10,000
Government	24,000	13,000	7,000	20,000	7,000	17,000
Sciences	63,000	28,000	23,000	56,000	20,000	38,000
Business/industry	54,000	22,000	13,000	48,000	18,000	32,000
4-year college/university	15,000	9,000	7,000	11,000	4,000	8,000
Other educational institution	20,000	8,000	17,000	13,000	3,000	9,000
Government	23,000	11,000	7,000	19,000	7,000	16,000
Biological/agricultural/environmental life sciences	28,000	15,000	12,000	24,000	6,000	16,000
Business/industry	25,000	11,000	7,000	22,000	5,000	15,000
4-year college/university	8,000	7,000	4,000	6,000	2,000	5,000
Other educational institution	9,000	4,000	8,000	6,000	1,000	2,000
Government	11,000	6,000	4,000	9,000	3,000	7,000
Agricultural/food sciences	13,000	6,000	4,000	11,000	2,000	9,000
Business/industry	12,000	4,000	2,000	10,000	2,000	8,000
4-year college/university	3,000	3,000	1,000	2,000	500	2,000
Other educational institution	3,000	2,000	3,000	2,000	S	S
Government	5,000	3,000	500	4,000	1,000	4,000
Biological sciences	24,000	12,000	10,000	20,000	5,000	14,000
Business/industry	21,000	9,000	6,000	19,000	4,000	13,000
4-year college/university	7,000	6,000	3,000	5,000	1,000	5,000
Other educational institution	7,000	3,000	7,000	5,000	1,000	2,000
Government	8,000	4,000	3,000	6,000	2,000	5,000
Environmental life sciences	9,000	5,000	3,000	8,000	3,000	6,000
Business/industry	7,000	3,000	1,000	7,000	2,000	5,000
4-year college/university	2,000	1,000	1,000	2,000	1,000	500
Other educational institution	2,000	500	1,000	1,000	S	1,000
Government	5,000	3,000	2,000	4,000	2,000	3,000
Computer/mathematical sciences	23,000	13,000	7,000	21,000	15,000	11,000
Business/industry	21,000	12,000	3,000	20,000	14,000	10,000
4-year college/university	5,000	3,000	2,000	4,000	3,000	2,000
Other educational institution	6,000	2,000	6,000	4,000	2,000	2,000
Government	7,000	3,000	2,000	5,000	4,000	4,000
Computer/information sciences	17,000	12,000	5,000	14,000	14,000	9,000
Business/industry	16,000	10,000	2,000	14,000	13,000	8,000
4-year college/university	4,000	3,000	1,000	3,000	3,000	1,000
Other educational institution	4,000	2,000	3,000	3,000	2,000	2,000
Government	6,000	3,000	1,000	4,000	4,000	4,000
Mathematical sciences	16,000	7,000	6,000	13,000	6,000	7,000
Business/industry	14,000	6,000	2,000	12,000	6,000	7,000
4-year college/university	3,000	2,000	2,000	2,000	1,000	1,000
Other educational institution	5,000	1,000	5,000	4,000	1,000	1,000
Government	4,000	1,000	1,000	3,000	2,000	2,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Physical/related sciences	14,000	9,000	5,000	12,000	4,000	9,000
Business/industry	12,000	8,000	3,000	11,000	4,000	8,000
4-year college/university	4,000	3,000	2,000	2,000	1,000	2,000
Other educational institution	5,000	2,000	4,000	3,000	1,000	2,000
Government	5,000	3,000	1,000	4,000	1,000	4,000
Chemistry, except biochemistry	11,000	6,000	4,000	9,000	3,000	7,000
Business/industry	9,000	5,000	2,000	8,000	2,000	6,000
4-year college/university	3,000	2,000	1,000	2,000	500	1,000
Other educational institution	3,000	500	3,000	3,000	500	1,000
Government	3,000	1,000	500	3,000	500	3,000
Earth/atmospheric/ocean sciences	8,000	5,000	3,000	7,000	2,000	5,000
Business/industry	7,000	4,000	1,000	6,000	2,000	4,000
4-year college/university	2,000	1,000	1,000	1,000	500	1,000
Other educational institution	3,000	2,000	3,000	1,000	S	1,000
Government	4,000	2,000	1,000	3,000	1,000	2,000
Physics/astronomy	6,000	4,000	2,000	5,000	3,000	4,000
Business/industry	5,000	3,000	500	4,000	2,000	3,000
4-year college/university	2,000	2,000	1,000	1,000	1,000	1,000
Other educational institution	2,000	1,000	2,000	1,000	S	1,000
Government	2,000	1,000	S	1,000	1,000	1,000
Other physical sciences	5,000	3,000	1,000	3,000	1,000	3,000
Business/industry	4,000	2,000	1,000	3,000	1,000	3,000
4-year college/university	2,000	1,000	*	1,000	S	S
Other educational institution	1,000	S	1,000	500	S	S
Government	2,000	1,000	S	1,000	500	1,000
Social/related sciences	50,000	18,000	19,000	44,000	10,000	29,000
Business/industry	41,000	15,000	11,000	37,000	9,000	23,000
4-year college/university	10,000	5,000	5,000	9,000	2,000	6,000
Other educational institution	17,000	6,000	15,000	11,000	2,000	8,000
Government	18,000	7,000	5,000	15,000	4,000	13,000
Economics	19,000	8,000	5,000	18,000	4,000	11,000
Business/industry	18,000	7,000	3,000	17,000	4,000	10,000
4-year college/university	4,000	1,000	2,000	3,000	1,000	2,000
Other educational institution	3,000	1,000	3,000	2,000	S	2,000
Government	4,000	2,000	1,000	4,000	1,000	3,000
Political/related sciences	22,000	7,000	6,000	20,000	5,000	13,000
Business/industry	19,000	6,000	3,000	17,000	5,000	10,000
4-year college/university	4,000	2,000	2,000	3,000	1,000	2,000
Other educational institution	5,000	2,000	4,000	4,000	S	2,000
Government	9,000	3,000	3,000	7,000	2,000	6,000
Psychology	26,000	10,000	13,000	22,000	5,000	18,000
Business/industry	21,000	9,000	7,000	20,000	4,000	14,000
4-year college/university	6,000	3,000	3,000	5,000	1,000	4,000
Other educational institution	13,000	5,000	10,000	8,000	2,000	7,000
Government	11,000	4,000	4,000	9,000	2,000	8,000
Sociology/anthropology	20,000	8,000	9,000	19,000	4,000	13,000
Business/industry	18,000	7,000	5,000	16,000	3,000	10,000
4-year college/university	5,000	2,000	2,000	3,000	1,000	4,000
Other educational institution	8,000	2,000	7,000	5,000	1,000	4,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	10,000	4,000	3,000	8,000	2,000	7,000
Other social sciences	15,000	7,000	6,000	13,000	3,000	8,000
Business/industry	13,000	6,000	3,000	12,000	2,000	7,000
4-year college/university	4,000	1,000	2,000	3,000	1,000	2,000
Other educational institution	6,000	2,000	5,000	5,000	1,000	2,000
Government	6,000	3,000	1,000	5,000	2,000	5,000
Engineering	27,000	16,000	5,000	23,000	11,000	14,000
Business/industry	26,000	15,000	4,000	22,000	11,000	14,000
4-year college/university	4,000	3,000	2,000	2,000	2,000	2,000
Other educational institution	4,000	2,000	3,000	3,000	1,000	1,000
Government	8,000	5,000	2,000	7,000	2,000	5,000
Aerospace/related engineering	6,000	4,000	1,000	5,000	1,000	3,000
Business/industry	5,000	3,000	1,000	4,000	1,000	3,000
4-year college/university	1,000	500	500	1,000	500	*
Other educational institution	1,000	S	1,000	S	S	S
Government	2,000	1,000	S	1,000	500	1,000
Chemical engineering	7,000	4,000	2,000	6,000	2,000	3,000
Business/industry	6,000	3,000	1,000	6,000	2,000	3,000
4-year college/university	2,000	1,000	1,000	1,000	500	1,000
Other educational institution	1,000	1,000	1,000	1,000	S	S
Government	2,000	1,000	S	2,000	500	1,000
Civil/architectural engineering	11,000	5,000	2,000	10,000	3,000	5,000
Business/industry	9,000	5,000	1,000	9,000	2,000	5,000
4-year college/university	1,000	1,000	1,000	1,000	500	500
Other educational institution	1,000	500	1,000	1,000	S	S
Government	5,000	3,000	S	4,000	1,000	2,000
Electrical/computer engineering	14,000	10,000	3,000	11,000	8,000	7,000
Business/industry	14,000	10,000	2,000	11,000	7,000	6,000
4-year college/university	2,000	2,000	1,000	1,000	1,000	1,000
Other educational institution	1,000	1,000	1,000	1,000	500	1,000
Government	4,000	2,000	1,000	3,000	2,000	2,000
Industrial engineering	8,000	4,000	2,000	7,000	2,000	4,000
Business/industry	7,000	4,000	1,000	7,000	2,000	4,000
4-year college/university	1,000	500	1,000	500	500	1,000
Other educational institution	1,000	S	1,000	1,000	S	S
Government	2,000	1,000	S	2,000	500	1,000
Mechanical engineering	13,000	8,000	2,000	10,000	3,000	7,000
Business/industry	12,000	7,000	2,000	10,000	3,000	7,000
4-year college/university	2,000	1,000	1,000	1,000	1,000	1,000
Other educational institution	2,000	1,000	1,000	1,000	S	1,000
Government	4,000	2,000	1,000	3,000	1,000	2,000
Other engineering	11,000	6,000	2,000	9,000	3,000	7,000
Business/industry	10,000	6,000	1,000	8,000	3,000	7,000
4-year college/university	2,000	1,000	1,000	1,000	1,000	1,000
Other educational institution	2,000	1,000	1,000	1,000	S	1,000
Government	3,000	2,000	500	3,000	1,000	2,000
S&E-related fields	43,000	20,000	26,000	34,000	10,000	34,000
Business/industry	38,000	17,000	17,000	30,000	9,000	31,000
4-year college/university	15,000	7,000	10,000	9,000	3,000	13,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	17,000	7,000	15,000	10,000	3,000	10,000
Government	15,000	6,000	6,000	12,000	3,000	12,000
Health	35,000	14,000	23,000	28,000	7,000	31,000
Business/industry	32,000	12,000	17,000	24,000	6,000	28,000
4-year college/university	15,000	7,000	10,000	9,000	2,000	13,000
Other educational institution	12,000	4,000	11,000	6,000	2,000	9,000
Government	13,000	5,000	6,000	10,000	3,000	12,000
Science/mathematics teacher education	16,000	6,000	12,000	11,000	3,000	8,000
Business/industry	9,000	3,000	4,000	7,000	2,000	7,000
4-year college/university	3,000	2,000	3,000	2,000	S	1,000
Other educational institution	11,000	5,000	11,000	7,000	2,000	4,000
Government	3,000	2,000	1,000	2,000	S	2,000
Technology/technical fields	13,000	8,000	4,000	11,000	6,000	6,000
Business/industry	13,000	7,000	2,000	10,000	6,000	6,000
4-year college/university	3,000	1,000	S	2,000	1,000	1,000
Other educational institution	3,000	S	3,000	2,000	S	S
Government	4,000	2,000	S	3,000	2,000	3,000
Other S&E-related fields	14,000	10,000	4,000	12,000	2,000	8,000
Business/industry	13,000	9,000	2,000	12,000	2,000	8,000
4-year college/university	2,000	2,000	2,000	2,000	S	S
Other educational institution	3,000	S	2,000	2,000	S	S
Government	5,000	3,000	S	4,000	S	3,000
Non-S&E fields	47,000	23,000	25,000	39,000	15,000	31,000
Business/industry	38,000	19,000	11,000	30,000	13,000	25,000
4-year college/university	12,000	7,000	7,000	8,000	4,000	6,000
Other educational institution	22,000	10,000	20,000	16,000	4,000	10,000
Government	17,000	7,000	4,000	15,000	5,000	13,000
Arts/humanities	13,000	9,000	6,000	11,000	6,000	8,000
Business/industry	12,000	7,000	2,000	9,000	5,000	7,000
4-year college/university	4,000	3,000	3,000	3,000	2,000	3,000
Other educational institution	5,000	3,000	5,000	3,000	500	2,000
Government	4,000	3,000	1,000	3,000	2,000	2,000
Education, except science/mathematics teacher education	24,000	11,000	19,000	19,000	5,000	12,000
Business/industry	12,000	5,000	4,000	10,000	3,000	8,000
4-year college/university	6,000	4,000	4,000	4,000	500	4,000
Other educational institution	19,000	9,000	17,000	14,000	4,000	8,000
Government	5,000	2,000	3,000	5,000	2,000	4,000
Management/administration	27,000	14,000	7,000	23,000	10,000	14,000
Business/industry	24,000	13,000	5,000	22,000	10,000	13,000
4-year college/university	6,000	2,000	3,000	4,000	3,000	3,000
Other educational institution	6,000	3,000	5,000	4,000	1,000	3,000
Government	9,000	4,000	2,000	7,000	3,000	5,000
Sales/marketing	9,000	4,000	3,000	8,000	3,000	5,000
Business/industry	9,000	4,000	2,000	8,000	3,000	4,000
4-year college/university	2,000	1,000	1,000	1,000	S	S
Other educational institution	2,000	S	1,000	S	S	S
Government	2,000	1,000	S	2,000	1,000	S
Social services/related	14,000	5,000	8,000	12,000	3,000	11,000
Business/industry	12,000	4,000	6,000	9,000	3,000	9,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	4,000	2,000	2,000	2,000	S	2,000
Other educational institution	5,000	1,000	3,000	3,000	S	4,000
Government	5,000	2,000	2,000	4,000	S	4,000
Other non-S&E fields	25,000	12,000	8,000	19,000	6,000	19,000
Business/industry	20,000	10,000	5,000	15,000	5,000	16,000
4-year college/university	5,000	3,000	3,000	4,000	2,000	3,000
Other educational institution	6,000	3,000	5,000	3,000	1,000	3,000
Government	13,000	5,000	2,000	11,000	2,000	10,000
Bachelor's degrees, all fields	70,000	36,000	31,000	59,000	23,000	47,000
Business/industry	62,000	31,000	19,000	53,000	21,000	41,000
4-year college/university	18,000	10,000	10,000	12,000	5,000	13,000
Other educational institution	24,000	11,000	21,000	15,000	4,000	11,000
Government	28,000	13,000	9,000	22,000	8,000	20,000
S&E fields	61,000	30,000	21,000	55,000	20,000	36,000
Business/industry	55,000	25,000	13,000	50,000	17,000	31,000
4-year college/university	13,000	8,000	5,000	10,000	4,000	7,000
Other educational institution	18,000	7,000	15,000	12,000	3,000	7,000
Government	23,000	11,000	7,000	19,000	7,000	16,000
Sciences	60,000	27,000	21,000	52,000	17,000	33,000
Business/industry	52,000	21,000	12,000	47,000	15,000	28,000
4-year college/university	12,000	8,000	5,000	10,000	4,000	7,000
Other educational institution	17,000	7,000	15,000	12,000	3,000	7,000
Government	22,000	10,000	7,000	18,000	7,000	15,000
Biological/agricultural/environmental life sciences	27,000	14,000	10,000	23,000	6,000	15,000
Business/industry	24,000	10,000	6,000	22,000	5,000	14,000
4-year college/university	7,000	6,000	3,000	5,000	1,000	4,000
Other educational institution	8,000	4,000	7,000	5,000	1,000	2,000
Government	10,000	5,000	3,000	8,000	3,000	7,000
Agricultural/food sciences	12,000	6,000	4,000	11,000	2,000	9,000
Business/industry	12,000	4,000	2,000	10,000	2,000	8,000
4-year college/university	2,000	2,000	1,000	2,000	S	1,000
Other educational institution	3,000	2,000	3,000	2,000	S	S
Government	5,000	3,000	S	4,000	S	4,000
Biological sciences	23,000	12,000	9,000	19,000	5,000	13,000
Business/industry	21,000	8,000	5,000	18,000	4,000	12,000
4-year college/university	7,000	6,000	3,000	5,000	1,000	4,000
Other educational institution	7,000	3,000	6,000	4,000	1,000	1,000
Government	7,000	4,000	3,000	6,000	2,000	4,000
Environmental life sciences	8,000	4,000	2,000	7,000	3,000	5,000
Business/industry	6,000	3,000	1,000	6,000	2,000	4,000
4-year college/university	2,000	1,000	500	1,000	S	500
Other educational institution	1,000	500	1,000	1,000	S	S
Government	4,000	3,000	1,000	4,000	2,000	3,000
Computer/mathematical sciences	21,000	11,000	6,000	19,000	14,000	10,000
Business/industry	20,000	10,000	3,000	18,000	13,000	9,000
4-year college/university	4,000	3,000	1,000	3,000	3,000	1,000
Other educational institution	6,000	2,000	5,000	4,000	2,000	2,000
Government	6,000	3,000	2,000	4,000	4,000	4,000
Computer/information sciences	15,000	9,000	4,000	13,000	13,000	9,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	14,000	8,000	2,000	13,000	12,000	7,000
4-year college/university	4,000	2,000	1,000	2,000	2,000	1,000
Other educational institution	4,000	1,000	3,000	3,000	2,000	1,000
Government	5,000	3,000	1,000	4,000	4,000	3,000
Mathematical sciences	15,000	6,000	5,000	13,000	6,000	7,000
Business/industry	13,000	6,000	2,000	11,000	5,000	6,000
4-year college/university	2,000	2,000	1,000	1,000	1,000	1,000
Other educational institution	5,000	1,000	4,000	4,000	1,000	1,000
Government	3,000	1,000	1,000	3,000	2,000	2,000
Physical/related sciences	13,000	8,000	4,000	11,000	4,000	9,000
Business/industry	12,000	7,000	2,000	10,000	3,000	7,000
4-year college/university	4,000	3,000	1,000	2,000	1,000	1,000
Other educational institution	3,000	2,000	3,000	2,000	1,000	1,000
Government	5,000	3,000	1,000	4,000	1,000	4,000
Chemistry, except biochemistry	10,000	5,000	3,000	8,000	2,000	7,000
Business/industry	8,000	5,000	2,000	7,000	2,000	5,000
4-year college/university	2,000	2,000	1,000	1,000	500	1,000
Other educational institution	3,000	500	2,000	2,000	S	S
Government	3,000	1,000	S	3,000	S	3,000
Earth/atmospheric/ocean sciences	7,000	4,000	2,000	6,000	2,000	4,000
Business/industry	6,000	3,000	500	5,000	2,000	3,000
4-year college/university	1,000	500	500	1,000	*	S
Other educational institution	2,000	2,000	2,000	500	S	1,000
Government	3,000	2,000	1,000	2,000	1,000	2,000
Physics/astronomy	6,000	3,000	2,000	4,000	3,000	3,000
Business/industry	5,000	3,000	500	4,000	2,000	3,000
4-year college/university	2,000	1,000	500	1,000	1,000	500
Other educational institution	2,000	500	2,000	1,000	S	S
Government	2,000	1,000	S	1,000	1,000	1,000
Other physical sciences	4,000	3,000	1,000	3,000	1,000	3,000
Business/industry	4,000	2,000	1,000	3,000	1,000	3,000
4-year college/university	2,000	S	S	S	S	S
Other educational institution	1,000	S	1,000	S	S	S
Government	2,000	1,000	S	1,000	S	1,000
Social/related sciences	46,000	16,000	18,000	40,000	9,000	25,000
Business/industry	37,000	13,000	10,000	35,000	8,000	20,000
4-year college/university	8,000	3,000	3,000	7,000	2,000	5,000
Other educational institution	16,000	5,000	13,000	10,000	2,000	6,000
Government	17,000	7,000	5,000	14,000	4,000	13,000
Economics	19,000	7,000	4,000	17,000	4,000	11,000
Business/industry	17,000	7,000	3,000	16,000	4,000	10,000
4-year college/university	3,000	1,000	2,000	3,000	S	2,000
Other educational institution	3,000	1,000	2,000	1,000	S	2,000
Government	4,000	2,000	S	3,000	1,000	3,000
Political/related sciences	20,000	6,000	6,000	18,000	4,000	12,000
Business/industry	17,000	5,000	3,000	15,000	4,000	10,000
4-year college/university	3,000	1,000	1,000	3,000	S	2,000
Other educational institution	5,000	2,000	4,000	4,000	S	2,000
Government	8,000	3,000	2,000	7,000	2,000	6,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Psychology	23,000	9,000	11,000	20,000	5,000	15,000
Business/industry	19,000	8,000	6,000	18,000	4,000	12,000
4-year college/university	4,000	3,000	2,000	4,000	1,000	3,000
Other educational institution	10,000	4,000	9,000	7,000	1,000	4,000
Government	9,000	3,000	3,000	8,000	2,000	7,000
Sociology/anthropology	21,000	8,000	9,000	19,000	4,000	13,000
Business/industry	18,000	7,000	5,000	16,000	3,000	9,000
4-year college/university	4,000	1,000	2,000	3,000	S	3,000
Other educational institution	8,000	2,000	7,000	5,000	S	4,000
Government	10,000	4,000	3,000	8,000	2,000	7,000
Other social sciences	14,000	7,000	6,000	13,000	3,000	8,000
Business/industry	13,000	6,000	3,000	12,000	2,000	6,000
4-year college/university	3,000	1,000	1,000	3,000	500	2,000
Other educational institution	5,000	2,000	5,000	4,000	1,000	2,000
Government	6,000	3,000	1,000	4,000	2,000	4,000
Engineering	24,000	14,000	4,000	20,000	9,000	13,000
Business/industry	23,000	13,000	3,000	20,000	9,000	12,000
4-year college/university	3,000	2,000	1,000	2,000	1,000	2,000
Other educational institution	3,000	1,000	3,000	3,000	S	1,000
Government	8,000	4,000	2,000	7,000	2,000	4,000
Aerospace/related engineering	5,000	3,000	1,000	4,000	1,000	3,000
Business/industry	5,000	3,000	1,000	4,000	1,000	3,000
4-year college/university	1,000	500	S	1,000	*	*
Other educational institution	S	S	S	S	S	S
Government	1,000	1,000	S	1,000	500	1,000
Chemical engineering	6,000	3,000	2,000	5,000	1,000	3,000
Business/industry	6,000	3,000	1,000	5,000	1,000	3,000
4-year college/university	2,000	1,000	1,000	1,000	500	1,000
Other educational institution	1,000	S	1,000	500	S	S
Government	1,000	1,000	S	1,000	*	1,000
Civil/architectural engineering	9,000	5,000	1,000	9,000	3,000	4,000
Business/industry	8,000	4,000	1,000	8,000	2,000	4,000
4-year college/university	1,000	1,000	1,000	1,000	S	*
Other educational institution	1,000	S	1,000	1,000	S	S
Government	4,000	2,000	S	4,000	1,000	2,000
Electrical/computer engineering	11,000	8,000	2,000	10,000	6,000	6,000
Business/industry	11,000	8,000	2,000	10,000	6,000	6,000
4-year college/university	1,000	1,000	1,000	1,000	1,000	1,000
Other educational institution	1,000	1,000	1,000	1,000	S	S
Government	4,000	2,000	1,000	3,000	1,000	2,000
Industrial engineering	7,000	4,000	2,000	6,000	2,000	4,000
Business/industry	7,000	3,000	1,000	6,000	2,000	4,000
4-year college/university	500	500	*	*	*	S
Other educational institution	1,000	S	1,000	1,000	S	S
Government	2,000	1,000	S	2,000	S	1,000
Mechanical engineering	11,000	7,000	2,000	9,000	3,000	7,000
Business/industry	11,000	7,000	2,000	9,000	3,000	6,000
4-year college/university	1,000	1,000	500	1,000	500	500
Other educational institution	2,000	S	1,000	1,000	S	S
Government	3,000	1,000	1,000	3,000	1,000	2,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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 engineering	9,000	5,000	1,000	8,000	3,000	6,000
Business/industry	9,000	5,000	1,000	7,000	2,000	6,000
4-year college/university	2,000	1,000	500	1,000	1,000	1,000
Other educational institution	1,000	S	500	S	S	S
Government	3,000	2,000	S	2,000	S	2,000
S&E-related fields	38,000	17,000	20,000	30,000	9,000	28,000
Business/industry	33,000	15,000	14,000	27,000	8,000	24,000
4-year college/university	11,000	4,000	7,000	7,000	2,000	10,000
Other educational institution	12,000	6,000	11,000	7,000	2,000	7,000
Government	12,000	4,000	5,000	9,000	2,000	10,000
Health	30,000	12,000	17,000	23,000	6,000	25,000
Business/industry	27,000	10,000	13,000	21,000	5,000	21,000
4-year college/university	11,000	4,000	7,000	6,000	2,000	10,000
Other educational institution	9,000	4,000	8,000	4,000	1,000	7,000
Government	11,000	3,000	5,000	8,000	2,000	10,000
Science/mathematics teacher education	12,000	5,000	8,000	9,000	2,000	6,000
Business/industry	8,000	2,000	3,000	7,000	2,000	5,000
4-year college/university	2,000	S	S	S	S	S
Other educational institution	8,000	4,000	7,000	5,000	1,000	2,000
Government	2,000	1,000	S	1,000	S	2,000
Technology/technical fields	12,000	8,000	3,000	10,000	5,000	6,000
Business/industry	12,000	7,000	2,000	9,000	5,000	6,000
4-year college/university	2,000	1,000	S	2,000	1,000	S
Other educational institution	2,000	S	2,000	2,000	S	S
Government	4,000	2,000	S	3,000	1,000	3,000
Other S&E-related fields	12,000	8,000	3,000	10,000	2,000	7,000
Business/industry	11,000	8,000	2,000	10,000	2,000	7,000
4-year college/university	2,000	S	S	S	S	S
Other educational institution	2,000	S	S	2,000	S	S
Government	3,000	2,000	S	3,000	S	2,000
Non-S&E fields	28,000	14,000	12,000	21,000	11,000	14,000
Business/industry	23,000	12,000	7,000	17,000	10,000	13,000
4-year college/university	6,000	4,000	2,000	4,000	3,000	3,000
Other educational institution	10,000	5,000	9,000	7,000	2,000	4,000
Government	9,000	5,000	3,000	7,000	4,000	6,000
Arts/humanities	11,000	8,000	4,000	9,000	5,000	7,000
Business/industry	10,000	6,000	2,000	7,000	5,000	6,000
4-year college/university	3,000	2,000	1,000	3,000	2,000	2,000
Other educational institution	4,000	2,000	4,000	2,000	S	1,000
Government	4,000	3,000	S	3,000	2,000	2,000
Education, except science/mathematics teacher education	10,000	4,000	8,000	9,000	3,000	6,000
Business/industry	7,000	3,000	3,000	6,000	2,000	5,000
4-year college/university	2,000	2,000	1,000	2,000	S	S
Other educational institution	8,000	3,000	7,000	6,000	S	3,000
Government	3,000	1,000	2,000	2,000	1,000	2,000
Management/administration	17,000	8,000	5,000	12,000	8,000	8,000
Business/industry	15,000	8,000	4,000	11,000	7,000	8,000
4-year college/university	3,000	2,000	S	2,000	2,000	1,000
Other educational institution	4,000	3,000	3,000	2,000	1,000	1,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	5,000	2,000	S	4,000	3,000	3,000
Sales/marketing	5,000	3,000	2,000	5,000	2,000	3,000
Business/industry	5,000	3,000	S	4,000	2,000	3,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	2,000	S	S	S	S	S
Social services/related	5,000	2,000	2,000	4,000	2,000	3,000
Business/industry	4,000	2,000	2,000	3,000	2,000	3,000
4-year college/university	1,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	2,000	S	S	2,000	S	S
Other non-S&E fields	11,000	7,000	4,000	8,000	5,000	6,000
Business/industry	9,000	5,000	3,000	6,000	4,000	5,000
4-year college/university	2,000	2,000	S	2,000	1,000	S
Other educational institution	4,000	3,000	4,000	2,000	S	S
Government	4,000	2,000	1,000	4,000	1,000	3,000
Master's degrees, all fields	46,000	23,000	27,000	42,000	13,000	29,000
Business/industry	37,000	21,000	12,000	31,000	12,000	24,000
4-year college/university	12,000	7,000	7,000	9,000	3,000	8,000
Other educational institution	23,000	10,000	21,000	16,000	4,000	13,000
Government	17,000	9,000	5,000	15,000	4,000	10,000
S&E fields	26,000	14,000	12,000	22,000	9,000	15,000
Business/industry	20,000	12,000	5,000	17,000	8,000	12,000
4-year college/university	8,000	5,000	4,000	5,000	2,000	4,000
Other educational institution	10,000	4,000	9,000	6,000	2,000	6,000
Government	10,000	6,000	2,000	9,000	2,000	6,000
Sciences	22,000	12,000	11,000	19,000	7,000	13,000
Business/industry	17,000	10,000	5,000	15,000	7,000	10,000
4-year college/university	7,000	5,000	4,000	5,000	2,000	4,000
Other educational institution	10,000	4,000	8,000	6,000	2,000	6,000
Government	10,000	6,000	2,000	8,000	2,000	6,000
Biological/agricultural/environmental life sciences	8,000	5,000	4,000	6,000	2,000	5,000
Business/industry	7,000	3,000	2,000	5,000	2,000	5,000
4-year college/university	3,000	3,000	1,000	2,000	1,000	1,000
Other educational institution	3,000	1,000	3,000	2,000	S	1,000
Government	4,000	2,000	1,000	3,000	500	2,000
Agricultural/food sciences	3,000	2,000	1,000	2,000	*	2,000
Business/industry	2,000	1,000	1,000	2,000	S	2,000
4-year college/university	2,000	1,000	1,000	2,000	S	1,000
Other educational institution	1,000	S	1,000	500	S	S
Government	1,000	1,000	S	1,000	S	1,000
Biological sciences	7,000	4,000	4,000	5,000	2,000	4,000
Business/industry	6,000	3,000	2,000	4,000	2,000	4,000
4-year college/university	2,000	2,000	1,000	2,000	500	1,000
Other educational institution	3,000	1,000	3,000	2,000	S	1,000
Government	3,000	2,000	1,000	2,000	500	2,000
Environmental life sciences	4,000	2,000	1,000	3,000	1,000	2,000
Business/industry	3,000	1,000	S	2,000	500	2,000
4-year college/university	1,000	500	S	1,000	S	S

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	S	1,000	S	S	S
Government	2,000	2,000	S	2,000	500	500
Computer/mathematical sciences	10,000	6,000	3,000	8,000	6,000	4,000
Business/industry	9,000	6,000	1,000	8,000	6,000	4,000
4-year college/university	3,000	2,000	2,000	2,000	2,000	1,000
Other educational institution	3,000	2,000	3,000	1,000	1,000	1,000
Government	3,000	2,000	S	3,000	2,000	1,000
Computer/information sciences	9,000	6,000	2,000	7,000	6,000	4,000
Business/industry	8,000	6,000	1,000	6,000	5,000	4,000
4-year college/university	2,000	1,000	1,000	2,000	2,000	1,000
Other educational institution	2,000	2,000	2,000	1,000	1,000	1,000
Government	2,000	1,000	S	2,000	1,000	1,000
Mathematical sciences	5,000	3,000	3,000	4,000	3,000	2,000
Business/industry	4,000	2,000	1,000	4,000	2,000	2,000
4-year college/university	2,000	1,000	1,000	1,000	1,000	1,000
Other educational institution	2,000	1,000	2,000	1,000	500	500
Government	2,000	1,000	S	2,000	1,000	1,000
Physical/related sciences	6,000	4,000	3,000	5,000	2,000	3,000
Business/industry	5,000	3,000	1,000	4,000	2,000	3,000
4-year college/university	2,000	1,000	1,000	1,000	500	1,000
Other educational institution	3,000	1,000	3,000	2,000	S	1,000
Government	2,000	1,000	500	2,000	500	1,000
Chemistry, except biochemistry	3,000	2,000	2,000	3,000	1,000	2,000
Business/industry	3,000	2,000	500	2,000	1,000	2,000
4-year college/university	1,000	500	500	*	S	1,000
Other educational institution	2,000	500	2,000	2,000	S	S
Government	1,000	500	S	500	S	500
Earth/atmospheric/ocean sciences	4,000	3,000	2,000	3,000	1,000	2,000
Business/industry	3,000	2,000	S	2,000	1,000	2,000
4-year college/university	1,000	500	500	500	*	1,000
Other educational institution	2,000	1,000	1,000	1,000	S	S
Government	2,000	1,000	S	2,000	500	500
Physics/astronomy	3,000	2,000	2,000	2,000	1,000	2,000
Business/industry	2,000	2,000	S	2,000	1,000	1,000
4-year college/university	1,000	1,000	1,000	1,000	500	*
Other educational institution	1,000	500	1,000	500	S	S
Government	500	500	S	500	S	S
Other physical sciences	1,000	500	1,000	1,000	S	S
Business/industry	1,000	S	S	1,000	S	S
4-year college/university	*	*	S	S	S	S
Other educational institution	1,000	S	1,000	S	S	S
Government	S	S	S	S	S	S
Social/related sciences	17,000	8,000	8,000	15,000	3,000	12,000
Business/industry	13,000	6,000	4,000	12,000	3,000	9,000
4-year college/university	5,000	3,000	2,000	4,000	1,000	3,000
Other educational institution	8,000	3,000	7,000	5,000	1,000	5,000
Government	8,000	4,000	2,000	6,000	1,000	5,000
Economics	6,000	3,000	2,000	6,000	1,000	3,000
Business/industry	6,000	3,000	S	5,000	1,000	2,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	500	S	500
Other educational institution	2,000	S	1,000	S	S	S
Government	1,000	1,000	S	1,000	500	500
Political/related sciences	8,000	4,000	2,000	7,000	2,000	4,000
Business/industry	6,000	3,000	1,000	6,000	2,000	3,000
4-year college/university	2,000	1,000	1,000	1,000	S	1,000
Other educational institution	2,000	500	1,000	2,000	S	1,000
Government	4,000	2,000	S	4,000	1,000	2,000
Psychology	13,000	5,000	7,000	11,000	2,000	10,000
Business/industry	8,000	4,000	3,000	7,000	1,000	7,000
4-year college/university	4,000	2,000	2,000	3,000	S	2,000
Other educational institution	7,000	3,000	6,000	4,000	1,000	5,000
Government	5,000	3,000	1,000	5,000	S	4,000
Sociology/anthropology	5,000	3,000	2,000	4,000	1,000	3,000
Business/industry	3,000	2,000	1,000	3,000	1,000	2,000
4-year college/university	2,000	2,000	1,000	1,000	S	2,000
Other educational institution	2,000	1,000	2,000	1,000	S	500
Government	2,000	1,000	500	2,000	S	2,000
Other social sciences	5,000	2,000	3,000	4,000	1,000	4,000
Business/industry	3,000	1,000	1,000	3,000	1,000	2,000
4-year college/university	2,000	1,000	1,000	2,000	500	1,000
Other educational institution	3,000	2,000	3,000	2,000	S	1,000
Government	3,000	1,000	S	2,000	500	2,000
Engineering	12,000	7,000	3,000	10,000	5,000	6,000
Business/industry	10,000	7,000	2,000	9,000	5,000	5,000
4-year college/university	2,000	2,000	1,000	1,000	1,000	1,000
Other educational institution	2,000	1,000	2,000	1,000	S	500
Government	4,000	2,000	500	3,000	1,000	2,000
Aerospace/related engineering	2,000	1,000	1,000	1,000	1,000	1,000
Business/industry	2,000	1,000	S	1,000	500	1,000
4-year college/university	500	500	*	S	500	S
Other educational institution	S	S	S	S	S	S
Government	1,000	1,000	S	500	500	500
Chemical engineering	2,000	1,000	1,000	2,000	1,000	1,000
Business/industry	2,000	1,000	500	2,000	1,000	1,000
4-year college/university	500	500	S	S	S	*
Other educational institution	1,000	S	1,000	S	S	S
Government	1,000	500	S	1,000	S	1,000
Civil/architectural engineering	5,000	3,000	1,000	4,000	1,000	2,000
Business/industry	4,000	3,000	S	3,000	1,000	2,000
4-year college/university	1,000	500	500	S	500	S
Other educational institution	1,000	S	1,000	S	S	S
Government	2,000	1,000	S	2,000	500	1,000
Electrical/computer engineering	7,000	5,000	2,000	5,000	4,000	3,000
Business/industry	7,000	5,000	1,000	5,000	4,000	3,000
4-year college/university	1,000	1,000	1,000	500	1,000	500
Other educational institution	1,000	S	1,000	S	S	S
Government	1,000	1,000	S	1,000	1,000	1,000
Industrial engineering	3,000	2,000	1,000	2,000	1,000	1,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	500	2,000	1,000	1,000
4-year college/university	1,000	500	1,000	S	*	S
Other educational institution	S	S	S	S	S	S
Government	1,000	500	S	1,000	S	1,000
Mechanical engineering	4,000	3,000	1,000	3,000	2,000	2,000
Business/industry	4,000	3,000	500	3,000	2,000	2,000
4-year college/university	1,000	1,000	1,000	500	1,000	S
Other educational institution	500	S	500	S	S	S
Government	1,000	1,000	S	1,000	S	1,000
Other engineering	5,000	3,000	1,000	4,000	2,000	3,000
Business/industry	5,000	3,000	1,000	4,000	2,000	3,000
4-year college/university	1,000	1,000	1,000	500	500	1,000
Other educational institution	1,000	S	1,000	500	S	S
Government	2,000	1,000	S	2,000	1,000	1,000
S&E-related fields	19,000	10,000	13,000	14,000	4,000	15,000
Business/industry	17,000	8,000	8,000	12,000	2,000	13,000
4-year college/university	6,000	3,000	4,000	5,000	1,000	5,000
Other educational institution	11,000	5,000	10,000	7,000	2,000	7,000
Government	8,000	4,000	3,000	6,000	2,000	5,000
Health	16,000	7,000	9,000	11,000	2,000	14,000
Business/industry	14,000	6,000	7,000	10,000	1,000	12,000
4-year college/university	6,000	3,000	3,000	4,000	1,000	4,000
Other educational institution	7,000	3,000	6,000	4,000	1,000	6,000
Government	6,000	3,000	3,000	5,000	1,000	5,000
Science/mathematics teacher education	9,000	4,000	8,000	6,000	2,000	4,000
Business/industry	4,000	2,000	2,000	4,000	1,000	3,000
4-year college/university	2,000	1,000	2,000	1,000	S	1,000
Other educational institution	8,000	3,000	8,000	5,000	2,000	2,000
Government	3,000	S	1,000	1,000	S	1,000
Technology/technical fields	4,000	3,000	2,000	4,000	2,000	3,000
Business/industry	4,000	2,000	S	3,000	2,000	2,000
4-year college/university	1,000	S	S	500	S	S
Other educational institution	2,000	S	2,000	S	S	S
Government	2,000	1,000	S	1,000	S	S
Other S&E-related fields	6,000	5,000	1,000	5,000	S	4,000
Business/industry	5,000	5,000	S	4,000	S	3,000
4-year college/university	1,000	500	1,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	3,000	1,000	S	3,000	S	2,000
Non-S&E fields	36,000	16,000	21,000	32,000	9,000	20,000
Business/industry	28,000	13,000	7,000	25,000	8,000	16,000
4-year college/university	8,000	4,000	5,000	6,000	3,000	5,000
Other educational institution	20,000	8,000	17,000	13,000	3,000	9,000
Government	12,000	5,000	3,000	11,000	3,000	7,000
Arts/humanities	8,000	5,000	4,000	6,000	2,000	4,000
Business/industry	6,000	3,000	1,000	5,000	2,000	3,000
4-year college/university	2,000	1,000	2,000	1,000	500	1,000
Other educational institution	4,000	2,000	4,000	2,000	S	1,000
Government	2,000	1,000	S	2,000	S	1,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Education, except science/mathematics teacher education	22,000	9,000	18,000	17,000	4,000	10,000
Business/industry	9,000	4,000	3,000	8,000	2,000	6,000
4-year college/university	5,000	3,000	4,000	3,000	S	3,000
Other educational institution	18,000	7,000	16,000	13,000	3,000	7,000
Government	4,000	1,000	2,000	4,000	1,000	3,000
Management/administration	22,000	11,000	6,000	21,000	7,000	12,000
Business/industry	20,000	10,000	3,000	19,000	6,000	11,000
4-year college/university	4,000	1,000	3,000	3,000	2,000	2,000
Other educational institution	4,000	1,000	4,000	3,000	S	2,000
Government	8,000	3,000	2,000	7,000	2,000	4,000
Sales/marketing	7,000	3,000	2,000	7,000	2,000	4,000
Business/industry	7,000	3,000	S	7,000	2,000	3,000
4-year college/university	2,000	S	S	S	S	S
Other educational institution	1,000	S	1,000	S	S	S
Government	2,000	S	S	2,000	S	S
Social services/related	12,000	5,000	7,000	10,000	2,000	9,000
Business/industry	10,000	4,000	5,000	8,000	1,000	8,000
4-year college/university	3,000	2,000	2,000	2,000	S	2,000
Other educational institution	4,000	1,000	3,000	3,000	S	3,000
Government	5,000	2,000	2,000	3,000	S	4,000
Other non-S&E fields	11,000	5,000	5,000	10,000	4,000	8,000
Business/industry	8,000	3,000	2,000	7,000	2,000	6,000
4-year college/university	4,000	2,000	2,000	3,000	1,000	3,000
Other educational institution	4,000	2,000	4,000	2,000	S	2,000
Government	7,000	3,000	1,000	7,000	2,000	4,000
Doctorate degrees, all fields	9,000	6,000	5,000	7,000	2,000	5,000
Business/industry	6,000	4,000	2,000	5,000	2,000	4,000
4-year college/university	6,000	5,000	4,000	3,000	1,000	2,000
Other educational institution	4,000	2,000	3,000	3,000	1,000	2,000
Government	3,000	1,000	1,000	2,000	1,000	1,000
S&E fields	5,000	4,000	2,000	3,000	2,000	2,000
Business/industry	4,000	3,000	1,000	3,000	2,000	2,000
4-year college/university	3,000	3,000	2,000	2,000	1,000	1,000
Other educational institution	1,000	1,000	1,000	1,000	500	1,000
Government	2,000	1,000	500	1,000	500	1,000
Sciences	4,000	4,000	2,000	3,000	2,000	2,000
Business/industry	3,000	2,000	1,000	3,000	1,000	2,000
4-year college/university	3,000	3,000	2,000	2,000	1,000	1,000
Other educational institution	1,000	500	1,000	1,000	*	1,000
Government	1,000	1,000	500	1,000	500	1,000
Biological/agricultural/environmental life sciences	3,000	2,000	1,000	2,000	1,000	1,000
Business/industry	2,000	2,000	500	2,000	1,000	1,000
4-year college/university	2,000	2,000	1,000	1,000	1,000	1,000
Other educational institution	500	500	500	500	*	500
Government	1,000	1,000	500	1,000	500	500
Agricultural/food sciences	1,000	1,000	500	1,000	500	500
Business/industry	1,000	500	*	1,000	*	500
4-year college/university	500	500	500	500	*	500
Other educational institution	500	*	*	*	S	S
Government	500	500	S	500	S	*

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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
Biological sciences	3,000	2,000	1,000	2,000	1,000	1,000
Business/industry	2,000	2,000	500	1,000	1,000	1,000
4-year college/university	2,000	2,000	1,000	1,000	1,000	1,000
Other educational institution	500	500	500	500	*	500
Government	1,000	1,000	500	1,000	500	500
Environmental life sciences	500	500	500	500	*	500
Business/industry	500	500	S	500	S	500
4-year college/university	500	500	500	500	*	*
Other educational institution	*	S	*	S	S	S
Government	500	500	S	500	S	*
Computer/mathematical sciences	2,000	1,000	1,000	1,000	1,000	1,000
Business/industry	1,000	1,000	*	1,000	1,000	500
4-year college/university	1,000	1,000	1,000	500	500	500
Other educational institution	500	*	500	*	S	*
Government	500	500	S	500	500	*
Computer/information sciences	1,000	1,000	1,000	1,000	1,000	500
Business/industry	1,000	1,000	*	1,000	1,000	500
4-year college/university	1,000	1,000	1,000	500	500	*
Other educational institution	*	S	*	S	S	S
Government	500	*	S	*	*	S
Mathematical sciences	1,000	1,000	1,000	1,000	500	500
Business/industry	1,000	1,000	*	1,000	500	500
4-year college/university	1,000	1,000	1,000	500	500	500
Other educational institution	500	*	500	S	S	*
Government	500	500	S	500	500	*
Physical/related sciences	2,000	2,000	1,000	1,000	1,000	1,000
Business/industry	2,000	1,000	500	1,000	1,000	1,000
4-year college/university	1,000	1,000	1,000	1,000	500	500
Other educational institution	500	500	500	500	S	500
Government	1,000	1,000	*	1,000	500	500
Chemistry, except biochemistry	1,000	1,000	1,000	1,000	500	1,000
Business/industry	1,000	1,000	500	1,000	500	1,000
4-year college/university	1,000	1,000	1,000	500	500	500
Other educational institution	500	S	500	500	S	*
Government	500	500	S	500	*	500
Earth/atmospheric/ocean sciences	1,000	1,000	500	500	500	500
Business/industry	500	500	S	500	500	500
4-year college/university	500	500	500	500	500	500
Other educational institution	500	*	*	*	S	S
Government	500	500	S	500	*	*
Physics/astronomy	1,000	1,000	1,000	1,000	1,000	1,000
Business/industry	1,000	1,000	*	1,000	500	500
4-year college/university	1,000	1,000	1,000	500	500	500
Other educational institution	500	*	500	*	S	*
Government	500	500	S	500	500	500
Other physical sciences	500	500	*	500	*	*
Business/industry	500	500	S	500	S	*
4-year college/university	500	500	*	*	S	S
Other educational institution	S	S	S	S	S	S

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	*	*	S	*	S	S
Social/related sciences	2,000	1,000	1,000	1,000	500	1,000
Business/industry	1,000	1,000	500	1,000	500	1,000
4-year college/university	1,000	1,000	1,000	1,000	500	1,000
Other educational institution	1,000	500	500	500	S	1,000
Government	1,000	500	500	1,000	500	500
Economics	1,000	1,000	500	500	500	500
Business/industry	1,000	500	*	500	500	500
4-year college/university	500	500	500	500	*	500
Other educational institution	500	*	*	*	S	S
Government	500	500	S	500	*	500
Political/related sciences	1,000	1,000	500	1,000	500	1,000
Business/industry	1,000	500	*	500	*	500
4-year college/university	500	500	500	500	*	500
Other educational institution	500	*	500	*	S	*
Government	500	500	S	500	S	500
Psychology	1,000	1,000	1,000	1,000	500	1,000
Business/industry	1,000	1,000	500	1,000	500	1,000
4-year college/university	1,000	1,000	1,000	1,000	500	500
Other educational institution	1,000	500	500	500	S	1,000
Government	500	500	500	500	*	500
Sociology/anthropology	1,000	500	500	1,000	500	500
Business/industry	500	500	*	500	*	500
4-year college/university	1,000	500	500	500	*	500
Other educational institution	500	*	500	*	S	*
Government	500	500	S	500	*	*
Other social sciences	1,000	500	500	500	500	500
Business/industry	500	500	*	500	*	500
4-year college/university	500	500	500	500	*	500
Other educational institution	500	*	500	*	S	*
Government	500	500	S	500	*	*
Engineering	2,000	2,000	1,000	1,000	1,000	1,000
Business/industry	2,000	2,000	500	1,000	1,000	1,000
4-year college/university	1,000	1,000	1,000	1,000	500	500
Other educational institution	500	*	500	*	S	*
Government	1,000	500	S	500	500	500
Aerospace/related engineering	1,000	500	500	500	500	500
Business/industry	500	500	S	500	500	500
4-year college/university	500	500	500	*	S	S
Other educational institution	S	S	S	S	S	S
Government	500	500	S	*	*	S
Chemical engineering	1,000	1,000	500	1,000	1,000	500
Business/industry	1,000	1,000	S	500	500	500
4-year college/university	500	500	500	500	S	*
Other educational institution	*	S	*	S	S	S
Government	500	500	S	*	S	*
Civil/architectural engineering	1,000	1,000	500	500	500	500
Business/industry	500	500	S	500	500	500
4-year college/university	500	500	500	500	*	*

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	500	500	S	500	*	*
Electrical/computer engineering	1,000	1,000	1,000	1,000	1,000	500
Business/industry	1,000	1,000	*	1,000	1,000	500
4-year college/university	1,000	1,000	500	500	500	500
Other educational institution	*	S	*	S	S	S
Government	500	500	S	500	*	S
Industrial engineering	500	500	500	500	*	*
Business/industry	500	500	S	500	*	*
4-year college/university	500	500	500	*	S	S
Other educational institution	S	S	S	S	S	S
Government	*	S	S	S	S	S
Mechanical engineering	1,000	1,000	500	500	500	500
Business/industry	1,000	500	S	500	500	500
4-year college/university	500	500	500	500	*	*
Other educational institution	*	S	S	S	S	S
Government	500	500	S	*	S	*
Other engineering	1,000	1,000	500	1,000	500	500
Business/industry	1,000	1,000	*	1,000	500	500
4-year college/university	1,000	1,000	500	500	*	500
Other educational institution	*	S	*	S	S	S
Government	500	500	S	500	*	500
S&E-related fields	3,000	2,000	2,000	2,000	1,000	2,000
Business/industry	2,000	2,000	1,000	2,000	500	2,000
4-year college/university	2,000	2,000	1,000	1,000	500	1,000
Other educational institution	1,000	500	1,000	1,000	S	*
Government	1,000	500	500	500	*	500
Health	2,000	1,000	1,000	1,000	500	2,000
Business/industry	2,000	1,000	1,000	1,000	*	2,000
4-year college/university	1,000	1,000	500	1,000	*	1,000
Other educational institution	500	*	500	500	S	*
Government	1,000	500	500	500	*	500
Science/mathematics teacher education	1,000	1,000	1,000	1,000	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	1,000	1,000	1,000	500	S	S
Other educational institution	1,000	S	1,000	S	S	S
Government	S	S	S	S	S	S
Technology/technical fields	1,000	1,000	S	S	1,000	S
Business/industry	1,000	1,000	S	S	S	S
4-year college/university	1,000	1,000	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	1,000	1,000	1,000	1,000	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	1,000	1,000	1,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Non-S&E fields	7,000	4,000	4,000	6,000	1,000	4,000
Business/industry	5,000	2,000	2,000	4,000	1,000	3,000

TABLE A-13. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree, employment sector, and primary/secondary work activity: 2006

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	4,000	3,000	3,000	2,000	S	2,000
Other educational institution	4,000	2,000	3,000	3,000	S	1,000
Government	2,000	500	S	2,000	S	1,000
Arts/humanities	3,000	1,000	2,000	2,000	S	2,000
Business/industry	1,000	S	S	1,000	S	S
4-year college/university	2,000	1,000	2,000	1,000	S	1,000
Other educational institution	500	S	500	S	S	S
Government	S	S	S	S	S	S
Education, except science/mathematics teacher education	5,000	3,000	3,000	4,000	1,000	3,000
Business/industry	2,000	2,000	S	2,000	S	1,000
4-year college/university	3,000	2,000	2,000	2,000	S	2,000
Other educational institution	3,000	2,000	2,000	3,000	S	1,000
Government	1,000	S	S	1,000	S	S
Management/administration	2,000	2,000	1,000	1,000	S	1,000
Business/industry	2,000	1,000	S	1,000	S	S
4-year college/university	1,000	1,000	1,000	500	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Sales/marketing	500	500	500	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	500	500	500	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Social services/related	3,000	1,000	3,000	2,000	S	2,000
Business/industry	2,000	1,000	2,000	2,000	S	2,000
4-year college/university	1,000	1,000	1,000	500	S	S
Other educational institution	2,000	S	S	S	S	S
Government	S	S	S	S	S	S
Other non-S&E fields	3,000	2,000	1,000	3,000	S	2,000
Business/industry	3,000	1,000	S	2,000	S	1,000
4-year college/university	1,000	1,000	1,000	S	S	500
Other educational institution	S	S	S	S	S	S
Government	1,000	S	S	S	S	S

* = standard error is not calculated when estimate is less than 500; 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 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, 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): 2006.

TABLE A-14. Standard errors for employed 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	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
All degree levels and fields[b]	83,000	61,000	53,000	6,000	21,000	20,000	20,000	74,000	12,000
S&E fields	66,000	53,000	37,000	4,000	17,000	14,000	15,000	58,000	8,000
Sciences	63,000	47,000	38,000	4,000	14,000	14,000	13,000	57,000	8,000
Biological/agricultural/environmental life sciences	28,000	20,000	18,000	1,000	7,000	5,000	6,000	25,000	3,000
Agricultural sciences	13,000	9,000	8,000	1,000	3,000	1,000	2,000	12,000	2,000
Biological sciences	24,000	16,000	16,000	1,000	7,000	5,000	6,000	21,000	2,000
Environmental life sciences	9,000	8,000	5,000	1,000	1,000	500	1,000	9,000	1,000
Computer/mathematical sciences	23,000	17,000	15,000	2,000	9,000	6,000	6,000	23,000	4,000
Computer/information sciences	17,000	14,000	10,000	2,000	8,000	5,000	5,000	18,000	4,000
Mathematics/statistics	16,000	11,000	10,000	*	4,000	3,000	2,000	14,000	2,000
Physical/related sciences	14,000	13,000	8,000	1,000	5,000	2,000	3,000	13,000	1,000
Chemistry, except biochemistry	11,000	9,000	5,000	1,000	4,000	2,000	2,000	10,000	1,000
Earth/atmospheric/ocean sciences	8,000	7,000	4,000	500	1,000	500	1,000	8,000	500
Physics/astronomy	6,000	5,000	2,000	*	3,000	1,000	1,000	5,000	500
Other physical sciences	5,000	4,000	3,000	S	1,000	1,000	1,000	4,000	500
Social/related sciences	50,000	35,000	33,000	3,000	9,000	11,000	10,000	46,000	7,000
Economics	19,000	18,000	10,000	S	6,000	3,000	4,000	17,000	2,000
Political/related sciences	22,000	17,000	13,000	1,000	4,000	5,000	4,000	19,000	3,000
Psychology	26,000	15,000	21,000	2,000	4,000	7,000	6,000	25,000	4,000
Sociology/anthropology	20,000	13,000	16,000	2,000	4,000	6,000	4,000	18,000	3,000
Other social sciences	15,000	11,000	12,000	2,000	3,000	4,000	4,000	14,000	2,000
Engineering	27,000	27,000	9,000	1,000	10,000	4,000	6,000	23,000	3,000
Aerospace/aeronautical/astronautical engineering	6,000	5,000	2,000	S	1,000	1,000	1,000	5,000	1,000
Chemical engineering	7,000	6,000	3,000	1,000	2,000	1,000	1,000	6,000	1,000
Civil/architectural engineering	11,000	11,000	4,000	500	4,000	2,000	3,000	9,000	2,000
Electrical/computer engineering	14,000	13,000	5,000	500	6,000	3,000	3,000	11,000	2,000
Industrial engineering	8,000	7,000	3,000	S	2,000	1,000	2,000	7,000	1,000
Mechanical engineering	13,000	13,000	3,000	500	4,000	2,000	2,000	12,000	1,000
Other engineering	11,000	10,000	3,000	S	3,000	1,000	3,000	10,000	1,000
S&E-related fields	43,000	27,000	33,000	3,000	13,000	10,000	10,000	40,000	7,000
Health	35,000	20,000	30,000	3,000	12,000	8,000	8,000	31,000	7,000
Science/mathematics teacher education	16,000	10,000	12,000	S	2,000	3,000	3,000	15,000	1,000
Technology/technical fields	13,000	13,000	5,000	S	4,000	3,000	3,000	11,000	2,000
Other S&E-related fields	14,000	12,000	7,000	S	3,000	3,000	3,000	13,000	1,000
Non-S&E fields	47,000	34,000	32,000	4,000	10,000	12,000	10,000	44,000	5,000
Arts/humanities	13,000	10,000	10,000	S	4,000	2,000	3,000	13,000	1,000

TABLE A-14. Standard errors for employed 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	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Education, except science/mathematics teacher education	24,000	16,000	19,000	2,000	3,000	6,000	5,000	23,000	2,000
Management/administration	27,000	21,000	14,000	2,000	8,000	6,000	6,000	25,000	3,000
Sales/marketing	9,000	7,000	5,000	S	2,000	2,000	2,000	8,000	S
Social services/related	14,000	10,000	10,000	S	2,000	4,000	3,000	13,000	1,000
Other non-S&E fields	25,000	18,000	18,000	2,000	5,000	6,000	5,000	22,000	3,000
Bachelor's degrees	70,000	50,000	45,000	5,000	18,000	16,000	17,000	62,000	11,000
S&E fields	61,000	47,000	35,000	4,000	15,000	14,000	14,000	55,000	8,000
Sciences	60,000	44,000	35,000	4,000	13,000	13,000	13,000	54,000	7,000
Biological/agricultural/environmental life sciences	27,000	19,000	18,000	1,000	7,000	5,000	6,000	24,000	3,000
Agricultural sciences	12,000	9,000	8,000	1,000	3,000	1,000	2,000	12,000	2,000
Biological sciences	23,000	15,000	16,000	1,000	6,000	5,000	5,000	21,000	2,000
Environmental life sciences	8,000	7,000	5,000	1,000	1,000	500	1,000	8,000	500
Computer/mathematical sciences	21,000	16,000	14,000	2,000	8,000	5,000	5,000	21,000	4,000
Computer/information sciences	15,000	12,000	9,000	2,000	7,000	5,000	5,000	16,000	3,000
Mathematics/statistics	15,000	11,000	9,000	S	3,000	3,000	2,000	13,000	2,000
Physical/related sciences	13,000	12,000	7,000	1,000	4,000	2,000	3,000	12,000	1,000
Chemistry, except biochemistry	10,000	8,000	5,000	1,000	3,000	2,000	2,000	9,000	1,000
Earth/atmospheric/ocean sciences	7,000	6,000	3,000	S	1,000	500	1,000	7,000	500
Physics/astronomy	6,000	5,000	2,000	S	2,000	1,000	1,000	5,000	500
Other physical sciences	4,000	3,000	3,000	S	1,000	1,000	1,000	4,000	S
Social/related sciences	46,000	32,000	29,000	3,000	8,000	11,000	10,000	42,000	6,000
Economics	19,000	17,000	9,000	S	6,000	3,000	4,000	16,000	2,000
Political/related sciences	20,000	16,000	11,000	1,000	4,000	5,000	4,000	17,000	3,000
Psychology	23,000	14,000	18,000	2,000	4,000	6,000	5,000	22,000	3,000
Sociology/anthropology	21,000	13,000	17,000	2,000	4,000	6,000	4,000	19,000	3,000
Other social sciences	14,000	10,000	11,000	2,000	2,000	4,000	3,000	13,000	2,000
Engineering	24,000	23,000	8,000	1,000	8,000	4,000	5,000	20,000	3,000
Aerospace/aeronautical/astronautical engineering	5,000	5,000	2,000	S	1,000	1,000	1,000	5,000	1,000
Chemical engineering	6,000	6,000	3,000	1,000	2,000	1,000	1,000	6,000	1,000
Civil/architectural engineering	9,000	9,000	3,000	500	3,000	2,000	3,000	8,000	2,000
Electrical/computer engineering	11,000	11,000	4,000	500	5,000	3,000	3,000	10,000	2,000
Industrial engineering	7,000	6,000	3,000	S	2,000	1,000	2,000	7,000	1,000
Mechanical engineering	11,000	11,000	3,000	500	4,000	2,000	2,000	11,000	1,000
Other engineering	9,000	9,000	3,000	S	2,000	1,000	2,000	8,000	1,000

TABLE A-14. Standard errors for employed 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	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
S&E-related fields	38,000	20,000	31,000	3,000	11,000	8,000	8,000	33,000	6,000
Health	30,000	11,000	27,000	2,000	9,000	7,000	6,000	26,000	6,000
Science/mathematics teacher education	12,000	7,000	8,000	S	2,000	1,000	2,000	12,000	S
Technology/technical fields	12,000	12,000	4,000	S	3,000	3,000	3,000	10,000	2,000
Other S&E-related fields	12,000	11,000	6,000	S	3,000	2,000	3,000	11,000	1,000
Non-S&E fields	28,000	20,000	19,000	3,000	5,000	5,000	4,000	26,000	2,000
Arts/humanities	11,000	8,000	8,000	S	2,000	1,000	2,000	11,000	1,000
Education, except science/mathematics teacher education	10,000	6,000	9,000	S	2,000	2,000	2,000	10,000	1,000
Management/administration	17,000	13,000	9,000	S	4,000	3,000	3,000	15,000	2,000
Sales/marketing	5,000	4,000	4,000	S	S	1,000	1,000	5,000	S
Social services/related	5,000	4,000	3,000	S	1,000	2,000	S	4,000	S
Other non-S&E fields	11,000	7,000	8,000	S	1,000	3,000	2,000	10,000	1,000
Master's degrees	46,000	33,000	30,000	3,000	12,000	12,000	9,000	41,000	6,000
S&E fields	26,000	20,000	15,000	1,000	8,000	5,000	5,000	22,000	4,000
Sciences	22,000	16,000	15,000	1,000	6,000	5,000	5,000	20,000	3,000
Biological/agricultural/environmental life sciences	8,000	6,000	6,000	500	2,000	2,000	2,000	7,000	1,000
Agricultural sciences	3,000	2,000	2,000	S	1,000	1,000	1,000	3,000	1,000
Biological sciences	7,000	5,000	5,000	*	2,000	1,000	2,000	6,000	1,000
Environmental life sciences	4,000	3,000	2,000	S	1,000	500	*	4,000	S
Computer/mathematical sciences	10,000	9,000	6,000	1,000	5,000	2,000	2,000	8,000	2,000
Computer/information sciences	9,000	8,000	5,000	S	4,000	2,000	2,000	8,000	2,000
Mathematics/statistics	5,000	4,000	3,000	S	2,000	1,000	500	4,000	*
Physical/related sciences	6,000	5,000	3,000	*	2,000	1,000	1,000	5,000	500
Chemistry, except biochemistry	3,000	3,000	2,000	S	2,000	500	500	3,000	S
Earth/atmospheric/ocean sciences	4,000	3,000	2,000	S	1,000	*	500	4,000	500
Physics/astronomy	3,000	3,000	1,000	S	1,000	500	1,000	2,000	*
Other physical sciences	1,000	1,000	1,000	S	S	500	S	1,000	S
Social/related sciences	17,000	11,000	13,000	1,000	3,000	4,000	4,000	16,000	2,000
Economics	6,000	5,000	4,000	S	2,000	1,000	1,000	6,000	S
Political/related sciences	8,000	6,000	5,000	S	2,000	2,000	1,000	7,000	1,000
Psychology	13,000	7,000	10,000	500	2,000	3,000	2,000	12,000	2,000
Sociology/anthropology	5,000	3,000	3,000	S	1,000	1,000	2,000	4,000	1,000
Other social sciences	5,000	4,000	4,000	S	1,000	2,000	2,000	4,000	1,000
Engineering	12,000	11,000	4,000	*	5,000	1,000	3,000	10,000	1,000
Aerospace/aeronautical/astronautical engineering	2,000	2,000	500	S	1,000	S	1,000	2,000	500

TABLE A-14. Standard errors for employed 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	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Chemical engineering	2,000	2,000	1,000	S	2,000	500	1,000	2,000	S
Civil/architectural engineering	5,000	4,000	2,000	S	2,000	500	1,000	4,000	1,000
Electrical/computer engineering	7,000	7,000	2,000	S	3,000	1,000	1,000	5,000	1,000
Industrial engineering	3,000	2,000	1,000	S	1,000	1,000	1,000	2,000	S
Mechanical engineering	4,000	4,000	1,000	S	2,000	500	1,000	4,000	1,000
Other engineering	5,000	5,000	2,000	S	2,000	500	1,000	5,000	500
S&E-related fields	19,000	11,000	16,000	1,000	5,000	5,000	3,000	18,000	2,000
Health	16,000	7,000	14,000	1,000	4,000	4,000	3,000	14,000	2,000
Science/mathematics teacher education	9,000	6,000	7,000	S	2,000	2,000	1,000	8,000	1,000
Technology/technical fields	4,000	4,000	2,000	S	2,000	1,000	1,000	4,000	S
Other S&E-related fields	6,000	5,000	3,000	S	1,000	1,000	1,000	6,000	S
Non-S&E fields	36,000	27,000	24,000	2,000	8,000	10,000	7,000	33,000	4,000
Arts/humanities	8,000	5,000	6,000	S	3,000	1,000	2,000	7,000	500
Education, except science/mathematics teacher education	22,000	14,000	17,000	1,000	3,000	6,000	4,000	21,000	2,000
Management/administration	22,000	18,000	12,000	1,000	6,000	6,000	5,000	20,000	2,000
Sales/marketing	7,000	6,000	4,000	S	2,000	1,000	2,000	7,000	S
Social services/related	12,000	8,000	9,000	S	2,000	4,000	2,000	11,000	1,000
Other non-S&E fields	11,000	9,000	9,000	S	2,000	4,000	2,000	11,000	1,000
Doctorate degrees	9,000	7,000	5,000	500	3,000	2,000	2,000	8,000	1,000
S&E fields	5,000	4,000	2,000	500	2,000	1,000	1,000	4,000	1,000
Sciences	4,000	3,000	2,000	500	2,000	1,000	1,000	3,000	1,000
Biological/agricultural/environmental life sciences	3,000	2,000	1,000	*	2,000	1,000	1,000	2,000	500
Agricultural sciences	1,000	1,000	500	S	500	500	500	500	*
Biological sciences	3,000	2,000	1,000	*	2,000	500	500	2,000	500
Environmental life sciences	500	500	500	S	500	*	*	500	S
Computer/mathematical sciences	2,000	1,000	1,000	S	1,000	500	500	1,000	*
Computer/information sciences	1,000	1,000	500	S	1,000	*	*	1,000	*
Mathematics/statistics	1,000	1,000	500	S	500	500	500	1,000	*
Physical/related sciences	2,000	2,000	1,000	*	1,000	500	500	2,000	500
Chemistry, except biochemistry	1,000	1,000	1,000	S	1,000	500	500	1,000	500
Earth/atmospheric/ocean sciences	1,000	1,000	500	S	500	*	*	500	*
Physics/astronomy	1,000	1,000	500	S	500	500	500	1,000	*
Other physical sciences	500	500	500	S	*	S	*	500	S
Social/related sciences	2,000	1,000	1,000	500	1,000	500	500	1,000	500
Economics	1,000	500	500	S	500	500	500	500	*

TABLE A-14. Standard errors for employed 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	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/ Alaska Native	Asian	Black	Hispanic	White	Other
Political/related sciences	1,000	1,000	500	*	500	500	*	1,000	*
Psychology	1,000	1,000	1,000	*	500	500	500	1,000	500
Sociology/anthropology	1,000	500	500	*	500	500	500	1,000	500
Other social sciences	1,000	500	500	*	500	500	500	500	*
Engineering	2,000	2,000	500	S	1,000	500	500	1,000	500
Aerospace/aeronautical/astronautical engineering	1,000	1,000	*	S	500	*	*	500	S
Chemical engineering	1,000	1,000	500	S	1,000	*	500	1,000	*
Civil/architectural engineering	1,000	1,000	500	S	500	*	*	500	S
Electrical/computer engineering	1,000	1,000	500	S	1,000	500	500	1,000	*
Industrial engineering	500	500	500	S	500	*	*	500	S
Mechanical engineering	1,000	1,000	500	S	500	*	*	500	*
Other engineering	1,000	1,000	500	S	1,000	500	500	1,000	*
S&E-related fields	3,000	2,000	2,000	*	1,000	1,000	1,000	3,000	500
Health	2,000	1,000	2,000	*	1,000	1,000	1,000	1,000	*
Science/mathematics teacher education	1,000	1,000	1,000	S	S	S	S	1,000	S
Technology/technical fields	1,000	1,000	S	S	1,000	S	S	1,000	S
Other S&E-related fields	1,000	1,000	500	S	S	S	S	1,000	S
Non-S&E fields	7,000	6,000	4,000	S	1,000	1,000	2,000	7,000	1,000
Arts/humanities	3,000	2,000	2,000	S	S	S	1,000	2,000	S
Education, except science/mathematics teacher education	5,000	4,000	3,000	S	500	1,000	1,000	5,000	500
Management/administration	2,000	2,000	1,000	S	1,000	S	S	2,000	S
Sales/marketing	500	500	S	S	S	S	S	S	S
Social services/related	3,000	3,000	1,000	S	S	1,000	S	3,000	S
Other non-S&E fields	3,000	3,000	2,000	S	S	S	S	3,000	S

* = standard error is not calculated when estimate is less than 500; 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.

TABLE A-15. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

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]	83,000	30,000	45,000	41,000	32,000	46,000	27,000	28,000	27,000	46,000
S&E fields	66,000	21,000	30,000	28,000	22,000	33,000	17,000	21,000	20,000	36,000
Sciences	63,000	19,000	27,000	26,000	20,000	30,000	16,000	18,000	19,000	34,000
Biological/agricultural/environmental life sciences	28,000	6,000	11,000	10,000	9,000	12,000	7,000	9,000	7,000	12,000
Agricultural sciences	13,000	3,000	5,000	5,000	5,000	5,000	3,000	5,000	3,000	5,000
Biological sciences	24,000	6,000	9,000	8,000	7,000	10,000	5,000	7,000	6,000	10,000
Environmental life sciences	9,000	2,000	4,000	3,000	3,000	5,000	2,000	2,000	3,000	4,000
Computer/mathematical sciences	23,000	7,000	12,000	11,000	7,000	12,000	5,000	8,000	6,000	22,000
Computer/information sciences	17,000	6,000	10,000	9,000	6,000	10,000	4,000	6,000	5,000	21,000
Mathematics/statistics	16,000	5,000	6,000	5,000	4,000	7,000	3,000	5,000	4,000	6,000
Physical/related sciences	14,000	4,000	7,000	5,000	3,000	6,000	3,000	4,000	5,000	7,000
Chemistry, except biochemistry	11,000	3,000	5,000	4,000	2,000	5,000	3,000	3,000	3,000	4,000
Earth/atmospheric/ocean sciences	8,000	2,000	3,000	3,000	2,000	3,000	1,000	2,000	4,000	4,000
Physics/astronomy	6,000	2,000	3,000	2,000	1,000	3,000	1,000	1,000	2,000	3,000
Other physical sciences	5,000	2,000	3,000	1,000	1,000	1,000	*	2,000	2,000	2,000
Social/related sciences	50,000	15,000	20,000	19,000	14,000	25,000	11,000	12,000	13,000	22,000
Economics	19,000	6,000	9,000	7,000	6,000	9,000	4,000	5,000	5,000	8,000
Political/related sciences	22,000	6,000	9,000	7,000	4,000	12,000	4,000	5,000	5,000	8,000
Psychology	26,000	8,000	11,000	12,000	7,000	14,000	7,000	8,000	7,000	12,000
Sociology/anthropology	20,000	6,000	9,000	8,000	6,000	10,000	4,000	5,000	7,000	10,000
Other social sciences	15,000	4,000	5,000	6,000	5,000	8,000	2,000	4,000	4,000	7,000
Engineering	27,000	8,000	11,000	11,000	7,000	11,000	7,000	9,000	7,000	12,000
Aerospace/aeronautical/astronautical engineering	6,000	1,000	2,000	2,000	1,000	2,000	1,000	2,000	1,000	3,000
Chemical engineering	7,000	2,000	3,000	3,000	2,000	2,000	2,000	2,000	2,000	3,000
Civil/architectural engineering	11,000	3,000	4,000	4,000	3,000	5,000	3,000	4,000	3,000	4,000
Electrical/computer engineering	14,000	4,000	5,000	5,000	3,000	6,000	3,000	5,000	4,000	7,000
Industrial engineering	8,000	2,000	2,000	3,000	2,000	4,000	3,000	2,000	2,000	3,000
Mechanical engineering	13,000	4,000	5,000	6,000	3,000	6,000	3,000	4,000	3,000	5,000
Other engineering	11,000	3,000	4,000	4,000	3,000	4,000	2,000	3,000	3,000	4,000
S&E-related fields	43,000	13,000	21,000	24,000	17,000	24,000	13,000	17,000	14,000	20,000
Health	35,000	11,000	18,000	22,000	16,000	23,000	12,000	15,000	13,000	18,000
Science/mathematics teacher education	16,000	5,000	6,000	6,000	4,000	6,000	3,000	6,000	3,000	4,000
Technology/technical fields	13,000	3,000	5,000	5,000	5,000	6,000	3,000	4,000	4,000	5,000
Other S&E-related fields	14,000	4,000	6,000	6,000	4,000	8,000	2,000	5,000	4,000	6,000
Non-S&E fields	47,000	14,000	21,000	19,000	12,000	22,000	12,000	14,000	12,000	19,000
Arts/humanities	13,000	4,000	6,000	5,000	3,000	5,000	3,000	3,000	4,000	6,000
Education, except science/mathematics teacher education	24,000	6,000	11,000	10,000	7,000	8,000	6,000	7,000	7,000	9,000
Management/administration	27,000	8,000	10,000	11,000	7,000	13,000	6,000	8,000	6,000	10,000

TABLE A-15. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

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
Sales/marketing	9,000	3,000	4,000	4,000	3,000	3,000	S	3,000	3,000	3,000
Social services/related	14,000	4,000	6,000	5,000	3,000	6,000	4,000	4,000	4,000	5,000
Other non-S&E fields	25,000	8,000	10,000	10,000	7,000	13,000	5,000	7,000	6,000	11,000
Bachelor's degrees	70,000	23,000	33,000	34,000	26,000	34,000	22,000	25,000	24,000	39,000
S&E fields	61,000	18,000	27,000	26,000	21,000	29,000	16,000	19,000	19,000	33,000
Sciences	60,000	16,000	26,000	24,000	20,000	28,000	15,000	16,000	18,000	32,000
Biological/agricultural/environmental life sciences	27,000	6,000	11,000	10,000	9,000	12,000	6,000	9,000	7,000	12,000
Agricultural sciences	12,000	3,000	5,000	5,000	5,000	5,000	3,000	5,000	3,000	5,000
Biological sciences	23,000	5,000	9,000	8,000	7,000	10,000	5,000	7,000	6,000	9,000
Environmental life sciences	8,000	1,000	4,000	3,000	3,000	4,000	2,000	2,000	2,000	4,000
Computer/mathematical sciences	21,000	6,000	10,000	10,000	7,000	11,000	5,000	8,000	6,000	21,000
Computer/information sciences	15,000	5,000	9,000	8,000	6,000	9,000	3,000	5,000	4,000	20,000
Mathematics/statistics	15,000	4,000	5,000	4,000	3,000	6,000	3,000	5,000	3,000	6,000
Physical/related sciences	13,000	4,000	6,000	5,000	3,000	6,000	3,000	4,000	4,000	6,000
Chemistry, except biochemistry	10,000	3,000	4,000	4,000	2,000	4,000	3,000	3,000	3,000	4,000
Earth/atmospheric/ocean sciences	7,000	1,000	3,000	2,000	2,000	3,000	1,000	2,000	3,000	3,000
Physics/astronomy	6,000	2,000	3,000	2,000	1,000	2,000	1,000	1,000	1,000	2,000
Other physical sciences	4,000	S	2,000	1,000	S	1,000	S	1,000	2,000	2,000
Social/related sciences	46,000	13,000	18,000	18,000	13,000	23,000	11,000	10,000	13,000	21,000
Economics	19,000	5,000	9,000	7,000	6,000	8,000	4,000	5,000	5,000	8,000
Political/related sciences	20,000	5,000	8,000	6,000	4,000	10,000	4,000	5,000	5,000	8,000
Psychology	23,000	7,000	10,000	10,000	7,000	12,000	6,000	6,000	6,000	11,000
Sociology/anthropology	21,000	6,000	9,000	8,000	6,000	9,000	4,000	4,000	7,000	10,000
Other social sciences	14,000	4,000	5,000	5,000	5,000	8,000	2,000	4,000	3,000	7,000
Engineering	24,000	7,000	10,000	10,000	6,000	10,000	7,000	8,000	6,000	11,000
Aerospace/aeronautical/astronautical engineering	5,000	1,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000	3,000
Chemical engineering	6,000	1,000	2,000	3,000	2,000	2,000	2,000	2,000	2,000	2,000
Civil/architectural engineering	9,000	3,000	3,000	4,000	3,000	4,000	3,000	4,000	2,000	4,000
Electrical/computer engineering	11,000	3,000	5,000	5,000	3,000	5,000	3,000	4,000	4,000	6,000
Industrial engineering	7,000	2,000	2,000	2,000	2,000	4,000	2,000	2,000	1,000	3,000
Mechanical engineering	11,000	3,000	4,000	6,000	2,000	5,000	3,000	4,000	3,000	5,000
Other engineering	9,000	2,000	4,000	4,000	2,000	4,000	2,000	3,000	3,000	4,000
S&E-related fields	38,000	11,000	16,000	19,000	12,000	18,000	10,000	14,000	12,000	15,000
Health	30,000	9,000	13,000	16,000	11,000	17,000	9,000	11,000	11,000	13,000
Science/mathematics teacher education	12,000	3,000	5,000	5,000	3,000	4,000	2,000	5,000	2,000	3,000
Technology/technical fields	12,000	3,000	5,000	5,000	4,000	5,000	3,000	4,000	3,000	5,000
Other S&E-related fields	12,000	3,000	5,000	5,000	3,000	7,000	2,000	4,000	3,000	5,000

TABLE A-15. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

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
Non-S&E fields	28,000	7,000	8,000	11,000	7,000	11,000	5,000	8,000	7,000	11,000
Arts/humanities	11,000	3,000	4,000	5,000	3,000	5,000	2,000	3,000	3,000	5,000
Education, except science/mathematics teacher education	10,000	2,000	4,000	5,000	4,000	4,000	2,000	4,000	4,000	4,000
Management/administration	17,000	4,000	5,000	7,000	4,000	8,000	3,000	5,000	4,000	7,000
Sales/marketing	5,000	2,000	2,000	3,000	1,000	2,000	S	2,000	2,000	2,000
Social services/related	5,000	2,000	2,000	S	1,000	2,000	S	S	S	2,000
Other non-S&E fields	11,000	3,000	3,000	4,000	3,000	4,000	3,000	3,000	3,000	5,000
Master's degrees	46,000	14,000	22,000	19,000	14,000	23,000	12,000	15,000	13,000	21,000
S&E fields	26,000	8,000	10,000	9,000	6,000	12,000	5,000	8,000	7,000	12,000
Sciences	22,000	7,000	9,000	8,000	5,000	10,000	4,000	7,000	7,000	10,000
Biological/agricultural/environmental life sciences	8,000	3,000	3,000	3,000	2,000	3,000	2,000	3,000	2,000	4,000
Agricultural sciences	3,000	S	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Biological sciences	7,000	2,000	3,000	3,000	2,000	3,000	1,000	3,000	1,000	3,000
Environmental life sciences	4,000	1,000	1,000	1,000	500	2,000	S	1,000	1,000	2,000
Computer/mathematical sciences	10,000	3,000	5,000	4,000	2,000	5,000	2,000	3,000	3,000	5,000
Computer/information sciences	9,000	3,000	4,000	3,000	2,000	4,000	1,000	3,000	2,000	4,000
Mathematics/statistics	5,000	2,000	3,000	2,000	1,000	2,000	1,000	1,000	1,000	2,000
Physical/related sciences	6,000	2,000	2,000	2,000	2,000	2,000	1,000	2,000	3,000	2,000
Chemistry, except biochemistry	3,000	1,000	2,000	1,000	1,000	2,000	500	1,000	500	1,000
Earth/atmospheric/ocean sciences	4,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,000	2,000
Physics/astronomy	3,000	1,000	1,000	1,000	1,000	1,000	500	1,000	1,000	1,000
Other physical sciences	1,000	S	S	S	S	500	S	S	S	*
Social/related sciences	17,000	6,000	7,000	6,000	4,000	8,000	3,000	5,000	5,000	7,000
Economics	6,000	2,000	3,000	2,000	1,000	2,000	1,000	2,000	2,000	2,000
Political/related sciences	8,000	3,000	3,000	2,000	2,000	5,000	1,000	2,000	2,000	2,000
Psychology	13,000	4,000	5,000	5,000	3,000	5,000	3,000	4,000	4,000	6,000
Sociology/anthropology	5,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	2,000	2,000
Other social sciences	5,000	2,000	2,000	2,000	1,000	3,000	1,000	3,000	1,000	2,000
Engineering	12,000	3,000	5,000	4,000	2,000	5,000	2,000	4,000	3,000	5,000
Aerospace/aeronautical/astronautical engineering	2,000	*	1,000	500	500	1,000	S	1,000	1,000	1,000
Chemical engineering	2,000	500	1,000	1,000	500	1,000	500	1,000	1,000	1,000
Civil/architectural engineering	5,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000	2,000
Electrical/computer engineering	7,000	2,000	3,000	2,000	1,000	3,000	1,000	2,000	2,000	4,000
Industrial engineering	3,000	1,000	1,000	2,000	500	1,000	1,000	1,000	500	1,000
Mechanical engineering	4,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000	2,000
Other engineering	5,000	1,000	2,000	2,000	1,000	3,000	1,000	1,000	1,000	2,000
S&E-related fields	19,000	6,000	10,000	9,000	8,000	11,000	5,000	7,000	6,000	9,000
Health	16,000	4,000	9,000	8,000	7,000	9,000	5,000	6,000	5,000	8,000

TABLE A-15. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

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	9,000	4,000	4,000	4,000	3,000	4,000	1,000	2,000	3,000	3,000
Technology/technical fields	4,000	1,000	2,000	1,000	2,000	2,000	1,000	2,000	S	2,000
Other S&E-related fields	6,000	2,000	3,000	2,000	2,000	4,000	S	2,000	1,000	3,000
Non-S&E fields	36,000	10,000	16,000	14,000	9,000	16,000	9,000	10,000	9,000	14,000
Arts/humanities	8,000	2,000	4,000	2,000	1,000	3,000	1,000	2,000	2,000	4,000
Education, except science/mathematics teacher education	22,000	4,000	9,000	9,000	6,000	8,000	6,000	5,000	6,000	8,000
Management/administration	22,000	7,000	9,000	10,000	5,000	11,000	5,000	6,000	5,000	8,000
Sales/marketing	7,000	3,000	3,000	3,000	3,000	3,000	S	3,000	2,000	3,000
Social services/related	12,000	4,000	5,000	5,000	3,000	6,000	3,000	3,000	3,000	4,000
Other non-S&E fields	11,000	4,000	5,000	5,000	3,000	6,000	2,000	4,000	3,000	5,000
Doctorate degrees	9,000	3,000	4,000	4,000	2,000	4,000	2,000	3,000	3,000	4,000
S&E fields	5,000	2,000	3,000	2,000	1,000	2,000	1,000	2,000	1,000	3,000
Sciences	4,000	2,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000	2,000
Biological/agricultural/environmental life sciences	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Agricultural sciences	1,000	*	500	500	500	500	500	500	1,000	500
Biological sciences	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Environmental life sciences	500	*	*	500	*	500	*	500	500	500
Computer/mathematical sciences	2,000	500	1,000	1,000	500	1,000	500	500	500	1,000
Computer/information sciences	1,000	500	1,000	500	500	500	*	500	500	1,000
Mathematics/statistics	1,000	500	1,000	500	500	1,000	500	500	500	500
Physical/related sciences	2,000	1,000	1,000	1,000	1,000	1,000	500	1,000	1,000	1,000
Chemistry, except biochemistry	1,000	1,000	1,000	1,000	500	1,000	500	500	500	1,000
Earth/atmospheric/ocean sciences	1,000	500	500	500	500	500	500	500	500	500
Physics/astronomy	1,000	500	1,000	1,000	500	1,000	500	500	500	1,000
Other physical sciences	500	*	*	S	S	500	S	*	*	500
Social/related sciences	2,000	1,000	1,000	1,000	1,000	1,000	500	1,000	1,000	1,000
Economics	1,000	500	500	500	500	500	500	500	500	500
Political/related sciences	1,000	500	500	500	500	500	500	500	500	500
Psychology	1,000	1,000	1,000	1,000	500	1,000	500	1,000	1,000	1,000
Sociology/anthropology	1,000	500	500	500	500	500	500	500	500	500
Other social sciences	1,000	500	500	500	500	500	*	500	500	500
Engineering	2,000	1,000	1,000	1,000	1,000	1,000	500	1,000	1,000	1,000
Aerospace/aeronautical/astronautical engineering	1,000	*	500	500	*	500	*	*	*	500
Chemical engineering	1,000	500	500	500	500	500	500	1,000	500	1,000
Civil/architectural engineering	1,000	500	500	500	500	500	*	500	500	500
Electrical/computer engineering	1,000	500	500	500	500	500	500	500	500	1,000
Industrial engineering	500	S	*	500	*	*	S	*	*	500
Mechanical engineering	1,000	500	500	500	500	500	500	500	500	500

TABLE A-15. Standard errors for employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

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
Other engineering	1,000	500	500	1,000	500	500	500	500	1,000	500
S&E-related fields	3,000	1,000	1,000	1,000	1,000	1,000	500	2,000	1,000	1,000
Health	2,000	500	1,000	1,000	500	1,000	500	1,000	500	1,000
Science/mathematics teacher education	1,000	S	500	1,000	S	500	S	S	S	S
Technology/technical fields	1,000	S	S	S	S	S	S	S	S	1,000
Other S&E-related fields	1,000	S	S	S	S	S	S	S	S	500
Non-S&E fields	7,000	2,000	3,000	3,000	1,000	3,000	2,000	2,000	2,000	3,000
Arts/humanities	3,000	1,000	1,000	1,000	1,000	1,000	S	1,000	S	1,000
Education, except science/mathematics teacher education	5,000	1,000	2,000	2,000	1,000	2,000	1,000	2,000	1,000	2,000
Management/administration	2,000	1,000	1,000	1,000	S	1,000	S	S	S	1,000
Sales/marketing	500	S	S	S	S	S	S	S	S	S
Social services/related	3,000	1,000	1,000	2,000	1,000	1,000	S	500	1,000	1,000
Other non-S&E fields	3,000	S	1,000	1,000	S	2,000	S	S	1,000	1,000

* = standard error is not calculated when estimate is less than 500; 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.

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 2006

Level of highest degree and occupation	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 degrees and occupations[a]	83,000	70,000	63,000	28,000	32,000	40,000	25,000	31,000	32,000	20,000	27,000
S&E occupations	43,000	36,000	34,000	8,000	8,000	14,000	12,000	8,000	16,000	9,000	12,000
Scientists	35,000	29,000	26,000	7,000	8,000	13,000	11,000	8,000	13,000	7,000	11,000
Biological/agricultural/other life scientists	12,000	8,000	7,000	2,000	3,000	6,000	6,000	2,000	6,000	4,000	4,000
Agricultural/food scientists	4,000	3,000	3,000	1,000	500	2,000	2,000	S	2,000	2,000	2,000
Biological/medical scientists	10,000	7,000	6,000	1,000	3,000	5,000	5,000	500	4,000	3,000	4,000
Environmental life scientists	4,000	2,000	1,000	1,000	1,000	1,000	1,000	S	3,000	2,000	2,000
Postsecondary teachers-life/related sciences	3,000	1,000	S	S	S	3,000	2,000	2,000	S	S	S
Computer/mathematical scientists	27,000	25,000	24,000	5,000	6,000	9,000	7,000	5,000	8,000	5,000	7,000
Computer/information scientists	27,000	25,000	23,000	5,000	6,000	7,000	6,000	4,000	8,000	5,000	6,000
Mathematical scientists	6,000	5,000	4,000	1,000	2,000	2,000	2,000	1,000	3,000	2,000	2,000
Postsecondary teachers-computer/mathematical sciences	4,000	*	S	S	S	4,000	3,000	3,000	S	S	S
Physical/related scientists	9,000	7,000	7,000	2,000	1,000	4,000	4,000	1,000	4,000	2,000	4,000
Chemists, except biochemists	5,000	5,000	5,000	500	500	1,000	1,000	S	2,000	1,000	2,000
Earth/atmospheric/ocean scientists	4,000	3,000	3,000	1,000	500	1,000	1,000	S	2,000	1,000	2,000
Physicists/astronomers	2,000	1,000	1,000	500	500	1,000	1,000	S	500	500	500
Postsecondary teachers-physical/related sciences	3,000	*	S	S	S	2,000	3,000	1,000	S	S	S
Other physical/related scientists	4,000	2,000	2,000	2,000	500	1,000	1,000	S	3,000	1,000	3,000
Social/related scientists	12,000	8,000	6,000	4,000	4,000	7,000	5,000	4,000	6,000	4,000	4,000
Economists	3,000	3,000	3,000	1,000	500	1,000	1,000	S	2,000	1,000	1,000
Political/related scientists	3,000	2,000	1,000	1,000	1,000	1,000	1,000	S	2,000	2,000	2,000
Postsecondary teachers-social/related sciences	5,000	S	S	S	S	5,000	4,000	3,000	S	S	S
Psychologists	6,000	4,000	3,000	3,000	2,000	4,000	2,000	3,000	3,000	2,000	2,000
Sociologists/anthropologists	2,000	2,000	1,000	1,000	1,000	2,000	2,000	S	1,000	1,000	500
Other social/related scientists	7,000	5,000	4,000	2,000	2,000	1,000	1,000	500	4,000	2,000	3,000
Engineers	21,000	19,000	18,000	3,000	3,000	3,000	3,000	1,000	7,000	5,000	5,000
Aerospace/aeronautical/astronautical engineers	5,000	4,000	4,000	500	500	500	500	S	2,000	2,000	*
Chemical engineers	4,000	4,000	4,000	500	500	1,000	1,000	S	1,000	1,000	500
Civil/architectural/sanitary engineers	8,000	6,000	6,000	2,000	1,000	500	500	S	5,000	2,000	4,000
Electrical/computer hardware engineers	9,000	8,000	8,000	1,000	1,000	1,000	1,000	S	2,000	2,000	1,000
Industrial engineers	6,000	6,000	6,000	500	500	500	500	S	1,000	1,000	S
Mechanical engineers	8,000	7,000	7,000	2,000	1,000	1,000	1,000	S	2,000	2,000	1,000
Postsecondary teachers-engineering	2,000	S	S	S	S	2,000	2,000	1,000	S	S	S
Other engineers	11,000	10,000	10,000	2,000	2,000	2,000	2,000	S	4,000	3,000	2,000
S&E-related occupations	45,000	37,000	32,000	15,000	22,000	26,000	16,000	21,000	16,000	9,000	14,000
Health-related occupations	35,000	32,000	27,000	14,000	22,000	16,000	15,000	9,000	14,000	8,000	12,000
S&E managers	13,000	12,000	10,000	1,000	5,000	3,000	2,000	2,000	6,000	3,000	5,000

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 2006

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
S&E precollege teachers	19,000	2,000	1,000	S	S	19,000	S	19,000	1,000	S	1,000
S&E technicians/technologists	13,000	10,000	9,000	3,000	3,000	3,000	3,000	1,000	6,000	4,000	4,000
Other S&E-related occupations	9,000	9,000	8,000	5,000	2,000	2,000	2,000	S	3,000	2,000	2,000
Non-S&E occupations	73,000	58,000	53,000	24,000	21,000	32,000	16,000	27,000	23,000	15,000	20,000
Art/humanities/related occupations	15,000	14,000	10,000	7,000	5,000	4,000	3,000	2,000	3,000	2,000	2,000
Management-related occupations	31,000	27,000	25,000	8,000	8,000	7,000	6,000	4,000	10,000	7,000	8,000
Non-S&E managers	26,000	23,000	22,000	4,000	7,000	9,000	5,000	8,000	9,000	5,000	7,000
Non-S&E postsecondary teachers	7,000	1,000	1,000	S	S	7,000	6,000	4,000	500	S	*
Non-S&E precollege/other teachers	23,000	4,000	2,000	2,000	3,000	22,000	1,000	22,000	2,000	S	2,000
Sales/marketing occupations	32,000	31,000	29,000	12,000	5,000	3,000	3,000	1,000	3,000	2,000	3,000
Social services/related occupations	18,000	15,000	8,000	4,000	12,000	8,000	4,000	7,000	10,000	2,000	10,000
Other non-S&E occupations	45,000	37,000	30,000	16,000	13,000	13,000	8,000	9,000	20,000	12,000	16,000
Bachelor's degrees, all occupations	70,000	62,000	55,000	21,000	27,000	29,000	18,000	24,000	28,000	15,000	23,000
S&E occupations	32,000	28,000	27,000	6,000	7,000	10,000	9,000	5,000	13,000	7,000	10,000
Scientists	26,000	23,000	22,000	5,000	7,000	9,000	8,000	5,000	11,000	6,000	8,000
Biological/agricultural/other life scientists	9,000	7,000	6,000	2,000	2,000	5,000	5,000	1,000	5,000	3,000	4,000
Agricultural/food scientists	4,000	3,000	3,000	S	S	1,000	1,000	S	2,000	2,000	2,000
Biological/medical scientists	8,000	6,000	5,000	1,000	2,000	4,000	4,000	S	4,000	2,000	3,000
Environmental life scientists	3,000	2,000	1,000	S	S	S	S	S	2,000	2,000	1,000
Postsecondary teachers-life/related sciences	2,000	S	S	S	S	2,000	2,000	1,000	S	S	S
Computer/mathematical scientists	23,000	22,000	20,000	4,000	6,000	7,000	5,000	4,000	7,000	4,000	6,000
Computer/information scientists	23,000	21,000	20,000	4,000	6,000	6,000	5,000	4,000	7,000	4,000	6,000
Mathematical scientists	4,000	4,000	3,000	S	2,000	1,000	1,000	S	2,000	1,000	1,000
Postsecondary teachers-computer/mathematical sciences	3,000	S	S	S	S	2,000	2,000	2,000	S	S	S
Physical/related scientists	7,000	6,000	6,000	1,000	500	3,000	3,000	500	4,000	1,000	4,000
Chemists, except biochemists	5,000	5,000	5,000	S	S	1,000	1,000	S	2,000	1,000	2,000
Earth/atmospheric/ocean scientists	3,000	3,000	2,000	500	S	1,000	1,000	S	2,000	1,000	2,000
Physicists/astronomers	1,000	500	500	S	S	1,000	1,000	S	*	S	S
Postsecondary teachers-physical/related sciences	2,000	S	S	S	S	2,000	2,000	500	S	S	S
Other physical/related scientists	3,000	2,000	2,000	S	S	1,000	1,000	S	3,000	500	3,000
Social/related scientists	7,000	5,000	4,000	2,000	2,000	4,000	3,000	2,000	3,000	2,000	3,000
Economists	2,000	1,000	1,000	S	S	S	S	S	1,000	500	S
Political/related scientists	2,000	1,000	500	S	1,000	S	S	S	2,000	S	S
Postsecondary teachers-social/related sciences	3,000	S	S	S	S	3,000	2,000	2,000	S	S	S
Psychologists	3,000	2,000	2,000	S	1,000	2,000	2,000	1,000	1,000	S	1,000
Sociologists/anthropologists	2,000	1,000	1,000	S	S	1,000	1,000	S	1,000	S	S
Other social/related scientists	5,000	4,000	4,000	2,000	1,000	1,000	1,000	S	3,000	2,000	2,000

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 2006

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Engineers	16,000	14,000	14,000	3,000	2,000	3,000	3,000	1,000	6,000	4,000	5,000
Aerospace/aeronautical/astronautical engineers	4,000	3,000	3,000	S	*	500	500	S	2,000	2,000	S
Chemical engineers	3,000	3,000	3,000	*	S	1,000	1,000	S	1,000	1,000	S
Civil/architectural/sanitary engineers	6,000	5,000	5,000	1,000	500	500	500	S	4,000	2,000	3,000
Electrical/computer hardware engineers	7,000	6,000	6,000	1,000	1,000	1,000	1,000	S	2,000	2,000	1,000
Industrial engineers	5,000	5,000	5,000	S	500	500	500	S	500	500	S
Mechanical engineers	6,000	6,000	6,000	1,000	1,000	1,000	1,000	S	1,000	1,000	1,000
Postsecondary teachers-engineering	1,000	S	S	S	S	1,000	1,000	1,000	S	S	S
Other engineers	9,000	8,000	8,000	2,000	1,000	2,000	2,000	S	3,000	2,000	2,000
S&E-related occupations	35,000	30,000	26,000	8,000	20,000	18,000	12,000	14,000	14,000	8,000	12,000
Health-related occupations	29,000	26,000	21,000	7,000	19,000	12,000	12,000	6,000	12,000	6,000	11,000
S&E managers	10,000	10,000	8,000	S	4,000	2,000	2,000	1,000	4,000	2,000	3,000
S&E precollege teachers	12,000	1,000	S	S	S	12,000	S	12,000	S	S	S
S&E technicians/technologists	11,000	9,000	9,000	3,000	2,000	3,000	3,000	1,000	6,000	4,000	4,000
Other S&E-related occupations	8,000	8,000	7,000	4,000	2,000	2,000	2,000	S	2,000	S	2,000
Non-S&E occupations	61,000	50,000	44,000	18,000	16,000	22,000	10,000	20,000	19,000	12,000	16,000
Art/humanities/related occupations	11,000	11,000	9,000	5,000	3,000	3,000	2,000	2,000	3,000	2,000	2,000
Management-related occupations	25,000	23,000	21,000	6,000	6,000	6,000	5,000	3,000	8,000	6,000	5,000
Non-S&E managers	19,000	18,000	17,000	3,000	5,000	5,000	3,000	3,000	6,000	4,000	4,000
Non-S&E postsecondary teachers	4,000	S	S	S	S	4,000	3,000	2,000	S	S	S
Non-S&E precollege/other teachers	18,000	3,000	1,000	S	2,000	18,000	1,000	18,000	1,000	S	1,000
Sales/marketing occupations	29,000	28,000	26,000	10,000	4,000	2,000	1,000	1,000	3,000	2,000	2,000
Social services/related occupations	12,000	8,000	4,000	1,000	8,000	4,000	3,000	3,000	8,000	500	8,000
Other non-S&E occupations	36,000	29,000	24,000	12,000	11,000	10,000	6,000	7,000	17,000	10,000	14,000
Master's degrees, all occupations	46,000	37,000	30,000	13,000	16,000	26,000	12,000	23,000	17,000	11,000	14,000
S&E occupations	20,000	16,000	15,000	4,000	4,000	8,000	7,000	5,000	8,000	6,000	6,000
Scientists	17,000	13,000	12,000	4,000	4,000	8,000	6,000	5,000	7,000	4,000	5,000
Biological/agricultural/other life scientists	5,000	3,000	3,000	1,000	1,000	3,000	3,000	1,000	3,000	2,000	2,000
Agricultural/food scientists	2,000	1,000	1,000	S	S	2,000	2,000	S	1,000	1,000	S
Biological/medical scientists	4,000	3,000	3,000	1,000	1,000	2,000	2,000	S	2,000	2,000	2,000
Environmental life scientists	2,000	1,000	S	S	1,000	1,000	1,000	S	1,000	1,000	1,000
Postsecondary teachers-life/related sciences	2,000	S	S	S	S	2,000	1,000	1,000	S	S	S
Computer/mathematical scientists	13,000	12,000	11,000	2,000	3,000	5,000	4,000	3,000	4,000	3,000	3,000
Computer/information scientists	13,000	11,000	11,000	2,000	3,000	3,000	3,000	2,000	4,000	3,000	3,000
Mathematical scientists	4,000	3,000	2,000	1,000	1,000	2,000	2,000	S	2,000	1,000	1,000
Postsecondary teachers-computer/mathematical sciences	3,000	S	S	S	S	3,000	2,000	2,000	S	S	S
Physical/related scientists	4,000	4,000	3,000	1,000	500	2,000	2,000	1,000	2,000	1,000	1,000

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 2006

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Chemists, except biochemists	3,000	2,000	2,000	S	500	500	500	S	1,000	1,000	1,000
Earth/atmospheric/ocean scientists	2,000	2,000	2,000	1,000	S	1,000	1,000	S	1,000	1,000	1,000
Physicists/astronomers	1,000	1,000	1,000	S	S	500	500	S	500	500	S
Postsecondary teachers-physical/related sciences	2,000	S	S	S	S	2,000	1,000	1,000	S	S	S
Other physical/related scientists	2,000	1,000	1,000	S	S	500	500	S	1,000	1,000	1,000
Social/related scientists	9,000	6,000	4,000	3,000	2,000	5,000	3,000	4,000	4,000	3,000	3,000
Economists	3,000	2,000	2,000	S	500	500	500	S	1,000	1,000	1,000
Political/related scientists	2,000	1,000	1,000	S	1,000	500	500	S	2,000	2,000	S
Postsecondary teachers-social/related sciences	3,000	S	S	S	S	3,000	3,000	2,000	S	S	S
Psychologists	5,000	3,000	2,000	2,000	2,000	4,000	2,000	3,000	2,000	2,000	2,000
Sociologists/anthropologists	2,000	1,000	1,000	1,000	S	1,000	1,000	S	500	500	500
Other social/related scientists	4,000	4,000	3,000	2,000	1,000	1,000	1,000	S	3,000	2,000	2,000
Engineers	10,000	10,000	9,000	2,000	2,000	2,000	2,000	1,000	4,000	3,000	3,000
Aerospace/aeronautical/astronautical engineers	2,000	2,000	2,000	S	S	500	500	S	1,000	1,000	S
Chemical engineers	2,000	2,000	2,000	S	S	500	500	S	*	S	S
Civil/architectural/sanitary engineers	4,000	3,000	3,000	1,000	1,000	500	500	S	2,000	1,000	2,000
Electrical/computer hardware engineers	5,000	5,000	5,000	1,000	500	1,000	1,000	S	2,000	1,000	1,000
Industrial engineers	3,000	3,000	3,000	S	S	500	500	S	500	500	S
Mechanical engineers	4,000	4,000	4,000	1,000	1,000	1,000	1,000	S	1,000	1,000	S
Postsecondary teachers-engineering	1,000	S	S	S	S	1,000	1,000	1,000	S	S	S
Other engineers	5,000	5,000	4,000	1,000	1,000	1,000	1,000	S	2,000	1,000	2,000
S&E-related occupations	24,000	16,000	13,000	6,000	9,000	18,000	6,000	16,000	7,000	5,000	6,000
Health-related occupations	15,000	13,000	10,000	5,000	8,000	9,000	6,000	7,000	5,000	4,000	5,000
S&E managers	8,000	7,000	6,000	S	4,000	2,000	2,000	1,000	4,000	2,000	3,000
S&E precollege teachers	14,000	1,000	S	S	S	14,000	S	14,000	S	S	S
S&E technicians/technologists	5,000	4,000	4,000	1,000	1,000	1,000	1,000	S	2,000	1,000	2,000
Other S&E-related occupations	5,000	5,000	4,000	3,000	1,000	S	S	S	2,000	S	1,000
Non-S&E occupations	41,000	32,000	25,000	12,000	12,000	21,000	10,000	19,000	14,000	7,000	11,000
Art/humanities/related occupations	8,000	7,000	5,000	5,000	3,000	2,000	2,000	1,000	1,000	500	1,000
Management-related occupations	17,000	15,000	14,000	5,000	4,000	4,000	3,000	3,000	7,000	4,000	5,000
Non-S&E managers	18,000	14,000	13,000	2,000	5,000	8,000	3,000	7,000	6,000	3,000	5,000
Non-S&E postsecondary teachers	5,000	S	S	S	S	4,000	4,000	3,000	S	S	S
Non-S&E precollege/other teachers	15,000	3,000	2,000	S	1,000	15,000	S	15,000	1,000	S	1,000
Sales/marketing occupations	15,000	15,000	12,000	6,000	2,000	2,000	2,000	S	2,000	S	S
Social services/related occupations	13,000	11,000	6,000	4,000	9,000	7,000	4,000	6,000	6,000	2,000	6,000
Other non-S&E occupations	18,000	14,000	11,000	5,000	5,000	7,000	5,000	5,000	9,000	6,000	7,000
Doctorate degrees, all occupations	9,000	6,000	5,000	2,000	3,000	7,000	6,000	4,000	3,000	2,000	2,000
S&E occupations	5,000	3,000	3,000	1,000	1,000	4,000	4,000	1,000	2,000	1,000	1,000

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 2006

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Scientists	5,000	3,000	2,000	1,000	1,000	4,000	4,000	1,000	1,000	1,000	1,000
Biological/agricultural/other life scientists	3,000	2,000	1,000	500	1,000	2,000	2,000	500	1,000	1,000	500
Agricultural/food scientists	1,000	500	500	*	*	500	500	S	500	500	*
Biological/medical scientists	2,000	2,000	1,000	500	1,000	2,000	2,000	*	1,000	1,000	500
Environmental life scientists	500	500	*	S	*	*	*	S	500	500	*
Postsecondary teachers-life/related sciences	1,000	S	S	S	S	1,000	1,000	500	S	S	S
Computer/mathematical scientists	3,000	2,000	2,000	1,000	500	2,000	2,000	1,000	1,000	500	500
Computer/information scientists	2,000	2,000	2,000	1,000	500	1,000	500	S	1,000	500	500
Mathematical scientists	1,000	1,000	1,000	500	500	500	500	S	500	500	*
Postsecondary teachers-computer/mathematical sciences	2,000	S	S	S	S	2,000	2,000	500	S	S	S
Physical/related scientists	2,000	1,000	1,000	500	500	1,000	1,000	500	1,000	500	500
Chemists, except biochemists	1,000	1,000	1,000	500	500	1,000	1,000	S	500	500	500
Earth/atmospheric/ocean scientists	1,000	500	500	*	500	500	500	S	500	500	500
Physicists/astronomers	1,000	1,000	500	*	500	1,000	1,000	S	500	500	500
Postsecondary teachers-physical/related sciences	1,000	*	S	S	S	1,000	1,000	500	S	S	S
Other physical/related scientists	500	500	500	*	*	500	500	S	500	*	*
Social/related scientists	2,000	1,000	1,000	1,000	1,000	2,000	2,000	1,000	500	500	500
Economists	500	500	500	*	500	500	500	S	500	500	*
Political/related scientists	500	*	S	S	*	500	500	S	*	*	S
Postsecondary teachers-social/related sciences	2,000	S	S	S	S	2,000	2,000	1,000	S	S	S
Psychologists	2,000	1,000	1,000	1,000	500	1,000	1,000	1,000	500	500	500
Sociologists/anthropologists	500	500	500	*	500	500	500	S	500	500	*
Other social/related scientists	1,000	500	500	500	500	500	500	*	500	500	*
Engineers	2,000	2,000	1,000	1,000	500	1,000	1,000	500	1,000	1,000	500
Aerospace/aeronautical/astronautical engineers	1,000	1,000	500	500	*	*	*	S	500	500	*
Chemical engineers	1,000	1,000	1,000	*	*	500	500	S	*	*	S
Civil/architectural/sanitary engineers	500	500	500	*	S	500	500	S	500	*	500
Electrical/computer hardware engineers	1,000	1,000	1,000	500	500	500	500	S	500	500	*
Industrial engineers	1,000	500	500	S	S	*	*	S	S	S	S
Mechanical engineers	1,000	500	500	*	*	500	500	S	500	*	S
Postsecondary teachers-engineering	1,000	S	S	S	S	1,000	1,000	500	S	S	S
Other engineers	1,000	1,000	1,000	500	500	500	500	S	500	500	500
S&E-related occupations	3,000	2,000	2,000	500	1,000	3,000	2,000	2,000	1,000	500	1,000
Health-related occupations	2,000	1,000	1,000	500	1,000	2,000	2,000	500	1,000	500	500
S&E managers	1,000	1,000	1,000	*	1,000	500	500	*	500	500	500
S&E precollege teachers	2,000	S	S	S	S	2,000	S	2,000	S	S	S
S&E technicians/technologists	500	500	500	S	S	500	500	S	*	S	*
Other S&E-related occupations	500	*	*	S	S	S	S	S	S	S	S

TABLE A-16. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 2006

Level of highest degree and occupation	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 occupations	7,000	5,000	4,000	2,000	2,000	5,000	4,000	3,000	2,000	1,000	2,000
Art/humanities/related occupations	1,000	1,000	500	500	500	500	500	S	500	*	S
Management-related occupations	3,000	3,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Non-S&E managers	3,000	2,000	2,000	1,000	1,000	3,000	2,000	2,000	1,000	500	1,000
Non-S&E postsecondary teachers	3,000	500	S	S	S	3,000	3,000	1,000	S	S	S
Non-S&E precollege/other teachers	2,000	*	S	S	S	2,000	S	2,000	S	S	S
Sales/marketing occupations	2,000	2,000	2,000	500	500	S	S	S	S	S	S
Social services/related occupations	2,000	2,000	1,000	1,000	2,000	1,000	*	1,000	500	S	500
Other non-S&E occupations	2,000	2,000	1,000	1,000	1,000	1,000	1,000	500	500	500	500

* = standard error is not calculated when estimate is less than 500; 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/occ03maj.html for a detailed description of the occupational 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): 2006.

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
All degree levels and occupations[a]	83,000	70,000	25,000	31,000	32,000
U.S. citizen	82,000	69,000	23,000	31,000	31,000
Native born	78,000	65,000	22,000	30,000	31,000
Naturalized	24,000	22,000	7,000	8,000	8,000
Non-U.S. citizen	18,000	16,000	6,000	4,000	4,000
Permanent resident	16,000	14,000	5,000	3,000	4,000
Temporary resident	8,000	7,000	4,000	2,000	1,000
S&E occupations	43,000	36,000	12,000	8,000	16,000
U.S. citizen	42,000	35,000	11,000	8,000	15,000
Native born	38,000	32,000	10,000	7,000	14,000
Naturalized	11,000	11,000	3,000	2,000	4,000
Non-U.S. citizen	9,000	8,000	4,000	1,000	1,000
Permanent resident	8,000	8,000	3,000	500	1,000
Temporary resident	5,000	5,000	3,000	500	1,000
Scientists	35,000	29,000	11,000	8,000	13,000
U.S. citizen	33,000	28,000	10,000	8,000	13,000
Native born	31,000	26,000	10,000	7,000	12,000
Naturalized	9,000	8,000	3,000	2,000	3,000
Non-U.S. citizen	8,000	7,000	4,000	1,000	1,000
Permanent resident	7,000	6,000	3,000	500	1,000
Temporary resident	5,000	4,000	2,000	500	1,000
Biological/agricultural/other life scientists	12,000	8,000	6,000	2,000	6,000
U.S. citizen	12,000	8,000	6,000	2,000	6,000
Native born	11,000	8,000	5,000	2,000	6,000
Naturalized	3,000	2,000	2,000	500	1,000
Non-U.S. citizen	3,000	2,000	3,000	*	1,000
Permanent resident	3,000	1,000	2,000	*	1,000
Temporary resident	1,000	1,000	1,000	S	500
Agricultural/food scientists	4,000	3,000	2,000	S	2,000
U.S. citizen	4,000	3,000	2,000	S	2,000
Native born	4,000	3,000	2,000	S	2,000
Naturalized	1,000	1,000	*	S	*
Non-U.S. citizen	1,000	500	1,000	S	S
Permanent resident	1,000	500	1,000	S	S
Temporary resident	500	*	500	S	S
Biological/medical scientists	10,000	7,000	5,000	500	4,000
U.S. citizen	9,000	7,000	5,000	500	4,000
Native born	9,000	7,000	5,000	500	4,000
Naturalized	3,000	2,000	2,000	S	1,000
Non-U.S. citizen	3,000	1,000	2,000	S	1,000
Permanent resident	2,000	1,000	2,000	S	500
Temporary resident	1,000	1,000	1,000	S	500
Environmental life scientists	4,000	2,000	1,000	S	3,000
U.S. citizen	4,000	2,000	1,000	S	3,000
Native born	4,000	2,000	1,000	S	3,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	1,000	S	500	S	S
Permanent resident	1,000	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-life/related sciences	3,000	1,000	2,000	2,000	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
U.S. citizen	3,000	S	2,000	2,000	S
Native born	3,000	S	2,000	2,000	S
Naturalized	1,000	S	1,000	500	S
Non-U.S. citizen	1,000	S	500	S	S
Permanent resident	500	S	500	S	S
Temporary resident	500	S	500	S	S
Computer/mathematical scientists	27,000	25,000	7,000	5,000	8,000
U.S. citizen	26,000	24,000	7,000	5,000	8,000
Native born	24,000	22,000	6,000	5,000	7,000
Naturalized	8,000	7,000	2,000	1,000	2,000
Non-U.S. citizen	7,000	7,000	2,000	500	1,000
Permanent resident	6,000	6,000	1,000	500	1,000
Temporary resident	4,000	4,000	1,000	*	500
Computer/information scientists	27,000	25,000	6,000	4,000	8,000
U.S. citizen	25,000	24,000	6,000	4,000	8,000
Native born	24,000	22,000	5,000	4,000	7,000
Naturalized	8,000	7,000	1,000	1,000	2,000
Non-U.S. citizen	7,000	7,000	2,000	S	1,000
Permanent resident	6,000	6,000	1,000	S	1,000
Temporary resident	4,000	4,000	1,000	S	500
Mathematical scientists	6,000	5,000	2,000	1,000	3,000
U.S. citizen	5,000	4,000	2,000	S	3,000
Native born	5,000	4,000	2,000	S	3,000
Naturalized	1,000	1,000	500	S	500
Non-U.S. citizen	1,000	1,000	500	S	500
Permanent resident	1,000	1,000	500	S	S
Temporary resident	1,000	500	500	S	S
Postsecondary teachers-computer/mathematical sciences	4,000	*	3,000	3,000	S
U.S. citizen	4,000	*	3,000	3,000	S
Native born	4,000	S	3,000	3,000	S
Naturalized	1,000	S	1,000	1,000	S
Non-U.S. citizen	1,000	S	1,000	500	S
Permanent resident	1,000	S	1,000	500	S
Temporary resident	1,000	S	1,000	*	S
Physical/related scientists	9,000	7,000	4,000	1,000	4,000
U.S. citizen	8,000	7,000	3,000	1,000	4,000
Native born	8,000	6,000	3,000	1,000	4,000
Naturalized	3,000	2,000	1,000	500	1,000
Non-U.S. citizen	2,000	1,000	1,000	S	500
Permanent resident	1,000	1,000	1,000	S	500
Temporary resident	1,000	1,000	1,000	S	*
Chemists, except biochemists	5,000	5,000	1,000	S	2,000
U.S. citizen	5,000	5,000	1,000	S	2,000
Native born	5,000	4,000	1,000	S	2,000
Naturalized	2,000	2,000	1,000	S	500
Non-U.S. citizen	1,000	1,000	1,000	S	*
Permanent resident	1,000	1,000	500	S	*
Temporary resident	1,000	500	1,000	S	S
Earth/atmospheric/ocean scientists	4,000	3,000	1,000	S	2,000
U.S. citizen	4,000	3,000	1,000	S	2,000

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Native born	4,000	3,000	1,000	S	2,000
Naturalized	1,000	500	500	S	500
Non-U.S. citizen	1,000	500	500	S	*
Permanent resident	500	500	500	S	*
Temporary resident	500	500	500	S	S
Physicists/astronomers	2,000	1,000	1,000	S	500
U.S. citizen	1,000	1,000	1,000	S	500
Native born	1,000	1,000	1,000	S	500
Naturalized	500	500	500	S	500
Non-U.S. citizen	1,000	500	1,000	S	*
Permanent resident	500	500	500	S	S
Temporary resident	1,000	*	1,000	S	*
Postsecondary teachers-physical/related sciences	3,000	*	3,000	1,000	S
U.S. citizen	2,000	*	2,000	1,000	S
Native born	2,000	*	2,000	1,000	S
Naturalized	500	S	500	500	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	500	S	500	S	S
Temporary resident	500	S	500	S	S
Other physical/related scientists	4,000	2,000	1,000	S	3,000
U.S. citizen	4,000	2,000	1,000	S	3,000
Native born	4,000	2,000	1,000	S	3,000
Naturalized	1,000	500	S	S	1,000
Non-U.S. citizen	500	500	*	S	S
Permanent resident	500	*	S	S	S
Temporary resident	500	S	S	S	S
Social/related scientists	12,000	8,000	5,000	4,000	6,000
U.S. citizen	12,000	8,000	5,000	4,000	6,000
Native born	11,000	7,000	5,000	4,000	6,000
Naturalized	2,000	2,000	1,000	1,000	1,000
Non-U.S. citizen	2,000	1,000	1,000	500	500
Permanent resident	1,000	1,000	1,000	*	*
Temporary resident	1,000	1,000	1,000	S	*
Economists	3,000	3,000	1,000	S	2,000
U.S. citizen	3,000	3,000	1,000	S	2,000
Native born	3,000	2,000	1,000	S	2,000
Naturalized	1,000	1,000	*	S	*
Non-U.S. citizen	1,000	1,000	500	S	*
Permanent resident	500	500	*	S	*
Temporary resident	1,000	500	*	S	S
Political/related scientists	3,000	2,000	1,000	S	2,000
U.S. citizen	3,000	2,000	1,000	S	2,000
Native born	3,000	2,000	1,000	S	2,000
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	500	S	*	S	S
Permanent resident	*	S	S	S	S
Temporary resident	*	S	S	S	S
Postsecondary teachers-social/related sciences	5,000	S	4,000	3,000	S
U.S. citizen	4,000	S	4,000	3,000	S
Native born	4,000	S	3,000	3,000	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Naturalized	1,000	S	1,000	500	S
Non-U.S. citizen	1,000	S	1,000	*	S
Permanent resident	1,000	S	1,000	*	S
Temporary resident	1,000	S	1,000	S	S
Psychologists	6,000	4,000	2,000	3,000	3,000
U.S. citizen	6,000	4,000	2,000	3,000	3,000
Native born	6,000	4,000	2,000	3,000	3,000
Naturalized	1,000	1,000	500	1,000	500
Non-U.S. citizen	1,000	1,000	500	S	S
Permanent resident	1,000	1,000	*	S	S
Temporary resident	500	S	500	S	S
Sociologists/anthropologists	2,000	2,000	2,000	S	1,000
U.S. citizen	2,000	2,000	2,000	S	1,000
Native born	2,000	2,000	2,000	S	1,000
Naturalized	500	S	*	S	*
Non-U.S. citizen	500	S	500	S	S
Permanent resident	500	S	500	S	S
Temporary resident	*	S	*	S	S
Other social/related scientists	7,000	5,000	1,000	500	4,000
U.S. citizen	7,000	5,000	1,000	500	4,000
Native born	6,000	5,000	1,000	500	4,000
Naturalized	1,000	1,000	*	S	500
Non-U.S. citizen	1,000	1,000	*	S	S
Permanent resident	1,000	1,000	*	S	S
Temporary resident	1,000	1,000	S	S	S
Engineers	21,000	19,000	3,000	1,000	7,000
U.S. citizen	21,000	18,000	3,000	1,000	7,000
Native born	19,000	17,000	3,000	1,000	7,000
Naturalized	6,000	6,000	1,000	500	3,000
Non-U.S. citizen	5,000	5,000	1,000	S	1,000
Permanent resident	4,000	4,000	1,000	S	1,000
Temporary resident	2,000	2,000	1,000	S	*
Aerospace/aeronautical/astronautical engineers	5,000	4,000	500	S	2,000
U.S. citizen	5,000	4,000	500	S	2,000
Native born	4,000	4,000	500	S	2,000
Naturalized	1,000	1,000	*	S	500
Non-U.S. citizen	500	500	500	S	S
Permanent resident	500	500	S	S	S
Temporary resident	500	500	*	S	S
Chemical engineers	4,000	4,000	1,000	S	1,000
U.S. citizen	4,000	4,000	1,000	S	1,000
Native born	4,000	3,000	1,000	S	1,000
Naturalized	1,000	1,000	S	S	500
Non-U.S. citizen	1,000	1,000	500	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	500	500	500	S	S
Civil/architectural/sanitary engineers	8,000	6,000	500	S	5,000
U.S. citizen	7,000	6,000	500	S	5,000
Native born	7,000	6,000	500	S	4,000
Naturalized	3,000	2,000	*	S	2,000

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Non-U.S. citizen	2,000	2,000	500	S	1,000
Permanent resident	1,000	1,000	*	S	1,000
Temporary resident	1,000	1,000	500	S	S
Electrical/computer hardware engineers	9,000	8,000	1,000	S	2,000
U.S. citizen	9,000	8,000	1,000	S	2,000
Native born	8,000	7,000	1,000	S	2,000
Naturalized	4,000	3,000	500	S	1,000
Non-U.S. citizen	3,000	3,000	1,000	S	S
Permanent resident	2,000	2,000	500	S	S
Temporary resident	1,000	1,000	500	S	S
Industrial engineers	6,000	6,000	500	S	1,000
U.S. citizen	5,000	5,000	500	S	1,000
Native born	5,000	5,000	500	S	1,000
Naturalized	2,000	2,000	S	S	500
Non-U.S. citizen	2,000	2,000	500	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	1,000	1,000	*	S	S
Mechanical engineers	8,000	7,000	1,000	S	2,000
U.S. citizen	7,000	7,000	1,000	S	2,000
Native born	7,000	7,000	1,000	S	2,000
Naturalized	3,000	3,000	500	S	1,000
Non-U.S. citizen	2,000	2,000	500	S	S
Permanent resident	2,000	2,000	500	S	S
Temporary resident	1,000	1,000	500	S	S
Postsecondary teachers-engineering	2,000	S	2,000	1,000	S
U.S. citizen	2,000	S	2,000	1,000	S
Native born	2,000	S	2,000	1,000	S
Naturalized	1,000	S	1,000	500	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	500	S	500	S	S
Temporary resident	500	S	500	S	S
Other engineers	11,000	10,000	2,000	S	4,000
U.S. citizen	11,000	10,000	2,000	S	4,000
Native born	10,000	9,000	2,000	S	4,000
Naturalized	3,000	2,000	500	S	1,000
Non-U.S. citizen	2,000	2,000	1,000	S	500
Permanent resident	2,000	2,000	500	S	500
Temporary resident	1,000	1,000	1,000	S	S
S&E-related occupations	45,000	37,000	16,000	21,000	16,000
U.S. citizen	44,000	36,000	15,000	21,000	16,000
Native born	40,000	34,000	14,000	20,000	15,000
Naturalized	14,000	13,000	5,000	4,000	5,000
Non-U.S. citizen	9,000	8,000	3,000	2,000	2,000
Permanent resident	8,000	7,000	3,000	2,000	2,000
Temporary resident	4,000	3,000	2,000	1,000	1,000
Health-related occupations	35,000	32,000	15,000	9,000	14,000
U.S. citizen	34,000	32,000	15,000	9,000	13,000
Native born	32,000	31,000	13,000	8,000	13,000
Naturalized	11,000	11,000	5,000	2,000	4,000
Non-U.S. citizen	8,000	7,000	3,000	S	2,000

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Permanent resident	7,000	6,000	3,000	S	2,000
Temporary resident	3,000	2,000	1,000	S	500
S&E managers	13,000	12,000	2,000	2,000	6,000
U.S. citizen	13,000	11,000	2,000	2,000	6,000
Native born	12,000	11,000	2,000	2,000	6,000
Naturalized	3,000	3,000	1,000	S	1,000
Non-U.S. citizen	3,000	3,000	1,000	S	S
Permanent resident	3,000	3,000	1,000	S	S
Temporary resident	1,000	1,000	S	S	S
S&E precollege teachers	19,000	2,000	S	19,000	1,000
U.S. citizen	19,000	2,000	S	19,000	1,000
Native born	19,000	2,000	S	19,000	S
Naturalized	3,000	S	S	3,000	S
Non-U.S. citizen	2,000	S	S	2,000	S
Permanent resident	2,000	S	S	2,000	S
Temporary resident	1,000	S	S	1,000	S
S&E technicians/technologists	13,000	10,000	3,000	1,000	6,000
U.S. citizen	12,000	10,000	3,000	1,000	6,000
Native born	12,000	10,000	3,000	1,000	6,000
Naturalized	4,000	4,000	1,000	S	1,000
Non-U.S. citizen	3,000	3,000	1,000	S	1,000
Permanent resident	2,000	2,000	1,000	S	1,000
Temporary resident	2,000	2,000	1,000	S	S
Other S&E-related occupations	9,000	9,000	2,000	S	3,000
U.S. citizen	9,000	9,000	2,000	S	3,000
Native born	9,000	8,000	S	S	2,000
Naturalized	3,000	3,000	S	S	1,000
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	1,000	1,000	S	S	S
Non-S&E occupations	73,000	58,000	16,000	27,000	23,000
U.S. citizen	70,000	56,000	15,000	27,000	23,000
Native born	68,000	55,000	15,000	26,000	23,000
Naturalized	17,000	15,000	3,000	6,000	6,000
Non-U.S. citizen	12,000	11,000	3,000	3,000	3,000
Permanent resident	11,000	10,000	2,000	3,000	3,000
Temporary resident	5,000	4,000	2,000	1,000	S
Art/humanities/related occupations	15,000	14,000	3,000	2,000	3,000
U.S. citizen	15,000	14,000	3,000	2,000	3,000
Native born	14,000	14,000	3,000	2,000	3,000
Naturalized	3,000	3,000	500	S	500
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Management-related occupations	31,000	27,000	6,000	4,000	10,000
U.S. citizen	31,000	27,000	6,000	4,000	10,000
Native born	29,000	25,000	6,000	4,000	10,000
Naturalized	8,000	7,000	2,000	1,000	3,000
Non-U.S. citizen	5,000	5,000	1,000	S	1,000
Permanent resident	4,000	4,000	1,000	S	1,000

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Temporary resident	2,000	2,000	S	S	S
Non-S&E managers	26,000	23,000	5,000	8,000	9,000
U.S. citizen	26,000	22,000	5,000	8,000	9,000
Native born	25,000	22,000	5,000	8,000	9,000
Naturalized	6,000	5,000	2,000	1,000	1,000
Non-U.S. citizen	4,000	4,000	500	S	S
Permanent resident	4,000	4,000	500	S	S
Temporary resident	1,000	1,000	S	S	S
Non-S&E postsecondary teachers	7,000	1,000	6,000	4,000	500
U.S. citizen	7,000	1,000	6,000	4,000	*
Native born	7,000	1,000	6,000	4,000	*
Naturalized	2,000	S	1,000	1,000	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	1,000	S	1,000	S	S
Temporary resident	1,000	S	1,000	S	S
Non-S&E precollege/other teachers	23,000	4,000	1,000	22,000	2,000
U.S. citizen	23,000	4,000	1,000	22,000	2,000
Native born	22,000	4,000	1,000	22,000	2,000
Naturalized	5,000	1,000	S	5,000	S
Non-U.S. citizen	3,000	S	S	3,000	S
Permanent resident	3,000	S	S	3,000	S
Temporary resident	1,000	S	S	1,000	S
Sales/marketing occupations	32,000	31,000	3,000	1,000	3,000
U.S. citizen	31,000	30,000	3,000	1,000	3,000
Native born	30,000	29,000	2,000	S	3,000
Naturalized	8,000	8,000	S	S	1,000
Non-U.S. citizen	6,000	6,000	S	S	S
Permanent resident	5,000	5,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Social services/related occupations	18,000	15,000	4,000	7,000	10,000
U.S. citizen	18,000	15,000	4,000	7,000	10,000
Native born	17,000	14,000	4,000	7,000	10,000
Naturalized	4,000	3,000	1,000	2,000	2,000
Non-U.S. citizen	2,000	2,000	500	S	1,000
Permanent resident	2,000	2,000	S	S	1,000
Temporary resident	500	S	S	S	S
Other non-S&E occupations	45,000	37,000	8,000	9,000	20,000
U.S. citizen	43,000	35,000	8,000	9,000	20,000
Native born	41,000	34,000	7,000	9,000	20,000
Naturalized	11,000	10,000	1,000	2,000	5,000
Non-U.S. citizen	8,000	7,000	3,000	1,000	2,000
Permanent resident	7,000	7,000	2,000	1,000	2,000
Temporary resident	3,000	3,000	2,000	S	S
Bachelor's degrees, all occupations	70,000	62,000	18,000	24,000	28,000
U.S. citizen	69,000	61,000	17,000	23,000	27,000
Native born	66,000	58,000	16,000	23,000	26,000
Naturalized	20,000	17,000	5,000	6,000	7,000
Non-U.S. citizen	14,000	13,000	4,000	3,000	3,000
Permanent resident	13,000	12,000	3,000	3,000	3,000
Temporary resident	6,000	5,000	2,000	1,000	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
S&E occupations	32,000	28,000	9,000	5,000	13,000
U.S. citizen	31,000	28,000	8,000	5,000	13,000
Native born	29,000	26,000	8,000	5,000	12,000
Naturalized	9,000	8,000	2,000	1,000	3,000
Non-U.S. citizen	7,000	6,000	2,000	S	1,000
Permanent resident	6,000	6,000	2,000	S	1,000
Temporary resident	3,000	3,000	1,000	S	S
Scientists	26,000	23,000	8,000	5,000	11,000
U.S. citizen	26,000	22,000	8,000	5,000	11,000
Native born	24,000	21,000	7,000	5,000	10,000
Naturalized	7,000	7,000	2,000	1,000	2,000
Non-U.S. citizen	6,000	5,000	2,000	S	1,000
Permanent resident	6,000	5,000	2,000	S	1,000
Temporary resident	3,000	2,000	1,000	S	S
Biological/agricultural/other life scientists	9,000	7,000	5,000	1,000	5,000
U.S. citizen	9,000	7,000	5,000	1,000	5,000
Native born	9,000	7,000	4,000	1,000	5,000
Naturalized	2,000	2,000	1,000	S	1,000
Non-U.S. citizen	2,000	1,000	2,000	S	S
Permanent resident	2,000	1,000	2,000	S	S
Temporary resident	1,000	S	S	S	S
Agricultural/food scientists	4,000	3,000	1,000	S	2,000
U.S. citizen	4,000	3,000	1,000	S	2,000
Native born	4,000	3,000	1,000	S	2,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Biological/medical scientists	8,000	6,000	4,000	S	4,000
U.S. citizen	7,000	6,000	4,000	S	4,000
Native born	7,000	5,000	4,000	S	4,000
Naturalized	2,000	2,000	1,000	S	1,000
Non-U.S. citizen	2,000	1,000	2,000	S	S
Permanent resident	2,000	500	2,000	S	S
Temporary resident	S	S	S	S	S
Environmental life scientists	3,000	2,000	S	S	2,000
U.S. citizen	3,000	2,000	S	S	2,000
Native born	3,000	2,000	S	S	2,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	S	2,000	1,000	S
U.S. citizen	2,000	S	2,000	1,000	S
Native born	2,000	S	2,000	1,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Computer/mathematical scientists	23,000	22,000	5,000	4,000	7,000
U.S. citizen	23,000	21,000	5,000	4,000	7,000
Native born	21,000	19,000	5,000	4,000	6,000
Naturalized	7,000	6,000	1,000	1,000	2,000
Non-U.S. citizen	5,000	5,000	1,000	S	1,000
Permanent resident	5,000	5,000	1,000	S	1,000
Temporary resident	2,000	2,000	500	S	S
Computer/information scientists	23,000	21,000	5,000	4,000	7,000
U.S. citizen	22,000	21,000	5,000	4,000	7,000
Native born	21,000	19,000	5,000	3,000	6,000
Naturalized	7,000	6,000	1,000	1,000	2,000
Non-U.S. citizen	5,000	5,000	1,000	S	1,000
Permanent resident	5,000	5,000	1,000	S	1,000
Temporary resident	2,000	2,000	500	S	S
Mathematical scientists	4,000	4,000	1,000	S	2,000
U.S. citizen	4,000	4,000	1,000	S	2,000
Native born	4,000	3,000	1,000	S	2,000
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	1,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	3,000	S	2,000	2,000	S
U.S. citizen	3,000	S	2,000	2,000	S
Native born	3,000	S	2,000	2,000	S
Naturalized	500	S	*	S	S
Non-U.S. citizen	*	S	*	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Physical/related scientists	7,000	6,000	3,000	500	4,000
U.S. citizen	7,000	6,000	3,000	500	4,000
Native born	7,000	5,000	3,000	500	4,000
Naturalized	2,000	2,000	1,000	S	1,000
Non-U.S. citizen	1,000	1,000	1,000	S	S
Permanent resident	1,000	1,000	*	S	S
Temporary resident	1,000	S	1,000	S	S
Chemists, except biochemists	5,000	5,000	1,000	S	2,000
U.S. citizen	5,000	5,000	1,000	S	2,000
Native born	4,000	4,000	1,000	S	2,000
Naturalized	2,000	2,000	S	S	S
Non-U.S. citizen	1,000	500	S	S	S
Permanent resident	1,000	500	S	S	S
Temporary resident	S	S	S	S	S
Earth/atmospheric/ocean scientists	3,000	3,000	1,000	S	2,000
U.S. citizen	3,000	3,000	1,000	S	2,000
Native born	3,000	2,000	1,000	S	2,000
Naturalized	1,000	500	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Physicists/astronomers	1,000	500	1,000	S	*
U.S. citizen	1,000	500	500	S	*
Native born	1,000	500	500	S	*
Naturalized	S	S	S	S	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	1,000	S	1,000	S	S
Postsecondary teachers-physical/related sciences	2,000	S	2,000	500	S
U.S. citizen	2,000	S	2,000	500	S
Native born	2,000	S	2,000	500	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	500	S	500	S	S
Permanent resident	S	S	S	S	S
Temporary resident	*	S	*	S	S
Other physical/related scientists	3,000	2,000	1,000	S	3,000
U.S. citizen	3,000	2,000	1,000	S	3,000
Native born	3,000	2,000	1,000	S	3,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	7,000	5,000	3,000	2,000	3,000
U.S. citizen	7,000	5,000	3,000	2,000	3,000
Native born	7,000	5,000	3,000	2,000	3,000
Naturalized	2,000	1,000	500	S	S
Non-U.S. citizen	1,000	1,000	1,000	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	500	S	S	S	S
Economists	2,000	1,000	S	S	1,000
U.S. citizen	2,000	1,000	S	S	1,000
Native born	1,000	1,000	S	S	1,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Political/related scientists	2,000	1,000	S	S	2,000
U.S. citizen	2,000	1,000	S	S	2,000
Native born	2,000	1,000	S	S	2,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-social/related sciences	3,000	S	2,000	2,000	S
U.S. citizen	3,000	S	2,000	2,000	S
Native born	3,000	S	2,000	2,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Psychologists	3,000	2,000	2,000	1,000	1,000
U.S. citizen	3,000	2,000	2,000	1,000	1,000
Native born	3,000	2,000	2,000	1,000	S
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	2,000	1,000	1,000	S	1,000
U.S. citizen	2,000	1,000	1,000	S	S
Native born	2,000	1,000	1,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	5,000	4,000	1,000	S	3,000
U.S. citizen	5,000	4,000	1,000	S	3,000
Native born	5,000	4,000	1,000	S	3,000
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	16,000	14,000	3,000	1,000	6,000
U.S. citizen	16,000	14,000	2,000	1,000	6,000
Native born	15,000	14,000	2,000	1,000	6,000
Naturalized	4,000	4,000	500	S	2,000
Non-U.S. citizen	4,000	3,000	1,000	S	500
Permanent resident	3,000	3,000	500	S	500
Temporary resident	2,000	1,000	1,000	S	S
Aerospace/aeronautical/astronautical engineers	4,000	3,000	500	S	2,000
U.S. citizen	4,000	3,000	500	S	2,000
Native born	4,000	3,000	500	S	2,000
Naturalized	1,000	1,000	S	S	500
Non-U.S. citizen	500	500	S	S	S
Permanent resident	500	500	S	S	S
Temporary resident	S	S	S	S	S
Chemical engineers	3,000	3,000	1,000	S	1,000
U.S. citizen	3,000	3,000	1,000	S	1,000
Native born	3,000	3,000	1,000	S	1,000
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	1,000	1,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	S	S	S	S	S
Civil/architectural/sanitary engineers	6,000	5,000	500	S	4,000
U.S. citizen	6,000	5,000	500	S	4,000
Native born	6,000	5,000	500	S	4,000
Naturalized	2,000	1,000	S	S	2,000
Non-U.S. citizen	1,000	1,000	S	S	500
Permanent resident	1,000	1,000	S	S	500
Temporary resident	1,000	1,000	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Electrical/computer hardware engineers	7,000	6,000	1,000	S	2,000
U.S. citizen	7,000	6,000	1,000	S	2,000
Native born	6,000	6,000	1,000	S	2,000
Naturalized	2,000	2,000	S	S	1,000
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	1,000	1,000	S	S	S
Industrial engineers	5,000	5,000	500	S	500
U.S. citizen	5,000	5,000	500	S	500
Native born	4,000	4,000	500	S	500
Naturalized	2,000	2,000	S	S	S
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	1,000	1,000	S	S	S
Mechanical engineers	6,000	6,000	1,000	S	1,000
U.S. citizen	6,000	6,000	1,000	S	1,000
Native born	6,000	6,000	1,000	S	1,000
Naturalized	2,000	2,000	S	S	1,000
Non-U.S. citizen	2,000	2,000	*	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	500	500	S	S	S
Postsecondary teachers-engineering	1,000	S	1,000	1,000	S
U.S. citizen	1,000	S	1,000	1,000	S
Native born	1,000	S	1,000	1,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other engineers	9,000	8,000	2,000	S	3,000
U.S. citizen	9,000	8,000	2,000	S	3,000
Native born	9,000	8,000	1,000	S	3,000
Naturalized	2,000	2,000	500	S	1,000
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	1,000	500	S	S	S
S&E-related occupations	35,000	30,000	12,000	14,000	14,000
U.S. citizen	34,000	29,000	12,000	14,000	14,000
Native born	31,000	28,000	11,000	13,000	13,000
Naturalized	11,000	11,000	4,000	3,000	4,000
Non-U.S. citizen	7,000	7,000	2,000	2,000	2,000
Permanent resident	7,000	6,000	2,000	2,000	2,000
Temporary resident	3,000	3,000	S	S	S
Health-related occupations	29,000	26,000	12,000	6,000	12,000
U.S. citizen	28,000	25,000	11,000	6,000	12,000
Native born	25,000	24,000	10,000	6,000	11,000
Naturalized	9,000	9,000	4,000	2,000	4,000
Non-U.S. citizen	6,000	5,000	2,000	S	S
Permanent resident	6,000	5,000	2,000	S	S
Temporary resident	2,000	2,000	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
S&E managers	10,000	10,000	2,000	1,000	4,000
U.S. citizen	10,000	9,000	2,000	1,000	4,000
Native born	10,000	9,000	1,000	S	4,000
Naturalized	3,000	2,000	S	S	1,000
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	S	S	S	S	S
S&E precollege teachers	12,000	1,000	S	12,000	S
U.S. citizen	12,000	1,000	S	12,000	S
Native born	12,000	1,000	S	12,000	S
Naturalized	2,000	S	S	2,000	S
Non-U.S. citizen	1,000	S	S	1,000	S
Permanent resident	1,000	S	S	1,000	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	11,000	9,000	3,000	1,000	6,000
U.S. citizen	11,000	9,000	3,000	1,000	6,000
Native born	11,000	9,000	3,000	1,000	6,000
Naturalized	4,000	4,000	1,000	S	1,000
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Other S&E-related occupations	8,000	8,000	2,000	S	2,000
U.S. citizen	8,000	7,000	2,000	S	2,000
Native born	7,000	7,000	S	S	2,000
Naturalized	2,000	2,000	S	S	S
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	61,000	50,000	10,000	20,000	19,000
U.S. citizen	59,000	49,000	9,000	20,000	19,000
Native born	57,000	48,000	9,000	20,000	19,000
Naturalized	15,000	13,000	2,000	5,000	5,000
Non-U.S. citizen	10,000	9,000	2,000	2,000	2,000
Permanent resident	9,000	8,000	2,000	2,000	2,000
Temporary resident	4,000	3,000	2,000	1,000	S
Art/humanities/related occupations	11,000	11,000	2,000	2,000	3,000
U.S. citizen	11,000	11,000	2,000	2,000	3,000
Native born	11,000	11,000	2,000	S	3,000
Naturalized	2,000	2,000	S	S	S
Non-U.S. citizen	1,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Management-related occupations	25,000	23,000	5,000	3,000	8,000
U.S. citizen	25,000	22,000	5,000	3,000	8,000
Native born	23,000	21,000	5,000	3,000	7,000
Naturalized	6,000	6,000	1,000	S	2,000
Non-U.S. citizen	4,000	4,000	S	S	S
Permanent resident	4,000	3,000	S	S	S
Temporary resident	1,000	1,000	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Non-S&E managers	19,000	18,000	3,000	3,000	6,000
U.S. citizen	19,000	17,000	3,000	3,000	6,000
Native born	18,000	17,000	3,000	3,000	6,000
Naturalized	5,000	4,000	1,000	S	S
Non-U.S. citizen	3,000	3,000	S	S	S
Permanent resident	3,000	3,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E postsecondary teachers	4,000	S	3,000	2,000	S
U.S. citizen	4,000	S	3,000	2,000	S
Native born	3,000	S	3,000	2,000	S
Naturalized	1,000	S	S	S	S
Non-U.S. citizen	500	S	500	S	S
Permanent resident	500	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E precollege/other teachers	18,000	3,000	1,000	18,000	1,000
U.S. citizen	17,000	2,000	1,000	17,000	1,000
Native born	17,000	2,000	1,000	17,000	1,000
Naturalized	5,000	S	S	4,000	S
Non-U.S. citizen	3,000	S	S	2,000	S
Permanent resident	3,000	S	S	2,000	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	29,000	28,000	1,000	1,000	3,000
U.S. citizen	28,000	27,000	1,000	1,000	3,000
Native born	28,000	27,000	1,000	S	3,000
Naturalized	7,000	7,000	S	S	S
Non-U.S. citizen	5,000	5,000	S	S	S
Permanent resident	5,000	5,000	S	S	S
Temporary resident	1,000	1,000	S	S	S
Social services/related occupations	12,000	8,000	3,000	3,000	8,000
U.S. citizen	12,000	9,000	3,000	3,000	8,000
Native born	12,000	8,000	3,000	3,000	7,000
Naturalized	3,000	2,000	S	1,000	2,000
Non-U.S. citizen	2,000	1,000	S	S	1,000
Permanent resident	1,000	1,000	S	S	1,000
Temporary resident	S	S	S	S	S
Other non-S&E occupations	36,000	29,000	6,000	7,000	17,000
U.S. citizen	35,000	28,000	6,000	7,000	17,000
Native born	33,000	27,000	6,000	6,000	16,000
Naturalized	10,000	9,000	1,000	2,000	4,000
Non-U.S. citizen	7,000	6,000	2,000	S	2,000
Permanent resident	6,000	5,000	1,000	S	2,000
Temporary resident	3,000	2,000	2,000	S	S
Master's degrees, all occupations	46,000	37,000	12,000	23,000	17,000
U.S. citizen	45,000	35,000	12,000	22,000	17,000
Native born	44,000	34,000	12,000	23,000	16,000
Naturalized	14,000	11,000	3,000	4,000	5,000
Non-U.S. citizen	10,000	9,000	3,000	2,000	2,000
Permanent resident	8,000	8,000	3,000	2,000	2,000
Temporary resident	5,000	5,000	2,000	1,000	1,000
S&E occupations	20,000	16,000	7,000	5,000	8,000

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
U.S. citizen	19,000	15,000	6,000	5,000	8,000
Native born	18,000	14,000	6,000	5,000	8,000
Naturalized	7,000	6,000	1,000	1,000	2,000
Non-U.S. citizen	6,000	6,000	2,000	1,000	1,000
Permanent resident	5,000	5,000	2,000	500	1,000
Temporary resident	4,000	4,000	2,000	S	500
Scientists	17,000	13,000	6,000	5,000	7,000
U.S. citizen	16,000	13,000	6,000	5,000	7,000
Native born	16,000	12,000	6,000	5,000	7,000
Naturalized	5,000	5,000	1,000	1,000	1,000
Non-U.S. citizen	6,000	5,000	2,000	1,000	1,000
Permanent resident	4,000	4,000	2,000	500	1,000
Temporary resident	4,000	3,000	2,000	S	500
Biological/agricultural/other life scientists	5,000	3,000	3,000	1,000	3,000
U.S. citizen	5,000	3,000	3,000	1,000	3,000
Native born	5,000	3,000	3,000	1,000	3,000
Naturalized	1,000	1,000	1,000	S	1,000
Non-U.S. citizen	1,000	1,000	1,000	S	S
Permanent resident	1,000	500	1,000	S	S
Temporary resident	1,000	1,000	1,000	S	S
Agricultural/food scientists	2,000	1,000	2,000	S	1,000
U.S. citizen	2,000	1,000	2,000	S	1,000
Native born	2,000	1,000	2,000	S	1,000
Naturalized	500	S	S	S	S
Non-U.S. citizen	1,000	S	500	S	S
Permanent resident	S	S	S	S	S
Temporary resident	500	S	*	S	S
Biological/medical scientists	4,000	3,000	2,000	S	2,000
U.S. citizen	4,000	3,000	2,000	S	2,000
Native born	4,000	3,000	2,000	S	2,000
Naturalized	1,000	1,000	1,000	S	1,000
Non-U.S. citizen	1,000	1,000	1,000	S	S
Permanent resident	1,000	500	1,000	S	S
Temporary resident	1,000	S	1,000	S	S
Environmental life scientists	2,000	1,000	1,000	S	1,000
U.S. citizen	2,000	1,000	1,000	S	1,000
Native born	2,000	1,000	1,000	S	1,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	S	1,000	1,000	S
U.S. citizen	2,000	S	1,000	1,000	S
Native born	2,000	S	1,000	1,000	S
Naturalized	500	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	13,000	12,000	4,000	3,000	4,000
U.S. citizen	12,000	11,000	3,000	3,000	4,000

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Native born	11,000	10,000	3,000	3,000	4,000
Naturalized	4,000	4,000	1,000	1,000	1,000
Non-U.S. citizen	5,000	5,000	2,000	500	1,000
Permanent resident	4,000	4,000	1,000	500	1,000
Temporary resident	3,000	3,000	1,000	S	500
Computer/information scientists	13,000	11,000	3,000	2,000	4,000
U.S. citizen	12,000	11,000	2,000	2,000	4,000
Native born	11,000	10,000	2,000	1,000	3,000
Naturalized	4,000	4,000	1,000	S	1,000
Non-U.S. citizen	5,000	5,000	1,000	S	1,000
Permanent resident	4,000	4,000	1,000	S	1,000
Temporary resident	3,000	3,000	1,000	S	S
Mathematical scientists	4,000	3,000	2,000	S	2,000
U.S. citizen	3,000	2,000	1,000	S	2,000
Native born	3,000	2,000	1,000	S	2,000
Naturalized	1,000	1,000	S	S	500
Non-U.S. citizen	1,000	1,000	500	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	1,000	500	500	S	S
Postsecondary teachers-computer/mathematical sciences	3,000	S	2,000	2,000	S
U.S. citizen	3,000	S	2,000	2,000	S
Native born	3,000	S	2,000	2,000	S
Naturalized	1,000	S	1,000	1,000	S
Non-U.S. citizen	1,000	S	1,000	500	S
Permanent resident	1,000	S	1,000	500	S
Temporary resident	1,000	S	1,000	S	S
Physical/related scientists	4,000	4,000	2,000	1,000	2,000
U.S. citizen	4,000	4,000	2,000	1,000	2,000
Native born	4,000	3,000	2,000	1,000	2,000
Naturalized	2,000	1,000	*	S	500
Non-U.S. citizen	1,000	1,000	1,000	S	*
Permanent resident	500	500	500	S	*
Temporary resident	1,000	500	500	S	S
Chemists, except biochemists	3,000	2,000	500	S	1,000
U.S. citizen	2,000	2,000	500	S	1,000
Native born	2,000	2,000	500	S	1,000
Naturalized	1,000	1,000	S	S	500
Non-U.S. citizen	1,000	500	500	S	S
Permanent resident	500	500	S	S	S
Temporary resident	500	500	500	S	S
Earth/atmospheric/ocean scientists	2,000	2,000	1,000	S	1,000
U.S. citizen	2,000	2,000	1,000	S	1,000
Native born	2,000	2,000	1,000	S	1,000
Naturalized	500	500	S	S	S
Non-U.S. citizen	500	*	500	S	S
Permanent resident	*	S	S	S	S
Temporary resident	500	S	*	S	S
Physicists/astronomers	1,000	1,000	500	S	500
U.S. citizen	1,000	1,000	500	S	500
Native born	1,000	500	500	S	500

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Naturalized	S	S	S	S	S
Non-U.S. citizen	500	S	500	S	S
Permanent resident	*	S	S	S	S
Temporary resident	500	S	500	S	S
Postsecondary teachers-physical/related sciences	2,000	S	1,000	1,000	S
U.S. citizen	2,000	S	1,000	1,000	S
Native born	2,000	S	1,000	1,000	S
Naturalized	500	S	S	S	S
Non-U.S. citizen	500	S	500	S	S
Permanent resident	S	S	S	S	S
Temporary resident	500	S	500	S	S
Other physical/related scientists	2,000	1,000	500	S	1,000
U.S. citizen	2,000	1,000	500	S	1,000
Native born	2,000	1,000	500	S	1,000
Naturalized	500	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	9,000	6,000	3,000	4,000	4,000
U.S. citizen	8,000	6,000	3,000	4,000	4,000
Native born	8,000	5,000	3,000	4,000	4,000
Naturalized	2,000	1,000	500	1,000	500
Non-U.S. citizen	1,000	1,000	1,000	S	S
Permanent resident	1,000	500	500	S	S
Temporary resident	1,000	1,000	1,000	S	S
Economists	3,000	2,000	500	S	1,000
U.S. citizen	2,000	2,000	S	S	1,000
Native born	2,000	2,000	S	S	1,000
Naturalized	500	500	S	S	S
Non-U.S. citizen	500	500	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	500	500	S	S	S
Political/related scientists	2,000	1,000	500	S	2,000
U.S. citizen	2,000	1,000	S	S	2,000
Native born	2,000	1,000	S	S	2,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-social/related sciences	3,000	S	3,000	2,000	S
U.S. citizen	3,000	S	2,000	2,000	S
Native born	3,000	S	2,000	2,000	S
Naturalized	1,000	S	500	500	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	500	S	S	S	S
Temporary resident	1,000	S	1,000	S	S
Psychologists	5,000	3,000	2,000	3,000	2,000
U.S. citizen	5,000	3,000	2,000	3,000	2,000
Native born	5,000	3,000	2,000	3,000	2,000
Naturalized	1,000	1,000	S	1,000	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Non-U.S. citizen	1,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	2,000	1,000	1,000	S	500
U.S. citizen	2,000	1,000	1,000	S	500
Native born	2,000	1,000	1,000	S	500
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	4,000	4,000	1,000	S	3,000
U.S. citizen	4,000	4,000	1,000	S	3,000
Native born	4,000	3,000	1,000	S	3,000
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	1,000	1,000	S	S	S
Permanent resident	*	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	10,000	10,000	2,000	1,000	4,000
U.S. citizen	10,000	9,000	2,000	1,000	4,000
Native born	9,000	8,000	2,000	1,000	4,000
Naturalized	4,000	3,000	500	S	2,000
Non-U.S. citizen	3,000	3,000	1,000	S	500
Permanent resident	2,000	2,000	500	S	500
Temporary resident	2,000	2,000	1,000	S	S
Aerospace/aeronautical/astronautical engineers	2,000	2,000	500	S	1,000
U.S. citizen	2,000	2,000	500	S	1,000
Native born	2,000	2,000	500	S	1,000
Naturalized	1,000	1,000	S	S	500
Non-U.S. citizen	500	500	*	S	S
Permanent resident	500	*	S	S	S
Temporary resident	*	S	*	S	S
Chemical engineers	2,000	2,000	500	S	*
U.S. citizen	2,000	2,000	*	S	*
Native born	2,000	2,000	*	S	S
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	1,000	1,000	500	S	S
Permanent resident	500	500	S	S	S
Temporary resident	500	*	500	S	S
Civil/architectural/sanitary engineers	4,000	3,000	500	S	2,000
U.S. citizen	4,000	3,000	*	S	2,000
Native born	4,000	3,000	*	S	2,000
Naturalized	2,000	1,000	S	S	1,000
Non-U.S. citizen	1,000	1,000	500	S	500
Permanent resident	1,000	1,000	S	S	500
Temporary resident	1,000	1,000	500	S	S
Electrical/computer hardware engineers	5,000	5,000	1,000	S	2,000
U.S. citizen	5,000	4,000	1,000	S	2,000
Native born	4,000	4,000	500	S	2,000
Naturalized	3,000	2,000	S	S	500
Non-U.S. citizen	2,000	2,000	500	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Permanent resident	2,000	2,000	S	S	S
Temporary resident	1,000	1,000	500	S	S
Industrial engineers	3,000	3,000	500	S	500
U.S. citizen	2,000	2,000	S	S	500
Native born	2,000	2,000	S	S	500
Naturalized	1,000	500	S	S	S
Non-U.S. citizen	1,000	1,000	*	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	1,000	500	*	S	S
Mechanical engineers	4,000	4,000	1,000	S	1,000
U.S. citizen	4,000	4,000	500	S	1,000
Native born	4,000	4,000	500	S	1,000
Naturalized	1,000	1,000	S	S	500
Non-U.S. citizen	1,000	1,000	500	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	1,000	1,000	500	S	S
Postsecondary teachers-engineering	1,000	S	1,000	1,000	S
U.S. citizen	1,000	S	1,000	1,000	S
Native born	1,000	S	1,000	1,000	S
Naturalized	500	S	S	S	S
Non-U.S. citizen	500	S	500	S	S
Permanent resident	S	S	S	S	S
Temporary resident	500	S	500	S	S
Other engineers	5,000	5,000	1,000	S	2,000
U.S. citizen	5,000	5,000	1,000	S	2,000
Native born	5,000	4,000	1,000	S	2,000
Naturalized	2,000	2,000	S	S	1,000
Non-U.S. citizen	1,000	1,000	1,000	S	500
Permanent resident	1,000	1,000	S	S	S
Temporary resident	1,000	1,000	500	S	S
S&E-related occupations	24,000	16,000	6,000	16,000	7,000
U.S. citizen	24,000	16,000	6,000	16,000	7,000
Native born	22,000	15,000	5,000	15,000	7,000
Naturalized	6,000	5,000	2,000	3,000	2,000
Non-U.S. citizen	4,000	3,000	2,000	1,000	1,000
Permanent resident	3,000	3,000	1,000	1,000	1,000
Temporary resident	2,000	1,000	1,000	S	S
Health-related occupations	15,000	13,000	6,000	7,000	5,000
U.S. citizen	15,000	13,000	6,000	7,000	5,000
Native born	15,000	13,000	5,000	7,000	5,000
Naturalized	5,000	4,000	2,000	500	2,000
Non-U.S. citizen	2,000	2,000	1,000	S	S
Permanent resident	2,000	2,000	1,000	S	S
Temporary resident	1,000	500	1,000	S	S
S&E managers	8,000	7,000	2,000	1,000	4,000
U.S. citizen	8,000	6,000	1,000	1,000	4,000
Native born	7,000	6,000	1,000	S	4,000
Naturalized	2,000	2,000	500	S	1,000
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	2,000	2,000	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Temporary resident	1,000	1,000	S	S	S
S&E precollege teachers	14,000	1,000	S	14,000	S
U.S. citizen	14,000	S	S	14,000	S
Native born	14,000	S	S	14,000	S
Naturalized	3,000	S	S	3,000	S
Non-U.S. citizen	1,000	S	S	1,000	S
Permanent resident	1,000	S	S	1,000	S
Temporary resident	1,000	S	S	S	S
S&E technicians/technologists	5,000	4,000	1,000	S	2,000
U.S. citizen	5,000	4,000	1,000	S	2,000
Native born	4,000	4,000	1,000	S	2,000
Naturalized	2,000	2,000	500	S	500
Non-U.S. citizen	1,000	1,000	1,000	S	1,000
Permanent resident	1,000	1,000	S	S	S
Temporary resident	1,000	1,000	1,000	S	S
Other S&E-related occupations	5,000	5,000	S	S	2,000
U.S. citizen	5,000	4,000	S	S	2,000
Native born	5,000	4,000	S	S	2,000
Naturalized	2,000	2,000	S	S	S
Non-U.S. citizen	1,000	1,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	1,000	1,000	S	S	S
Non-S&E occupations	41,000	32,000	10,000	19,000	14,000
U.S. citizen	40,000	31,000	10,000	19,000	14,000
Native born	39,000	30,000	10,000	19,000	13,000
Naturalized	10,000	8,000	2,000	3,000	4,000
Non-U.S. citizen	7,000	6,000	2,000	2,000	1,000
Permanent resident	6,000	6,000	2,000	2,000	1,000
Temporary resident	3,000	3,000	1,000	S	S
Art/humanities/related occupations	8,000	7,000	2,000	1,000	1,000
U.S. citizen	7,000	7,000	2,000	1,000	1,000
Native born	7,000	7,000	2,000	1,000	1,000
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	500	500	S	S	S
Temporary resident	1,000	S	S	S	S
Management-related occupations	17,000	15,000	3,000	3,000	7,000
U.S. citizen	16,000	15,000	3,000	3,000	7,000
Native born	15,000	14,000	3,000	3,000	6,000
Naturalized	5,000	4,000	2,000	S	2,000
Non-U.S. citizen	4,000	4,000	S	S	S
Permanent resident	3,000	3,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Non-S&E Managers	18,000	14,000	3,000	7,000	6,000
U.S. citizen	18,000	14,000	3,000	7,000	6,000
Native born	17,000	13,000	3,000	7,000	6,000
Naturalized	4,000	4,000	1,000	S	1,000
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	1,000	500	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Non-S&E postsecondary teachers	5,000	S	4,000	3,000	S
U.S. citizen	4,000	S	4,000	3,000	S
Native born	4,000	S	4,000	3,000	S
Naturalized	1,000	S	1,000	1,000	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	500	S	500	S	S
Temporary resident	1,000	S	1,000	S	S
Non-S&E precollege/other teachers	15,000	3,000	S	15,000	1,000
U.S. citizen	15,000	3,000	S	15,000	1,000
Native born	15,000	3,000	S	15,000	1,000
Naturalized	3,000	S	S	3,000	S
Non-U.S. citizen	2,000	S	S	2,000	S
Permanent resident	2,000	S	S	2,000	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	15,000	15,000	2,000	S	2,000
U.S. citizen	14,000	15,000	2,000	S	2,000
Native born	13,000	13,000	2,000	S	1,000
Naturalized	4,000	4,000	S	S	S
Non-U.S. citizen	3,000	3,000	S	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	1,000	1,000	S	S	S
Social services/related occupations	13,000	11,000	4,000	6,000	6,000
U.S. citizen	13,000	11,000	4,000	6,000	6,000
Native born	13,000	10,000	4,000	6,000	6,000
Naturalized	3,000	2,000	S	1,000	2,000
Non-U.S. citizen	1,000	1,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	18,000	14,000	5,000	5,000	9,000
U.S. citizen	17,000	13,000	4,000	5,000	9,000
Native born	16,000	13,000	4,000	5,000	8,000
Naturalized	5,000	4,000	1,000	1,000	3,000
Non-U.S. citizen	4,000	3,000	2,000	S	S
Permanent resident	3,000	3,000	1,000	S	S
Temporary resident	1,000	1,000	500	S	S
Doctorate degrees, all occupations	9,000	6,000	6,000	4,000	3,000
U.S. citizen	9,000	5,000	5,000	4,000	2,000
Native born	8,000	5,000	5,000	4,000	2,000
Naturalized	3,000	3,000	2,000	1,000	1,000
Non-U.S. citizen	3,000	3,000	2,000	500	1,000
Permanent resident	3,000	2,000	2,000	500	1,000
Temporary resident	1,000	1,000	1,000	*	500
S&E occupations	5,000	3,000	4,000	1,000	2,000
U.S. citizen	4,000	3,000	3,000	1,000	2,000
Native born	4,000	2,000	3,000	1,000	1,000
Naturalized	2,000	2,000	1,000	500	1,000
Non-U.S. citizen	3,000	2,000	2,000	500	1,000
Permanent resident	2,000	2,000	2,000	*	500
Temporary resident	1,000	1,000	1,000	*	500

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Scientists	5,000	3,000	4,000	1,000	1,000
U.S. citizen	4,000	2,000	3,000	1,000	1,000
Native born	3,000	2,000	2,000	1,000	1,000
Naturalized	2,000	1,000	1,000	500	1,000
Non-U.S. citizen	2,000	2,000	2,000	500	1,000
Permanent resident	2,000	1,000	2,000	*	500
Temporary resident	1,000	1,000	1,000	*	500
Biological/agricultural/other life scientists	3,000	2,000	2,000	500	1,000
U.S. citizen	2,000	1,000	2,000	500	1,000
Native born	2,000	1,000	1,000	500	1,000
Naturalized	1,000	1,000	1,000	500	500
Non-U.S. citizen	2,000	1,000	1,000	*	500
Permanent resident	2,000	1,000	1,000	*	500
Temporary resident	1,000	500	1,000	S	500
Agricultural/food scientists	1,000	500	500	S	500
U.S. citizen	500	500	500	S	500
Native born	500	500	500	S	500
Naturalized	500	500	*	S	*
Non-U.S. citizen	500	500	500	S	S
Permanent resident	500	500	500	S	S
Temporary resident	*	S	*	S	S
Biological/medical scientists	2,000	2,000	2,000	*	1,000
U.S. citizen	2,000	1,000	1,000	*	1,000
Native born	1,000	1,000	1,000	*	1,000
Naturalized	1,000	1,000	1,000	S	500
Non-U.S. citizen	2,000	1,000	1,000	S	500
Permanent resident	1,000	1,000	1,000	S	500
Temporary resident	1,000	500	1,000	S	500
Environmental life scientists	500	500	*	S	500
U.S. citizen	500	*	*	S	500
Native born	500	*	*	S	500
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	S	1,000	500	S
U.S. citizen	1,000	S	1,000	500	S
Native born	1,000	S	1,000	500	S
Naturalized	1,000	S	1,000	500	S
Non-U.S. citizen	500	S	500	S	S
Permanent resident	500	S	500	S	S
Temporary resident	*	S	*	S	S
Computer/mathematical scientists	3,000	2,000	2,000	1,000	1,000
U.S. citizen	2,000	1,000	2,000	1,000	1,000
Native born	2,000	1,000	1,000	500	500
Naturalized	1,000	1,000	1,000	500	500
Non-U.S. citizen	1,000	1,000	1,000	*	*
Permanent resident	1,000	1,000	1,000	*	S
Temporary resident	1,000	1,000	1,000	*	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Computer/information scientists	2,000	2,000	500	S	1,000
U.S. citizen	2,000	1,000	500	S	1,000
Native born	1,000	1,000	500	S	500
Naturalized	1,000	1,000	500	S	500
Non-U.S. citizen	1,000	1,000	500	S	S
Permanent resident	1,000	1,000	500	S	S
Temporary resident	1,000	500	500	S	S
Mathematical scientists	1,000	1,000	500	S	500
U.S. citizen	1,000	1,000	500	S	500
Native born	1,000	500	500	S	500
Naturalized	500	500	*	S	500
Non-U.S. citizen	500	500	500	S	*
Permanent resident	500	500	*	S	S
Temporary resident	500	500	*	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	S	2,000	500	S
U.S. citizen	2,000	S	1,000	500	S
Native born	1,000	S	1,000	500	S
Naturalized	1,000	S	500	500	S
Non-U.S. citizen	1,000	S	1,000	*	S
Permanent resident	1,000	S	1,000	S	S
Temporary resident	500	S	500	S	S
Physical/related scientists	2,000	1,000	1,000	500	1,000
U.S. citizen	1,000	1,000	1,000	500	1,000
Native born	1,000	1,000	1,000	500	1,000
Naturalized	1,000	1,000	500	*	500
Non-U.S. citizen	1,000	1,000	1,000	S	*
Permanent resident	1,000	1,000	1,000	S	*
Temporary resident	1,000	500	1,000	S	*
Chemists, except biochemists	1,000	1,000	1,000	S	500
U.S. citizen	1,000	1,000	500	S	500
Native born	1,000	1,000	500	S	500
Naturalized	500	500	500	S	*
Non-U.S. citizen	1,000	1,000	500	S	*
Permanent resident	1,000	1,000	500	S	S
Temporary resident	1,000	500	500	S	S
Earth/atmospheric/ocean scientists	1,000	500	500	S	500
U.S. citizen	500	500	500	S	500
Native born	500	500	500	S	500
Naturalized	500	*	*	S	500
Non-U.S. citizen	500	500	500	S	S
Permanent resident	500	*	*	S	S
Temporary resident	500	*	500	S	S
Physicists/astronomers	1,000	1,000	1,000	S	500
U.S. citizen	1,000	500	500	S	500
Native born	1,000	500	500	S	500
Naturalized	500	500	500	S	500
Non-U.S. citizen	1,000	500	1,000	S	S
Permanent resident	500	500	500	S	S
Temporary resident	1,000	*	500	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-physical/related sciences	1,000	*	1,000	500	S
U.S. citizen	1,000	*	1,000	500	S
Native born	1,000	*	1,000	500	S
Naturalized	500	S	500	*	S
Non-U.S. citizen	500	S	500	S	S
Permanent resident	500	S	500	S	S
Temporary resident	500	S	500	S	S
Other physical/related scientists	500	500	500	S	500
U.S. citizen	500	500	*	S	500
Native born	500	500	*	S	*
Naturalized	500	*	S	S	*
Non-U.S. citizen	500	*	*	S	S
Permanent resident	*	S	S	S	S
Temporary resident	*	S	S	S	S
Social/related scientists	2,000	1,000	2,000	1,000	500
U.S. citizen	2,000	1,000	2,000	1,000	500
Native born	2,000	1,000	1,000	1,000	500
Naturalized	1,000	500	1,000	500	500
Non-U.S. citizen	1,000	500	1,000	*	*
Permanent resident	1,000	500	1,000	*	*
Temporary resident	500	500	500	S	S
Economists	500	500	500	S	500
U.S. citizen	500	500	500	S	500
Native born	500	500	500	S	500
Naturalized	500	*	*	S	*
Non-U.S. citizen	500	500	*	S	*
Permanent resident	500	*	*	S	*
Temporary resident	500	500	S	S	S
Political/related scientists	500	*	500	S	*
U.S. citizen	500	*	500	S	*
Native born	500	*	500	S	*
Naturalized	*	S	S	S	S
Non-U.S. citizen	*	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-social/related sciences	2,000	S	2,000	1,000	S
U.S. citizen	1,000	S	1,000	1,000	S
Native born	1,000	S	1,000	1,000	S
Naturalized	1,000	S	1,000	*	S
Non-U.S. citizen	1,000	S	1,000	*	S
Permanent resident	1,000	S	1,000	S	S
Temporary resident	500	S	500	S	S
Psychologists	2,000	1,000	1,000	1,000	500
U.S. citizen	1,000	1,000	1,000	1,000	500
Native born	1,000	1,000	1,000	1,000	500
Naturalized	500	500	500	*	*
Non-U.S. citizen	500	500	*	S	S
Permanent resident	500	500	*	S	S
Temporary resident	*	S	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Sociologists/anthropologists	500	500	500	S	500
U.S. citizen	500	500	500	S	500
Native born	500	500	500	S	500
Naturalized	*	S	*	S	*
Non-U.S. citizen	*	S	*	S	S
Permanent resident	*	S	*	S	S
Temporary resident	*	S	S	S	S
Other social/related scientists	1,000	500	500	*	500
U.S. citizen	1,000	500	500	*	500
Native born	500	500	500	S	500
Naturalized	500	500	*	S	S
Non-U.S. citizen	500	*	*	S	S
Permanent resident	*	*	S	S	S
Temporary resident	*	S	S	S	S
Engineers	2,000	2,000	1,000	500	1,000
U.S. citizen	2,000	1,000	1,000	500	1,000
Native born	1,000	1,000	1,000	*	1,000
Naturalized	1,000	1,000	1,000	*	500
Non-U.S. citizen	1,000	1,000	1,000	S	*
Permanent resident	1,000	1,000	500	S	*
Temporary resident	1,000	500	500	S	S
Aerospace/aeronautical/astronautical engineers	1,000	1,000	*	S	500
U.S. citizen	1,000	1,000	*	S	500
Native born	500	500	*	S	500
Naturalized	500	500	S	S	*
Non-U.S. citizen	500	500	*	S	S
Permanent resident	*	*	S	S	S
Temporary resident	*	S	S	S	S
Chemical engineers	1,000	1,000	500	S	*
U.S. citizen	500	500	*	S	*
Native born	500	500	*	S	*
Naturalized	500	500	S	S	S
Non-U.S. citizen	500	500	*	S	S
Permanent resident	500	500	S	S	S
Temporary resident	*	*	S	S	S
Civil/architectural/sanitary engineers	500	500	500	S	500
U.S. citizen	500	500	*	S	500
Native born	500	500	*	S	*
Naturalized	500	500	*	S	500
Non-U.S. citizen	500	500	*	S	S
Permanent resident	500	500	S	S	S
Temporary resident	*	*	S	S	S
Electrical/computer hardware engineers	1,000	1,000	500	S	500
U.S. citizen	1,000	1,000	500	S	500
Native born	1,000	1,000	500	S	500
Naturalized	1,000	500	500	S	*
Non-U.S. citizen	1,000	1,000	500	S	S
Permanent resident	1,000	1,000	*	S	S
Temporary resident	500	500	500	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Industrial engineers	1,000	500	*	S	S
U.S. citizen	1,000	500	*	S	S
Native born	1,000	500	S	S	S
Naturalized	*	*	S	S	S
Non-U.S. citizen	*	*	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Mechanical engineers	1,000	500	500	S	500
U.S. citizen	500	500	500	S	500
Native born	500	500	S	S	*
Naturalized	500	500	*	S	*
Non-U.S. citizen	500	500	500	S	S
Permanent resident	500	500	*	S	S
Temporary resident	500	500	*	S	S
Postsecondary teachers-engineering	1,000	S	1,000	500	S
U.S. citizen	1,000	S	1,000	500	S
Native born	1,000	S	1,000	*	S
Naturalized	1,000	S	1,000	S	S
Non-U.S. citizen	500	S	500	S	S
Permanent resident	500	S	500	S	S
Temporary resident	500	S	500	S	S
Other engineers	1,000	1,000	500	S	500
U.S. citizen	1,000	1,000	500	S	500
Native born	1,000	1,000	500	S	500
Naturalized	500	500	500	S	500
Non-U.S. citizen	1,000	500	500	S	S
Permanent resident	500	500	*	S	S
Temporary resident	500	500	500	S	S
S&E-related occupations	3,000	2,000	2,000	2,000	1,000
U.S. citizen	3,000	2,000	2,000	2,000	1,000
Native born	3,000	1,000	1,000	2,000	500
Naturalized	1,000	1,000	1,000	500	500
Non-U.S. citizen	1,000	1,000	500	*	500
Permanent resident	1,000	1,000	500	*	S
Temporary resident	500	500	500	S	S
Health-related occupations	2,000	1,000	2,000	500	1,000
U.S. citizen	2,000	1,000	2,000	500	500
Native born	2,000	1,000	1,000	500	500
Naturalized	1,000	1,000	500	S	*
Non-U.S. citizen	1,000	1,000	500	S	500
Permanent resident	1,000	1,000	500	S	S
Temporary resident	500	S	500	S	S
S&E managers	1,000	1,000	500	*	500
U.S. citizen	1,000	1,000	500	*	500
Native born	1,000	1,000	500	S	500
Naturalized	1,000	1,000	*	S	500
Non-U.S. citizen	500	500	*	S	S
Permanent resident	500	500	S	S	S
Temporary resident	*	*	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
S&E precollege teachers	2,000	S	S	2,000	S
U.S. citizen	2,000	S	S	2,000	S
Native born	2,000	S	S	2,000	S
Naturalized	500	S	S	500	S
Non-U.S. citizen	*	S	S	*	S
Permanent resident	*	S	S	*	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	500	500	500	S	*
U.S. citizen	500	500	*	S	*
Native born	500	500	*	S	S
Naturalized	500	500	S	S	S
Non-U.S. citizen	500	500	*	S	S
Permanent resident	500	500	S	S	S
Temporary resident	*	*	S	S	S
Other S&E-related occupations	500	*	S	S	S
U.S. citizen	*	*	S	S	S
Native born	*	*	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	7,000	5,000	4,000	3,000	2,000
U.S. citizen	7,000	5,000	4,000	3,000	2,000
Native born	6,000	4,000	4,000	3,000	2,000
Naturalized	2,000	2,000	1,000	1,000	500
Non-U.S. citizen	1,000	1,000	1,000	*	*
Permanent resident	1,000	1,000	1,000	S	*
Temporary resident	1,000	500	500	S	S
Art/humanities/related occupations	1,000	1,000	500	S	500
U.S. citizen	1,000	1,000	500	S	500
Native born	1,000	500	500	S	500
Naturalized	500	500	S	S	S
Non-U.S. citizen	500	500	S	S	S
Permanent resident	500	500	S	S	S
Temporary resident	S	S	S	S	S
Management-related occupations	3,000	3,000	1,000	1,000	1,000
U.S. citizen	3,000	2,000	1,000	1,000	1,000
Native born	3,000	2,000	1,000	1,000	1,000
Naturalized	1,000	1,000	*	S	500
Non-U.S. citizen	1,000	1,000	*	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	500	500	S	S	S
Non-S&E managers	3,000	2,000	2,000	2,000	1,000
U.S. citizen	3,000	2,000	2,000	2,000	1,000
Native born	3,000	2,000	1,000	2,000	1,000
Naturalized	1,000	1,000	500	*	*
Non-U.S. citizen	1,000	1,000	500	S	S
Permanent resident	1,000	1,000	500	S	S
Temporary resident	*	*	S	S	S

TABLE A-17. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Non-S&E postsecondary teachers	3,000	500	3,000	1,000	S
U.S. citizen	3,000	500	3,000	1,000	S
Native born	3,000	500	3,000	1,000	S
Naturalized	1,000	S	1,000	*	S
Non-U.S. citizen	1,000	S	1,000	S	S
Permanent resident	500	S	500	S	S
Temporary resident	500	S	500	S	S
Non-S&E precollege/other teachers	2,000	*	S	2,000	S
U.S. citizen	2,000	*	S	2,000	S
Native born	1,000	S	S	1,000	S
Naturalized	1,000	S	S	1,000	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	2,000	2,000	S	S	S
U.S. citizen	2,000	2,000	S	S	S
Native born	2,000	2,000	S	S	S
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	1,000	1,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	*	*	S	S	S
Social services/related occupations	2,000	2,000	*	1,000	500
U.S. citizen	2,000	2,000	*	1,000	500
Native born	2,000	2,000	*	1,000	500
Naturalized	500	500	S	S	S
Non-U.S. citizen	*	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	2,000	2,000	1,000	500	500
U.S. citizen	2,000	2,000	1,000	500	500
Native born	2,000	2,000	1,000	*	500
Naturalized	1,000	1,000	*	S	500
Non-U.S. citizen	1,000	1,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	S	S	S	S	S

* = standard error is not calculated when estimate is less than 500; 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/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, 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): 2006.

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
All degree levels and occupations[a]	83,000	44,000	43,000	72,000	29,000	60,000
<30	31,000	16,000	12,000	24,000	10,000	20,000
30–39	40,000	23,000	21,000	35,000	16,000	30,000
40–49	49,000	21,000	24,000	44,000	15,000	31,000
50–59	45,000	22,000	21,000	40,000	12,000	30,000
60+	29,000	11,000	13,000	24,000	7,000	20,000
S&E occupations	43,000	29,000	11,000	31,000	22,000	19,000
<30	11,000	9,000	3,000	7,000	9,000	5,000
30–39	21,000	15,000	6,000	16,000	14,000	9,000
40–49	21,000	14,000	5,000	17,000	12,000	10,000
50–59	19,000	12,000	5,000	15,000	8,000	9,000
60+	11,000	7,000	3,000	7,000	5,000	6,000
Scientists	35,000	24,000	10,000	24,000	21,000	15,000
<30	10,000	9,000	3,000	6,000	9,000	5,000
30–39	20,000	14,000	6,000	15,000	14,000	8,000
40–49	18,000	12,000	5,000	13,000	11,000	8,000
50–59	14,000	10,000	5,000	11,000	8,000	7,000
60+	8,000	5,000	3,000	5,000	4,000	4,000
Biological/agricultural/other life scientists	12,000	10,000	4,000	8,000	2,000	6,000
<30	5,000	4,000	2,000	2,000	1,000	2,000
30–39	6,000	5,000	2,000	4,000	1,000	2,000
40–49	7,000	5,000	2,000	6,000	2,000	3,000
50–59	6,000	4,000	2,000	4,000	1,000	4,000
60+	2,000	2,000	1,000	2,000	500	1,000
Agricultural/food scientists	4,000	3,000	500	4,000	500	3,000
<30	1,000	1,000	S	1,000	S	1,000
30–39	2,000	1,000	S	1,000	*	1,000
40–49	3,000	2,000	500	3,000	S	2,000
50–59	2,000	2,000	S	2,000	S	2,000
60+	1,000	1,000	S	1,000	S	*
Biological/medical scientists	10,000	9,000	2,000	6,000	2,000	5,000
<30	4,000	4,000	1,000	2,000	1,000	2,000
30–39	5,000	5,000	1,000	3,000	1,000	2,000
40–49	5,000	4,000	2,000	4,000	2,000	3,000
50–59	4,000	3,000	500	2,000	500	2,000
60+	2,000	1,000	1,000	1,000	*	1,000
Environmental life scientists	4,000	2,000	1,000	3,000	1,000	2,000
<30	1,000	500	S	500	S	500
30–39	1,000	1,000	S	1,000	S	500
40–49	2,000	1,000	S	2,000	S	1,000
50–59	3,000	1,000	S	3,000	S	2,000
60+	1,000	1,000	S	1,000	S	500
Postsecondary teachers-life/related sciences	3,000	2,000	3,000	2,000	500	1,000
<30	2,000	1,000	1,000	500	S	500
30–39	2,000	1,000	2,000	1,000	S	500
40–49	1,000	1,000	1,000	1,000	S	500
50–59	1,000	500	1,000	1,000	S	500
60+	1,000	1,000	1,000	500	S	500

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Computer/mathematical scientists	27,000	19,000	7,000	20,000	21,000	11,000
<30	8,000	6,000	2,000	5,000	8,000	3,000
30–39	17,000	11,000	4,000	13,000	14,000	6,000
40–49	14,000	10,000	3,000	11,000	11,000	6,000
50–59	11,000	7,000	3,000	9,000	8,000	5,000
60+	5,000	3,000	2,000	4,000	4,000	3,000
Computer/information scientists	27,000	17,000	5,000	19,000	21,000	11,000
<30	8,000	6,000	1,000	5,000	8,000	3,000
30–39	17,000	11,000	3,000	12,000	14,000	6,000
40–49	14,000	9,000	2,000	11,000	11,000	6,000
50–59	11,000	7,000	2,000	8,000	8,000	5,000
60+	4,000	3,000	1,000	3,000	3,000	2,000
Mathematical scientists	6,000	5,000	2,000	4,000	3,000	3,000
<30	1,000	1,000	500	1,000	1,000	1,000
30–39	3,000	3,000	1,000	2,000	2,000	1,000
40–49	3,000	2,000	S	2,000	1,000	2,000
50–59	3,000	3,000	S	2,000	1,000	2,000
60+	1,000	1,000	S	1,000	1,000	500
Postsecondary teachers-computer/ mathematical sciences	4,000	3,000	4,000	2,000	1,000	2,000
<30	1,000	1,000	1,000	500	*	1,000
30–39	3,000	2,000	2,000	1,000	1,000	1,000
40–49	2,000	1,000	2,000	1,000	500	500
50–59	2,000	1,000	2,000	1,000	500	1,000
60+	2,000	1,000	2,000	1,000	1,000	1,000
Physical/related scientists	9,000	7,000	3,000	6,000	2,000	5,000
<30	3,000	2,000	1,000	2,000	1,000	1,000
30–39	4,000	3,000	1,000	3,000	1,000	2,000
40–49	5,000	4,000	2,000	4,000	1,000	3,000
50–59	4,000	3,000	2,000	3,000	1,000	2,000
60+	2,000	2,000	1,000	1,000	500	1,000
Chemists, except biochemists	5,000	4,000	1,000	4,000	1,000	3,000
<30	2,000	2,000	500	2,000	500	1,000
30–39	3,000	2,000	500	2,000	500	2,000
40–49	3,000	2,000	1,000	3,000	*	2,000
50–59	2,000	2,000	S	2,000	500	1,000
60+	1,000	1,000	1,000	1,000	S	500
Earth/atmospheric/ocean scientists	4,000	3,000	500	3,000	1,000	3,000
<30	1,000	1,000	*	500	500	500
30–39	2,000	2,000	S	2,000	1,000	1,000
40–49	3,000	2,000	500	2,000	500	2,000
50–59	2,000	2,000	*	1,000	1,000	2,000
60+	1,000	1,000	S	500	500	1,000
Physicists/astronomers	2,000	1,000	500	1,000	1,000	1,000
<30	1,000	1,000	*	*	1,000	*
30–39	1,000	1,000	*	500	500	500
40–49	1,000	1,000	*	500	500	500
50–59	1,000	1,000	*	500	500	500
60+	500	500	S	500	500	*

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

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

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other social/related scientists	7,000	5,000	1,000	6,000	2,000	4,000
<30	2,000	1,000	S	1,000	1,000	1,000
30–39	4,000	2,000	S	4,000	1,000	2,000
40–49	3,000	2,000	*	3,000	*	2,000
50–59	3,000	3,000	S	3,000	1,000	2,000
60+	2,000	1,000	S	2,000	S	1,000
Engineers	21,000	15,000	3,000	16,000	7,000	10,000
<30	5,000	4,000	1,000	3,000	2,000	2,000
30–39	9,000	8,000	2,000	7,000	4,000	5,000
40–49	12,000	8,000	2,000	11,000	4,000	5,000
50–59	10,000	7,000	2,000	8,000	2,000	5,000
60+	7,000	5,000	1,000	5,000	2,000	4,000
Aerospace/aeronautical/astronautical engineers	5,000	4,000	500	3,000	2,000	3,000
<30	1,000	1,000	*	500	500	500
30–39	2,000	2,000	S	1,000	2,000	2,000
40–49	3,000	2,000	S	2,000	1,000	1,000
50–59	2,000	2,000	S	2,000	1,000	1,000
60+	2,000	1,000	S	1,000	500	1,000
Chemical engineers	4,000	3,000	1,000	3,000	1,000	2,000
<30	1,000	1,000	S	1,000	500	1,000
30–39	2,000	2,000	S	1,000	500	1,000
40–49	3,000	2,000	S	2,000	500	1,000
50–59	2,000	1,000	S	1,000	500	1,000
60+	1,000	1,000	S	1,000	S	1,000
Civil/architectural/sanitary engineers	8,000	5,000	500	7,000	2,000	4,000
<30	2,000	2,000	S	1,000	1,000	1,000
30–39	4,000	3,000	S	4,000	1,000	2,000
40–49	4,000	3,000	S	4,000	1,000	2,000
50–59	3,000	3,000	S	3,000	1,000	2,000
60+	3,000	2,000	S	2,000	1,000	2,000
Electrical/computer hardware engineers	9,000	7,000	1,000	7,000	4,000	4,000
<30	2,000	2,000	500	2,000	1,000	1,000
30–39	5,000	4,000	S	4,000	2,000	2,000
40–49	5,000	4,000	1,000	4,000	3,000	2,000
50–59	4,000	3,000	S	3,000	2,000	2,000
60+	2,000	2,000	S	2,000	1,000	1,000
Industrial engineers	6,000	4,000	1,000	5,000	2,000	3,000
<30	1,000	1,000	*	1,000	500	500
30–39	3,000	3,000	1,000	3,000	1,000	2,000
40–49	4,000	3,000	S	3,000	1,000	2,000
50–59	2,000	2,000	S	2,000	500	1,000
60+	1,000	1,000	S	1,000	S	1,000
Mechanical engineers	8,000	6,000	1,000	6,000	2,000	4,000
<30	2,000	2,000	500	1,000	1,000	1,000
30–39	4,000	4,000	S	3,000	1,000	2,000
40–49	5,000	4,000	500	4,000	1,000	2,000
50–59	4,000	3,000	1,000	3,000	1,000	2,000
60+	3,000	2,000	S	2,000	500	1,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-engineering	2,000	1,000	2,000	1,000	500	1,000
<30	1,000	500	1,000	500	500	*
30–39	1,000	1,000	1,000	500	S	*
40–49	1,000	1,000	1,000	500	*	1,000
50–59	1,000	1,000	1,000	1,000	*	500
60+	1,000	1,000	1,000	500	S	1,000
Other engineers	11,000	7,000	2,000	9,000	3,000	6,000
<30	2,000	2,000	500	2,000	1,000	1,000
30–39	5,000	4,000	1,000	4,000	2,000	3,000
40–49	7,000	4,000	1,000	6,000	2,000	3,000
50–59	5,000	3,000	1,000	4,000	1,000	3,000
60+	3,000	2,000	S	3,000	500	2,000
S&E-related occupations	45,000	23,000	31,000	32,000	11,000	35,000
<30	15,000	7,000	8,000	9,000	3,000	13,000
30–39	22,000	13,000	15,000	19,000	5,000	19,000
40–49	23,000	12,000	16,000	20,000	7,000	19,000
50–59	24,000	11,000	15,000	18,000	7,000	17,000
60+	13,000	6,000	9,000	9,000	2,000	11,000
Health-related occupations	35,000	16,000	23,000	27,000	6,000	33,000
<30	13,000	5,000	6,000	7,000	1,000	12,000
30–39	19,000	10,000	12,000	15,000	2,000	19,000
40–49	19,000	8,000	12,000	16,000	4,000	19,000
50–59	18,000	7,000	11,000	13,000	4,000	16,000
60+	11,000	3,000	6,000	8,000	1,000	10,000
S&E managers	13,000	6,000	2,000	13,000	5,000	6,000
<30	2,000	2,000	S	2,000	S	1,000
30–39	6,000	4,000	S	6,000	3,000	3,000
40–49	8,000	4,000	500	7,000	3,000	3,000
50–59	8,000	3,000	1,000	8,000	2,000	3,000
60+	11,000	3,000	6,000	8,000	1,000	10,000
S&E precollege teachers	19,000	9,000	19,000	13,000	4,000	6,000
<30	5,000	2,000	5,000	3,000	1,000	2,000
30–39	11,000	5,000	11,000	7,000	1,000	3,000
40–49	10,000	4,000	10,000	6,000	3,000	2,000
50–59	9,000	4,000	9,000	6,000	2,000	3,000
60+	5,000	2,000	5,000	4,000	1,000	3,000
S&E technicians/technologists	13,000	10,000	2,000	9,000	7,000	7,000
<30	4,000	3,000	500	2,000	2,000	2,000
30–39	6,000	5,000	S	4,000	4,000	4,000
40–49	7,000	5,000	1,000	5,000	4,000	4,000
50–59	7,000	5,000	1,000	4,000	4,000	4,000
60+	3,000	2,000	S	2,000	1,000	2,000
Other S&E-related occupations	9,000	8,000	S	8,000	3,000	6,000
<30	2,000	2,000	S	1,000	1,000	1,000
30–39	6,000	4,000	S	5,000	2,000	4,000
40–49	5,000	4,000	S	5,000	1,000	4,000
50–59	5,000	3,000	S	4,000	2,000	3,000
60+	3,000	3,000	S	3,000	S	3,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Non-S&E occupations	73,000	29,000	29,000	67,000	13,000	45,000
<30	22,000	8,000	8,000	20,000	3,000	13,000
30–39	36,000	15,000	14,000	32,000	5,000	21,000
40–49	42,000	14,000	17,000	38,000	8,000	23,000
50–59	38,000	15,000	14,000	36,000	7,000	24,000
60+	23,000	8,000	8,000	20,000	4,000	15,000
Art/humanities/related occupations	15,000	8,000	4,000	11,000	2,000	10,000
<30	4,000	2,000	1,000	3,000	1,000	3,000
30–39	8,000	4,000	2,000	6,000	2,000	5,000
40–49	7,000	4,000	2,000	6,000	1,000	5,000
50–59	7,000	4,000	S	6,000	1,000	5,000
60+	5,000	2,000	2,000	4,000	S	4,000
Management-related occupations	31,000	12,000	6,000	29,000	6,000	16,000
<30	7,000	4,000	1,000	7,000	2,000	4,000
30–39	16,000	6,000	3,000	15,000	3,000	8,000
40–49	16,000	6,000	3,000	15,000	4,000	9,000
50–59	16,000	7,000	3,000	16,000	3,000	8,000
60+	9,000	4,000	2,000	8,000	2,000	6,000
Non-S&E managers	26,000	8,000	4,000	26,000	5,000	12,000
<30	3,000	1,000	1,000	3,000	S	1,000
30–39	11,000	4,000	2,000	11,000	2,000	5,000
40–49	16,000	4,000	2,000	16,000	3,000	8,000
50–59	16,000	5,000	3,000	16,000	3,000	6,000
60+	8,000	3,000	1,000	8,000	1,000	4,000
Non-S&E postsecondary teachers	7,000	4,000	7,000	5,000	1,000	3,000
<30	2,000	2,000	2,000	1,000	500	1,000
30–39	3,000	2,000	3,000	2,000	S	1,000
40–49	4,000	1,000	4,000	4,000	S	1,000
50–59	4,000	2,000	4,000	2,000	S	2,000
60+	2,000	1,000	2,000	1,000	S	1,000
Non-S&E precollege/other teachers	23,000	9,000	22,000	14,000	3,000	9,000
<30	6,000	3,000	6,000	4,000	S	2,000
30–39	11,000	5,000	11,000	7,000	500	4,000
40–49	13,000	5,000	12,000	8,000	2,000	5,000
50–59	12,000	5,000	11,000	8,000	1,000	5,000
60+	6,000	2,000	6,000	4,000	2,000	2,000
Sales/marketing occupations	32,000	13,000	6,000	31,000	5,000	16,000
<30	8,000	3,000	2,000	8,000	1,000	3,000
30–39	19,000	8,000	4,000	19,000	3,000	8,000
40–49	16,000	6,000	3,000	16,000	4,000	7,000
50–59	17,000	5,000	2,000	16,000	2,000	9,000
60+	10,000	4,000	2,000	10,000	1,000	5,000
Social services/related occupations	18,000	6,000	9,000	13,000	3,000	16,000
<30	6,000	2,000	3,000	5,000	1,000	6,000
30–39	10,000	4,000	5,000	7,000	1,000	9,000
40–49	9,000	2,000	4,000	6,000	1,000	7,000
50–59	10,000	3,000	5,000	7,000	2,000	8,000
60+	5,000	2,000	3,000	4,000	S	5,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other non-S&E occupations	45,000	17,000	13,000	37,000	8,000	31,000
<30	15,000	5,000	4,000	12,000	2,000	10,000
30–39	21,000	8,000	6,000	18,000	2,000	14,000
40–49	24,000	9,000	6,000	20,000	5,000	16,000
50–59	23,000	8,000	7,000	20,000	5,000	16,000
60+	14,000	4,000	4,000	11,000	2,000	10,000
Bachelor's degrees, all occupations	70,000	36,000	31,000	59,000	23,000	47,000
<30	29,000	13,000	9,000	23,000	9,000	17,000
30–39	35,000	20,000	17,000	31,000	13,000	25,000
40–49	38,000	17,000	17,000	35,000	12,000	26,000
50–59	33,000	17,000	14,000	30,000	10,000	21,000
60+	19,000	7,000	8,000	16,000	4,000	13,000
S&E occupations	32,000	23,000	7,000	23,000	18,000	14,000
<30	10,000	8,000	3,000	7,000	8,000	4,000
30–39	18,000	14,000	4,000	14,000	12,000	8,000
40–49	16,000	11,000	3,000	13,000	11,000	8,000
50–59	14,000	9,000	3,000	12,000	7,000	7,000
60+	7,000	4,000	2,000	5,000	4,000	4,000
Scientists	26,000	20,000	7,000	18,000	18,000	11,000
<30	9,000	8,000	3,000	6,000	8,000	4,000
30–39	17,000	12,000	4,000	12,000	12,000	6,000
40–49	14,000	9,000	3,000	10,000	10,000	6,000
50–59	11,000	8,000	3,000	9,000	7,000	6,000
60+	4,000	3,000	2,000	3,000	3,000	2,000
Biological/agricultural/other life scientists	9,000	7,000	3,000	7,000	2,000	5,000
<30	4,000	4,000	2,000	2,000	500	2,000
30–39	5,000	4,000	2,000	3,000	1,000	2,000
40–49	5,000	3,000	1,000	4,000	1,000	3,000
50–59	5,000	3,000	1,000	3,000	1,000	3,000
60+	1,000	1,000	S	1,000	S	1,000
Agricultural/food scientists	4,000	3,000	500	4,000	S	3,000
<30	1,000	1,000	S	1,000	S	1,000
30–39	1,000	1,000	S	1,000	S	1,000
40–49	3,000	2,000	S	3,000	S	2,000
50–59	2,000	1,000	S	2,000	S	1,000
60+	1,000	S	S	1,000	S	S
Biological/medical scientists	8,000	7,000	2,000	5,000	1,000	4,000
<30	4,000	3,000	1,000	2,000	500	2,000
30–39	5,000	4,000	1,000	3,000	S	2,000
40–49	4,000	3,000	1,000	3,000	1,000	2,000
50–59	3,000	2,000	S	2,000	S	2,000
60+	1,000	1,000	S	500	S	1,000
Environmental life scientists	3,000	1,000	1,000	3,000	1,000	2,000
<30	500	500	S	500	S	500
30–39	1,000	500	S	1,000	S	500
40–49	2,000	1,000	S	2,000	S	1,000
50–59	3,000	1,000	S	2,000	S	2,000
60+	500	S	S	500	S	S

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-life/related sciences	2,000	1,000	2,000	1,000	S	500
<30	1,000	1,000	1,000	500	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Computer/mathematical scientists	23,000	16,000	5,000	16,000	18,000	9,000
<30	7,000	6,000	2,000	5,000	8,000	3,000
30–39	15,000	11,000	3,000	10,000	12,000	6,000
40–49	12,000	8,000	2,000	9,000	10,000	5,000
50–59	9,000	6,000	2,000	7,000	7,000	4,000
60+	4,000	2,000	1,000	2,000	3,000	2,000
Computer/information scientists	23,000	15,000	4,000	16,000	18,000	9,000
<30	7,000	5,000	1,000	4,000	8,000	2,000
30–39	14,000	10,000	2,000	10,000	12,000	6,000
40–49	12,000	8,000	2,000	9,000	10,000	5,000
50–59	9,000	5,000	2,000	7,000	7,000	4,000
60+	3,000	2,000	1,000	2,000	3,000	2,000
Mathematical scientists	4,000	3,000	S	3,000	3,000	2,000
<30	1,000	1,000	S	1,000	1,000	500
30–39	3,000	2,000	S	2,000	2,000	S
40–49	2,000	1,000	S	1,000	1,000	S
50–59	2,000	2,000	S	1,000	1,000	1,000
60+	500	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	3,000	2,000	2,000	1,000	500	1,000
<30	1,000	500	1,000	500	S	1,000
30–39	2,000	S	2,000	S	S	S
40–49	1,000	S	1,000	S	S	S
50–59	1,000	S	1,000	S	S	S
60+	1,000	S	1,000	S	S	S
Physical/related scientists	7,000	5,000	2,000	5,000	1,000	4,000
<30	3,000	2,000	1,000	2,000	1,000	1,000
30–39	3,000	3,000	500	3,000	500	2,000
40–49	4,000	3,000	2,000	3,000	1,000	3,000
50–59	3,000	3,000	2,000	3,000	500	2,000
60+	1,000	1,000	S	1,000	S	500
Chemists, except biochemists	5,000	4,000	1,000	4,000	1,000	3,000
<30	2,000	2,000	500	1,000	500	1,000
30–39	3,000	2,000	S	2,000	S	2,000
40–49	3,000	2,000	S	2,000	S	2,000
50–59	2,000	2,000	S	2,000	S	1,000
60+	1,000	1,000	S	1,000	S	500
Earth/atmospheric/ocean scientists	3,000	3,000	500	2,000	1,000	2,000
<30	1,000	1,000	*	500	*	500
30–39	2,000	2,000	S	1,000	S	1,000
40–49	2,000	1,000	S	1,000	S	2,000
50–59	2,000	2,000	S	1,000	S	1,000
60+	500	500	S	S	S	S

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Physicists/astronomers	1,000	1,000	*	500	500	500
<30	500	500	*	S	500	*
30–39	1,000	1,000	S	S	S	S
40–49	500	S	S	S	S	S
50–59	500	500	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	2,000	1,000	2,000	1,000	S	1,000
<30	1,000	500	1,000	500	S	500
30–39	500	*	500	*	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other physical/related scientists	3,000	2,000	S	3,000	1,000	2,000
<30	1,000	1,000	S	1,000	*	1,000
30–39	2,000	1,000	S	1,000	S	1,000
40–49	2,000	1,000	S	1,000	S	1,000
50–59	2,000	1,000	S	2,000	S	1,000
60+	S	S	S	S	S	S
Social/related scientists	7,000	5,000	3,000	5,000	1,000	4,000
<30	4,000	3,000	1,000	2,000	1,000	2,000
30–39	5,000	2,000	2,000	4,000	S	2,000
40–49	3,000	2,000	S	2,000	S	2,000
50–59	3,000	2,000	S	2,000	S	2,000
60+	1,000	500	S	1,000	S	1,000
Economists	2,000	1,000	S	1,000	500	1,000
<30	1,000	1,000	S	1,000	500	S
30–39	S	S	S	S	S	S
40–49	1,000	S	S	S	S	S
50–59	1,000	S	S	S	S	S
60+	S	S	S	S	S	S
Political/related scientists	2,000	2,000	S	2,000	S	1,000
<30	2,000	2,000	S	1,000	S	1,000
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	3,000	1,000	3,000	1,000	S	S
<30	1,000	1,000	1,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Psychologists	3,000	2,000	1,000	1,000	S	2,000
<30	2,000	2,000	1,000	1,000	S	1,000
30–39	1,000	S	S	1,000	S	1,000
40–49	2,000	S	S	S	S	1,000
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

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

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Mechanical engineers	6,000	5,000	1,000	5,000	1,000	3,000
<30	2,000	2,000	S	1,000	500	1,000
30–39	4,000	4,000	S	3,000	1,000	2,000
40–49	4,000	3,000	S	4,000	1,000	2,000
50–59	3,000	3,000	S	3,000	1,000	1,000
60+	2,000	2,000	S	2,000	500	1,000
Postsecondary teachers-engineering	1,000	1,000	1,000	1,000	500	*
<30	500	500	500	500	*	*
30–39	S	S	S	S	S	S
40–49	500	S	S	S	S	S
50–59	1,000	S	1,000	S	S	S
60+	500	S	500	S	S	S
Other engineers	9,000	6,000	2,000	8,000	3,000	5,000
<30	2,000	2,000	500	2,000	500	1,000
30–39	4,000	3,000	1,000	3,000	2,000	3,000
40–49	6,000	4,000	1,000	5,000	2,000	3,000
50–59	4,000	3,000	1,000	3,000	1,000	2,000
60+	3,000	2,000	S	2,000	S	2,000
S&E-related occupations	35,000	18,000	22,000	28,000	10,000	27,000
<30	12,000	6,000	6,000	7,000	3,000	10,000
30–39	18,000	11,000	11,000	15,000	5,000	16,000
40–49	20,000	10,000	13,000	18,000	6,000	16,000
50–59	19,000	8,000	11,000	15,000	6,000	13,000
60+	9,000	4,000	6,000	7,000	2,000	8,000
Health-related occupations	29,000	12,000	17,000	22,000	5,000	26,000
<30	10,000	4,000	5,000	6,000	1,000	10,000
30–39	17,000	8,000	10,000	12,000	2,000	15,000
40–49	16,000	6,000	10,000	14,000	3,000	15,000
50–59	15,000	5,000	8,000	11,000	4,000	13,000
60+	7,000	3,000	4,000	5,000	S	7,000
S&E managers	10,000	5,000	1,000	10,000	4,000	4,000
<30	2,000	2,000	S	2,000	S	500
30–39	5,000	3,000	S	4,000	2,000	2,000
40–49	6,000	3,000	S	6,000	2,000	2,000
50–59	6,000	2,000	S	6,000	2,000	2,000
60+	7,000	3,000	S	5,000	S	7,000
S&E precollege teachers	12,000	6,000	12,000	8,000	3,000	4,000
<30	4,000	2,000	4,000	3,000	1,000	2,000
30–39	8,000	4,000	7,000	5,000	1,000	2,000
40–49	7,000	3,000	7,000	4,000	2,000	1,000
50–59	6,000	2,000	6,000	4,000	1,000	2,000
60+	4,000	2,000	4,000	3,000	S	2,000
S&E technicians/technologists	11,000	9,000	1,000	8,000	6,000	7,000
<30	4,000	3,000	500	2,000	2,000	2,000
30–39	6,000	4,000	S	4,000	3,000	3,000
40–49	7,000	5,000	1,000	5,000	3,000	4,000
50–59	7,000	4,000	1,000	4,000	4,000	4,000
60+	2,000	2,000	S	2,000	1,000	2,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other S&E-related occupations	8,000	7,000	S	8,000	3,000	5,000
<30	2,000	2,000	S	1,000	1,000	500
30–39	5,000	3,000	S	4,000	2,000	3,000
40–49	5,000	4,000	S	4,000	1,000	4,000
50–59	4,000	3,000	S	4,000	2,000	3,000
60+	2,000	2,000	S	2,000	S	2,000
Non-S&E occupations	61,000	23,000	23,000	53,000	11,000	33,000
<30	20,000	8,000	6,000	18,000	3,000	11,000
30–39	32,000	12,000	13,000	28,000	4,000	17,000
40–49	33,000	11,000	11,000	31,000	6,000	20,000
50–59	28,000	11,000	10,000	26,000	6,000	17,000
60+	16,000	5,000	5,000	14,000	2,000	10,000
Art/humanities/related occupations	11,000	6,000	3,000	10,000	2,000	7,000
<30	3,000	2,000	1,000	3,000	S	3,000
30–39	6,000	4,000	S	5,000	S	4,000
40–49	6,000	3,000	S	6,000	S	4,000
50–59	6,000	3,000	S	5,000	S	4,000
60+	3,000	S	S	3,000	S	3,000
Management-related occupations	25,000	9,000	5,000	24,000	5,000	13,000
<30	7,000	3,000	1,000	7,000	2,000	3,000
30–39	14,000	5,000	3,000	14,000	3,000	8,000
40–49	12,000	4,000	2,000	12,000	3,000	7,000
50–59	13,000	5,000	2,000	12,000	2,000	6,000
60+	7,000	2,000	S	6,000	S	4,000
Non-S&E managers	19,000	6,000	2,000	19,000	4,000	9,000
<30	2,000	1,000	S	2,000	S	1,000
30–39	9,000	4,000	S	8,000	2,000	4,000
40–49	12,000	4,000	S	12,000	2,000	6,000
50–59	11,000	3,000	1,000	11,000	3,000	5,000
60+	6,000	2,000	S	6,000	S	3,000
Non-S&E postsecondary teachers	4,000	2,000	3,000	2,000	S	2,000
<30	2,000	1,000	2,000	1,000	S	500
30–39	1,000	S	1,000	500	S	S
40–49	2,000	S	2,000	2,000	S	S
50–59	2,000	1,000	2,000	1,000	S	S
60+	1,000	S	1,000	S	S	S
Non-S&E precollege/other teachers	18,000	7,000	17,000	10,000	2,000	6,000
<30	5,000	3,000	5,000	3,000	S	2,000
30–39	8,000	4,000	8,000	5,000	S	3,000
40–49	9,000	4,000	9,000	6,000	2,000	4,000
50–59	9,000	4,000	8,000	6,000	S	3,000
60+	4,000	S	3,000	1,000	S	2,000
Sales/marketing occupations	29,000	12,000	5,000	28,000	4,000	12,000
<30	8,000	3,000	2,000	8,000	1,000	3,000
30–39	17,000	7,000	4,000	17,000	2,000	6,000
40–49	14,000	6,000	2,000	14,000	4,000	6,000
50–59	14,000	5,000	1,000	14,000	2,000	7,000
60+	8,000	3,000	S	8,000	S	3,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Social services/related occupations	12,000	4,000	5,000	9,000	2,000	10,000
<30	5,000	2,000	2,000	4,000	1,000	5,000
30–39	7,000	3,000	3,000	6,000	S	6,000
40–49	6,000	1,000	2,000	5,000	1,000	5,000
50–59	6,000	1,000	2,000	4,000	S	5,000
60+	2,000	S	1,000	2,000	S	2,000
Other non-S&E occupations	36,000	12,000	11,000	30,000	7,000	24,000
<30	14,000	4,000	3,000	11,000	2,000	9,000
30–39	17,000	6,000	6,000	15,000	2,000	11,000
40–49	19,000	7,000	5,000	17,000	4,000	14,000
50–59	19,000	7,000	5,000	17,000	4,000	13,000
60+	11,000	3,000	3,000	9,000	2,000	8,000
Master's degrees, all occupations	46,000	23,000	27,000	42,000	13,000	29,000
<30	11,000	6,000	6,000	7,000	3,000	7,000
30–39	23,000	13,000	13,000	19,000	7,000	14,000
40–49	27,000	12,000	13,000	23,000	8,000	15,000
50–59	26,000	13,000	16,000	23,000	6,000	17,000
60+	18,000	8,000	7,000	14,000	4,000	12,000
S&E occupations	20,000	14,000	6,000	15,000	10,000	10,000
<30	5,000	4,000	1,000	3,000	3,000	2,000
30–39	10,000	7,000	3,000	8,000	6,000	5,000
40–49	10,000	8,000	3,000	9,000	6,000	6,000
50–59	9,000	7,000	3,000	7,000	5,000	5,000
60+	7,000	4,000	3,000	4,000	2,000	3,000
Scientists	17,000	11,000	6,000	12,000	10,000	8,000
<30	4,000	4,000	1,000	3,000	3,000	2,000
30–39	9,000	6,000	3,000	7,000	6,000	4,000
40–49	9,000	7,000	3,000	7,000	5,000	5,000
50–59	8,000	5,000	3,000	5,000	5,000	4,000
60+	5,000	3,000	2,000	3,000	2,000	3,000
Biological/agricultural/other life scientists	5,000	5,000	2,000	3,000	1,000	2,000
<30	2,000	1,000	500	1,000	1,000	1,000
30–39	3,000	2,000	1,000	2,000	500	1,000
40–49	3,000	3,000	1,000	2,000	S	1,000
50–59	3,000	2,000	1,000	2,000	S	1,000
60+	1,000	1,000	500	1,000	S	500
Agricultural/food scientists	2,000	2,000	S	2,000	S	1,000
<30	1,000	500	S	500	S	S
30–39	1,000	1,000	S	500	S	500
40–49	1,000	1,000	S	1,000	S	S
50–59	1,000	1,000	S	1,000	S	S
60+	S	S	S	S	S	S
Biological/medical scientists	4,000	4,000	1,000	3,000	1,000	2,000
<30	1,000	1,000	S	500	1,000	1,000
30–39	2,000	2,000	500	1,000	500	1,000
40–49	3,000	3,000	S	2,000	S	1,000
50–59	2,000	1,000	S	1,000	S	1,000
60+	1,000	1,000	S	1,000	S	500

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

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

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Earth/atmospheric/ocean scientists	2,000	2,000	500	2,000	1,000	2,000
<30	500	500	S	500	*	500
30–39	1,000	1,000	S	1,000	1,000	500
40–49	2,000	1,000	S	1,000	500	1,000
50–59	1,000	1,000	S	1,000	S	1,000
60+	1,000	1,000	S	500	S	S
Physicists/astronomers	1,000	1,000	*	500	500	500
<30	500	500	S	S	500	S
30–39	500	500	S	*	*	500
40–49	500	500	S	S	S	S
50–59	500	500	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	2,000	1,000	2,000	1,000	S	S
<30	500	500	500	S	S	S
30–39	1,000	500	1,000	500	S	S
40–49	1,000	S	1,000	S	S	S
50–59	1,000	S	1,000	1,000	S	S
60+	1,000	S	1,000	S	S	S
Other physical/related scientists	2,000	1,000	S	1,000	S	1,000
<30	500	500	S	S	S	S
30–39	1,000	500	S	500	S	500
40–49	1,000	1,000	S	1,000	S	S
50–59	1,000	1,000	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	9,000	6,000	3,000	6,000	2,000	6,000
<30	2,000	2,000	1,000	1,000	500	1,000
30–39	5,000	3,000	2,000	3,000	1,000	3,000
40–49	5,000	3,000	2,000	4,000	2,000	3,000
50–59	4,000	3,000	1,000	3,000	1,000	3,000
60+	2,000	1,000	1,000	1,000	S	2,000
Economists	3,000	2,000	S	2,000	2,000	2,000
<30	1,000	500	S	1,000	S	S
30–39	1,000	1,000	S	1,000	S	1,000
40–49	2,000	2,000	S	1,000	S	1,000
50–59	1,000	1,000	S	1,000	S	1,000
60+	500	S	S	S	S	S
Political/related scientists	2,000	2,000	S	2,000	S	1,000
<30	500	500	S	S	S	S
30–39	1,000	1,000	S	500	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	3,000	2,000	3,000	2,000	S	1,000
<30	1,000	1,000	1,000	500	S	500
30–39	2,000	1,000	2,000	1,000	S	*
40–49	1,000	1,000	1,000	1,000	S	S
50–59	1,000	1,000	1,000	1,000	S	1,000
60+	1,000	1,000	1,000	S	S	S

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Psychologists	5,000	3,000	2,000	3,000	500	5,000
<30	2,000	1,000	500	1,000	S	1,000
30–39	3,000	2,000	1,000	2,000	S	2,000
40–49	2,000	1,000	500	1,000	S	2,000
50–59	3,000	1,000	1,000	2,000	S	3,000
60+	1,000	1,000	1,000	1,000	S	1,000
Sociologists/anthropologists	2,000	2,000	500	1,000	S	500
<30	500	500	S	S	S	S
30–39	1,000	1,000	S	500	S	S
40–49	1,000	1,000	S	S	S	S
50–59	1,000	1,000	S	500	S	S
60+	500	S	S	S	S	S
Other social/related scientists	4,000	3,000	S	4,000	1,000	3,000
<30	1,000	1,000	S	1,000	500	500
30–39	2,000	1,000	S	2,000	S	2,000
40–49	2,000	1,000	S	2,000	S	1,000
50–59	2,000	2,000	S	2,000	S	1,000
60+	1,000	S	S	1,000	S	S
Engineers	10,000	8,000	2,000	8,000	3,000	5,000
<30	2,000	2,000	1,000	1,000	1,000	1,000
30–39	5,000	4,000	1,000	4,000	2,000	2,000
40–49	5,000	4,000	1,000	5,000	2,000	3,000
50–59	5,000	4,000	1,000	5,000	1,000	3,000
60+	4,000	3,000	1,000	3,000	1,000	1,000
Aerospace/aeronautical/astronautical engineers	2,000	2,000	500	2,000	1,000	1,000
<30	500	500	S	500	500	*
30–39	1,000	1,000	S	1,000	500	500
40–49	2,000	1,000	S	1,000	500	1,000
50–59	1,000	1,000	S	1,000	500	S
60+	1,000	1,000	S	1,000	S	S
Chemical engineers	2,000	2,000	S	1,000	1,000	1,000
<30	500	500	S	500	S	500
30–39	1,000	1,000	S	1,000	S	500
40–49	1,000	1,000	S	1,000	S	1,000
50–59	1,000	1,000	S	1,000	S	500
60+	500	500	S	S	S	S
Civil/architectural/sanitary engineers	4,000	3,000	*	4,000	1,000	2,000
<30	1,000	1,000	S	1,000	500	500
30–39	2,000	2,000	S	2,000	500	1,000
40–49	2,000	1,000	S	2,000	S	1,000
50–59	2,000	2,000	S	2,000	S	1,000
60+	1,000	1,000	S	1,000	500	1,000
Electrical/computer hardware engineers	5,000	4,000	1,000	4,000	2,000	2,000
<30	1,000	1,000	S	1,000	1,000	1,000
30–39	3,000	3,000	S	2,000	1,000	1,000
40–49	3,000	2,000	S	2,000	1,000	1,000
50–59	3,000	2,000	S	2,000	1,000	1,000
60+	2,000	1,000	S	1,000	1,000	1,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Industrial engineers	3,000	2,000	1,000	2,000	500	2,000
<30	500	500	S	500	500	*
30–39	1,000	1,000	S	1,000	*	1,000
40–49	2,000	2,000	S	1,000	S	1,000
50–59	1,000	1,000	S	1,000	S	S
60+	1,000	500	S	1,000	S	S
Mechanical engineers	4,000	3,000	500	3,000	1,000	1,000
<30	1,000	1,000	S	500	500	500
30–39	2,000	2,000	S	1,000	1,000	1,000
40–49	2,000	2,000	S	2,000	500	1,000
50–59	2,000	2,000	S	2,000	500	1,000
60+	2,000	1,000	S	2,000	S	1,000
Postsecondary teachers-engineering	1,000	1,000	1,000	500	*	1,000
<30	500	500	500	S	S	S
30–39	1,000	S	1,000	S	S	S
40–49	1,000	1,000	1,000	S	S	S
50–59	500	S	500	S	S	S
60+	1,000	500	1,000	S	S	S
Other engineers	5,000	3,000	500	5,000	1,000	3,000
<30	1,000	1,000	S	500	500	500
30–39	2,000	2,000	*	2,000	500	1,000
40–49	3,000	1,000	S	3,000	1,000	2,000
50–59	3,000	2,000	S	2,000	500	2,000
60+	2,000	1,000	S	1,000	S	500
S&E-related occupations	24,000	11,000	18,000	16,000	5,000	16,000
<30	6,000	3,000	4,000	3,000	1,000	5,000
30–39	12,000	6,000	10,000	8,000	3,000	8,000
40–49	13,000	6,000	9,000	10,000	3,000	9,000
50–59	13,000	6,000	9,000	9,000	3,000	9,000
60+	8,000	3,000	5,000	5,000	1,000	5,000
Health-related occupations	15,000	7,000	10,000	11,000	2,000	15,000
<30	5,000	2,000	2,000	2,000	S	5,000
30–39	8,000	4,000	5,000	6,000	S	7,000
40–49	9,000	4,000	5,000	6,000	1,000	9,000
50–59	9,000	4,000	6,000	6,000	2,000	8,000
60+	5,000	1,000	3,000	4,000	S	5,000
S&E managers	8,000	4,000	S	8,000	3,000	3,000
<30	1,000	1,000	S	1,000	S	S
30–39	3,000	2,000	S	3,000	2,000	2,000
40–49	4,000	2,000	S	4,000	2,000	2,000
50–59	5,000	2,000	S	5,000	1,000	2,000
60+	5,000	S	S	4,000	S	S
S&E precollege teachers	14,000	6,000	14,000	8,000	2,000	4,000
<30	3,000	2,000	3,000	2,000	S	2,000
30–39	8,000	3,000	8,000	4,000	1,000	2,000
40–49	7,000	3,000	7,000	5,000	S	1,000
50–59	7,000	4,000	7,000	4,000	2,000	2,000
60+	4,000	2,000	4,000	3,000	S	2,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
S&E technicians/technologists	5,000	3,000	1,000	3,000	3,000	2,000
<30	1,000	1,000	S	500	1,000	500
30–39	2,000	2,000	S	2,000	2,000	1,000
40–49	2,000	1,000	S	2,000	2,000	1,000
50–59	2,000	2,000	S	1,000	1,000	1,000
60+	2,000	1,000	S	2,000	1,000	1,000
Other S&E-related occupations	5,000	5,000	S	4,000	1,000	3,000
<30	1,000	500	S	S	S	S
30–39	3,000	3,000	S	3,000	S	2,000
40–49	2,000	2,000	S	2,000	S	2,000
50–59	2,000	2,000	S	2,000	S	2,000
60+	2,000	2,000	S	1,000	S	2,000
Non-S&E occupations	41,000	17,000	19,000	37,000	6,000	25,000
<30	8,000	4,000	5,000	6,000	1,000	5,000
30–39	18,000	9,000	9,000	16,000	3,000	11,000
40–49	22,000	8,000	10,000	19,000	4,000	11,000
50–59	21,000	9,000	11,000	20,000	3,000	13,000
60+	15,000	6,000	5,000	13,000	3,000	10,000
Art/humanities/related occupations	8,000	5,000	2,000	6,000	1,000	5,000
<30	1,000	1,000	S	1,000	S	1,000
30–39	4,000	2,000	S	3,000	S	3,000
40–49	4,000	3,000	S	3,000	S	3,000
50–59	3,000	2,000	S	3,000	S	2,000
60+	3,000	1,000	S	2,000	S	3,000
Management-related occupations	17,000	8,000	3,000	16,000	4,000	9,000
<30	3,000	2,000	500	3,000	1,000	2,000
30–39	9,000	4,000	1,000	9,000	2,000	4,000
40–49	10,000	5,000	1,000	9,000	3,000	4,000
50–59	9,000	4,000	2,000	9,000	1,000	5,000
60+	6,000	2,000	S	5,000	S	4,000
Non-S&E managers	18,000	5,000	4,000	18,000	3,000	7,000
<30	2,000	S	S	2,000	S	500
30–39	7,000	2,000	1,000	7,000	1,000	3,000
40–49	10,000	3,000	1,000	10,000	1,000	3,000
50–59	10,000	4,000	3,000	10,000	2,000	4,000
60+	5,000	2,000	S	5,000	S	3,000
Non-S&E postsecondary teachers	5,000	3,000	4,000	3,000	S	2,000
<30	1,000	1,000	1,000	500	S	1,000
30–39	2,000	2,000	2,000	1,000	S	1,000
40–49	3,000	1,000	3,000	2,000	S	1,000
50–59	3,000	2,000	3,000	2,000	S	1,000
60+	1,000	1,000	1,000	1,000	S	1,000
Non-S&E precollege/other teachers	15,000	6,000	15,000	10,000	2,000	6,000
<30	4,000	2,000	4,000	3,000	S	1,000
30–39	8,000	3,000	8,000	5,000	S	3,000
40–49	8,000	3,000	7,000	5,000	S	3,000
50–59	9,000	3,000	8,000	6,000	1,000	4,000
60+	5,000	2,000	5,000	4,000	S	2,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Sales/marketing occupations	15,000	5,000	2,000	14,000	2,000	8,000
<30	2,000	1,000	S	2,000	S	1,000
30–39	7,000	3,000	S	7,000	2,000	4,000
40–49	6,000	2,000	1,000	6,000	1,000	3,000
50–59	8,000	3,000	2,000	8,000	1,000	5,000
60+	7,000	2,000	S	6,000	S	4,000
Social services/related occupations	13,000	4,000	7,000	10,000	2,000	11,000
<30	4,000	1,000	1,000	2,000	S	4,000
30–39	7,000	3,000	4,000	5,000	S	7,000
40–49	6,000	2,000	4,000	4,000	S	6,000
50–59	8,000	2,000	5,000	6,000	S	7,000
60+	4,000	1,000	2,000	3,000	S	4,000
Other non-S&E occupations	18,000	7,000	6,000	15,000	3,000	11,000
<30	3,000	2,000	2,000	3,000	500	2,000
30–39	9,000	4,000	2,000	7,000	1,000	6,000
40–49	10,000	4,000	3,000	8,000	2,000	6,000
50–59	9,000	4,000	4,000	7,000	1,000	6,000
60+	7,000	3,000	2,000	6,000	S	5,000
Doctorate degrees, all occupations	9,000	6,000	5,000	7,000	2,000	5,000
<30	2,000	1,000	1,000	1,000	1,000	1,000
30–39	4,000	3,000	2,000	3,000	1,000	2,000
40–49	4,000	3,000	2,000	3,000	1,000	2,000
50–59	6,000	4,000	3,000	5,000	1,000	3,000
60+	4,000	2,000	3,000	3,000	1,000	3,000
S&E occupations	5,000	5,000	3,000	3,000	2,000	2,000
<30	2,000	1,000	1,000	1,000	1,000	500
30–39	3,000	2,000	1,000	1,000	1,000	1,000
40–49	3,000	3,000	2,000	2,000	1,000	1,000
50–59	2,000	2,000	2,000	2,000	1,000	1,000
60+	2,000	2,000	1,000	1,000	1,000	1,000
Scientists	5,000	4,000	3,000	3,000	2,000	2,000
<30	1,000	1,000	1,000	1,000	1,000	500
30–39	2,000	2,000	1,000	1,000	1,000	1,000
40–49	3,000	2,000	2,000	1,000	1,000	1,000
50–59	2,000	2,000	1,000	2,000	1,000	1,000
60+	2,000	1,000	1,000	1,000	500	1,000
Biological/agricultural/other life scientists	3,000	3,000	1,000	2,000	1,000	1,000
<30	1,000	1,000	*	500	500	*
30–39	1,000	1,000	1,000	1,000	1,000	500
40–49	2,000	2,000	1,000	1,000	500	1,000
50–59	1,000	1,000	1,000	1,000	*	500
60+	1,000	1,000	1,000	1,000	*	500
Agricultural/food scientists	1,000	1,000	*	500	*	500
<30	S	S	S	S	S	S
30–39	500	500	S	500	S	*
40–49	500	500	S	500	S	500
50–59	500	500	S	500	S	500
60+	500	500	S	500	S	*

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Biological/medical scientists	2,000	2,000	1,000	1,000	1,000	1,000
<30	1,000	1,000	S	500	500	*
30–39	1,000	1,000	500	1,000	1,000	500
40–49	1,000	1,000	500	1,000	500	1,000
50–59	1,000	1,000	500	1,000	*	500
60+	1,000	1,000	500	500	*	500
Environmental life scientists	500	500	S	500	*	*
<30	S	S	S	S	S	S
30–39	*	*	S	*	S	S
40–49	500	*	S	*	S	*
50–59	500	*	S	*	S	S
60+	*	*	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	1,000	1,000	500	*	500
<30	*	*	*	S	S	S
30–39	1,000	1,000	1,000	500	S	500
40–49	1,000	1,000	1,000	500	S	500
50–59	1,000	500	1,000	500	S	500
60+	1,000	500	1,000	500	S	500
Computer/mathematical scientists	3,000	2,000	1,000	2,000	2,000	1,000
<30	1,000	500	500	1,000	1,000	S
30–39	1,000	1,000	1,000	500	1,000	500
40–49	1,000	1,000	1,000	1,000	1,000	500
50–59	1,000	1,000	1,000	1,000	1,000	1,000
60+	1,000	1,000	1,000	1,000	500	500
Computer/information scientists	2,000	1,000	500	1,000	2,000	1,000
<30	1,000	500	S	S	1,000	S
30–39	1,000	1,000	*	500	1,000	500
40–49	1,000	1,000	S	1,000	1,000	500
50–59	1,000	1,000	S	1,000	1,000	500
60+	1,000	1,000	*	1,000	500	500
Mathematical scientists	1,000	1,000	*	500	500	500
<30	500	*	S	S	*	S
30–39	500	500	S	500	500	*
40–49	500	500	S	500	500	*
50–59	500	500	S	500	500	*
60+	500	500	S	*	500	*
Postsecondary teachers-computer/ mathematical sciences	2,000	2,000	1,000	500	500	500
<30	500	500	500	S	S	S
30–39	1,000	1,000	1,000	*	*	*
40–49	1,000	1,000	1,000	500	*	500
50–59	1,000	1,000	1,000	500	500	500
60+	500	500	500	500	*	*
Physical/related scientists	2,000	2,000	1,000	1,000	1,000	1,000
<30	1,000	1,000	*	*	500	*
30–39	1,000	1,000	500	1,000	500	500
40–49	1,000	1,000	1,000	1,000	500	500
50–59	1,000	1,000	1,000	1,000	500	500
60+	1,000	1,000	500	500	500	500

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Chemists, except biochemists	1,000	1,000	*	1,000	500	500
<30	500	500	S	*	S	S
30–39	1,000	1,000	S	500	S	500
40–49	1,000	1,000	S	500	S	500
50–59	1,000	1,000	S	500	*	500
60+	500	500	S	500	S	500
Earth/atmospheric/ocean scientists	1,000	500	500	500	500	500
<30	*	*	S	S	S	S
30–39	500	500	S	500	500	*
40–49	500	500	S	500	500	*
50–59	500	500	*	500	500	*
60+	500	500	S	500	*	*
Physicists/astronomers	1,000	1,000	500	500	1,000	500
<30	500	500	S	S	500	S
30–39	500	500	*	500	500	*
40–49	500	500	*	500	500	*
50–59	500	500	*	500	500	*
60+	500	500	S	500	500	*
Postsecondary teachers-physical/ related sciences	1,000	1,000	1,000	1,000	500	500
<30	*	*	*	S	S	S
30–39	500	500	500	500	S	*
40–49	1,000	1,000	1,000	500	S	500
50–59	500	500	500	500	S	*
60+	500	500	500	500	*	500
Other physical/related scientists	500	500	S	500	*	500
<30	*	*	S	S	S	S
30–39	500	500	S	*	S	*
40–49	500	500	S	*	S	*
50–59	500	500	S	500	S	*
60+	*	*	S	*	S	S
Social/related scientists	2,000	2,000	2,000	1,000	500	2,000
<30	1,000	1,000	500	1,000	S	500
30–39	1,000	1,000	1,000	500	500	1,000
40–49	1,000	1,000	1,000	1,000	500	1,000
50–59	1,000	1,000	1,000	1,000	500	1,000
60+	1,000	1,000	1,000	1,000	*	1,000
Economists	500	500	*	500	500	500
<30	*	*	S	S	S	S
30–39	500	500	S	500	*	*
40–49	500	500	S	500	*	500
50–59	500	500	S	500	*	500
60+	500	500	S	500	S	*
Political/related scientists	500	500	*	500	S	*
<30	S	S	S	S	S	S
30–39	500	*	S	*	S	S
40–49	*	*	S	*	S	S
50–59	*	*	S	*	S	S
60+	*	*	S	S	S	*

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-social/ related sciences	2,000	1,000	2,000	1,000	*	1,000
<30	500	500	500	S	S	S
30–39	1,000	1,000	1,000	500	S	500
40–49	1,000	1,000	1,000	500	S	500
50–59	1,000	1,000	1,000	1,000	S	500
60+	1,000	500	1,000	500	S	500
Psychologists	2,000	1,000	500	1,000	*	1,000
<30	1,000	1,000	S	1,000	S	500
30–39	1,000	500	500	500	*	1,000
40–49	1,000	500	500	500	S	500
50–59	1,000	500	500	500	S	1,000
60+	1,000	500	500	500	S	1,000
Sociologists/anthropologists	500	500	*	500	*	*
<30	S	S	S	S	S	S
30–39	500	500	S	*	S	S
40–49	500	500	S	500	S	S
50–59	500	500	S	500	S	*
60+	500	500	S	*	S	*
Other social/related scientists	1,000	1,000	*	500	500	500
<30	S	S	S	S	S	S
30–39	500	500	S	500	*	*
40–49	500	500	S	500	S	*
50–59	500	500	S	500	S	500
60+	500	500	S	*	S	*
Engineers	2,000	2,000	1,000	1,000	1,000	1,000
<30	500	500	500	*	*	*
30–39	1,000	1,000	500	500	500	500
40–49	1,000	1,000	500	1,000	500	500
50–59	1,000	1,000	500	1,000	500	500
60+	1,000	1,000	500	1,000	500	1,000
Aerospace/aeronautical/astronautical engineers	1,000	1,000	S	500	500	500
<30	S	S	S	S	S	S
30–39	500	500	S	*	*	S
40–49	500	500	S	500	*	S
50–59	500	500	S	500	*	*
60+	500	500	S	*	*	*
Chemical engineers	1,000	1,000	S	500	500	500
<30	500	*	S	S	S	S
30–39	500	500	S	500	*	*
40–49	500	500	S	500	*	*
50–59	500	500	S	500	*	*
60+	500	500	S	*	S	*
Civil/architectural/sanitary engineers	500	500	S	500	500	500
<30	S	S	S	S	S	S
30–39	500	500	S	*	*	*
40–49	500	500	S	500	*	*
50–59	500	500	S	500	S	*
60+	500	500	S	500	S	*

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Electrical/computer hardware engineers	1,000	1,000	S	1,000	500	1,000
<30	500	500	S	S	S	S
30–39	1,000	1,000	S	500	500	500
40–49	500	500	S	500	500	500
50–59	500	500	S	500	500	500
60+	1,000	1,000	S	1,000	*	500
Industrial engineers	1,000	500	S	1,000	S	500
<30	S	S	S	S	S	S
30–39	*	S	S	S	S	S
40–49	1,000	*	S	1,000	S	S
50–59	500	*	S	S	S	S
60+	*	*	S	S	S	S
Mechanical engineers	1,000	1,000	S	500	500	500
<30	*	*	S	S	S	S
30–39	500	500	S	500	*	*
40–49	500	500	S	500	*	*
50–59	500	500	S	500	*	S
60+	500	500	S	*	*	*
Postsecondary teachers-engineering	1,000	1,000	1,000	500	*	500
<30	500	*	500	S	S	S
30–39	500	500	500	500	S	*
40–49	500	500	500	500	*	*
50–59	500	500	500	500	S	*
60+	500	500	500	500	S	*
Other engineers	1,000	1,000	*	1,000	500	500
<30	500	500	S	*	S	S
30–39	1,000	1,000	S	500	500	500
40–49	1,000	1,000	S	500	500	500
50–59	500	500	S	500	*	500
60+	500	500	S	500	*	500
S&E-related occupations	3,000	2,000	3,000	3,000	1,000	2,000
<30	1,000	*	*	500	S	1,000
30–39	2,000	500	2,000	2,000	500	1,000
40–49	1,000	1,000	1,000	1,000	500	1,000
50–59	2,000	1,000	1,000	1,000	500	1,000
60+	2,000	1,000	2,000	1,000	500	1,000
Health-related occupations	2,000	2,000	1,000	1,000	*	2,000
<30	500	*	*	*	S	500
30–39	1,000	500	1,000	1,000	*	1,000
40–49	1,000	1,000	1,000	1,000	*	1,000
50–59	1,000	1,000	1,000	1,000	*	1,000
60+	1,000	500	500	500	S	1,000
S&E managers	1,000	1,000	*	1,000	500	1,000
<30	S	S	S	S	S	S
30–39	500	500	S	500	*	*
40–49	1,000	500	S	1,000	500	500
50–59	1,000	500	S	1,000	500	500
60+	1,000	500	S	500	*	1,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
S&E precollege teachers	2,000	500	2,000	2,000	S	1,000
<30	S	S	S	S	S	S
30–39	1,000	S	1,000	1,000	S	S
40–49	500	*	500	500	S	S
50–59	1,000	*	1,000	500	S	1,000
60+	1,000	S	1,000	1,000	S	*
S&E technicians/technologists	500	500	S	500	500	500
<30	S	S	S	S	S	S
30–39	500	500	S	*	*	*
40–49	500	500	S	*	500	S
50–59	500	500	S	*	500	S
60+	500	*	S	S	*	S
Other S&E-related occupations	500	*	S	*	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Non-S&E occupations	7,000	4,000	4,000	6,000	1,000	4,000
<30	500	500	*	*	S	*
30–39	2,000	2,000	1,000	2,000	500	2,000
40–49	3,000	1,000	1,000	2,000	500	2,000
50–59	5,000	3,000	2,000	4,000	1,000	3,000
60+	3,000	2,000	2,000	3,000	1,000	2,000
Art/humanities/related occupations	1,000	1,000	500	500	*	1,000
<30	S	S	S	S	S	S
30–39	500	*	S	500	S	500
40–49	500	500	S	500	S	500
50–59	500	500	S	500	S	500
60+	1,000	500	*	500	S	500
Management-related occupations	3,000	2,000	500	3,000	500	1,000
<30	*	*	S	*	S	*
30–39	1,000	1,000	S	1,000	*	1,000
40–49	1,000	500	*	1,000	*	1,000
50–59	3,000	2,000	*	2,000	*	500
60+	1,000	1,000	*	1,000	S	1,000
Non-S&E managers	3,000	1,000	1,000	3,000	1,000	1,000
<30	S	S	S	S	S	S
30–39	500	500	S	500	S	*
40–49	2,000	1,000	1,000	2,000	*	1,000
50–59	2,000	1,000	1,000	2,000	*	1,000
60+	2,000	500	1,000	2,000	1,000	500
Non-S&E postsecondary teachers	3,000	2,000	3,000	2,000	S	2,000
<30	S	S	S	S	S	S
30–39	2,000	1,000	1,000	1,000	S	500
40–49	1,000	1,000	1,000	1,000	S	500
50–59	2,000	1,000	2,000	1,000	S	1,000
60+	1,000	1,000	1,000	1,000	S	1,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Non-S&E precollege/other teachers	2,000	1,000	2,000	1,000	S	1,000
<30	S	S	S	S	S	S
30–39	*	S	*	S	S	S
40–49	1,000	S	1,000	S	S	S
50–59	1,000	1,000	1,000	1,000	S	*
60+	1,000	S	1,000	S	S	S
Sales/marketing occupations	2,000	1,000	*	2,000	*	1,000
<30	S	S	S	S	S	S
30–39	500	*	S	500	S	*
40–49	1,000	500	S	1,000	S	1,000
50–59	1,000	500	S	1,000	S	1,000
60+	1,000	1,000	S	1,000	S	500
Social services/related occupations	2,000	1,000	2,000	2,000	S	2,000
<30	S	S	S	S	S	S
30–39	1,000	*	1,000	*	S	1,000
40–49	1,000	*	*	1,000	S	1,000
50–59	1,000	500	1,000	1,000	S	1,000
60+	2,000	1,000	1,000	1,000	S	1,000
Other non-S&E occupations	2,000	1,000	1,000	1,000	1,000	2,000
<30	S	S	S	S	S	S
30–39	1,000	1,000	*	1,000	S	1,000
40–49	1,000	500	500	1,000	*	1,000
50–59	1,000	500	500	1,000	S	1,000
60+	1,000	500	1,000	500	S	1,000

* = standard error is not calculated when estimate is less than 500; 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/occ03maj.html for a detailed description of the occupational 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.

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
All degree levels and occupations[a]	83,000	35,000	35,000	40,000	41,000	38,000	33,000	28,000	27,000
Male	61,000	21,000	25,000	30,000	27,000	27,000	24,000	24,000	22,000
Female	53,000	22,000	25,000	28,000	27,000	27,000	22,000	18,000	16,000
S&E occupations	43,000	11,000	16,000	18,000	14,000	14,000	12,000	11,000	8,000
Male	36,000	10,000	12,000	16,000	12,000	13,000	9,000	10,000	8,000
Female	20,000	6,000	10,000	9,000	8,000	7,000	7,000	5,000	3,000
Scientists	35,000	10,000	14,000	16,000	12,000	12,000	10,000	9,000	6,000
Male	27,000	8,000	11,000	14,000	10,000	11,000	7,000	8,000	5,000
Female	19,000	6,000	9,000	8,000	7,000	6,000	7,000	5,000	3,000
Biological/agricultural/other life scientists	12,000	4,000	5,000	5,000	4,000	5,000	3,000	4,000	2,000
Male	9,000	3,000	3,000	3,000	3,000	4,000	2,000	3,000	2,000
Female	8,000	3,000	4,000	3,000	3,000	3,000	2,000	2,000	1,000
Agricultural/food scientists	4,000	1,000	2,000	1,000	1,000	2,000	2,000	2,000	1,000
Male	4,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000	1,000
Female	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	S
Biological/medical scientists	10,000	4,000	5,000	4,000	3,000	4,000	2,000	2,000	2,000
Male	6,000	2,000	3,000	3,000	2,000	3,000	1,000	1,000	1,000
Female	7,000	3,000	4,000	3,000	2,000	3,000	2,000	2,000	1,000
Environmental life scientists	4,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000	500
Male	4,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000	500
Female	1,000	500	500	500	S	500	S	S	S
Postsecondary teachers-life/related sciences	3,000	1,000	1,000	1,000	2,000	1,000	500	1,000	1,000
Male	2,000	1,000	1,000	1,000	1,000	1,000	500	1,000	1,000
Female	2,000	1,000	1,000	1,000	1,000	1,000	500	500	*
Computer/mathematical scientists	27,000	7,000	12,000	14,000	11,000	10,000	9,000	7,000	4,000
Male	23,000	6,000	10,000	12,000	9,000	8,000	7,000	5,000	4,000
Female	13,000	4,000	6,000	6,000	5,000	5,000	4,000	4,000	2,000
Computer/information scientists	27,000	7,000	11,000	14,000	11,000	10,000	8,000	6,000	4,000
Male	23,000	6,000	9,000	12,000	9,000	8,000	7,000	5,000	4,000
Female	12,000	3,000	5,000	6,000	5,000	4,000	4,000	4,000	2,000
Mathematical scientists	6,000	2,000	3,000	2,000	2,000	2,000	2,000	2,000	2,000
Male	4,000	1,000	2,000	2,000	2,000	1,000	2,000	2,000	1,000
Female	3,000	2,000	2,000	1,000	1,000	2,000	1,000	500	S
Postsecondary teachers-computer/ mathematical sciences	4,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Male	4,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Physical/related scientists	9,000	2,000	3,000	4,000	3,000	3,000	3,000	3,000	2,000
Male	7,000	2,000	3,000	3,000	2,000	3,000	3,000	3,000	2,000
Female	5,000	2,000	2,000	2,000	1,000	1,000	2,000	1,000	1,000
Chemists, except biochemists	5,000	2,000	2,000	2,000	1,000	2,000	2,000	2,000	1,000
Male	4,000	1,000	2,000	2,000	1,000	2,000	1,000	2,000	1,000
Female	3,000	1,000	2,000	2,000	1,000	1,000	1,000	500	1,000
Earth/atmospheric/ocean scientists	4,000	1,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
Male	4,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Female	2,000	500	1,000	1,000	500	1,000	1,000	*	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Physicists/astronomers	2,000	1,000	1,000	1,000	500	500	500	500	500
Male	1,000	1,000	1,000	1,000	500	500	500	500	500
Female	1,000	1,000	500	500	S	*	*	S	S
Postsecondary teachers-physical/related scientists	3,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
Male	2,000	1,000	1,000	1,000	1,000	1,000	500	500	1,000
Female	2,000	1,000	1,000	500	500	1,000	1,000	*	*
Other physical/related scientists	4,000	1,000	1,000	2,000	2,000	1,000	2,000	1,000	500
Male	3,000	1,000	1,000	1,000	2,000	1,000	2,000	1,000	500
Female	2,000	1,000	1,000	1,000	500	500	1,000	S	S
Social/related scientists	12,000	5,000	6,000	5,000	4,000	4,000	3,000	3,000	2,000
Male	7,000	3,000	3,000	3,000	2,000	3,000	2,000	3,000	2,000
Female	10,000	4,000	4,000	4,000	3,000	2,000	3,000	2,000	2,000
Economists	3,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	500
Male	3,000	1,000	1,000	1,000	1,000	1,000	500	1,000	500
Female	2,000	1,000	1,000	1,000	500	500	S	S	S
Political/related scientists	3,000	1,000	2,000	2,000	S	1,000	500	1,000	1,000
Male	2,000	500	1,000	1,000	S	1,000	500	1,000	*
Female	2,000	1,000	2,000	1,000	S	S	S	S	S
Postsecondary teachers-social/related sciences	5,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Male	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	4,000	2,000	2,000	2,000	2,000	1,000	1,000	500	1,000
Psychologists	6,000	3,000	3,000	3,000	2,000	2,000	2,000	2,000	1,000
Male	3,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	6,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
Sociologists/anthropologists	2,000	2,000	1,000	1,000	1,000	500	1,000	500	500
Male	2,000	1,000	1,000	*	1,000	500	*	500	*
Female	1,000	1,000	500	1,000	*	500	1,000	S	S
Other social/related scientists	7,000	2,000	3,000	3,000	2,000	3,000	2,000	2,000	2,000
Male	5,000	2,000	2,000	2,000	2,000	2,000	1,000	2,000	1,000
Female	5,000	2,000	2,000	2,000	1,000	1,000	2,000	1,000	1,000
Engineers	21,000	6,000	7,000	8,000	7,000	9,000	6,000	6,000	6,000
Male	20,000	6,000	6,000	8,000	7,000	8,000	6,000	6,000	6,000
Female	6,000	2,000	3,000	3,000	3,000	2,000	2,000	1,000	500
Aerospace/aeronautical/astronautical engineers	5,000	2,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000
Male	5,000	2,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000
Female	1,000	500	500	1,000	500	500	500	S	S
Chemical engineers	4,000	1,000	1,000	2,000	3,000	1,000	1,000	1,000	1,000
Male	3,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000
Female	2,000	500	1,000	1,000	2,000	500	500	S	S
Civil/architectural/sanitary engineers	8,000	2,000	3,000	3,000	2,000	3,000	2,000	3,000	2,000
Male	7,000	2,000	3,000	3,000	2,000	3,000	2,000	3,000	2,000
Female	3,000	1,000	2,000	1,000	1,000	1,000	1,000	S	S
Electrical/computer hardware engineers	9,000	3,000	3,000	4,000	4,000	4,000	3,000	2,000	2,000
Male	8,000	3,000	3,000	3,000	3,000	4,000	3,000	2,000	2,000
Female	3,000	1,000	1,000	1,000	1,000	1,000	1,000	500	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Industrial engineers	6,000	2,000	2,000	3,000	3,000	2,000	1,000	1,000	1,000
Male	5,000	2,000	2,000	3,000	2,000	2,000	1,000	1,000	1,000
Female	1,000	500	500	500	1,000	1,000	S	S	S
Mechanical engineers	8,000	3,000	3,000	4,000	4,000	3,000	3,000	2,000	3,000
Male	7,000	3,000	3,000	4,000	3,000	3,000	3,000	2,000	3,000
Female	2,000	1,000	1,000	1,000	1,000	1,000	1,000	S	S
Postsecondary teachers-engineering	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
Male	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
Female	1,000	500	500	500	*	*	S	S	S
Other engineers	11,000	3,000	4,000	4,000	4,000	5,000	3,000	3,000	3,000
Male	10,000	2,000	4,000	4,000	4,000	5,000	3,000	3,000	3,000
Female	4,000	1,000	2,000	1,000	2,000	1,000	1,000	S	S
S&E-related occupations	45,000	16,000	20,000	21,000	20,000	18,000	17,000	15,000	14,000
Male	28,000	9,000	13,000	12,000	13,000	12,000	11,000	10,000	9,000
Female	34,000	12,000	16,000	18,000	15,000	14,000	14,000	11,000	9,000
Health-related occupations	35,000	13,000	17,000	18,000	15,000	16,000	15,000	12,000	10,000
Male	21,000	7,000	9,000	9,000	8,000	9,000	9,000	8,000	7,000
Female	28,000	11,000	14,000	16,000	14,000	13,000	12,000	9,000	7,000
S&E managers	13,000	3,000	5,000	5,000	6,000	5,000	5,000	4,000	3,000
Male	10,000	2,000	4,000	4,000	5,000	4,000	4,000	3,000	3,000
Female	7,000	2,000	3,000	3,000	3,000	3,000	2,000	2,000	2,000
S&E precollege teachers	19,000	8,000	8,000	8,000	7,000	7,000	6,000	6,000	5,000
Male	12,000	6,000	6,000	5,000	4,000	4,000	3,000	4,000	3,000
Female	14,000	5,000	7,000	6,000	6,000	5,000	5,000	4,000	4,000
S&E technicians/technologists	13,000	3,000	5,000	5,000	5,000	6,000	4,000	4,000	3,000
Male	11,000	3,000	4,000	4,000	5,000	5,000	4,000	3,000	3,000
Female	6,000	2,000	3,000	3,000	2,000	3,000	2,000	2,000	1,000
Other S&E-related occupations	9,000	1,000	4,000	5,000	4,000	4,000	4,000	3,000	4,000
Male	8,000	1,000	3,000	5,000	4,000	3,000	3,000	3,000	3,000
Female	5,000	500	3,000	2,000	1,000	2,000	2,000	1,000	1,000
Non-S&E occupations	73,000	24,000	27,000	31,000	29,000	30,000	25,000	26,000	22,000
Male	56,000	14,000	19,000	23,000	21,000	23,000	19,000	21,000	19,000
Female	44,000	17,000	18,000	21,000	18,000	19,000	16,000	15,000	13,000
Art/humanities/related occupations	15,000	4,000	5,000	5,000	6,000	5,000	5,000	5,000	4,000
Male	10,000	2,000	4,000	4,000	3,000	3,000	4,000	3,000	4,000
Female	10,000	3,000	3,000	4,000	4,000	3,000	3,000	4,000	2,000
Management-related occupations	31,000	8,000	12,000	13,000	11,000	12,000	11,000	10,000	9,000
Male	23,000	5,000	8,000	9,000	9,000	10,000	8,000	7,000	8,000
Female	18,000	6,000	8,000	10,000	7,000	7,000	7,000	6,000	4,000
Non-S&E managers	26,000	6,000	8,000	11,000	10,000	11,000	10,000	9,000	8,000
Male	22,000	5,000	7,000	9,000	9,000	9,000	8,000	8,000	7,000
Female	13,000	3,000	5,000	5,000	5,000	6,000	4,000	4,000	3,000
Non-S&E postsecondary teachers	7,000	4,000	3,000	2,000	2,000	3,000	3,000	3,000	1,000
Male	5,000	2,000	3,000	1,000	1,000	2,000	2,000	2,000	1,000
Female	5,000	3,000	1,000	1,000	2,000	2,000	2,000	2,000	1,000

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E precollege/other teachers	23,000	9,000	8,000	9,000	8,000	9,000	8,000	6,000	6,000
Male	10,000	4,000	4,000	4,000	3,000	3,000	4,000	3,000	3,000
Female	21,000	8,000	7,000	7,000	8,000	8,000	8,000	5,000	5,000
Sales/marketing occupations	32,000	7,000	12,000	14,000	10,000	12,000	10,000	12,000	12,000
Male	27,000	5,000	9,000	11,000	8,000	9,000	8,000	11,000	10,000
Female	18,000	5,000	8,000	9,000	6,000	6,000	6,000	6,000	6,000
Social services/related occupations	18,000	8,000	9,000	8,000	7,000	7,000	5,000	5,000	4,000
Male	10,000	4,000	4,000	5,000	4,000	4,000	4,000	3,000	3,000
Female	14,000	6,000	8,000	6,000	6,000	5,000	5,000	4,000	3,000
Other non-S&E occupations	45,000	15,000	15,000	18,000	17,000	15,000	15,000	16,000	14,000
Male	32,000	9,000	11,000	14,000	13,000	11,000	11,000	12,000	11,000
Female	29,000	11,000	11,000	11,000	10,000	10,000	10,000	9,000	9,000
Bachelor's degrees, all occupations	70,000	28,000	28,000	31,000	26,000	30,000	28,000	24,000	23,000
Male	50,000	14,000	20,000	24,000	20,000	21,000	19,000	19,000	18,000
Female	45,000	16,000	21,000	22,000	18,000	22,000	19,000	16,000	14,000
S&E occupations	32,000	9,000	12,000	15,000	12,000	11,000	10,000	9,000	7,000
Male	27,000	8,000	10,000	13,000	10,000	10,000	8,000	8,000	6,000
Female	15,000	5,000	7,000	7,000	6,000	5,000	6,000	4,000	3,000
Scientists	26,000	7,000	12,000	13,000	10,000	10,000	9,000	7,000	5,000
Male	21,000	6,000	9,000	11,000	9,000	8,000	6,000	6,000	4,000
Female	15,000	4,000	7,000	7,000	6,000	5,000	6,000	4,000	3,000
Biological/agricultural/other life scientists	9,000	3,000	5,000	4,000	3,000	4,000	3,000	3,000	2,000
Male	6,000	2,000	3,000	3,000	2,000	3,000	2,000	3,000	1,000
Female	7,000	2,000	4,000	2,000	3,000	3,000	2,000	2,000	1,000
Agricultural/food scientists	4,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000	1,000
Male	3,000	1,000	1,000	500	1,000	2,000	1,000	2,000	1,000
Female	2,000	1,000	1,000	S	S	1,000	1,000	S	S
Biological/medical scientists	8,000	3,000	4,000	4,000	3,000	3,000	2,000	2,000	1,000
Male	5,000	2,000	2,000	3,000	1,000	2,000	1,000	1,000	1,000
Female	6,000	2,000	4,000	2,000	2,000	2,000	2,000	2,000	1,000
Environmental life scientists	3,000	500	500	1,000	1,000	2,000	1,000	2,000	500
Male	3,000	500	500	500	1,000	2,000	1,000	2,000	500
Female	1,000	*	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	1,000	1,000	S	S	S	S	S	S
Male	2,000	1,000	S	S	S	S	S	S	S
Female	2,000	1,000	S	S	S	S	S	S	S
Computer/mathematical scientists	23,000	5,000	10,000	12,000	9,000	9,000	8,000	6,000	4,000
Male	20,000	5,000	9,000	10,000	8,000	8,000	6,000	4,000	4,000
Female	11,000	3,000	5,000	6,000	5,000	4,000	4,000	3,000	2,000
Computer/information scientists	23,000	5,000	9,000	12,000	9,000	9,000	7,000	6,000	4,000
Male	20,000	5,000	8,000	10,000	8,000	8,000	6,000	4,000	4,000
Female	11,000	3,000	5,000	6,000	4,000	4,000	4,000	3,000	2,000
Mathematical scientists	4,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000
Male	3,000	1,000	2,000	S	1,000	1,000	1,000	1,000	S
Female	3,000	1,000	1,000	S	S	1,000	1,000	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Postsecondary teachers-computer/ mathematical sciences	3,000	1,000	2,000	1,000	S	S	1,000	1,000	S
Male	2,000	500	S	500	S	S	S	S	S
Female	1,000	1,000	1,000	S	S	S	S	S	S
Physical/related scientists	7,000	2,000	3,000	3,000	2,000	3,000	3,000	2,000	1,000
Male	6,000	1,000	2,000	3,000	2,000	3,000	2,000	2,000	1,000
Female	4,000	1,000	2,000	2,000	1,000	1,000	2,000	500	1,000
Chemists, except biochemists	5,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000
Male	4,000	1,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000
Female	3,000	1,000	2,000	1,000	1,000	500	1,000	500	1,000
Earth/atmospheric/ocean scientists	3,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Male	3,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	500
Female	2,000	500	500	S	S	1,000	500	S	S
Physicists/astronomers	1,000	500	500	S	S	S	S	S	S
Male	1,000	500	500	S	S	S	S	S	S
Female	500	500	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	2,000	1,000	500	S	S	S	S	S	S
Male	1,000	1,000	500	S	S	S	S	S	S
Female	1,000	500	S	S	S	S	S	S	S
Other physical/related scientists	3,000	1,000	1,000	2,000	1,000	1,000	2,000	S	S
Male	3,000	1,000	1,000	S	1,000	1,000	2,000	S	S
Female	2,000	500	1,000	1,000	S	S	1,000	S	S
Social/related scientists	7,000	3,000	4,000	3,000	3,000	2,000	2,000	2,000	2,000
Male	5,000	2,000	2,000	2,000	2,000	1,000	1,000	2,000	1,000
Female	6,000	2,000	3,000	3,000	2,000	1,000	2,000	S	1,000
Economists	2,000	1,000	1,000	S	500	S	S	S	S
Male	1,000	1,000	S	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Political/related scientists	2,000	1,000	2,000	S	S	S	S	S	S
Male	1,000	S	S	S	S	S	S	S	S
Female	2,000	1,000	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	3,000	1,000	1,000	S	S	S	S	S	S
Male	1,000	1,000	S	S	S	S	S	S	S
Female	3,000	1,000	S	S	S	S	S	S	S
Psychologists	3,000	2,000	1,000	S	1,000	S	S	S	S
Male	1,000	1,000	S	S	S	S	S	S	S
Female	3,000	1,000	1,000	S	1,000	S	S	S	S
Sociologists/anthropologists	2,000	2,000	S	S	S	S	S	S	S
Male	2,000	1,000	S	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Other social/related scientists	5,000	1,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
Male	4,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000
Female	4,000	1,000	2,000	2,000	1,000	1,000	2,000	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Engineers	16,000	5,000	5,000	7,000	6,000	7,000	5,000	5,000	5,000
Male	16,000	5,000	5,000	7,000	6,000	6,000	5,000	5,000	5,000
Female	5,000	2,000	2,000	2,000	3,000	2,000	1,000	1,000	500
Aerospace/aeronautical/astronautical engineers	4,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000
Male	4,000	2,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000
Female	1,000	500	500	S	500	S	S	S	S
Chemical engineers	3,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000
Male	3,000	500	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	500	500	1,000	2,000	500	500	S	S
Civil/architectural/sanitary engineers	6,000	1,000	2,000	3,000	2,000	2,000	2,000	3,000	2,000
Male	6,000	1,000	2,000	3,000	2,000	2,000	1,000	2,000	2,000
Female	2,000	1,000	1,000	1,000	1,000	1,000	1,000	S	S
Electrical/computer hardware engineers	7,000	2,000	3,000	3,000	3,000	3,000	2,000	2,000	2,000
Male	6,000	2,000	2,000	3,000	3,000	3,000	2,000	2,000	2,000
Female	2,000	1,000	1,000	1,000	1,000	1,000	S	S	S
Industrial engineers	5,000	1,000	2,000	3,000	2,000	2,000	1,000	1,000	1,000
Male	5,000	1,000	2,000	3,000	2,000	1,000	1,000	1,000	1,000
Female	1,000	500	500	500	1,000	1,000	S	S	S
Mechanical engineers	6,000	1,000	3,000	3,000	3,000	2,000	3,000	2,000	2,000
Male	6,000	1,000	2,000	3,000	3,000	2,000	3,000	2,000	2,000
Female	2,000	500	1,000	500	1,000	1,000	500	S	S
Postsecondary teachers-engineering	1,000	500	S	S	S	S	S	S	1,000
Male	1,000	500	S	S	S	S	S	S	1,000
Female	500	500	S	S	S	S	S	S	S
Other engineers	9,000	2,000	3,000	4,000	4,000	4,000	3,000	3,000	2,000
Male	8,000	2,000	3,000	4,000	3,000	4,000	3,000	3,000	2,000
Female	3,000	1,000	1,000	1,000	2,000	1,000	1,000	S	S
S&E-related occupations	35,000	10,000	16,000	17,000	15,000	15,000	15,000	13,000	11,000
Male	22,000	4,000	9,000	9,000	9,000	9,000	7,000	8,000	6,000
Female	27,000	8,000	13,000	14,000	12,000	13,000	13,000	10,000	8,000
Health-related occupations	29,000	8,000	13,000	15,000	12,000	13,000	13,000	10,000	8,000
Male	14,000	3,000	6,000	7,000	5,000	5,000	5,000	5,000	4,000
Female	24,000	8,000	12,000	14,000	11,000	12,000	12,000	8,000	7,000
S&E managers	10,000	1,000	4,000	3,000	5,000	4,000	4,000	3,000	3,000
Male	8,000	1,000	3,000	3,000	4,000	4,000	3,000	3,000	2,000
Female	6,000	1,000	2,000	2,000	2,000	2,000	2,000	1,000	2,000
S&E precollege teachers	12,000	3,000	6,000	5,000	5,000	4,000	4,000	4,000	4,000
Male	8,000	2,000	4,000	4,000	3,000	2,000	2,000	2,000	3,000
Female	10,000	2,000	5,000	4,000	4,000	4,000	4,000	4,000	3,000
S&E technicians/technologists	11,000	3,000	5,000	4,000	5,000	5,000	4,000	4,000	3,000
Male	10,000	2,000	4,000	4,000	4,000	5,000	3,000	3,000	3,000
Female	6,000	2,000	2,000	2,000	1,000	2,000	2,000	2,000	1,000
Other S&E-related occupations	8,000	1,000	3,000	5,000	3,000	3,000	3,000	3,000	3,000
Male	7,000	500	2,000	4,000	3,000	3,000	3,000	3,000	3,000
Female	4,000	500	2,000	2,000	1,000	2,000	2,000	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E occupations	61,000	17,000	20,000	25,000	22,000	23,000	21,000	21,000	20,000
Male	46,000	9,000	14,000	19,000	16,000	17,000	17,000	16,000	16,000
Female	39,000	11,000	15,000	17,000	15,000	15,000	12,000	13,000	12,000
Art/humanities/related occupations	11,000	2,000	4,000	5,000	5,000	4,000	4,000	4,000	4,000
Male	8,000	1,000	4,000	3,000	3,000	3,000	3,000	3,000	3,000
Female	8,000	1,000	2,000	3,000	4,000	3,000	3,000	3,000	2,000
Management-related occupations	25,000	4,000	10,000	12,000	9,000	8,000	10,000	9,000	7,000
Male	17,000	3,000	6,000	8,000	7,000	7,000	7,000	6,000	6,000
Female	16,000	3,000	7,000	9,000	6,000	5,000	6,000	6,000	4,000
Non-S&E managers	19,000	2,000	4,000	8,000	8,000	9,000	7,000	7,000	7,000
Male	17,000	1,000	3,000	6,000	7,000	7,000	7,000	7,000	6,000
Female	10,000	2,000	2,000	4,000	4,000	4,000	3,000	3,000	3,000
Non-S&E postsecondary teachers	4,000	1,000	1,000	S	1,000	S	2,000	S	1,000
Male	2,000	1,000	1,000	S	S	S	S	S	S
Female	3,000	1,000	1,000	S	S	S	2,000	S	S
Non-S&E precollege/other teachers	18,000	4,000	6,000	6,000	7,000	8,000	6,000	5,000	5,000
Male	7,000	2,000	3,000	3,000	2,000	2,000	3,000	2,000	2,000
Female	16,000	4,000	5,000	5,000	7,000	7,000	5,000	5,000	5,000
Sales/marketing occupations	29,000	5,000	11,000	13,000	10,000	10,000	8,000	10,000	11,000
Male	24,000	3,000	8,000	10,000	8,000	8,000	7,000	9,000	9,000
Female	17,000	4,000	7,000	7,000	6,000	5,000	5,000	5,000	5,000
Social services/related occupations	12,000	5,000	6,000	6,000	4,000	4,000	4,000	3,000	3,000
Male	7,000	2,000	3,000	3,000	3,000	3,000	2,000	2,000	2,000
Female	10,000	4,000	5,000	4,000	3,000	3,000	3,000	2,000	2,000
Other non-S&E occupations	36,000	12,000	12,000	14,000	13,000	12,000	12,000	14,000	13,000
Male	25,000	6,000	8,000	11,000	10,000	9,000	10,000	10,000	10,000
Female	23,000	8,000	9,000	10,000	8,000	9,000	9,000	8,000	8,000
Master's degrees, all occupations	46,000	20,000	20,000	21,000	21,000	18,000	16,000	13,000	13,000
Male	33,000	15,000	13,000	14,000	15,000	13,000	12,000	11,000	11,000
Female	30,000	13,000	15,000	14,000	14,000	12,000	11,000	8,000	6,000
S&E occupations	20,000	7,000	9,000	8,000	8,000	8,000	5,000	5,000	4,000
Male	17,000	6,000	7,000	7,000	7,000	6,000	4,000	5,000	4,000
Female	10,000	5,000	5,000	4,000	4,000	4,000	3,000	2,000	1,000
Scientists	17,000	7,000	7,000	7,000	7,000	7,000	4,000	4,000	3,000
Male	14,000	5,000	6,000	6,000	5,000	5,000	4,000	4,000	3,000
Female	10,000	5,000	5,000	4,000	4,000	4,000	2,000	2,000	1,000
Biological/agricultural/other life scientists	5,000	2,000	2,000	2,000	2,000	3,000	2,000	1,000	1,000
Male	4,000	1,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
Female	3,000	2,000	1,000	1,000	1,000	2,000	1,000	1,000	500
Agricultural/food scientists	2,000	1,000	1,000	S	1,000	1,000	S	1,000	S
Male	2,000	500	1,000	S	S	1,000	S	S	S
Female	1,000	500	500	S	S	S	S	S	S
Biological/medical scientists	4,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
Male	3,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	S
Female	3,000	2,000	1,000	1,000	1,000	2,000	500	1,000	S
Environmental life scientists	2,000	500	1,000	S	S	1,000	S	S	S
Male	2,000	500	1,000	S	S	1,000	S	S	S
Female	500	*	S	S	S	S	S	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Postsecondary teachers-life/related sciences	2,000	1,000	1,000	1,000	500	S	500	S	500
Male	1,000	1,000	S	S	500	S	S	S	S
Female	1,000	1,000	1,000	S	S	S	S	S	S
Computer/mathematical scientists	13,000	5,000	6,000	6,000	6,000	5,000	3,000	3,000	2,000
Male	11,000	4,000	5,000	5,000	5,000	4,000	3,000	3,000	1,000
Female	7,000	3,000	3,000	3,000	3,000	2,000	1,000	1,000	1,000
Computer/information scientists	13,000	5,000	5,000	5,000	6,000	4,000	3,000	3,000	1,000
Male	11,000	4,000	5,000	5,000	5,000	4,000	3,000	2,000	1,000
Female	6,000	3,000	3,000	3,000	3,000	2,000	1,000	1,000	1,000
Mathematical scientists	4,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000	S
Male	3,000	1,000	1,000	2,000	1,000	500	S	1,000	S
Female	2,000	1,000	1,000	500	1,000	1,000	S	S	S
Postsecondary teachers-computer/ mathematical sciences	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	1,000	1,000	1,000	1,000	1,000	1,000	S	500
Physical/related scientists	4,000	1,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
Male	3,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000
Female	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	S
Chemists, except biochemists	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	500	1,000	1,000	500	1,000	1,000	1,000	500
Female	2,000	1,000	500	1,000	1,000	S	S	S	S
Earth/atmospheric/ocean scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	2,000	500	1,000	1,000	1,000	1,000	1,000	500	1,000
Female	1,000	500	500	S	S	S	S	S	S
Physicists/astronomers	1,000	500	500	500	S	S	S	S	S
Male	1,000	500	500	S	S	S	S	S	S
Female	500	500	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	2,000	500	1,000	S	1,000	1,000	S	500	1,000
Male	1,000	500	500	S	S	S	S	S	1,000
Female	1,000	500	1,000	S	500	S	S	S	S
Other physical/related scientists	2,000	500	500	500	1,000	500	S	S	S
Male	2,000	500	S	S	1,000	S	S	S	S
Female	1,000	500	500	S	S	S	S	S	S
Social/related scientists	9,000	4,000	4,000	4,000	3,000	3,000	2,000	2,000	2,000
Male	5,000	2,000	2,000	2,000	2,000	2,000	1,000	2,000	1,000
Female	7,000	3,000	3,000	3,000	2,000	2,000	2,000	2,000	1,000
Economists	3,000	500	1,000	2,000	S	1,000	1,000	500	500
Male	2,000	500	1,000	1,000	S	S	S	500	S
Female	2,000	500	500	S	S	S	S	S	S
Political/related scientists	2,000	500	1,000	S	S	S	S	S	S
Male	2,000	500	S	S	S	S	S	S	S
Female	1,000	500	S	S	S	S	S	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Postsecondary teachers-social/related sciences	3,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	1,000	1,000	1,000	S	1,000	1,000	500
Female	2,000	1,000	1,000	1,000	500	1,000	S	S	S
Psychologists	5,000	2,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
Male	3,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Female	4,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
Sociologists/anthropologists	2,000	1,000	1,000	S	S	500	S	S	S
Male	1,000	500	1,000	S	S	S	S	S	S
Female	1,000	1,000	500	S	S	S	S	S	S
Other social/related scientists	4,000	2,000	2,000	2,000	1,000	2,000	1,000	1,000	S
Male	3,000	1,000	1,000	1,000	1,000	S	S	S	S
Female	3,000	1,000	1,000	1,000	1,000	S	S	1,000	S
Engineers	10,000	4,000	4,000	4,000	4,000	4,000	3,000	3,000	3,000
Male	10,000	4,000	4,000	4,000	3,000	4,000	3,000	3,000	3,000
Female	3,000	1,000	2,000	1,000	1,000	1,000	1,000	S	S
Aerospace/aeronautical/astronautical engineers	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
Male	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
Female	1,000	500	S	S	S	S	S	S	S
Chemical engineers	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	500	1,000	1,000	1,000	1,000	1,000	500
Female	1,000	500	500	S	S	S	S	S	S
Civil/architectural/sanitary engineers	4,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000
Male	4,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	1,000	1,000	1,000	500	1,000	S	S	S
Electrical/computer hardware engineers	5,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
Male	5,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
Female	2,000	1,000	1,000	500	1,000	S	S	S	S
Industrial engineers	3,000	1,000	1,000	1,000	1,000	1,000	500	1,000	500
Male	3,000	1,000	1,000	1,000	1,000	1,000	500	1,000	500
Female	1,000	500	500	S	S	S	S	S	S
Mechanical engineers	4,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Male	4,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Female	1,000	500	500	500	S	S	S	S	S
Postsecondary teachers-engineering	1,000	1,000	500	S	S	500	S	500	S
Male	1,000	1,000	500	S	S	500	S	500	S
Female	500	500	S	S	S	S	S	S	S
Other engineers	5,000	2,000	2,000	2,000	2,000	2,000	2,000	1,000	2,000
Male	5,000	2,000	2,000	2,000	2,000	2,000	2,000	1,000	2,000
Female	2,000	1,000	1,000	1,000	1,000	1,000	S	S	S
S&E-related occupations	24,000	10,000	12,000	10,000	9,000	8,000	7,000	5,000	5,000
Male	15,000	6,000	7,000	6,000	5,000	4,000	5,000	4,000	4,000
Female	18,000	8,000	10,000	8,000	7,000	6,000	6,000	4,000	2,000
Health-related occupations	15,000	7,000	9,000	6,000	7,000	6,000	5,000	3,000	3,000
Male	7,000	3,000	4,000	3,000	3,000	3,000	2,000	1,000	2,000
Female	14,000	6,000	7,000	6,000	6,000	5,000	5,000	3,000	2,000

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
S&E managers	8,000	2,000	3,000	4,000	3,000	3,000	3,000	2,000	1,000
Male	6,000	2,000	3,000	3,000	2,000	3,000	2,000	2,000	1,000
Female	4,000	1,000	2,000	2,000	2,000	1,000	2,000	1,000	S
S&E precollege teachers	14,000	7,000	7,000	6,000	4,000	5,000	4,000	4,000	3,000
Male	9,000	5,000	5,000	4,000	2,000	3,000	2,000	3,000	2,000
Female	10,000	5,000	5,000	4,000	3,000	3,000	3,000	2,000	1,000
S&E technicians/technologists	5,000	2,000	2,000	1,000	2,000	2,000	2,000	1,000	1,000
Male	4,000	2,000	1,000	1,000	1,000	2,000	2,000	1,000	S
Female	2,000	1,000	1,000	1,000	1,000	S	S	S	1,000
Other S&E-related occupations	5,000	1,000	2,000	3,000	2,000	2,000	2,000	2,000	2,000
Male	4,000	1,000	2,000	2,000	2,000	1,000	2,000	1,000	2,000
Female	3,000	S	2,000	1,000	S	1,000	S	S	S
Non-S&E occupations	41,000	16,000	17,000	17,000	16,000	14,000	13,000	12,000	10,000
Male	29,000	11,000	11,000	11,000	11,000	10,000	10,000	10,000	9,000
Female	26,000	12,000	11,000	11,000	11,000	9,000	9,000	7,000	6,000
Art/humanities/related occupations	8,000	3,000	2,000	3,000	2,000	2,000	3,000	2,000	3,000
Male	5,000	2,000	2,000	2,000	1,000	2,000	2,000	2,000	2,000
Female	5,000	3,000	2,000	2,000	2,000	1,000	2,000	1,000	S
Management-related occupations	17,000	6,000	8,000	7,000	6,000	7,000	5,000	4,000	5,000
Male	14,000	4,000	6,000	5,000	5,000	5,000	4,000	4,000	4,000
Female	11,000	5,000	5,000	5,000	5,000	4,000	3,000	3,000	2,000
Non-S&E managers	18,000	5,000	7,000	7,000	7,000	6,000	6,000	5,000	4,000
Male	15,000	4,000	5,000	7,000	6,000	5,000	5,000	5,000	4,000
Female	8,000	3,000	4,000	3,000	3,000	3,000	3,000	2,000	1,000
Non-S&E postsecondary teachers	5,000	3,000	3,000	1,000	1,000	2,000	2,000	2,000	1,000
Male	4,000	1,000	2,000	1,000	1,000	1,000	2,000	1,000	500
Female	3,000	2,000	1,000	1,000	1,000	1,000	1,000	2,000	S
Non-S&E precollege/other teachers	15,000	8,000	6,000	6,000	4,000	5,000	5,000	4,000	3,000
Male	7,000	4,000	3,000	3,000	2,000	2,000	3,000	2,000	2,000
Female	13,000	7,000	5,000	5,000	4,000	5,000	5,000	3,000	2,000
Sales/marketing occupations	15,000	5,000	5,000	6,000	4,000	5,000	5,000	5,000	5,000
Male	12,000	4,000	5,000	5,000	2,000	4,000	4,000	5,000	4,000
Female	8,000	3,000	3,000	4,000	3,000	3,000	3,000	2,000	2,000
Social services/related occupations	13,000	6,000	7,000	6,000	5,000	5,000	4,000	3,000	3,000
Male	6,000	3,000	3,000	3,000	3,000	2,000	3,000	2,000	2,000
Female	11,000	5,000	6,000	5,000	5,000	4,000	3,000	3,000	2,000
Other non-S&E occupations	18,000	6,000	7,000	8,000	6,000	7,000	5,000	5,000	4,000
Male	13,000	5,000	5,000	6,000	4,000	4,000	4,000	4,000	3,000
Female	12,000	4,000	5,000	4,000	5,000	5,000	4,000	3,000	3,000
Doctorate degrees, all occupations	9,000	4,000	4,000	4,000	3,000	3,000	3,000	3,000	2,000
Male	7,000	3,000	3,000	3,000	3,000	3,000	3,000	2,000	2,000
Female	5,000	3,000	2,000	3,000	2,000	2,000	1,000	1,000	1,000
S&E occupations	5,000	3,000	2,000	2,000	2,000	1,000	2,000	1,000	1,000
Male	4,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Female	3,000	2,000	1,000	1,000	1,000	1,000	1,000	500	500
Scientists	5,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Male	4,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Female	3,000	2,000	1,000	1,000	1,000	1,000	1,000	500	500

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Biological/agricultural/other life scientists	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Female	1,000	1,000	1,000	1,000	1,000	500	500	500	500
Agricultural/food scientists	1,000	500	500	500	500	500	500	500	500
Male	500	500	500	500	500	500	500	500	500
Female	500	*	500	*	*	*	S	S	S
Biological/medical scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500
Male	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500
Female	1,000	1,000	1,000	1,000	1,000	500	500	500	*
Environmental life scientists	500	*	*	*	*	*	S	S	S
Male	500	*	*	S	*	*	S	S	S
Female	*	*	*	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	500	1,000	1,000	1,000	500	500	500	500
Male	1,000	500	1,000	500	500	500	500	500	500
Female	1,000	500	500	500	500	500	500	500	*
Computer/mathematical scientists	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Female	1,000	1,000	1,000	500	500	500	500	*	*
Computer/information scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	2,000	1,000	1,000	1,000	1,000	500	1,000	1,000	500
Female	1,000	500	500	500	500	500	500	*	S
Mathematical scientists	1,000	500	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	500	500	500	500	500	*	S	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	1,000	1,000	500	500	500	500	500	500
Male	1,000	1,000	500	500	500	500	500	500	500
Female	1,000	1,000	500	500	500	500	*	*	*
Physical/related scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
Male	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500
Female	1,000	1,000	500	500	500	500	500	500	*
Chemists, except biochemists	1,000	1,000	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	1,000	500	500	500	500	*	*	*	S
Earth/atmospheric/ocean scientists	1,000	500	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	500	500	*	*	*	*	S	S	S
Physicists/astronomers	1,000	1,000	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	500	500	*	*	S	S	S	S	S
Postsecondary teachers-physical/related sciences	1,000	500	1,000	500	500	500	500	500	500
Male	1,000	500	1,000	500	500	500	500	500	500
Female	500	500	500	500	500	*	*	*	*

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other physical/related scientists	500	500	500	*	*	*	*	S	*
Male	500	500	*	*	*	*	*	S	*
Female	500	*	*	S	S	S	S	S	S
Social/related scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	1,000	1,000	1,000	500	1,000	500	1,000	1,000	500
Female	2,000	1,000	1,000	1,000	1,000	500	500	500	500
Economists	500	500	500	500	500	500	500	500	*
Male	500	500	500	500	500	500	500	500	*
Female	500	*	500	*	*	*	S	S	S
Political/related scientists	500	500	*	*	S	S	*	S	*
Male	500	*	S	*	S	S	S	S	*
Female	500	*	*	*	S	S	S	S	S
Postsecondary teachers-social/related sciences	2,000	1,000	1,000	1,000	1,000	500	1,000	1,000	500
Male	1,000	1,000	1,000	500	1,000	500	500	500	500
Female	1,000	1,000	1,000	500	1,000	500	500	500	*
Psychologists	2,000	1,000	1,000	500	1,000	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	1,000	1,000	500	500	500	500	500	500	500
Sociologists/anthropologists	500	500	500	500	500	500	*	*	*
Male	500	*	*	*	*	*	*	*	*
Female	500	*	500	*	*	*	S	S	S
Other social/related scientists	1,000	500	500	500	500	500	500	500	*
Male	500	*	500	500	*	*	*	500	*
Female	1,000	500	500	500	*	*	*	*	S
Engineers	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
Male	2,000	1,000	1,000	1,000	1,000	1,000	500	500	1,000
Female	500	500	500	500	500	500	500	*	S
Aerospace/aeronautical/astronautical engineers	1,000	500	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	*	S	S	S	S	S	S	S	S
Chemical engineers	1,000	500	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	500	*	*	*	S	S	S	S	S
Civil/architectural/sanitary engineers	500	500	500	500	500	*	*	*	500
Male	500	500	500	500	500	*	*	*	500
Female	500	*	*	S	S	S	S	S	S
Electrical/computer hardware engineers	1,000	1,000	500	500	1,000	500	500	500	500
Male	1,000	1,000	500	500	1,000	500	500	500	500
Female	500	*	500	500	S	S	S	S	S
Industrial engineers	1,000	*	1,000	*	S	S	S	S	S
Male	1,000	S	1,000	*	S	S	S	S	S
Female	*	S	S	S	S	S	S	S	S
Mechanical engineers	1,000	500	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	*	S	*	S	S	S	S	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Postsecondary teachers-engineering	1,000	500	500	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	500	500	500	*	*	*	S	S	S
Other engineers	1,000	500	1,000	500	500	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	500	500	500	500	*	*	S	S	S
S&E-related occupations	3,000	1,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000
Male	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Female	2,000	1,000	1,000	2,000	1,000	1,000	1,000	500	500
Health-related occupations	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	1,000	1,000	1,000	1,000	500	500	1,000	500	500
Female	2,000	1,000	500	500	1,000	1,000	1,000	500	500
S&E managers	1,000	1,000	500	500	1,000	500	500	500	500
Male	1,000	500	500	500	500	500	500	500	500
Female	1,000	500	500	500	1,000	500	*	*	S
S&E precollege teachers	2,000	500	1,000	2,000	1,000	1,000	1,000	*	*
Male	1,000	S	500	1,000	500	1,000	1,000	*	*
Female	2,000	*	500	1,000	1,000	*	*	S	S
S&E technicians/technologists	500	500	500	500	500	500	*	*	S
Male	500	*	500	500	500	*	*	*	S
Female	500	S	S	*	S	S	S	S	S
Other S&E-related occupations	500	S	*	S	S	S	S	S	S
Male	*	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Non-S&E occupations	7,000	3,000	3,000	3,000	2,000	3,000	2,000	2,000	2,000
Male	6,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Female	4,000	2,000	1,000	2,000	2,000	1,000	1,000	500	500
Art/humanities/related occupations	1,000	500	500	500	500	500	500	500	500
Male	1,000	*	500	*	*	S	500	500	500
Female	500	500	500	*	500	500	*	S	*
Management-related occupations	3,000	1,000	2,000	1,000	1,000	2,000	1,000	500	1,000
Male	3,000	1,000	2,000	1,000	1,000	1,000	1,000	500	1,000
Female	2,000	1,000	500	500	1,000	1,000	1,000	*	*
Non-S&E managers	3,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	500
Male	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Female	2,000	1,000	1,000	1,000	500	1,000	500	500	500
Non-S&E postsecondary teachers	3,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Male	3,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Female	1,000	1,000	1,000	1,000	500	500	500	500	*
Non-S&E precollege/other teachers	2,000	1,000	500	*	1,000	*	S	1,000	S
Male	1,000	S	S	S	S	S	S	S	S
Female	1,000	500	*	S	1,000	*	S	S	S
Sales/marketing occupations	2,000	500	500	500	1,000	1,000	500	1,000	1,000
Male	2,000	500	500	500	500	1,000	500	1,000	1,000
Female	1,000	*	*	500	1,000	*	*	*	*
Social services/related occupations	2,000	1,000	1,000	1,000	1,000	500	500	1,000	*
Male	2,000	1,000	500	1,000	1,000	500	*	1,000	*
Female	1,000	1,000	1,000	500	*	*	*	S	S

TABLE A-19. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other non-S&E occupations	2,000	1,000	500	1,000	500	1,000	500	1,000	500
Male	2,000	500	500	1,000	500	1,000	500	1,000	500
Female	2,000	1,000	500	1,000	500	500	*	*	*

* = standard error is not calculated when estimate is less than 500; 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/occ03maj.html for a detailed description of the occupational 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.

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
All degree levels and occupations[b]	83,000	35,000	35,000	40,000	41,000	38,000	33,000	28,000	27,000
American Indian/Alaska Native	6,000	2,000	2,000	4,000	2,000	2,000	2,000	1,000	1,000
Asian	21,000	11,000	11,000	11,000	10,000	9,000	9,000	7,000	6,000
Black	20,000	8,000	9,000	10,000	8,000	9,000	7,000	6,000	4,000
Hispanic	20,000	8,000	9,000	9,000	7,000	8,000	7,000	5,000	3,000
White	74,000	24,000	32,000	35,000	35,000	33,000	29,000	28,000	26,000
Other	12,000	6,000	5,000	5,000	5,000	4,000	3,000	3,000	3,000
S&E occupations	43,000	11,000	16,000	18,000	14,000	14,000	12,000	11,000	8,000
American Indian/Alaska Native	3,000	500	1,000	2,000	1,000	2,000	S	S	*
Asian	12,000	6,000	6,000	6,000	5,000	3,000	3,000	2,000	2,000
Black	7,000	3,000	3,000	3,000	3,000	3,000	2,000	1,000	1,000
Hispanic	8,000	3,000	4,000	4,000	2,000	2,000	2,000	1,000	1,000
White	37,000	11,000	13,000	15,000	13,000	13,000	11,000	10,000	8,000
Other	5,000	3,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
Scientists	35,000	10,000	14,000	16,000	12,000	12,000	10,000	9,000	6,000
American Indian/Alaska Native	3,000	500	1,000	2,000	1,000	2,000	S	S	S
Asian	11,000	5,000	6,000	5,000	4,000	3,000	2,000	2,000	1,000
Black	6,000	2,000	3,000	3,000	2,000	2,000	2,000	1,000	1,000
Hispanic	6,000	3,000	3,000	3,000	2,000	2,000	1,000	1,000	1,000
White	32,000	10,000	13,000	14,000	11,000	11,000	9,000	9,000	6,000
Other	4,000	2,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000
Biological/agricultural/other life scientists	12,000	4,000	5,000	5,000	4,000	5,000	3,000	4,000	2,000
American Indian/Alaska Native	2,000	500	*	S	S	1,000	S	S	S
Asian	4,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Black	2,000	1,000	1,000	1,000	1,000	500	500	1,000	S
Hispanic	2,000	1,000	1,000	1,000	1,000	500	500	500	500
White	11,000	3,000	5,000	4,000	4,000	5,000	3,000	3,000	2,000
Other	2,000	1,000	2,000	*	500	500	*	S	S
Agricultural/food scientists	4,000	1,000	2,000	1,000	1,000	2,000	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	500	500	500	S	500	S
Black	500	*	S	S	S	S	S	S	S
Hispanic	1,000	*	*	S	1,000	S	S	S	S
White	4,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000	1,000
Other	1,000	S	S	S	S	S	S	S	S
Biological/medical scientists	10,000	4,000	5,000	4,000	3,000	4,000	2,000	2,000	2,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	4,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Black	1,000	1,000	500	1,000	1,000	500	S	*	S
Hispanic	2,000	1,000	1,000	500	1,000	500	500	500	S
White	8,000	3,000	4,000	4,000	3,000	3,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	*	*	S	S	S	S
Environmental life scientists	4,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	500	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	4,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000	500
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	3,000	1,000	1,000	1,000	2,000	1,000	500	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	500	500	500	*	*	*

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	1,000	*	500	500	S	*	*	1,000	S
Hispanic	500	*	*	*	*	*	S	S	S
White	3,000	1,000	1,000	1,000	2,000	1,000	500	1,000	1,000
Other	500	S	S	S	S	S	S	S	S
Computer/mathematical scientists	27,000	7,000	12,000	14,000	11,000	10,000	9,000	7,000	4,000
American Indian/Alaska Native	1,000	*	1,000	S	1,000	S	S	S	S
Asian	10,000	5,000	5,000	5,000	4,000	3,000	2,000	1,000	1,000
Black	5,000	2,000	3,000	3,000	2,000	2,000	2,000	1,000	1,000
Hispanic	5,000	2,000	2,000	3,000	2,000	2,000	1,000	1,000	500
White	25,000	9,000	10,000	11,000	10,000	9,000	8,000	6,000	4,000
Other	4,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000	S
Computer/information scientists	27,000	7,000	11,000	14,000	11,000	10,000	8,000	6,000	4,000
American Indian/Alaska Native	1,000	S	S	S	1,000	S	S	S	S
Asian	10,000	5,000	5,000	5,000	4,000	3,000	2,000	1,000	1,000
Black	5,000	2,000	3,000	3,000	2,000	2,000	1,000	1,000	500
Hispanic	5,000	2,000	2,000	3,000	2,000	2,000	1,000	1,000	500
White	24,000	9,000	9,000	11,000	9,000	9,000	7,000	6,000	4,000
Other	4,000	2,000	1,000	2,000	1,000	1,000	1,000	500	S
Mathematical scientists	6,000	2,000	3,000	2,000	2,000	2,000	2,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	500	1,000	1,000	S	500	S
Black	1,000	500	500	S	S	*	S	S	S
Hispanic	1,000	500	500	S	S	S	S	S	S
White	5,000	2,000	3,000	2,000	2,000	1,000	2,000	2,000	1,000
Other	500	*	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	4,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	500	500	*	*	*
Black	2,000	500	1,000	1,000	1,000	500	1,000	S	*
Hispanic	1,000	500	500	500	*	*	S	S	S
White	4,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Other	500	S	S	S	S	S	S	S	S
Physical/related scientists	9,000	2,000	3,000	4,000	3,000	3,000	3,000	3,000	2,000
American Indian/Alaska Native	1,000	*	500	S	S	S	S	S	S
Asian	3,000	1,000	1,000	1,000	500	500	1,000	500	1,000
Black	1,000	500	500	500	500	500	500	500	S
Hispanic	2,000	500	1,000	500	1,000	1,000	*	500	*
White	8,000	2,000	3,000	3,000	3,000	3,000	3,000	3,000	2,000
Other	1,000	500	*	500	*	*	500	*	S
Chemists, except biochemists	5,000	2,000	2,000	2,000	1,000	2,000	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	500	500	500	500	1,000
Black	1,000	500	500	*	500	500	*	500	S
Hispanic	1,000	500	1,000	500	500	1,000	S	S	S
White	4,000	1,000	2,000	2,000	1,000	2,000	1,000	2,000	1,000
Other	1,000	500	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	4,000	1,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	1,000	500	*	*	S	S	*	S	500
Black	500	*	S	S	S	S	S	S	S
Hispanic	1,000	*	500	*	500	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	4,000	1,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
Other	500	*	*	S	S	S	S	S	S
Physicists/astronomers	2,000	1,000	1,000	1,000	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	1,000	500	*	S	S	S
Black	*	*	S	S	S	S	S	S	S
Hispanic	500	*	S	*	S	S	S	S	S
White	1,000	1,000	500	500	500	500	500	500	500
Other	*	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	3,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	500	*	*	*	*	500
Black	500	500	*	*	*	*	S	S	S
Hispanic	500	500	*	*	*	*	S	S	*
White	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
Other	500	*	S	S	S	S	S	S	S
Other physical/related scientists	4,000	1,000	1,000	2,000	2,000	1,000	2,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	1,000	S	S	S	S	S	S
Black	500	*	S	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	4,000	1,000	1,000	2,000	2,000	1,000	2,000	1,000	500
Other	500	500	S	S	S	S	S	S	S
Social/related scientists	12,000	5,000	6,000	5,000	4,000	4,000	3,000	3,000	2,000
American Indian/Alaska Native	2,000	*	1,000	1,000	1,000	S	S	S	S
Asian	2,000	1,000	1,000	1,000	1,000	500	*	*	500
Black	2,000	1,000	1,000	1,000	500	500	1,000	1,000	*
Hispanic	2,000	1,000	1,000	1,000	1,000	1,000	500	1,000	500
White	11,000	5,000	5,000	5,000	4,000	3,000	3,000	3,000	2,000
Other	2,000	1,000	500	500	500	1,000	*	*	S
Economists	3,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	*	*	S	S	S	S
Black	500	*	*	S	S	S	S	S	S
Hispanic	1,000	500	S	S	S	*	S	S	S
White	3,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	500
Other	500	S	S	S	S	S	S	S	S
Political/related scientists	3,000	1,000	2,000	2,000	S	1,000	500	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	*	S	S	S	S	S	S	S
Black	500	*	*	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	3,000	1,000	2,000	2,000	S	1,000	500	500	1,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	5,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	500	500	500	*	S	S
Black	1,000	500	500	500	500	*	*	*	S
Hispanic	1,000	500	500	500	*	500	*	*	S
White	4,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	1,000	500	500	*	*	S	S	S	S
Psychologists	6,000	3,000	3,000	3,000	2,000	2,000	2,000	2,000	1,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	*	*	*	*	S	S
Black	1,000	500	500	500	*	500	500	S	S
Hispanic	1,000	1,000	500	1,000	1,000	*	500	S	S
White	6,000	3,000	2,000	3,000	2,000	2,000	2,000	1,000	1,000
Other	1,000	500	*	500	S	*	S	S	S
Sociologists/anthropologists	2,000	2,000	1,000	1,000	1,000	500	1,000	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	*	S	S	S	S	S	S
Black	1,000	*	1,000	S	S	S	S	S	S
Hispanic	1,000	500	1,000	S	S	S	S	S	S
White	2,000	2,000	1,000	1,000	1,000	500	1,000	500	500
Other	*	*	S	S	S	S	S	S	S
Other social/related scientists	7,000	2,000	3,000	3,000	2,000	3,000	2,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	S	S	S	S	S
Black	1,000	500	500	S	S	S	S	S	S
Hispanic	1,000	500	500	1,000	S	S	S	S	S
White	6,000	2,000	3,000	3,000	2,000	2,000	2,000	2,000	2,000
Other	1,000	1,000	*	S	S	S	S	S	S
Engineers	21,000	6,000	7,000	8,000	7,000	9,000	6,000	6,000	6,000
American Indian/Alaska Native	1,000	500	*	S	S	S	S	S	S
Asian	6,000	3,000	3,000	2,000	3,000	2,000	2,000	1,000	1,000
Black	4,000	1,000	2,000	1,000	1,000	2,000	1,000	1,000	1,000
Hispanic	4,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
White	19,000	5,000	6,000	8,000	7,000	8,000	6,000	5,000	5,000
Other	3,000	1,000	1,000	1,000	1,000	500	1,000	1,000	500
Aerospace/aeronautical/astronautical engineers	5,000	2,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	500	500	500	500	500	S
Black	1,000	*	*	1,000	S	S	S	S	S
Hispanic	1,000	500	500	500	500	S	S	S	S
White	4,000	2,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000
Other	1,000	500	*	S	S	S	S	S	S
Chemical engineers	4,000	1,000	1,000	2,000	3,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	1,000	500	500	1,000	500	500	500	1,000	500
Black	1,000	500	500	S	S	S	*	S	S
Hispanic	1,000	500	S	*	500	S	S	S	S
White	3,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000
Other	1,000	*	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	8,000	2,000	3,000	3,000	2,000	3,000	2,000	3,000	2,000
American Indian/Alaska Native	500	*	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	500	1,000	1,000	1,000	1,000
Black	1,000	500	500	500	S	1,000	1,000	S	S
Hispanic	2,000	500	1,000	1,000	1,000	500	500	500	1,000
White	7,000	2,000	3,000	3,000	2,000	3,000	2,000	3,000	2,000
Other	1,000	500	500	1,000	S	S	S	S	S
Electrical/computer hardware engineers	9,000	3,000	3,000	4,000	4,000	4,000	3,000	2,000	2,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Asian	4,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000
Black	2,000	1,000	1,000	1,000	500	1,000	1,000	S	S
Hispanic	2,000	1,000	1,000	1,000	1,000	1,000	500	1,000	S
White	7,000	2,000	3,000	3,000	3,000	4,000	2,000	2,000	2,000
Other	1,000	1,000	500	1,000	S	500	500	S	S
Industrial engineers	6,000	2,000	2,000	3,000	3,000	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	S	S	1,000	S	S
Black	2,000	500	500	1,000	S	S	S	S	S
Hispanic	2,000	500	1,000	S	500	S	S	S	S
White	5,000	1,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
Other	500	500	S	S	S	S	S	S	S
Mechanical engineers	8,000	3,000	3,000	4,000	4,000	3,000	3,000	2,000	3,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Black	2,000	500	500	S	500	S	500	S	S
Hispanic	2,000	500	1,000	1,000	500	500	500	S	S
White	7,000	2,000	3,000	3,000	3,000	3,000	3,000	2,000	3,000
Other	1,000	500	S	500	S	S	S	S	S
Postsecondary teachers-engineering	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	500	*	500	*	500	*
Black	500	*	*	*	*	S	S	*	S
Hispanic	500	*	*	*	S	*	*	S	S
White	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
Other	500	S	S	S	S	S	S	S	S
Other engineers	11,000	3,000	4,000	4,000	4,000	5,000	3,000	3,000	3,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	3,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500
Black	2,000	500	1,000	500	500	1,000	500	S	S
Hispanic	2,000	500	1,000	1,000	1,000	1,000	500	S	S
White	10,000	2,000	3,000	4,000	4,000	5,000	3,000	3,000	3,000
Other	1,000	500	*	S	S	500	S	S	S
S&E-related occupations	45,000	16,000	20,000	21,000	20,000	18,000	17,000	15,000	14,000
American Indian/Alaska Native	4,000	1,000	1,000	2,000	1,000	1,000	2,000	S	S
Asian	13,000	5,000	6,000	6,000	5,000	5,000	5,000	4,000	4,000
Black	11,000	4,000	5,000	5,000	5,000	5,000	4,000	2,000	2,000
Hispanic	10,000	4,000	4,000	4,000	5,000	4,000	4,000	2,000	2,000
White	40,000	12,000	19,000	19,000	18,000	17,000	16,000	14,000	13,000
Other	7,000	4,000	3,000	3,000	3,000	2,000	1,000	2,000	2,000
Health-related occupations	35,000	13,000	17,000	18,000	15,000	16,000	15,000	12,000	10,000
American Indian/Alaska Native	3,000	1,000	S	1,000	1,000	1,000	S	S	S
Asian	11,000	5,000	6,000	5,000	4,000	4,000	5,000	3,000	3,000
Black	9,000	4,000	5,000	4,000	4,000	4,000	3,000	2,000	2,000
Hispanic	8,000	3,000	4,000	3,000	4,000	3,000	3,000	2,000	2,000
White	31,000	10,000	15,000	17,000	13,000	15,000	13,000	11,000	10,000
Other	6,000	3,000	3,000	2,000	2,000	2,000	1,000	2,000	1,000
S&E managers	13,000	3,000	5,000	5,000	6,000	5,000	5,000	4,000	3,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	3,000	1,000	1,000	1,000	2,000	1,000	1,000	500	1,000
Black	3,000	500	2,000	1,000	2,000	1,000	1,000	1,000	S
Hispanic	3,000	1,000	1,000	1,000	1,000	500	500	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	31,000	10,000	15,000	17,000	13,000	15,000	13,000	11,000	10,000
Other	6,000	S	S	2,000	2,000	2,000	S	S	S
S&E precollege teachers	19,000	8,000	8,000	8,000	7,000	7,000	6,000	6,000	5,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	1,000	1,000	1,000	S	S
Black	4,000	2,000	2,000	2,000	1,000	2,000	2,000	1,000	2,000
Hispanic	4,000	2,000	1,000	1,000	2,000	1,000	1,000	1,000	S
White	18,000	7,000	8,000	7,000	7,000	6,000	5,000	5,000	5,000
Other	2,000	2,000	500	S	S	S	S	S	S
S&E technicians/technologists	13,000	3,000	5,000	5,000	5,000	6,000	4,000	4,000	3,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	4,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000
Black	1,000	1,000	1,000	1,000	1,000	1,000	500	S	S
Hispanic	3,000	1,000	1,000	1,000	1,000	1,000	1,000	S	S
White	12,000	3,000	4,000	4,000	4,000	5,000	4,000	4,000	3,000
Other	2,000	1,000	1,000	500	2,000	S	S	S	S
Other S&E-related occupations	9,000	1,000	4,000	5,000	4,000	4,000	4,000	3,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	1,000	1,000	1,000	1,000	1,000	S	1,000
Black	2,000	S	S	1,000	S	S	S	S	S
Hispanic	3,000	500	1,000	1,000	S	1,000	S	500	S
White	8,000	1,000	3,000	5,000	4,000	3,000	3,000	3,000	3,000
Other	1,000	S	S	S	S	S	S	S	S
Non-S&E occupations	73,000	24,000	27,000	31,000	29,000	30,000	25,000	26,000	22,000
American Indian/Alaska Native	4,000	2,000	1,000	3,000	2,000	1,000	1,000	1,000	S
Asian	15,000	7,000	6,000	7,000	6,000	6,000	6,000	5,000	5,000
Black	16,000	7,000	7,000	8,000	6,000	6,000	6,000	5,000	3,000
Hispanic	15,000	6,000	7,000	6,000	5,000	6,000	5,000	4,000	3,000
White	64,000	19,000	24,000	28,000	26,000	26,000	23,000	24,000	21,000
Other	9,000	3,000	4,000	4,000	3,000	2,000	3,000	2,000	2,000
Art/humanities/related occupations	15,000	4,000	5,000	5,000	6,000	5,000	5,000	5,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	2,000	1,000	*	1,000	1,000	S	S	1,000	S
Black	3,000	1,000	2,000	2,000	S	S	S	S	S
Hispanic	3,000	1,000	1,000	1,000	S	S	S	S	S
White	14,000	3,000	4,000	5,000	5,000	5,000	5,000	5,000	4,000
Other	1,000	500	S	S	S	S	S	S	S
Management-related occupations	31,000	8,000	12,000	13,000	11,000	12,000	11,000	10,000	9,000
American Indian/Alaska Native	2,000	500	S	S	S	S	S	S	S
Asian	8,000	4,000	3,000	4,000	2,000	3,000	2,000	2,000	2,000
Black	7,000	2,000	3,000	3,000	3,000	2,000	2,000	2,000	1,000
Hispanic	6,000	2,000	3,000	3,000	2,000	2,000	2,000	2,000	1,000
White	29,000	6,000	11,000	11,000	10,000	11,000	10,000	9,000	9,000
Other	4,000	2,000	1,000	2,000	1,000	1,000	1,000	S	S
Non-S&E managers	26,000	6,000	8,000	11,000	10,000	11,000	10,000	9,000	8,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	5,000	2,000	2,000	2,000	2,000	2,000	2,000	3,000	1,000
Black	6,000	1,000	2,000	3,000	2,000	2,000	2,000	2,000	1,000
Hispanic	5,000	2,000	2,000	2,000	2,000	2,000	1,000	2,000	1,000
White	25,000	5,000	7,000	10,000	9,000	10,000	10,000	9,000	8,000
Other	3,000	1,000	1,000	1,000	2,000	500	1,000	500	500
Non-S&E postsecondary teachers	7,000	4,000	3,000	2,000	2,000	3,000	3,000	3,000	1,000

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	1,000	500	*	500	S	S
Black	1,000	500	1,000	500	*	S	1,000	500	500
Hispanic	2,000	1,000	1,000	500	500	*	1,000	*	S
White	6,000	3,000	3,000	2,000	2,000	3,000	3,000	2,000	1,000
Other	1,000	1,000	500	S	S	S	S	S	S
Non-S&E precollege/other teachers	23,000	9,000	8,000	9,000	8,000	9,000	8,000	6,000	6,000
American Indian/Alaska Native	1,000	500	S	S	S	S	S	S	S
Asian	4,000	2,000	1,000	2,000	2,000	S	S	S	1,000
Black	6,000	2,000	2,000	3,000	2,000	2,000	2,000	2,000	1,000
Hispanic	5,000	2,000	3,000	2,000	2,000	2,000	2,000	1,000	S
White	22,000	8,000	8,000	8,000	7,000	9,000	7,000	5,000	6,000
Other	3,000	1,000	S	2,000	S	S	S	S	S
Sales/marketing occupations	32,000	7,000	12,000	14,000	10,000	12,000	10,000	12,000	12,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	7,000	2,000	3,000	3,000	3,000	3,000	2,000	2,000	2,000
Black	5,000	2,000	2,000	3,000	2,000	2,000	2,000	2,000	2,000
Hispanic	6,000	2,000	2,000	3,000	2,000	2,000	1,000	1,000	2,000
White	29,000	6,000	11,000	13,000	9,000	10,000	10,000	12,000	11,000
Other	4,000	1,000	2,000	2,000	S	2,000	S	S	1,000
Social services/related occupations	18,000	8,000	9,000	8,000	7,000	7,000	5,000	5,000	4,000
American Indian/Alaska Native	1,000	500	S	S	S	S	S	S	S
Asian	3,000	2,000	1,000	1,000	S	500	S	1,000	S
Black	6,000	3,000	3,000	3,000	2,000	2,000	1,000	1,000	S
Hispanic	4,000	2,000	2,000	2,000	1,000	2,000	1,000	1,000	S
White	17,000	6,000	9,000	8,000	7,000	7,000	5,000	4,000	4,000
Other	2,000	1,000	1,000	1,000	S	1,000	S	S	S
Other non-S&E occupations	45,000	15,000	15,000	18,000	17,000	15,000	15,000	16,000	14,000
American Indian/Alaska Native	3,000	1,000	1,000	2,000	S	S	S	S	S
Asian	11,000	6,000	4,000	4,000	4,000	4,000	4,000	3,000	4,000
Black	10,000	4,000	5,000	4,000	4,000	3,000	4,000	3,000	2,000
Hispanic	10,000	3,000	5,000	4,000	3,000	3,000	3,000	2,000	1,000
White	38,000	11,000	13,000	17,000	15,000	13,000	13,000	14,000	13,000
Other	5,000	3,000	3,000	2,000	1,000	1,000	2,000	2,000	1,000
Bachelor's degrees, all occupations	70,000	28,000	28,000	31,000	26,000	30,000	28,000	24,000	23,000
American Indian/Alaska Native	5,000	1,000	2,000	3,000	2,000	2,000	2,000	1,000	1,000
Asian	18,000	7,000	7,000	8,000	9,000	7,000	8,000	6,000	5,000
Black	16,000	6,000	7,000	7,000	6,000	7,000	6,000	5,000	3,000
Hispanic	17,000	6,000	8,000	7,000	5,000	7,000	6,000	4,000	3,000
White	62,000	18,000	25,000	27,000	23,000	27,000	24,000	23,000	22,000
Other	11,000	5,000	4,000	5,000	4,000	3,000	2,000	3,000	2,000
S&E occupations	32,000	9,000	12,000	15,000	12,000	11,000	10,000	9,000	7,000
American Indian/Alaska Native	3,000	500	1,000	1,000	1,000	2,000	S	S	S
Asian	9,000	4,000	4,000	5,000	4,000	2,000	2,000	1,000	2,000
Black	6,000	2,000	3,000	3,000	2,000	3,000	2,000	1,000	1,000
Hispanic	6,000	2,000	3,000	4,000	2,000	2,000	1,000	1,000	1,000
White	29,000	10,000	11,000	12,000	11,000	10,000	10,000	9,000	6,000
Other	5,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Scientists	26,000	7,000	12,000	13,000	10,000	10,000	9,000	7,000	5,000
American Indian/Alaska Native	2,000	500	1,000	1,000	1,000	2,000	S	S	S
Asian	8,000	4,000	4,000	4,000	3,000	2,000	1,000	1,000	1,000
Black	5,000	1,000	2,000	3,000	2,000	2,000	2,000	1,000	1,000

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	5,000	2,000	2,000	3,000	2,000	2,000	1,000	1,000	500
White	25,000	9,000	10,000	11,000	10,000	9,000	8,000	7,000	5,000
Other	4,000	2,000	2,000	2,000	1,000	1,000	1,000	500	S
Biological/agricultural/other life scientists	9,000	3,000	5,000	4,000	3,000	4,000	3,000	3,000	2,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	3,000	1,000	2,000	S	1,000	500	1,000	1,000	1,000
Black	1,000	500	S	S	S	S	S	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S	S
White	9,000	3,000	4,000	4,000	3,000	4,000	3,000	3,000	1,000
Other	2,000	1,000	1,000	S	S	S	S	S	S
Agricultural/food scientists	4,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	4,000	1,000	1,000	500	500	2,000	2,000	2,000	1,000
Other	1,000	S	S	S	S	S	S	S	S
Biological/medical scientists	8,000	3,000	4,000	4,000	3,000	3,000	2,000	2,000	1,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	3,000	1,000	2,000	S	1,000	500	500	1,000	S
Black	1,000	500	S	S	S	S	S	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S	S
White	7,000	2,000	4,000	4,000	2,000	2,000	2,000	1,000	1,000
Other	1,000	500	S	S	S	S	S	S	S
Environmental life scientists	3,000	500	500	1,000	1,000	2,000	1,000	2,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	3,000	500	500	1,000	S	2,000	1,000	2,000	500
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	2,000	1,000	1,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	1,000	1,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	23,000	5,000	10,000	12,000	9,000	9,000	8,000	6,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	7,000	4,000	3,000	4,000	3,000	2,000	1,000	1,000	1,000
Black	5,000	1,000	2,000	3,000	2,000	2,000	1,000	1,000	1,000
Hispanic	4,000	1,000	2,000	3,000	1,000	2,000	1,000	500	S
White	22,000	8,000	9,000	10,000	8,000	8,000	7,000	6,000	4,000
Other	3,000	2,000	1,000	2,000	1,000	1,000	1,000	S	S
Computer/information scientists	23,000	5,000	9,000	12,000	9,000	9,000	7,000	6,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	7,000	4,000	3,000	4,000	3,000	2,000	1,000	1,000	1,000
Black	4,000	1,000	2,000	2,000	2,000	2,000	1,000	1,000	500
Hispanic	4,000	1,000	2,000	3,000	1,000	2,000	1,000	500	S
White	21,000	8,000	8,000	10,000	8,000	8,000	7,000	5,000	4,000

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	3,000	2,000	1,000	2,000	1,000	1,000	1,000	S	S
Mathematical scientists	4,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	S	S	S	S	S	S	S
Black	500	*	S	S	S	S	S	S	S
Hispanic	1,000	500	S	S	S	S	S	S	S
White	4,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	3,000	1,000	2,000	1,000	S	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	S	S	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	500	*	S	S	S	S	S	S	S
White	2,000	1,000	2,000	500	S	S	S	1,000	S
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	7,000	2,000	3,000	3,000	2,000	3,000	3,000	2,000	1,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	S	S	500	S	S	1,000
Black	1,000	500	*	S	S	500	S	500	S
Hispanic	1,000	500	1,000	500	S	1,000	S	S	S
White	7,000	2,000	2,000	3,000	2,000	3,000	3,000	2,000	1,000
Other	1,000	500	S	S	S	S	S	S	S
Chemists, except biochemists	5,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	500	S	S	1,000
Black	1,000	500	S	S	S	S	S	S	S
Hispanic	1,000	500	1,000	S	S	S	S	S	S
White	4,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000
Other	500	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	3,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	S	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	500	*	*	S	S	S	S	S	S
White	3,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	500
Other	*	S	S	S	S	S	S	S	S
Physicists/astronomers	1,000	500	500	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	1,000	500	500	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	2,000	1,000	500	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	S	S	S	S	S	S	S
Black	*	*	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	2,000	1,000	500	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other physical/related scientists	3,000	1,000	1,000	2,000	1,000	1,000	2,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	500	S	S	S	S	S	S	S	S
Hispanic	500	S	S	S	S	S	S	S	S
White	3,000	1,000	1,000	2,000	1,000	1,000	2,000	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	7,000	3,000	4,000	3,000	3,000	2,000	2,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	1,000	500	1,000	S	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S	S
White	6,000	3,000	3,000	3,000	3,000	2,000	2,000	2,000	2,000
Other	1,000	1,000	S	S	S	S	S	S	S
Economists	2,000	1,000	1,000	S	500	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	1,000	500	S	S	500	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	2,000	1,000	2,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	1,000	2,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	3,000	1,000	1,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	3,000	1,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Psychologists	3,000	2,000	1,000	S	1,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	1,000	1,000	S	S	S	S	S	S	S
White	3,000	2,000	1,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists	2,000	2,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S	S
White	2,000	2,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other social/related scientists	5,000	1,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Asian	1,000	S	S	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	1,000	500	S	S	S	S	S	S	S
White	5,000	1,000	2,000	2,000	2,000	1,000	2,000	1,000	1,000
Other	1,000	S	S	S	S	S	S	S	S
Engineers	16,000	5,000	5,000	7,000	6,000	7,000	5,000	5,000	5,000
American Indian/Alaska Native	1,000	500	S	S	S	S	S	S	S
Asian	4,000	2,000	2,000	2,000	2,000	1,000	2,000	1,000	1,000
Black	3,000	1,000	1,000	1,000	1,000	2,000	1,000	1,000	S
Hispanic	4,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
White	15,000	4,000	5,000	7,000	6,000	6,000	5,000	5,000	4,000
Other	2,000	1,000	1,000	1,000	1,000	500	1,000	1,000	500
Aerospace/aeronautical/astronautical engineers	4,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	S	S	S	S	S	S	S
Black	1,000	*	S	500	S	S	S	S	S
Hispanic	1,000	500	500	S	S	S	S	S	S
White	4,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000
Other	1,000	*	S	S	S	S	S	S	S
Chemical engineers	3,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	1,000	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	1,000	500	S	S	S	S	S	S	S
White	3,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000
Other	1,000	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	6,000	1,000	2,000	3,000	2,000	2,000	2,000	3,000	2,000
American Indian/Alaska Native	500	*	S	S	S	S	S	S	S
Asian	1,000	500	1,000	500	500	1,000	1,000	500	1,000
Black	1,000	500	500	S	S	1,000	500	S	S
Hispanic	2,000	500	1,000	1,000	1,000	500	500	500	1,000
White	6,000	1,000	2,000	3,000	2,000	2,000	2,000	2,000	2,000
Other	1,000	500	S	S	S	S	S	S	S
Electrical/computer hardware engineers	7,000	2,000	3,000	3,000	3,000	3,000	2,000	2,000	2,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
Black	1,000	500	500	1,000	500	1,000	1,000	S	S
Hispanic	2,000	1,000	1,000	1,000	1,000	1,000	500	S	S
White	6,000	1,000	2,000	3,000	3,000	3,000	2,000	2,000	2,000
Other	1,000	500	S	1,000	S	500	S	S	S
Industrial engineers	5,000	1,000	2,000	3,000	2,000	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	S	S	S	S	S	S	S
Black	2,000	*	S	S	S	S	S	S	S
Hispanic	1,000	500	1,000	S	500	S	S	S	S
White	4,000	1,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000
Other	500	*	S	S	S	S	S	S	S
Mechanical engineers	6,000	1,000	3,000	3,000	3,000	2,000	3,000	2,000	2,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	2,000	500	500	1,000	1,000	1,000	1,000	1,000	1,000
Black	1,000	*	500	S	S	S	500	S	S
Hispanic	2,000	500	1,000	1,000	500	500	500	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	6,000	1,000	2,000	3,000	3,000	2,000	3,000	2,000	2,000
Other	1,000	500	S	500	S	S	S	S	S
Postsecondary teachers-engineering	1,000	500	S	S	S	S	S	S	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	1,000	500	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other engineers	9,000	2,000	3,000	4,000	4,000	4,000	3,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	1,000	500	1,000	S	500
Black	1,000	500	1,000	S	500	S	S	S	S
Hispanic	2,000	500	500	1,000	1,000	1,000	500	S	S
White	8,000	1,000	3,000	4,000	3,000	4,000	3,000	3,000	2,000
Other	1,000	500	S	S	S	S	S	S	S
S&E-related occupations	35,000	10,000	16,000	17,000	15,000	15,000	15,000	13,000	11,000
American Indian/Alaska Native	4,000	1,000	1,000	2,000	S	S	2,000	S	S
Asian	10,000	3,000	4,000	4,000	4,000	4,000	5,000	3,000	3,000
Black	9,000	3,000	4,000	4,000	4,000	4,000	3,000	2,000	2,000
Hispanic	8,000	2,000	3,000	3,000	3,000	3,000	3,000	2,000	2,000
White	31,000	8,000	15,000	15,000	14,000	13,000	14,000	12,000	10,000
Other	6,000	3,000	3,000	2,000	3,000	2,000	1,000	1,000	1,000
Health-related occupations	29,000	8,000	13,000	15,000	12,000	13,000	13,000	10,000	8,000
American Indian/Alaska Native	3,000	1,000	S	S	S	S	S	S	S
Asian	9,000	3,000	3,000	4,000	3,000	3,000	5,000	3,000	3,000
Black	8,000	3,000	4,000	4,000	3,000	4,000	3,000	1,000	1,000
Hispanic	6,000	2,000	3,000	2,000	3,000	3,000	2,000	1,000	1,000
White	25,000	7,000	12,000	13,000	11,000	12,000	11,000	9,000	7,000
Other	6,000	3,000	3,000	2,000	2,000	1,000	1,000	S	S
S&E managers	10,000	1,000	4,000	3,000	5,000	4,000	4,000	3,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	S	S	1,000	1,000	1,000	1,000	S	S
Black	2,000	S	1,000	S	2,000	1,000	S	S	S
Hispanic	2,000	500	1,000	1,000	1,000	S	S	S	S
White	25,000	7,000	12,000	13,000	11,000	12,000	11,000	9,000	7,000
Other	6,000	S	S	S	S	S	S	S	S
S&E precollege teachers	12,000	3,000	6,000	5,000	5,000	4,000	4,000	4,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	S	S	S	S	S	S
Black	3,000	500	1,000	2,000	S	S	S	S	1,000
Hispanic	3,000	1,000	1,000	1,000	1,000	1,000	1,000	S	S
White	11,000	2,000	6,000	5,000	5,000	4,000	4,000	4,000	4,000
Other	1,000	*	S	S	S	S	S	S	S
S&E technicians/technologists	11,000	3,000	5,000	4,000	5,000	5,000	4,000	4,000	3,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	4,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Black	1,000	500	S	1,000	1,000	1,000	S	S	S
Hispanic	3,000	500	1,000	1,000	1,000	1,000	1,000	S	S
White	10,000	3,000	4,000	4,000	4,000	5,000	4,000	4,000	2,000
Other	2,000	1,000	S	S	1,000	S	S	S	S
Other S&E-related occupations	8,000	1,000	3,000	5,000	3,000	3,000	3,000	3,000	3,000

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	500	1,000	1,000	S	500	1,000	S	1,000
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	2,000	S	S	1,000	S	1,000	S	S	S
White	7,000	1,000	3,000	4,000	3,000	3,000	3,000	3,000	3,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	61,000	17,000	20,000	25,000	22,000	23,000	21,000	21,000	20,000
American Indian/Alaska Native	3,000	1,000	1,000	3,000	S	1,000	S	S	S
Asian	13,000	5,000	4,000	6,000	6,000	5,000	5,000	5,000	4,000
Black	13,000	4,000	6,000	6,000	6,000	5,000	5,000	5,000	3,000
Hispanic	13,000	4,000	6,000	6,000	4,000	5,000	4,000	3,000	2,000
White	53,000	11,000	18,000	22,000	18,000	20,000	19,000	20,000	19,000
Other	7,000	2,000	3,000	4,000	3,000	2,000	2,000	2,000	1,000
Art/humanities/related occupations	11,000	2,000	4,000	5,000	5,000	4,000	4,000	4,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	S	S	S	S	S	S	S
Black	2,000	500	1,000	2,000	S	S	S	S	S
Hispanic	2,000	1,000	S	S	S	S	S	S	S
White	11,000	2,000	4,000	4,000	5,000	4,000	4,000	4,000	3,000
Other	500	S	S	S	S	S	S	S	S
Management-related occupations	25,000	4,000	10,000	12,000	9,000	8,000	10,000	9,000	7,000
American Indian/Alaska Native	1,000	*	S	S	S	S	S	S	S
Asian	7,000	2,000	2,000	3,000	2,000	2,000	2,000	1,000	1,000
Black	6,000	1,000	2,000	2,000	3,000	2,000	2,000	2,000	1,000
Hispanic	5,000	1,000	2,000	2,000	1,000	2,000	1,000	2,000	1,000
White	22,000	4,000	8,000	11,000	8,000	8,000	9,000	8,000	7,000
Other	3,000	1,000	1,000	S	S	S	S	S	S
Non-S&E managers	19,000	2,000	4,000	8,000	8,000	9,000	7,000	7,000	7,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	4,000	S	S	2,000	1,000	1,000	1,000	2,000	1,000
Black	4,000	1,000	1,000	S	1,000	2,000	1,000	1,000	S
Hispanic	3,000	500	S	1,000	2,000	2,000	1,000	1,000	S
White	19,000	2,000	3,000	7,000	7,000	8,000	7,000	7,000	7,000
Other	2,000	S	S	S	S	S	S	S	S
Non-S&E postsecondary teachers	4,000	1,000	1,000	S	1,000	S	2,000	S	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	S	S	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	1,000	500	S	S	S	S	S	S	S
White	3,000	1,000	1,000	S	S	S	2,000	S	1,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	18,000	4,000	6,000	6,000	7,000	8,000	6,000	5,000	5,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	3,000	1,000	S	2,000	S	S	S	S	S
Black	4,000	1,000	1,000	2,000	2,000	S	2,000	2,000	1,000
Hispanic	4,000	1,000	2,000	2,000	2,000	2,000	2,000	S	S
White	16,000	4,000	5,000	5,000	6,000	7,000	5,000	4,000	5,000
Other	2,000	1,000	S	S	S	S	S	S	S
Sales/marketing occupations	29,000	5,000	11,000	13,000	10,000	10,000	8,000	10,000	11,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	6,000	2,000	3,000	2,000	2,000	3,000	2,000	2,000	2,000
Black	5,000	1,000	1,000	2,000	2,000	2,000	2,000	2,000	2,000

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	5,000	1,000	2,000	3,000	2,000	2,000	1,000	1,000	1,000
White	26,000	4,000	9,000	12,000	9,000	9,000	8,000	10,000	11,000
Other	4,000	1,000	2,000	2,000	S	2,000	S	S	S
Social services/related occupations	12,000	5,000	6,000	6,000	4,000	4,000	4,000	3,000	3,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	2,000	1,000	S	S	S	S	S	S	S
Black	4,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000	S
Hispanic	3,000	2,000	2,000	2,000	1,000	S	1,000	S	S
White	11,000	4,000	6,000	5,000	4,000	4,000	3,000	3,000	3,000
Other	1,000	1,000	S	S	S	S	S	S	S
Other non-S&E occupations	36,000	12,000	12,000	14,000	13,000	12,000	12,000	14,000	13,000
American Indian/Alaska Native	3,000	500	S	2,000	S	S	S	S	S
Asian	10,000	5,000	3,000	3,000	4,000	3,000	4,000	3,000	3,000
Black	9,000	2,000	4,000	3,000	4,000	3,000	4,000	3,000	1,000
Hispanic	8,000	2,000	4,000	4,000	3,000	3,000	3,000	2,000	1,000
White	32,000	8,000	11,000	13,000	11,000	11,000	10,000	12,000	12,000
Other	4,000	2,000	2,000	2,000	1,000	1,000	2,000	2,000	1,000
Master's degrees, all occupations	46,000	20,000	20,000	21,000	21,000	18,000	16,000	13,000	13,000
American Indian/Alaska Native	3,000	2,000	1,000	1,000	1,000	1,000	S	S	S
Asian	12,000	7,000	6,000	5,000	4,000	4,000	4,000	3,000	3,000
Black	12,000	6,000	6,000	6,000	4,000	4,000	4,000	2,000	2,000
Hispanic	9,000	6,000	5,000	4,000	3,000	3,000	2,000	2,000	1,000
White	41,000	17,000	19,000	19,000	19,000	16,000	15,000	12,000	12,000
Other	6,000	3,000	3,000	2,000	2,000	2,000	1,000	1,000	1,000
S&E occupations	20,000	7,000	9,000	8,000	8,000	8,000	5,000	5,000	4,000
American Indian/Alaska Native	1,000	*	1,000	S	S	S	S	S	S
Asian	8,000	4,000	4,000	3,000	3,000	2,000	2,000	1,000	1,000
Black	4,000	2,000	2,000	1,000	2,000	1,000	1,000	500	S
Hispanic	3,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000
White	17,000	6,000	7,000	7,000	7,000	7,000	5,000	5,000	4,000
Other	2,000	1,000	1,000	1,000	1,000	1,000	500	500	500
Scientists	17,000	7,000	7,000	7,000	7,000	7,000	4,000	4,000	3,000
American Indian/Alaska Native	1,000	*	1,000	S	S	S	S	S	S
Asian	7,000	4,000	4,000	3,000	3,000	2,000	1,000	1,000	500
Black	3,000	2,000	2,000	1,000	1,000	500	1,000	500	S
Hispanic	3,000	2,000	1,000	1,000	1,000	1,000	1,000	500	500
White	15,000	5,000	6,000	7,000	6,000	6,000	4,000	4,000	3,000
Other	2,000	1,000	1,000	1,000	S	1,000	500	500	S
Biological/agricultural/other life scientists	5,000	2,000	2,000	2,000	2,000	3,000	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	500	1,000	S	500	S
Black	1,000	1,000	S	S	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S	S
White	5,000	2,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
Other	1,000	500	S	S	S	S	S	S	S
Agricultural/food scientists	2,000	1,000	1,000	S	1,000	1,000	S	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	500	*	S	S	S	S	S	S	S
White	2,000	1,000	1,000	S	1,000	1,000	S	500	S
Other	S	S	S	S	S	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Biological/medical scientists	4,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	500	500	S	500	S
Black	1,000	1,000	S	S	S	S	S	S	S
Hispanic	1,000	500	500	S	S	S	S	S	S
White	4,000	2,000	1,000	2,000	2,000	2,000	1,000	1,000	S
Other	1,000	500	S	S	S	S	S	S	S
Environmental life scientists	2,000	500	1,000	S	S	1,000	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	500	1,000	S	S	1,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	2,000	1,000	1,000	1,000	500	S	500	S	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	500	*	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	2,000	1,000	1,000	S	500	S	S	S	500
Other	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	13,000	5,000	6,000	6,000	6,000	5,000	3,000	3,000	2,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	6,000	3,000	3,000	3,000	3,000	2,000	1,000	1,000	S
Black	3,000	1,000	2,000	1,000	1,000	500	1,000	500	S
Hispanic	2,000	1,000	1,000	1,000	1,000	S	500	S	S
White	12,000	4,000	5,000	5,000	5,000	4,000	3,000	3,000	2,000
Other	2,000	1,000	500	1,000	S	S	S	S	S
Computer/information scientists	13,000	5,000	5,000	5,000	6,000	4,000	3,000	3,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	3,000	3,000	2,000	3,000	2,000	1,000	1,000	S
Black	3,000	1,000	2,000	1,000	1,000	500	1,000	500	S
Hispanic	2,000	1,000	1,000	1,000	500	S	500	S	S
White	11,000	3,000	4,000	5,000	5,000	4,000	3,000	2,000	1,000
Other	2,000	1,000	500	1,000	S	S	S	S	S
Mathematical scientists	4,000	2,000	1,000	2,000	1,000	1,000	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	S	1,000	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	500	*	S	S	S	S	S	S	S
White	3,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	500	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	4,000	1,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	2,000	1,000	500	1,000	S	S	500	S	500
Black	500	500	S	S	S	S	S	S	S
Hispanic	1,000	500	500	S	S	S	S	S	S
White	4,000	1,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000
Other	500	500	S	S	S	S	S	S	S
Chemists, except biochemists	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	1,000	S	S	S	S	*
Black	500	*	S	S	S	S	S	S	S
Hispanic	500	*	S	S	S	S	S	S	S
White	2,000	1,000	500	1,000	1,000	1,000	1,000	1,000	500
Other	S	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	S	S	S	S	S	S	S
Black	*	*	S	S	S	S	S	S	S
Hispanic	500	*	S	S	S	S	S	S	S
White	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Other	500	S	S	S	S	S	S	S	S
Physicists/astronomers	1,000	500	500	500	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	1,000	500	500	500	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	2,000	500	1,000	S	1,000	1,000	S	500	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	2,000	500	1,000	S	1,000	1,000	S	500	1,000
Other	S	S	S	S	S	S	S	S	S
Other physical/related scientists	2,000	500	500	500	1,000	500	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	500	S	S	S	S	S	S	S	S
White	2,000	500	500	S	1,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	9,000	4,000	4,000	4,000	3,000	3,000	2,000	2,000	2,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	S	1,000	S	S	S	S
Black	1,000	500	1,000	1,000	S	S	S	S	S
Hispanic	1,000	500	500	1,000	500	S	S	S	S
White	8,000	3,000	3,000	4,000	2,000	3,000	2,000	2,000	2,000
Other	1,000	500	S	S	S	S	S	S	S
Economists	3,000	500	1,000	2,000	S	1,000	1,000	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	S	S	S	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	S	S	S	S	S	S	S	S	S
Hispanic	500	*	S	S	S	S	S	S	S
White	2,000	500	1,000	2,000	S	1,000	S	500	500
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	2,000	500	1,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	500	1,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	3,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S	S
Black	1,000	*	S	S	S	S	S	S	S
Hispanic	1,000	500	S	S	S	S	S	S	S
White	3,000	2,000	1,000	1,000	1,000	S	1,000	1,000	500
Other	500	S	S	S	S	S	S	S	S
Psychologists	5,000	2,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	1,000	500	S	500	S	S	S	S	S
Hispanic	1,000	500	*	S	500	S	S	S	S
White	5,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
Other	500	S	S	S	S	S	S	S	S
Sociologists/anthropologists	2,000	1,000	1,000	S	S	500	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	1,000	500	S	S	500	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other social/related scientists	4,000	2,000	2,000	2,000	1,000	2,000	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	S	S	S	S	S	S	S
Black	500	*	S	S	S	S	S	S	S
Hispanic	1,000	*	S	S	S	S	S	S	S
White	4,000	2,000	2,000	1,000	1,000	2,000	1,000	1,000	S
Other	S	S	S	S	S	S	S	S	S
Engineers	10,000	4,000	4,000	4,000	4,000	4,000	3,000	3,000	3,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	4,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Black	2,000	1,000	500	1,000	S	S	500	S	S
Hispanic	2,000	1,000	1,000	1,000	500	500	S	500	S
White	9,000	3,000	4,000	3,000	3,000	4,000	3,000	2,000	3,000
Other	1,000	500	500	500	500	S	S	S	S
Aerospace/aeronautical/astronautical engineers	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	S	S	S	S	S	S	S
Black	500	*	S	S	S	S	S	S	S
Hispanic	500	*	S	S	S	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500
Other	*	S	S	S	S	S	S	S	S
Chemical engineers	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	S	S	S	S	1,000	S
Black	500	*	S	S	S	S	S	S	S
Hispanic	500	500	S	S	S	S	S	S	S
White	2,000	500	500	1,000	1,000	1,000	500	500	500
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	4,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	500	500	500	500	500	1,000
Black	500	500	S	500	S	S	S	S	S
Hispanic	1,000	500	500	500	S	S	S	S	S
White	4,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Other	500	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	5,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	S
Black	1,000	1,000	500	500	S	S	S	S	S
Hispanic	1,000	500	1,000	1,000	S	S	S	S	S
White	4,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	1,000
Other	500	500	S	S	S	S	S	S	S
Industrial engineers	3,000	1,000	1,000	1,000	1,000	1,000	500	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	1,000	*	500	S	S	S	S	S	S
White	2,000	1,000	1,000	500	1,000	1,000	500	1,000	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	4,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	1,000	500	500	500	500	S
Black	1,000	500	S	S	S	S	S	S	S
Hispanic	1,000	500	500	500	S	S	S	S	S
White	4,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Other	500	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	1,000	1,000	500	S	S	500	S	500	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	1,000	500	500	S	S	500	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other engineers	5,000	2,000	2,000	2,000	2,000	2,000	2,000	1,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	500	S	S	500	S
Black	1,000	500	*	500	S	S	S	S	S
Hispanic	1,000	500	500	S	S	S	S	S	S
White	5,000	2,000	2,000	2,000	2,000	2,000	2,000	1,000	2,000
Other	500	*	S	S	S	S	S	S	S
S&E-related occupations	24,000	10,000	12,000	10,000	9,000	8,000	7,000	5,000	5,000

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S	S
Asian	6,000	3,000	3,000	2,000	2,000	2,000	2,000	1,000	1,000
Black	6,000	2,000	3,000	3,000	2,000	2,000	2,000	1,000	S
Hispanic	5,000	3,000	2,000	2,000	2,000	1,000	1,000	S	S
White	22,000	9,000	11,000	9,000	8,000	7,000	7,000	5,000	4,000
Other	3,000	2,000	1,000	1,000	S	1,000	S	S	S
Health-related occupations	15,000	7,000	9,000	6,000	7,000	6,000	5,000	3,000	3,000
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S	S
Asian	5,000	2,000	2,000	1,000	2,000	2,000	2,000	1,000	1,000
Black	4,000	2,000	2,000	2,000	2,000	1,000	1,000	S	S
Hispanic	3,000	1,000	2,000	2,000	1,000	1,000	S	S	S
White	14,000	6,000	8,000	6,000	6,000	5,000	5,000	3,000	2,000
Other	1,000	1,000	S	S	S	S	S	S	S
S&E managers	8,000	2,000	3,000	4,000	3,000	3,000	3,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	1,000	1,000	500	S	S
Black	2,000	500	1,000	S	S	S	S	S	S
Hispanic	2,000	1,000	1,000	1,000	S	S	S	S	S
White	14,000	6,000	8,000	6,000	6,000	5,000	5,000	3,000	2,000
Other	1,000	S	S	S	S	S	S	S	S
S&E precollege teachers	14,000	7,000	7,000	6,000	4,000	5,000	4,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	S	S	S	S	S
Black	4,000	2,000	2,000	1,000	S	S	1,000	500	S
Hispanic	2,000	2,000	1,000	1,000	1,000	S	S	S	S
White	13,000	7,000	6,000	6,000	4,000	4,000	3,000	3,000	2,000
Other	2,000	2,000	S	S	S	S	S	S	S
S&E technicians/technologists	5,000	2,000	2,000	1,000	2,000	2,000	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	S	S	500	S	S
Black	1,000	500	1,000	S	S	S	S	S	S
Hispanic	1,000	1,000	500	S	S	S	S	S	S
White	4,000	2,000	2,000	1,000	1,000	2,000	2,000	1,000	1,000
Other	500	S	S	S	S	S	S	S	S
Other S&E-related occupations	5,000	1,000	2,000	3,000	2,000	2,000	2,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	1,000	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S	S
White	5,000	1,000	2,000	2,000	2,000	2,000	2,000	1,000	2,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	41,000	16,000	17,000	17,000	16,000	14,000	13,000	12,000	10,000
American Indian/Alaska Native	2,000	1,000	1,000	S	1,000	S	S	S	S
Asian	8,000	4,000	4,000	3,000	3,000	2,000	3,000	2,000	2,000
Black	10,000	5,000	4,000	4,000	3,000	3,000	3,000	2,000	1,000
Hispanic	8,000	4,000	4,000	3,000	3,000	3,000	2,000	1,000	S
White	37,000	14,000	15,000	15,000	14,000	13,000	12,000	11,000	10,000
Other	4,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Art/humanities/related occupations	8,000	3,000	2,000	3,000	2,000	2,000	3,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	S	S	S	S	S	S	S
Black	2,000	1,000	S	S	S	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	1,000	1,000	S	S	S	S	S	S	S
White	7,000	2,000	2,000	3,000	2,000	2,000	3,000	2,000	2,000
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	17,000	6,000	8,000	7,000	6,000	7,000	5,000	4,000	5,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	5,000	3,000	2,000	1,000	1,000	1,000	1,000	1,000	S
Black	4,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	S
Hispanic	4,000	2,000	2,000	1,000	1,000	1,000	1,000	S	S
White	16,000	5,000	6,000	6,000	6,000	6,000	5,000	4,000	5,000
Other	2,000	1,000	S	S	S	S	S	S	S
Non-S&E managers	18,000	5,000	7,000	7,000	7,000	6,000	6,000	5,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	3,000	1,000	1,000	1,000	1,000	1,000	1,000	S	S
Black	4,000	1,000	2,000	2,000	S	1,000	2,000	1,000	S
Hispanic	3,000	2,000	1,000	1,000	2,000	1,000	1,000	1,000	S
White	16,000	4,000	6,000	6,000	6,000	6,000	6,000	5,000	4,000
Other	2,000	S	S	S	1,000	S	S	S	S
Non-S&E postsecondary teachers	5,000	3,000	3,000	1,000	1,000	2,000	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	S	S	S	S	S	S	S
Black	1,000	500	S	S	S	S	S	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S	S
White	4,000	2,000	2,000	1,000	1,000	2,000	1,000	2,000	1,000
Other	1,000	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	15,000	8,000	6,000	6,000	4,000	5,000	5,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	S	1,000	S	S	S	S	S
Black	4,000	1,000	2,000	2,000	1,000	2,000	S	S	S
Hispanic	3,000	2,000	2,000	S	S	S	S	S	S
White	14,000	7,000	6,000	6,000	4,000	5,000	5,000	3,000	3,000
Other	2,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	15,000	5,000	5,000	6,000	4,000	5,000	5,000	5,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000	S
Black	3,000	2,000	1,000	1,000	S	S	S	S	S
Hispanic	3,000	2,000	1,000	1,000	1,000	S	S	S	S
White	13,000	4,000	5,000	5,000	3,000	5,000	4,000	5,000	4,000
Other	2,000	S	S	S	S	S	S	S	S
Social services/related occupations	13,000	6,000	7,000	6,000	5,000	5,000	4,000	3,000	3,000
American Indian/Alaska Native	1,000	500	S	S	S	S	S	S	S
Asian	2,000	1,000	S	1,000	S	S	S	S	S
Black	4,000	2,000	2,000	2,000	2,000	2,000	1,000	S	S
Hispanic	3,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	S
White	13,000	5,000	6,000	6,000	5,000	5,000	4,000	3,000	3,000
Other	2,000	1,000	1,000	S	S	S	S	S	S
Other non-S&E occupations	18,000	6,000	7,000	8,000	6,000	7,000	5,000	5,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	4,000	2,000	2,000	1,000	2,000	1,000	2,000	1,000	1,000
Black	5,000	2,000	2,000	2,000	1,000	S	1,000	S	S
Hispanic	4,000	1,000	2,000	2,000	1,000	1,000	S	S	S
White	15,000	6,000	6,000	7,000	6,000	6,000	5,000	5,000	4,000
Other	2,000	1,000	S	S	S	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Doctorate degrees, all occupations	9,000	4,000	4,000	4,000	3,000	3,000	3,000	3,000	2,000
American Indian/Alaska Native	500	500	*	*	*	*	S	S	S
Asian	3,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Black	2,000	1,000	500	1,000	500	1,000	1,000	500	*
Hispanic	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
White	8,000	4,000	3,000	3,000	3,000	3,000	3,000	2,000	2,000
Other	1,000	1,000	500	500	500	500	500	500	*
S&E occupations	5,000	3,000	2,000	2,000	2,000	1,000	2,000	1,000	1,000
American Indian/Alaska Native	500	500	*	*	*	*	S	S	S
Asian	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500
Black	1,000	500	500	1,000	500	500	500	500	*
Hispanic	1,000	500	500	500	500	500	500	500	500
White	5,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Other	500	500	500	500	500	500	*	*	*
Scientists	5,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
American Indian/Alaska Native	500	500	*	*	*	S	S	S	S
Asian	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500
Black	1,000	500	500	1,000	500	500	500	500	*
Hispanic	1,000	500	500	500	500	500	500	500	500
White	4,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Other	500	500	500	500	500	*	*	*	*
Biological/agricultural/other life scientists	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	1,000	500	500	500	*
Black	1,000	500	500	1,000	*	*	*	*	S
Hispanic	500	500	500	500	500	*	*	*	S
White	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Other	500	*	*	*	*	*	*	S	S
Agricultural/food scientists	1,000	500	500	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	*	*	*	S	S	*	S
Black	*	*	S	S	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S	S
White	500	500	500	500	500	500	500	500	500
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500
American Indian/Alaska Native	500	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	1,000	1,000	500	500	500	*
Black	1,000	500	*	500	*	S	S	*	S
Hispanic	500	500	500	500	500	S	*	S	S
White	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	500
Other	500	*	*	*	*	S	S	S	S
Environmental life scientists	500	*	*	*	*	*	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	500	*	*	*	*	*	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	500	1,000	1,000	1,000	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Asian	500	S	*	500	500	*	*	*	*
Black	500	S	*	500	S	*	*	*	S
Hispanic	500	*	*	*	*	*	S	S	S
White	1,000	500	1,000	500	500	500	500	500	500
Other	500	S	S	S	S	S	S	S	S
Computer/mathematical scientists	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	500	500	*	500	*
Black	500	*	*	500	*	*	S	*	S
Hispanic	500	*	*	*	*	*	*	*	S
White	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Other	500	*	*	*	S	S	S	S	S
Computer/information scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	1,000	500	500	500	*	*	S
Black	500	*	*	S	S	S	S	S	S
Hispanic	500	*	*	*	S	S	S	S	S
White	2,000	1,000	1,000	1,000	1,000	500	1,000	1,000	500
Other	*	S	S	S	S	S	S	S	S
Mathematical scientists	1,000	500	500	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	500	500	*	S	S	S	S
Black	*	S	*	S	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S	S
White	1,000	500	500	500	500	500	500	500	500
Other	*	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	2,000	1,000	1,000	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	500	500	500	S	*	*
Black	500	*	*	*	S	S	S	S	S
Hispanic	500	*	*	*	*	*	S	S	S
White	2,000	1,000	1,000	500	500	500	500	500	500
Other	*	S	S	S	S	S	S	S	S
Physical/related scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	500	500	500	500	500	500
Black	500	*	*	*	*	*	*	S	S
Hispanic	500	500	*	*	*	*	*	*	*
White	1,000	500	1,000	1,000	500	1,000	500	500	500
Other	500	*	*	*	S	S	*	S	S
Chemists, except biochemists	1,000	1,000	500	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	500	500	*	*	*	*
Black	*	*	*	S	S	S	S	S	S
Hispanic	500	*	*	*	*	S	S	S	S
White	1,000	500	500	500	500	500	500	500	500
Other	*	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	1,000	500	500	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	*	*	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	*	*	*	S	S	S	S	S	S
White	500	500	500	500	500	500	500	500	500
Other	*	S	S	S	S	S	S	S	S
Physicists/astronomers	1,000	1,000	500	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	*	500	*	S	S	S
Black	*	*	S	S	S	S	S	S	S
Hispanic	*	*	S	*	S	S	S	S	S
White	1,000	500	500	500	500	500	500	500	500
Other	*	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	1,000	500	1,000	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	500	*	*	*	*	*	500
Black	500	*	*	*	*	S	S	S	S
Hispanic	500	*	*	*	*	*	S	S	*
White	1,000	500	1,000	500	500	500	500	500	500
Other	500	*	S	S	S	S	S	S	S
Other physical/related scientists	500	500	500	*	*	*	*	S	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	*	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	500	500	*	*	*	*	*	S	*
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	500	S	*	S	S	S	S	S	S
Asian	1,000	500	500	500	500	*	*	*	*
Black	1,000	500	500	500	500	500	500	*	S
Hispanic	500	500	500	500	500	*	*	*	S
White	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Other	500	*	500	*	*	*	S	*	S
Economists	500	500	500	500	500	500	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	*	*	*	S	S	S	S
Black	*	S	*	S	S	S	S	S	S
Hispanic	*	*	S	S	S	*	S	S	S
White	500	500	500	500	500	500	500	500	*
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	500	500	*	*	S	S	*	S	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	*	S	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	500	*	*	*	S	S	*	S	*
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	2,000	1,000	1,000	1,000	1,000	500	1,000	1,000	500
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	1,000	500	500	500	500	*	*	S	S
Black	500	500	500	500	500	*	*	*	S
Hispanic	500	500	500	*	*	*	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	1,000	1,000	1,000	1,000	1,000	500	500	1,000	500
Other	500	*	*	*	*	S	S	S	S
Psychologists	2,000	1,000	1,000	500	1,000	500	500	500	500
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	500	*	*	*	*	*	*	S	S
Black	500	*	*	*	*	*	*	S	S
Hispanic	500	*	*	*	*	*	*	S	S
White	1,000	1,000	500	500	1,000	500	500	500	500
Other	500	*	*	S	S	S	S	S	S
Sociologists/anthropologists	500	500	500	500	500	500	*	*	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	*	S	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	500	500	500	*	500	500	*	*	*
Other	*	S	S	S	S	S	S	S	S
Other social/related scientists	1,000	500	500	500	500	500	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	*	*	S	S	S	S	S
Black	500	*	*	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	500	500	500	500	500	500	500	*	*
Other	*	S	S	S	S	S	S	S	S
Engineers	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500	1,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	500	500	500	500	500	500
Black	500	*	500	*	*	*	*	*	S
Hispanic	500	500	500	*	*	*	*	*	S
White	2,000	1,000	1,000	1,000	1,000	500	500	500	1,000
Other	500	*	*	*	S	S	S	S	S
Aerospace/aeronautical/astronautical engineers	1,000	500	500	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	S	*	*	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	500	*	500	500	500	*	*	*	500
Other	S	S	S	S	S	S	S	S	S
Chemical engineers	1,000	500	500	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	500	500	500	S	S	*	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	*	S	S	S	S	S	S	S
White	500	500	500	500	500	500	*	500	500
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	500	500	500	500	500	*	*	*	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	*	*	*	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	S	*	S	S	S	S	S	S
White	500	*	500	*	*	*	S	*	*
Other	S	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	1,000	1,000	500	500	1,000	500	500	500	500

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	500	500	500	*	*	S
Black	*	S	*	S	S	S	S	S	S
Hispanic	*	*	*	*	S	S	S	S	S
White	1,000	1,000	500	500	1,000	500	500	500	500
Other	*	S	S	S	S	S	S	S	S
Industrial engineers	1,000	*	1,000	*	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	1,000	S	S	*	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	1,000	500	500	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	500	500	500	*	*	*	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	500	500	500	500	*	*	*	*	500
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	1,000	500	500	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	500	500	500	*	500	*	500	*
Black	500	*	*	*	*	S	S	*	S
Hispanic	500	*	*	*	S	S	*	S	S
White	1,000	500	500	500	500	500	500	500	500
Other	*	S	S	S	S	S	S	S	S
Other engineers	1,000	500	1,000	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	500	500	500	*	*	*
Black	*	*	*	S	S	S	S	S	S
Hispanic	500	*	*	*	S	S	S	S	S
White	1,000	500	500	500	500	500	500	500	500
Other	*	S	S	S	S	S	S	S	S
S&E-related occupations	3,000	1,000	1,000	2,000	1,000	2,000	1,000	1,000	1,000
American Indian/Alaska Native	*	S	S	*	S	S	S	S	S
Asian	1,000	500	500	500	500	500	500	500	500
Black	500	500	500	500	*	500	*	*	S
Hispanic	1,000	*	500	500	500	*	1,000	*	S
White	3,000	1,000	1,000	2,000	1,000	2,000	1,000	1,000	500
Other	1,000	1,000	*	*	*	*	S	S	S
Health-related occupations	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	1,000	500	500	500	500	500	*	500	500
Black	500	*	*	500	*	*	S	*	S
Hispanic	1,000	*	500	*	*	*	1,000	*	S
White	2,000	1,000	500	1,000	1,000	1,000	1,000	500	500
Other	*	*	*	S	S	S	S	S	S
S&E managers	1,000	1,000	500	500	1,000	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	500	500	500	*	*	*	S
Black	500	S	*	*	S	*	*	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	500	*	*	*	*	S	S	S	S
White	2,000	1,000	500	1,000	1,000	1,000	1,000	500	500
Other	*	S	S	*	S	S	S	S	S
S&E precollege teachers	2,000	500	1,000	2,000	1,000	1,000	1,000	*	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	*	S	S	S	S	S	S	S	S
Black	500	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	2,000	*	500	2,000	1,000	1,000	1,000	*	*
Other	S	S	S	S	S	S	S	S	S
S&E technicians/technologists	500	500	500	500	500	500	*	*	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	*	*	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	500	*	*	*	500	S	S	*	S
Other	S	S	S	S	S	S	S	S	S
Other S&E-related occupations	500	S	*	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	*	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	7,000	3,000	3,000	3,000	2,000	3,000	2,000	2,000	2,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	2,000	500	1,000	1,000	1,000	1,000	500	500	500
Black	1,000	1,000	500	1,000	500	500	1,000	500	*
Hispanic	2,000	1,000	500	500	1,000	500	1,000	500	*
White	6,000	3,000	3,000	3,000	2,000	3,000	2,000	2,000	2,000
Other	500	500	*	*	*	*	*	*	S
Art/humanities/related occupations	1,000	500	500	500	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	*	S	S	S	S	S	S	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	*	S	S	S	S	S	S	S	S
White	1,000	500	500	500	500	500	500	500	500
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	3,000	1,000	2,000	1,000	1,000	2,000	1,000	500	1,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S	S
Asian	1,000	500	1,000	500	500	*	*	S	S
Black	1,000	*	*	*	*	S	1,000	*	S
Hispanic	1,000	*	*	*	1,000	S	S	S	S
White	3,000	1,000	2,000	1,000	1,000	2,000	1,000	500	1,000
Other	*	S	S	S	S	S	S	S	S
Non-S&E managers	3,000	1,000	2,000	2,000	1,000	2,000	1,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	500	500	500	500	500	500	*
Black	500	*	*	*	*	*	500	*	S
Hispanic	1,000	*	*	*	1,000	*	*	*	S
White	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Other	500	S	S	S	*	S	S	S	S

TABLE A-20. Standard errors for employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E postsecondary teachers	3,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	500	500	500	500	*	S	S	S
Black	500	*	*	*	*	S	*	*	S
Hispanic	1,000	500	500	*	*	*	*	S	S
White	3,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	500
Other	500	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	2,000	1,000	500	*	1,000	*	S	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	500	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S	S
White	1,000	1,000	500	S	1,000	*	S	S	S
Other	S	S	S	S	S	S	S	S	S
Sales/marketing occupations	2,000	500	500	500	1,000	1,000	500	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	*	*	500	1,000	500	*	S	S
Black	*	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S	S
White	2,000	*	500	500	500	500	500	1,000	1,000
Other	*	S	S	S	S	S	S	S	S
Social services/related occupations	2,000	1,000	1,000	1,000	1,000	500	500	1,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	*	*	S	S	S	S	S	S
Black	1,000	*	S	500	S	S	S	S	S
Hispanic	500	S	S	S	S	S	S	S	S
White	2,000	1,000	1,000	1,000	1,000	*	*	1,000	*
Other	*	S	S	S	S	S	S	S	S
Other non-S&E occupations	2,000	1,000	500	1,000	500	1,000	500	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	*	*	1,000	*	*	500	S	S
Black	500	S	*	*	S	S	S	S	S
Hispanic	1,000	S	*	*	S	S	S	S	S
White	2,000	500	500	1,000	500	1,000	500	1,000	500
Other	*	S	S	S	S	S	S	S	S

* = standard error is not calculated when estimate is less than 500; 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/occ03maj.html for a detailed description of the occupational 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.

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: 2006
(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[a]	500	1,000	1,000	500	500	1,000	2,000	1,000	500	500	1,000
Male	1,000	500	1,000	2,000	1,000	3,000	1,000	1,000	500	2,000	1,000
Female	500	500	1,000	2,000	1,000	500	2,000	2,000	3,000	2,000	1,000
S&E fields	1,000	500	500	2,000	1,000	500	1,000	1,000	1,000	3,000	500
Male	500	500	1,000	2,000	4,000	2,000	1,000	1,000	1,000	1,000	3,000
Female	1,000	2,000	1,000	2,000	2,000	1,000	1,000	1,000	1,000	2,000	1,000
Sciences	500	500	500	1,000	500	500	500	1,000	2,000	1,000	1,000
Male	1,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	2,000	2,000	1,000
Female	500	1,000	1,000	2,000	1,000	1,000	1,000	1,000	2,000	2,000	1,000
Biological/agricultural/environmental life sciences	4,000	500	2,000	3,000	4,000	1,000	1,000	1,000	2,000	3,000	2,000
Male	1,000	1,000	3,000	4,000	2,000	500	2,000	1,000	2,000	3,000	1,000
Female	1,000	2,000	1,000	4,000	2,000	1,000	1,000	3,000	4,000	5,000	2,000
Agricultural/food sciences	2,000	4,000	2,000	2,000	3,000	6,000	4,000	12,000	6,000	7,000	4,000
Male	2,000	2,000	2,000	7,000	6,000	5,000	6,000	8,000	6,000	8,000	4,000
Female	4,000	4,000	3,000	9,000	13,000	7,000	3,000	1,000	8,000	4,000	3,000
Biological sciences	500	2,000	3,000	7,000	2,000	2,000	1,000	1,000	2,000	3,000	4,000
Male	1,000	2,000	4,000	22,000	6,000	500	3,000	2,000	3,000	4,000	2,000
Female	2,000	1,000	2,000	6,000	3,000	1,000	1,000	3,000	5,000	6,000	4,000
Environmental life sciences	2,000	2,000	3,000	12,000	11,000	4,000	3,000	4,000	3,000	5,000	6,000
Male	3,000	6,000	5,000	24,000	6,000	5,000	3,000	S	1,000	4,000	4,000
Female	3,000	6,000	4,000	S	8,000	6,000	7,000	7,000	8,000	13,000	5,000
Computer/mathematical sciences	1,000	500	1,000	6,000	5,000	3,000	2,000	1,000	3,000	5,000	3,000
Male	2,000	2,000	500	4,000	4,000	4,000	2,000	1,000	3,000	4,000	6,000
Female	2,000	2,000	2,000	8,000	4,000	2,000	2,000	2,000	4,000	4,000	2,000
Computer/information sciences	1,000	500	2,000	6,000	6,000	1,000	7,000	1,000	4,000	3,000	4,000
Male	1,000	500	500	5,000	4,000	1,000	2,000	4,000	3,000	5,000	8,000
Female	2,000	3,000	2,000	10,000	5,000	4,000	5,000	5,000	4,000	5,000	3,000
Mathematical sciences	2,000	3,000	3,000	9,000	9,000	500	3,000	2,000	4,000	6,000	3,000
Male	2,000	2,000	3,000	8,000	18,000	1,000	2,000	500	5,000	6,000	4,000
Female	2,000	5,000	6,000	12,000	9,000	2,000	3,000	3,000	7,000	6,000	12,000
Physical/related sciences	2,000	2,000	2,000	3,000	12,000	2,000	2,000	2,000	3,000	2,000	4,000
Male	1,000	3,000	2,000	4,000	8,000	1,000	3,000	3,000	4,000	6,000	5,000
Female	2,000	4,000	3,000	9,000	5,000	2,000	3,000	2,000	2,000	9,000	6,000
Chemistry, except biochemistry	2,000	2,000	2,000	5,000	16,000	5,000	2,000	5,000	5,000	7,000	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: 2006
(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	3,000	3,000	14,000	21,000	2,000	2,000	4,000	5,000	12,000	6,000
Female	2,000	2,000	4,000	12,000	4,000	2,000	5,000	7,000	6,000	13,000	5,000
Earth/atmospheric/ocean sciences	2,000	4,000	4,000	1,000	37,000	4,000	5,000	3,000	3,000	2,000	4,000
Male	4,000	6,000	4,000	4,000	104,000	6,000	3,000	13,000	7,000	3,000	7,000
Female	4,000	7,000	7,000	S	2,000	4,000	1,000	6,000	6,000	12,000	3,000
Physics/astronomy	3,000	4,000	5,000	16,000	3,000	3,000	3,000	6,000	9,000	10,000	33,000
Male	5,000	5,000	4,000	32,000	2,000	3,000	5,000	7,000	7,000	6,000	6,000
Female	5,000	16,000	14,000	S	34,000	7,000	3,000	25,000	8,000	8,000	S
Other physical sciences	7,000	9,000	11,000	S	S	3,000	25,000	S	19,000	21,000	S
Male	6,000	13,000	17,000	S	S	15,000	500	S	16,000	39,000	S
Female	5,000	9,000	12,000	S	S	8,000	1,000	S	9,000	S	S
Social/related sciences	500	1,000	500	1,000	1,000	1,000	2,000	3,000	1,000	3,000	1,000
Male	2,000	1,000	2,000	10,000	3,000	2,000	2,000	3,000	2,000	3,000	2,000
Female	1,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	4,000	1,000
Economics	2,000	2,000	1,000	9,000	7,000	5,000	8,000	6,000	5,000	8,000	4,000
Male	3,000	2,000	2,000	11,000	17,000	8,000	11,000	17,000	6,000	9,000	4,000
Female	3,000	2,000	3,000	7,000	12,000	3,000	4,000	5,000	6,000	19,000	8,000
Political/related sciences	2,000	2,000	2,000	3,000	3,000	4,000	6,000	3,000	2,000	8,000	2,000
Male	1,000	4,000	4,000	11,000	8,000	8,000	3,000	4,000	3,000	11,000	1,000
Female	2,000	2,000	2,000	3,000	5,000	3,000	3,000	3,000	4,000	12,000	4,000
Psychology	500	500	2,000	2,000	3,000	1,000	1,000	1,000	2,000	6,000	2,000
Male	2,000	4,000	3,000	3,000	5,000	4,000	2,000	5,000	4,000	16,000	3,000
Female	1,000	1,000	5,000	3,000	2,000	1,000	2,000	2,000	2,000	6,000	2,000
Sociology/anthropology	1,000	4,000	1,000	7,000	2,000	2,000	1,000	3,000	2,000	5,000	3,000
Male	1,000	2,000	2,000	13,000	7,000	4,000	6,000	5,000	4,000	6,000	4,000
Female	1,000	2,000	1,000	6,000	2,000	2,000	1,000	1,000	3,000	5,000	4,000
Other social sciences	2,000	2,000	4,000	6,000	2,000	2,000	5,000	1,000	4,000	6,000	1,000
Male	2,000	4,000	4,000	6,000	6,000	5,000	11,000	7,000	5,000	7,000	4,000
Female	1,000	2,000	3,000	11,000	3,000	1,000	7,000	3,000	4,000	18,000	5,000
Engineering	500	1,000	1,000	500	4,000	1,000	1,000	2,000	1,000	1,000	2,000
Male	1,000	1,000	1,000	3,000	3,000	1,000	2,000	1,000	2,000	1,000	2,000
Female	1,000	3,000	1,000	11,000	17,000	3,000	2,000	4,000	2,000	7,000	4,000
Aerospace/related engineering	3,000	6,000	5,000	33,000	24,000	20,000	13,000	S	8,000	3,000	S
Male	3,000	6,000	6,000	S	S	20,000	13,000	S	9,000	2,000	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: 2006
(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	12,000	15,000	8,000	S	S	8,000	6,000	S	6,000	6,000	S
Chemical engineering	2,000	4,000	2,000	15,000	31,000	2,000	2,000	10,000	8,000	7,000	7,000
Male	1,000	3,000	3,000	12,000	24,000	2,000	17,000	14,000	9,000	9,000	11,000
Female	2,000	4,000	3,000	S	S	14,000	10,000	S	19,000	14,000	5,000
Civil/architectural engineering	500	3,000	2,000	4,000	4,000	9,000	6,000	6,000	2,000	3,000	1,000
Male	1,000	1,000	500	6,000	2,000	9,000	2,000	S	1,000	3,000	3,000
Female	2,000	2,000	2,000	S	S	13,000	32,000	S	3,000	5,000	3,000
Electrical/computer engineering	500	1,000	1,000	7,000	8,000	3,000	2,000	3,000	4,000	6,000	8,000
Male	2,000	3,000	500	5,000	7,000	1,000	5,000	4,000	4,000	6,000	7,000
Female	3,000	4,000	4,000	34,000	S	3,000	15,000	S	12,000	28,000	S
Industrial engineering	3,000	3,000	4,000	6,000	27,000	2,000	10,000	S	8,000	11,000	S
Male	3,000	4,000	3,000	6,000	S	4,000	20,000	S	4,000	4,000	S
Female	5,000	2,000	4,000	S	S	2,000	6,000	S	14,000	47,000	S
Mechanical engineering	1,000	500	500	11,000	6,000	8,000	4,000	20,000	4,000	4,000	7,000
Male	500	500	500	9,000	7,000	6,000	7,000	26,000	3,000	3,000	6,000
Female	5,000	4,000	4,000	S	S	1,000	3,000	S	5,000	9,000	S
Other engineering	500	3,000	2,000	4,000	7,000	3,000	3,000	3,000	3,000	4,000	5,000
Male	2,000	1,000	1,000	15,000	7,000	6,000	3,000	14,000	6,000	4,000	5,000
Female	1,000	2,000	2,000	S	20,000	5,000	5,000	S	7,000	26,000	1,000
S&E-related fields	500	1,000	1,000	3,000	2,000	1,000	2,000	500	2,000	3,000	2,000
Male	3,000	3,000	3,000	8,000	6,000	2,000	5,000	1,000	4,000	3,000	2,000
Female	1,000	1,000	2,000	3,000	1,000	1,000	2,000	2,000	2,000	3,000	1,000
Health	1,000	1,000	2,000	8,000	2,000	500	3,000	3,000	1,000	3,000	2,000
Male	500	3,000	2,000	7,000	4,000	6,000	6,000	6,000	4,000	4,000	4,000
Female	500	1,000	1,000	5,000	2,000	1,000	3,000	3,000	2,000	5,000	1,000
Science/mathematics teacher education	1,000	3,000	2,000	4,000	2,000	1,000	8,000	2,000	8,000	S	11,000
Male	2,000	7,000	14,000	S	S	1,000	11,000	1,000	10,000	S	S
Female	3,000	9,000	2,000	S	S	2,000	9,000	2,000	S	S	S
Technology/technical fields	2,000	1,000	2,000	9,000	10,000	4,000	10,000	8,000	8,000	4,000	5,000
Male	1,000	1,000	2,000	8,000	8,000	5,000	11,000	6,000	9,000	4,000	5,000
Female	6,000	7,000	6,000	S	S	S	S	S	S	S	S
Other S&E-related fields	4,000	2,000	3,000	7,000	9,000	6,000	9,000	S	5,000	S	4,000
Male	3,000	2,000	2,000	10,000	S	8,000	S	S	6,000	S	6,000
Female	3,000	5,000	4,000	S	S	S	S	S	7,000	S	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: 2006
(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	1,000	2,000	6,000	1,000	1,000	1,000	1,000	2,000	4,000	500
Male	2,000	1,000	500	4,000	2,000	1,000	2,000	1,000	3,000	5,000	3,000
Female	2,000	2,000	2,000	5,000	2,000	1,000	1,000	1,000	2,000	4,000	1,000
Arts/humanities	2,000	3,000	2,000	12,000	6,000	1,000	2,000	2,000	2,000	9,000	2,000
Male	3,000	3,000	3,000	3,000	3,000	2,000	2,000	3,000	5,000	21,000	7,000
Female	2,000	4,000	8,000	6,000	S	3,000	8,000	4,000	9,000	S	8,000
Education, except science/mathematics education teacher	500	4,000	2,000	7,000	5,000	1,000	2,000	1,000	3,000	9,000	4,000
Male	1,000	4,000	8,000	13,000	6,000	2,000	5,000	2,000	3,000	S	7,000
Female	1,000	4,000	4,000	4,000	6,000	1,000	1,000	1,000	8,000	S	5,000
Management/administration	2,000	2,000	1,000	8,000	4,000	2,000	7,000	4,000	3,000	6,000	3,000
Male	2,000	500	2,000	10,000	5,000	5,000	4,000	6,000	4,000	4,000	3,000
Female	3,000	2,000	2,000	7,000	8,000	3,000	1,000	2,000	5,000	7,000	9,000
Sales/marketing	5,000	5,000	3,000	S	S	8,000	S	S	S	S	S
Male	4,000	5,000	5,000	S	S	11,000	S	S	S	S	S
Female	7,000	8,000	4,000	S	S	S	S	S	S	S	S
Social services/related	2,000	2,000	3,000	3,000	3,000	3,000	3,000	4,000	5,000	2,000	2,000
Male	2,000	4,000	6,000	9,000	5,000	2,000	3,000	2,000	2,000	S	7,000
Female	1,000	1,000	4,000	2,000	1,000	2,000	4,000	6,000	2,000	S	3,000
Other non-S&E fields	1,000	1,000	3,000	8,000	5,000	1,000	3,000	2,000	3,000	6,000	2,000
Male	2,000	6,000	3,000	11,000	6,000	3,000	2,000	4,000	4,000	6,000	4,000
Female	2,000	4,000	5,000	14,000	4,000	2,000	5,000	3,000	2,000	11,000	3,000
Bachelor's degrees	500	2,000	1,000	500	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	500	500	1,000	3,000	2,000	1,000	2,000	1,000	1,000	1,000	2,000
Female	500	500	1,000	2,000	1,000	1,000	1,000	1,000	1,000	3,000	3,000
S&E fields	1,000	500	1,000	500	3,000	1,000	500	3,000	1,000	1,000	2,000
Male	500	500	500	500	4,000	1,000	2,000	2,000	2,000	2,000	1,000
Female	1,000	500	1,000	3,000	1,000	500	2,000	1,000	1,000	3,000	1,000
Sciences	1,000	500	1,000	3,000	2,000	2,000	500	1,000	500	2,000	1,000
Male	2,000	2,000	1,000	2,000	3,000	1,000	3,000	2,000	1,000	5,000	1,000
Female	1,000	2,000	1,000	6,000	2,000	500	1,000	500	2,000	2,000	1,000
Biological/agricultural/environmental life sciences	1,000	1,000	500	3,000	3,000	2,000	3,000	3,000	2,000	5,000	2,000
Male	1,000	3,000	3,000	5,000	7,000	5,000	4,000	3,000	3,000	5,000	3,000
Female	2,000	2,000	2,000	5,000	4,000	1,000	2,000	3,000	2,000	10,000	2,000
Agricultural/food sciences	1,000	1,000	5,000	3,000	5,000	3,000	4,000	6,000	6,000	10,000	7,000

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: 2006
(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	2,000	3,000	2,000	7,000	S	8,000	5,000	S	5,000	12,000	S
Female	2,000	3,000	5,000	12,000	15,000	2,000	7,000	S	10,000	S	3,000
Biological sciences	1,000	1,000	5,000	8,000	2,000	3,000	2,000	3,000	4,000	7,000	1,000
Male	3,000	2,000	6,000	18,000	4,000	4,000	5,000	4,000	3,000	4,000	2,000
Female	1,000	3,000	3,000	7,000	3,000	4,000	3,000	4,000	3,000	11,000	4,000
Environmental life sciences	3,000	3,000	3,000	24,000	9,000	1,000	4,000	4,000	3,000	8,000	4,000
Male	4,000	8,000	10,000	S	S	2,000	3,000	S	1,000	6,000	2,000
Female	3,000	6,000	5,000	S	8,000	2,000	2,000	S	7,000	S	6,000
Computer/mathematical sciences	3,000	1,000	1,000	5,000	5,000	1,000	2,000	2,000	4,000	3,000	2,000
Male	1,000	2,000	1,000	3,000	3,000	500	3,000	1,000	5,000	4,000	4,000
Female	1,000	5,000	2,000	8,000	5,000	2,000	4,000	2,000	5,000	6,000	2,000
Computer/information sciences	3,000	2,000	1,000	3,000	5,000	5,000	3,000	2,000	4,000	4,000	3,000
Male	2,000	1,000	500	4,000	3,000	3,000	3,000	1,000	4,000	5,000	5,000
Female	3,000	3,000	3,000	18,000	5,000	3,000	7,000	7,000	5,000	7,000	4,000
Mathematical sciences	3,000	3,000	3,000	8,000	5,000	2,000	4,000	2,000	6,000	8,000	3,000
Male	3,000	3,000	4,000	9,000	16,000	3,000	7,000	1,000	6,000	10,000	4,000
Female	3,000	4,000	5,000	S	7,000	2,000	5,000	3,000	12,000	11,000	S
Physical/related sciences	2,000	1,000	4,000	4,000	6,000	2,000	3,000	3,000	4,000	9,000	3,000
Male	1,000	4,000	2,000	5,000	28,000	1,000	2,000	5,000	4,000	12,000	6,000
Female	3,000	4,000	4,000	10,000	5,000	4,000	6,000	5,000	2,000	6,000	7,000
Chemistry, except biochemistry	2,000	2,000	2,000	12,000	12,000	2,000	2,000	4,000	7,000	7,000	10,000
Male	2,000	4,000	4,000	S	S	10,000	500	10,000	7,000	17,000	8,000
Female	3,000	4,000	4,000	S	3,000	4,000	4,000	5,000	8,000	S	6,000
Earth/atmospheric/ocean sciences	5,000	3,000	4,000	4,000	S	1,000	16,000	1,000	2,000	8,000	4,000
Male	3,000	4,000	6,000	5,000	S	1,000	2,000	2,000	6,000	15,000	8,000
Female	3,000	7,000	8,000	S	S	9,000	500	9,000	1,000	S	2,000
Physics/astronomy	13,000	8,000	10,000	26,000	37,000	4,000	4,000	12,000	23,000	34,000	S
Male	6,000	10,000	10,000	37,000	S	7,000	5,000	5,000	12,000	11,000	S
Female	10,000	6,000	8,000	S	S	8,000	6,000	13,000	5,000	S	S
Other physical sciences	7,000	12,000	10,000	S	S	S	S	S	18,000	S	S
Male	6,000	12,000	14,000	S	S	S	S	S	S	S	S
Female	3,000	9,000	6,000	S	S	S	S	S	S	S	S
Social/related sciences	1,000	2,000	3,000	4,000	2,000	500	1,000	1,000	1,000	3,000	2,000
Male	2,000	500	2,000	4,000	2,000	2,000	2,000	1,000	1,000	4,000	2,000

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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
Female	1,000	500	1,000	3,000	2,000	5,000	4,000	2,000	1,000	3,000	2,000
Economics	1,000	2,000	3,000	6,000	15,000	6,000	4,000	8,000	7,000	5,000	3,000
Male	3,000	4,000	4,000	12,000	16,000	8,000	8,000	16,000	10,000	13,000	7,000
Female	3,000	3,000	2,000	6,000	16,000	6,000	16,000	8,000	6,000	S	S
Political/related sciences	2,000	3,000	2,000	4,000	3,000	2,000	3,000	3,000	2,000	4,000	3,000
Male	3,000	3,000	4,000	10,000	6,000	5,000	12,000	12,000	2,000	6,000	3,000
Female	2,000	2,000	3,000	4,000	3,000	2,000	9,000	3,000	10,000	11,000	5,000
Psychology	500	1,000	1,000	3,000	1,000	2,000	1,000	3,000	2,000	5,000	2,000
Male	3,000	2,000	3,000	12,000	2,000	2,000	2,000	2,000	7,000	4,000	7,000
Female	1,000	2,000	1,000	5,000	2,000	1,000	2,000	2,000	4,000	4,000	2,000
Sociology/anthropology	2,000	1,000	2,000	5,000	3,000	2,000	3,000	3,000	2,000	5,000	4,000
Male	3,000	3,000	3,000	16,000	6,000	3,000	10,000	6,000	3,000	12,000	4,000
Female	1,000	1,000	1,000	8,000	1,000	3,000	2,000	1,000	4,000	4,000	4,000
Other social sciences	1,000	2,000	4,000	7,000	2,000	2,000	3,000	2,000	6,000	6,000	3,000
Male	3,000	5,000	5,000	7,000	4,000	2,000	9,000	6,000	4,000	5,000	6,000
Female	1,000	2,000	2,000	18,000	3,000	4,000	8,000	2,000	5,000	S	7,000
Engineering	500	1,000	500	3,000	6,000	2,000	4,000	2,000	1,000	2,000	1,000
Male	1,000	500	500	3,000	5,000	2,000	4,000	3,000	2,000	2,000	2,000
Female	1,000	1,000	2,000	12,000	9,000	4,000	2,000	6,000	4,000	9,000	5,000
Aerospace/related engineering	4,000	6,000	9,000	S	S	27,000	38,000	S	15,000	3,000	S
Male	4,000	9,000	9,000	S	S	29,000	29,000	S	17,000	6,000	S
Female	11,000	14,000	5,000	S	S	S	S	S	4,000	4,000	S
Chemical engineering	3,000	3,000	3,000	S	S	13,000	14,000	S	6,000	13,000	3,000
Male	3,000	4,000	3,000	S	S	9,000	12,000	S	7,000	8,000	S
Female	3,000	3,000	5,000	S	S	18,000	8,000	S	13,000	15,000	S
Civil/architectural engineering	3,000	1,000	2,000	6,000	S	11,000	27,000	S	2,000	4,000	2,000
Male	1,000	2,000	2,000	7,000	S	21,000	35,000	S	3,000	4,000	2,000
Female	3,000	3,000	3,000	S	S	S	S	S	4,000	S	4,000
Electrical/computer engineering	500	3,000	1,000	6,000	10,000	3,000	10,000	3,000	4,000	4,000	8,000
Male	2,000	2,000	500	5,000	12,000	7,000	6,000	3,000	4,000	3,000	7,000
Female	4,000	4,000	3,000	S	S	12,000	S	S	8,000	14,000	S
Industrial engineering	1,000	4,000	3,000	S	S	1,000	4,000	S	13,000	11,000	S
Male	4,000	4,000	4,000	S	S	S	S	S	10,000	S	S
Female	6,000	6,000	5,000	S	S	1,000	S	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: 2006
(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
Mechanical engineering	2,000	2,000	2,000	9,000	13,000	15,000	14,000	S	5,000	2,000	7,000
Male	2,000	2,000	1,000	7,000	S	11,000	11,000	S	5,000	4,000	7,000
Female	4,000	6,000	7,000	S	S	500	S	S	5,000	8,000	S
Other engineering	2,000	2,000	3,000	10,000	17,000	4,000	4,000	S	5,000	8,000	5,000
Male	3,000	3,000	3,000	16,000	S	14,000	15,000	S	4,000	8,000	8,000
Female	3,000	3,000	3,000	S	S	6,000	4,000	S	7,000	S	S
S&E-related fields	1,000	1,000	1,000	3,000	1,000	2,000	1,000	2,000	2,000	3,000	2,000
Male	2,000	500	2,000	7,000	3,000	2,000	3,000	2,000	3,000	4,000	4,000
Female	500	1,000	1,000	3,000	500	2,000	1,000	2,000	1,000	5,000	2,000
Health	500	1,000	2,000	6,000	2,000	2,000	1,000	1,000	1,000	4,000	2,000
Male	4,000	2,000	3,000	10,000	3,000	5,000	6,000	S	3,000	5,000	3,000
Female	1,000	1,000	1,000	3,000	500	3,000	1,000	1,000	2,000	5,000	2,000
Science/mathematics teacher education	2,000	3,000	6,000	S	S	2,000	S	2,000	9,000	S	S
Male	4,000	14,000	13,000	S	S	3,000	S	3,000	S	S	S
Female	2,000	6,000	3,000	S	S	2,000	S	2,000	S	S	S
Technology/technical fields	2,000	3,000	1,000	10,000	11,000	7,000	12,000	8,000	6,000	10,000	4,000
Male	3,000	2,000	1,000	8,000	S	7,000	S	S	7,000	9,000	5,000
Female	4,000	7,000	10,000	S	S	S	S	S	S	S	S
Other S&E-related fields	3,000	4,000	3,000	14,000	S	S	S	S	10,000	S	8,000
Male	4,000	4,000	3,000	8,000	S	S	S	S	10,000	S	10,000
Female	6,000	6,000	5,000	S	S	S	S	S	S	S	S
Non-S&E fields	2,000	2,000	2,000	6,000	2,000	1,000	2,000	1,000	2,000	3,000	3,000
Male	1,000	2,000	1,000	8,000	2,000	2,000	3,000	2,000	2,000	4,000	5,000
Female	1,000	1,000	3,000	7,000	5,000	1,000	5,000	2,000	5,000	6,000	4,000
Arts/humanities	3,000	4,000	3,000	8,000	12,000	4,000	6,000	4,000	2,000	11,000	5,000
Male	3,000	3,000	3,000	2,000	3,000	4,000	6,000	3,000	7,000	23,000	10,000
Female	3,000	5,000	7,000	S	S	8,000	10,000	10,000	9,000	S	7,000
Education, except science/mathematics education teacher	2,000	6,000	5,000	S	8,000	1,000	S	1,000	11,000	S	8,000
Male	2,000	11,000	16,000	S	S	3,000	S	3,000	S	S	S
Female	3,000	9,000	11,000	S	S	3,000	S	3,000	7,000	S	S
Management/administration	3,000	2,000	2,000	9,000	2,000	4,000	4,000	6,000	4,000	8,000	7,000
Male	2,000	1,000	4,000	15,000	8,000	5,000	8,000	6,000	5,000	11,000	10,000
Female	4,000	5,000	6,000	S	3,000	5,000	S	12,000	2,000	S	11,000
Sales/marketing	4,000	5,000	5,000	S	S	S	S	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: 2006
(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	7,000	11,000	11,000	S	S	S	S	S	S	S	S
Female	6,000	8,000	5,000	S	S	S	S	S	S	S	S
Social services/related	2,000	5,000	3,000	S	S	S	S	S	S	S	S
Male	3,000	4,000	4,000	S	S	S	S	S	S	S	S
Female	5,000	S	S	S	S	S	S	S	S	S	S
Other non-S&E fields	3,000	3,000	4,000	26,000	5,000	4,000	S	3,000	3,000	3,000	8,000
Male	4,000	4,000	5,000	S	S	9,000	S	S	3,000	7,000	5,000
Female	3,000	3,000	5,000	S	6,000	5,000	S	S	13,000	S	12,000
Master's degrees	1,000	1,000	1,000	3,000	2,000	1,000	2,000	500	1,000	2,000	1,000
Male	1,000	500	1,000	9,000	2,000	1,000	2,000	1,000	2,000	2,000	2,000
Female	2,000	2,000	1,000	3,000	1,000	1,000	2,000	1,000	1,000	2,000	2,000
S&E fields	1,000	1,000	2,000	6,000	3,000	1,000	1,000	500	2,000	2,000	3,000
Male	500	2,000	500	8,000	3,000	3,000	2,000	3,000	2,000	2,000	3,000
Female	1,000	3,000	1,000	5,000	1,000	2,000	1,000	2,000	4,000	7,000	2,000
Sciences	500	1,000	2,000	1,000	1,000	500	2,000	1,000	2,000	4,000	2,000
Male	3,000	2,000	3,000	8,000	8,000	1,000	2,000	3,000	3,000	3,000	3,000
Female	1,000	2,000	4,000	4,000	1,000	2,000	2,000	1,000	2,000	6,000	3,000
Biological/agricultural/environmental life sciences	2,000	5,000	4,000	15,000	3,000	2,000	3,000	1,000	3,000	4,000	2,000
Male	3,000	5,000	5,000	18,000	6,000	2,000	2,000	4,000	4,000	4,000	2,000
Female	2,000	1,000	4,000	24,000	3,000	2,000	1,000	4,000	4,000	7,000	3,000
Agricultural/food sciences	5,000	9,000	7,000	S	S	7,000	7,000	S	7,000	2,000	S
Male	2,000	12,000	11,000	S	S	7,000	7,000	S	S	S	S
Female	1,000	4,000	8,000	S	S	5,000	2,000	S	S	S	S
Biological sciences	2,000	5,000	4,000	19,000	2,000	2,000	1,000	1,000	5,000	2,000	2,000
Male	2,000	5,000	5,000	S	S	3,000	3,000	5,000	3,000	4,000	7,000
Female	2,000	2,000	5,000	S	2,000	3,000	1,000	4,000	4,000	8,000	9,000
Environmental life sciences	3,000	4,000	5,000	S	S	4,000	9,000	S	12,000	7,000	5,000
Male	4,000	4,000	6,000	S	S	S	S	S	8,000	S	S
Female	7,000	9,000	14,000	S	S	12,000	S	S	10,000	S	S
Computer/mathematical sciences	500	2,000	1,000	12,000	10,000	3,000	2,000	4,000	8,000	8,000	5,000
Male	2,000	2,000	2,000	9,000	6,000	3,000	6,000	3,000	5,000	8,000	6,000
Female	3,000	4,000	3,000	36,000	14,000	2,000	5,000	7,000	10,000	14,000	8,000
Computer/information sciences	2,000	2,000	3,000	9,000	15,000	4,000	3,000	7,000	6,000	7,000	5,000
Male	4,000	2,000	2,000	5,000	9,000	4,000	3,000	13,000	7,000	9,000	6,000

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: 2006
(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	1,000	6,000	4,000	S	14,000	5,000	9,000	12,000	5,000	S	9,000
Mathematical sciences	4,000	2,000	2,000	42,000	11,000	2,000	5,000	6,000	6,000	13,000	12,000
Male	4,000	3,000	4,000	S	S	4,000	12,000	5,000	7,000	11,000	S
Female	4,000	5,000	5,000	S	S	5,000	3,000	5,000	S	S	S
Physical/related sciences	2,000	4,000	3,000	4,000	33,000	2,000	4,000	8,000	3,000	4,000	5,000
Male	3,000	4,000	4,000	4,000	S	7,000	3,000	6,000	3,000	5,000	8,000
Female	5,000	7,000	4,000	S	S	3,000	5,000	1,000	15,000	S	8,000
Chemistry, except biochemistry	4,000	4,000	7,000	S	S	9,000	4,000	8,000	4,000	S	S
Male	4,000	9,000	11,000	S	S	14,000	3,000	S	S	S	S
Female	6,000	3,000	4,000	S	S	10,000	6,000	13,000	S	S	S
Earth/atmospheric/ocean sciences	4,000	7,000	4,000	S	S	15,000	5,000	14,000	2,000	4,000	8,000
Male	5,000	10,000	7,000	S	S	10,000	5,000	S	2,000	4,000	8,000
Female	5,000	10,000	18,000	S	S	3,000	7,000	S	S	S	S
Physics/astronomy	5,000	11,000	10,000	S	S	7,000	7,000	9,000	S	S	S
Male	5,000	10,000	11,000	S	S	4,000	9,000	11,000	S	S	S
Female	7,000	17,000	14,000	S	S	8,000	14,000	S	S	S	S
Other physical sciences	23,000	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	1,000	2,000	5,000	4,000	2,000	1,000	2,000	2,000	2,000	3,000	3,000
Male	2,000	5,000	5,000	19,000	6,000	3,000	7,000	3,000	5,000	2,000	4,000
Female	1,000	4,000	1,000	3,000	3,000	3,000	2,000	1,000	4,000	8,000	3,000
Economics	9,000	7,000	10,000	S	27,000	6,000	11,000	S	3,000	11,000	S
Male	5,000	8,000	8,000	S	S	7,000	8,000	S	23,000	S	S
Female	17,000	19,000	16,000	S	30,000	7,000	S	S	4,000	S	S
Political/related sciences	3,000	6,000	7,000	16,000	9,000	7,000	8,000	9,000	13,000	3,000	7,000
Male	6,000	7,000	6,000	S	S	9,000	S	12,000	3,000	5,000	9,000
Female	8,000	11,000	5,000	S	14,000	10,000	13,000	6,000	7,000	14,000	14,000
Psychology	1,000	2,000	2,000	4,000	1,000	3,000	5,000	1,000	3,000	9,000	3,000
Male	4,000	3,000	11,000	9,000	5,000	5,000	5,000	3,000	6,000	S	6,000
Female	3,000	1,000	4,000	4,000	3,000	2,000	5,000	1,000	7,000	16,000	3,000
Sociology/anthropology	4,000	5,000	11,000	S	3,000	5,000	9,000	13,000	11,000	2,000	2,000
Male	7,000	16,000	17,000	S	S	11,000	12,000	S	10,000	S	10,000
Female	3,000	15,000	12,000	S	1,000	12,000	15,000	25,000	14,000	S	6,000

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: 2006
(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	2,000	9,000	6,000	S	11,000	5,000	1,000	4,000	10,000	9,000	5,000
Male	3,000	6,000	5,000	S	S	9,000	6,000	11,000	10,000	S	5,000
Female	3,000	8,000	18,000	S	20,000	4,000	3,000	5,000	12,000	S	7,000
Engineering	2,000	500	1,000	10,000	6,000	4,000	3,000	2,000	3,000	3,000	2,000
Male	1,000	1,000	2,000	11,000	10,000	8,000	3,000	6,000	2,000	3,000	1,000
Female	2,000	2,000	2,000	S	8,000	10,000	5,000	10,000	4,000	16,000	7,000
Aerospace/related engineering	5,000	3,000	3,000	S	S	4,000	3,000	S	5,000	5,000	S
Male	5,000	4,000	3,000	S	S	2,000	2,000	S	4,000	4,000	S
Female	14,000	6,000	6,000	S	S	S	S	S	S	S	S
Chemical engineering	2,000	5,000	5,000	S	S	16,000	2,000	S	S	S	S
Male	4,000	3,000	4,000	S	S	S	S	S	S	S	S
Female	7,000	7,000	6,000	S	S	S	S	S	S	S	S
Civil/architectural engineering	2,000	2,000	4,000	13,000	S	12,000	7,000	S	1,000	4,000	2,000
Male	3,000	3,000	4,000	11,000	S	6,000	S	S	1,000	5,000	1,000
Female	6,000	7,000	3,000	S	S	S	S	S	6,000	S	10,000
Electrical/computer engineering	1,000	2,000	2,000	2,000	11,000	3,000	7,000	S	5,000	2,000	S
Male	2,000	1,000	1,000	5,000	13,000	2,000	11,000	S	8,000	3,000	S
Female	3,000	3,000	5,000	S	S	12,000	S	S	S	S	S
Industrial engineering	4,000	3,000	3,000	S	S	16,000	24,000	S	17,000	14,000	S
Male	4,000	3,000	2,000	S	S	S	S	S	S	S	S
Female	12,000	12,000	10,000	S	S	S	S	S	S	S	S
Mechanical engineering	3,000	3,000	3,000	S	S	13,000	14,000	S	7,000	7,000	S
Male	4,000	4,000	4,000	S	S	4,000	7,000	S	7,000	7,000	S
Female	2,000	8,000	7,000	S	S	3,000	3,000	S	S	S	S
Other engineering	1,000	3,000	2,000	S	S	16,000	1,000	S	4,000	10,000	7,000
Male	3,000	2,000	3,000	S	S	4,000	1,000	S	5,000	12,000	5,000
Female	5,000	4,000	6,000	S	S	10,000	19,000	S	10,000	2,000	S
S&E-related fields	2,000	1,000	3,000	11,000	1,000	1,000	3,000	500	3,000	2,000	4,000
Male	3,000	2,000	3,000	13,000	8,000	1,000	4,000	2,000	4,000	7,000	6,000
Female	1,000	5,000	3,000	5,000	3,000	500	4,000	1,000	2,000	1,000	5,000
Health	1,000	2,000	1,000	9,000	1,000	1,000	4,000	3,000	2,000	1,000	2,000
Male	2,000	5,000	5,000	14,000	11,000	4,000	3,000	9,000	6,000	5,000	8,000
Female	2,000	1,000	1,000	6,000	4,000	500	6,000	3,000	2,000	3,000	2,000
Science/mathematics teacher education	1,000	4,000	10,000	S	S	1,000	5,000	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: 2006
(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	2,000	3,000	S	S	S	2,000	S	2,000	S	S	S
Female	2,000	6,000	11,000	S	S	2,000	S	1,000	S	S	S
Technology/technical fields	5,000	3,000	2,000	S	S	S	S	S	S	S	S
Male	6,000	4,000	4,000	S	S	S	S	S	S	S	S
Female	7,000	9,000	8,000	S	S	S	S	S	S	S	S
Other S&E-related fields	4,000	3,000	5,000	14,000	S	S	S	S	6,000	S	5,000
Male	1,000	3,000	3,000	S	S	S	S	S	7,000	S	8,000
Female	5,000	9,000	17,000	S	S	S	S	S	5,000	S	S
Non-S&E fields	1,000	1,000	500	4,000	1,000	500	2,000	500	2,000	6,000	2,000
Male	2,000	1,000	2,000	9,000	5,000	2,000	2,000	2,000	2,000	5,000	2,000
Female	500	2,000	3,000	5,000	3,000	1,000	2,000	1,000	2,000	7,000	3,000
Arts/humanities	3,000	6,000	10,000	7,000	S	4,000	7,000	4,000	8,000	S	S
Male	3,000	7,000	8,000	S	S	4,000	S	6,000	S	S	S
Female	4,000	5,000	8,000	S	S	4,000	9,000	5,000	S	S	S
Education, except science/mathematics education teacher	500	4,000	4,000	8,000	6,000	500	3,000	500	5,000	S	5,000
Male	2,000	5,000	10,000	18,000	S	2,000	5,000	2,000	9,000	S	8,000
Female	1,000	4,000	3,000	5,000	8,000	1,000	6,000	1,000	7,000	S	9,000
Management/administration	1,000	2,000	2,000	15,000	3,000	2,000	8,000	5,000	4,000	5,000	5,000
Male	2,000	2,000	500	12,000	9,000	6,000	3,000	3,000	4,000	5,000	3,000
Female	2,000	3,000	4,000	13,000	3,000	2,000	2,000	6,000	9,000	9,000	9,000
Sales/marketing	4,000	5,000	5,000	S	S	S	S	S	S	S	S
Male	4,000	3,000	3,000	S	S	S	S	S	S	S	S
Female	22,000	11,000	14,000	S	S	S	S	S	S	S	S
Social services/related	2,000	2,000	5,000	5,000	3,000	5,000	6,000	4,000	5,000	S	2,000
Male	6,000	6,000	13,000	11,000	5,000	6,000	3,000	10,000	1,000	S	8,000
Female	2,000	1,000	4,000	2,000	1,000	3,000	8,000	5,000	2,000	S	2,000
Other non-S&E fields	3,000	4,000	8,000	2,000	6,000	3,000	5,000	4,000	7,000	11,000	4,000
Male	3,000	4,000	6,000	S	10,000	4,000	5,000	S	4,000	6,000	6,000
Female	2,000	2,000	8,000	S	3,000	3,000	13,000	4,000	2,000	11,000	4,000
Doctorate degrees	2,000	1,000	500	2,000	2,000	2,000	1,000	2,000	2,000	2,000	3,000
Male	1,000	500	1,000	4,000	4,000	2,000	1,000	4,000	2,000	3,000	4,000
Female	500	1,000	2,000	5,000	4,000	500	1,000	3,000	4,000	2,000	3,000
S&E fields	1,000	1,000	2,000	4,000	2,000	500	1,000	1,000	2,000	1,000	1,000
Male	1,000	2,000	1,000	4,000	2,000	500	1,000	3,000	2,000	500	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: 2006
(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	2,000	2,000	3,000	4,000	2,000	1,000	3,000	3,000	4,000	3,000
Sciences	500	1,000	1,000	6,000	500	500	1,000	1,000	2,000	1,000	1,000
Male	500	500	2,000	4,000	3,000	500	2,000	2,000	1,000	2,000	2,000
Female	1,000	3,000	500	3,000	4,000	2,000	1,000	3,000	2,000	3,000	2,000
Biological/agricultural/environmental life sciences	1,000	3,000	3,000	13,000	6,000	1,000	1,000	2,000	2,000	1,000	1,000
Male	2,000	3,000	4,000	16,000	4,000	1,000	1,000	6,000	2,000	2,000	5,000
Female	1,000	4,000	3,000	11,000	4,000	1,000	1,000	1,000	3,000	2,000	1,000
Agricultural/food sciences	2,000	4,000	4,000	500	6,000	3,000	2,000	23,000	4,000	6,000	S
Male	3,000	5,000	5,000	S	6,000	4,000	3,000	S	4,000	4,000	S
Female	5,000	5,000	4,000	S	S	4,000	4,000	S	8,000	S	S
Biological sciences	2,000	1,000	5,000	11,000	7,000	1,000	1,000	2,000	2,000	1,000	2,000
Male	2,000	3,000	4,000	10,000	6,000	1,000	1,000	4,000	1,000	3,000	3,000
Female	1,000	3,000	2,000	13,000	4,000	2,000	2,000	1,000	4,000	5,000	2,000
Environmental life sciences	2,000	7,000	9,000	S	S	3,000	6,000	S	2,000	6,000	8,000
Male	3,000	8,000	8,000	S	S	4,000	5,000	S	5,000	8,000	S
Female	3,000	9,000	S	S	S	6,000	7,000	S	2,000	3,000	S
Computer/mathematical sciences	1,000	5,000	6,000	9,000	10,000	3,000	4,000	15,000	7,000	3,000	1,000
Male	2,000	5,000	7,000	3,000	10,000	2,000	1,000	18,000	5,000	6,000	5,000
Female	1,000	4,000	7,000	S	13,000	1,000	1,000	S	S	S	S
Computer/information sciences	5,000	8,000	7,000	S	10,000	2,000	2,000	S	2,000	S	S
Male	4,000	8,000	8,000	S	S	3,000	3,000	S	S	S	S
Female	3,000	5,000	5,000	S	S	5,000	5,000	S	S	S	S
Mathematical sciences	1,000	3,000	5,000	24,000	14,000	3,000	4,000	6,000	5,000	6,000	S
Male	1,000	4,000	5,000	7,000	18,000	2,000	2,000	8,000	7,000	6,000	S
Female	4,000	2,000	11,000	S	S	4,000	3,000	S	S	S	S
Physical/related sciences	1,000	1,000	2,000	11,000	1,000	500	2,000	1,000	2,000	4,000	5,000
Male	2,000	2,000	2,000	22,000	2,000	2,000	500	2,000	3,000	4,000	6,000
Female	3,000	3,000	2,000	9,000	13,000	1,000	1,000	2,000	4,000	5,000	15,000
Chemistry, except biochemistry	1,000	1,000	3,000	15,000	3,000	2,000	3,000	2,000	8,000	4,000	5,000
Male	2,000	2,000	2,000	24,000	7,000	2,000	3,000	4,000	4,000	10,000	4,000
Female	3,000	4,000	2,000	15,000	15,000	2,000	3,000	2,000	3,000	4,000	S
Earth/atmospheric/ocean sciences	2,000	5,000	1,000	5,000	6,000	2,000	3,000	4,000	9,000	9,000	1,000
Male	2,000	8,000	1,000	S	7,000	3,000	3,000	4,000	10,000	7,000	1,000
Female	2,000	5,000	12,000	S	S	4,000	3,000	S	8,000	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: 2006
(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	3,000	4,000	40,000	4,000	2,000	1,000	1,000	4,000	5,000	6,000
Male	2,000	3,000	4,000	41,000	5,000	500	2,000	3,000	4,000	4,000	5,000
Female	4,000	9,000	15,000	S	S	7,000	2,000	S	10,000	S	S
Other physical sciences	8,000	27,000	S	S	S	4,000	4,000	S	13,000	S	S
Male	12,000	34,000	S	S	S	5,000	4,000	S	S	S	S
Female	9,000	S	S	S	S	9,000	S	S	S	S	S
Social/related sciences	500	1,000	2,000	5,000	1,000	500	1,000	4,000	2,000	1,000	1,000
Male	1,000	3,000	500	7,000	3,000	1,000	1,000	3,000	2,000	2,000	2,000
Female	1,000	1,000	7,000	1,000	2,000	1,000	500	5,000	3,000	4,000	3,000
Economics	2,000	14,000	8,000	24,000	5,000	2,000	2,000	4,000	5,000	4,000	S
Male	4,000	13,000	6,000	23,000	15,000	1,000	1,000	S	2,000	8,000	S
Female	5,000	5,000	19,000	S	S	5,000	3,000	S	3,000	5,000	S
Political/related sciences	3,000	14,000	6,000	26,000	8,000	2,000	1,000	6,000	5,000	11,000	12,000
Male	5,000	24,000	8,000	49,000	17,000	1,000	2,000	5,000	6,000	S	S
Female	2,000	9,000	18,000	S	7,000	2,000	2,000	S	9,000	S	S
Psychology	2,000	4,000	5,000	2,000	500	1,000	1,000	4,000	2,000	4,000	1,000
Male	500	4,000	4,000	3,000	3,000	1,000	2,000	2,000	2,000	1,000	2,000
Female	2,000	3,000	4,000	2,000	3,000	3,000	2,000	5,000	2,000	5,000	2,000
Sociology/anthropology	2,000	6,000	6,000	11,000	10,000	2,000	2,000	3,000	4,000	4,000	4,000
Male	3,000	10,000	8,000	5,000	1,000	1,000	2,000	4,000	4,000	7,000	7,000
Female	1,000	6,000	16,000	13,000	7,000	2,000	2,000	5,000	9,000	3,000	22,000
Other social sciences	1,000	5,000	7,000	5,000	5,000	1,000	2,000	7,000	5,000	8,000	7,000
Male	4,000	8,000	14,000	S	S	2,000	3,000	S	5,000	S	S
Female	2,000	9,000	10,000	S	8,000	2,000	2,000	5,000	9,000	S	S
Engineering	1,000	2,000	1,000	13,000	8,000	500	2,000	7,000	500	4,000	3,000
Male	500	2,000	1,000	20,000	8,000	2,000	2,000	6,000	1,000	4,000	5,000
Female	2,000	2,000	2,000	S	10,000	1,000	1,000	S	3,000	3,000	10,000
Aerospace/related engineering	9,000	5,000	4,000	S	S	11,000	11,000	S	5,000	5,000	S
Male	11,000	7,000	4,000	S	S	12,000	12,000	S	4,000	4,000	S
Female	S	S	S	S	S	S	S	S	S	S	S
Chemical engineering	1,000	4,000	3,000	14,000	42,000	7,000	7,000	S	10,000	7,000	S
Male	2,000	3,000	3,000	17,000	43,000	7,000	7,000	S	10,000	S	S
Female	2,000	5,000	6,000	S	S	13,000	23,000	S	S	S	S
Civil/architectural engineering	3,000	3,000	4,000	S	S	3,000	3,000	S	5,000	7,000	18,000

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: 2006
(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	4,000	4,000	S	S	4,000	4,000	S	4,000	S	11,000
Female	10,000	S	S	S	S	5,000	5,000	S	S	S	S
Electrical/computer engineering	3,000	4,000	3,000	16,000	8,000	2,000	2,000	S	2,000	6,000	S
Male	3,000	3,000	4,000	16,000	7,000	2,000	2,000	S	2,000	6,000	S
Female	2,000	2,000	2,000	S	S	6,000	5,000	S	S	S	S
Industrial engineering	4,000	5,000	4,000	S	S	2,000	2,000	S	S	S	S
Male	6,000	5,000	4,000	S	S	3,000	3,000	S	S	S	S
Female	6,000	S	S	S	S	S	S	S	S	S	S
Mechanical engineering	1,000	3,000	2,000	3,000	S	6,000	6,000	S	8,000	10,000	S
Male	3,000	3,000	2,000	3,000	S	6,000	3,000	S	7,000	9,000	S
Female	6,000	6,000	S	S	S	4,000	4,000	S	S	S	S
Other engineering	2,000	500	1,000	14,000	10,000	1,000	2,000	19,000	3,000	1,000	6,000
Male	2,000	2,000	3,000	18,000	16,000	3,000	3,000	S	4,000	4,000	11,000
Female	5,000	4,000	4,000	S	S	7,000	7,000	S	4,000	S	S
S&E-related fields	4,000	7,000	12,000	40,000	17,000	2,000	3,000	7,000	7,000	2,000	16,000
Male	8,000	10,000	13,000	31,000	50,000	4,000	2,000	S	11,000	4,000	S
Female	3,000	9,000	25,000	39,000	1,000	2,000	3,000	15,000	6,000	1,000	19,000
Health	4,000	10,000	11,000	40,000	18,000	3,000	2,000	11,000	7,000	2,000	15,000
Male	7,000	6,000	5,000	31,000	2,000	4,000	3,000	S	11,000	4,000	S
Female	4,000	9,000	25,000	39,000	1,000	3,000	3,000	8,000	5,000	1,000	16,000
Science/mathematics teacher education	2,000	S	S	S	S	2,000	2,000	S	S	S	S
Male	S	S	S	S	S	S	S	S	S	S	S
Female	5,000	S	S	S	S	5,000	S	S	S	S	S
Technology/technical 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
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	6,000	22,000	6,000	3,000	4,000	6,000	18,000	S	S
Male	4,000	5,000	16,000	S	6,000	6,000	6,000	5,000	S	S	S
Female	4,000	16,000	15,000	S	S	4,000	4,000	10,000	S	S	S
Arts/humanities	5,000	S	S	S	S	7,000	8,000	S	S	S	S
Male	9,000	S	S	S	S	7,000	9,000	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: 2006
(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	8,000	S	S	S	S	5,000	5,000	S	S	S	S
Education, except science/mathematics education teacher	3,000	11,000	S	S	S	4,000	3,000	8,000	S	S	S
Male	4,000	S	S	S	S	4,000	7,000	17,000	S	S	S
Female	4,000	S	S	S	S	3,000	5,000	17,000	S	S	S
Management/administration	3,000	S	S	S	S	6,000	6,000	S	S	S	S
Male	4,000	S	S	S	S	7,000	7,000	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	9,000	3,000	S	S	S	6,000	4,000	S	S	S	S
Male	8,000	2,000	S	S	S	4,000	6,000	S	S	S	S
Female	10,000	S	S	S	S	S	S	S	S	S	S
Other non-S&E fields	11,000	12,000	S	S	S	4,000	5,000	S	S	S	S
Male	14,000	S	S	S	S	S	S	S	S	S	S
Female	12,000	S	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. 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): 2006.

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: 2006
(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 degrees[a]	500	1,000	1,000	500	1,000	1,000
Business/industry	1,000	1,000	1,000	500	1,000	500
4-year college/university	2,000	1,000	1,000	4,000	3,000	1,000
Other educational institution	1,000	1,000	1,000	1,000	2,000	1,000
Government	500	1,000	1,000	1,000	2,000	1,000
S&E fields	1,000	500	1,000	1,000	2,000	1,000
Business/industry	500	1,000	4,000	500	1,000	500
4-year college/university	1,000	1,000	1,000	2,000	1,000	3,000
Other educational institution	1,000	500	1,000	1,000	4,000	2,000
Government	1,000	2,000	3,000	1,000	2,000	1,000
Sciences	500	1,000	1,000	1,000	500	1,000
Business/industry	500	1,000	2,000	1,000	500	1,000
4-year college/university	500	1,000	500	1,000	1,000	1,000
Other educational institution	1,000	500	1,000	1,000	4,000	1,000
Government	2,000	2,000	3,000	1,000	1,000	1,000
Biological/agricultural/environmental life sciences	4,000	1,000	1,000	1,000	3,000	1,000
Business/industry	500	1,000	2,000	2,000	3,000	1,000
4-year college/university	1,000	1,000	2,000	3,000	6,000	2,000
Other educational institution	1,000	4,000	1,000	3,000	S	4,000
Government	2,000	2,000	4,000	4,000	5,000	3,000
Agricultural/food sciences	2,000	4,000	7,000	2,000	8,000	3,000
Business/industry	4,000	4,000	4,000	4,000	7,000	4,000
4-year college/university	4,000	8,000	3,000	7,000	S	6,000
Other educational institution	12,000	S	12,000	9,000	S	S
Government	6,000	8,000	S	13,000	S	6,000
Biological sciences	500	500	1,000	3,000	4,000	2,000
Business/industry	2,000	1,000	1,000	4,000	2,000	3,000
4-year college/university	1,000	4,000	3,000	2,000	2,000	8,000
Other educational institution	1,000	3,000	2,000	4,000	S	9,000
Government	2,000	2,000	4,000	3,000	5,000	6,000
Environmental life sciences	2,000	2,000	6,000	3,000	8,000	3,000
Business/industry	2,000	9,000	16,000	2,000	19,000	5,000
4-year college/university	3,000	2,000	8,000	3,000	S	5,000
Other educational institution	4,000	S	3,000	S	S	S
Government	3,000	12,000	S	3,000	6,000	6,000
Computer/mathematical sciences	1,000	3,000	1,000	2,000	500	3,000
Business/industry	500	3,000	6,000	2,000	2,000	3,000
4-year college/university	2,000	1,000	4,000	3,000	4,000	5,000
Other educational institution	1,000	3,000	2,000	2,000	4,000	3,000
Government	3,000	2,000	17,000	2,000	2,000	2,000
Computer/information sciences	1,000	1,000	2,000	1,000	500	2,000
Business/industry	500	3,000	8,000	3,000	2,000	4,000
4-year college/university	7,000	1,000	5,000	7,000	3,000	12,000
Other educational institution	1,000	7,000	4,000	2,000	3,000	3,000
Government	4,000	3,000	S	3,000	4,000	3,000
Mathematical sciences	2,000	3,000	2,000	2,000	2,000	4,000
Business/industry	3,000	2,000	4,000	3,000	1,000	3,000
4-year college/university	3,000	3,000	3,000	4,000	3,000	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: 2006
(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	2,000	1,000	2,000	3,000	5,000	5,000
Government	4,000	2,000	S	9,000	3,000	2,000
Physical/related sciences	2,000	1,000	2,000	2,000	2,000	3,000
Business/industry	2,000	3,000	10,000	3,000	3,000	4,000
4-year college/university	2,000	1,000	3,000	3,000	8,000	8,000
Other educational institution	2,000	4,000	2,000	4,000	S	11,000
Government	3,000	6,000	10,000	7,000	11,000	5,000
Chemistry, except biochemistry	2,000	1,000	3,000	4,000	6,000	3,000
Business/industry	2,000	4,000	12,000	4,000	5,000	4,000
4-year college/university	2,000	2,000	2,000	6,000	12,000	6,000
Other educational institution	5,000	7,000	3,000	6,000	S	23,000
Government	5,000	7,000	S	10,000	S	7,000
Earth/atmospheric/ocean sciences	2,000	3,000	6,000	5,000	8,000	3,000
Business/industry	4,000	6,000	16,000	6,000	13,000	5,000
4-year college/university	5,000	3,000	2,000	12,000	3,000	14,000
Other educational institution	3,000	7,000	3,000	13,000	S	S
Government	3,000	10,000	S	9,000	7,000	4,000
Physics/astronomy	3,000	5,000	3,000	7,000	6,000	12,000
Business/industry	4,000	4,000	22,000	4,000	6,000	17,000
4-year college/university	3,000	5,000	3,000	10,000	11,000	2,000
Other educational institution	6,000	6,000	7,000	1,000	S	S
Government	9,000	4,000	S	24,000	9,000	8,000
Other physical sciences	7,000	2,000	8,000	4,000	37,000	5,000
Business/industry	9,000	12,000	S	12,000	S	6,000
4-year college/university	25,000	1,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	19,000	23,000	S	5,000	S	S
Social/related sciences	500	3,000	500	1,000	2,000	1,000
Business/industry	1,000	4,000	1,000	1,000	2,000	500
4-year college/university	2,000	1,000	1,000	4,000	9,000	1,000
Other educational institution	3,000	1,000	1,000	2,000	13,000	2,000
Government	1,000	3,000	6,000	3,000	3,000	1,000
Economics	2,000	1,000	7,000	2,000	2,000	4,000
Business/industry	2,000	1,000	24,000	2,000	3,000	5,000
4-year college/university	8,000	7,000	7,000	14,000	S	7,000
Other educational institution	6,000	S	6,000	7,000	S	S
Government	5,000	5,000	S	10,000	12,000	2,000
Political/related sciences	2,000	2,000	2,000	3,000	4,000	4,000
Business/industry	2,000	2,000	7,000	3,000	8,000	5,000
4-year college/university	6,000	13,000	4,000	2,000	S	8,000
Other educational institution	3,000	7,000	2,000	5,000	S	9,000
Government	2,000	8,000	S	4,000	6,000	3,000
Psychology	500	1,000	1,000	1,000	4,000	1,000
Business/industry	500	5,000	3,000	2,000	5,000	2,000
4-year college/university	1,000	4,000	3,000	6,000	500	4,000
Other educational institution	1,000	2,000	2,000	3,000	S	1,000
Government	2,000	2,000	3,000	2,000	19,000	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: 2006
(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
Sociology/anthropology	1,000	3,000	4,000	2,000	5,000	1,000
Business/industry	4,000	9,000	5,000	1,000	4,000	1,000
4-year college/university	1,000	3,000	2,000	3,000	S	2,000
Other educational institution	3,000	6,000	5,000	5,000	S	3,000
Government	2,000	9,000	9,000	2,000	5,000	4,000
Other social sciences	2,000	4,000	2,000	4,000	4,000	2,000
Business/industry	2,000	4,000	4,000	4,000	4,000	2,000
4-year college/university	5,000	3,000	6,000	2,000	14,000	11,000
Other educational institution	1,000	7,000	2,000	6,000	S	17,000
Government	4,000	3,000	16,000	5,000	6,000	4,000
Engineering	500	500	3,000	1,000	1,000	1,000
Business/industry	1,000	1,000	5,000	500	1,000	2,000
4-year college/university	1,000	7,000	3,000	4,000	5,000	6,000
Other educational institution	2,000	2,000	3,000	2,000	S	23,000
Government	1,000	2,000	13,000	1,000	3,000	2,000
Aerospace/related engineering	3,000	3,000	22,000	5,000	8,000	9,000
Business/industry	6,000	6,000	S	7,000	6,000	21,000
4-year college/university	13,000	14,000	43,000	11,000	7,000	S
Other educational institution	S	S	S	S	S	S
Government	8,000	2,000	S	14,000	10,000	16,000
Chemical engineering	2,000	2,000	1,000	3,000	5,000	4,000
Business/industry	4,000	2,000	41,000	4,000	5,000	4,000
4-year college/university	2,000	9,000	9,000	45,000	S	1,000
Other educational institution	10,000	S	13,000	S	S	S
Government	8,000	11,000	S	9,000	S	10,000
Civil/architectural engineering	500	1,000	11,000	500	3,000	4,000
Business/industry	3,000	2,000	12,000	2,000	4,000	4,000
4-year college/university	6,000	9,000	2,000	8,000	S	9,000
Other educational institution	6,000	S	5,000	S	S	S
Government	2,000	2,000	S	2,000	8,000	3,000
Electrical/computer engineering	500	1,000	6,000	500	1,000	3,000
Business/industry	1,000	500	7,000	2,000	2,000	2,000
4-year college/university	2,000	1,000	7,000	8,000	4,000	5,000
Other educational institution	3,000	S	6,000	S	S	S
Government	4,000	6,000	S	4,000	3,000	7,000
Industrial engineering	3,000	4,000	12,000	3,000	8,000	4,000
Business/industry	3,000	4,000	25,000	7,000	4,000	6,000
4-year college/university	10,000	9,000	16,000	2,000	31,000	S
Other educational institution	S	S	S	S	S	S
Government	8,000	25,000	S	8,000	S	14,000
Mechanical engineering	1,000	2,000	4,000	2,000	3,000	2,000
Business/industry	500	2,000	16,000	2,000	4,000	2,000
4-year college/university	4,000	11,000	1,000	24,000	34,000	8,000
Other educational institution	20,000	S	26,000	S	S	S
Government	4,000	4,000	S	3,000	5,000	8,000
Other engineering	500	500	7,000	2,000	3,000	4,000
Business/industry	3,000	2,000	14,000	2,000	3,000	5,000
4-year college/university	3,000	3,000	7,000	10,000	20,000	8,000

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: 2006
(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	3,000	S	1,000	S	S	S
Government	3,000	4,000	S	5,000	6,000	5,000
S&E-related fields	500	1,000	500	2,000	2,000	1,000
Business/industry	1,000	2,000	1,000	2,000	2,000	2,000
4-year college/university	2,000	2,000	2,000	3,000	6,000	2,000
Other educational institution	500	1,000	500	2,000	3,000	2,000
Government	2,000	2,000	3,000	2,000	11,000	1,000
Health	1,000	5,000	1,000	500	6,000	1,000
Business/industry	1,000	5,000	2,000	2,000	5,000	1,000
4-year college/university	3,000	3,000	3,000	2,000	5,000	4,000
Other educational institution	3,000	3,000	2,000	5,000	S	2,000
Government	1,000	4,000	3,000	1,000	13,000	1,000
Science/mathematics teacher education	1,000	2,000	2,000	3,000	10,000	6,000
Business/industry	3,000	10,000	5,000	3,000	14,000	6,000
4-year college/university	8,000	9,000	9,000	15,000	S	S
Other educational institution	2,000	2,000	1,000	1,000	10,000	4,000
Government	8,000	S	S	10,000	S	S
Technology/technical fields	2,000	3,000	6,000	2,000	1,000	4,000
Business/industry	1,000	3,000	S	2,000	2,000	4,000
4-year college/university	10,000	S	S	S	S	S
Other educational institution	8,000	S	7,000	S	S	S
Government	8,000	8,000	S	7,000	5,000	11,000
Other S&E-related fields	4,000	2,000	11,000	3,000	19,000	4,000
Business/industry	2,000	3,000	S	4,000	19,000	5,000
4-year college/university	9,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	5,000	9,000	S	10,000	S	9,000
Non-S&E fields	1,000	2,000	500	3,000	2,000	500
Business/industry	1,000	2,000	2,000	2,000	2,000	2,000
4-year college/university	1,000	3,000	1,000	3,000	2,000	2,000
Other educational institution	1,000	2,000	500	1,000	4,000	1,000
Government	2,000	3,000	6,000	2,000	3,000	4,000
Arts/humanities	2,000	4,000	2,000	3,000	2,000	4,000
Business/industry	3,000	4,000	12,000	6,000	3,000	4,000
4-year college/university	2,000	3,000	2,000	5,000	11,000	5,000
Other educational institution	2,000	4,000	2,000	7,000	S	S
Government	2,000	7,000	S	3,000	9,000	14,000
Education, except science/mathematics teacher education	500	2,000	1,000	1,000	3,000	500
Business/industry	4,000	5,000	10,000	3,000	10,000	3,000
4-year college/university	2,000	2,000	3,000	6,000	S	6,000
Other educational institution	1,000	2,000	500	1,000	4,000	2,000
Government	3,000	S	7,000	4,000	7,000	4,000
Management/administration	2,000	1,000	2,000	2,000	1,000	2,000
Business/industry	2,000	3,000	3,000	500	2,000	2,000
4-year college/university	7,000	6,000	15,000	13,000	7,000	4,000
Other educational institution	4,000	10,000	3,000	3,000	S	9,000
Government	3,000	7,000	S	4,000	3,000	6,000

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: 2006
(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
Sales/marketing	5,000	8,000	16,000	4,000	12,000	8,000
Business/industry	5,000	8,000	S	3,000	14,000	13,000
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	2,000	3,000	2,000	1,000	11,000	2,000
Business/industry	2,000	3,000	5,000	3,000	11,000	2,000
4-year college/university	3,000	1,000	4,000	4,000	S	2,000
Other educational institution	4,000	S	2,000	8,000	S	3,000
Government	5,000	8,000	S	2,000	S	3,000
Other non-S&E fields	1,000	3,000	1,000	4,000	7,000	3,000
Business/industry	1,000	3,000	10,000	3,000	4,000	4,000
4-year college/university	3,000	6,000	3,000	5,000	S	3,000
Other educational institution	2,000	6,000	2,000	3,000	S	5,000
Government	3,000	6,000	4,000	3,000	8,000	4,000
Bachelor's degrees, all fields	500	1,000	1,000	1,000	500	1,000
Business/industry	2,000	1,000	2,000	500	1,000	500
4-year college/university	1,000	1,000	3,000	2,000	1,000	2,000
Other educational institution	1,000	1,000	1,000	1,000	2,000	2,000
Government	1,000	2,000	2,000	1,000	2,000	1,000
S&E fields	1,000	1,000	1,000	1,000	500	1,000
Business/industry	500	1,000	2,000	500	2,000	2,000
4-year college/university	500	1,000	1,000	2,000	1,000	3,000
Other educational institution	3,000	2,000	1,000	1,000	3,000	3,000
Government	1,000	1,000	3,000	1,000	1,000	1,000
Sciences	1,000	1,000	2,000	500	2,000	2,000
Business/industry	500	2,000	2,000	2,000	4,000	2,000
4-year college/university	500	1,000	3,000	2,000	1,000	2,000
Other educational institution	1,000	4,000	1,000	1,000	4,000	3,000
Government	500	1,000	4,000	1,000	2,000	1,000
Biological/agricultural/environmental life sciences	1,000	2,000	2,000	2,000	5,000	2,000
Business/industry	1,000	2,000	4,000	500	4,000	3,000
4-year college/university	3,000	1,000	3,000	1,000	S	6,000
Other educational institution	3,000	3,000	5,000	2,000	S	6,000
Government	2,000	2,000	2,000	3,000	5,000	1,000
Agricultural/food sciences	1,000	4,000	6,000	3,000	9,000	4,000
Business/industry	1,000	7,000	S	4,000	9,000	3,000
4-year college/university	4,000	3,000	S	S	S	S
Other educational institution	6,000	S	S	S	S	S
Government	6,000	7,000	S	15,000	S	5,000
Biological sciences	1,000	1,000	2,000	500	3,000	2,000
Business/industry	1,000	2,000	3,000	3,000	4,000	1,000
4-year college/university	2,000	2,000	2,000	3,000	S	9,000
Other educational institution	3,000	3,000	4,000	2,000	S	S
Government	4,000	4,000	3,000	5,000	6,000	1,000
Environmental life sciences	3,000	3,000	6,000	3,000	7,000	3,000
Business/industry	3,000	12,000	20,000	3,000	S	6,000
4-year college/university	4,000	1,000	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: 2006
(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	4,000	S	2,000	S	S	S
Government	3,000	9,000	S	2,000	S	5,000
Computer/mathematical sciences	3,000	2,000	1,000	1,000	1,000	3,000
Business/industry	1,000	1,000	5,000	1,000	500	2,000
4-year college/university	2,000	1,000	3,000	8,000	4,000	13,000
Other educational institution	2,000	1,000	2,000	3,000	2,000	4,000
Government	4,000	4,000	S	4,000	5,000	2,000
Computer/information sciences	3,000	500	2,000	1,000	4,000	3,000
Business/industry	2,000	1,000	5,000	3,000	3,000	4,000
4-year college/university	3,000	3,000	S	5,000	3,000	S
Other educational institution	2,000	S	3,000	3,000	2,000	S
Government	4,000	6,000	S	3,000	2,000	3,000
Mathematical sciences	3,000	2,000	2,000	3,000	2,000	9,000
Business/industry	3,000	4,000	6,000	4,000	3,000	7,000
4-year college/university	4,000	7,000	1,000	20,000	9,000	6,000
Other educational institution	2,000	1,000	2,000	3,000	S	12,000
Government	6,000	3,000	S	4,000	4,000	2,000
Physical/related sciences	2,000	3,000	3,000	1,000	5,000	1,000
Business/industry	1,000	4,000	7,000	5,000	3,000	2,000
4-year college/university	3,000	1,000	1,000	3,000	15,000	6,000
Other educational institution	3,000	1,000	3,000	7,000	S	S
Government	4,000	7,000	S	6,000	13,000	5,000
Chemistry, except biochemistry	2,000	3,000	4,000	2,000	11,000	1,000
Business/industry	2,000	4,000	11,000	3,000	13,000	2,000
4-year college/university	2,000	1,000	1,000	9,000	S	15,000
Other educational institution	4,000	S	6,000	8,000	S	S
Government	7,000	10,000	S	12,000	S	8,000
Earth/atmospheric/ocean sciences	5,000	5,000	4,000	3,000	13,000	3,000
Business/industry	3,000	5,000	S	7,000	14,000	9,000
4-year college/university	16,000	1,000	8,000	S	S	S
Other educational institution	1,000	S	1,000	S	S	S
Government	2,000	8,000	S	2,000	S	2,000
Physics/astronomy	13,000	13,000	8,000	10,000	11,000	13,000
Business/industry	8,000	7,000	S	13,000	11,000	23,000
4-year college/university	4,000	3,000	4,000	10,000	24,000	14,000
Other educational institution	12,000	S	13,000	8,000	S	S
Government	23,000	42,000	S	40,000	S	500
Other physical sciences	7,000	3,000	S	4,000	S	6,000
Business/industry	12,000	15,000	S	13,000	S	7,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	18,000	S	S	6,000	S	S
Social/related sciences	1,000	2,000	2,000	1,000	2,000	1,000
Business/industry	2,000	1,000	2,000	2,000	4,000	1,000
4-year college/university	1,000	4,000	2,000	3,000	16,000	500
Other educational institution	1,000	2,000	1,000	1,000	9,000	4,000
Government	1,000	2,000	5,000	2,000	4,000	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: 2006
(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
Economics	1,000	3,000	11,000	2,000	10,000	3,000
Business/industry	2,000	1,000	15,000	5,000	15,000	6,000
4-year college/university	4,000	S	S	10,000	S	S
Other educational institution	8,000	S	11,000	S	S	S
Government	7,000	12,000	S	4,000	S	2,000
Political/related sciences	2,000	4,000	3,000	2,000	5,000	8,000
Business/industry	3,000	2,000	13,000	4,000	9,000	6,000
4-year college/university	3,000	3,000	3,000	9,000	S	8,000
Other educational institution	3,000	S	6,000	3,000	S	S
Government	2,000	4,000	S	2,000	S	2,000
Psychology	500	1,000	2,000	1,000	4,000	1,000
Business/industry	1,000	3,000	1,000	2,000	6,000	2,000
4-year college/university	1,000	1,000	6,000	3,000	S	9,000
Other educational institution	3,000	5,000	3,000	3,000	S	1,000
Government	2,000	2,000	3,000	3,000	22,000	2,000
Sociology/anthropology	2,000	1,000	1,000	1,000	7,000	1,000
Business/industry	1,000	2,000	4,000	1,000	6,000	1,000
4-year college/university	3,000	500	S	4,000	S	5,000
Other educational institution	3,000	7,000	3,000	4,000	S	3,000
Government	2,000	3,000	8,000	1,000	5,000	4,000
Other social sciences	1,000	3,000	2,000	2,000	4,000	2,000
Business/industry	2,000	4,000	5,000	3,000	5,000	3,000
4-year college/university	3,000	S	S	7,000	S	11,000
Other educational institution	2,000	3,000	2,000	4,000	S	6,000
Government	6,000	8,000	S	8,000	S	1,000
Engineering	500	500	4,000	500	2,000	2,000
Business/industry	1,000	1,000	8,000	2,000	500	1,000
4-year college/university	4,000	1,000	5,000	9,000	10,000	4,000
Other educational institution	2,000	8,000	3,000	3,000	S	S
Government	1,000	1,000	15,000	3,000	5,000	5,000
Aerospace/related engineering	4,000	2,000	12,000	6,000	9,000	7,000
Business/industry	6,000	2,000	S	9,000	8,000	22,000
4-year college/university	38,000	3,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	15,000	8,000	S	17,000	S	29,000
Chemical engineering	3,000	3,000	11,000	3,000	9,000	2,000
Business/industry	3,000	3,000	S	2,000	8,000	4,000
4-year college/university	14,000	3,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	6,000	9,000	S	15,000	S	22,000
Civil/architectural engineering	3,000	3,000	13,000	2,000	4,000	3,000
Business/industry	1,000	4,000	S	500	4,000	4,000
4-year college/university	27,000	16,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	2,000	2,000	S	3,000	8,000	4,000
Electrical/computer engineering	500	2,000	8,000	1,000	1,000	2,000
Business/industry	3,000	1,000	22,000	2,000	2,000	3,000
4-year college/university	10,000	10,000	5,000	9,000	3,000	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: 2006
(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	3,000	S	3,000	S	S	S
Government	4,000	4,000	S	6,000	5,000	3,000
Industrial engineering	1,000	5,000	7,000	4,000	13,000	5,000
Business/industry	4,000	3,000	S	7,000	13,000	6,000
4-year college/university	4,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	13,000	S	S	16,000	S	S
Mechanical engineering	2,000	2,000	10,000	2,000	5,000	3,000
Business/industry	2,000	2,000	S	2,000	4,000	4,000
4-year college/university	14,000	15,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	5,000	4,000	S	4,000	S	14,000
Other engineering	2,000	3,000	3,000	3,000	4,000	5,000
Business/industry	2,000	3,000	S	3,000	3,000	5,000
4-year college/university	4,000	2,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	5,000	10,000	S	7,000	S	10,000
S&E-related fields	1,000	2,000	500	1,000	3,000	500
Business/industry	1,000	1,000	2,000	500	2,000	1,000
4-year college/university	1,000	6,000	9,000	4,000	8,000	1,000
Other educational institution	2,000	4,000	2,000	2,000	S	4,000
Government	2,000	7,000	2,000	3,000	18,000	1,000
Health	500	1,000	2,000	1,000	7,000	500
Business/industry	1,000	4,000	2,000	2,000	9,000	500
4-year college/university	1,000	3,000	4,000	5,000	S	1,000
Other educational institution	1,000	5,000	2,000	7,000	S	3,000
Government	1,000	9,000	2,000	3,000	S	1,000
Science/mathematics teacher education	2,000	3,000	2,000	2,000	11,000	7,000
Business/industry	3,000	S	S	3,000	S	8,000
4-year college/university	S	S	S	S	S	S
Other educational institution	2,000	3,000	2,000	3,000	S	S
Government	9,000	S	S	S	S	S
Technology/technical fields	2,000	3,000	9,000	4,000	3,000	5,000
Business/industry	3,000	3,000	S	2,000	2,000	5,000
4-year college/university	12,000	S	S	S	S	S
Other educational institution	8,000	S	S	S	S	S
Government	6,000	14,000	S	4,000	8,000	19,000
Other S&E-related fields	3,000	4,000	S	3,000	20,000	5,000
Business/industry	4,000	5,000	S	3,000	20,000	5,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	10,000	S	S	10,000	S	S
Non-S&E fields	2,000	1,000	1,000	1,000	2,000	1,000
Business/industry	2,000	2,000	7,000	3,000	1,000	2,000
4-year college/university	2,000	3,000	S	2,000	6,000	2,000
Other educational institution	1,000	4,000	1,000	1,000	7,000	6,000
Government	2,000	5,000	1,000	2,000	5,000	3,000

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: 2006
(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
Arts/humanities	3,000	4,000	3,000	3,000	3,000	3,000
Business/industry	4,000	4,000	S	6,000	3,000	4,000
4-year college/university	6,000	S	S	8,000	S	S
Other educational institution	4,000	S	5,000	5,000	S	S
Government	2,000	7,000	S	3,000	10,000	5,000
Education, except science/mathematics teacher education	2,000	3,000	1,000	3,000	5,000	6,000
Business/industry	6,000	10,000	S	7,000	10,000	8,000
4-year college/university	S	S	S	S	S	S
Other educational institution	1,000	3,000	1,000	2,000	S	3,000
Government	11,000	S	S	14,000	S	S
Management/administration	3,000	2,000	3,000	1,000	1,000	3,000
Business/industry	2,000	2,000	5,000	3,000	2,000	3,000
4-year college/university	4,000	S	S	6,000	9,000	S
Other educational institution	6,000	S	2,000	9,000	S	S
Government	4,000	4,000	S	5,000	6,000	5,000
Sales/marketing	4,000	11,000	S	4,000	13,000	12,000
Business/industry	5,000	17,000	S	6,000	16,000	12,000
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	2,000	3,000	S	5,000	14,000	7,000
Business/industry	5,000	14,000	S	6,000	13,000	6,000
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 non-S&E fields	3,000	7,000	3,000	5,000	6,000	3,000
Business/industry	3,000	5,000	S	3,000	5,000	3,000
4-year college/university	S	S	S	S	S	S
Other educational institution	3,000	S	3,000	S	S	S
Government	3,000	11,000	S	7,000	S	9,000
Master's degrees, all fields	1,000	1,000	1,000	1,000	500	1,000
Business/industry	1,000	1,000	500	2,000	1,000	2,000
4-year college/university	2,000	1,000	2,000	2,000	4,000	2,000
Other educational institution	500	1,000	1,000	1,000	3,000	500
Government	1,000	3,000	2,000	2,000	4,000	1,000
S&E fields	1,000	1,000	1,000	500	1,000	2,000
Business/industry	1,000	1,000	4,000	2,000	2,000	5,000
4-year college/university	1,000	3,000	3,000	2,000	4,000	6,000
Other educational institution	500	2,000	1,000	2,000	5,000	1,000
Government	2,000	2,000	3,000	2,000	4,000	3,000
Sciences	500	1,000	2,000	2,000	500	1,000
Business/industry	1,000	3,000	2,000	3,000	4,000	2,000
4-year college/university	2,000	2,000	3,000	2,000	8,000	4,000
Other educational institution	1,000	1,000	1,000	2,000	5,000	1,000
Government	2,000	4,000	2,000	2,000	4,000	3,000
Biological/agricultural/environmental life sciences	2,000	4,000	4,000	3,000	8,000	2,000
Business/industry	5,000	2,000	2,000	6,000	8,000	1,000
4-year college/university	3,000	2,000	2,000	3,000	S	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: 2006
(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	11,000	1,000	5,000	S	S
Government	3,000	3,000	S	3,000	S	4,000
Agricultural/food sciences	5,000	4,000	7,000	7,000	S	4,000
Business/industry	9,000	6,000	S	18,000	S	7,000
4-year college/university	7,000	11,000	S	9,000	S	S
Other educational institution	S	S	S	S	S	S
Government	7,000	S	S	S	S	S
Biological sciences	2,000	4,000	3,000	4,000	10,000	1,000
Business/industry	5,000	4,000	2,000	7,000	10,000	4,000
4-year college/university	1,000	2,000	2,000	2,000	S	4,000
Other educational institution	1,000	8,000	2,000	11,000	S	S
Government	5,000	3,000	S	3,000	S	3,000
Environmental life sciences	3,000	10,000	7,000	5,000	S	6,000
Business/industry	4,000	11,000	S	4,000	S	16,000
4-year college/university	9,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	12,000	6,000	S	11,000	S	S
Computer/mathematical sciences	500	2,000	3,000	3,000	2,000	5,000
Business/industry	2,000	3,000	38,000	3,000	2,000	3,000
4-year college/university	2,000	5,000	4,000	6,000	7,000	8,000
Other educational institution	4,000	5,000	2,000	5,000	11,000	4,000
Government	8,000	9,000	S	3,000	7,000	7,000
Computer/information sciences	2,000	2,000	7,000	3,000	2,000	6,000
Business/industry	2,000	1,000	17,000	3,000	2,000	5,000
4-year college/university	3,000	7,000	9,000	7,000	5,000	S
Other educational institution	7,000	S	12,000	S	S	S
Government	6,000	12,000	S	7,000	6,000	15,000
Mathematical sciences	4,000	2,000	2,000	5,000	5,000	10,000
Business/industry	2,000	5,000	S	3,000	5,000	6,000
4-year college/university	5,000	2,000	5,000	8,000	12,000	S
Other educational institution	6,000	5,000	3,000	4,000	S	S
Government	6,000	6,000	S	10,000	10,000	S
Physical/related sciences	2,000	2,000	7,000	5,000	5,000	7,000
Business/industry	4,000	3,000	S	5,000	9,000	6,000
4-year college/university	4,000	2,000	7,000	23,000	23,000	9,000
Other educational institution	8,000	22,000	8,000	15,000	S	S
Government	3,000	4,000	S	2,000	S	7,000
Chemistry, except biochemistry	4,000	3,000	6,000	5,000	14,000	24,000
Business/industry	4,000	5,000	S	11,000	S	10,000
4-year college/university	4,000	3,000	S	S	S	S
Other educational institution	8,000	S	5,000	S	S	S
Government	4,000	S	S	S	S	S
Earth/atmospheric/ocean sciences	4,000	6,000	16,000	2,000	6,000	9,000
Business/industry	7,000	7,000	S	4,000	S	8,000
4-year college/university	5,000	15,000	S	S	S	S
Other educational institution	14,000	S	19,000	S	S	S
Government	2,000	3,000	S	1,000	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: 2006
(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
Physics/astronomy	5,000	4,000	6,000	15,000	8,000	20,000
Business/industry	11,000	6,000	S	18,000	8,000	24,000
4-year college/university	7,000	4,000	16,000	S	38,000	S
Other educational institution	9,000	S	10,000	S	S	S
Government	S	S	S	S	S	S
Other physical sciences	23,000	S	S	43,000	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	1,000	1,000	2,000	1,000	5,000	1,000
Business/industry	2,000	3,000	2,000	4,000	4,000	1,000
4-year college/university	2,000	3,000	3,000	3,000	S	2,000
Other educational institution	2,000	3,000	2,000	3,000	S	2,000
Government	2,000	10,000	3,000	3,000	16,000	4,000
Economics	9,000	11,000	7,000	5,000	7,000	16,000
Business/industry	7,000	27,000	S	6,000	8,000	19,000
4-year college/university	11,000	15,000	15,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	3,000	17,000	S	7,000	S	S
Political/related sciences	3,000	8,000	3,000	7,000	10,000	7,000
Business/industry	6,000	8,000	S	8,000	16,000	7,000
4-year college/university	8,000	5,000	13,000	14,000	S	S
Other educational institution	9,000	S	7,000	S	S	S
Government	13,000	5,000	S	4,000	S	9,000
Psychology	1,000	2,000	2,000	2,000	4,000	2,000
Business/industry	2,000	7,000	2,000	3,000	15,000	1,000
4-year college/university	5,000	6,000	4,000	8,000	S	2,000
Other educational institution	1,000	5,000	3,000	4,000	S	1,000
Government	3,000	11,000	S	3,000	S	2,000
Sociology/anthropology	4,000	6,000	4,000	5,000	S	6,000
Business/industry	5,000	12,000	S	6,000	S	5,000
4-year college/university	9,000	12,000	12,000	12,000	S	S
Other educational institution	13,000	S	8,000	S	S	S
Government	11,000	5,000	S	15,000	S	10,000
Other social sciences	2,000	3,000	5,000	4,000	5,000	5,000
Business/industry	9,000	6,000	15,000	14,000	S	9,000
4-year college/university	1,000	5,000	9,000	4,000	S	S
Other educational institution	4,000	5,000	3,000	10,000	S	S
Government	10,000	12,000	S	12,000	S	19,000
Engineering	2,000	1,000	7,000	2,000	3,000	2,000
Business/industry	500	1,000	4,000	1,000	500	3,000
4-year college/university	3,000	1,000	23,000	7,000	15,000	13,000
Other educational institution	2,000	S	2,000	6,000	S	S
Government	3,000	2,000	S	3,000	8,000	4,000
Aerospace/related engineering	5,000	4,000	S	8,000	11,000	24,000
Business/industry	3,000	3,000	S	11,000	18,000	S
4-year college/university	3,000	500	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: 2006
(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	5,000	2,000	S	S	S	S
Chemical engineering	2,000	3,000	S	6,000	10,000	5,000
Business/industry	5,000	4,000	S	9,000	S	5,000
4-year college/university	2,000	2,000	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	2,000	36,000	4,000	4,000	4,000
Business/industry	2,000	5,000	S	5,000	6,000	5,000
4-year college/university	7,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	1,000	3,000	S	1,000	S	5,000
Electrical/computer engineering	1,000	2,000	14,000	1,000	3,000	2,000
Business/industry	2,000	2,000	S	2,000	2,000	3,000
4-year college/university	7,000	3,000	10,000	S	10,000	S
Other educational institution	S	S	S	S	S	S
Government	5,000	11,000	S	4,000	15,000	10,000
Industrial engineering	4,000	3,000	S	4,000	8,000	19,000
Business/industry	3,000	3,000	S	3,000	7,000	3,000
4-year college/university	24,000	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	17,000	S	S	25,000	S	S
Mechanical engineering	3,000	2,000	5,000	3,000	5,000	8,000
Business/industry	3,000	2,000	S	3,000	5,000	9,000
4-year college/university	14,000	13,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	7,000	7,000	S	8,000	S	S
Other engineering	1,000	3,000	7,000	2,000	2,000	5,000
Business/industry	3,000	1,000	S	3,000	7,000	6,000
4-year college/university	1,000	1,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	4,000	15,000	S	5,000	S	6,000
S&E-related fields	2,000	1,000	1,000	1,000	3,000	2,000
Business/industry	1,000	3,000	2,000	1,000	5,000	1,000
4-year college/university	3,000	3,000	4,000	4,000	S	4,000
Other educational institution	500	1,000	500	1,000	9,000	3,000
Government	3,000	5,000	3,000	1,000	S	5,000
Health	1,000	4,000	2,000	2,000	7,000	2,000
Business/industry	2,000	4,000	2,000	1,000	12,000	1,000
4-year college/university	4,000	2,000	5,000	3,000	S	4,000
Other educational institution	3,000	6,000	2,000	2,000	S	5,000
Government	2,000	4,000	3,000	2,000	S	2,000
Science/mathematics teacher education	1,000	5,000	1,000	1,000	3,000	3,000
Business/industry	4,000	S	S	3,000	S	6,000
4-year college/university	5,000	S	6,000	S	S	S
Other educational institution	1,000	4,000	1,000	1,000	S	3,000
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: 2006
(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	5,000	1,000	S	9,000	1,000	5,000
Business/industry	3,000	2,000	S	6,000	1,000	7,000
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	4,000	5,000	S	4,000	S	8,000
Business/industry	3,000	6,000	S	5,000	S	9,000
4-year college/university	S	S	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	6,000	S	S	11,000	S	S
Non-S&E fields	1,000	2,000	1,000	1,000	3,000	2,000
Business/industry	1,000	2,000	2,000	2,000	2,000	4,000
4-year college/university	2,000	1,000	3,000	3,000	3,000	4,000
Other educational institution	500	1,000	1,000	2,000	4,000	2,000
Government	2,000	7,000	5,000	4,000	7,000	1,000
Arts/humanities	3,000	5,000	2,000	4,000	12,000	4,000
Business/industry	6,000	11,000	S	7,000	18,000	1,000
4-year college/university	7,000	S	9,000	S	S	S
Other educational institution	4,000	2,000	4,000	6,000	S	S
Government	8,000	S	S	S	S	S
Education, except science/mathematics teacher education	500	1,000	1,000	2,000	6,000	1,000
Business/industry	4,000	8,000	8,000	2,000	14,000	4,000
4-year college/university	3,000	5,000	4,000	3,000	S	7,000
Other educational institution	500	1,000	1,000	2,000	3,000	2,000
Government	5,000	S	S	6,000	S	8,000
Management/administration	1,000	500	3,000	2,000	3,000	3,000
Business/industry	2,000	500	7,000	2,000	3,000	5,000
4-year college/university	8,000	13,000	2,000	4,000	12,000	2,000
Other educational institution	5,000	6,000	7,000	3,000	S	S
Government	4,000	5,000	S	4,000	4,000	6,000
Sales/marketing	4,000	7,000	S	4,000	6,000	15,000
Business/industry	5,000	6,000	S	4,000	S	7,000
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	2,000	2,000	6,000	2,000	12,000	2,000
Business/industry	2,000	4,000	5,000	3,000	S	3,000
4-year college/university	6,000	S	6,000	S	S	1,000
Other educational institution	4,000	S	8,000	8,000	S	4,000
Government	5,000	9,000	S	2,000	S	3,000
Other non-S&E fields	3,000	5,000	3,000	3,000	6,000	4,000
Business/industry	4,000	13,000	S	4,000	11,000	5,000
4-year college/university	5,000	4,000	13,000	8,000	S	8,000
Other educational institution	4,000	S	3,000	S	S	S
Government	7,000	4,000	S	5,000	S	10,000
Doctorate degrees, all fields	2,000	1,000	500	500	3,000	500
Business/industry	1,000	500	1,000	500	3,000	4,000
4-year college/university	1,000	1,000	1,000	1,000	5,000	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: 2006
(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	2,000	5,000	4,000	8,000	11,000	2,000
Government	2,000	1,000	9,000	2,000	6,000	1,000
S&E fields	1,000	500	1,000	1,000	2,000	500
Business/industry	1,000	500	5,000	1,000	2,000	3,000
4-year college/university	1,000	1,000	1,000	2,000	4,000	1,000
Other educational institution	1,000	3,000	1,000	5,000	5,000	6,000
Government	2,000	2,000	7,000	2,000	5,000	2,000
Sciences	500	500	500	1,000	1,000	2,000
Business/industry	1,000	500	5,000	500	4,000	500
4-year college/university	1,000	1,000	1,000	1,000	4,000	1,000
Other educational institution	1,000	4,000	1,000	5,000	S	6,000
Government	2,000	2,000	9,000	1,000	4,000	3,000
Biological/agricultural/environmental life sciences	1,000	1,000	1,000	2,000	8,000	3,000
Business/industry	3,000	3,000	16,000	4,000	6,000	4,000
4-year college/university	1,000	1,000	2,000	2,000	7,000	5,000
Other educational institution	2,000	9,000	1,000	5,000	S	14,000
Government	2,000	3,000	21,000	500	21,000	8,000
Agricultural/food sciences	2,000	1,000	3,000	2,000	4,000	5,000
Business/industry	4,000	4,000	S	6,000	S	8,000
4-year college/university	2,000	3,000	2,000	5,000	S	6,000
Other educational institution	23,000	S	S	S	S	S
Government	4,000	4,000	S	7,000	S	S
Biological sciences	2,000	2,000	2,000	1,000	8,000	4,000
Business/industry	1,000	2,000	19,000	3,000	6,000	6,000
4-year college/university	1,000	1,000	2,000	2,000	7,000	4,000
Other educational institution	2,000	9,000	1,000	3,000	S	5,000
Government	2,000	2,000	27,000	3,000	30,000	9,000
Environmental life sciences	2,000	6,000	4,000	4,000	S	6,000
Business/industry	7,000	9,000	S	8,000	S	18,000
4-year college/university	6,000	3,000	4,000	4,000	S	S
Other educational institution	S	S	S	S	S	S
Government	2,000	2,000	S	6,000	S	S
Computer/mathematical sciences	1,000	4,000	2,000	5,000	7,000	8,000
Business/industry	5,000	7,000	S	10,000	2,000	16,000
4-year college/university	4,000	1,000	2,000	4,000	4,000	4,000
Other educational institution	15,000	S	17,000	S	S	S
Government	7,000	7,000	S	5,000	8,000	S
Computer/information sciences	5,000	6,000	3,000	9,000	7,000	22,000
Business/industry	8,000	4,000	S	21,000	9,000	45,000
4-year college/university	2,000	5,000	3,000	7,000	8,000	5,000
Other educational institution	S	S	S	S	S	S
Government	2,000	S	S	S	S	S
Mathematical sciences	1,000	4,000	2,000	6,000	1,000	6,000
Business/industry	3,000	6,000	S	8,000	4,000	13,000
4-year college/university	4,000	3,000	1,000	6,000	7,000	8,000
Other educational institution	6,000	S	7,000	S	S	S
Government	5,000	8,000	S	11,000	3,000	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: 2006
(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
Physical/related sciences	1,000	2,000	500	1,000	2,000	4,000
Business/industry	1,000	1,000	29,000	2,000	4,000	3,000
4-year college/university	2,000	2,000	1,000	3,000	1,000	6,000
Other educational institution	1,000	5,000	1,000	5,000	S	12,000
Government	2,000	3,000	S	7,000	6,000	9,000
Chemistry, except biochemistry	1,000	2,000	2,000	1,000	2,000	3,000
Business/industry	1,000	500	28,000	2,000	8,000	5,000
4-year college/university	3,000	2,000	3,000	3,000	9,000	4,000
Other educational institution	2,000	S	3,000	5,000	S	S
Government	8,000	4,000	S	8,000	S	4,000
Earth/atmospheric/ocean sciences	2,000	4,000	2,000	4,000	7,000	7,000
Business/industry	5,000	8,000	S	1,000	6,000	16,000
4-year college/university	3,000	3,000	2,000	4,000	8,000	16,000
Other educational institution	4,000	S	4,000	S	S	S
Government	9,000	4,000	S	11,000	1,000	S
Physics/astronomy	2,000	2,000	1,000	5,000	5,000	2,000
Business/industry	3,000	3,000	S	4,000	3,000	17,000
4-year college/university	1,000	500	1,000	9,000	500	7,000
Other educational institution	1,000	S	1,000	S	S	S
Government	4,000	4,000	S	5,000	3,000	S
Other physical sciences	8,000	11,000	3,000	21,000	S	S
Business/industry	27,000	S	S	S	S	S
4-year college/university	4,000	1,000	S	S	S	S
Other educational institution	S	S	S	S	S	S
Government	13,000	S	S	S	S	S
Social/related sciences	500	2,000	1,000	2,000	3,000	2,000
Business/industry	1,000	4,000	5,000	1,000	4,000	2,000
4-year college/university	1,000	2,000	1,000	2,000	7,000	1,000
Other educational institution	4,000	3,000	4,000	2,000	S	6,000
Government	2,000	3,000	3,000	2,000	5,000	1,000
Economics	2,000	2,000	4,000	6,000	4,000	5,000
Business/industry	14,000	13,000	S	13,000	16,000	18,000
4-year college/university	2,000	1,000	4,000	5,000	S	5,000
Other educational institution	4,000	S	6,000	S	S	S
Government	5,000	5,000	S	9,000	S	12,000
Political/related sciences	3,000	2,000	2,000	4,000	S	8,000
Business/industry	14,000	11,000	S	17,000	S	6,000
4-year college/university	1,000	3,000	2,000	3,000	S	7,000
Other educational institution	6,000	S	5,000	S	S	S
Government	5,000	13,000	S	7,000	S	S
Psychology	2,000	2,000	2,000	2,000	5,000	2,000
Business/industry	4,000	5,000	8,000	3,000	6,000	2,000
4-year college/university	1,000	2,000	2,000	2,000	6,000	2,000
Other educational institution	4,000	4,000	3,000	5,000	S	6,000
Government	2,000	7,000	6,000	1,000	S	2,000
Sociology/anthropology	2,000	2,000	2,000	3,000	7,000	4,000
Business/industry	6,000	6,000	S	7,000	S	3,000
4-year college/university	2,000	1,000	1,000	1,000	S	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: 2006
(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	3,000	S	5,000	S	S	S
Government	4,000	6,000	S	6,000	S	9,000
Other social sciences	1,000	1,000	2,000	4,000	5,000	4,000
Business/industry	5,000	9,000	S	9,000	S	1,000
4-year college/university	2,000	2,000	2,000	5,000	S	4,000
Other educational institution	7,000	S	7,000	S	S	S
Government	5,000	6,000	S	3,000	S	S
Engineering	1,000	1,000	2,000	3,000	3,000	2,000
Business/industry	2,000	2,000	23,000	2,000	1,000	5,000
4-year college/university	2,000	1,000	2,000	8,000	2,000	3,000
Other educational institution	7,000	S	8,000	S	S	S
Government	500	1,000	S	2,000	1,000	3,000
Aerospace/related engineering	9,000	9,000	10,000	7,000	21,000	18,000
Business/industry	5,000	12,000	S	11,000	15,000	27,000
4-year college/university	11,000	9,000	13,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	5,000	8,000	S	S	S	S
Chemical engineering	1,000	5,000	5,000	5,000	12,000	6,000
Business/industry	4,000	1,000	S	3,000	13,000	9,000
4-year college/university	7,000	6,000	5,000	17,000	S	S
Other educational institution	S	S	S	S	S	S
Government	10,000	14,000	S	S	S	S
Civil/architectural engineering	3,000	2,000	4,000	7,000	12,000	2,000
Business/industry	3,000	3,000	S	6,000	14,000	5,000
4-year college/university	3,000	4,000	4,000	10,000	S	S
Other educational institution	S	S	S	S	S	S
Government	5,000	15,000	S	3,000	S	S
Electrical/computer engineering	3,000	2,000	2,000	1,000	1,000	5,000
Business/industry	4,000	5,000	S	2,000	7,000	14,000
4-year college/university	2,000	4,000	4,000	7,000	4,000	6,000
Other educational institution	S	S	S	S	S	S
Government	2,000	1,000	S	7,000	S	S
Industrial engineering	4,000	8,000	5,000	10,000	S	S
Business/industry	5,000	5,000	S	8,000	S	S
4-year college/university	2,000	1,000	2,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Mechanical engineering	1,000	1,000	5,000	5,000	9,000	7,000
Business/industry	3,000	3,000	S	5,000	9,000	6,000
4-year college/university	6,000	6,000	5,000	13,000	S	S
Other educational institution	S	S	S	S	S	S
Government	8,000	7,000	S	S	S	S
Other engineering	2,000	1,000	1,000	2,000	4,000	3,000
Business/industry	500	500	S	6,000	7,000	4,000
4-year college/university	2,000	1,000	3,000	9,000	S	5,000
Other educational institution	19,000	S	19,000	S	S	S
Government	3,000	3,000	S	2,000	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: 2006
(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-related fields	4,000	4,000	1,000	5,000	26,000	5,000
Business/industry	7,000	10,000	3,000	10,000	S	9,000
4-year college/university	3,000	4,000	3,000	4,000	1,000	6,000
Other educational institution	7,000	S	8,000	18,000	S	S
Government	7,000	13,000	S	9,000	S	48,000
Health	4,000	2,000	3,000	5,000	22,000	4,000
Business/industry	10,000	7,000	5,000	13,000	S	12,000
4-year college/university	2,000	3,000	2,000	3,000	S	5,000
Other educational institution	11,000	S	5,000	S	S	S
Government	7,000	13,000	S	7,000	S	48,000
Science/mathematics teacher education	2,000	S	3,000	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	2,000	S	4,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Technology/technical 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
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	1,000	2,000	3,000	24,000	1,000
Business/industry	5,000	10,000	S	3,000	S	5,000
4-year college/university	4,000	5,000	4,000	6,000	S	12,000
Other educational institution	6,000	S	5,000	20,000	S	2,000
Government	18,000	S	S	S	S	S
Arts/humanities	5,000	5,000	5,000	9,000	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	8,000	9,000	5,000	17,000	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	3,000	2,000	4,000	S	5,000
Business/industry	11,000	S	S	S	S	S
4-year college/university	3,000	6,000	2,000	5,000	S	S
Other educational institution	8,000	S	10,000	13,000	S	S
Government	S	S	S	S	S	S
Management/administration	3,000	8,000	4,000	S	S	S
Business/industry	S	S	S	S	S	S
4-year college/university	6,000	10,000	5,000	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

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: 2006
(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
Social services/related	9,000	5,000	9,000	4,000	S	2,000
Business/industry	3,000	S	S	S	S	S
4-year college/university	4,000	S	4,000	S	S	S
Other educational institution	S	S	S	S	S	S
Government	S	S	S	S	S	S
Other non-S&E fields	11,000	9,000	4,000	24,000	S	S
Business/industry	12,000	S	S	S	S	S
4-year college/university	5,000	S	4,000	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 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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational 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. Government includes federal, 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. Respondents may have provided multiple responses for work activity.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.

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	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
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	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
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

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	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
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

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	Sex		Race/ethnicity[a]					
		Male	Female	American Indian/Alaska Native	Asian	Black	Hispanic	White	Other
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.

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

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
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

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
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.

TABLE A-25. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	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 degrees and occupations[a]	500	1,000	1,000	500	500	1,000	2,000	1,000	500	500	1,000
S&E occupations	500	2,000	500	1,000	1,000	2,000	2,000	2,000	1,000	500	1,000
Scientists	500	1,000	500	2,000	1,000	1,000	1,000	2,000	1,000	2,000	1,000
Biological/agricultural/other life scientists	1,000	2,000	2,000	8,000	2,000	2,000	1,000	8,000	2,000	1,000	2,000
Agricultural/food scientists	5,000	4,000	5,000	S	S	2,000	2,000	S	7,000	4,000	9,000
Biological/medical scientists	1,000	1,000	3,000	15,000	3,000	500	500	S	1,000	3,000	2,000
Environmental life scientists	4,000	8,000	16,000	S	6,000	22,000	22,000	S	4,000	4,000	4,000
Postsecondary teachers-life/related sciences	1,000	S	S	S	S	1,000	1,000	8,000	S	S	S
Computer/mathematical scientists	500	500	500	8,000	1,000	2,000	1,000	2,000	2,000	3,000	1,000
Computer/information scientists	1,000	500	500	8,000	2,000	500	1,000	3,000	2,000	2,000	2,000
Mathematical scientists	3,000	5,000	5,000	4,000	17,000	8,000	11,000	S	5,000	3,000	3,000
Postsecondary teachers-computer/mathematical sciences	2,000	S	S	S	S	2,000	2,000	2,000	S	S	S
Physical/related scientists	1,000	4,000	2,000	13,000	7,000	1,000	1,000	6,000	2,000	4,000	4,000
Chemists, except biochemists	3,000	3,000	3,000	2,000	21,000	6,000	6,000	S	4,000	11,000	6,000
Earth/atmospheric/ocean scientists	2,000	4,000	4,000	13,000	6,000	8,000	8,000	S	3,000	2,000	7,000
Physicists/astronomers	8,000	1,000	4,000	S	4,000	4,000	4,000	S	3,000	3,000	8,000
Postsecondary teachers-physical/related sciences	2,000	S	S	S	S	2,000	3,000	7,000	S	S	S
Other physical/related scientists	3,000	7,000	8,000	S	S	6,000	6,000	S	4,000	4,000	5,000
Social/related scientists	1,000	2,000	5,000	6,000	3,000	2,000	1,000	2,000	3,000	4,000	5,000
Economists	6,000	14,000	14,000	43,000	11,000	7,000	8,000	S	6,000	7,000	7,000
Political/related scientists	7,000	6,000	S	S	8,000	1,000	1,000	S	25,000	11,000	S
Postsecondary teachers-social/related sciences	1,000	S	S	S	S	1,000	1,000	10,000	S	S	S
Psychologists	2,000	2,000	3,000	2,000	4,000	1,000	2,000	4,000	2,000	16,000	4,000
Sociologists/anthropologists	3,000	6,000	25,000	S	6,000	6,000	6,000	S	4,000	25,000	4,000
Other social/related scientists	3,000	5,000	6,000	37,000	2,000	1,000	18,000	S	5,000	1,000	6,000
Engineers	1,000	500	500	7,000	2,000	3,000	3,000	8,000	2,000	2,000	2,000
Aerospace/aeronautical/astronautical engineers	2,000	4,000	4,000	S	7,000	25,000	25,000	S	6,000	5,000	S
Chemical engineers	1,000	3,000	3,000	S	S	3,000	3,000	S	20,000	25,000	S
Civil/architectural/sanitary engineers	2,000	2,000	2,000	9,000	18,000	8,000	11,000	S	2,000	6,000	2,000
Electrical/computer hardware engineers	3,000	2,000	3,000	9,000	4,000	6,000	9,000	S	3,000	5,000	6,000
Industrial engineers	2,000	2,000	2,000	S	S	2,000	1,000	S	12,000	14,000	S
Mechanical engineers	1,000	1,000	1,000	11,000	10,000	9,000	12,000	S	5,000	5,000	8,000
Postsecondary teachers-engineering	5,000	S	S	S	S	4,000	2,000	3,000	S	S	S
Other engineers	2,000	2,000	1,000	16,000	5,000	3,000	3,000	S	3,000	4,000	1,000
S&E-related occupations	500	3,000	1,000	3,000	1,000	1,000	1,000	1,000	500	1,000	2,000
Health-related occupations	500	2,000	3,000	5,000	1,000	2,000	2,000	2,000	2,000	3,000	1,000

TABLE A-25. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
S&E managers	2,000	2,000	1,000	S	7,000	6,000	5,000	S	3,000	7,000	3,000
S&E precollege teachers	1,000	S	S	S	S	1,000	S	1,000	S	S	S
S&E technicians/technologists	2,000	1,000	500	9,000	6,000	2,000	2,000	S	2,000	7,000	2,000
Other S&E-related occupations	2,000	2,000	3,000	7,000	15,000	S	S	S	10,000	S	6,000
Non-S&E occupations	1,000	1,000	2,000	500	1,000	1,000	1,000	1,000	1,000	2,000	500
Art/humanities/related occupations	3,000	4,000	2,000	8,000	10,000	6,000	5,000	S	11,000	12,000	9,000
Management-related occupations	1,000	5,000	1,000	5,000	3,000	6,000	5,000	7,000	4,000	2,000	2,000
Non-S&E managers	3,000	3,000	2,000	9,000	6,000	2,000	7,000	2,000	4,000	6,000	3,000
Non-S&E postsecondary teachers	3,000	S	S	S	S	3,000	3,000	1,000	S	S	S
Non-S&E precollege/other teachers	1,000	4,000	7,000	S	7,000	1,000	S	1,000	S	S	S
Sales/marketing occupations	4,000	2,000	500	4,000	5,000	24,000	27,000	S	8,000	S	10,000
Social services/related occupations	2,000	500	2,000	3,000	2,000	1,000	3,000	3,000	1,000	3,000	1,000
Other non-S&E occupations	1,000	1,000	1,000	3,000	2,000	3,000	3,000	3,000	1,000	2,000	1,000
Bachelor's degrees, all occupations	500	2,000	1,000	500	2,000	1,000	1,000	1,000	1,000	1,000	1,000
S&E occupations	500	1,000	500	5,000	3,000	1,000	2,000	4,000	2,000	2,000	1,000
Scientists	1,000	1,000	500	6,000	5,000	3,000	2,000	3,000	2,000	2,000	2,000
Biological/agricultural/other life scientists	2,000	3,000	4,000	S	3,000	1,000	1,000	S	3,000	3,000	5,000
Agricultural/food scientists	3,000	7,000	9,000	S	S	3,000	3,000	S	7,000	4,000	S
Biological/medical scientists	2,000	2,000	5,000	S	2,000	1,000	1,000	S	2,000	3,000	6,000
Environmental life scientists	6,000	16,000	27,000	S	S	S	S	S	4,000	7,000	4,000
Postsecondary teachers-life/related sciences	2,000	S	S	S	S	2,000	3,000	S	S	S	S
Computer/mathematical scientists	1,000	1,000	1,000	7,000	2,000	2,000	1,000	4,000	2,000	1,000	2,000
Computer/information scientists	1,000	1,000	1,000	6,000	2,000	1,000	1,000	4,000	1,000	2,000	2,000
Mathematical scientists	8,000	15,000	12,000	S	S	4,000	S	S	12,000	2,000	S
Postsecondary teachers-computer/mathematical sciences	7,000	S	S	S	S	5,000	5,000	19,000	S	S	S
Physical/related scientists	3,000	1,000	1,000	18,000	S	2,000	1,000	S	4,000	4,000	2,000
Chemists, except biochemists	2,000	1,000	1,000	S	S	1,000	1,000	S	7,000	11,000	7,000
Earth/atmospheric/ocean scientists	1,000	3,000	3,000	S	S	16,000	16,000	S	6,000	7,000	5,000
Physicists/astronomers	2,000	S	S	S	S	2,000	2,000	S	S	S	S
Postsecondary teachers-physical/related sciences	2,000	S	S	S	S	2,000	2,000	S	S	S	S
Other physical/related scientists	4,000	11,000	5,000	S	S	S	S	S	4,000	S	3,000
Social/related scientists	2,000	3,000	9,000	S	2,000	1,000	3,000	19,000	7,000	15,000	4,000
Economists	7,000	12,000	S	S	S	S	S	S	S	S	S
Political/related scientists	4,000	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	1,000	S	S	S	S	1,000	1,000	S	S	S	S
Psychologists	4,000	11,000	S	S	S	3,000	3,000	S	S	S	S

TABLE A-25. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Sociologists/anthropologists	6,000	S	S	S	S	S	S	S	S	S	S
Other social/related scientists	3,000	5,000	5,000	S	S	S	S	S	6,000	S	6,000
Engineers	1,000	500	500	6,000	3,000	6,000	5,000	5,000	1,000	2,000	1,000
Aerospace/aeronautical/astronautical engineers	2,000	3,000	2,000	S	S	26,000	26,000	S	5,000	6,000	S
Chemical engineers	4,000	3,000	4,000	S	S	4,000	3,000	S	S	S	S
Civil/architectural/sanitary engineers	2,000	3,000	3,000	8,000	S	S	S	S	2,000	7,000	2,000
Electrical/computer hardware engineers	1,000	1,000	1,000	7,000	7,000	9,000	6,000	S	1,000	3,000	6,000
Industrial engineers	1,000	2,000	1,000	S	S	S	S	S	S	S	S
Mechanical engineers	500	500	500	11,000	S	21,000	23,000	S	2,000	4,000	8,000
Postsecondary teachers-engineering	14,000	S	S	S	S	16,000	25,000	S	S	S	S
Other engineers	2,000	2,000	2,000	16,000	1,000	6,000	5,000	S	5,000	4,000	6,000
S&E-related occupations	500	1,000	1,000	5,000	500	2,000	2,000	1,000	3,000	2,000	1,000
Health-related occupations	500	500	2,000	8,000	500	2,000	2,000	3,000	1,000	3,000	2,000
S&E managers	1,000	3,000	2,000	S	6,000	6,000	6,000	S	6,000	8,000	3,000
S&E precollege teachers	1,000	S	S	S	S	2,000	S	2,000	S	S	S
S&E technicians/technologists	1,000	3,000	2,000	8,000	8,000	3,000	4,000	S	3,000	6,000	3,000
Other S&E-related occupations	3,000	4,000	3,000	10,000	S	S	S	S	8,000	S	S
Non-S&E occupations	500	1,000	1,000	2,000	1,000	500	1,000	1,000	1,000	2,000	2,000
Art/humanities/related occupations	3,000	3,000	2,000	11,000	8,000	7,000	6,000	S	6,000	S	S
Management-related occupations	500	1,000	2,000	7,000	4,000	2,000	2,000	4,000	2,000	3,000	3,000
Non-S&E managers	500	5,000	5,000	19,000	8,000	4,000	7,000	2,000	5,000	15,000	6,000
Non-S&E postsecondary teachers	3,000	S	S	S	S	2,000	4,000	15,000	S	S	S
Non-S&E precollege/other teachers	1,000	3,000	S	S	S	1,000	S	1,000	S	S	S
Sales/marketing occupations	2,000	2,000	2,000	3,000	5,000	21,000	S	S	8,000	S	S
Social services/related occupations	1,000	1,000	3,000	S	1,000	500	1,000	1,000	1,000	S	1,000
Other non-S&E occupations	500	1,000	500	3,000	1,000	2,000	2,000	3,000	1,000	1,000	1,000
Master's degrees, all occupations	1,000	1,000	1,000	3,000	2,000	1,000	2,000	500	1,000	2,000	1,000
S&E occupations	1,000	500	1,000	7,000	1,000	1,000	2,000	1,000	2,000	3,000	2,000
Scientists	1,000	1,000	1,000	3,000	3,000	1,000	1,000	1,000	2,000	3,000	3,000
Biological/agricultural/other life scientists	1,000	4,000	2,000	S	10,000	2,000	1,000	8,000	2,000	3,000	1,000
Agricultural/food scientists	5,000	4,000	3,000	S	S	4,000	4,000	S	S	S	S
Biological/medical scientists	2,000	2,000	3,000	S	10,000	3,000	3,000	S	2,000	2,000	2,000
Environmental life scientists	3,000	S	S	S	S	S	S	S	3,000	S	S
Postsecondary teachers-life/related sciences	3,000	S	S	S	S	3,000	1,000	8,000	S	S	S
Computer/mathematical scientists	2,000	1,000	500	18,000	3,000	3,000	2,000	2,000	4,000	4,000	2,000
Computer/information scientists	1,000	2,000	1,000	19,000	3,000	2,000	2,000	6,000	4,000	1,000	2,000

TABLE A-25. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Mathematical scientists	6,000	5,000	6,000	S	S	11,000	3,000	S	3,000	2,000	S
Postsecondary teachers-computer/mathematical sciences	2,000	S	S	S	S	3,000	3,000	2,000	S	S	S
Physical/related scientists	2,000	2,000	1,000	S	S	5,000	3,000	11,000	5,000	1,000	4,000
Chemists, except biochemists	3,000	2,000	2,000	S	S	3,000	3,000	S	5,000	S	S
Earth/atmospheric/ocean scientists	5,000	6,000	7,000	S	S	7,000	9,000	S	5,000	1,000	4,000
Physicists/astronomers	13,000	13,000	S	S	S	500	500	S	S	S	S
Postsecondary teachers-physical/related sciences	3,000	S	S	S	S	3,000	7,000	12,000	S	S	S
Other physical/related scientists	10,000	7,000	11,000	S	S	S	S	S	8,000	S	S
Social/related scientists	2,000	3,000	15,000	4,000	3,000	2,000	2,000	1,000	6,000	3,000	4,000
Economists	12,000	26,000	26,000	S	S	S	S	S	13,000	9,000	S
Political/related scientists	8,000	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	5,000	S	S	S	S	4,000	5,000	9,000	S	S	S
Psychologists	1,000	9,000	5,000	5,000	6,000	1,000	3,000	2,000	6,000	S	5,000
Sociologists/anthropologists	3,000	14,000	S	S	S	9,000	2,000	S	S	S	S
Other social/related scientists	6,000	13,000	7,000	S	12,000	S	S	S	9,000	4,000	8,000
Engineers	1,000	1,000	1,000	11,000	14,000	12,000	4,000	S	2,000	2,000	1,000
Aerospace/aeronautical/astronautical engineers	3,000	3,000	3,000	S	S	14,000	14,000	S	8,000	8,000	S
Chemical engineers	1,000	1,000	1,000	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	3,000	3,000	S	S	S	S	S	2,000	10,000	2,000
Electrical/computer hardware engineers	2,000	2,000	3,000	S	S	4,000	2,000	S	6,000	6,000	S
Industrial engineers	3,000	3,000	3,000	S	S	S	S	S	S	S	S
Mechanical engineers	2,000	2,000	2,000	S	S	3,000	3,000	S	7,000	6,000	S
Postsecondary teachers-engineering	6,000	S	S	S	S	6,000	8,000	S	S	S	S
Other engineers	3,000	1,000	1,000	S	S	4,000	4,000	S	6,000	5,000	6,000
S&E-related occupations	1,000	1,000	2,000	9,000	3,000	500	4,000	500	3,000	1,000	2,000
Health-related occupations	3,000	500	3,000	11,000	2,000	1,000	3,000	2,000	2,000	2,000	3,000
S&E managers	2,000	2,000	4,000	S	8,000	4,000	3,000	S	9,000	7,000	4,000
S&E precollege teachers	500	S	S	S	S	500	S	500	S	S	S
S&E technicians/technologists	2,000	4,000	4,000	S	15,000	1,000	1,000	S	2,000	12,000	7,000
Other S&E-related occupations	4,000	4,000	5,000	8,000	S	S	S	S	S	S	S
Non-S&E occupations	1,000	2,000	3,000	2,000	2,000	1,000	1,000	1,000	2,000	6,000	2,000
Art/humanities/related occupations	4,000	3,000	5,000	5,000	29,000	12,000	S	S	8,000	S	S
Management-related occupations	3,000	3,000	3,000	5,000	9,000	3,000	5,000	6,000	4,000	7,000	3,000
Non-S&E managers	3,000	4,000	6,000	S	7,000	1,000	4,000	1,000	4,000	7,000	4,000
Non-S&E postsecondary teachers	1,000	S	S	S	S	1,000	6,000	3,000	S	S	S
Non-S&E precollege/other teachers	1,000	13,000	S	S	S	1,000	S	1,000	S	S	S
Sales/marketing occupations	3,000	3,000	3,000	8,000	S	S	S	S	S	S	S

TABLE A-25. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	Employed scientists and engineers	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Social services/related occupations	500	1,000	1,000	3,000	2,000	2,000	2,000	1,000	1,000	S	2,000
Other non-S&E occupations	2,000	2,000	3,000	2,000	3,000	1,000	2,000	4,000	3,000	5,000	6,000
Doctorate degrees, all occupations	2,000	1,000	500	2,000	2,000	2,000	1,000	2,000	2,000	2,000	3,000
S&E occupations	1,000	500	500	2,000	3,000	500	500	2,000	2,000	2,000	2,000
Scientists	1,000	2,000	1,000	2,000	1,000	1,000	1,000	2,000	2,000	2,000	2,000
Biological/agricultural/other life scientists	500	2,000	4,000	3,000	5,000	500	500	2,000	2,000	2,000	1,000
Agricultural/food scientists	2,000	3,000	5,000	S	S	4,000	4,000	S	4,000	5,000	S
Biological/medical scientists	3,000	2,000	2,000	2,000	5,000	1,000	1,000	S	4,000	3,000	2,000
Environmental life scientists	4,000	4,000	S	S	S	S	S	S	9,000	9,000	S
Postsecondary teachers-life/related sciences	1,000	S	S	S	S	1,000	1,000	2,000	S	S	S
Computer/mathematical scientists	1,000	500	500	3,000	6,000	2,000	1,000	9,000	1,000	3,000	7,000
Computer/information scientists	2,000	500	500	2,000	8,000	10,000	7,000	S	2,000	10,000	8,000
Mathematical scientists	4,000	500	2,000	17,000	5,000	7,000	7,000	S	8,000	6,000	S
Postsecondary teachers-computer/mathematical sciences	2,000	S	S	S	S	2,000	3,000	5,000	S	S	S
Physical/related scientists	500	2,000	2,000	9,000	5,000	2,000	1,000	2,000	3,000	2,000	8,000
Chemists, except biochemists	3,000	2,000	3,000	18,000	6,000	8,000	8,000	S	8,000	5,000	8,000
Earth/atmospheric/ocean scientists	2,000	5,000	5,000	S	7,000	5,000	5,000	S	6,000	4,000	8,000
Physicists/astronomers	3,000	5,000	3,000	S	3,000	6,000	5,000	S	5,000	6,000	6,000
Postsecondary teachers-physical/related sciences	1,000	S	S	S	S	1,000	1,000	2,000	S	S	S
Other physical/related scientists	7,000	1,000	3,000	S	S	S	S	S	13,000	S	S
Social/related scientists	2,000	2,000	5,000	2,000	1,000	1,000	1,000	3,000	1,000	2,000	2,000
Economists	3,000	7,000	10,000	S	5,000	5,000	5,000	S	4,000	3,000	S
Political/related scientists	5,000	S	S	S	S	3,000	4,000	S	S	S	S
Postsecondary teachers-social/related sciences	1,000	S	S	S	S	1,000	1,000	3,000	S	S	S
Psychologists	2,000	500	6,000	4,000	3,000	4,000	3,000	8,000	2,000	3,000	2,000
Sociologists/anthropologists	5,000	8,000	9,000	S	8,000	2,000	2,000	S	4,000	5,000	S
Other social/related scientists	1,000	4,000	13,000	6,000	7,000	3,000	6,000	S	4,000	10,000	2,000
Engineers	2,000	500	500	19,000	5,000	500	500	S	5,000	7,000	3,000
Aerospace/aeronautical/astronautical engineers	5,000	6,000	7,000	S	S	S	S	S	3,000	5,000	S
Chemical engineers	1,000	1,000	1,000	S	S	11,000	11,000	S	S	S	S
Civil/architectural/sanitary engineers	4,000	1,000	2,000	S	S	9,000	9,000	S	8,000	S	7,000
Electrical/computer hardware engineers	3,000	2,000	4,000	36,000	6,000	9,000	9,000	S	3,000	7,000	S
Industrial engineers	42,000	13,000	15,000	S	S	S	S	S	S	S	S
Mechanical engineers	2,000	1,000	2,000	S	S	12,000	11,000	S	S	S	S
Postsecondary teachers-engineering	2,000	S	S	S	S	2,000	2,000	S	S	S	S

TABLE A-25. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2006
(Dollars)

Level of highest degree and occupation	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 engineers	1,000	3,000	3,000	7,000	3,000	17,000	17,000	S	5,000	4,000	7,000
S&E-related occupations	3,000	4,000	4,000	7,000	14,000	2,000	3,000	7,000	5,000	5,000	7,000
Health-related occupations	3,000	9,000	8,000	10,000	13,000	2,000	3,000	8,000	8,000	7,000	42,000
S&E managers	5,000	6,000	3,000	S	19,000	8,000	6,000	S	8,000	3,000	3,000
S&E precollege teachers	8,000	S	S	S	S	8,000	S	8,000	S	S	S
S&E technicians/technologists	7,000	5,000	5,000	S	S	S	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S	S	S	S	S	S	S
Non-S&E occupations	3,000	8,000	4,000	4,000	5,000	3,000	2,000	7,000	10,000	11,000	13,000
Art/humanities/related occupations	9,000	13,000	7,000	14,000	4,000	14,000	14,000	S	S	S	S
Management-related occupations	6,000	2,000	8,000	14,000	1,000	7,000	6,000	S	21,000	26,000	60,000
Non-S&E managers	4,000	8,000	4,000	110,000	23,000	6,000	7,000	14,000	6,000	10,000	23,000
Non-S&E postsecondary teachers	3,000	S	S	S	S	3,000	3,000	16,000	S	S	S
Non-S&E precollege/other teachers	16,000	S	S	S	S	17,000	S	17,000	S	S	S
Sales/marketing occupations	10,000	11,000	11,000	7,000	S	S	S	S	S	S	S
Social services/related occupations	8,000	8,000	5,000	16,000	12,000	5,000	11,000	5,000	S	S	S
Other non-S&E occupations	4,000	5,000	7,000	6,000	4,000	31,000	27,000	S	14,000	4,000	18,000

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 and http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational 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): 2006.

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
All degrees and occupations[a]	500	1,000	2,000	1,000	500
U.S. citizen	500	1,000	1,000	1,000	500
Native born	500	1,000	1,000	1,000	500
Naturalized	1,000	1,000	1,000	2,000	2,000
Non-U.S. citizen	500	2,000	1,000	2,000	4,000
Permanent resident	500	2,000	3,000	5,000	5,000
Temporary resident	500	500	1,000	4,000	2,000
S&E occupations	500	2,000	2,000	2,000	1,000
U.S. citizen	500	500	1,000	2,000	1,000
Native born	1,000	1,000	1,000	3,000	1,000
Naturalized	2,000	1,000	1,000	2,000	500
Non-U.S. citizen	1,000	500	1,000	2,000	1,000
Permanent resident	500	500	2,000	6,000	4,000
Temporary resident	3,000	6,000	6,000	S	4,000
Scientists	500	1,000	1,000	2,000	1,000
U.S. citizen	1,000	1,000	1,000	2,000	1,000
Native born	2,000	500	1,000	1,000	1,000
Naturalized	500	500	3,000	2,000	5,000
Non-U.S. citizen	2,000	1,000	1,000	4,000	3,000
Permanent resident	500	3,000	4,000	6,000	5,000
Temporary resident	3,000	1,000	2,000	S	1,000
Biological/agricultural/other life scientists	1,000	2,000	1,000	8,000	2,000
U.S. citizen	2,000	2,000	2,000	8,000	2,000
Native born	2,000	3,000	1,000	7,000	2,000
Naturalized	4,000	4,000	1,000	16,000	3,000
Non-U.S. citizen	5,000	5,000	1,000	S	4,000
Permanent resident	7,000	7,000	5,000	S	7,000
Temporary resident	1,000	6,000	1,000	S	S
Agricultural/food scientists	5,000	4,000	2,000	S	7,000
U.S. citizen	4,000	5,000	2,000	S	7,000
Native born	4,000	7,000	2,000	S	7,000
Naturalized	8,000	8,000	S	S	S
Non-U.S. citizen	6,000	4,000	14,000	S	S
Permanent resident	6,000	12,000	14,000	S	S
Temporary resident	19,000	S	S	S	S
Biological/medical scientists	1,000	1,000	500	S	1,000
U.S. citizen	2,000	1,000	3,000	S	3,000
Native born	4,000	2,000	1,000	S	2,000
Naturalized	6,000	4,000	1,000	S	3,000
Non-U.S. citizen	5,000	6,000	2,000	S	7,000
Permanent resident	5,000	4,000	6,000	S	7,000
Temporary resident	1,000	7,000	1,000	S	S
Environmental life scientists	4,000	8,000	22,000	S	4,000
U.S. citizen	3,000	5,000	10,000	S	4,000
Native born	3,000	5,000	10,000	S	4,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-life/related sciences	1,000	S	1,000	8,000	S
U.S. citizen	2,000	S	1,000	8,000	S
Native born	2,000	S	2,000	7,000	S
Naturalized	12,000	S	5,000	S	S
Non-U.S. citizen	7,000	S	7,000	S	S
Permanent resident	5,000	S	6,000	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	500	500	1,000	2,000	2,000
U.S. citizen	500	500	1,000	2,000	2,000
Native born	1,000	1,000	500	3,000	2,000
Naturalized	1,000	2,000	3,000	1,000	2,000
Non-U.S. citizen	500	2,000	3,000	8,000	7,000
Permanent resident	1,000	2,000	5,000	S	9,000
Temporary resident	1,000	3,000	1,000	S	S
Computer/information scientists	1,000	500	1,000	3,000	2,000
U.S. citizen	500	500	1,000	3,000	2,000
Native born	500	1,000	1,000	3,000	2,000
Naturalized	500	2,000	3,000	S	3,000
Non-U.S. citizen	500	2,000	6,000	S	6,000
Permanent resident	2,000	2,000	8,000	S	10,000
Temporary resident	4,000	5,000	1,000	S	S
Mathematical scientists	3,000	5,000	11,000	S	5,000
U.S. citizen	3,000	10,000	11,000	S	6,000
Native born	7,000	7,000	12,000	S	6,000
Naturalized	2,000	3,000	6,000	S	8,000
Non-U.S. citizen	7,000	7,000	7,000	S	S
Permanent resident	9,000	13,000	13,000	S	S
Temporary resident	8,000	8,000	2,000	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	S	2,000	2,000	S
U.S. citizen	2,000	S	3,000	2,000	S
Native born	1,000	S	6,000	2,000	S
Naturalized	2,000	S	6,000	26,000	S
Non-U.S. citizen	5,000	S	2,000	S	S
Permanent resident	7,000	S	8,000	S	S
Temporary resident	14,000	S	9,000	S	S
Physical/related scientists	1,000	4,000	1,000	6,000	2,000
U.S. citizen	1,000	1,000	4,000	6,000	3,000
Native born	2,000	1,000	1,000	7,000	3,000
Naturalized	4,000	7,000	5,000	S	8,000
Non-U.S. citizen	4,000	2,000	3,000	S	4,000
Permanent resident	3,000	5,000	1,000	S	S
Temporary resident	5,000	4,000	4,000	S	S
Chemists, except biochemists	3,000	3,000	6,000	S	4,000
U.S. citizen	3,000	1,000	3,000	S	3,000
Native born	4,000	2,000	1,000	S	4,000
Naturalized	4,000	5,000	17,000	S	7,000
Non-U.S. citizen	4,000	7,000	1,000	S	S
Permanent resident	6,000	4,000	7,000	S	S
Temporary resident	5,000	20,000	2,000	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Earth/atmospheric/ocean scientists	2,000	4,000	8,000	S	3,000
U.S. citizen	2,000	4,000	8,000	S	3,000
Native born	2,000	4,000	15,000	S	3,000
Naturalized	10,000	8,000	67,000	S	26,000
Non-U.S. citizen	10,000	5,000	8,000	S	S
Permanent resident	16,000	7,000	15,000	S	S
Temporary resident	7,000	S	13,000	S	S
Physicists/astronomers	8,000	1,000	4,000	S	3,000
U.S. citizen	3,000	5,000	11,000	S	7,000
Native born	6,000	1,000	3,000	S	3,000
Naturalized	6,000	8,000	19,000	S	S
Non-U.S. citizen	5,000	9,000	7,000	S	S
Permanent resident	10,000	8,000	2,000	S	S
Temporary resident	8,000	S	4,000	S	S
Postsecondary teachers-physical/related sciences	2,000	S	3,000	7,000	S
U.S. citizen	3,000	S	3,000	7,000	S
Native born	2,000	S	2,000	8,000	S
Naturalized	1,000	S	7,000	S	S
Non-U.S. citizen	3,000	S	3,000	S	S
Permanent resident	5,000	S	5,000	S	S
Temporary resident	4,000	S	4,000	S	S
Other physical/related scientists	3,000	7,000	6,000	S	4,000
U.S. citizen	2,000	7,000	7,000	S	4,000
Native born	2,000	8,000	10,000	S	3,000
Naturalized	26,000	S	S	S	S
Non-U.S. citizen	9,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	1,000	2,000	1,000	2,000	3,000
U.S. citizen	1,000	3,000	2,000	2,000	4,000
Native born	1,000	3,000	1,000	2,000	3,000
Naturalized	3,000	8,000	3,000	7,000	13,000
Non-U.S. citizen	3,000	6,000	5,000	S	4,000
Permanent resident	1,000	1,000	13,000	S	S
Temporary resident	14,000	9,000	3,000	S	S
Economists	6,000	14,000	8,000	S	6,000
U.S. citizen	6,000	14,000	5,000	S	6,000
Native born	6,000	14,000	3,000	S	7,000
Naturalized	36,000	61,000	S	S	S
Non-U.S. citizen	26,000	43,000	S	S	S
Permanent resident	23,000	18,000	S	S	S
Temporary resident	41,000	37,000	S	S	S
Political/related scientists	7,000	6,000	1,000	S	25,000
U.S. citizen	8,000	7,000	17,000	S	25,000
Native born	6,000	7,000	7,000	S	25,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-social/related sciences	1,000	S	1,000	10,000	S
U.S. citizen	1,000	S	1,000	10,000	S
Native born	2,000	S	1,000	11,000	S
Naturalized	3,000	S	3,000	S	S
Non-U.S. citizen	4,000	S	4,000	S	S
Permanent resident	7,000	S	7,000	S	S
Temporary resident	4,000	S	4,000	S	S
Psychologists	2,000	2,000	2,000	4,000	2,000
U.S. citizen	2,000	2,000	3,000	3,000	2,000
Native born	2,000	4,000	3,000	1,000	3,000
Naturalized	3,000	6,000	24,000	9,000	S
Non-U.S. citizen	6,000	5,000	1,000	S	S
Permanent resident	3,000	6,000	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	3,000	6,000	6,000	S	4,000
U.S. citizen	2,000	6,000	5,000	S	9,000
Native born	3,000	6,000	5,000	S	3,000
Naturalized	19,000	S	S	S	S
Non-U.S. citizen	1,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	3,000	5,000	18,000	S	5,000
U.S. citizen	3,000	5,000	8,000	S	5,000
Native born	3,000	6,000	14,000	S	5,000
Naturalized	9,000	18,000	S	S	S
Non-U.S. citizen	18,000	15,000	S	S	S
Permanent resident	2,000	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	1,000	500	3,000	8,000	2,000
U.S. citizen	500	500	2,000	8,000	2,000
Native born	2,000	500	3,000	7,000	2,000
Naturalized	1,000	2,000	3,000	S	1,000
Non-U.S. citizen	6,000	2,000	4,000	S	6,000
Permanent resident	1,000	3,000	2,000	S	3,000
Temporary resident	3,000	1,000	2,000	S	S
Aerospace/aeronautical/astronautical engineers	2,000	4,000	25,000	S	6,000
U.S. citizen	2,000	3,000	40,000	S	6,000
Native born	2,000	3,000	37,000	S	9,000
Naturalized	6,000	6,000	S	S	14,000
Non-U.S. citizen	4,000	6,000	S	S	S
Permanent resident	18,000	S	S	S	S
Temporary resident	29,000	S	S	S	S
Chemical engineers	1,000	3,000	3,000	S	20,000
U.S. citizen	2,000	3,000	3,000	S	20,000
Native born	1,000	5,000	3,000	S	20,000
Naturalized	7,000	6,000	S	S	S
Non-U.S. citizen	7,000	6,000	5,000	S	S
Permanent resident	8,000	9,000	S	S	S
Temporary resident	10,000	6,000	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Civil/architectural/sanitary engineers	2,000	2,000	11,000	S	2,000
U.S. citizen	1,000	2,000	23,000	S	2,000
Native born	2,000	2,000	8,000	S	3,000
Naturalized	2,000	5,000	S	S	500
Non-U.S. citizen	4,000	5,000	S	S	5,000
Permanent resident	2,000	3,000	S	S	S
Temporary resident	1,000	2,000	S	S	S
Electrical/computer hardware engineers	3,000	2,000	9,000	S	3,000
U.S. citizen	1,000	2,000	10,000	S	2,000
Native born	1,000	1,000	7,000	S	4,000
Naturalized	1,000	1,000	18,000	S	6,000
Non-U.S. citizen	2,000	5,000	11,000	S	S
Permanent resident	3,000	3,000	S	S	S
Temporary resident	3,000	500	8,000	S	S
Industrial engineers	2,000	2,000	1,000	S	12,000
U.S. citizen	1,000	1,000	1,000	S	12,000
Native born	1,000	1,000	1,000	S	16,000
Naturalized	8,000	9,000	S	S	S
Non-U.S. citizen	5,000	5,000	S	S	S
Permanent resident	8,000	8,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Mechanical engineers	1,000	1,000	12,000	S	5,000
U.S. citizen	1,000	1,000	11,000	S	5,000
Native born	1,000	1,000	11,000	S	6,000
Naturalized	2,000	3,000	S	S	9,000
Non-U.S. citizen	3,000	4,000	12,000	S	S
Permanent resident	4,000	5,000	S	S	S
Temporary resident	3,000	2,000	500	S	S
Postsecondary teachers-engineering	5,000	S	2,000	3,000	S
U.S. citizen	4,000	S	2,000	3,000	S
Native born	5,000	S	2,000	2,000	S
Naturalized	5,000	S	4,000	S	S
Non-U.S. citizen	4,000	S	3,000	S	S
Permanent resident	3,000	S	3,000	S	S
Temporary resident	6,000	S	5,000	S	S
Other engineers	2,000	2,000	3,000	S	3,000
U.S. citizen	2,000	1,000	4,000	S	3,000
Native born	2,000	1,000	5,000	S	4,000
Naturalized	3,000	5,000	31,000	S	5,000
Non-U.S. citizen	4,000	5,000	8,000	S	S
Permanent resident	6,000	7,000	S	S	S
Temporary resident	13,000	3,000	5,000	S	S
S&E-related occupations	500	3,000	1,000	1,000	500
U.S. citizen	500	1,000	1,000	4,000	500
Native born	1,000	500	2,000	1,000	1,000
Naturalized	1,000	2,000	4,000	4,000	3,000
Non-U.S. citizen	6,000	3,000	7,000	8,000	6,000
Permanent resident	3,000	3,000	5,000	9,000	9,000
Temporary resident	5,000	9,000	4,000	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Health-related occupations	500	2,000	2,000	2,000	2,000
U.S. citizen	500	1,000	1,000	2,000	2,000
Native born	1,000	500	2,000	2,000	1,000
Naturalized	3,000	2,000	4,000	S	5,000
Non-U.S. citizen	2,000	5,000	3,000	S	43,000
Permanent resident	4,000	6,000	3,000	S	S
Temporary resident	10,000	14,000	3,000	S	S
S&E managers	2,000	2,000	5,000	S	3,000
U.S. citizen	2,000	1,000	6,000	S	3,000
Native born	3,000	2,000	6,000	S	4,000
Naturalized	2,000	6,000	S	S	10,000
Non-U.S. citizen	3,000	3,000	S	S	S
Permanent resident	1,000	4,000	S	S	S
Temporary resident	15,000	16,000	S	S	S
S&E precollege teachers	1,000	S	S	1,000	S
U.S. citizen	1,000	S	S	1,000	S
Native born	1,000	S	S	1,000	S
Naturalized	4,000	S	S	4,000	S
Non-U.S. citizen	4,000	S	S	4,000	S
Permanent resident	9,000	S	S	9,000	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	2,000	1,000	2,000	S	2,000
U.S. citizen	1,000	1,000	3,000	S	2,000
Native born	1,000	2,000	3,000	S	3,000
Naturalized	4,000	1,000	7,000	S	9,000
Non-U.S. citizen	5,000	4,000	6,000	S	S
Permanent resident	8,000	9,000	S	S	S
Temporary resident	8,000	4,000	S	S	S
Other S&E-related occupations	2,000	2,000	S	S	10,000
U.S. citizen	2,000	2,000	S	S	12,000
Native born	2,000	2,000	S	S	16,000
Naturalized	4,000	5,000	S	S	S
Non-U.S. citizen	4,000	4,000	S	S	S
Permanent resident	4,000	5,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	1,000	1,000	1,000	1,000	1,000
U.S. citizen	1,000	1,000	4,000	1,000	1,000
Native born	1,000	1,000	4,000	1,000	1,000
Naturalized	1,000	5,000	2,000	2,000	3,000
Non-U.S. citizen	3,000	4,000	5,000	3,000	3,000
Permanent resident	4,000	4,000	6,000	8,000	3,000
Temporary resident	5,000	7,000	6,000	S	S
Art/humanities/related occupations	3,000	4,000	5,000	S	11,000
U.S. citizen	3,000	5,000	5,000	S	12,000
Native born	3,000	5,000	5,000	S	13,000
Naturalized	12,000	12,000	S	S	S
Non-U.S. citizen	11,000	10,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Management-related occupations	1,000	5,000	5,000	7,000	4,000
U.S. citizen	1,000	2,000	4,000	7,000	2,000
Native born	2,000	1,000	2,000	9,000	2,000
Naturalized	2,000	2,000	2,000	S	11,000
Non-U.S. citizen	3,000	5,000	S	S	S
Permanent resident	6,000	10,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Non-S&E managers	3,000	3,000	7,000	2,000	4,000
U.S. citizen	2,000	3,000	8,000	2,000	4,000
Native born	1,000	3,000	8,000	2,000	5,000
Naturalized	9,000	5,000	34,000	S	25,000
Non-U.S. citizen	14,000	15,000	S	S	S
Permanent resident	15,000	14,000	S	S	S
Temporary resident	7,000	S	S	S	S
Non-S&E postsecondary teachers	3,000	S	3,000	1,000	S
U.S. citizen	3,000	S	2,000	1,000	S
Native born	3,000	S	3,000	1,000	S
Naturalized	1,000	S	14,000	11,000	S
Non-U.S. citizen	13,000	S	13,000	S	S
Permanent resident	3,000	S	3,000	S	S
Temporary resident	9,000	S	9,000	S	S
Non-S&E precollege/other teachers	1,000	4,000	S	1,000	S
U.S. citizen	1,000	3,000	S	1,000	S
Native born	1,000	4,000	S	2,000	S
Naturalized	3,000	S	S	4,000	S
Non-U.S. citizen	9,000	S	S	5,000	S
Permanent resident	12,000	S	S	10,000	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	4,000	2,000	27,000	S	8,000
U.S. citizen	2,000	2,000	26,000	S	8,000
Native born	3,000	2,000	31,000	S	10,000
Naturalized	3,000	3,000	S	S	S
Non-U.S. citizen	5,000	5,000	S	S	S
Permanent resident	10,000	10,000	S	S	S
Temporary resident	8,000	9,000	S	S	S
Social services/related occupations	2,000	500	3,000	3,000	1,000
U.S. citizen	2,000	1,000	4,000	3,000	1,000
Native born	1,000	1,000	4,000	3,000	1,000
Naturalized	1,000	2,000	S	6,000	5,000
Non-U.S. citizen	1,000	2,000	S	S	S
Permanent resident	2,000	3,000	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	1,000	1,000	3,000	3,000	1,000
U.S. citizen	1,000	1,000	2,000	3,000	1,000
Native born	1,000	500	2,000	3,000	1,000
Naturalized	2,000	1,000	4,000	13,000	4,000
Non-U.S. citizen	1,000	1,000	1,000	S	4,000
Permanent resident	1,000	3,000	S	S	4,000
Temporary resident	3,000	8,000	13,000	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Bachelor's degrees, all occupations	500	2,000	1,000	1,000	1,000
U.S. citizen	500	1,000	1,000	1,000	1,000
Native born	1,000	1,000	1,000	1,000	1,000
Naturalized	2,000	500	4,000	2,000	2,000
Non-U.S. citizen	2,000	3,000	3,000	4,000	4,000
Permanent resident	4,000	5,000	2,000	11,000	4,000
Temporary resident	1,000	3,000	2,000	S	S
S&E occupations	500	1,000	2,000	4,000	2,000
U.S. citizen	500	1,000	2,000	4,000	2,000
Native born	500	1,000	2,000	2,000	1,000
Naturalized	500	1,000	6,000	S	1,000
Non-U.S. citizen	1,000	2,000	2,000	S	4,000
Permanent resident	2,000	2,000	6,000	S	5,000
Temporary resident	4,000	4,000	5,000	S	S
Scientists	1,000	1,000	2,000	3,000	2,000
U.S. citizen	500	1,000	3,000	3,000	2,000
Native born	500	1,000	2,000	2,000	2,000
Naturalized	2,000	4,000	4,000	S	2,000
Non-U.S. citizen	3,000	2,000	3,000	S	S
Permanent resident	1,000	3,000	7,000	S	S
Temporary resident	14,000	1,000	4,000	S	S
Biological/agricultural/other life scientists	2,000	3,000	1,000	S	3,000
U.S. citizen	4,000	2,000	1,000	S	3,000
Native born	3,000	3,000	1,000	S	3,000
Naturalized	5,000	4,000	S	S	S
Non-U.S. citizen	7,000	S	S	S	S
Permanent resident	4,000	S	S	S	S
Temporary resident	S	S	S	S	S
Agricultural/food scientists	3,000	7,000	3,000	S	7,000
U.S. citizen	4,000	8,000	9,000	S	7,000
Native born	3,000	6,000	9,000	S	7,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Biological/medical scientists	2,000	2,000	1,000	S	2,000
U.S. citizen	3,000	2,000	1,000	S	2,000
Native born	3,000	3,000	2,000	S	1,000
Naturalized	3,000	5,000	S	S	S
Non-U.S. citizen	11,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Environmental life scientists	6,000	16,000	S	S	4,000
U.S. citizen	7,000	14,000	S	S	4,000
Native born	7,000	14,000	S	S	4,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-life/related sciences	2,000	S	3,000	S	S
U.S. citizen	2,000	S	3,000	S	S
Native born	2,000	S	6,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	1,000	1,000	1,000	4,000	2,000
U.S. citizen	1,000	500	1,000	3,000	1,000
Native born	1,000	500	2,000	3,000	1,000
Naturalized	3,000	2,000	11,000	S	4,000
Non-U.S. citizen	4,000	3,000	23,000	S	S
Permanent resident	3,000	3,000	S	S	S
Temporary resident	1,000	1,000	S	S	S
Computer/information scientists	1,000	1,000	1,000	4,000	1,000
U.S. citizen	500	500	1,000	4,000	2,000
Native born	1,000	500	1,000	3,000	1,000
Naturalized	3,000	2,000	S	S	4,000
Non-U.S. citizen	4,000	3,000	S	S	S
Permanent resident	3,000	3,000	S	S	S
Temporary resident	1,000	1,000	S	S	S
Mathematical scientists	8,000	15,000	S	S	12,000
U.S. citizen	6,000	12,000	S	S	12,000
Native born	5,000	10,000	S	S	12,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	7,000	S	5,000	19,000	S
U.S. citizen	5,000	S	6,000	19,000	S
Native born	8,000	S	5,000	20,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Physical/related scientists	3,000	1,000	1,000	S	4,000
U.S. citizen	3,000	1,000	1,000	S	4,000
Native born	3,000	1,000	1,000	S	4,000
Naturalized	6,000	8,000	S	S	S
Non-U.S. citizen	16,000	S	4,000	S	S
Permanent resident	12,000	S	S	S	S
Temporary resident	S	S	S	S	S
Chemists, except biochemists	2,000	1,000	1,000	S	7,000
U.S. citizen	2,000	1,000	1,000	S	7,000
Native born	1,000	2,000	500	S	9,000
Naturalized	6,000	10,000	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Earth/atmospheric/ocean scientists	1,000	3,000	16,000	S	6,000
U.S. citizen	1,000	3,000	16,000	S	6,000
Native born	1,000	2,000	13,000	S	6,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Physicists/astronomers	2,000	S	2,000	S	S
U.S. citizen	4,000	S	1,000	S	S
Native born	4,000	S	1,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-physical/related sciences	2,000	S	2,000	S	S
U.S. citizen	3,000	S	2,000	S	S
Native born	3,000	S	2,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other physical/related scientists	4,000	11,000	S	S	4,000
U.S. citizen	4,000	9,000	S	S	4,000
Native born	5,000	9,000	S	S	5,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	2,000	3,000	3,000	19,000	7,000
U.S. citizen	2,000	6,000	3,000	S	7,000
Native born	3,000	4,000	2,000	S	7,000
Naturalized	5,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Economists	7,000	12,000	S	S	S
U.S. citizen	11,000	25,000	S	S	S
Native born	9,000	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Political/related scientists	4,000	S	S	S	S
U.S. citizen	4,000	S	S	S	S
Native born	5,000	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-social/related sciences	1,000	S	1,000	S	S
U.S. citizen	1,000	S	500	S	S
Native born	1,000	S	1,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Psychologists	4,000	11,000	3,000	S	S
U.S. citizen	5,000	S	5,000	S	S
Native born	5,000	S	7,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	6,000	S	S	S	S
U.S. citizen	9,000	S	S	S	S
Native born	9,000	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	3,000	5,000	S	S	6,000
U.S. citizen	2,000	5,000	S	S	6,000
Native born	2,000	7,000	S	S	5,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	1,000	500	5,000	5,000	1,000
U.S. citizen	1,000	500	5,000	5,000	1,000
Native born	500	500	5,000	S	3,000
Naturalized	2,000	2,000	5,000	S	1,000
Non-U.S. citizen	2,000	2,000	14,000	S	S
Permanent resident	5,000	6,000	S	S	S
Temporary resident	2,000	2,000	S	S	S
Aerospace/aeronautical/astronautical engineers	2,000	3,000	26,000	S	5,000
U.S. citizen	2,000	3,000	27,000	S	5,000
Native born	3,000	3,000	11,000	S	7,000
Naturalized	9,000	8,000	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Chemical engineers	4,000	3,000	3,000	S	S
U.S. citizen	3,000	4,000	4,000	S	S
Native born	4,000	4,000	3,000	S	S
Naturalized	8,000	8,000	S	S	S
Non-U.S. citizen	5,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Civil/architectural/sanitary engineers	2,000	3,000	S	S	2,000
U.S. citizen	2,000	3,000	S	S	2,000
Native born	2,000	2,000	S	S	2,000
Naturalized	2,000	4,000	S	S	2,000
Non-U.S. citizen	4,000	6,000	S	S	S
Permanent resident	5,000	7,000	S	S	S
Temporary resident	S	S	S	S	S
Electrical/computer hardware engineers	1,000	1,000	6,000	S	1,000
U.S. citizen	500	500	11,000	S	1,000
Native born	1,000	1,000	9,000	S	2,000
Naturalized	4,000	4,000	S	S	5,000
Non-U.S. citizen	5,000	6,000	S	S	S
Permanent resident	8,000	9,000	S	S	S
Temporary resident	S	S	S	S	S
Industrial engineers	1,000	2,000	S	S	S
U.S. citizen	2,000	2,000	S	S	S
Native born	3,000	3,000	S	S	S
Naturalized	14,000	17,000	S	S	S
Non-U.S. citizen	7,000	8,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Mechanical engineers	500	500	23,000	S	2,000
U.S. citizen	500	1,000	22,000	S	2,000
Native born	1,000	1,000	19,000	S	3,000
Naturalized	1,000	1,000	S	S	S
Non-U.S. citizen	8,000	8,000	S	S	S
Permanent resident	4,000	3,000	S	S	S
Temporary resident	S	S	S	S	S
Postsecondary teachers-engineering	14,000	S	25,000	S	S
U.S. citizen	13,000	S	25,000	S	S
Native born	10,000	S	33,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other engineers	2,000	2,000	5,000	S	5,000
U.S. citizen	3,000	1,000	6,000	S	4,000
Native born	3,000	1,000	6,000	S	3,000
Naturalized	4,000	3,000	S	S	S
Non-U.S. citizen	11,000	9,000	S	S	S
Permanent resident	16,000	14,000	S	S	S
Temporary resident	S	S	S	S	S
S&E-related occupations	500	1,000	2,000	1,000	3,000
U.S. citizen	500	1,000	2,000	1,000	2,000
Native born	500	1,000	1,000	1,000	1,000
Naturalized	500	2,000	3,000	2,000	3,000
Non-U.S. citizen	3,000	5,000	12,000	8,000	S
Permanent resident	1,000	4,000	S	12,000	S
Temporary resident	15,000	24,000	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Health-related occupations	500	500	2,000	3,000	1,000
U.S. citizen	500	500	1,000	2,000	1,000
Native born	1,000	1,000	2,000	4,000	1,000
Naturalized	4,000	4,000	3,000	S	3,000
Non-U.S. citizen	2,000	3,000	S	S	S
Permanent resident	4,000	4,000	S	S	S
Temporary resident	S	S	S	S	S
S&E managers	1,000	3,000	6,000	S	6,000
U.S. citizen	1,000	3,000	6,000	S	6,000
Native born	1,000	3,000	9,000	S	6,000
Naturalized	8,000	3,000	S	S	S
Non-U.S. citizen	22,000	23,000	S	S	S
Permanent resident	24,000	26,000	S	S	S
Temporary resident	S	S	S	S	S
S&E precollege teachers	1,000	S	S	2,000	S
U.S. citizen	1,000	S	S	2,000	S
Native born	1,000	S	S	1,000	S
Naturalized	1,000	S	S	1,000	S
Non-U.S. citizen	12,000	S	S	12,000	S
Permanent resident	10,000	S	S	10,000	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	1,000	3,000	4,000	S	3,000
U.S. citizen	1,000	3,000	4,000	S	3,000
Native born	1,000	3,000	4,000	S	4,000
Naturalized	5,000	5,000	S	S	S
Non-U.S. citizen	11,000	10,000	S	S	S
Permanent resident	12,000	16,000	S	S	S
Temporary resident	S	S	S	S	S
Other S&E-related occupations	3,000	4,000	S	S	8,000
U.S. citizen	3,000	3,000	S	S	13,000
Native born	4,000	4,000	S	S	S
Naturalized	6,000	5,000	S	S	S
Non-U.S. citizen	13,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	500	1,000	1,000	1,000	1,000
U.S. citizen	500	3,000	1,000	1,000	1,000
Native born	500	1,000	1,000	2,000	1,000
Naturalized	3,000	2,000	10,000	2,000	2,000
Non-U.S. citizen	2,000	2,000	2,000	9,000	3,000
Permanent resident	4,000	2,000	S	10,000	3,000
Temporary resident	3,000	9,000	S	S	S
Art/humanities/related occupations	3,000	3,000	6,000	S	6,000
U.S. citizen	3,000	3,000	6,000	S	6,000
Native born	3,000	3,000	7,000	S	6,000
Naturalized	25,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Management-related occupations	500	1,000	2,000	4,000	2,000
U.S. citizen	500	1,000	2,000	4,000	2,000
Native born	500	3,000	3,000	4,000	3,000
Naturalized	3,000	3,000	S	S	S
Non-U.S. citizen	11,000	12,000	S	S	S
Permanent resident	18,000	14,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E managers	500	5,000	7,000	2,000	5,000
U.S. citizen	1,000	3,000	7,000	2,000	5,000
Native born	2,000	3,000	S	3,000	5,000
Naturalized	5,000	8,000	S	S	S
Non-U.S. citizen	19,000	19,000	S	S	S
Permanent resident	19,000	19,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E postsecondary teachers	3,000	S	4,000	15,000	S
U.S. citizen	3,000	S	4,000	15,000	S
Native born	2,000	S	4,000	5,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E precollege/other teachers	1,000	3,000	S	1,000	S
U.S. citizen	1,000	5,000	S	1,000	S
Native born	2,000	9,000	S	1,000	S
Naturalized	2,000	S	S	2,000	S
Non-U.S. citizen	13,000	S	S	7,000	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	2,000	2,000	S	S	8,000
U.S. citizen	2,000	2,000	S	S	8,000
Native born	2,000	2,000	S	S	9,000
Naturalized	9,000	9,000	S	S	S
Non-U.S. citizen	16,000	16,000	S	S	S
Permanent resident	18,000	18,000	S	S	S
Temporary resident	S	S	S	S	S
Social services/related occupations	1,000	1,000	1,000	1,000	1,000
U.S. citizen	1,000	1,000	1,000	1,000	1,000
Native born	1,000	1,000	1,000	2,000	1,000
Naturalized	1,000	5,000	S	S	S
Non-U.S. citizen	1,000	S	S	S	S
Permanent resident	1,000	S	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	500	1,000	2,000	3,000	1,000
U.S. citizen	500	1,000	2,000	3,000	1,000
Native born	500	1,000	3,000	3,000	3,000
Naturalized	1,000	1,000	S	S	1,000
Non-U.S. citizen	1,000	3,000	S	S	S
Permanent resident	2,000	3,000	S	S	S
Temporary resident	3,000	10,000	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Master's degrees, all occupations	1,000	1,000	2,000	500	1,000
U.S. citizen	1,000	1,000	1,000	500	1,000
Native born	1,000	500	1,000	500	1,000
Naturalized	500	2,000	5,000	3,000	4,000
Non-U.S. citizen	4,000	2,000	1,000	3,000	4,000
Permanent resident	3,000	2,000	4,000	6,000	7,000
Temporary resident	1,000	500	500	S	5,000
S&E occupations	1,000	500	2,000	1,000	2,000
U.S. citizen	1,000	1,000	1,000	1,000	2,000
Native born	3,000	1,000	1,000	1,000	3,000
Naturalized	1,000	1,000	5,000	12,000	3,000
Non-U.S. citizen	2,000	1,000	3,000	S	3,000
Permanent resident	2,000	2,000	6,000	S	8,000
Temporary resident	2,000	4,000	500	S	S
Scientists	1,000	1,000	1,000	1,000	2,000
U.S. citizen	1,000	1,000	1,000	1,000	2,000
Native born	1,000	1,000	1,000	1,000	3,000
Naturalized	1,000	3,000	5,000	10,000	7,000
Non-U.S. citizen	1,000	500	3,000	S	4,000
Permanent resident	2,000	3,000	7,000	S	7,000
Temporary resident	2,000	3,000	5,000	S	S
Biological/agricultural/other life scientists	1,000	4,000	1,000	8,000	2,000
U.S. citizen	3,000	2,000	2,000	8,000	2,000
Native born	2,000	4,000	2,000	7,000	2,000
Naturalized	5,000	3,000	5,000	S	S
Non-U.S. citizen	7,000	11,000	2,000	S	S
Permanent resident	3,000	S	S	S	S
Temporary resident	5,000	S	5,000	S	S
Agricultural/food scientists	5,000	4,000	4,000	S	S
U.S. citizen	4,000	3,000	3,000	S	S
Native born	5,000	5,000	3,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Biological/medical scientists	2,000	2,000	3,000	S	2,000
U.S. citizen	2,000	2,000	2,000	S	2,000
Native born	4,000	4,000	2,000	S	2,000
Naturalized	7,000	5,000	S	S	S
Non-U.S. citizen	4,000	S	500	S	S
Permanent resident	6,000	S	S	S	S
Temporary resident	6,000	S	5,000	S	S
Environmental life scientists	3,000	S	S	S	3,000
U.S. citizen	2,000	S	S	S	3,000
Native born	2,000	S	S	S	3,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-life/related sciences	3,000	S	1,000	8,000	S
U.S. citizen	3,000	S	1,000	8,000	S
Native born	3,000	S	1,000	7,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	2,000	1,000	2,000	2,000	4,000
U.S. citizen	1,000	500	3,000	2,000	5,000
Native born	2,000	500	2,000	2,000	5,000
Naturalized	3,000	500	7,000	20,000	6,000
Non-U.S. citizen	3,000	1,000	6,000	S	S
Permanent resident	1,000	3,000	4,000	S	S
Temporary resident	500	3,000	5,000	S	S
Computer/information scientists	1,000	2,000	2,000	6,000	4,000
U.S. citizen	1,000	500	4,000	7,000	4,000
Native born	2,000	500	3,000	4,000	4,000
Naturalized	500	500	8,000	S	6,000
Non-U.S. citizen	1,000	1,000	7,000	S	S
Permanent resident	2,000	3,000	12,000	S	S
Temporary resident	500	3,000	6,000	S	S
Mathematical scientists	6,000	5,000	3,000	S	3,000
U.S. citizen	6,000	5,000	9,000	S	2,000
Native born	3,000	7,000	7,000	S	2,000
Naturalized	4,000	S	S	S	S
Non-U.S. citizen	11,000	20,000	S	S	S
Permanent resident	32,000	S	S	S	S
Temporary resident	8,000	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	S	3,000	2,000	S
U.S. citizen	2,000	S	3,000	2,000	S
Native born	3,000	S	3,000	2,000	S
Naturalized	8,000	S	S	15,000	S
Non-U.S. citizen	15,000	S	8,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	2,000	S	2,000	S	S
Physical/related scientists	2,000	2,000	3,000	11,000	5,000
U.S. citizen	3,000	2,000	5,000	11,000	5,000
Native born	3,000	2,000	5,000	12,000	5,000
Naturalized	5,000	7,000	S	S	S
Non-U.S. citizen	6,000	5,000	3,000	S	S
Permanent resident	7,000	S	S	S	S
Temporary resident	2,000	S	500	S	S
Chemists, except biochemists	3,000	2,000	3,000	S	5,000
U.S. citizen	1,000	1,000	S	S	5,000
Native born	2,000	7,000	S	S	S
Naturalized	7,000	9,000	S	S	S
Non-U.S. citizen	2,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Earth/atmospheric/ocean scientists	5,000	6,000	9,000	S	5,000
U.S. citizen	6,000	7,000	7,000	S	5,000
Native born	5,000	7,000	9,000	S	6,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	6,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Physicists/astronomers	13,000	13,000	500	S	S
U.S. citizen	6,000	30,000	1,000	S	S
Native born	20,000	S	1,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	3,000	S	500	S	S
Permanent resident	S	S	S	S	S
Temporary resident	2,000	S	500	S	S
Postsecondary teachers-physical/related sciences	3,000	S	7,000	12,000	S
U.S. citizen	5,000	S	4,000	12,000	S
Native born	5,000	S	4,000	12,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other physical/related scientists	10,000	7,000	S	S	8,000
U.S. citizen	8,000	7,000	S	S	8,000
Native born	6,000	10,000	S	S	9,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	2,000	3,000	2,000	1,000	6,000
U.S. citizen	2,000	3,000	3,000	1,000	6,000
Native born	2,000	3,000	3,000	2,000	6,000
Naturalized	3,000	8,000	S	S	S
Non-U.S. citizen	12,000	7,000	500	S	S
Permanent resident	9,000	S	S	S	S
Temporary resident	3,000	S	1,000	S	S
Economists	12,000	26,000	S	S	13,000
U.S. citizen	11,000	30,000	S	S	12,000
Native born	11,000	31,000	S	S	12,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	11,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Political/related scientists	8,000	S	S	S	S
U.S. citizen	8,000	S	S	S	S
Native born	8,000	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-social/related sciences	5,000	S	5,000	9,000	S
U.S. citizen	10,000	S	6,000	9,000	S
Native born	10,000	S	4,000	9,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	2,000	S	3,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	3,000	S	3,000	S	S
Psychologists	1,000	9,000	3,000	2,000	6,000
U.S. citizen	1,000	6,000	3,000	3,000	6,000
Native born	1,000	4,000	3,000	2,000	5,000
Naturalized	5,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	3,000	14,000	2,000	S	S
U.S. citizen	3,000	14,000	1,000	S	S
Native born	3,000	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	6,000	13,000	S	S	9,000
U.S. citizen	8,000	15,000	S	S	9,000
Native born	8,000	15,000	S	S	9,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	1,000	1,000	4,000	S	2,000
U.S. citizen	1,000	500	4,000	S	2,000
Native born	2,000	1,000	4,000	S	3,000
Naturalized	1,000	1,000	S	S	2,000
Non-U.S. citizen	1,000	2,000	500	S	S
Permanent resident	3,000	3,000	S	S	S
Temporary resident	4,000	1,000	500	S	S
Aerospace/aeronautical/astronautical engineers	3,000	3,000	14,000	S	8,000
U.S. citizen	3,000	3,000	S	S	8,000
Native born	4,000	4,000	S	S	7,000
Naturalized	3,000	5,000	S	S	S
Non-U.S. citizen	8,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Chemical engineers	1,000	1,000	S	S	S
U.S. citizen	1,000	1,000	S	S	S
Native born	3,000	3,000	S	S	S
Naturalized	2,000	2,000	S	S	S
Non-U.S. citizen	11,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Civil/architectural/sanitary engineers	2,000	3,000	S	S	2,000
U.S. citizen	1,000	3,000	S	S	1,000
Native born	1,000	3,000	S	S	3,000
Naturalized	2,000	7,000	S	S	4,000
Non-U.S. citizen	2,000	2,000	S	S	S
Permanent resident	5,000	7,000	S	S	S
Temporary resident	5,000	2,000	S	S	S
Electrical/computer hardware engineers	2,000	2,000	2,000	S	6,000
U.S. citizen	1,000	2,000	9,000	S	6,000
Native born	2,000	2,000	43,000	S	6,000
Naturalized	2,000	2,000	S	S	S
Non-U.S. citizen	2,000	3,000	S	S	S
Permanent resident	5,000	5,000	S	S	S
Temporary resident	3,000	1,000	S	S	S
Industrial engineers	3,000	3,000	S	S	S
U.S. citizen	2,000	2,000	S	S	S
Native born	2,000	2,000	S	S	S
Naturalized	8,000	S	S	S	S
Non-U.S. citizen	3,000	4,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	5,000	S	S	S	S
Mechanical engineers	2,000	2,000	3,000	S	7,000
U.S. citizen	2,000	2,000	10,000	S	7,000
Native born	3,000	3,000	10,000	S	9,000
Naturalized	4,000	3,000	S	S	S
Non-U.S. citizen	4,000	1,000	S	S	S
Permanent resident	4,000	4,000	S	S	S
Temporary resident	2,000	1,000	S	S	S
Postsecondary teachers-engineering	6,000	S	8,000	S	S
U.S. citizen	2,000	S	2,000	S	S
Native born	2,000	S	2,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other engineers	3,000	1,000	4,000	S	6,000
U.S. citizen	3,000	1,000	6,000	S	6,000
Native born	2,000	3,000	9,000	S	8,000
Naturalized	5,000	5,000	S	S	S
Non-U.S. citizen	3,000	5,000	1,000	S	S
Permanent resident	8,000	7,000	S	S	S
Temporary resident	10,000	5,000	1,000	S	S
S&E-related occupations	1,000	1,000	4,000	500	3,000
U.S. citizen	1,000	2,000	4,000	500	4,000
Native born	3,000	2,000	4,000	500	6,000
Naturalized	3,000	3,000	9,000	4,000	4,000
Non-U.S. citizen	2,000	4,000	2,000	4,000	S
Permanent resident	3,000	6,000	S	S	S
Temporary resident	5,000	3,000	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Health-related occupations	3,000	500	3,000	2,000	2,000
U.S. citizen	2,000	500	3,000	2,000	2,000
Native born	2,000	500	3,000	2,000	2,000
Naturalized	3,000	4,000	10,000	S	4,000
Non-U.S. citizen	8,000	9,000	S	S	S
Permanent resident	3,000	7,000	S	S	S
Temporary resident	S	S	S	S	S
S&E managers	2,000	2,000	3,000	S	9,000
U.S. citizen	2,000	3,000	3,000	S	8,000
Native born	3,000	3,000	3,000	S	9,000
Naturalized	4,000	9,000	S	S	S
Non-U.S. citizen	2,000	1,000	S	S	S
Permanent resident	1,000	1,000	S	S	S
Temporary resident	S	S	S	S	S
S&E precollege teachers	500	S	S	500	S
U.S. citizen	500	S	S	500	S
Native born	500	S	S	500	S
Naturalized	4,000	S	S	4,000	S
Non-U.S. citizen	4,000	S	S	4,000	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	2,000	4,000	1,000	S	2,000
U.S. citizen	3,000	5,000	1,000	S	3,000
Native born	3,000	5,000	6,000	S	2,000
Naturalized	12,000	9,000	S	S	S
Non-U.S. citizen	6,000	4,000	S	S	S
Permanent resident	7,000	S	S	S	S
Temporary resident	15,000	S	S	S	S
Other S&E-related occupations	4,000	4,000	S	S	S
U.S. citizen	4,000	3,000	S	S	S
Native born	4,000	5,000	S	S	S
Naturalized	7,000	5,000	S	S	S
Non-U.S. citizen	6,000	7,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	1,000	2,000	1,000	1,000	2,000
U.S. citizen	1,000	2,000	2,000	1,000	2,000
Native born	1,000	4,000	2,000	1,000	1,000
Naturalized	3,000	3,000	4,000	2,000	3,000
Non-U.S. citizen	3,000	7,000	7,000	15,000	S
Permanent resident	3,000	5,000	S	21,000	S
Temporary resident	6,000	4,000	2,000	S	S
Art/humanities/related occupations	4,000	3,000	S	S	8,000
U.S. citizen	4,000	3,000	S	S	8,000
Native born	3,000	3,000	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Management-related occupations	3,000	3,000	5,000	6,000	4,000
U.S. citizen	3,000	3,000	5,000	7,000	4,000
Native born	3,000	3,000	17,000	7,000	5,000
Naturalized	4,000	4,000	S	S	20,000
Non-U.S. citizen	10,000	10,000	S	S	S
Permanent resident	12,000	12,000	S	S	S
Temporary resident	3,000	2,000	S	S	S
Non-S&E managers	3,000	4,000	4,000	1,000	4,000
U.S. citizen	2,000	4,000	4,000	1,000	4,000
Native born	2,000	5,000	4,000	2,000	5,000
Naturalized	8,000	7,000	S	S	S
Non-U.S. citizen	20,000	20,000	S	S	S
Permanent resident	19,000	16,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E postsecondary teachers	1,000	S	6,000	3,000	S
U.S. citizen	500	S	3,000	3,000	S
Native born	1,000	S	4,000	2,000	S
Naturalized	8,000	S	S	S	S
Non-U.S. citizen	3,000	S	3,000	S	S
Permanent resident	S	S	S	S	S
Temporary resident	2,000	S	2,000	S	S
Non-S&E precollege/other teachers	1,000	13,000	S	1,000	S
U.S. citizen	1,000	13,000	S	1,000	S
Native born	1,000	14,000	S	1,000	S
Naturalized	4,000	S	S	2,000	S
Non-U.S. citizen	21,000	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	3,000	3,000	S	S	S
U.S. citizen	3,000	3,000	S	S	S
Native born	3,000	3,000	S	S	S
Naturalized	12,000	12,000	S	S	S
Non-U.S. citizen	10,000	10,000	S	S	S
Permanent resident	2,000	2,000	S	S	S
Temporary resident	S	S	S	S	S
Social services/related occupations	500	1,000	2,000	1,000	1,000
U.S. citizen	500	1,000	2,000	1,000	1,000
Native born	500	1,000	2,000	1,000	2,000
Naturalized	5,000	3,000	S	10,000	10,000
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	2,000	2,000	2,000	4,000	3,000
U.S. citizen	2,000	2,000	2,000	4,000	2,000
Native born	2,000	3,000	2,000	4,000	2,000
Naturalized	4,000	4,000	S	S	12,000
Non-U.S. citizen	8,000	9,000	S	S	S
Permanent resident	5,000	9,000	S	S	S
Temporary resident	4,000	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Doctorate degrees, all occupations	2,000	1,000	1,000	2,000	2,000
U.S. citizen	1,000	2,000	500	1,000	3,000
Native born	1,000	3,000	1,000	2,000	3,000
Naturalized	500	500	3,000	5,000	1,000
Non-U.S. citizen	500	3,000	3,000	500	6,000
Permanent resident	1,000	2,000	1,000	13,000	11,000
Temporary resident	3,000	2,000	1,000	S	2,000
S&E occupations	1,000	500	500	2,000	2,000
U.S. citizen	2,000	1,000	1,000	2,000	3,000
Native born	500	2,000	500	2,000	2,000
Naturalized	500	500	1,000	15,000	1,000
Non-U.S. citizen	4,000	1,000	2,000	3,000	3,000
Permanent resident	500	3,000	2,000	S	10,000
Temporary resident	3,000	2,000	1,000	S	2,000
Scientists	1,000	2,000	1,000	2,000	2,000
U.S. citizen	500	3,000	500	2,000	2,000
Native born	1,000	500	1,000	3,000	3,000
Naturalized	1,000	3,000	1,000	15,000	1,000
Non-U.S. citizen	1,000	3,000	2,000	4,000	4,000
Permanent resident	3,000	4,000	1,000	S	10,000
Temporary resident	2,000	4,000	1,000	S	2,000
Biological/agricultural/other life scientists	500	2,000	500	2,000	2,000
U.S. citizen	1,000	2,000	500	2,000	2,000
Native born	2,000	1,000	1,000	1,000	3,000
Naturalized	3,000	7,000	4,000	S	2,000
Non-U.S. citizen	4,000	3,000	2,000	S	5,000
Permanent resident	3,000	7,000	5,000	S	S
Temporary resident	3,000	20,000	2,000	S	S
Agricultural/food scientists	2,000	3,000	4,000	S	4,000
U.S. citizen	2,000	3,000	2,000	S	5,000
Native born	3,000	3,000	2,000	S	7,000
Naturalized	6,000	5,000	S	S	S
Non-U.S. citizen	7,000	20,000	2,000	S	S
Permanent resident	10,000	S	3,000	S	S
Temporary resident	S	S	S	S	S
Biological/medical scientists	3,000	2,000	1,000	S	4,000
U.S. citizen	2,000	2,000	2,000	S	1,000
Native born	3,000	1,000	3,000	S	3,000
Naturalized	3,000	7,000	6,000	S	2,000
Non-U.S. citizen	5,000	3,000	3,000	S	7,000
Permanent resident	3,000	7,000	7,000	S	S
Temporary resident	3,000	18,000	1,000	S	S
Environmental life scientists	4,000	4,000	S	S	9,000
U.S. citizen	5,000	4,000	S	S	9,000
Native born	5,000	4,000	S	S	10,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-life/related sciences	1,000	S	1,000	2,000	S
U.S. citizen	1,000	S	1,000	1,000	S
Native born	2,000	S	500	1,000	S
Naturalized	8,000	S	8,000	S	S
Non-U.S. citizen	5,000	S	6,000	S	S
Permanent resident	5,000	S	6,000	S	S
Temporary resident	S	S	S	S	S
Computer/mathematical scientists	1,000	500	1,000	9,000	1,000
U.S. citizen	1,000	500	1,000	12,000	1,000
Native born	2,000	500	3,000	27,000	6,000
Naturalized	2,000	4,000	7,000	S	2,000
Non-U.S. citizen	2,000	1,000	6,000	S	S
Permanent resident	4,000	1,000	1,000	S	S
Temporary resident	8,000	6,000	4,000	S	S
Computer/information scientists	2,000	500	7,000	S	2,000
U.S. citizen	3,000	500	7,000	S	2,000
Native born	4,000	500	5,000	S	2,000
Naturalized	3,000	4,000	2,000	S	S
Non-U.S. citizen	4,000	500	3,000	S	S
Permanent resident	3,000	2,000	S	S	S
Temporary resident	9,000	2,000	S	S	S
Mathematical scientists	4,000	500	7,000	S	8,000
U.S. citizen	5,000	5,000	9,000	S	5,000
Native born	4,000	4,000	15,000	S	6,000
Naturalized	4,000	4,000	S	S	S
Non-U.S. citizen	4,000	4,000	9,000	S	S
Permanent resident	5,000	10,000	S	S	S
Temporary resident	6,000	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	S	3,000	5,000	S
U.S. citizen	2,000	S	3,000	4,000	S
Native born	3,000	S	3,000	14,000	S
Naturalized	1,000	S	2,000	S	S
Non-U.S. citizen	8,000	S	7,000	S	S
Permanent resident	1,000	S	1,000	S	S
Temporary resident	9,000	S	4,000	S	S
Physical/related scientists	500	2,000	1,000	2,000	3,000
U.S. citizen	2,000	500	2,000	2,000	4,000
Native born	2,000	500	500	2,000	3,000
Naturalized	1,000	3,000	5,000	S	5,000
Non-U.S. citizen	4,000	3,000	3,000	S	S
Permanent resident	2,000	4,000	2,000	S	S
Temporary resident	3,000	7,000	2,000	S	S
Chemists, except biochemists	3,000	2,000	8,000	S	8,000
U.S. citizen	1,000	1,000	6,000	S	5,000
Native born	2,000	500	11,000	S	6,000
Naturalized	3,000	2,000	S	S	S
Non-U.S. citizen	4,000	5,000	4,000	S	S
Permanent resident	3,000	5,000	11,000	S	S
Temporary resident	24,000	3,000	2,000	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Earth/atmospheric/ocean scientists	2,000	5,000	5,000	S	6,000
U.S. citizen	3,000	5,000	5,000	S	6,000
Native born	3,000	6,000	6,000	S	7,000
Naturalized	15,000	9,000	S	S	36,000
Non-U.S. citizen	11,000	12,000	2,000	S	S
Permanent resident	11,000	S	S	S	S
Temporary resident	2,000	S	5,000	S	S
Physicists/astronomers	3,000	5,000	5,000	S	5,000
U.S. citizen	3,000	2,000	8,000	S	3,000
Native born	2,000	3,000	6,000	S	3,000
Naturalized	11,000	11,000	S	S	S
Non-U.S. citizen	5,000	6,000	4,000	S	S
Permanent resident	5,000	18,000	4,000	S	S
Temporary resident	5,000	S	1,000	S	S
Postsecondary teachers-physical/related sciences	1,000	S	1,000	2,000	S
U.S. citizen	500	S	1,000	2,000	S
Native born	2,000	S	500	2,000	S
Naturalized	6,000	S	6,000	S	S
Non-U.S. citizen	4,000	S	4,000	S	S
Permanent resident	7,000	S	6,000	S	S
Temporary resident	1,000	S	2,000	S	S
Other physical/related scientists	7,000	1,000	S	S	13,000
U.S. citizen	2,000	2,000	S	S	10,000
Native born	5,000	5,000	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Social/related scientists	2,000	2,000	1,000	3,000	1,000
U.S. citizen	1,000	4,000	1,000	4,000	500
Native born	1,000	2,000	1,000	3,000	500
Naturalized	1,000	1,000	4,000	13,000	6,000
Non-U.S. citizen	2,000	8,000	5,000	S	S
Permanent resident	6,000	15,000	6,000	S	S
Temporary resident	1,000	13,000	3,000	S	S
Economists	3,000	7,000	5,000	S	4,000
U.S. citizen	5,000	7,000	5,000	S	4,000
Native born	6,000	9,000	6,000	S	5,000
Naturalized	6,000	S	S	S	S
Non-U.S. citizen	12,000	14,000	S	S	S
Permanent resident	28,000	S	S	S	S
Temporary resident	10,000	11,000	S	S	S
Political/related scientists	5,000	S	4,000	S	S
U.S. citizen	5,000	S	6,000	S	S
Native born	4,000	S	8,000	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Postsecondary teachers-social/related sciences	1,000	S	1,000	3,000	S
U.S. citizen	2,000	S	1,000	3,000	S
Native born	2,000	S	2,000	3,000	S
Naturalized	4,000	S	5,000	S	S
Non-U.S. citizen	5,000	S	5,000	S	S
Permanent resident	7,000	S	8,000	S	S
Temporary resident	2,000	S	1,000	S	S
Psychologists	2,000	500	3,000	8,000	2,000
U.S. citizen	2,000	1,000	3,000	8,000	2,000
Native born	2,000	1,000	4,000	8,000	2,000
Naturalized	10,000	10,000	36,000	S	S
Non-U.S. citizen	12,000	41,000	S	S	S
Permanent resident	22,000	S	S	S	S
Temporary resident	S	S	S	S	S
Sociologists/anthropologists	5,000	8,000	2,000	S	4,000
U.S. citizen	3,000	8,000	3,000	S	4,000
Native born	3,000	8,000	3,000	S	4,000
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other social/related scientists	1,000	4,000	6,000	S	4,000
U.S. citizen	2,000	5,000	7,000	S	4,000
Native born	5,000	2,000	8,000	S	4,000
Naturalized	3,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Engineers	2,000	500	500	S	5,000
U.S. citizen	1,000	2,000	2,000	S	6,000
Native born	2,000	1,000	1,000	S	8,000
Naturalized	500	1,000	3,000	S	5,000
Non-U.S. citizen	1,000	500	5,000	S	S
Permanent resident	1,000	4,000	3,000	S	S
Temporary resident	3,000	2,000	4,000	S	S
Aerospace/aeronautical/astronautical engineers	5,000	6,000	S	S	3,000
U.S. citizen	4,000	6,000	S	S	3,000
Native born	1,000	3,000	S	S	7,000
Naturalized	11,000	8,000	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Chemical engineers	1,000	1,000	11,000	S	S
U.S. citizen	3,000	3,000	S	S	S
Native born	4,000	4,000	S	S	S
Naturalized	1,000	2,000	S	S	S
Non-U.S. citizen	1,000	5,000	S	S	S
Permanent resident	3,000	6,000	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Civil/architectural/sanitary engineers	4,000	1,000	9,000	S	8,000
U.S. citizen	2,000	2,000	S	S	3,000
Native born	2,000	2,000	S	S	S
Naturalized	6,000	14,000	S	S	S
Non-U.S. citizen	2,000	3,000	S	S	S
Permanent resident	3,000	4,000	S	S	S
Temporary resident	S	S	S	S	S
Electrical/computer hardware engineers	3,000	2,000	9,000	S	3,000
U.S. citizen	4,000	4,000	21,000	S	3,000
Native born	5,000	5,000	5,000	S	3,000
Naturalized	4,000	4,000	S	S	S
Non-U.S. citizen	1,000	1,000	3,000	S	S
Permanent resident	5,000	7,000	S	S	S
Temporary resident	5,000	3,000	S	S	S
Industrial engineers	42,000	13,000	S	S	S
U.S. citizen	59,000	21,000	S	S	S
Native born	47,000	16,000	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Mechanical engineers	2,000	1,000	11,000	S	S
U.S. citizen	1,000	1,000	S	S	S
Native born	2,000	4,000	S	S	S
Naturalized	2,000	500	S	S	S
Non-U.S. citizen	7,000	3,000	S	S	S
Permanent resident	8,000	5,000	S	S	S
Temporary resident	4,000	3,000	S	S	S
Postsecondary teachers-engineering	2,000	S	2,000	S	S
U.S. citizen	2,000	S	2,000	S	S
Native born	1,000	S	2,000	S	S
Naturalized	4,000	S	2,000	S	S
Non-U.S. citizen	3,000	S	3,000	S	S
Permanent resident	3,000	S	3,000	S	S
Temporary resident	7,000	S	7,000	S	S
Other engineers	1,000	3,000	17,000	S	5,000
U.S. citizen	3,000	500	6,000	S	4,000
Native born	3,000	500	5,000	S	3,000
Naturalized	4,000	2,000	S	S	2,000
Non-U.S. citizen	6,000	3,000	1,000	S	S
Permanent resident	8,000	6,000	S	S	S
Temporary resident	3,000	4,000	2,000	S	S
S&E-related occupations	3,000	4,000	3,000	7,000	5,000
U.S. citizen	3,000	2,000	3,000	7,000	4,000
Native born	4,000	8,000	3,000	9,000	3,000
Naturalized	9,000	7,000	9,000	16,000	22,000
Non-U.S. citizen	16,000	9,000	4,000	S	S
Permanent resident	15,000	9,000	7,000	S	S
Temporary resident	7,000	31,000	8,000	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Health-related occupations	3,000	9,000	3,000	8,000	8,000
U.S. citizen	4,000	6,000	3,000	8,000	5,000
Native born	3,000	10,000	3,000	8,000	6,000
Naturalized	9,000	13,000	9,000	S	S
Non-U.S. citizen	15,000	58,000	5,000	S	S
Permanent resident	16,000	S	11,000	S	S
Temporary resident	29,000	S	7,000	S	S
S&E managers	5,000	6,000	6,000	S	8,000
U.S. citizen	3,000	5,000	2,000	S	8,000
Native born	500	5,000	6,000	S	5,000
Naturalized	7,000	6,000	S	S	23,000
Non-U.S. citizen	11,000	25,000	S	S	S
Permanent resident	24,000	15,000	S	S	S
Temporary resident	S	S	S	S	S
S&E precollege teachers	8,000	S	S	8,000	S
U.S. citizen	8,000	S	S	8,000	S
Native born	10,000	S	S	10,000	S
Naturalized	20,000	S	S	22,000	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
S&E technicians/technologists	7,000	5,000	S	S	S
U.S. citizen	5,000	6,000	S	S	S
Native born	7,000	5,000	S	S	S
Naturalized	16,000	26,000	S	S	S
Non-U.S. citizen	32,000	8,000	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S
U.S. citizen	S	S	S	S	S
Native born	S	S	S	S	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E occupations	3,000	8,000	2,000	7,000	10,000
U.S. citizen	3,000	5,000	2,000	7,000	10,000
Native born	2,000	5,000	3,000	8,000	11,000
Naturalized	7,000	12,000	6,000	18,000	17,000
Non-U.S. citizen	5,000	8,000	6,000	S	S
Permanent resident	4,000	14,000	8,000	S	S
Temporary resident	9,000	11,000	11,000	S	S
Art/humanities/related occupations	9,000	13,000	14,000	S	S
U.S. citizen	10,000	11,000	16,000	S	S
Native born	9,000	10,000	S	S	S
Naturalized	51,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Management-related occupations	6,000	2,000	6,000	S	21,000
U.S. citizen	8,000	4,000	6,000	S	21,000
Native born	11,000	3,000	7,000	S	26,000
Naturalized	10,000	16,000	S	S	S
Non-U.S. citizen	13,000	9,000	S	S	S
Permanent resident	10,000	9,000	S	S	S
Temporary resident	8,000	7,000	S	S	S
Non-S&E managers	4,000	8,000	7,000	14,000	6,000
U.S. citizen	5,000	9,000	7,000	14,000	6,000
Native born	3,000	11,000	8,000	13,000	7,000
Naturalized	7,000	13,000	11,000	S	S
Non-U.S. citizen	8,000	23,000	S	S	S
Permanent resident	4,000	17,000	S	S	S
Temporary resident	S	S	S	S	S
Non-S&E postsecondary teachers	3,000	S	3,000	16,000	S
U.S. citizen	2,000	S	2,000	23,000	S
Native born	2,000	S	2,000	18,000	S
Naturalized	10,000	S	9,000	S	S
Non-U.S. citizen	6,000	S	5,000	S	S
Permanent resident	9,000	S	13,000	S	S
Temporary resident	12,000	S	12,000	S	S
Non-S&E precollege/other teachers	16,000	S	S	17,000	S
U.S. citizen	16,000	S	S	17,000	S
Native born	9,000	S	S	8,000	S
Naturalized	S	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Sales/marketing occupations	10,000	11,000	S	S	S
U.S. citizen	6,000	6,000	S	S	S
Native born	6,000	6,000	S	S	S
Naturalized	15,000	15,000	S	S	S
Non-U.S. citizen	4,000	4,000	S	S	S
Permanent resident	5,000	4,000	S	S	S
Temporary resident	S	S	S	S	S
Social services/related occupations	8,000	8,000	11,000	5,000	S
U.S. citizen	8,000	8,000	14,000	5,000	S
Native born	6,000	10,000	15,000	3,000	S
Naturalized	10,000	S	S	S	S
Non-U.S. citizen	S	S	S	S	S
Permanent resident	S	S	S	S	S
Temporary resident	S	S	S	S	S
Other non-S&E occupations	4,000	5,000	27,000	S	14,000
U.S. citizen	5,000	4,000	26,000	S	13,000
Native born	7,000	4,000	27,000	S	10,000
Naturalized	5,000	4,000	S	S	S

TABLE A-26. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2006
(Dollars)

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Non-U.S. citizen	8,000	S	S	S	S
Permanent resident	4,000	S	S	S	S
Temporary resident	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. Business/industry includes self-employed individuals, nonprofit organizations and other unspecified types of employers. 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, 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): 2006.

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
All degrees and occupations[a]	500	1,000	1,000	500	1,000	1,000
<30	500	500	1,000	500	2,000	1,000
30–39	500	500	1,000	2,000	500	1,000
40–49	500	1,000	1,000	500	1,000	2,000
50–59	1,000	2,000	1,000	1,000	1,000	2,000
60+	2,000	2,000	1,000	500	4,000	3,000
S&E occupations	500	1,000	1,000	1,000	500	1,000
<30	500	500	500	5,000	1,000	500
30–39	500	500	2,000	1,000	500	1,000
40–49	1,000	1,000	2,000	1,000	1,000	1,000
50–59	500	1,000	2,000	3,000	500	2,000
60+	500	3,000	1,000	3,000	2,000	4,000
Scientists	500	500	500	1,000	500	500
<30	1,000	4,000	500	4,000	1,000	1,000
30–39	1,000	1,000	1,000	1,000	500	2,000
40–49	1,000	3,000	2,000	2,000	1,000	2,000
50–59	500	500	1,000	2,000	500	2,000
60+	1,000	3,000	4,000	3,000	3,000	2,000
Biological/agricultural/other life scientists	1,000	3,000	2,000	2,000	6,000	2,000
<30	1,000	1,000	6,000	3,000	1,000	4,000
30–39	2,000	1,000	4,000	6,000	6,000	3,000
40–49	2,000	2,000	2,000	4,000	7,000	5,000
50–59	3,000	4,000	4,000	3,000	15,000	10,000
60+	4,000	7,000	5,000	11,000	S	11,000
Agricultural/food scientists	5,000	3,000	S	5,000	S	6,000
<30	3,000	6,000	S	5,000	S	S
30–39	2,000	2,000	S	4,000	S	3,000
40–49	4,000	9,000	S	4,000	S	15,000
50–59	6,000	8,000	S	13,000	S	7,000
60+	9,000	13,000	S	16,000	S	S
Biological/medical scientists	1,000	1,000	8,000	3,000	6,000	3,000
<30	1,000	1,000	6,000	3,000	1,000	3,000
30–39	1,000	2,000	9,000	1,000	10,000	6,000
40–49	3,000	3,000	5,000	4,000	9,000	4,000
50–59	4,000	6,000	13,000	2,000	5,000	9,000
60+	6,000	7,000	S	3,000	S	17,000
Environmental life scientists	4,000	7,000	S	2,000	S	11,000
<30	1,000	3,000	S	S	S	S
30–39	1,000	4,000	S	2,000	S	S
40–49	2,000	6,000	S	2,000	S	S
50–59	5,000	1,000	S	5,000	S	11,000
60+	22,000	S	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	3,000	3,000	3,000	S	8,000
<30	2,000	4,000	2,000	S	S	S
30–39	7,000	1,000	5,000	2,000	S	3,000
40–49	3,000	3,000	2,000	3,000	S	9,000
50–59	4,000	2,000	6,000	7,000	S	3,000
60+	3,000	6,000	3,000	4,000	S	7,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Computer/mathematical scientists	500	1,000	3,000	2,000	500	2,000
<30	500	3,000	3,000	2,000	500	3,000
30–39	500	500	5,000	1,000	1,000	3,000
40–49	1,000	1,000	4,000	1,000	2,000	2,000
50–59	1,000	2,000	4,000	1,000	500	4,000
60+	3,000	4,000	12,000	4,000	3,000	10,000
Computer/information scientists	1,000	1,000	6,000	1,000	2,000	2,000
<30	1,000	500	7,000	2,000	500	2,000
30–39	500	2,000	6,000	2,000	2,000	4,000
40–49	500	1,000	10,000	1,000	1,000	2,000
50–59	500	3,000	7,000	1,000	500	4,000
60+	4,000	4,000	S	4,000	3,000	10,000
Mathematical scientists	3,000	6,000	19,000	5,000	6,000	17,000
<30	1,000	1,000	S	2,000	2,000	17,000
30–39	7,000	4,000	S	6,000	4,000	25,000
40–49	6,000	5,000	S	7,000	5,000	15,000
50–59	6,000	6,000	S	30,000	7,000	28,000
60+	24,000	11,000	S	S	24,000	S
Postsecondary teachers-computer/mathematical sciences	2,000	2,000	2,000	5,000	12,000	6,000
<30	2,000	1,000	5,000	2,000	S	S
30–39	3,000	10,000	3,000	9,000	9,000	24,000
40–49	3,000	7,000	3,000	16,000	7,000	3,000
50–59	3,000	2,000	3,000	5,000	16,000	5,000
60+	7,000	10,000	8,000	5,000	S	15,000
Physical/related scientists	1,000	1,000	4,000	3,000	1,000	3,000
<30	2,000	500	500	1,000	2,000	500
30–39	2,000	1,000	1,000	2,000	4,000	2,000
40–49	2,000	2,000	5,000	5,000	8,000	4,000
50–59	3,000	3,000	4,000	4,000	9,000	5,000
60+	3,000	8,000	8,000	5,000	6,000	6,000
Chemists, except biochemists	3,000	4,000	15,000	4,000	7,000	6,000
<30	2,000	3,000	S	6,000	S	1,000
30–39	2,000	3,000	S	5,000	S	5,000
40–49	7,000	4,000	S	9,000	S	6,000
50–59	2,000	4,000	S	9,000	S	2,000
60+	5,000	10,000	S	10,000	S	6,000
Earth/atmospheric/ocean scientists	2,000	3,000	9,000	4,000	4,000	1,000
<30	1,000	2,000	S	1,000	8,000	4,000
30–39	2,000	3,000	S	1,000	5,000	3,000
40–49	6,000	6,000	S	4,000	6,000	4,000
50–59	7,000	8,000	S	8,000	24,000	4,000
60+	32,000	36,000	S	26,000	S	S
Physicists/astronomers	8,000	4,000	15,000	5,000	10,000	21,000
<30	1,000	1,000	S	S	4,000	S
30–39	8,000	6,000	S	1,000	9,000	7,000
40–49	1,000	2,000	S	4,000	7,000	22,000
50–59	7,000	11,000	S	12,000	17,000	S
60+	9,000	8,000	S	11,000	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-physical/related sciences	2,000	3,000	2,000	4,000	11,000	7,000
<30	2,000	500	2,000	1,000	S	S
30–39	1,000	2,000	2,000	7,000	S	6,000
40–49	4,000	2,000	4,000	3,000	S	5,000
50–59	5,000	4,000	5,000	11,000	S	17,000
60+	5,000	10,000	6,000	13,000	S	11,000
Other physical/related scientists	3,000	8,000	S	2,000	13,000	9,000
<30	3,000	4,000	S	7,000	S	S
30–39	7,000	6,000	S	4,000	S	9,000
40–49	5,000	12,000	S	12,000	S	15,000
50–59	10,000	18,000	S	23,000	S	S
60+	3,000	S	S	S	S	S
Social/related scientists	1,000	2,000	1,000	2,000	7,000	2,000
<30	6,000	2,000	500	1,000	3,000	1,000
30–39	2,000	2,000	3,000	2,000	11,000	2,000
40–49	3,000	4,000	2,000	6,000	27,000	4,000
50–59	4,000	3,000	4,000	2,000	25,000	4,000
60+	2,000	5,000	2,000	5,000	S	7,000
Economists	6,000	13,000	S	11,000	22,000	10,000
<30	4,000	2,000	S	S	S	S
30–39	5,000	11,000	S	9,000	S	34,000
40–49	9,000	11,000	S	22,000	11,000	49,000
50–59	18,000	16,000	S	19,000	S	17,000
60+	9,000	14,000	S	11,000	S	S
Political/related scientists	7,000	5,000	S	17,000	S	11,000
<30	7,000	15,000	S	S	S	S
30–39	8,000	47,000	S	6,000	S	S
40–49	29,000	23,000	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	1,000	3,000	1,000	3,000	S	3,000
<30	500	2,000	500	S	S	S
30–39	2,000	1,000	3,000	20,000	S	4,000
40–49	2,000	2,000	3,000	2,000	S	5,000
50–59	3,000	2,000	5,000	5,000	S	4,000
60+	3,000	5,000	4,000	4,000	S	31,000
Psychologists	2,000	6,000	4,000	1,000	9,000	3,000
<30	1,000	7,000	S	7,000	S	11,000
30–39	3,000	5,000	29,000	8,000	S	3,000
40–49	4,000	12,000	11,000	5,000	S	4,000
50–59	3,000	7,000	6,000	1,000	S	3,000
60+	8,000	7,000	12,000	5,000	S	7,000
Sociologists/anthropologists	3,000	4,000	S	6,000	S	11,000
<30	2,000	1,000	S	S	S	S
30–39	13,000	10,000	S	19,000	S	S
40–49	16,000	23,000	S	30,000	S	S
50–59	12,000	13,000	S	6,000	S	S
60+	16,000	19,000	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other social/related scientists	3,000	4,000	S	2,000	11,000	8,000
<30	6,000	6,000	S	2,000	S	1,000
30–39	3,000	5,000	S	6,000	S	8,000
40–49	7,000	10,000	S	14,000	S	7,000
50–59	12,000	11,000	S	13,000	S	9,000
60+	11,000	36,000	S	14,000	S	S
Engineers	1,000	2,000	3,000	2,000	2,000	1,000
<30	500	500	3,000	2,000	3,000	500
30–39	500	500	3,000	500	4,000	1,000
40–49	2,000	1,000	5,000	1,000	2,000	500
50–59	500	1,000	7,000	1,000	3,000	3,000
60+	3,000	3,000	3,000	3,000	6,000	5,000
Aerospace/aeronautical/astronautical engineers	2,000	3,000	S	3,000	4,000	4,000
<30	500	500	S	1,000	500	7,000
30–39	3,000	3,000	S	7,000	2,000	8,000
40–49	4,000	3,000	S	4,000	8,000	15,000
50–59	3,000	3,000	S	3,000	6,000	12,000
60+	4,000	4,000	S	4,000	S	S
Chemical engineers	1,000	3,000	S	2,000	4,000	2,000
<30	1,000	1,000	S	1,000	4,000	6,000
30–39	3,000	4,000	S	5,000	S	2,000
40–49	4,000	3,000	S	4,000	S	3,000
50–59	5,000	6,000	S	5,000	S	5,000
60+	13,000	14,000	S	11,000	S	S
Civil/architectural/sanitary engineers	2,000	2,000	S	1,000	6,000	4,000
<30	500	1,000	S	500	7,000	2,000
30–39	2,000	1,000	S	1,000	19,000	3,000
40–49	1,000	2,000	S	1,000	9,000	4,000
50–59	2,000	3,000	S	2,000	S	3,000
60+	4,000	5,000	S	4,000	S	10,000
Electrical/computer hardware engineers	3,000	2,000	8,000	1,000	4,000	2,000
<30	500	500	S	1,000	1,000	500
30–39	2,000	1,000	S	3,000	3,000	3,000
40–49	2,000	2,000	S	2,000	4,000	2,000
50–59	2,000	1,000	S	3,000	6,000	5,000
60+	6,000	8,000	S	18,000	12,000	5,000
Industrial engineers	2,000	2,000	S	3,000	8,000	5,000
<30	500	500	S	2,000	2,000	3,000
30–39	2,000	5,000	S	3,000	S	5,000
40–49	5,000	4,000	S	6,000	S	6,000
50–59	1,000	3,000	S	2,000	S	8,000
60+	27,000	12,000	S	S	S	S
Mechanical engineers	1,000	1,000	6,000	2,000	1,000	3,000
<30	500	500	S	1,000	1,000	2,000
30–39	3,000	1,000	S	1,000	2,000	3,000
40–49	2,000	2,000	S	2,000	6,000	4,000
50–59	3,000	3,000	S	3,000	11,000	5,000
60+	4,000	11,000	S	9,000	S	12,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-engineering	5,000	2,000	4,000	4,000	10,000	2,000
<30	2,000	2,000	2,000	S	S	S
30–39	3,000	4,000	3,000	7,000	S	S
40–49	3,000	4,000	2,000	6,000	S	S
50–59	9,000	1,000	10,000	4,000	S	S
60+	5,000	13,000	7,000	21,000	S	S
Other engineers	2,000	2,000	13,000	1,000	7,000	1,000
<30	2,000	3,000	S	1,000	8,000	500
30–39	2,000	1,000	S	1,000	8,000	3,000
40–49	3,000	4,000	S	3,000	14,000	5,000
50–59	3,000	5,000	S	4,000	11,000	6,000
60+	7,000	7,000	S	6,000	S	8,000
S&E-related occupations	500	2,000	500	1,000	1,000	500
<30	500	2,000	500	1,000	8,000	500
30–39	500	2,000	2,000	1,000	4,000	1,000
40–49	1,000	3,000	1,000	2,000	3,000	1,000
50–59	2,000	2,000	2,000	2,000	2,000	1,000
60+	3,000	4,000	3,000	3,000	6,000	3,000
Health-related occupations	500	2,000	1,000	2,000	5,000	500
<30	500	1,000	1,000	2,000	18,000	500
30–39	1,000	1,000	1,000	1,000	7,000	2,000
40–49	1,000	3,000	3,000	2,000	8,000	1,000
50–59	2,000	3,000	2,000	2,000	7,000	1,000
60+	3,000	10,000	4,000	5,000	S	5,000
S&E managers	2,000	2,000	5,000	2,000	5,000	5,000
<30	19,000	S	S	14,000	S	S
30–39	3,000	3,000	S	4,000	7,000	11,000
40–49	2,000	5,000	S	3,000	6,000	4,000
50–59	1,000	5,000	S	500	3,000	5,000
60+	3,000	10,000	S	5,000	S	5,000
S&E precollege teachers	1,000	2,000	1,000	1,000	5,000	1,000
<30	500	2,000	500	2,000	S	2,000
30–39	1,000	4,000	1,000	1,000	S	3,000
40–49	1,000	4,000	1,000	1,000	S	3,000
50–59	1,000	2,000	1,000	2,000	S	3,000
60+	5,000	S	5,000	6,000	S	25,000
S&E technicians/technologists	2,000	3,000	7,000	1,000	2,000	1,000
<30	1,000	1,000	S	2,000	10,000	1,000
30–39	3,000	4,000	S	3,000	4,000	1,000
40–49	3,000	4,000	S	4,000	2,000	3,000
50–59	4,000	9,000	S	7,000	2,000	2,000
60+	5,000	8,000	S	5,000	8,000	9,000
Other S&E-related occupations	2,000	3,000	S	2,000	4,000	4,000
<30	13,000	11,000	S	1,000	S	S
30–39	3,000	3,000	S	4,000	S	4,000
40–49	2,000	8,000	S	3,000	S	8,000
50–59	4,000	4,000	S	4,000	S	7,000
60+	8,000	5,000	S	15,000	S	11,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

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

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other non-S&E occupations	1,000	2,000	2,000	1,000	5,000	1,000
<30	500	2,000	4,000	500	3,000	1,000
30–39	1,000	3,000	6,000	2,000	7,000	2,000
40–49	1,000	2,000	3,000	2,000	3,000	3,000
50–59	2,000	5,000	4,000	2,000	7,000	2,000
60+	2,000	11,000	5,000	3,000	S	3,000
Bachelor's degrees, all occupations	500	1,000	1,000	1,000	500	1,000
<30	500	500	500	500	1,000	1,000
30–39	1,000	1,000	1,000	1,000	1,000	1,000
40–49	1,000	500	1,000	2,000	1,000	1,000
50–59	1,000	1,000	1,000	1,000	2,000	1,000
60+	1,000	3,000	4,000	3,000	5,000	2,000
S&E occupations	500	500	3,000	2,000	1,000	1,000
<30	2,000	1,000	500	500	1,000	500
30–39	500	500	12,000	1,000	2,000	1,000
40–49	500	2,000	3,000	2,000	2,000	2,000
50–59	2,000	500	2,000	1,000	2,000	3,000
60+	3,000	3,000	21,000	4,000	5,000	6,000
Scientists	1,000	500	3,000	500	1,000	3,000
<30	1,000	500	500	1,000	1,000	4,000
30–39	1,000	2,000	10,000	1,000	2,000	4,000
40–49	1,000	1,000	6,000	2,000	2,000	2,000
50–59	2,000	3,000	5,000	2,000	2,000	3,000
60+	4,000	3,000	7,000	4,000	7,000	6,000
Biological/agricultural/other life scientists	2,000	4,000	2,000	3,000	15,000	5,000
<30	500	500	3,000	3,000	S	1,000
30–39	3,000	6,000	S	6,000	S	2,000
40–49	4,000	6,000	S	7,000	S	4,000
50–59	8,000	9,000	S	4,000	S	5,000
60+	5,000	S	S	S	S	S
Agricultural/food scientists	3,000	4,000	S	7,000	S	8,000
<30	4,000	7,000	S	8,000	S	S
30–39	4,000	S	S	S	S	S
40–49	9,000	13,000	S	12,000	S	S
50–59	16,000	S	S	S	S	S
60+	S	S	S	S	S	S
Biological/medical scientists	2,000	7,000	11,000	4,000	20,000	2,000
<30	1,000	1,000	7,000	6,000	S	1,000
30–39	7,000	7,000	S	5,000	S	5,000
40–49	4,000	8,000	S	7,000	S	2,000
50–59	7,000	5,000	S	11,000	S	7,000
60+	S	S	S	S	S	S
Environmental life scientists	6,000	7,000	S	5,000	S	13,000
<30	6,000	S	S	S	S	S
30–39	3,000	S	S	2,000	S	S
40–49	4,000	S	S	4,000	S	S
50–59	10,000	S	S	9,000	S	S
60+	S	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-life/related sciences	2,000	6,000	1,000	S	S	S
<30	1,000	6,000	2,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Computer/mathematical scientists	1,000	2,000	3,000	500	1,000	4,000
<30	500	1,000	5,000	2,000	1,000	1,000
30–39	1,000	2,000	15,000	3,000	3,000	3,000
40–49	2,000	1,000	3,000	2,000	1,000	4,000
50–59	1,000	2,000	9,000	3,000	2,000	7,000
60+	4,000	4,000	S	7,000	8,000	13,000
Computer/information scientists	1,000	1,000	6,000	500	1,000	2,000
<30	3,000	2,000	5,000	8,000	1,000	3,000
30–39	1,000	1,000	5,000	3,000	2,000	4,000
40–49	2,000	1,000	11,000	2,000	1,000	4,000
50–59	1,000	2,000	11,000	2,000	2,000	6,000
60+	4,000	4,000	S	7,000	7,000	14,000
Mathematical scientists	8,000	12,000	S	11,000	4,000	4,000
<30	5,000	8,000	S	2,000	3,000	S
30–39	11,000	S	S	S	S	S
40–49	7,000	S	S	S	S	S
50–59	29,000	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	7,000	6,000	5,000	8,000	S	S
<30	1,000	S	1,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Physical/related scientists	3,000	3,000	9,000	1,000	22,000	2,000
<30	2,000	2,000	500	2,000	2,000	1,000
30–39	4,000	4,000	S	4,000	S	1,000
40–49	3,000	4,000	S	6,000	S	4,000
50–59	6,000	7,000	S	10,000	S	4,000
60+	7,000	10,000	S	S	S	S
Chemists, except biochemists	2,000	3,000	S	2,000	S	2,000
<30	2,000	4,000	S	4,000	S	1,000
30–39	4,000	3,000	S	4,000	S	3,000
40–49	5,000	6,000	S	13,000	S	4,000
50–59	3,000	7,000	S	8,000	S	4,000
60+	8,000	S	S	S	S	S
Earth/atmospheric/ocean scientists	1,000	5,000	S	2,000	4,000	1,000
<30	2,000	5,000	S	1,000	S	7,000
30–39	6,000	5,000	S	3,000	S	4,000
40–49	6,000	6,000	S	13,000	S	S
50–59	5,000	12,000	S	10,000	S	5,000
60+	S	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Physicists/astronomers	2,000	2,000	S	S	2,000	S
<30	1,000	1,000	S	S	2,000	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	2,000	500	3,000	500	S	S
<30	500	500	500	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other physical/related scientists	4,000	5,000	S	5,000	S	4,000
<30	1,000	9,000	S	6,000	S	S
30–39	7,000	S	S	S	S	S
40–49	7,000	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	2,000	6,000	1,000	4,000	5,000	7,000
<30	2,000	3,000	2,000	1,000	S	7,000
30–39	5,000	9,000	S	5,000	S	19,000
40–49	8,000	30,000	S	9,000	S	6,000
50–59	15,000	S	S	13,000	S	S
60+	S	S	S	S	S	S
Economists	7,000	7,000	S	22,000	S	S
<30	5,000	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Political/related scientists	4,000	S	S	S	S	S
<30	9,000	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	1,000	500	1,000	S	S	S
<30	500	500	3,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Psychologists	4,000	2,000	S	6,000	S	7,000
<30	2,000	1,000	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Sociologists/anthropologists	6,000	6,000	S	S	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other social/related scientists	3,000	4,000	S	3,000	S	10,000
<30	3,000	4,000	S	7,000	S	S
30–39	6,000	S	S	8,000	S	S
40–49	13,000	S	S	10,000	S	S
50–59	8,000	S	S	5,000	S	S
60+	S	S	S	S	S	S
Engineers	1,000	2,000	4,000	1,000	1,000	1,000
<30	500	1,000	4,000	500	500	500
30–39	1,000	1,000	S	1,000	5,000	2,000
40–49	2,000	500	11,000	1,000	4,000	3,000
50–59	1,000	2,000	5,000	3,000	3,000	4,000
60+	3,000	5,000	S	6,000	3,000	8,000
Aerospace/aeronautical/astronautical engineers	2,000	3,000	S	4,000	5,000	5,000
<30	1,000	1,000	S	1,000	500	11,000
30–39	8,000	3,000	S	6,000	S	S
40–49	4,000	4,000	S	3,000	S	S
50–59	8,000	10,000	S	9,000	S	S
60+	7,000	4,000	S	S	S	S
Chemical engineers	4,000	3,000	S	3,000	4,000	4,000
<30	1,000	4,000	S	2,000	S	500
30–39	3,000	4,000	S	4,000	S	4,000
40–49	5,000	2,000	S	5,000	S	9,000
50–59	6,000	9,000	S	6,000	S	S
60+	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	1,000	S	2,000	7,000	3,000
<30	500	500	S	500	2,000	2,000
30–39	2,000	3,000	S	1,000	S	3,000
40–49	2,000	4,000	S	4,000	S	4,000
50–59	6,000	8,000	S	5,000	S	6,000
60+	7,000	7,000	S	7,000	S	24,000
Electrical/computer hardware engineers	1,000	4,000	15,000	4,000	2,000	2,000
<30	2,000	2,000	S	9,000	500	2,000
30–39	3,000	3,000	S	5,000	5,000	3,000
40–49	2,000	2,000	S	2,000	4,000	3,000
50–59	2,000	2,000	S	4,000	8,000	5,000
60+	5,000	5,000	S	9,000	S	S
Industrial engineers	1,000	2,000	S	2,000	9,000	3,000
<30	500	1,000	S	2,000	1,000	4,000
30–39	5,000	6,000	S	6,000	S	5,000
40–49	6,000	7,000	S	5,000	S	4,000
50–59	4,000	3,000	S	4,000	S	13,000
60+	S	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Mechanical engineers	500	2,000	S	1,000	3,000	2,000
<30	1,000	1,000	S	1,000	1,000	5,000
30–39	1,000	1,000	S	1,000	S	3,000
40–49	3,000	3,000	S	2,000	S	3,000
50–59	2,000	3,000	S	3,000	S	5,000
60+	6,000	7,000	S	12,000	S	16,000
Postsecondary teachers-engineering	14,000	12,000	13,000	11,000	S	S
<30	500	S	500	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other engineers	2,000	3,000	18,000	2,000	6,000	2,000
<30	2,000	2,000	S	2,000	4,000	1,000
30–39	3,000	2,000	S	4,000	13,000	2,000
40–49	2,000	6,000	S	3,000	22,000	6,000
50–59	3,000	3,000	S	6,000	S	4,000
60+	10,000	8,000	S	10,000	S	8,000
S&E-related occupations	500	500	500	1,000	3,000	500
<30	500	1,000	3,000	2,000	5,000	500
30–39	500	1,000	2,000	1,000	4,000	2,000
40–49	1,000	2,000	1,000	2,000	3,000	2,000
50–59	2,000	4,000	500	2,000	4,000	2,000
60+	3,000	5,000	4,000	4,000	9,000	3,000
Health-related occupations	500	1,000	2,000	2,000	4,000	500
<30	500	1,000	1,000	2,000	8,000	500
30–39	1,000	5,000	3,000	2,000	S	2,000
40–49	1,000	4,000	1,000	2,000	6,000	1,000
50–59	2,000	7,000	1,000	1,000	8,000	2,000
60+	2,000	11,000	6,000	9,000	S	2,000
S&E managers	1,000	4,000	S	2,000	6,000	7,000
<30	24,000	S	S	23,000	S	S
30–39	5,000	6,000	S	5,000	16,000	23,000
40–49	3,000	4,000	S	4,000	4,000	9,000
50–59	6,000	9,000	S	5,000	S	13,000
60+	2,000	S	S	9,000	S	S
S&E precollege teachers	1,000	1,000	1,000	2,000	5,000	4,000
<30	1,000	3,000	1,000	500	S	5,000
30–39	2,000	2,000	2,000	2,000	S	4,000
40–49	1,000	2,000	2,000	2,000	S	S
50–59	1,000	2,000	2,000	2,000	S	S
60+	6,000	S	6,000	S	S	S
S&E technicians/technologists	1,000	3,000	7,000	3,000	3,000	3,000
<30	5,000	1,000	S	2,000	6,000	1,000
30–39	3,000	5,000	S	5,000	5,000	3,000
40–49	3,000	5,000	S	4,000	2,000	4,000
50–59	3,000	8,000	S	8,000	2,000	3,000
60+	4,000	9,000	S	6,000	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other S&E-related occupations	3,000	4,000	S	3,000	7,000	4,000
<30	11,000	14,000	S	500	S	S
30–39	4,000	7,000	S	6,000	S	6,000
40–49	8,000	5,000	S	3,000	S	5,000
50–59	3,000	5,000	S	3,000	S	8,000
60+	9,000	8,000	S	15,000	S	S
Non-S&E occupations	500	2,000	1,000	500	3,000	500
<30	500	3,000	3,000	1,000	2,000	1,000
30–39	2,000	3,000	2,000	2,000	2,000	3,000
40–49	2,000	7,000	2,000	1,000	5,000	3,000
50–59	500	5,000	2,000	2,000	6,000	2,000
60+	1,000	9,000	6,000	2,000	8,000	2,000
Art/humanities/related occupations	3,000	10,000	26,000	3,000	S	12,000
<30	8,000	11,000	S	1,000	S	4,000
30–39	3,000	S	S	2,000	S	11,000
40–49	5,000	27,000	S	9,000	S	19,000
50–59	12,000	S	S	12,000	S	9,000
60+	S	S	S	S	S	S
Management-related occupations	500	4,000	3,000	500	4,000	7,000
<30	1,000	2,000	S	5,000	5,000	1,000
30–39	4,000	6,000	S	4,000	8,000	6,000
40–49	4,000	3,000	S	4,000	8,000	5,000
50–59	3,000	11,000	S	3,000	7,000	5,000
60+	7,000	S	S	7,000	S	5,000
Non-S&E managers	500	6,000	19,000	500	17,000	7,000
<30	1,000	S	S	1,000	S	S
30–39	6,000	17,000	S	4,000	S	20,000
40–49	6,000	9,000	S	6,000	34,000	13,000
50–59	6,000	23,000	S	6,000	S	13,000
60+	11,000	S	S	12,000	S	S
Non-S&E postsecondary teachers	3,000	2,000	4,000	11,000	S	16,000
<30	2,000	5,000	3,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	8,000	S	8,000	S	S	S
60+	S	S	S	S	S	S
Non-S&E precollege/other teachers	1,000	2,000	2,000	2,000	S	3,000
<30	1,000	5,000	1,000	3,000	S	2,000
30–39	2,000	3,000	2,000	6,000	S	6,000
40–49	4,000	9,000	4,000	3,000	S	12,000
50–59	3,000	S	4,000	5,000	S	S
60+	6,000	S	7,000	S	S	S
Sales/marketing occupations	2,000	3,000	7,000	3,000	5,000	7,000
<30	4,000	1,000	3,000	1,000	11,000	1,000
30–39	4,000	4,000	10,000	4,000	S	3,000
40–49	4,000	3,000	S	4,000	16,000	7,000
50–59	4,000	15,000	S	4,000	S	8,000
60+	3,000	24,000	S	3,000	S	11,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Social services/related occupations	1,000	2,000	1,000	1,000	5,000	500
<30	1,000	1,000	1,000	1,000	S	500
30–39	1,000	S	3,000	2,000	S	1,000
40–49	1,000	S	4,000	3,000	S	1,000
50–59	3,000	S	4,000	3,000	S	3,000
60+	9,000	S	S	S	S	S
Other non-S&E occupations	500	2,000	3,000	1,000	2,000	1,000
<30	500	500	2,000	500	2,000	1,000
30–39	2,000	5,000	6,000	2,000	12,000	2,000
40–49	1,000	3,000	5,000	2,000	5,000	3,000
50–59	500	5,000	5,000	2,000	7,000	2,000
60+	2,000	10,000	S	5,000	S	2,000
Master's degrees, all occupations	1,000	1,000	1,000	1,000	500	1,000
<30	500	1,000	1,000	500	500	1,000
30–39	1,000	2,000	1,000	500	3,000	2,000
40–49	2,000	2,000	500	3,000	2,000	2,000
50–59	1,000	1,000	1,000	1,000	2,000	500
60+	2,000	3,000	2,000	2,000	5,000	2,000
S&E occupations	1,000	2,000	2,000	1,000	1,000	2,000
<30	2,000	1,000	1,000	500	500	3,000
30–39	3,000	1,000	2,000	2,000	2,000	2,000
40–49	1,000	2,000	3,000	2,000	1,000	3,000
50–59	2,000	2,000	2,000	3,000	3,000	2,000
60+	3,000	3,000	5,000	2,000	7,000	2,000
Scientists	1,000	1,000	1,000	2,000	2,000	500
<30	3,000	6,000	3,000	1,000	1,000	6,000
30–39	500	500	3,000	3,000	2,000	4,000
40–49	2,000	3,000	3,000	2,000	2,000	4,000
50–59	1,000	3,000	1,000	4,000	3,000	4,000
60+	2,000	5,000	7,000	4,000	6,000	6,000
Biological/agricultural/other life scientists	1,000	3,000	3,000	2,000	5,000	4,000
<30	3,000	3,000	6,000	6,000	S	11,000
30–39	2,000	2,000	15,000	3,000	S	4,000
40–49	2,000	6,000	7,000	6,000	S	5,000
50–59	3,000	6,000	12,000	5,000	S	5,000
60+	4,000	S	S	11,000	S	S
Agricultural/food scientists	5,000	7,000	S	2,000	S	10,000
<30	S	S	S	S	S	S
30–39	3,000	3,000	S	S	S	S
40–49	S	S	S	S	S	S
50–59	16,000	S	S	S	S	S
60+	S	S	S	S	S	S
Biological/medical scientists	2,000	8,000	S	3,000	1,000	3,000
<30	3,000	3,000	S	7,000	S	14,000
30–39	2,000	4,000	S	8,000	S	3,000
40–49	9,000	7,000	S	6,000	S	7,000
50–59	5,000	3,000	S	3,000	S	S
60+	20,000	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Environmental life scientists	3,000	6,000	S	3,000	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	3,000	5,000	4,000	11,000	S	S
<30	S	S	S	S	S	S
30–39	33,000	S	18,000	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Computer/mathematical scientists	2,000	1,000	2,000	3,000	1,000	2,000
<30	500	2,000	1,000	2,000	2,000	8,000
30–39	1,000	2,000	5,000	4,000	2,000	3,000
40–49	500	2,000	4,000	2,000	2,000	3,000
50–59	2,000	2,000	7,000	4,000	3,000	7,000
60+	6,000	5,000	17,000	8,000	5,000	12,000
Computer/information scientists	1,000	2,000	5,000	2,000	2,000	4,000
<30	2,000	1,000	S	7,000	1,000	10,000
30–39	2,000	2,000	S	3,000	1,000	4,000
40–49	2,000	1,000	S	3,000	1,000	3,000
50–59	3,000	4,000	S	5,000	3,000	9,000
60+	3,000	5,000	S	9,000	3,000	13,000
Mathematical scientists	6,000	4,000	S	6,000	3,000	10,000
<30	12,000	1,000	S	S	8,000	S
30–39	7,000	12,000	S	10,000	4,000	S
40–49	6,000	5,000	S	14,000	S	S
50–59	7,000	5,000	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	2,000	3,000	2,000	4,000	15,000	9,000
<30	2,000	1,000	5,000	S	S	S
30–39	3,000	10,000	5,000	S	S	S
40–49	3,000	S	3,000	S	S	S
50–59	4,000	S	5,000	S	S	S
60+	16,000	S	17,000	S	S	S
Physical/related scientists	2,000	5,000	5,000	3,000	7,000	6,000
<30	3,000	3,000	1,000	S	2,000	10,000
30–39	3,000	7,000	11,000	3,000	6,000	3,000
40–49	6,000	8,000	5,000	4,000	S	3,000
50–59	3,000	8,000	S	9,000	S	12,000
60+	11,000	17,000	S	S	S	S
Chemists, except biochemists	3,000	1,000	S	3,000	S	6,000
<30	5,000	9,000	S	S	S	S
30–39	7,000	7,000	S	7,000	S	S
40–49	8,000	8,000	S	9,000	S	S
50–59	2,000	3,000	S	12,000	S	S
60+	S	S	S	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Earth/atmospheric/ocean scientists	5,000	5,000	S	6,000	5,000	9,000
<30	9,000	8,000	S	S	S	S
30–39	2,000	8,000	S	2,000	S	S
40–49	8,000	17,000	S	14,000	S	S
50–59	11,000	4,000	S	10,000	S	S
60+	S	S	S	S	S	S
Physicists/astronomers	13,000	14,000	S	S	14,000	S
<30	1,000	1,000	S	S	S	S
30–39	18,000	20,000	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	3,000	9,000	3,000	7,000	S	S
<30	1,000	S	1,000	S	S	S
30–39	15,000	S	15,000	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other physical/related scientists	10,000	17,000	S	10,000	S	8,000
<30	S	S	S	S	S	S
30–39	9,000	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	2,000	2,000	4,000	3,000	14,000	1,000
<30	2,000	11,000	2,000	9,000	S	1,000
30–39	1,000	5,000	16,000	1,000	S	1,000
40–49	5,000	23,000	8,000	16,000	S	7,000
50–59	5,000	13,000	4,000	8,000	S	5,000
60+	3,000	3,000	13,000	7,000	S	7,000
Economists	12,000	19,000	S	15,000	S	15,000
<30	11,000	S	S	S	S	S
30–39	14,000	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Political/related scientists	8,000	11,000	S	S	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	5,000	8,000	6,000	6,000	S	2,000
<30	500	1,000	500	S	S	S
30–39	9,000	12,000	25,000	S	S	S
40–49	12,000	S	15,000	S	S	S
50–59	11,000	S	12,000	S	S	S
60+	15,000	S	16,000	S	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Psychologists	1,000	2,000	3,000	5,000	S	1,000
<30	8,000	3,000	S	S	S	1,000
30–39	2,000	2,000	S	11,000	S	2,000
40–49	7,000	S	S	10,000	S	5,000
50–59	4,000	15,000	S	12,000	S	4,000
60+	9,000	S	S	S	S	9,000
Sociologists/anthropologists	3,000	3,000	S	10,000	S	S
<30	S	S	S	S	S	S
30–39	7,000	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other social/related scientists	6,000	7,000	S	10,000	S	12,000
<30	1,000	2,000	S	5,000	S	S
30–39	6,000	3,000	S	7,000	S	S
40–49	12,000	S	S	S	S	S
50–59	18,000	S	S	S	S	S
60+	S	S	S	S	S	S
Engineers	1,000	1,000	9,000	500	2,000	4,000
<30	500	500	1,000	5,000	1,000	1,000
30–39	1,000	1,000	9,000	1,000	4,000	4,000
40–49	2,000	1,000	11,000	2,000	2,000	4,000
50–59	1,000	3,000	S	2,000	3,000	3,000
60+	4,000	5,000	S	6,000	S	7,000
Aerospace/aeronautical/astronautical engineers	3,000	3,000	S	4,000	4,000	9,000
<30	4,000	1,000	S	S	7,000	S
30–39	2,000	4,000	S	10,000	S	S
40–49	5,000	3,000	S	10,000	S	S
50–59	7,000	8,000	S	13,000	S	S
60+	11,000	12,000	S	S	S	S
Chemical engineers	1,000	2,000	S	3,000	S	2,000
<30	4,000	3,000	S	S	S	S
30–39	1,000	2,000	S	3,000	S	S
40–49	2,000	2,000	S	S	S	S
50–59	7,000	7,000	S	S	S	S
60+	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	3,000	S	4,000	3,000	4,000
<30	1,000	3,000	S	5,000	S	2,000
30–39	3,000	2,000	S	2,000	S	8,000
40–49	6,000	2,000	S	3,000	S	11,000
50–59	4,000	3,000	S	4,000	S	6,000
60+	8,000	13,000	S	9,000	S	S
Electrical/computer hardware engineers	2,000	2,000	S	2,000	4,000	2,000
<30	1,000	3,000	S	7,000	2,000	6,000
30–39	1,000	1,000	S	2,000	2,000	3,000
40–49	2,000	3,000	S	4,000	4,000	10,000
50–59	3,000	3,000	S	4,000	5,000	5,000
60+	11,000	11,000	S	22,000	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006
(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Industrial engineers	3,000	1,000	S	7,000	2,000	3,000
<30	6,000	5,000	S	6,000	S	S
30–39	6,000	5,000	S	8,000	S	S
40–49	4,000	4,000	S	3,000	S	S
50–59	5,000	S	S	S	S	S
60+	S	S	S	S	S	S
Mechanical engineers	2,000	2,000	S	1,000	2,000	5,000
<30	1,000	1,000	S	5,000	28,000	1,000
30–39	1,000	1,000	S	2,000	S	9,000
40–49	1,000	3,000	S	4,000	S	S
50–59	2,000	2,000	S	6,000	S	S
60+	12,000	18,000	S	13,000	S	S
Postsecondary teachers-engineering	6,000	5,000	4,000	S	S	S
<30	2,000	S	2,000	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other engineers	3,000	2,000	S	2,000	9,000	7,000
<30	2,000	3,000	S	2,000	S	8,000
30–39	4,000	3,000	S	6,000	S	2,000
40–49	2,000	3,000	S	4,000	S	4,000
50–59	3,000	4,000	S	5,000	S	8,000
60+	16,000	19,000	S	17,000	S	S
S&E-related occupations	1,000	1,000	500	3,000	3,000	1,000
<30	1,000	3,000	2,000	3,000	2,000	1,000
30–39	3,000	3,000	2,000	2,000	6,000	2,000
40–49	3,000	5,000	1,000	3,000	10,000	3,000
50–59	2,000	5,000	1,000	2,000	4,000	3,000
60+	4,000	5,000	1,000	4,000	S	3,000
Health-related occupations	3,000	2,000	1,000	1,000	7,000	3,000
<30	2,000	2,000	2,000	2,000	S	2,000
30–39	2,000	7,000	2,000	2,000	S	2,000
40–49	3,000	7,000	2,000	3,000	S	3,000
50–59	5,000	8,000	3,000	4,000	S	1,000
60+	2,000	S	3,000	11,000	S	1,000
S&E managers	2,000	2,000	S	2,000	8,000	8,000
<30	S	S	S	S	S	S
30–39	6,000	5,000	S	6,000	11,000	21,000
40–49	4,000	5,000	S	4,000	11,000	12,000
50–59	3,000	6,000	S	4,000	S	8,000
60+	2,000	S	S	11,000	S	S
S&E precollege teachers	500	2,000	500	1,000	2,000	3,000
<30	1,000	7,000	1,000	5,000	S	S
30–39	2,000	3,000	2,000	2,000	S	S
40–49	1,000	2,000	1,000	1,000	S	S
50–59	2,000	4,000	2,000	2,000	S	4,000
60+	3,000	S	3,000	24,000	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
S&E technicians/technologists	2,000	6,000	S	5,000	4,000	8,000
<30	1,000	8,000	S	S	S	S
30–39	6,000	9,000	S	9,000	7,000	8,000
40–49	6,000	8,000	S	13,000	13,000	S
50–59	6,000	12,000	S	12,000	7,000	S
60+	9,000	S	S	S	S	S
Other S&E-related occupations	4,000	5,000	S	6,000	S	3,000
<30	S	S	S	S	S	S
30–39	3,000	5,000	S	7,000	S	5,000
40–49	5,000	6,000	S	5,000	S	S
50–59	4,000	6,000	S	22,000	S	16,000
60+	13,000	S	S	S	S	S
Non-S&E occupations	1,000	4,000	1,000	2,000	4,000	2,000
<30	500	1,000	1,000	1,000	3,000	500
30–39	3,000	4,000	2,000	4,000	12,000	4,000
40–49	3,000	7,000	3,000	2,000	4,000	1,000
50–59	2,000	5,000	2,000	3,000	7,000	2,000
60+	3,000	8,000	6,000	3,000	13,000	4,000
Art/humanities/related occupations	4,000	9,000	S	3,000	S	9,000
<30	6,000	S	S	S	S	S
30–39	5,000	S	S	7,000	S	4,000
40–49	8,000	19,000	S	18,000	S	14,000
50–59	4,000	S	S	4,000	S	S
60+	7,000	S	S	S	S	5,000
Management-related occupations	3,000	4,000	16,000	3,000	11,000	5,000
<30	11,000	2,000	S	7,000	S	7,000
30–39	4,000	4,000	S	4,000	10,000	10,000
40–49	6,000	8,000	S	5,000	15,000	10,000
50–59	2,000	15,000	S	3,000	11,000	6,000
60+	2,000	27,000	S	1,000	S	8,000
Non-S&E managers	3,000	2,000	7,000	3,000	8,000	4,000
<30	35,000	S	S	35,000	S	S
30–39	3,000	15,000	S	3,000	S	3,000
40–49	6,000	15,000	S	7,000	S	8,000
50–59	2,000	7,000	1,000	2,000	S	9,000
60+	6,000	8,000	S	4,000	S	14,000
Non-S&E postsecondary teachers	1,000	11,000	1,000	3,000	S	3,000
<30	3,000	S	6,000	S	S	S
30–39	1,000	3,000	2,000	S	S	S
40–49	1,000	S	2,000	S	S	S
50–59	6,000	19,000	5,000	16,000	S	S
60+	21,000	S	20,000	S	S	S
Non-S&E precollege/other teachers	1,000	2,000	1,000	1,000	S	1,000
<30	1,000	2,000	1,000	2,000	S	S
30–39	2,000	5,000	2,000	3,000	S	6,000
40–49	3,000	2,000	3,000	3,000	S	1,000
50–59	2,000	5,000	2,000	2,000	S	5,000
60+	3,000	S	5,000	7,000	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Sales/marketing occupations	3,000	6,000	15,000	3,000	26,000	6,000
<30	9,000	15,000	S	8,000	S	S
30–39	4,000	5,000	S	4,000	S	20,000
40–49	5,000	14,000	S	5,000	S	33,000
50–59	8,000	54,000	S	8,000	S	18,000
60+	12,000	S	S	12,000	S	18,000
Social services/related occupations	500	1,000	3,000	2,000	S	500
<30	7,000	5,000	1,000	1,000	S	2,000
30–39	2,000	2,000	2,000	1,000	S	1,000
40–49	2,000	5,000	7,000	3,000	S	2,000
50–59	1,000	9,000	3,000	2,000	S	2,000
60+	5,000	S	S	5,000	S	5,000
Other non-S&E occupations	2,000	2,000	2,000	1,000	3,000	1,000
<30	2,000	6,000	8,000	2,000	S	2,000
30–39	3,000	3,000	8,000	6,000	S	5,000
40–49	3,000	10,000	5,000	5,000	S	6,000
50–59	3,000	9,000	8,000	2,000	S	4,000
60+	3,000	8,000	9,000	7,000	S	1,000
Doctorate degrees, all occupations	2,000	1,000	500	500	3,000	500
<30	3,000	3,000	3,000	10,000	24,000	4,000
30–39	2,000	1,000	1,000	3,000	1,000	2,000
40–49	2,000	1,000	1,000	2,000	3,000	2,000
50–59	2,000	2,000	2,000	3,000	4,000	4,000
60+	3,000	2,000	3,000	4,000	7,000	2,000
S&E occupations	1,000	1,000	1,000	500	3,000	2,000
<30	3,000	3,000	3,000	4,000	23,000	2,000
30–39	1,000	500	1,000	3,000	1,000	2,000
40–49	500	1,000	500	3,000	3,000	1,000
50–59	1,000	2,000	1,000	2,000	4,000	500
60+	1,000	1,000	3,000	3,000	6,000	4,000
Scientists	1,000	1,000	1,000	2,000	1,000	500
<30	1,000	1,000	4,000	6,000	23,000	1,000
30–39	2,000	500	500	3,000	1,000	3,000
40–49	1,000	500	1,000	1,000	3,000	2,000
50–59	2,000	1,000	500	2,000	2,000	2,000
60+	1,000	1,000	1,000	3,000	7,000	4,000
Biological/agricultural/other life scientists	500	2,000	2,000	1,000	7,000	2,000
<30	2,000	2,000	S	2,000	S	S
30–39	1,000	500	1,000	3,000	3,000	2,000
40–49	1,000	4,000	2,000	2,000	25,000	4,000
50–59	4,000	4,000	2,000	3,000	12,000	5,000
60+	3,000	3,000	5,000	5,000	S	3,000
Agricultural/food scientists	2,000	1,000	S	3,000	S	4,000
<30	S	S	S	S	S	S
30–39	5,000	4,000	S	3,000	S	S
40–49	6,000	7,000	S	5,000	S	16,000
50–59	5,000	7,000	S	6,000	S	10,000
60+	2,000	4,000	S	21,000	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Biological/medical scientists	3,000	3,000	3,000	1,000	8,000	5,000
<30	2,000	1,000	S	2,000	S	S
30–39	1,000	2,000	1,000	2,000	3,000	2,000
40–49	3,000	3,000	6,000	2,000	31,000	4,000
50–59	3,000	3,000	S	3,000	S	3,000
60+	7,000	8,000	S	2,000	S	12,000
Environmental life scientists	4,000	8,000	S	4,000	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	5,000	S	S	S	S	S
50–59	6,000	7,000	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	2,000	2,000	3,000	S	4,000
<30	S	S	S	S	S	S
30–39	3,000	500	3,000	3,000	S	3,000
40–49	2,000	3,000	2,000	6,000	S	9,000
50–59	1,000	5,000	2,000	4,000	S	8,000
60+	5,000	5,000	5,000	3,000	S	7,000
Computer/mathematical scientists	1,000	2,000	2,000	4,000	3,000	6,000
<30	1,000	10,000	27,000	S	8,000	S
30–39	1,000	1,000	2,000	4,000	4,000	11,000
40–49	2,000	5,000	5,000	1,000	2,000	6,000
50–59	2,000	3,000	3,000	4,000	5,000	13,000
60+	5,000	5,000	2,000	5,000	9,000	18,000
Computer/information scientists	2,000	1,000	S	4,000	1,000	5,000
<30	1,000	S	S	S	S	S
30–39	4,000	4,000	S	6,000	4,000	S
40–49	500	4,000	S	1,000	1,000	6,000
50–59	3,000	6,000	S	4,000	3,000	6,000
60+	8,000	21,000	S	18,000	10,000	6,000
Mathematical scientists	4,000	4,000	S	5,000	1,000	12,000
<30	16,000	9,000	S	S	S	S
30–39	5,000	5,000	S	9,000	8,000	S
40–49	9,000	13,000	S	4,000	11,000	S
50–59	10,000	6,000	S	16,000	19,000	S
60+	4,000	5,000	S	S	10,000	S
Postsecondary teachers-computer/mathematical sciences	2,000	3,000	2,000	5,000	6,000	1,000
<30	15,000	27,000	27,000	S	S	S
30–39	5,000	5,000	3,000	7,000	S	3,000
40–49	5,000	6,000	4,000	10,000	S	3,000
50–59	4,000	3,000	4,000	13,000	6,000	S
60+	4,000	7,000	4,000	4,000	S	S
Physical/related scientists	500	1,000	1,000	1,000	9,000	3,000
<30	3,000	5,000	S	S	S	S
30–39	2,000	3,000	1,000	3,000	4,000	4,000
40–49	2,000	3,000	1,000	4,000	3,000	8,000
50–59	2,000	3,000	2,000	6,000	10,000	3,000
60+	4,000	1,000	5,000	7,000	19,000	8,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

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

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-social/related sciences	1,000	1,000	2,000	3,000	S	3,000
<30	9,000	4,000	11,000	S	S	S
30–39	1,000	1,000	1,000	2,000	S	2,000
40–49	1,000	2,000	3,000	2,000	S	6,000
50–59	1,000	3,000	1,000	4,000	S	3,000
60+	3,000	3,000	2,000	11,000	S	5,000
Psychologists	2,000	4,000	6,000	3,000	S	2,000
<30	1,000	S	S	S	S	S
30–39	2,000	4,000	8,000	1,000	S	5,000
40–49	1,000	6,000	5,000	4,000	S	3,000
50–59	3,000	6,000	2,000	500	S	3,000
60+	3,000	8,000	11,000	5,000	S	5,000
Sociologists/anthropologists	5,000	5,000	S	6,000	S	13,000
<30	S	S	S	S	S	S
30–39	3,000	4,000	S	S	S	S
40–49	5,000	6,000	S	10,000	S	S
50–59	6,000	6,000	S	7,000	S	S
60+	9,000	11,000	S	S	S	S
Other social/related scientists	1,000	2,000	S	4,000	S	3,000
<30	S	S	S	S	S	S
30–39	6,000	8,000	S	2,000	S	S
40–49	8,000	6,000	S	5,000	S	S
50–59	1,000	6,000	S	5,000	S	3,000
60+	4,000	4,000	S	S	S	S
Engineers	2,000	500	2,000	1,000	5,000	4,000
<30	5,000	5,000	S	S	S	S
30–39	1,000	2,000	2,000	4,000	3,000	3,000
40–49	3,000	2,000	3,000	2,000	1,000	4,000
50–59	4,000	3,000	3,000	5,000	3,000	9,000
60+	1,000	1,000	3,000	9,000	8,000	11,000
Aerospace/aeronautical/astronautical engineers	5,000	4,000	S	5,000	11,000	15,000
<30	S	S	S	S	S	S
30–39	8,000	11,000	S	S	S	S
40–49	5,000	6,000	S	8,000	S	S
50–59	4,000	5,000	S	11,000	S	S
60+	10,000	15,000	S	S	S	S
Chemical engineers	1,000	2,000	S	7,000	15,000	8,000
<30	S	S	S	S	S	S
30–39	4,000	4,000	S	4,000	S	S
40–49	6,000	8,000	S	5,000	S	S
50–59	7,000	4,000	S	S	S	S
60+	11,000	11,000	S	S	S	S
Civil/architectural/sanitary engineers	4,000	4,000	S	8,000	7,000	3,000
<30	S	S	S	S	S	S
30–39	5,000	5,000	S	S	S	S
40–49	6,000	7,000	S	7,000	S	S
50–59	2,000	2,000	S	S	S	S
60+	13,000	19,000	S	6,000	S	S

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Electrical/computer hardware engineers	3,000	3,000	S	4,000	7,000	10,000
<30	24,000	25,000	S	S	S	S
30–39	1,000	1,000	S	5,000	2,000	8,000
40–49	4,000	4,000	S	5,000	2,000	14,000
50–59	6,000	4,000	S	4,000	S	17,000
60+	20,000	20,000	S	12,000	S	S
Industrial engineers	42,000	19,000	S	S	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Mechanical engineers	2,000	3,000	S	3,000	6,000	8,000
<30	S	S	S	S	S	S
30–39	2,000	3,000	S	7,000	S	S
40–49	2,000	2,000	S	2,000	S	S
50–59	8,000	7,000	S	11,000	S	S
60+	9,000	11,000	S	S	S	S
Postsecondary teachers-engineering	2,000	2,000	2,000	3,000	S	2,000
<30	S	S	S	S	S	S
30–39	2,000	1,000	1,000	2,000	S	S
40–49	3,000	3,000	3,000	4,000	S	S
50–59	4,000	3,000	3,000	9,000	S	S
60+	3,000	5,000	3,000	18,000	S	S
Other engineers	1,000	1,000	S	1,000	6,000	1,000
<30	3,000	3,000	S	S	S	S
30–39	3,000	5,000	S	3,000	15,000	3,000
40–49	4,000	4,000	S	1,000	8,000	7,000
50–59	7,000	5,000	S	10,000	S	10,000
60+	5,000	5,000	S	12,000	S	9,000
S&E-related occupations	3,000	1,000	3,000	4,000	7,000	6,000
<30	7,000	S	S	S	S	S
30–39	10,000	3,000	4,000	13,000	5,000	13,000
40–49	7,000	3,000	5,000	6,000	28,000	8,000
50–59	4,000	10,000	4,000	6,000	23,000	6,000
60+	6,000	7,000	14,000	10,000	10,000	10,000
Health-related occupations	3,000	4,000	3,000	5,000	7,000	7,000
<30	1,000	S	S	S	S	S
30–39	7,000	4,000	7,000	15,000	S	8,000
40–49	6,000	7,000	2,000	11,000	S	13,000
50–59	4,000	9,000	3,000	16,000	S	6,000
60+	6,000	8,000	7,000	4,000	S	7,000
S&E managers	5,000	4,000	S	5,000	6,000	15,000
<30	S	S	S	S	S	S
30–39	6,000	6,000	S	7,000	S	S
40–49	5,000	1,000	S	4,000	S	4,000
50–59	5,000	3,000	S	4,000	S	12,000
60+	6,000	8,000	S	4,000	S	7,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
S&E precollege teachers	8,000	S	9,000	15,000	S	23,000
<30	S	S	S	S	S	S
30–39	500	S	500	S	S	S
40–49	6,000	S	6,000	S	S	S
50–59	15,000	S	14,000	S	S	S
60+	2,000	S	7,000	S	S	S
S&E technicians/technologists	7,000	14,000	S	19,000	4,000	S
<30	S	S	S	S	S	S
30–39	15,000	29,000	S	S	S	S
40–49	19,000	S	S	S	14,000	S
50–59	5,000	2,000	S	S	11,000	S
60+	S	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Non-S&E occupations	3,000	6,000	1,000	4,000	29,000	2,000
<30	3,000	S	S	S	S	S
30–39	4,000	10,000	5,000	4,000	9,000	2,000
40–49	5,000	9,000	5,000	5,000	24,000	11,000
50–59	6,000	4,000	2,000	3,000	500	4,000
60+	8,000	10,000	3,000	8,000	S	1,000
Art/humanities/related occupations	9,000	5,000	S	2,000	S	6,000
<30	S	S	S	S	S	S
30–39	3,000	S	S	2,000	S	6,000
40–49	6,000	8,000	S	8,000	S	13,000
50–59	8,000	3,000	S	26,000	S	17,000
60+	27,000	55,000	S	17,000	S	33,000
Management-related occupations	6,000	3,000	25,000	7,000	3,000	6,000
<30	S	S	S	S	S	S
30–39	1,000	1,000	S	500	S	14,000
40–49	9,000	7,000	S	11,000	S	1,000
50–59	7,000	19,000	S	11,000	S	18,000
60+	11,000	7,000	S	24,000	S	1,000
Non-S&E managers	4,000	8,000	12,000	5,000	1,000	15,000
<30	S	S	S	S	S	S
30–39	5,000	13,000	S	5,000	S	S
40–49	14,000	10,000	S	14,000	S	11,000
50–59	9,000	13,000	28,000	8,000	S	28,000
60+	5,000	26,000	S	5,000	S	21,000
Non-S&E postsecondary teachers	3,000	4,000	2,000	3,000	S	5,000
<30	S	S	S	S	S	S
30–39	4,000	7,000	4,000	4,000	S	S
40–49	2,000	7,000	5,000	5,000	S	3,000
50–59	7,000	6,000	4,000	11,000	S	35,000
60+	6,000	8,000	6,000	16,000	S	3,000

TABLE A-27. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

(Dollars)

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Non-S&E precollege/other teachers	16,000	S	17,000	6,000	S	S
<30	S	S	S	S	S	S
30–39	S	S	S	S	S	S
40–49	S	S	S	S	S	S
50–59	11,000	S	17,000	S	S	S
60+	S	S	S	S	S	S
Sales/marketing occupations	10,000	7,000	S	12,000	S	38,000
<30	S	S	S	S	S	S
30–39	10,000	S	S	11,000	S	S
40–49	28,000	24,000	S	26,000	S	S
50–59	12,000	11,000	S	11,000	S	69,000
60+	33,000	S	S	21,000	S	24,000
Social services/related occupations	8,000	5,000	4,000	4,000	S	7,000
<30	S	S	S	S	S	S
30–39	3,000	S	S	S	S	2,000
40–49	2,000	S	S	5,000	S	1,000
50–59	6,000	S	S	10,000	S	6,000
60+	15,000	S	S	15,000	S	13,000
Other non-S&E occupations	4,000	5,000	32,000	5,000	S	11,000
<30	S	S	S	S	S	S
30–39	6,000	S	S	23,000	S	11,000
40–49	6,000	2,000	20,000	17,000	S	23,000
50–59	2,000	24,000	8,000	18,000	S	19,000
60+	24,000	9,000	S	9,000	S	11,000

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. 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.

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
All degrees and occupations[a]	500	500	1,000	500	500	1,000	500	1,000	500
Male	1,000	500	3,000	500	1,000	1,000	1,000	1,000	1,000
Female	500	2,000	1,000	1,000	2,000	2,000	2,000	500	2,000
S&E occupations	500	1,000	1,000	1,000	1,000	1,000	2,000	500	1,000
Male	1,000	500	500	1,000	500	500	2,000	2,000	3,000
Female	500	500	1,000	2,000	1,000	2,000	3,000	5,000	6,000
Scientists	500	500	1,000	500	2,000	2,000	2,000	2,000	1,000
Male	500	3,000	2,000	1,000	2,000	3,000	2,000	1,000	3,000
Female	1,000	1,000	3,000	2,000	2,000	2,000	3,000	4,000	6,000
Biological/agricultural/other life scientists	1,000	500	3,000	2,000	4,000	5,000	2,000	2,000	7,000
Male	1,000	4,000	2,000	3,000	4,000	7,000	1,000	2,000	6,000
Female	3,000	1,000	3,000	5,000	6,000	9,000	6,000	10,000	11,000
Agricultural/food scientists	5,000	1,000	6,000	2,000	4,000	7,000	13,000	14,000	16,000
Male	3,000	1,000	6,000	3,000	4,000	4,000	29,000	18,000	21,000
Female	2,000	16,000	10,000	S	18,000	5,000	S	S	S
Biological/medical scientists	1,000	500	4,000	2,000	3,000	5,000	5,000	5,000	14,000
Male	4,000	1,000	5,000	4,000	6,000	7,000	8,000	10,000	19,000
Female	1,000	1,000	4,000	3,000	8,000	10,000	8,000	9,000	12,000
Environmental life scientists	4,000	4,000	4,000	8,000	14,000	4,000	6,000	4,000	S
Male	3,000	4,000	4,000	S	S	7,000	6,000	4,000	S
Female	9,000	9,000	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	3,000	5,000	5,000	6,000	10,000	2,000	6,000	5,000
Male	4,000	4,000	4,000	3,000	7,000	11,000	2,000	9,000	7,000
Female	4,000	9,000	18,000	9,000	24,000	1,000	16,000	15,000	S
Computer/mathematical scientists	500	2,000	500	1,000	1,000	2,000	1,000	3,000	3,000
Male	1,000	2,000	2,000	1,000	2,000	2,000	2,000	3,000	5,000
Female	1,000	1,000	3,000	2,000	2,000	4,000	3,000	4,000	8,000
Computer/information scientists	1,000	500	2,000	500	1,000	2,000	3,000	3,000	4,000
Male	500	500	2,000	2,000	3,000	2,000	3,000	3,000	6,000
Female	1,000	2,000	2,000	3,000	2,000	4,000	3,000	4,000	10,000
Mathematical scientists	3,000	1,000	10,000	3,000	7,000	14,000	8,000	20,000	23,000
Male	2,000	2,000	14,000	8,000	3,000	22,000	21,000	20,000	46,000
Female	7,000	5,000	16,000	6,000	16,000	23,000	S	S	S
Postsecondary teachers-computer/ mathematical sciences	2,000	11,000	5,000	7,000	10,000	7,000	4,000	9,000	10,000
Male	2,000	12,000	10,000	4,000	9,000	8,000	6,000	6,000	13,000
Female	2,000	20,000	4,000	2,000	6,000	10,000	9,000	14,000	S
Physical/related scientists	1,000	1,000	4,000	4,000	4,000	5,000	5,000	4,000	3,000
Male	1,000	2,000	1,000	3,000	4,000	6,000	7,000	6,000	6,000
Female	500	1,000	3,000	4,000	4,000	4,000	2,000	12,000	15,000
Chemists, except biochemists	3,000	4,000	2,000	3,000	6,000	8,000	4,000	5,000	5,000
Male	2,000	3,000	7,000	6,000	7,000	11,000	6,000	6,000	8,000
Female	4,000	6,000	2,000	11,000	3,000	9,000	15,000	11,000	S
Earth/atmospheric/ocean scientists	2,000	500	1,000	1,000	6,000	10,000	11,000	21,000	24,000
Male	3,000	3,000	1,000	2,000	6,000	8,000	12,000	22,000	32,000
Female	4,000	4,000	2,000	4,000	S	S	S	S	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Physicists/astronomers	8,000	4,000	5,000	21,000	19,000	1,000	10,000	12,000	13,000
Male	6,000	2,000	8,000	29,000	15,000	2,000	9,000	12,000	13,000
Female	2,000	14,000	11,000	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	2,000	4,000	3,000	2,000	3,000	7,000	19,000	4,000	3,000
Male	2,000	500	3,000	2,000	6,000	6,000	7,000	5,000	2,000
Female	4,000	2,000	3,000	3,000	7,000	14,000	S	S	S
Other physical/related scientists	3,000	1,000	3,000	7,000	8,000	13,000	4,000	S	S
Male	3,000	1,000	6,000	4,000	8,000	14,000	S	S	S
Female	1,000	5,000	7,000	S	S	S	S	S	S
Social/related scientists	1,000	1,000	5,000	1,000	5,000	3,000	4,000	5,000	8,000
Male	2,000	4,000	3,000	4,000	9,000	11,000	3,000	5,000	9,000
Female	500	500	4,000	5,000	7,000	3,000	6,000	7,000	12,000
Economists	6,000	3,000	7,000	17,000	11,000	105,000	30,000	5,000	17,000
Male	7,000	8,000	17,000	31,000	6,000	152,000	35,000	6,000	S
Female	9,000	2,000	26,000	35,000	S	S	S	S	S
Political/related scientists	7,000	12,000	6,000	S	S	S	S	S	S
Male	20,000	4,000	S	S	S	S	S	S	S
Female	2,000	9,000	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	1,000	8,000	3,000	3,000	5,000	5,000	2,000	8,000	11,000
Male	3,000	4,000	3,000	1,000	5,000	9,000	4,000	9,000	6,000
Female	2,000	2,000	4,000	13,000	7,000	1,000	1,000	17,000	12,000
Psychologists	2,000	2,000	2,000	2,000	7,000	5,000	4,000	6,000	12,000
Male	3,000	12,000	8,000	4,000	13,000	7,000	4,000	4,000	15,000
Female	1,000	1,000	2,000	6,000	9,000	6,000	7,000	7,000	10,000
Sociologists/anthropologists	3,000	3,000	4,000	17,000	1,000	4,000	37,000	S	S
Male	6,000	2,000	6,000	S	1,000	S	S	S	S
Female	5,000	2,000	8,000	S	S	S	S	S	S
Other social/related scientists	3,000	2,000	2,000	3,000	3,000	22,000	14,000	15,000	24,000
Male	4,000	5,000	7,000	3,000	7,000	28,000	20,000	19,000	S
Female	7,000	4,000	3,000	6,000	6,000	27,000	21,000	S	S
Engineers	1,000	2,000	1,000	2,000	2,000	500	2,000	2,000	3,000
Male	500	500	1,000	1,000	2,000	1,000	2,000	2,000	3,000
Female	1,000	3,000	1,000	2,000	10,000	6,000	8,000	6,000	S
Aerospace/aeronautical/astronautical engineers	2,000	5,000	4,000	6,000	4,000	3,000	6,000	8,000	7,000
Male	3,000	8,000	4,000	5,000	6,000	3,000	6,000	8,000	7,000
Female	7,000	2,000	9,000	S	S	S	S	S	S
Chemical engineers	1,000	1,000	4,000	2,000	9,000	6,000	5,000	5,000	9,000
Male	1,000	1,000	3,000	3,000	8,000	3,000	4,000	5,000	9,000
Female	5,000	8,000	3,000	2,000	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	500	1,000	3,000	2,000	4,000	5,000	4,000	3,000
Male	2,000	500	1,000	4,000	3,000	3,000	3,000	3,000	3,000
Female	2,000	500	2,000	6,000	7,000	5,000	S	S	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Electrical/computer hardware engineers	3,000	1,000	1,000	2,000	1,000	3,000	3,000	4,000	6,000
Male	1,000	3,000	1,000	2,000	1,000	3,000	3,000	4,000	6,000
Female	5,000	500	5,000	8,000	9,000	28,000	S	S	S
Industrial engineers	2,000	5,000	1,000	3,000	5,000	4,000	5,000	9,000	5,000
Male	1,000	3,000	500	4,000	4,000	4,000	4,000	11,000	5,000
Female	2,000	4,000	5,000	S	S	S	S	S	S
Mechanical engineers	1,000	1,000	2,000	1,000	3,000	2,000	4,000	2,000	6,000
Male	1,000	1,000	1,000	1,000	3,000	2,000	3,000	2,000	6,000
Female	2,000	1,000	3,000	3,000	S	S	S	S	S
Postsecondary teachers-engineering	5,000	3,000	3,000	10,000	14,000	6,000	8,000	9,000	3,000
Male	3,000	7,000	2,000	11,000	14,000	7,000	9,000	9,000	3,000
Female	7,000	3,000	4,000	6,000	S	S	S	S	S
Other engineers	2,000	1,000	2,000	5,000	2,000	2,000	6,000	5,000	6,000
Male	1,000	3,000	3,000	5,000	2,000	4,000	6,000	4,000	6,000
Female	2,000	3,000	7,000	6,000	5,000	18,000	21,000	S	S
S&E-related occupations	500	500	1,000	1,000	3,000	2,000	2,000	2,000	3,000
Male	500	1,000	3,000	3,000	4,000	4,000	3,000	5,000	1,000
Female	500	500	500	2,000	1,000	2,000	2,000	2,000	2,000
Health-related occupations	500	1,000	2,000	2,000	3,000	3,000	3,000	3,000	3,000
Male	500	1,000	7,000	4,000	9,000	13,000	9,000	4,000	1,000
Female	500	1,000	1,000	1,000	500	2,000	2,000	2,000	3,000
S&E managers	2,000	3,000	2,000	3,000	5,000	4,000	4,000	9,000	10,000
Male	2,000	7,000	7,000	4,000	5,000	4,000	6,000	5,000	8,000
Female	5,000	10,000	2,000	11,000	9,000	7,000	15,000	16,000	S
S&E precollege teachers	1,000	500	2,000	1,000	2,000	2,000	1,000	2,000	3,000
Male	1,000	2,000	3,000	1,000	2,000	3,000	4,000	3,000	2,000
Female	1,000	5,000	2,000	2,000	4,000	1,000	2,000	2,000	3,000
S&E technicians/technologists	2,000	1,000	2,000	1,000	4,000	3,000	7,000	5,000	4,000
Male	1,000	6,000	3,000	3,000	4,000	3,000	8,000	8,000	3,000
Female	2,000	1,000	9,000	4,000	4,000	9,000	12,000	9,000	9,000
Other S&E-related occupations	2,000	2,000	2,000	3,000	3,000	8,000	5,000	5,000	7,000
Male	3,000	9,000	5,000	3,000	4,000	7,000	5,000	6,000	10,000
Female	4,000	2,000	1,000	6,000	S	7,000	S	S	S
Non-S&E occupations	1,000	500	1,000	2,000	500	2,000	1,000	1,000	2,000
Male	1,000	1,000	3,000	1,000	2,000	2,000	3,000	3,000	4,000
Female	500	1,000	1,000	1,000	3,000	2,000	3,000	3,000	2,000
Art/humanities/related occupations	3,000	6,000	5,000	5,000	6,000	11,000	15,000	4,000	5,000
Male	4,000	5,000	3,000	3,000	11,000	21,000	8,000	7,000	4,000
Female	3,000	11,000	4,000	4,000	10,000	15,000	26,000	9,000	17,000
Management-related occupations	1,000	1,000	3,000	4,000	3,000	3,000	6,000	4,000	4,000
Male	3,000	2,000	6,000	5,000	4,000	3,000	7,000	4,000	5,000
Female	2,000	1,000	6,000	3,000	4,000	5,000	10,000	16,000	4,000
Non-S&E managers	3,000	3,000	4,000	5,000	4,000	5,000	6,000	6,000	7,000
Male	1,000	4,000	1,000	4,000	8,000	6,000	6,000	6,000	4,000
Female	2,000	5,000	8,000	2,000	8,000	12,000	8,000	21,000	9,000

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E postsecondary teachers	3,000	5,000	4,000	4,000	7,000	12,000	14,000	4,000	13,000
Male	2,000	1,000	7,000	7,000	16,000	16,000	28,000	6,000	14,000
Female	4,000	7,000	4,000	2,000	10,000	20,000	12,000	4,000	S
Non-S&E precollege/other teachers	1,000	1,000	2,000	1,000	3,000	3,000	4,000	2,000	9,000
Male	2,000	1,000	6,000	3,000	4,000	8,000	7,000	6,000	11,000
Female	1,000	1,000	2,000	3,000	2,000	4,000	3,000	8,000	11,000
Sales/marketing occupations	4,000	1,000	3,000	5,000	3,000	4,000	6,000	5,000	4,000
Male	1,000	2,000	5,000	2,000	7,000	4,000	5,000	4,000	5,000
Female	2,000	1,000	3,000	3,000	6,000	10,000	6,000	13,000	7,000
Social services/related occupations	2,000	2,000	1,000	1,000	2,000	4,000	3,000	2,000	7,000
Male	1,000	1,000	2,000	5,000	5,000	7,000	3,000	6,000	6,000
Female	1,000	1,000	1,000	3,000	2,000	2,000	4,000	1,000	10,000
Other non-S&E occupations	1,000	1,000	2,000	2,000	3,000	2,000	2,000	2,000	3,000
Male	500	1,000	3,000	1,000	3,000	5,000	2,000	2,000	4,000
Female	2,000	500	1,000	3,000	2,000	4,000	2,000	4,000	2,000
Bachelor's degrees, all occupations	500	500	500	2,000	1,000	1,000	1,000	1,000	2,000
Male	500	500	1,000	2,000	1,000	500	2,000	3,000	2,000
Female	500	500	500	1,000	2,000	1,000	2,000	2,000	2,000
S&E occupations	500	4,000	1,000	1,000	2,000	2,000	500	2,000	2,000
Male	2,000	2,000	1,000	1,000	2,000	1,000	1,000	2,000	3,000
Female	1,000	3,000	2,000	2,000	2,000	3,000	4,000	4,000	8,000
Scientists	1,000	1,000	1,000	1,000	2,000	1,000	2,000	2,000	2,000
Male	1,000	1,000	2,000	3,000	2,000	3,000	1,000	3,000	4,000
Female	3,000	2,000	3,000	2,000	2,000	4,000	4,000	5,000	8,000
Biological/agricultural/other life scientists	2,000	500	3,000	6,000	5,000	6,000	6,000	11,000	5,000
Male	1,000	500	3,000	4,000	7,000	7,000	10,000	8,000	6,000
Female	1,000	3,000	9,000	16,000	7,000	10,000	13,000	18,000	S
Agricultural/food scientists	3,000	4,000	S	S	S	S	7,000	S	S
Male	6,000	1,000	S	S	S	S	S	S	S
Female	4,000	S	S	S	S	S	S	S	S
Biological/medical scientists	2,000	500	4,000	7,000	5,000	17,000	11,000	14,000	4,000
Male	3,000	500	4,000	6,000	7,000	17,000	5,000	S	S
Female	1,000	500	10,000	15,000	7,000	20,000	8,000	S	S
Environmental life scientists	6,000	2,000	S	S	S	S	S	S	S
Male	6,000	7,000	S	S	S	S	S	S	S
Female	12,000	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	1,000	S	S	S	S	S	S	S
Male	4,000	S	S	S	S	S	S	S	S
Female	4,000	S	S	S	S	S	S	S	S
Computer/mathematical scientists	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,000	4,000
Male	500	1,000	3,000	1,000	2,000	1,000	3,000	2,000	6,000
Female	1,000	2,000	3,000	4,000	2,000	4,000	4,000	5,000	10,000
Computer/information scientists	1,000	4,000	2,000	1,000	2,000	1,000	1,000	2,000	4,000
Male	500	1,000	2,000	1,000	2,000	1,000	3,000	2,000	6,000
Female	3,000	2,000	3,000	4,000	3,000	3,000	4,000	6,000	10,000

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Mathematical scientists	8,000	1,000	4,000	S	S	S	S	S	S
Male	19,000	1,000	S	S	S	S	S	S	S
Female	8,000	6,000	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	7,000	2,000	S	S	S	S	S	S	S
Male	4,000	1,000	S	S	S	S	S	S	S
Female	7,000	1,000	S	S	S	S	S	S	S
Physical/related scientists	3,000	500	1,000	3,000	2,000	2,000	6,000	15,000	5,000
Male	1,000	2,000	2,000	2,000	3,000	2,000	5,000	18,000	6,000
Female	2,000	500	4,000	2,000	4,000	5,000	1,000	S	S
Chemists, except biochemists	2,000	2,000	2,000	8,000	7,000	8,000	6,000	14,000	6,000
Male	3,000	3,000	2,000	6,000	9,000	9,000	8,000	13,000	5,000
Female	3,000	2,000	5,000	5,000	S	S	S	S	S
Earth/atmospheric/ocean scientists	1,000	2,000	4,000	2,000	5,000	11,000	7,000	S	S
Male	2,000	3,000	500	2,000	7,000	S	13,000	S	S
Female	3,000	5,000	S	S	S	S	S	S	S
Physicists/astronomers	2,000	1,000	S	S	S	S	S	S	S
Male	3,000	1,000	S	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	2,000	2,000	S	S	S	S	S	S	S
Male	2,000	3,000	S	S	S	S	S	S	S
Female	4,000	2,000	S	S	S	S	S	S	S
Other physical/related scientists	4,000	6,000	S	S	S	S	S	S	S
Male	3,000	2,000	S	S	S	S	S	S	S
Female	2,000	S	S	S	S	S	S	S	S
Social/related scientists	2,000	3,000	3,000	4,000	13,000	17,000	12,000	S	S
Male	6,000	3,000	10,000	S	S	S	S	S	S
Female	5,000	2,000	6,000	19,000	S	S	S	S	S
Economists	7,000	2,000	S	S	S	S	S	S	S
Male	12,000	S	S	S	S	S	S	S	S
Female	9,000	S	S	S	S	S	S	S	S
Political/related scientists	4,000	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	1,000	4,000	S	S	S	S	S	S	S
Male	14,000	S	S	S	S	S	S	S	S
Female	1,000	S	S	S	S	S	S	S	S
Psychologists	4,000	2,000	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	7,000	1,000	S	S	S	S	S	S	S
Sociologists/anthropologists	6,000	2,000	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other social/related scientists	3,000	4,000	13,000	2,000	S	S	S	S	S
Male	2,000	5,000	S	S	S	S	S	S	S
Female	8,000	12,000	S	S	S	S	S	S	S
Engineers	1,000	2,000	1,000	2,000	2,000	1,000	1,000	3,000	3,000
Male	500	3,000	1,000	1,000	3,000	1,000	1,000	3,000	3,000
Female	1,000	500	1,000	4,000	6,000	6,000	7,000	S	S
Aerospace/aeronautical/astronautical engineers	2,000	1,000	2,000	5,000	6,000	4,000	7,000	15,000	8,000
Male	3,000	1,000	2,000	6,000	7,000	4,000	6,000	15,000	8,000
Female	6,000	3,000	S	S	S	S	S	S	S
Chemical engineers	4,000	500	1,000	3,000	8,000	9,000	4,000	7,000	S
Male	3,000	3,000	1,000	6,000	9,000	3,000	4,000	7,000	S
Female	4,000	1,000	5,000	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	1,000	1,000	2,000	2,000	3,000	6,000	4,000	3,000
Male	1,000	2,000	1,000	2,000	4,000	4,000	6,000	3,000	3,000
Female	3,000	1,000	3,000	2,000	S	S	S	S	S
Electrical/computer hardware engineers	1,000	1,000	1,000	4,000	1,000	4,000	4,000	7,000	6,000
Male	1,000	500	1,000	4,000	2,000	3,000	4,000	6,000	6,000
Female	3,000	500	2,000	S	13,000	33,000	S	S	S
Industrial engineers	1,000	3,000	1,000	4,000	6,000	7,000	5,000	9,000	S
Male	3,000	3,000	2,000	4,000	10,000	7,000	5,000	10,000	S
Female	2,000	1,000	S	S	S	S	S	S	S
Mechanical engineers	500	500	2,000	2,000	5,000	2,000	4,000	3,000	9,000
Male	1,000	500	2,000	1,000	5,000	1,000	4,000	2,000	9,000
Female	3,000	1,000	2,000	S	S	S	S	S	S
Postsecondary teachers-engineering	14,000	500	S	S	S	S	S	S	S
Male	12,000	500	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other engineers	2,000	500	6,000	4,000	4,000	5,000	8,000	8,000	6,000
Male	1,000	1,000	5,000	4,000	3,000	4,000	8,000	8,000	6,000
Female	2,000	4,000	4,000	10,000	11,000	18,000	S	S	S
S&E-related occupations	500	500	2,000	500	3,000	2,000	1,000	2,000	2,000
Male	1,000	500	2,000	4,000	2,000	1,000	2,000	3,000	4,000
Female	1,000	500	1,000	1,000	2,000	500	2,000	1,000	3,000
Health-related occupations	500	500	2,000	1,000	1,000	500	2,000	3,000	4,000
Male	2,000	4,000	2,000	3,000	4,000	4,000	6,000	7,000	7,000
Female	1,000	1,000	4,000	1,000	2,000	1,000	3,000	1,000	3,000
S&E managers	1,000	5,000	6,000	5,000	4,000	6,000	3,000	5,000	13,000
Male	3,000	15,000	7,000	5,000	5,000	5,000	6,000	10,000	13,000
Female	4,000	S	S	S	7,000	6,000	25,000	S	S
S&E precollege teachers	1,000	1,000	1,000	1,000	1,000	3,000	3,000	2,000	3,000
Male	1,000	1,000	3,000	4,000	1,000	S	5,000	4,000	4,000
Female	1,000	3,000	1,000	3,000	3,000	3,000	5,000	3,000	4,000
S&E technicians/technologists	1,000	2,000	3,000	3,000	5,000	5,000	7,000	7,000	4,000
Male	3,000	1,000	2,000	3,000	5,000	4,000	8,000	8,000	3,000
Female	2,000	1,000	8,000	6,000	4,000	9,000	13,000	12,000	7,000

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other S&E-related occupations	3,000	3,000	3,000	8,000	4,000	4,000	5,000	5,000	6,000
Male	3,000	7,000	9,000	6,000	3,000	9,000	5,000	6,000	8,000
Female	5,000	S	S	5,000	S	S	S	S	S
Non-S&E occupations	500	500	1,000	1,000	2,000	4,000	3,000	2,000	2,000
Male	2,000	500	4,000	1,000	2,000	2,000	4,000	3,000	5,000
Female	1,000	500	2,000	2,000	2,000	1,000	1,000	1,000	2,000
Art/humanities/related occupations	3,000	2,000	7,000	6,000	3,000	19,000	22,000	2,000	5,000
Male	4,000	5,000	S	S	S	S	S	S	S
Female	12,000	1,000	19,000	10,000	S	S	S	S	S
Management-related occupations	500	2,000	2,000	5,000	4,000	3,000	5,000	5,000	5,000
Male	1,000	2,000	4,000	2,000	3,000	2,000	8,000	5,000	5,000
Female	1,000	1,000	2,000	2,000	7,000	5,000	7,000	16,000	5,000
Non-S&E managers	500	2,000	7,000	6,000	4,000	8,000	9,000	6,000	12,000
Male	6,000	3,000	13,000	6,000	2,000	3,000	9,000	6,000	7,000
Female	4,000	7,000	S	4,000	8,000	8,000	14,000	S	S
Non-S&E postsecondary teachers	3,000	500	1,000	S	S	S	S	S	S
Male	3,000	1,000	S	S	S	S	S	S	S
Female	3,000	3,000	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	1,000	3,000	4,000	6,000	4,000	4,000	7,000	7,000	9,000
Male	1,000	7,000	3,000	2,000	S	S	S	S	S
Female	2,000	2,000	5,000	6,000	5,000	5,000	6,000	9,000	10,000
Sales/marketing occupations	2,000	2,000	5,000	5,000	5,000	5,000	7,000	10,000	4,000
Male	2,000	1,000	4,000	2,000	8,000	5,000	5,000	6,000	4,000
Female	1,000	500	3,000	5,000	8,000	14,000	6,000	10,000	6,000
Social services/related occupations	1,000	1,000	2,000	2,000	4,000	6,000	3,000	3,000	S
Male	1,000	500	3,000	S	S	S	S	S	S
Female	3,000	500	1,000	2,000	4,000	4,000	3,000	2,000	S
Other non-S&E occupations	500	1,000	1,000	1,000	2,000	2,000	2,000	1,000	1,000
Male	1,000	500	3,000	2,000	5,000	2,000	3,000	3,000	3,000
Female	1,000	1,000	1,000	2,000	3,000	4,000	2,000	2,000	2,000
Master's degrees, all occupations	1,000	500	1,000	500	2,000	3,000	2,000	1,000	5,000
Male	1,000	3,000	2,000	1,000	3,000	2,000	2,000	2,000	5,000
Female	2,000	500	1,000	1,000	2,000	1,000	2,000	3,000	6,000
S&E occupations	1,000	3,000	2,000	1,000	3,000	2,000	3,000	2,000	4,000
Male	1,000	500	2,000	500	2,000	3,000	3,000	3,000	6,000
Female	1,000	4,000	1,000	3,000	2,000	3,000	5,000	8,000	6,000
Scientists	1,000	2,000	1,000	2,000	1,000	4,000	3,000	3,000	7,000
Male	500	500	3,000	1,000	3,000	3,000	2,000	5,000	9,000
Female	2,000	500	4,000	4,000	2,000	3,000	4,000	8,000	6,000
Biological/agricultural/other life scientists	1,000	3,000	3,000	8,000	4,000	2,000	6,000	5,000	S
Male	1,000	3,000	5,000	9,000	7,000	1,000	6,000	5,000	S
Female	1,000	2,000	5,000	9,000	8,000	15,000	S	S	S
Agricultural/food scientists	5,000	9,000	S	S	S	S	S	S	S
Male	5,000	14,000	S	S	S	S	S	S	S
Female	9,000	S	S	S	S	S	S	S	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Biological/medical scientists	2,000	1,000	5,000	7,000	7,000	12,000	6,000	18,000	S
Male	3,000	2,000	3,000	7,000	10,000	S	S	S	S
Female	2,000	3,000	6,000	8,000	6,000	17,000	S	S	S
Environmental life scientists	3,000	S	S	S	S	S	S	S	S
Male	2,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	3,000	17,000	S	S	S	S	S	S	S
Male	2,000	12,000	S	S	S	S	S	S	S
Female	2,000	9,000	S	S	S	S	S	S	S
Computer/mathematical scientists	2,000	2,000	2,000	500	3,000	4,000	4,000	5,000	13,000
Male	2,000	1,000	2,000	3,000	4,000	2,000	5,000	6,000	14,000
Female	1,000	2,000	3,000	4,000	3,000	8,000	5,000	5,000	S
Computer/information scientists	1,000	1,000	3,000	1,000	2,000	3,000	4,000	5,000	8,000
Male	500	1,000	1,000	1,000	4,000	2,000	3,000	6,000	10,000
Female	1,000	2,000	3,000	3,000	7,000	7,000	6,000	5,000	S
Mathematical scientists	6,000	12,000	7,000	4,000	13,000	S	S	S	S
Male	3,000	8,000	12,000	S	S	S	S	S	S
Female	11,000	11,000	17,000	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	2,000	4,000	2,000	2,000	10,000	4,000	3,000	9,000	11,000
Male	3,000	7,000	7,000	S	S	S	S	S	S
Female	1,000	9,000	4,000	1,000	S	S	S	S	S
Physical/related scientists	2,000	6,000	3,000	7,000	7,000	10,000	8,000	4,000	17,000
Male	4,000	4,000	5,000	7,000	6,000	9,000	4,000	3,000	22,000
Female	3,000	10,000	7,000	15,000	7,000	S	S	S	S
Chemists, except biochemists	3,000	8,000	9,000	12,000	S	S	S	S	S
Male	2,000	9,000	S	S	S	S	S	S	S
Female	6,000	14,000	3,000	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	5,000	2,000	4,000	S	2,000	13,000	25,000	S	S
Male	5,000	2,000	10,000	S	S	13,000	S	S	S
Female	9,000	9,000	S	S	S	S	S	S	S
Physicists/astronomers	13,000	500	S	S	S	S	S	S	S
Male	17,000	500	S	S	S	S	S	S	S
Female	13,000	2,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	3,000	1,000	S	S	S	S	S	S	S
Male	15,000	1,000	S	S	S	S	S	S	S
Female	2,000	7,000	S	S	S	S	S	S	S
Other physical/related scientists	10,000	7,000	S	S	S	S	S	S	S
Male	7,000	S	S	S	S	S	S	S	S
Female	5,000	S	S	S	S	S	S	S	S
Social/related scientists	2,000	5,000	1,000	3,000	8,000	5,000	7,000	6,000	9,000
Male	3,000	3,000	7,000	14,000	12,000	24,000	9,000	7,000	15,000
Female	3,000	14,000	5,000	6,000	11,000	8,000	7,000	6,000	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Economists	12,000	2,000	S	S	S	S	S	S	S
Male	9,000	S	S	S	S	S	S	S	S
Female	20,000	S	S	S	S	S	S	S	S
Political/related scientists	8,000	1,000	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	13,000	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	5,000	2,000	11,000	S	S	S	S	S	S
Male	7,000	4,000	S	S	S	S	S	S	S
Female	4,000	1,000	13,000	S	S	S	S	S	S
Psychologists	1,000	5,000	3,000	7,000	13,000	11,000	5,000	7,000	S
Male	3,000	10,000	S	S	S	S	9,000	S	S
Female	3,000	4,000	3,000	6,000	12,000	5,000	4,000	12,000	S
Sociologists/anthropologists	3,000	9,000	S	S	S	S	S	S	S
Male	5,000	S	S	S	S	S	S	S	S
Female	8,000	S	S	S	S	S	S	S	S
Other social/related scientists	6,000	2,000	6,000	S	S	S	S	S	S
Male	11,000	5,000	S	S	S	S	S	S	S
Female	12,000	7,000	2,000	S	S	S	S	S	S
Engineers	1,000	4,000	2,000	1,000	2,000	1,000	4,000	3,000	6,000
Male	1,000	500	1,000	1,000	2,000	2,000	4,000	3,000	5,000
Female	2,000	1,000	4,000	7,000	7,000	12,000	S	S	S
Aerospace/aeronautical/astronautical engineers	3,000	5,000	3,000	6,000	7,000	9,000	12,000	S	S
Male	3,000	5,000	2,000	4,000	6,000	9,000	S	S	S
Female	14,000	5,000	S	S	S	S	S	S	S
Chemical engineers	1,000	4,000	2,000	S	10,000	S	S	S	S
Male	1,000	4,000	S	S	S	S	S	S	S
Female	4,000	2,000	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	3,000	3,000	3,000	6,000	7,000	3,000	10,000	11,000
Male	1,000	4,000	3,000	4,000	6,000	3,000	6,000	10,000	12,000
Female	3,000	2,000	5,000	S	S	S	S	S	S
Electrical/computer hardware engineers	2,000	1,000	1,000	1,000	4,000	7,000	6,000	15,000	8,000
Male	2,000	1,000	2,000	1,000	3,000	7,000	7,000	17,000	12,000
Female	4,000	4,000	1,000	S	S	S	S	S	S
Industrial engineers	3,000	4,000	5,000	S	S	S	S	S	S
Male	2,000	3,000	5,000	S	S	S	S	S	S
Female	4,000	8,000	S	S	S	S	S	S	S
Mechanical engineers	2,000	2,000	3,000	4,000	3,000	8,000	11,000	7,000	9,000
Male	2,000	4,000	4,000	3,000	3,000	11,000	12,000	7,000	9,000
Female	8,000	2,000	6,000	S	S	S	S	S	S
Postsecondary teachers-engineering	6,000	1,000	S	S	S	S	S	S	S
Male	5,000	3,000	S	S	S	S	S	S	S
Female	11,000	S	S	S	S	S	S	S	S
Other engineers	3,000	4,000	6,000	4,000	2,000	14,000	5,000	9,000	34,000
Male	2,000	3,000	5,000	5,000	1,000	10,000	5,000	9,000	37,000
Female	2,000	2,000	3,000	13,000	S	S	S	S	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
S&E-related occupations	1,000	2,000	2,000	3,000	3,000	4,000	2,000	3,000	8,000
Male	2,000	4,000	3,000	5,000	5,000	6,000	6,000	6,000	7,000
Female	1,000	500	2,000	2,000	2,000	1,000	4,000	5,000	24,000
Health-related occupations	3,000	1,000	1,000	3,000	4,000	5,000	2,000	4,000	15,000
Male	7,000	3,000	4,000	6,000	10,000	13,000	5,000	13,000	S
Female	1,000	2,000	3,000	2,000	3,000	3,000	4,000	4,000	30,000
S&E managers	2,000	4,000	6,000	7,000	7,000	4,000	4,000	11,000	S
Male	2,000	7,000	4,000	6,000	7,000	11,000	4,000	8,000	S
Female	2,000	5,000	4,000	9,000	21,000	S	S	S	S
S&E precollege teachers	500	2,000	2,000	1,000	3,000	1,000	4,000	2,000	11,000
Male	1,000	2,000	2,000	2,000	4,000	1,000	7,000	5,000	S
Female	1,000	3,000	1,000	1,000	4,000	2,000	3,000	4,000	S
S&E technicians/technologists	2,000	3,000	5,000	5,000	13,000	7,000	14,000	S	S
Male	5,000	4,000	7,000	11,000	10,000	S	16,000	S	S
Female	6,000	10,000	16,000	S	S	S	S	S	S
Other S&E-related occupations	4,000	6,000	6,000	5,000	4,000	7,000	S	S	S
Male	4,000	S	S	4,000	S	S	S	S	S
Female	9,000	S	S	S	S	S	S	S	S
Non-S&E occupations	1,000	1,000	2,000	2,000	3,000	4,000	5,000	5,000	4,000
Male	2,000	2,000	4,000	4,000	3,000	4,000	7,000	3,000	6,000
Female	1,000	1,000	1,000	2,000	3,000	2,000	4,000	6,000	9,000
Art/humanities/related occupations	4,000	9,000	6,000	23,000	S	S	S	S	S
Male	4,000	32,000	S	S	S	S	S	S	S
Female	7,000	4,000	S	S	S	S	S	S	S
Management-related occupations	3,000	2,000	5,000	4,000	5,000	4,000	8,000	4,000	5,000
Male	4,000	6,000	6,000	9,000	4,000	13,000	11,000	11,000	5,000
Female	4,000	4,000	6,000	6,000	8,000	14,000	8,000	S	S
Non-S&E managers	3,000	4,000	4,000	6,000	7,000	7,000	9,000	6,000	10,000
Male	6,000	6,000	4,000	5,000	11,000	10,000	9,000	15,000	11,000
Female	2,000	15,000	11,000	5,000	4,000	16,000	5,000	S	S
Non-S&E postsecondary teachers	1,000	7,000	2,000	6,000	5,000	1,000	S	40,000	S
Male	2,000	11,000	2,000	S	S	S	S	S	S
Female	4,000	13,000	8,000	S	7,000	S	S	S	S
Non-S&E precollege/other teachers	1,000	2,000	3,000	3,000	3,000	4,000	6,000	6,000	26,000
Male	2,000	2,000	4,000	3,000	S	S	S	S	S
Female	1,000	1,000	4,000	2,000	4,000	4,000	6,000	14,000	S
Sales/marketing occupations	3,000	2,000	5,000	9,000	12,000	13,000	13,000	10,000	6,000
Male	4,000	9,000	6,000	19,000	11,000	17,000	15,000	6,000	4,000
Female	3,000	10,000	10,000	7,000	9,000	20,000	S	S	S
Social services/related occupations	500	1,000	1,000	2,000	4,000	4,000	3,000	4,000	17,000
Male	3,000	6,000	2,000	2,000	3,000	6,000	8,000	4,000	S
Female	1,000	1,000	1,000	3,000	2,000	5,000	3,000	8,000	9,000
Other non-S&E occupations	2,000	1,000	8,000	6,000	6,000	3,000	5,000	6,000	7,000
Male	5,000	3,000	9,000	9,000	8,000	9,000	7,000	7,000	9,000
Female	2,000	2,000	1,000	5,000	7,000	9,000	6,000	13,000	7,000

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Doctorate degrees, all occupations	2,000	1,000	2,000	500	1,000	3,000	3,000	4,000	3,000
Male	1,000	1,000	2,000	2,000	3,000	3,000	2,000	2,000	3,000
Female	500	1,000	1,000	2,000	1,000	3,000	4,000	5,000	12,000
S&E occupations	1,000	500	500	500	1,000	1,000	2,000	2,000	2,000
Male	1,000	2,000	2,000	1,000	500	1,000	3,000	2,000	2,000
Female	500	1,000	1,000	1,000	3,000	5,000	4,000	3,000	14,000
Scientists	1,000	2,000	500	1,000	500	2,000	500	2,000	3,000
Male	500	500	500	2,000	1,000	2,000	2,000	1,000	2,000
Female	2,000	500	500	3,000	2,000	5,000	4,000	3,000	14,000
Biological/agricultural/other life scientists	500	500	500	2,000	3,000	3,000	6,000	5,000	3,000
Male	2,000	1,000	2,000	6,000	5,000	3,000	3,000	5,000	2,000
Female	2,000	500	3,000	5,000	3,000	2,000	8,000	19,000	16,000
Agricultural/food scientists	2,000	2,000	7,000	6,000	5,000	1,000	9,000	4,000	13,000
Male	3,000	3,000	5,000	4,000	5,000	2,000	8,000	2,000	13,000
Female	8,000	9,000	10,000	S	S	S	S	S	S
Biological/medical scientists	3,000	1,000	2,000	1,000	6,000	3,000	7,000	7,000	3,000
Male	1,000	500	2,000	5,000	3,000	7,000	5,000	8,000	7,000
Female	500	1,000	1,000	4,000	6,000	4,000	8,000	16,000	S
Environmental life scientists	4,000	S	S	S	S	S	S	S	S
Male	7,000	S	S	S	S	S	S	S	S
Female	12,000	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	1,000	2,000	500	2,000	4,000	5,000	2,000	5,000	5,000
Male	2,000	2,000	2,000	2,000	6,000	4,000	2,000	5,000	4,000
Female	2,000	1,000	3,000	4,000	5,000	8,000	5,000	27,000	S
Computer/mathematical scientists	1,000	10,000	5,000	1,000	3,000	3,000	6,000	9,000	5,000
Male	3,000	6,000	4,000	5,000	2,000	4,000	7,000	10,000	4,000
Female	6,000	8,000	5,000	3,000	16,000	6,000	17,000	9,000	S
Computer/information scientists	2,000	7,000	4,000	1,000	4,000	1,000	10,000	5,000	20,000
Male	1,000	10,000	2,000	500	6,000	2,000	11,000	6,000	10,000
Female	5,000	34,000	7,000	3,000	S	S	S	S	S
Mathematical scientists	4,000	8,000	7,000	6,000	9,000	14,000	6,000	7,000	9,000
Male	5,000	10,000	8,000	11,000	11,000	5,000	4,000	10,000	9,000
Female	4,000	12,000	4,000	15,000	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	2,000	6,000	3,000	1,000	5,000	3,000	6,000	5,000	4,000
Male	1,000	5,000	1,000	2,000	5,000	3,000	6,000	6,000	4,000
Female	4,000	17,000	3,000	1,000	6,000	S	S	S	S
Physical/related scientists	500	1,000	1,000	2,000	2,000	4,000	4,000	2,000	5,000
Male	2,000	2,000	2,000	2,000	3,000	4,000	6,000	3,000	6,000
Female	2,000	2,000	4,000	4,000	5,000	4,000	9,000	S	S
Chemists, except biochemists	3,000	7,000	3,000	1,000	1,000	6,000	6,000	11,000	8,000
Male	1,000	6,000	3,000	5,000	1,000	6,000	5,000	9,000	7,000
Female	5,000	18,000	1,000	13,000	13,000	S	S	S	S
Earth/atmospheric/ocean scientists	2,000	3,000	3,000	3,000	6,000	5,000	12,000	11,000	4,000
Male	3,000	7,000	4,000	2,000	6,000	5,000	12,000	13,000	4,000

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Female	6,000	6,000	7,000	9,000	S	S	S	S	S
Physicists/astronomers	3,000	2,000	4,000	5,000	16,000	8,000	4,000	8,000	8,000
Male	2,000	2,000	5,000	5,000	17,000	8,000	4,000	8,000	8,000
Female	24,000	500	4,000	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	1,000	2,000	3,000	2,000	2,000	1,000	3,000	5,000	5,000
Male	2,000	1,000	3,000	1,000	4,000	500	3,000	4,000	6,000
Female	1,000	2,000	1,000	2,000	2,000	8,000	S	S	S
Other physical/related scientists	7,000	6,000	19,000	S	S	S	S	S	S
Male	2,000	15,000	S	S	S	S	S	S	S
Female	8,000	S	S	S	S	S	S	S	S
Social/related scientists	2,000	2,000	500	3,000	4,000	2,000	3,000	4,000	4,000
Male	1,000	2,000	3,000	2,000	1,000	4,000	3,000	2,000	6,000
Female	500	2,000	3,000	3,000	5,000	3,000	3,000	4,000	13,000
Economists	3,000	6,000	8,000	4,000	12,000	16,000	14,000	S	S
Male	8,000	10,000	13,000	12,000	16,000	16,000	15,000	S	S
Female	3,000	5,000	8,000	S	S	S	S	S	S
Political/related scientists	5,000	10,000	S	S	S	S	S	S	S
Male	7,000	S	S	S	S	S	S	S	S
Female	8,000	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	1,000	1,000	2,000	2,000	3,000	2,000	2,000	6,000	4,000
Male	2,000	2,000	1,000	3,000	5,000	4,000	2,000	3,000	4,000
Female	1,000	2,000	1,000	3,000	2,000	3,000	6,000	9,000	S
Psychologists	2,000	1,000	1,000	2,000	5,000	2,000	3,000	3,000	15,000
Male	500	4,000	4,000	3,000	4,000	10,000	4,000	5,000	25,000
Female	1,000	500	3,000	2,000	5,000	4,000	5,000	11,000	S
Sociologists/anthropologists	5,000	8,000	3,000	5,000	10,000	3,000	17,000	S	S
Male	4,000	S	S	S	S	S	S	S	S
Female	2,000	7,000	3,000	S	S	S	S	S	S
Other social/related scientists	1,000	2,000	8,000	3,000	2,000	7,000	5,000	33,000	S
Male	7,000	S	9,000	12,000	S	S	S	S	S
Female	2,000	2,000	10,000	2,000	S	S	S	S	S
Engineers	2,000	1,000	1,000	2,000	1,000	4,000	2,000	4,000	3,000
Male	1,000	2,000	1,000	500	3,000	5,000	3,000	4,000	3,000
Female	3,000	2,000	3,000	6,000	2,000	5,000	S	S	S
Aerospace/aeronautical/astronautical engineers	5,000	2,000	4,000	6,000	8,000	S	5,000	4,000	S
Male	6,000	1,000	4,000	6,000	8,000	S	S	4,000	S
Female	S	S	S	S	S	S	S	S	S
Chemical engineers	1,000	13,000	3,000	2,000	7,000	10,000	S	7,000	S
Male	1,000	13,000	4,000	4,000	8,000	11,000	S	7,000	S
Female	8,000	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	4,000	4,000	5,000	5,000	5,000	S	S	S	S
Male	5,000	3,000	5,000	5,000	5,000	S	S	S	S
Female	17,000	S	S	S	S	S	S	S	S

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Electrical/computer hardware engineers	3,000	5,000	5,000	2,000	10,000	5,000	12,000	13,000	8,000
Male	5,000	5,000	4,000	6,000	10,000	5,000	13,000	14,000	8,000
Female	8,000	9,000	4,000	24,000	S	S	S	S	S
Industrial engineers	42,000	S	S	S	S	S	S	S	S
Male	47,000	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Mechanical engineers	2,000	10,000	3,000	7,000	1,000	4,000	15,000	18,000	S
Male	2,000	5,000	3,000	7,000	1,000	3,000	15,000	18,000	S
Female	S	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	2,000	4,000	2,000	4,000	1,000	4,000	4,000	5,000	8,000
Male	1,000	3,000	3,000	2,000	1,000	5,000	4,000	6,000	8,000
Female	5,000	21,000	1,000	2,000	S	S	S	S	S
Other engineers	1,000	9,000	500	3,000	1,000	9,000	5,000	7,000	16,000
Male	2,000	10,000	1,000	2,000	2,000	11,000	11,000	7,000	16,000
Female	2,000	6,000	2,000	13,000	S	S	S	S	S
S&E-related occupations	3,000	1,000	5,000	9,000	7,000	13,000	8,000	12,000	7,000
Male	3,000	2,000	5,000	6,000	5,000	20,000	14,000	9,000	5,000
Female	1,000	3,000	3,000	14,000	9,000	18,000	24,000	15,000	S
Health-related occupations	3,000	1,000	3,000	5,000	3,000	8,000	7,000	12,000	15,000
Male	4,000	6,000	12,000	9,000	16,000	6,000	6,000	12,000	15,000
Female	4,000	2,000	3,000	1,000	8,000	24,000	43,000	25,000	S
S&E managers	5,000	23,000	8,000	5,000	6,000	5,000	4,000	9,000	15,000
Male	4,000	23,000	3,000	4,000	5,000	4,000	6,000	9,000	14,000
Female	8,000	36,000	5,000	10,000	29,000	1,000	S	S	S
S&E precollege teachers	8,000	S	8,000	S	11,000	4,000	S	S	S
Male	8,000	S	S	S	S	S	S	S	S
Female	13,000	S	S	S	S	S	S	S	S
S&E technicians/technologists	7,000	S	11,000	6,000	S	S	S	S	S
Male	10,000	S	13,000	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S	S	S	S	S
Male	S	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Non-S&E occupations	3,000	3,000	6,000	4,000	9,000	6,000	9,000	8,000	20,000
Male	6,000	5,000	11,000	7,000	7,000	9,000	10,000	9,000	20,000
Female	3,000	5,000	4,000	9,000	4,000	12,000	14,000	26,000	24,000
Art/humanities/related occupations	9,000	16,000	6,000	13,000	19,000	20,000	S	35,000	45,000
Male	7,000	S	S	S	S	S	S	S	49,000
Female	4,000	S	1,000	14,000	S	20,000	S	S	S
Management-related occupations	6,000	12,000	14,000	10,000	11,000	3,000	20,000	8,000	18,000
Male	4,000	500	26,000	14,000	25,000	17,000	24,000	9,000	17,000
Female	7,000	20,000	12,000	6,000	7,000	21,000	14,000	S	S
Non-S&E managers	4,000	30,000	8,000	15,000	7,000	14,000	12,000	5,000	7,000
Male	9,000	15,000	6,000	8,000	7,000	13,000	13,000	6,000	10,000
Female	16,000	82,000	20,000	12,000	18,000	32,000	29,000	16,000	14,000

TABLE A-28. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006
(Dollars)

Highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E postsecondary teachers	3,000	3,000	3,000	3,000	12,000	5,000	26,000	4,000	11,000
Male	5,000	6,000	4,000	7,000	13,000	4,000	34,000	6,000	10,000
Female	2,000	4,000	2,000	4,000	6,000	3,000	S	S	S
Non-S&E precollege/other teachers	16,000	S	S	S	S	S	S	S	S
Male	15,000	S	S	S	S	S	S	S	S
Female	25,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	10,000	44,000	8,000	5,000	12,000	46,000	10,000	48,000	14,000
Male	18,000	S	12,000	2,000	35,000	50,000	6,000	54,000	17,000
Female	19,000	S	S	S	S	S	S	S	S
Social services/related occupations	8,000	9,000	17,000	9,000	16,000	4,000	S	S	S
Male	7,000	13,000	S	S	S	S	S	S	S
Female	11,000	8,000	S	28,000	S	S	S	S	S
Other non-S&E occupations	4,000	39,000	17,000	6,000	15,000	7,000	10,000	8,000	5,000
Male	8,000	11,000	2,000	2,000	39,000	9,000	13,000	11,000	6,000
Female	6,000	S	7,000	6,000	8,000	13,000	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/occ03maj.html for a detailed description of the occupational 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.

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
All degree levels and occupations[b]	500	500	1,000	500	500	1,000	500	1,000	500
American Indian/Alaska Native	2,000	3,000	13,000	4,000	8,000	12,000	S	S	S
Asian	1,000	1,000	500	2,000	3,000	4,000	3,000	5,000	6,000
Black	1,000	500	2,000	2,000	3,000	1,000	3,000	6,000	4,000
Hispanic	1,000	1,000	1,000	2,000	2,000	2,000	4,000	2,000	4,000
White	500	1,000	1,000	1,000	500	1,000	1,000	1,000	500
Other	6,000	2,000	5,000	4,000	12,000	5,000	9,000	25,000	7,000
S&E occupations	500	1,000	1,000	1,000	1,000	1,000	2,000	500	1,000
American Indian/Alaska Native	1,000	4,000	6,000	S	S	S	S	S	S
Asian	1,000	4,000	1,000	1,000	1,000	1,000	3,000	2,000	2,000
Black	1,000	4,000	2,000	3,000	1,000	5,000	4,000	7,000	4,000
Hispanic	1,000	1,000	2,000	4,000	5,000	5,000	2,000	6,000	16,000
White	1,000	2,000	500	1,000	1,000	2,000	2,000	1,000	2,000
Other	3,000	3,000	4,000	4,000	5,000	7,000	7,000	26,000	15,000
Scientists	500	500	1,000	500	2,000	2,000	2,000	2,000	1,000
American Indian/Alaska Native	2,000	11,000	10,000	S	S	S	S	S	S
Asian	1,000	4,000	500	1,000	2,000	3,000	5,000	4,000	5,000
Black	1,000	2,000	2,000	2,000	1,000	5,000	6,000	6,000	8,000
Hispanic	2,000	3,000	2,000	5,000	3,000	5,000	9,000	11,000	13,000
White	500	3,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Other	5,000	3,000	5,000	3,000	17,000	9,000	10,000	24,000	S
Biological/agricultural/other life scientists	1,000	500	3,000	2,000	4,000	5,000	2,000	2,000	7,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	2,000	6,000	6,000	1,000	8,000	3,000	10,000	10,000	14,000
Black	6,000	10,000	21,000	8,000	43,000	7,000	S	S	S
Hispanic	2,000	8,000	5,000	11,000	14,000	18,000	S	S	S
White	1,000	2,000	4,000	3,000	4,000	6,000	4,000	2,000	8,000
Other	2,000	1,000	5,000	S	S	S	S	S	S
Agricultural/food scientists	5,000	1,000	6,000	2,000	4,000	7,000	13,000	14,000	16,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	S	S	S	S	S	S	S	S
Black	2,000	S	S	S	S	S	S	S	S
Hispanic	18,000	4,000	S	S	S	S	S	S	S
White	4,000	2,000	5,000	3,000	6,000	7,000	22,000	19,000	16,000
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	1,000	500	4,000	2,000	3,000	5,000	5,000	5,000	14,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	500	6,000	1,000	10,000	3,000	15,000	15,000	S
Black	7,000	11,000	8,000	S	S	S	S	S	S
Hispanic	1,000	7,000	6,000	12,000	6,000	S	S	S	S
White	2,000	1,000	3,000	4,000	4,000	5,000	8,000	10,000	16,000
Other	16,000	6,000	4,000	S	S	S	S	S	S
Environmental life scientists	4,000	4,000	4,000	8,000	14,000	4,000	6,000	4,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	4,000	1,000	4,000	7,000	S	6,000	6,000	4,000	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	3,000	5,000	5,000	6,000	10,000	2,000	6,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Asian	2,000	S	13,000	15,000	S	S	S	S	S
Black	22,000	S	52,000	S	S	S	S	S	S
Hispanic	2,000	57,000	1,000	10,000	S	S	S	S	S
White	2,000	1,000	4,000	5,000	6,000	5,000	3,000	8,000	5,000
Other	6,000	S	S	S	S	S	S	S	S
Computer/mathematical scientists	500	2,000	500	1,000	1,000	2,000	1,000	3,000	3,000
American Indian/Alaska Native	10,000	S	S	S	S	S	S	S	S
Asian	2,000	3,000	3,000	1,000	4,000	1,000	4,000	8,000	10,000
Black	2,000	2,000	2,000	3,000	1,000	5,000	10,000	9,000	S
Hispanic	2,000	3,000	3,000	6,000	9,000	10,000	10,000	S	S
White	1,000	1,000	1,000	1,000	2,000	2,000	2,000	3,000	4,000
Other	5,000	9,000	10,000	3,000	7,000	7,000	S	S	S
Computer/information scientists	1,000	500	2,000	500	1,000	2,000	3,000	3,000	4,000
American Indian/Alaska Native	7,000	S	S	S	S	S	S	S	S
Asian	2,000	6,000	3,000	1,000	4,000	500	3,000	10,000	13,000
Black	2,000	2,000	3,000	4,000	2,000	4,000	7,000	11,000	S
Hispanic	3,000	6,000	4,000	5,000	11,000	9,000	11,000	S	S
White	1,000	3,000	2,000	2,000	2,000	2,000	3,000	3,000	4,000
Other	4,000	9,000	11,000	3,000	5,000	8,000	S	S	S
Mathematical scientists	3,000	1,000	10,000	3,000	7,000	14,000	8,000	20,000	23,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	1,000	9,000	14,000	S	S	S	S	S
Black	3,000	7,000	S	S	S	S	S	S	S
Hispanic	11,000	2,000	S	S	S	S	S	S	S
White	6,000	8,000	13,000	4,000	7,000	7,000	9,000	14,000	15,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	2,000	11,000	5,000	7,000	10,000	7,000	4,000	9,000	10,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	2,000	1,000	7,000	8,000	S	S	S	S
Black	3,000	54,000	4,000	S	S	S	S	S	S
Hispanic	5,000	11,000	25,000	S	S	S	S	S	S
White	3,000	3,000	5,000	6,000	14,000	11,000	11,000	10,000	13,000
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	1,000	1,000	4,000	4,000	4,000	5,000	5,000	4,000	3,000
American Indian/Alaska Native	8,000	S	S	S	S	S	S	S	S
Asian	4,000	3,000	9,000	14,000	8,000	6,000	8,000	7,000	3,000
Black	10,000	7,000	3,000	S	S	35,000	S	S	S
Hispanic	4,000	3,000	1,000	12,000	9,000	7,000	S	S	S
White	1,000	500	1,000	4,000	4,000	7,000	6,000	8,000	7,000
Other	4,000	3,000	S	S	S	S	S	S	S
Chemists, except biochemists	3,000	4,000	2,000	3,000	6,000	8,000	4,000	5,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	4,000	12,000	16,000	12,000	5,000	S	S	6,000
Black	11,000	1,000	S	S	S	S	S	S	S
Hispanic	2,000	4,000	3,000	S	S	S	S	S	S
White	2,000	3,000	1,000	3,000	7,000	8,000	8,000	2,000	10,000
Other	5,000	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	2,000	500	1,000	1,000	6,000	10,000	11,000	21,000	24,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	13,000	4,000	11,000	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	17,000	S	S	S	S	S	S	S	S
Hispanic	9,000	13,000	S	S	S	S	S	S	S
White	2,000	1,000	1,000	3,000	6,000	10,000	12,000	21,000	35,000
Other	20,000	S	S	S	S	S	S	S	S
Physicists/astronomers	8,000	4,000	5,000	21,000	19,000	1,000	10,000	12,000	13,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	9,000	S	S	S	S	S	S	S
Black	24,000	S	S	S	S	S	S	S	S
Hispanic	24,000	8,000	S	S	S	S	S	S	S
White	5,000	1,000	6,000	6,000	15,000	2,000	7,000	11,000	11,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	2,000	4,000	3,000	2,000	3,000	7,000	19,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	13,000	1,000	23,000	S	S	S	S	S	S
Black	9,000	S	S	S	S	S	S	S	S
Hispanic	1,000	17,000	S	S	S	S	S	S	S
White	3,000	1,000	4,000	2,000	3,000	8,000	20,000	4,000	4,000
Other	15,000	S	S	S	S	S	S	S	S
Other physical/related scientists	3,000	1,000	3,000	7,000	8,000	13,000	4,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	6,000	S	S	S	S	S	S	S	S
White	1,000	4,000	2,000	8,000	10,000	18,000	4,000	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	1,000	1,000	5,000	1,000	5,000	3,000	4,000	5,000	8,000
American Indian/Alaska Native	10,000	S	S	S	S	S	S	S	S
Asian	3,000	4,000	8,000	18,000	26,000	13,000	5,000	S	S
Black	3,000	4,000	5,000	7,000	3,000	9,000	5,000	S	S
Hispanic	5,000	6,000	1,000	14,000	4,000	7,000	26,000	S	S
White	2,000	1,000	3,000	1,000	4,000	4,000	4,000	5,000	9,000
Other	10,000	24,000	18,000	12,000	S	S	S	S	S
Economists	6,000	3,000	7,000	17,000	11,000	105,000	30,000	5,000	17,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	7,000	5,000	S	S	S	S	S	S
Black	25,000	S	S	S	S	S	S	S	S
Hispanic	16,000	S	S	S	S	S	S	S	S
White	8,000	8,000	24,000	19,000	3,000	132,000	41,000	5,000	17,000
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	7,000	12,000	6,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	7,000	20,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	1,000	8,000	3,000	3,000	5,000	5,000	2,000	8,000	11,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	3,000	8,000	11,000	36,000	21,000	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	4,000	5,000	7,000	5,000	1,000	12,000	S	S	S
Hispanic	3,000	1,000	14,000	2,000	14,000	S	S	S	S
White	3,000	3,000	4,000	3,000	5,000	2,000	2,000	9,000	11,000
Other	10,000	S	S	S	S	S	S	S	S
Psychologists	2,000	2,000	2,000	2,000	7,000	5,000	4,000	6,000	12,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	21,000	27,000	S	S	S	S	S	S
Black	6,000	3,000	S	S	S	S	S	S	S
Hispanic	4,000	16,000	12,000	14,000	4,000	S	S	S	S
White	2,000	2,000	2,000	2,000	7,000	6,000	4,000	5,000	13,000
Other	5,000	S	S	S	S	S	S	S	S
Sociologists/anthropologists	3,000	3,000	4,000	17,000	1,000	4,000	37,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	24,000	S	S	S	S	S	S	S	S
Hispanic	2,000	S	S	S	S	S	S	S	S
White	6,000	4,000	3,000	S	1,000	5,000	35,000	S	S
Other	S	S	S	S	S	S	S	S	S
Other social/related scientists	3,000	2,000	2,000	3,000	3,000	22,000	14,000	15,000	24,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	14,000	3,000	S	S	S	S	S	S	S
Black	4,000	11,000	S	S	S	S	S	S	S
Hispanic	23,000	5,000	S	S	S	S	S	S	S
White	5,000	5,000	3,000	4,000	1,000	26,000	26,000	24,000	37,000
Other	34,000	S	S	S	S	S	S	S	S
Engineers	1,000	2,000	1,000	2,000	2,000	500	2,000	2,000	3,000
American Indian/Alaska Native	7,000	2,000	S	S	S	S	S	S	S
Asian	2,000	1,000	2,000	3,000	1,000	5,000	5,000	6,000	4,000
Black	3,000	2,000	3,000	3,000	9,000	19,000	10,000	S	S
Hispanic	1,000	500	4,000	4,000	4,000	8,000	7,000	11,000	14,000
White	500	1,000	1,000	2,000	2,000	1,000	2,000	2,000	4,000
Other	5,000	1,000	9,000	10,000	11,000	5,000	S	S	S
Aerospace/aeronautical/astronautical engineers	2,000	5,000	4,000	6,000	4,000	3,000	6,000	8,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	9,000	500	S	S	S	S	S	S	S
Black	9,000	21,000	S	S	S	S	S	S	S
Hispanic	4,000	6,000	S	S	S	S	S	S	S
White	3,000	1,000	3,000	6,000	5,000	4,000	6,000	9,000	7,000
Other	1,000	S	S	S	S	S	S	S	S
Chemical engineers	1,000	1,000	4,000	2,000	9,000	6,000	5,000	5,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	5,000	3,000	15,000	12,000	S	S	S	S
Black	7,000	9,000	S	S	S	S	S	S	S
Hispanic	12,000	16,000	S	S	S	S	S	S	S
White	2,000	5,000	3,000	2,000	8,000	5,000	4,000	8,000	8,000
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	500	1,000	3,000	2,000	4,000	5,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	5,000	3,000	6,000	5,000	4,000	3,000	2,000
Black	3,000	6,000	S	S	S	S	S	S	S
Hispanic	1,000	3,000	2,000	5,000	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	2,000	500	3,000	3,000	2,000	4,000	3,000	4,000	5,000
Other	15,000	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	3,000	1,000	1,000	2,000	1,000	3,000	3,000	4,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	1,000	3,000	3,000	3,000	1,000	9,000	9,000	S
Black	6,000	1,000	4,000	14,000	S	S	S	S	S
Hispanic	4,000	1,000	3,000	5,000	S	S	S	S	S
White	2,000	5,000	2,000	3,000	1,000	4,000	4,000	4,000	7,000
Other	6,000	5,000	S	S	S	S	S	S	S
Industrial engineers	2,000	5,000	1,000	3,000	5,000	4,000	5,000	9,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	2,000	S	S	S	S	S	S	S
Black	4,000	500	S	S	S	S	S	S	S
Hispanic	4,000	5,000	S	S	S	S	S	S	S
White	2,000	1,000	3,000	4,000	5,000	5,000	4,000	10,000	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	1,000	1,000	2,000	1,000	3,000	2,000	4,000	2,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	1,000	5,000	3,000	2,000	6,000	5,000	17,000	S
Black	7,000	9,000	S	S	S	S	S	S	S
Hispanic	4,000	5,000	11,000	S	S	S	S	S	S
White	1,000	2,000	1,000	3,000	3,000	2,000	3,000	2,000	4,000
Other	8,000	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	5,000	3,000	3,000	10,000	14,000	6,000	8,000	9,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	1,000	1,000	3,000	S	2,000	S	S	S
Black	8,000	S	S	S	S	S	S	S	S
Hispanic	9,000	S	S	S	S	S	S	S	S
White	4,000	11,000	3,000	5,000	16,000	6,000	8,000	20,000	3,000
Other	S	S	S	S	S	S	S	S	S
Other engineers	2,000	1,000	2,000	5,000	2,000	2,000	6,000	5,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	1,000	4,000	3,000	11,000	30,000	44,000	S	S
Black	6,000	5,000	13,000	S	S	S	S	S	S
Hispanic	7,000	8,000	9,000	36,000	S	S	S	S	S
White	2,000	1,000	2,000	3,000	3,000	4,000	7,000	5,000	8,000
Other	8,000	26,000	S	S	S	S	S	S	S
S&E-related occupations	500	500	1,000	1,000	3,000	2,000	2,000	2,000	3,000
American Indian/Alaska Native	1,000	2,000	S	6,000	S	S	S	S	S
Asian	2,000	2,000	5,000	3,000	5,000	7,000	6,000	11,000	9,000
Black	2,000	3,000	1,000	4,000	4,000	4,000	2,000	12,000	7,000
Hispanic	3,000	2,000	2,000	4,000	5,000	3,000	9,000	6,000	10,000
White	500	500	1,000	2,000	3,000	1,000	2,000	1,000	2,000
Other	6,000	1,000	6,000	13,000	8,000	6,000	14,000	S	S
Health-related occupations	500	1,000	2,000	2,000	3,000	3,000	3,000	3,000	3,000
American Indian/Alaska Native	1,000	2,000	S	S	S	S	S	S	S
Asian	3,000	5,000	7,000	2,000	10,000	7,000	6,000	18,000	10,000
Black	1,000	2,000	4,000	5,000	9,000	8,000	5,000	12,000	25,000
Hispanic	2,000	2,000	3,000	5,000	8,000	3,000	6,000	7,000	5,000
White	500	1,000	1,000	2,000	3,000	4,000	3,000	4,000	4,000
Other	16,000	1,000	5,000	13,000	S	10,000	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
S&E managers	2,000	3,000	2,000	3,000	5,000	4,000	4,000	9,000	10,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	4,000	8,000	13,000	20,000	8,000	23,000	8,000	S
Black	9,000	S	9,000	S	S	S	S	S	S
Hispanic	5,000	18,000	12,000	13,000	17,000	S	S	S	S
White	2,000	3,000	4,000	4,000	5,000	4,000	4,000	10,000	7,000
Other	13,000	S	S	S	S	S	S	S	S
S&E precollege teachers	1,000	500	2,000	1,000	2,000	2,000	1,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	S	S	S	S	S	S	S
Black	3,000	5,000	4,000	4,000	S	S	S	S	S
Hispanic	3,000	5,000	1,000	S	S	S	S	S	S
White	1,000	500	1,000	1,000	2,000	2,000	2,000	2,000	3,000
Other	3,000	5,000	S	S	S	S	S	S	S
S&E technicians/technologists	2,000	1,000	2,000	1,000	4,000	3,000	7,000	5,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	7,000	3,000	8,000	26,000	9,000	6,000	S	S
Black	5,000	1,000	S	S	S	S	S	S	S
Hispanic	2,000	7,000	S	S	S	S	S	S	S
White	2,000	2,000	4,000	2,000	5,000	3,000	4,000	8,000	3,000
Other	7,000	S	S	S	S	S	S	S	S
Other S&E-related occupations	2,000	2,000	2,000	3,000	3,000	8,000	5,000	5,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	S	S	S	S	S	S	S	S
Black	10,000	S	S	S	S	S	S	S	S
Hispanic	8,000	S	S	S	S	S	S	S	S
White	3,000	5,000	4,000	4,000	4,000	9,000	6,000	8,000	8,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	1,000	500	1,000	2,000	500	2,000	1,000	1,000	2,000
American Indian/Alaska Native	6,000	4,000	10,000	S	S	S	S	S	S
Asian	2,000	1,000	5,000	7,000	8,000	6,000	3,000	4,000	6,000
Black	1,000	1,000	8,000	3,000	3,000	4,000	3,000	3,000	6,000
Hispanic	2,000	2,000	3,000	4,000	3,000	6,000	6,000	7,000	6,000
White	1,000	500	2,000	2,000	2,000	3,000	3,000	3,000	1,000
Other	1,000	8,000	4,000	5,000	14,000	8,000	9,000	7,000	6,000
Art/humanities/related occupations	3,000	6,000	5,000	5,000	6,000	11,000	15,000	4,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	S	S	S	S	S	S	S	S
Black	4,000	S	S	S	S	S	S	S	S
Hispanic	11,000	13,000	S	S	S	S	S	S	S
White	4,000	24,000	4,000	7,000	10,000	10,000	20,000	3,000	5,000
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	1,000	1,000	3,000	4,000	3,000	3,000	6,000	4,000	4,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	3,000	5,000	7,000	11,000	10,000	16,000	7,000	17,000	S
Black	3,000	3,000	4,000	13,000	11,000	10,000	5,000	17,000	S
Hispanic	1,000	3,000	5,000	4,000	12,000	4,000	7,000	S	S
White	2,000	1,000	4,000	2,000	3,000	3,000	6,000	4,000	4,000
Other	6,000	8,000	S	S	S	S	S	S	S
Non-S&E managers	3,000	3,000	4,000	5,000	4,000	5,000	6,000	6,000	7,000

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	18,000	24,000	13,000	16,000	20,000	14,000	36,000	32,000
Black	8,000	1,000	19,000	5,000	21,000	12,000	14,000	17,000	S
Hispanic	6,000	1,000	9,000	14,000	18,000	29,000	21,000	29,000	S
White	3,000	5,000	5,000	4,000	4,000	5,000	8,000	6,000	9,000
Other	36,000	S	S	S	50,000	S	S	S	S
Non-S&E postsecondary teachers	3,000	5,000	4,000	4,000	7,000	12,000	14,000	4,000	13,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	1,000	6,000	21,000	S	S	S	S	S
Black	15,000	10,000	19,000	S	S	S	S	S	S
Hispanic	7,000	10,000	1,000	S	S	S	S	S	S
White	3,000	8,000	5,000	6,000	7,000	12,000	26,000	8,000	23,000
Other	4,000	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	1,000	1,000	2,000	1,000	3,000	3,000	4,000	2,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	3,000	S	S	S	S	S	S	S
Black	2,000	2,000	2,000	7,000	S	S	S	S	S
Hispanic	3,000	3,000	5,000	S	S	S	S	S	S
White	2,000	1,000	3,000	1,000	4,000	3,000	5,000	3,000	12,000
Other	14,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	4,000	1,000	3,000	5,000	3,000	4,000	6,000	5,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	1,000	13,000	12,000	4,000	16,000	11,000	19,000	14,000
Black	7,000	8,000	8,000	S	S	S	S	S	S
Hispanic	3,000	8,000	5,000	3,000	9,000	S	S	S	S
White	1,000	2,000	5,000	3,000	5,000	4,000	7,000	6,000	5,000
Other	8,000	3,000	S	S	S	S	S	S	S
Social services/related occupations	2,000	2,000	1,000	1,000	2,000	4,000	3,000	2,000	7,000
American Indian/Alaska Native	3,000	S	S	S	S	S	S	S	S
Asian	1,000	2,000	S	S	S	S	S	S	S
Black	1,000	2,000	2,000	1,000	4,000	15,000	5,000	S	S
Hispanic	1,000	4,000	5,000	6,000	12,000	S	S	S	S
White	1,000	1,000	1,000	3,000	2,000	2,000	4,000	2,000	9,000
Other	3,000	6,000	S	S	S	S	S	S	S
Other non-S&E occupations	1,000	1,000	2,000	2,000	3,000	2,000	2,000	2,000	3,000
American Indian/Alaska Native	9,000	2,000	S	S	S	S	S	S	S
Asian	1,000	1,000	3,000	7,000	2,000	1,000	5,000	6,000	3,000
Black	3,000	1,000	4,000	6,000	5,000	3,000	11,000	6,000	S
Hispanic	2,000	3,000	5,000	8,000	7,000	11,000	6,000	S	S
White	1,000	1,000	2,000	2,000	3,000	3,000	4,000	3,000	4,000
Other	1,000	4,000	8,000	9,000	S	S	S	S	S
Bachelor's degrees, all occupations	500	500	500	2,000	1,000	1,000	1,000	1,000	2,000
American Indian/Alaska Native	2,000	4,000	9,000	9,000	S	S	S	S	S
Asian	1,000	2,000	2,000	1,000	3,000	5,000	1,000	6,000	3,000
Black	1,000	500	3,000	2,000	4,000	3,000	3,000	3,000	5,000
Hispanic	1,000	1,000	1,000	4,000	3,000	6,000	6,000	3,000	5,000
White	1,000	500	1,000	2,000	2,000	2,000	2,000	2,000	2,000
Other	3,000	4,000	6,000	4,000	8,000	5,000	9,000	19,000	5,000
S&E occupations	500	4,000	1,000	1,000	2,000	2,000	500	2,000	2,000
American Indian/Alaska Native	1,000	4,000	S	S	S	S	S	S	S
Asian	2,000	1,000	5,000	3,000	3,000	3,000	5,000	4,000	3,000

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	1,000	3,000	2,000	2,000	4,000	8,000	6,000	9,000	S
Hispanic	5,000	2,000	1,000	6,000	5,000	5,000	7,000	8,000	17,000
White	1,000	500	1,000	1,000	1,000	1,000	1,000	2,000	1,000
Other	3,000	3,000	5,000	5,000	16,000	12,000	18,000	S	S
Scientists	1,000	1,000	1,000	1,000	2,000	1,000	2,000	2,000	2,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S	S
Asian	1,000	1,000	2,000	3,000	4,000	4,000	5,000	10,000	9,000
Black	2,000	2,000	3,000	3,000	3,000	8,000	7,000	8,000	S
Hispanic	2,000	3,000	3,000	11,000	4,000	6,000	10,000	S	S
White	1,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000	2,000
Other	3,000	8,000	8,000	3,000	10,000	S	S	S	S
Biological/agricultural/other life scientists	2,000	500	3,000	6,000	5,000	6,000	6,000	11,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	2,000	S	S	S	S	S	S	S
Black	11,000	3,000	S	S	S	S	S	S	S
Hispanic	2,000	1,000	S	S	S	S	S	S	S
White	3,000	500	4,000	7,000	8,000	6,000	7,000	11,000	5,000
Other	11,000	S	S	S	S	S	S	S	S
Agricultural/food scientists	3,000	4,000	S	S	S	S	7,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	1,000	5,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	2,000	500	4,000	7,000	5,000	17,000	11,000	14,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	S	S	S	S	S	S	S	S
Black	26,000	S	S	S	S	S	S	S	S
Hispanic	13,000	1,000	S	S	S	S	S	S	S
White	4,000	3,000	4,000	6,000	7,000	6,000	11,000	20,000	6,000
Other	S	S	S	S	S	S	S	S	S
Environmental life scientists	6,000	2,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	5,000	2,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	2,000	1,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	3,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	4,000	3,000	4,000	1,000	3,000	S	S
Black	2,000	4,000	2,000	11,000	4,000	7,000	14,000	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Hispanic	5,000	500	6,000	8,000	5,000	8,000	S	S	S
White	2,000	2,000	1,000	2,000	2,000	2,000	1,000	2,000	4,000
Other	3,000	3,000	5,000	3,000	S	S	S	S	S
Computer/information scientists	1,000	4,000	2,000	1,000	2,000	1,000	1,000	2,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	4,000	3,000	3,000	1,000	3,000	S	S
Black	3,000	9,000	2,000	7,000	4,000	6,000	13,000	S	S
Hispanic	5,000	3,000	5,000	7,000	6,000	6,000	S	S	S
White	500	4,000	4,000	2,000	2,000	2,000	1,000	2,000	5,000
Other	4,000	3,000	7,000	3,000	S	S	S	S	S
Mathematical scientists	8,000	1,000	4,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	11,000	2,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	7,000	2,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	5,000	1,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	3,000	500	1,000	3,000	2,000	2,000	6,000	15,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	15,000	S	S	S	S	S	S	S
Black	13,000	8,000	S	S	S	S	S	S	S
Hispanic	2,000	6,000	2,000	S	S	S	S	S	S
White	3,000	2,000	3,000	3,000	5,000	3,000	7,000	21,000	12,000
Other	6,000	S	S	S	S	S	S	S	S
Chemists, except biochemists	2,000	2,000	2,000	8,000	7,000	8,000	6,000	14,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	S	S	S	S	S	S	S	S
Black	12,000	S	S	S	S	S	S	S	S
Hispanic	2,000	4,000	S	S	S	S	S	S	S
White	2,000	2,000	4,000	9,000	9,000	18,000	6,000	23,000	13,000
Other	S	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	1,000	2,000	4,000	2,000	5,000	11,000	7,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	7,000	S	S	S	S	S	S	S	S
White	1,000	2,000	4,000	2,000	7,000	9,000	8,000	S	S
Other	S	S	S	S	S	S	S	S	S
Physicists/astronomers	2,000	1,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	10,000	3,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	2,000	2,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	5,000	2,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other physical/related scientists	4,000	6,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	5,000	5,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	2,000	3,000	3,000	4,000	13,000	17,000	12,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	S	S	S	S	S	S	S	S
Black	13,000	S	S	S	S	S	S	S	S
Hispanic	12,000	14,000	S	S	S	S	S	S	S
White	6,000	4,000	5,000	7,000	26,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Economists	7,000	2,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	22,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	4,000	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	6,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	1,000	4,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	1,000	3,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Psychologists	4,000	2,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	6,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists	6,000	2,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other social/related scientists	3,000	4,000	13,000	2,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	5,000	3,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Engineers	1,000	2,000	1,000	2,000	2,000	1,000	1,000	3,000	3,000
American Indian/Alaska Native	5,000	S	S	S	S	S	S	S	S
Asian	500	1,000	2,000	5,000	9,000	3,000	7,000	3,000	4,000
Black	4,000	2,000	3,000	7,000	10,000	20,000	10,000	S	S
Hispanic	3,000	1,000	4,000	4,000	4,000	12,000	6,000	S	16,000
White	500	500	2,000	2,000	3,000	2,000	2,000	4,000	3,000
Other	3,000	1,000	S	13,000	S	S	S	S	S
Aerospace/aeronautical/astronautical engineers	2,000	1,000	2,000	5,000	6,000	4,000	7,000	15,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	500	S	S	S	S	S	S	S
Black	17,000	S	S	S	S	S	S	S	S
Hispanic	6,000	3,000	S	S	S	S	S	S	S
White	5,000	3,000	5,000	5,000	6,000	4,000	8,000	15,000	8,000
Other	1,000	S	S	S	S	S	S	S	S
Chemical engineers	4,000	500	1,000	3,000	8,000	9,000	4,000	7,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	4,000	S	S	S	S	S	S	S
Black	4,000	S	S	S	S	S	S	S	S
Hispanic	12,000	2,000	S	S	S	S	S	S	S
White	4,000	3,000	1,000	4,000	16,000	7,000	5,000	8,000	S
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	1,000	1,000	2,000	2,000	3,000	6,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	1,000	S	S	S	S	S	S	5,000
Black	3,000	6,000	S	S	S	S	S	S	S
Hispanic	1,000	2,000	2,000	S	S	S	S	S	S
White	2,000	1,000	1,000	3,000	4,000	4,000	5,000	3,000	4,000
Other	13,000	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	1,000	1,000	1,000	4,000	1,000	4,000	4,000	7,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	2,000	3,000	9,000	15,000	12,000	11,000	S	S
Black	5,000	3,000	S	S	S	S	S	S	S
Hispanic	5,000	4,000	3,000	7,000	S	S	S	S	S
White	2,000	500	2,000	4,000	2,000	5,000	4,000	5,000	6,000
Other	6,000	S	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Industrial engineers	1,000	3,000	1,000	4,000	6,000	7,000	5,000	9,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	11,000	11,000	S	S	S	S	S	S	S
Black	5,000	2,000	S	S	S	S	S	S	S
Hispanic	12,000	1,000	S	S	S	S	S	S	S
White	3,000	2,000	500	4,000	10,000	7,000	6,000	S	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	500	500	2,000	2,000	5,000	2,000	4,000	3,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	1,000	S	S	S	S	S	S	S
Black	10,000	S	S	S	S	S	S	S	S
Hispanic	9,000	2,000	1,000	S	S	S	S	S	S
White	1,000	500	1,000	500	6,000	2,000	4,000	2,000	6,000
Other	8,000	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	14,000	500	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	4,000	500	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other engineers	2,000	500	6,000	4,000	4,000	5,000	8,000	8,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	5,000	S	S	S	S	S	S	S
Black	9,000	11,000	S	S	S	S	S	S	S
Hispanic	8,000	1,000	S	S	S	S	S	S	S
White	1,000	1,000	5,000	5,000	3,000	4,000	8,000	7,000	7,000
Other	19,000	S	S	S	S	S	S	S	S
S&E-related occupations	500	500	2,000	500	3,000	2,000	1,000	2,000	2,000
American Indian/Alaska Native	4,000	14,000	S	S	S	S	S	S	S
Asian	1,000	1,000	2,000	4,000	4,000	7,000	3,000	6,000	8,000
Black	1,000	500	8,000	2,000	5,000	4,000	4,000	8,000	14,000
Hispanic	1,000	2,000	4,000	5,000	5,000	6,000	7,000	12,000	11,000
White	500	500	2,000	1,000	3,000	3,000	1,000	2,000	3,000
Other	3,000	8,000	10,000	S	7,000	S	S	S	S
Health-related occupations	500	500	2,000	1,000	1,000	500	2,000	3,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	1,000	2,000	2,000	6,000	6,000	7,000	6,000	4,000	8,000
Black	2,000	500	9,000	3,000	4,000	4,000	5,000	S	S
Hispanic	2,000	3,000	8,000	3,000	5,000	5,000	9,000	S	S
White	1,000	2,000	4,000	1,000	2,000	1,000	4,000	4,000	3,000
Other	4,000	7,000	S	S	S	S	S	S	S
S&E managers	1,000	5,000	6,000	5,000	4,000	6,000	3,000	5,000	13,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	12,000	S	S	S	S	S	S	S	S
Black	6,000	S	S	S	S	S	S	S	S
Hispanic	7,000	S	S	S	S	S	S	S	S
White	1,000	6,000	6,000	5,000	4,000	7,000	3,000	6,000	15,000
Other	S	S	S	S	S	S	S	S	S
S&E precollege teachers	1,000	1,000	1,000	1,000	1,000	3,000	3,000	2,000	3,000

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	S	S	S	S	S	S	S	S
Black	1,000	500	S	S	S	S	S	S	S
Hispanic	2,000	2,000	1,000	S	S	S	S	S	S
White	2,000	1,000	3,000	2,000	1,000	2,000	3,000	2,000	3,000
Other	1,000	S	S	S	S	S	S	S	S
S&E technicians/technologists	1,000	2,000	3,000	3,000	5,000	5,000	7,000	7,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	4,000	S	S	S	S	S	S	S
Black	2,000	1,000	S	S	S	S	S	S	S
Hispanic	3,000	2,000	S	S	S	S	S	S	S
White	2,000	3,000	4,000	2,000	5,000	4,000	4,000	10,000	3,000
Other	5,000	S	S	S	S	S	S	S	S
Other S&E-related occupations	3,000	3,000	3,000	8,000	4,000	4,000	5,000	5,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	9,000	S	S	S	S	S	S	S	S
White	3,000	7,000	6,000	8,000	4,000	3,000	7,000	8,000	6,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	500	500	1,000	1,000	2,000	4,000	3,000	2,000	2,000
American Indian/Alaska Native	11,000	1,000	S	S	S	S	S	S	S
Asian	500	500	3,000	10,000	4,000	3,000	6,000	7,000	4,000
Black	2,000	2,000	3,000	5,000	4,000	4,000	6,000	4,000	5,000
Hispanic	2,000	1,000	3,000	5,000	11,000	6,000	9,000	7,000	6,000
White	1,000	500	2,000	2,000	3,000	3,000	3,000	3,000	2,000
Other	1,000	500	3,000	7,000	26,000	10,000	S	S	S
Art/humanities/related occupations	3,000	2,000	7,000	6,000	3,000	19,000	22,000	2,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	13,000	S	S	S	S	S	S	S	S
Hispanic	15,000	10,000	S	S	S	S	S	S	S
White	6,000	5,000	8,000	8,000	10,000	31,000	24,000	2,000	4,000
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	500	2,000	2,000	5,000	4,000	3,000	5,000	5,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	3,000	8,000	7,000	7,000	9,000	S	S	S
Black	5,000	2,000	2,000	11,000	S	S	S	S	S
Hispanic	4,000	1,000	4,000	S	S	S	S	S	S
White	2,000	500	3,000	5,000	3,000	2,000	9,000	5,000	6,000
Other	5,000	25,000	S	S	S	S	S	S	S
Non-S&E managers	500	2,000	7,000	6,000	4,000	8,000	9,000	6,000	12,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	18,000	S	S	S	S	S	S	S	S
Black	10,000	S	S	S	S	S	S	S	S
Hispanic	5,000	4,000	S	S	S	S	S	S	S
White	500	6,000	7,000	3,000	7,000	8,000	10,000	6,000	9,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E postsecondary teachers	3,000	500	1,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	S	S	S	S	S	S	S	S	S
Hispanic	10,000	S	S	S	S	S	S	S	S
White	4,000	1,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	1,000	3,000	4,000	6,000	4,000	4,000	7,000	7,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	S	S	S	S	S	S	S	S
Black	3,000	2,000	S	S	S	S	S	S	S
Hispanic	2,000	2,000	S	S	S	S	S	S	S
White	2,000	1,000	5,000	9,000	5,000	4,000	8,000	3,000	10,000
Other	23,000	S	S	S	S	S	S	S	S
Sales/marketing occupations	2,000	2,000	5,000	5,000	5,000	5,000	7,000	10,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	1,000	5,000	S	S	8,000	S	20,000	S
Black	9,000	4,000	S	S	S	S	S	S	S
Hispanic	4,000	500	4,000	S	S	S	S	S	S
White	3,000	1,000	5,000	5,000	6,000	4,000	7,000	11,000	4,000
Other	5,000	4,000	S	S	S	S	S	S	S
Social services/related occupations	1,000	1,000	2,000	2,000	4,000	6,000	3,000	3,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	S	S	S	S	S	S	S	S
Black	1,000	500	1,000	S	S	S	S	S	S
Hispanic	2,000	1,000	S	S	S	S	S	S	S
White	1,000	500	2,000	3,000	2,000	5,000	5,000	4,000	S
Other	S	S	S	S	S	S	S	S	S
Other non-S&E occupations	500	1,000	1,000	1,000	2,000	2,000	2,000	1,000	1,000
American Indian/Alaska Native	9,000	S	S	S	S	S	S	S	S
Asian	1,000	1,000	6,000	6,000	1,000	2,000	6,000	5,000	2,000
Black	2,000	1,000	1,000	11,000	5,000	3,000	15,000	9,000	S
Hispanic	2,000	2,000	2,000	6,000	6,000	6,000	9,000	S	S
White	1,000	1,000	1,000	1,000	4,000	2,000	3,000	1,000	2,000
Other	2,000	1,000	S	S	S	S	S	S	S
Master's degrees, all occupations	1,000	500	1,000	500	2,000	3,000	2,000	1,000	5,000
American Indian/Alaska Native	1,000	3,000	25,000	S	S	S	S	S	S
Asian	5,000	2,000	1,000	3,000	2,000	5,000	6,000	2,000	10,000
Black	1,000	2,000	2,000	5,000	4,000	3,000	4,000	7,000	S
Hispanic	2,000	3,000	3,000	4,000	5,000	4,000	7,000	12,000	S
White	1,000	4,000	1,000	2,000	2,000	3,000	2,000	2,000	5,000
Other	5,000	7,000	12,000	7,000	7,000	7,000	34,000	S	S
S&E occupations	1,000	3,000	2,000	1,000	3,000	2,000	3,000	2,000	4,000
American Indian/Alaska Native	25,000	S	S	S	S	S	S	S	S
Asian	1,000	500	1,000	1,000	2,000	4,000	7,000	4,000	10,000
Black	2,000	5,000	11,000	4,000	2,000	13,000	12,000	S	S
Hispanic	2,000	9,000	10,000	5,000	11,000	19,000	S	S	S
White	1,000	1,000	4,000	2,000	3,000	3,000	3,000	3,000	5,000
Other	6,000	2,000	16,000	14,000	S	S	S	S	S
Scientists	1,000	2,000	1,000	2,000	1,000	4,000	3,000	3,000	7,000
American Indian/Alaska Native	27,000	S	S	S	S	S	S	S	S
Asian	500	1,000	2,000	1,000	2,000	4,000	10,000	6,000	S
Black	4,000	12,000	10,000	6,000	1,000	S	S	S	S
Hispanic	2,000	4,000	3,000	4,000	5,000	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	2,000	2,000	1,000	2,000	3,000	5,000	4,000	2,000	9,000
Other	5,000	19,000	10,000	S	S	S	S	S	S
Biological/agricultural/other life scientists	1,000	3,000	3,000	8,000	4,000	2,000	6,000	5,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	3,000	S	14,000	S	S	S	S	S
Black	8,000	8,000	S	S	S	S	S	S	S
Hispanic	6,000	7,000	S	S	S	S	S	S	S
White	2,000	2,000	2,000	10,000	6,000	2,000	6,000	3,000	S
Other	S	S	S	S	S	S	S	S	S
Agricultural/food scientists	5,000	9,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	6,000	9,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	2,000	1,000	5,000	7,000	7,000	12,000	6,000	18,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	6,000	S	14,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	5,000	6,000	S	S	S	S	S	S	S
White	5,000	2,000	5,000	8,000	9,000	14,000	7,000	S	S
Other	S	S	S	S	S	S	S	S	S
Environmental life scientists	3,000	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	3,000	17,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	3,000	19,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	2,000	2,000	2,000	500	3,000	4,000	4,000	5,000	13,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	1,000	1,000	2,000	4,000	4,000	14,000	6,000	S
Black	3,000	5,000	12,000	8,000	2,000	S	S	S	S
Hispanic	6,000	7,000	20,000	8,000	S	S	S	S	S
White	2,000	2,000	5,000	2,000	4,000	4,000	5,000	5,000	12,000
Other	10,000	S	S	S	S	S	S	S	S
Computer/information scientists	1,000	1,000	3,000	1,000	2,000	3,000	4,000	5,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	3,000	1,000	2,000	4,000	4,000	14,000	9,000	S
Black	4,000	5,000	12,000	5,000	9,000	S	S	S	S
Hispanic	2,000	20,000	15,000	5,000	S	S	S	S	S
White	2,000	7,000	3,000	3,000	4,000	4,000	3,000	7,000	9,000

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	10,000	S	S	S	S	S	S	S	S
Mathematical scientists	6,000	12,000	7,000	4,000	13,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	1,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	3,000	S	S	S	S	S	S	S	S
White	3,000	11,000	12,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-computer/ mathematical sciences	2,000	4,000	2,000	2,000	10,000	4,000	3,000	9,000	11,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	14,000	S	S	S	S	S	S	S	S
Black	1,000	S	S	S	S	S	S	S	S
Hispanic	21,000	S	S	S	S	S	S	S	S
White	1,000	7,000	1,000	6,000	S	S	S	S	25,000
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	2,000	6,000	3,000	7,000	7,000	10,000	8,000	4,000	17,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	13,000	S	S	S	S	S	S	S
Black	7,000	4,000	S	S	S	S	S	S	S
Hispanic	4,000	16,000	S	S	S	S	S	S	S
White	3,000	7,000	3,000	8,000	7,000	10,000	6,000	3,000	17,000
Other	21,000	S	S	S	S	S	S	S	S
Chemists, except biochemists	3,000	8,000	9,000	12,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	17,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	5,000	S	S	S	S	S	S	S	S
White	2,000	8,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	5,000	2,000	4,000	S	2,000	13,000	25,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	16,000	S	S	S	S	S	S	S	S
White	5,000	2,000	6,000	S	S	13,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Physicists/astronomers	13,000	500	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	8,000	1,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	3,000	1,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	5,000	2,000	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other	S	S	S	S	S	S	S	S	S
Other physical/related scientists	10,000	7,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	6,000	5,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Social/related scientists	2,000	5,000	1,000	3,000	8,000	5,000	7,000	6,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	17,000	S	S	S	S	S	S	S
Black	7,000	1,000	S	S	S	S	S	S	S
Hispanic	2,000	15,000	S	S	S	S	S	S	S
White	2,000	7,000	3,000	4,000	14,000	7,000	6,000	6,000	11,000
Other	9,000	S	S	S	S	S	S	S	S
Economists	12,000	2,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	9,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	8,000	1,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	8,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	5,000	2,000	11,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	13,000	S	S	S	S	S	S	S	S
White	7,000	2,000	13,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Psychologists	1,000	5,000	3,000	7,000	13,000	11,000	5,000	7,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	4,000	S	S	S	S	S	S	S	S
Hispanic	2,000	8,000	S	S	S	S	S	S	S
White	1,000	9,000	3,000	6,000	18,000	11,000	4,000	7,000	S
Other	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists	3,000	9,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	4,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other social/related scientists	6,000	2,000	6,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	11,000	3,000	5,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Engineers	1,000	4,000	2,000	1,000	2,000	1,000	4,000	3,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	3,000	2,000	3,000	3,000	8,000	9,000	6,000	10,000
Black	4,000	3,000	8,000	5,000	S	S	S	S	S
Hispanic	3,000	3,000	5,000	9,000	S	S	S	S	S
White	1,000	1,000	2,000	1,000	2,000	1,000	5,000	4,000	5,000
Other	9,000	7,000	S	S	S	S	S	S	S
Aerospace/aeronautical/astronautical engineers	3,000	5,000	3,000	6,000	7,000	9,000	12,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	15,000	S	S	S	S	S	S	S	S
White	3,000	5,000	1,000	11,000	9,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Chemical engineers	1,000	4,000	2,000	S	10,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	6,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	2,000	3,000	3,000	3,000	6,000	7,000	3,000	10,000	11,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	2,000	S	S	S	S	S	S	S
Black	6,000	S	S	S	S	S	S	S	S
Hispanic	11,000	4,000	S	S	S	S	S	S	S
White	2,000	500	4,000	5,000	9,000	10,000	3,000	14,000	7,000
Other	S	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	2,000	1,000	1,000	1,000	4,000	7,000	6,000	15,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	4,000	3,000	2,000	9,000	12,000	S	S	S
Black	11,000	7,000	S	S	S	S	S	S	S
Hispanic	3,000	3,000	S	S	S	S	S	S	S
White	2,000	2,000	2,000	2,000	4,000	7,000	8,000	14,000	17,000
Other	S	S	S	S	S	S	S	S	S
Industrial engineers	3,000	4,000	5,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	17,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	7,000	S	S	S	S	S	S	S	S
White	2,000	1,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	2,000	2,000	3,000	4,000	3,000	8,000	11,000	7,000	9,000

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	1,000	4,000	3,000	S	S	S	S	S
Black	11,000	8,000	S	S	S	S	S	S	S
Hispanic	6,000	1,000	S	S	S	S	S	S	S
White	3,000	3,000	5,000	5,000	5,000	10,000	9,000	8,000	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	6,000	1,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other engineers	3,000	4,000	6,000	4,000	2,000	14,000	5,000	9,000	34,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	5,000	10,000	S	S	S	S	S	S
Black	8,000	S	S	S	S	S	S	S	S
Hispanic	8,000	5,000	S	S	S	S	S	S	S
White	2,000	2,000	9,000	6,000	1,000	11,000	8,000	9,000	39,000
Other	S	S	S	S	S	S	S	S	S
S&E-related occupations	1,000	2,000	2,000	3,000	3,000	4,000	2,000	3,000	8,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S	S
Asian	4,000	2,000	7,000	7,000	3,000	13,000	14,000	S	S
Black	2,000	3,000	1,000	5,000	7,000	S	4,000	S	S
Hispanic	4,000	6,000	4,000	9,000	7,000	S	S	S	S
White	3,000	500	1,000	2,000	3,000	5,000	2,000	3,000	8,000
Other	13,000	11,000	S	S	S	S	S	S	S
Health-related occupations	3,000	1,000	1,000	3,000	4,000	5,000	2,000	4,000	15,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	6,000	21,000	S	S	4,000	S	S	S
Black	2,000	5,000	5,000	6,000	S	S	S	S	S
Hispanic	4,000	3,000	S	S	S	S	S	S	S
White	2,000	1,000	1,000	2,000	4,000	8,000	2,000	4,000	19,000
Other	8,000	S	S	S	S	S	S	S	S
S&E managers	2,000	4,000	6,000	7,000	7,000	4,000	4,000	11,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	S	S	S	S	S	S	S	S
Black	6,000	S	S	S	S	S	S	S	S
Hispanic	11,000	S	S	S	S	S	S	S	S
White	2,000	3,000	5,000	8,000	7,000	4,000	4,000	15,000	S
Other	S	S	S	S	S	S	S	S	S
S&E precollege teachers	500	2,000	2,000	1,000	3,000	1,000	4,000	2,000	11,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	S	S	S	S	S	S	S	S
Black	2,000	2,000	4,000	S	S	S	S	S	S
Hispanic	3,000	4,000	S	S	S	S	S	S	S
White	500	1,000	2,000	1,000	3,000	2,000	5,000	3,000	23,000
Other	13,000	S	S	S	S	S	S	S	S
S&E technicians/technologists	2,000	3,000	5,000	5,000	13,000	7,000	14,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	11,000	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	5,000	S	S	S	S	S	S	S	S
Hispanic	5,000	S	S	S	S	S	S	S	S
White	4,000	2,000	14,000	8,000	12,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other S&E-related occupations	4,000	6,000	6,000	5,000	4,000	7,000	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	13,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	5,000	S	9,000	4,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	1,000	1,000	2,000	2,000	3,000	4,000	5,000	5,000	4,000
American Indian/Alaska Native	5,000	4,000	S	S	S	S	S	S	S
Asian	6,000	1,000	6,000	8,000	6,000	16,000	12,000	5,000	3,000
Black	2,000	6,000	2,000	6,000	7,000	3,000	15,000	7,000	S
Hispanic	3,000	3,000	3,000	7,000	5,000	8,000	9,000	16,000	S
White	1,000	2,000	3,000	2,000	4,000	5,000	3,000	5,000	4,000
Other	5,000	6,000	12,000	S	S	S	S	S	S
Art/humanities/related occupations	4,000	9,000	6,000	23,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	4,000	2,000	S	21,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	3,000	2,000	5,000	4,000	5,000	4,000	8,000	4,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	5,000	9,000	6,000	S	S	S	S	S
Black	10,000	3,000	15,000	S	S	S	S	S	S
Hispanic	6,000	29,000	8,000	S	S	S	S	S	S
White	3,000	6,000	4,000	9,000	10,000	3,000	8,000	9,000	5,000
Other	23,000	S	S	S	S	S	S	S	S
Non-S&E managers	3,000	4,000	4,000	6,000	7,000	7,000	9,000	6,000	10,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	12,000	S	S	21,000	27,000	S	S	S	S
Black	9,000	4,000	S	S	S	S	S	S	S
Hispanic	17,000	2,000	S	S	S	S	S	S	S
White	3,000	7,000	5,000	6,000	12,000	7,000	12,000	13,000	9,000
Other	26,000	S	S	S	S	S	S	S	S
Non-S&E postsecondary teachers	1,000	7,000	2,000	6,000	5,000	1,000	S	40,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	30,000	S	S	S	S	S	S	S	S
Black	14,000	S	S	S	S	S	S	S	S
Hispanic	6,000	S	S	S	S	S	S	S	S
White	500	6,000	8,000	S	4,000	7,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	1,000	2,000	3,000	3,000	3,000	4,000	6,000	6,000	26,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	S	S	S	S	S	S	S	S
Black	5,000	2,000	S	S	S	S	S	S	S
Hispanic	7,000	2,000	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	1,000	2,000	4,000	3,000	3,000	4,000	3,000	5,000	26,000
Other	S	S	S	S	S	S	S	S	S
Sales/marketing occupations	3,000	2,000	5,000	9,000	12,000	13,000	13,000	10,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	21,000	22,000	S	S	S	S	S	S
Black	11,000	S	S	S	S	S	S	S	S
Hispanic	12,000	14,000	S	S	S	S	S	S	S
White	3,000	4,000	5,000	10,000	14,000	17,000	12,000	12,000	10,000
Other	S	S	S	S	S	S	S	S	S
Social services/related occupations	500	1,000	1,000	2,000	4,000	4,000	3,000	4,000	17,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	S	S	S	S	S	S	S	S
Black	4,000	1,000	3,000	4,000	S	S	S	S	S
Hispanic	5,000	2,000	10,000	S	S	S	S	S	S
White	1,000	1,000	500	3,000	5,000	5,000	3,000	6,000	20,000
Other	9,000	S	S	S	S	S	S	S	S
Other non-S&E occupations	2,000	1,000	8,000	6,000	6,000	3,000	5,000	6,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	2,000	S	S	S	S	S	S	S
Black	2,000	12,000	2,000	S	S	S	S	S	S
Hispanic	2,000	9,000	S	S	S	S	S	S	S
White	2,000	3,000	6,000	6,000	9,000	4,000	6,000	9,000	10,000
Other	4,000	S	S	S	S	S	S	S	S
Doctorate degrees, all occupations	2,000	1,000	2,000	500	1,000	3,000	3,000	4,000	3,000
American Indian/Alaska Native	2,000	S	20,000	S	S	S	S	S	S
Asian	1,000	3,000	1,000	4,000	3,000	3,000	4,000	5,000	9,000
Black	1,000	4,000	3,000	5,000	8,000	8,000	23,000	5,000	4,000
Hispanic	3,000	4,000	3,000	3,000	9,000	15,000	27,000	9,000	22,000
White	2,000	3,000	500	3,000	1,000	3,000	3,000	2,000	4,000
Other	6,000	13,000	2,000	8,000	14,000	4,000	15,000	4,000	S
S&E occupations	1,000	500	500	500	1,000	1,000	2,000	2,000	2,000
American Indian/Alaska Native	3,000	S	25,000	S	S	S	S	S	S
Asian	500	3,000	1,000	2,000	3,000	3,000	8,000	7,000	6,000
Black	3,000	4,000	5,000	11,000	5,000	10,000	7,000	16,000	S
Hispanic	2,000	3,000	2,000	3,000	6,000	12,000	11,000	8,000	S
White	1,000	2,000	2,000	3,000	2,000	1,000	2,000	2,000	2,000
Other	4,000	2,000	4,000	3,000	17,000	12,000	S	S	S
Scientists	1,000	2,000	500	1,000	500	2,000	500	2,000	3,000
American Indian/Alaska Native	4,000	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	3,000	8,000	4,000	4,000	9,000	18,000
Black	2,000	4,000	2,000	17,000	8,000	15,000	12,000	11,000	S
Hispanic	3,000	500	4,000	2,000	5,000	9,000	19,000	11,000	S
White	1,000	1,000	1,000	2,000	500	2,000	500	2,000	2,000
Other	1,000	3,000	8,000	3,000	17,000	12,000	S	S	S
Biological/agricultural/other life scientists	500	500	500	2,000	3,000	3,000	6,000	5,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	500	3,000	4,000	11,000	9,000	30,000	12,000	S
Black	10,000	2,000	5,000	48,000	S	S	S	S	S
Hispanic	3,000	3,000	6,000	5,000	13,000	S	S	S	S
White	1,000	1,000	1,000	4,000	3,000	3,000	6,000	4,000	3,000
Other	3,000	3,000	1,000	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Agricultural/food scientists	2,000	2,000	7,000	6,000	5,000	1,000	9,000	4,000	13,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	9,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	6,000	S	S	S	S	S	S	S	S
White	2,000	3,000	6,000	5,000	4,000	1,000	9,000	7,000	15,000
Other	S	S	S	S	S	S	S	S	S
Biological/medical scientists	3,000	1,000	2,000	1,000	6,000	3,000	7,000	7,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	500	4,000	4,000	15,000	10,000	30,000	S	S
Black	20,000	2,000	11,000	S	S	S	S	S	S
Hispanic	7,000	3,000	13,000	26,000	38,000	S	S	S	S
White	3,000	500	3,000	2,000	6,000	4,000	4,000	8,000	5,000
Other	6,000	2,000	S	S	S	S	S	S	S
Environmental life scientists	4,000	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	5,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-life/ related sciences	1,000	2,000	500	2,000	4,000	5,000	2,000	5,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	S	S	1,000	S	S	S	S	S
Black	12,000	S	2,000	S	S	S	S	S	S
Hispanic	1,000	S	1,000	500	S	S	S	S	S
White	500	2,000	500	1,000	4,000	4,000	2,000	5,000	7,000
Other	S	S	S	S	S	S	S	S	S
Computer/mathematical scientists	1,000	10,000	5,000	1,000	3,000	3,000	6,000	9,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	1,000	4,000	4,000	2,000	8,000	15,000	S	10,000	S
Black	9,000	16,000	1,000	15,000	S	S	S	S	S
Hispanic	10,000	9,000	12,000	50,000	S	S	S	S	S
White	3,000	8,000	3,000	5,000	5,000	5,000	7,000	12,000	4,000
Other	12,000	S	S	S	S	S	S	S	S
Computer/information scientists	2,000	7,000	4,000	1,000	4,000	1,000	10,000	5,000	20,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	7,000	7,000	3,000	14,000	5,000	S	S	S
Black	2,000	S	S	S	S	S	S	S	S
Hispanic	22,000	S	31,000	S	S	S	S	S	S
White	4,000	3,000	4,000	4,000	7,000	5,000	15,000	7,000	19,000
Other	S	S	S	S	S	S	S	S	S
Mathematical scientists	4,000	8,000	7,000	6,000	9,000	14,000	6,000	7,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	5,000	8,000	8,000	S	S	S	S	S
Black	8,000	S	S	S	S	S	S	S	S
Hispanic	7,000	S	S	S	S	S	S	S	S
White	5,000	14,000	1,000	9,000	11,000	20,000	S	9,000	10,000
Other	S	S	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Postsecondary teachers-computer/ mathematical sciences	2,000	6,000	3,000	1,000	5,000	3,000	6,000	5,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	14,000	5,000	5,000	6,000	S	S	S	S
Black	8,000	25,000	S	S	S	S	S	S	S
Hispanic	3,000	S	S	S	S	S	S	S	S
White	2,000	10,000	4,000	1,000	5,000	4,000	7,000	5,000	4,000
Other	S	S	S	S	S	S	S	S	S
Physical/related scientists	500	1,000	1,000	2,000	2,000	4,000	4,000	2,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	4,000	2,000	3,000	3,000	8,000	3,000	16,000	14,000	20,000
Black	2,000	2,000	3,000	S	S	S	S	S	S
Hispanic	7,000	1,000	5,000	6,000	12,000	S	S	S	S
White	2,000	2,000	1,000	2,000	2,000	4,000	4,000	3,000	5,000
Other	5,000	S	S	S	S	S	S	S	S
Chemists, except biochemists	3,000	7,000	3,000	1,000	1,000	6,000	6,000	11,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	18,000	3,000	3,000	8,000	S	S	S	S
Black	7,000	S	S	S	S	S	S	S	S
Hispanic	12,000	S	S	S	S	S	S	S	S
White	2,000	7,000	2,000	4,000	4,000	6,000	4,000	8,000	4,000
Other	S	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean scientists	2,000	3,000	3,000	3,000	6,000	5,000	12,000	11,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	3,000	10,000	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	12,000	S	S	S	S	S	S	S	S
White	2,000	9,000	3,000	2,000	5,000	6,000	9,000	12,000	3,000
Other	S	S	S	S	S	S	S	S	S
Physicists/astronomers	3,000	2,000	4,000	5,000	16,000	8,000	4,000	8,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	12,000	5,000	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	8,000	S	S	S	S	S	S	S	S
White	1,000	2,000	3,000	4,000	3,000	9,000	7,000	6,000	8,000
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-physical/ related sciences	1,000	2,000	3,000	2,000	2,000	1,000	3,000	5,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	S	3,000	S	S	S	S	S	S
Black	6,000	S	S	S	S	S	S	S	S
Hispanic	7,000	S	S	S	S	S	S	S	S
White	1,000	1,000	3,000	1,000	2,000	1,000	4,000	6,000	5,000
Other	6,000	S	S	S	S	S	S	S	S
Other physical/related scientists	7,000	6,000	19,000	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	7,000	6,000	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Social/related scientists	2,000	2,000	500	3,000	4,000	2,000	3,000	4,000	4,000
American Indian/Alaska Native	9,000	S	S	S	S	S	S	S	S
Asian	3,000	3,000	9,000	3,000	22,000	8,000	5,000	S	S
Black	2,000	5,000	5,000	3,000	4,000	13,000	4,000	S	S
Hispanic	3,000	500	2,000	3,000	7,000	6,000	S	S	S
White	1,000	1,000	1,000	3,000	4,000	2,000	3,000	3,000	4,000
Other	7,000	4,000	19,000	S	S	S	S	S	S
Economists	3,000	6,000	8,000	4,000	12,000	16,000	14,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	24,000	S	S	S	S	S	S	S	S
White	7,000	5,000	5,000	7,000	17,000	17,000	13,000	S	S
Other	S	S	S	S	S	S	S	S	S
Political/related scientists	5,000	10,000	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	5,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-social/ related sciences	1,000	1,000	2,000	2,000	3,000	2,000	2,000	6,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	7,000	3,000	10,000	2,000	19,000	S	S	S	S
Black	3,000	9,000	1,000	11,000	1,000	12,000	S	S	S
Hispanic	2,000	500	2,000	9,000	10,000	S	S	S	S
White	1,000	1,000	2,000	2,000	4,000	2,000	2,000	6,000	4,000
Other	5,000	S	S	S	S	S	S	S	S
Psychologists	2,000	1,000	1,000	2,000	5,000	2,000	3,000	3,000	15,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	3,000	S	S	S	S	S	S	S
Black	3,000	8,000	S	S	S	S	S	S	S
Hispanic	6,000	2,000	7,000	S	S	S	S	S	S
White	1,000	500	1,000	2,000	4,000	2,000	2,000	3,000	19,000
Other	8,000	S	S	S	S	S	S	S	S
Sociologists/anthropologists	5,000	8,000	3,000	5,000	10,000	3,000	17,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	3,000	11,000	3,000	S	12,000	4,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other social/related scientists	1,000	2,000	8,000	3,000	2,000	7,000	5,000	33,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	9,000	S	S	S	S	S	S	S	S
Black	5,000	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	2,000	2,000	9,000	11,000	3,000	9,000	S	S	S
Other	S	S	S	S	S	S	S	S	S
Engineers	2,000	1,000	1,000	2,000	1,000	4,000	2,000	4,000	3,000

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	3,000	2,000	6,000	1,000	6,000	4,000	4,000	14,000
Black	4,000	7,000	9,000	S	S	S	S	S	S
Hispanic	8,000	1,000	7,000	9,000	S	S	S	S	S
White	2,000	4,000	2,000	2,000	4,000	5,000	5,000	4,000	5,000
Other	7,000	S	S	S	S	S	S	S	S
Aerospace/aeronautical/astronautical engineers	5,000	2,000	4,000	6,000	8,000	S	5,000	4,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	8,000	S	5,000	10,000	5,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Chemical engineers	1,000	13,000	3,000	2,000	7,000	10,000	S	7,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	11,000	22,000	S	11,000	3,000	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	5,000	S	5,000	4,000	4,000	13,000	S	20,000	S
Other	S	S	S	S	S	S	S	S	S
Civil/architectural/sanitary engineers	4,000	4,000	5,000	5,000	5,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	1,000	S	1,000	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Electrical/computer hardware engineers	3,000	5,000	5,000	2,000	10,000	5,000	12,000	13,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	8,000	4,000	1,000	12,000	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	11,000	S	S	S	S	S	S	S	S
White	4,000	10,000	7,000	3,000	14,000	2,000	7,000	9,000	11,000
Other	S	S	S	S	S	S	S	S	S
Industrial engineers	42,000	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	44,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Mechanical engineers	2,000	10,000	3,000	7,000	1,000	4,000	15,000	18,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	2,000	6,000	4,000	3,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	3,000	12,000	7,000	16,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Postsecondary teachers-engineering	2,000	4,000	2,000	4,000	1,000	4,000	4,000	5,000	8,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	500	S	1,000	3,000	S	2,000	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Black	3,000	S	S	S	S	S	S	S	S
Hispanic	8,000	S	S	S	S	S	S	S	S
White	2,000	4,000	2,000	2,000	3,000	6,000	7,000	6,000	13,000
Other	S	S	S	S	S	S	S	S	S
Other engineers	1,000	9,000	500	3,000	1,000	9,000	5,000	7,000	16,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	5,000	4,000	4,000	5,000	S	S	S	S	S
Black	2,000	S	S	S	S	S	S	S	S
Hispanic	20,000	S	S	S	S	S	S	S	S
White	2,000	1,000	500	4,000	2,000	3,000	10,000	14,000	21,000
Other	S	S	S	S	S	S	S	S	S
S&E-related occupations	3,000	1,000	5,000	9,000	7,000	13,000	8,000	12,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	9,000	15,000	13,000	13,000	29,000	21,000	34,000	S
Black	4,000	8,000	6,000	8,000	9,000	24,000	S	S	S
Hispanic	15,000	3,000	4,000	12,000	40,000	S	S	S	S
White	3,000	2,000	2,000	8,000	4,000	18,000	7,000	9,000	8,000
Other	51,000	S	S	S	S	S	S	S	S
Health-related occupations	3,000	1,000	3,000	5,000	3,000	8,000	7,000	12,000	15,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	16,000	8,000	7,000	11,000	S	S	S	S	S
Black	6,000	3,000	5,000	2,000	S	S	S	S	S
Hispanic	21,000	3,000	2,000	S	S	S	S	S	S
White	5,000	1,000	3,000	6,000	2,000	11,000	5,000	8,000	20,000
Other	7,000	S	S	S	S	S	S	S	S
S&E managers	5,000	23,000	8,000	5,000	6,000	5,000	4,000	9,000	15,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	S	12,000	10,000	13,000	S	S	S	S
Black	6,000	S	S	S	S	S	S	S	S
Hispanic	25,000	S	S	S	S	S	S	S	S
White	1,000	4,000	10,000	4,000	7,000	6,000	5,000	9,000	17,000
Other	66,000	S	S	S	S	S	S	S	S
S&E precollege teachers	8,000	S	8,000	S	11,000	4,000	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	9,000	S	9,000	S	12,000	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
S&E technicians/technologists	7,000	S	11,000	6,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	10,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other S&E-related occupations	S	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
White	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Non-S&E occupations	3,000	3,000	6,000	4,000	9,000	6,000	9,000	8,000	20,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	10,000	11,000	17,000	13,000	6,000	14,000	30,000	33,000
Black	4,000	6,000	1,000	12,000	10,000	34,000	50,000	2,000	S
Hispanic	7,000	23,000	3,000	4,000	10,000	17,000	S	S	S
White	3,000	3,000	6,000	4,000	11,000	6,000	14,000	10,000	20,000
Other	26,000	S	S	S	S	S	S	S	S
Art/humanities/related occupations	9,000	16,000	6,000	13,000	19,000	20,000	S	35,000	45,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	7,000	S	6,000	14,000	S	21,000	S	S	60,000
Other	S	S	S	S	S	S	S	S	S
Management-related occupations	6,000	12,000	14,000	10,000	11,000	3,000	20,000	8,000	18,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	6,000	2,000	23,000	7,000	23,000	S	S	S	S
Black	54,000	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S	S
White	7,000	16,000	13,000	9,000	17,000	3,000	21,000	9,000	32,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E managers	4,000	30,000	8,000	15,000	7,000	14,000	12,000	5,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	19,000	S	5,000	24,000	12,000	500	56,000	S	S
Black	16,000	S	S	50,000	10,000	S	28,000	S	S
Hispanic	5,000	S	S	S	S	S	S	S	S
White	7,000	62,000	9,000	16,000	3,000	14,000	13,000	4,000	6,000
Other	15,000	S	S	S	S	S	S	S	S
Non-S&E postsecondary teachers	3,000	3,000	3,000	3,000	12,000	5,000	26,000	4,000	11,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	8,000	12,000	S	S	S	S	S	S	S
Black	3,000	S	S	S	S	S	S	S	S
Hispanic	10,000	20,000	S	S	S	S	S	S	S
White	1,000	3,000	4,000	5,000	13,000	6,000	28,000	5,000	12,000
Other	S	S	S	S	S	S	S	S	S
Non-S&E precollege/other teachers	16,000	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	9,000	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Sales/marketing occupations	10,000	44,000	8,000	5,000	12,000	46,000	10,000	48,000	14,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	25,000	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	12,000	S	8,000	13,000	13,000	13,000	8,000	51,000	12,000
Other	S	S	S	S	S	S	S	S	S

TABLE A-29. Standard error of median annual salaries of employed U.S. scientists and engineers, by highest degree attained, occupation, race/ethnicity, and years since highest degree: 2006

Level of highest degree, occupation, and race/ethnicity[a]	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Social services/related occupations	8,000	9,000	17,000	9,000	16,000	4,000	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S	S
Black	6,000	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S	S
White	9,000	9,000	S	15,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Other non-S&E occupations	4,000	39,000	17,000	6,000	15,000	7,000	10,000	8,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S	S
Asian	3,000	S	S	S	S	S	S	S	S
Black	7,000	S	S	S	S	S	S	S	S
Hispanic	21,000	S	S	S	S	S	S	S	S
White	10,000	6,000	21,000	19,000	17,000	9,000	46,000	1,000	5,000
Other	S	S	S	S	S	S	S	S	S

* = standard error is not calculated when estimate is less than 500; 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/occ03maj.html for a detailed description of the occupational 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.

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National Center for Science and Engineering Statistics

Lynda T. Carlson	John R. Gawalt
Director	*Deputy Director*
Stephen Cohen	Emilda B. Rivers
Chief Statistician	*Program Director, Human Resources Statistics Program*

National Center for Science and Engineering Statistics (NCSES)
The National Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia 22230, USA
Tel: (703) 292-8780, FIRS: (800) 877-8339 | TDD: (800) 281-8749