

Appendix table 3-16

Employed scientists and engineers, by race, ethnicity, and occupation: 2010

Occupation	Total	Asian		American Indian or Alaska Native		Black		Hispanic		White		Native Hawaiian or Other Pacific Islander		More than one race	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All occupations	21,903,000	2,542,000	11.6	58,000	0.3	1,318,000	6.0	1,468,000	6.7	16,155,000	73.8	69,000	0.3	294,000	1.3
S&E occupations	5,398,000	997,000	18.5	10,000	0.2	246,000	4.6	282,000	5.2	3,772,000	69.9	12,000	0.2	78,000	1.4
Computer and mathematical scientists	2,394,000	541,000	22.6	2,000	0.1	139,000	5.8	109,000	4.6	1,563,000	65.3	3,000	0.1	36,000	1.5
Computer and information scientists	2,179,000	500,000	22.9	2,000	0.1	130,000	6.0	100,000	4.6	1,410,000	64.7	3,000	0.1	34,000	1.6
Computer and information scientists, research	35,000	9,000	25.7	S	S	2,000	5.7	S	S	22,000	62.9	S	S	S	S
Computer network architect	42,000	S	S	S	S	2,000	4.8	2,000	4.8	20,000	47.6	S	S	S	S
Computer support specialists	219,000	24,000	11.0	S	S	34,000	15.5	12,000	5.5	144,000	65.8	1,000	0.5	4,000	1.8
Computer system analysts	325,000	81,000	24.9	S	S	25,000	7.7	16,000	4.9	200,000	61.5	S	S	2,000	0.6
Database administrators	107,000	23,000	21.5	S	S	5,000	4.7	3,000	2.8	76,000	71.0	S	S	S	S
Information security analysts	37,000	5,000	13.5	S	S	5,000	13.5	1,000	2.7	24,000	64.9	S	S	S	S
Network and computer systems administrators	181,000	23,000	12.7	S	S	11,000	6.1	12,000	6.6	131,000	72.4	S	S	4,000	2.2
Software developers—applications and systems software	431,000	129,000	29.9	S	S	12,000	2.8	18,000	4.2	266,000	61.7	S	S	5,000	1.2
Web developers	130,000	19,000	14.6	S	S	3,000	2.3	5,000	3.8	101,000	77.7	S	S	1,000	0.8
Other computer information science occupations	236,000	28,000	11.9	S	S	19,000	8.1	9,000	3.8	174,000	73.7	S	S	7,000	3.0
Computer engineers—software	435,000	143,000	32.9	S	S	12,000	2.8	20,000	4.6	251,000	57.7	S	S	8,000	1.8
Mathematical scientists	121,000	27,000	22.3	S	S	4,000	3.3	5,000	4.1	83,000	68.6	S	S	1,000	0.8
Mathematicians	12,000	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Operations research analysts, including modeling	53,000	S	S	S	S	2,000	3.8	2,000	3.8	33,000	62.3	S	S	S	S
Statisticians	41,000	10,000	24.4	S	S	2,000	4.9	3,000	7.3	25,000	61.0	S	S	S	S
Other mathematical scientists	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers—computer and math sciences	94,000	14,000	14.9	S	S	6,000	6.4	3,000	3.2	70,000	74.5	S	S	S	S
Computer science	25,000	5,000	20.0	S	S	1,000	4.0	1,000	4.0	18,000	72.0	S	S	S	S
Mathematics and statistics	69,000	9,000	13.0	S	S	4,000	5.8	2,000	2.9	52,000	75.4	S	S	S	S
Biological, agricultural, and environmental life scientists	597,000	116,000	19.4	1,000	0.2	16,000	2.7	29,000	4.9	423,000	70.9	S	S	9,000	1.5
Agricultural and food scientists	62,000	11,000	17.7	S	S	1,000	1.6	3,000	4.8	45,000	72.6	S	S	S	S
Biological and medical scientists	426,000	97,000	22.8	S	S	12,000	2.8	22,000	5.2	288,000	67.6	1,000	0.2	6,000	1.4
Biochemists and biophysicists	58,000	20,000	34.5	S	S	S	S	4,000	6.9	32,000	55.2	S	S	1,000	1.7
Biological scientists (e.g., botanists, ecologists, zoologists)	129,000	27,000	20.9	S	S	3,000	2.3	7,000	5.4	90,000	69.8	S	S	2,000	1.6
Medical scientists (excluding practitioners)	130,000	34,000	26.2	S	S	4,000	3.1	6,000	4.6	83,000	63.8	S	S	1,000	0.8
Other biological and life scientists	109,000	15,000	13.8	S	S	3,000	2.8	5,000	4.6	84,000	77.1	S	S	2,000	1.8
Forestry and conservation scientists	31,000	S	S	S	S	S	S	1,000	3.2	28,000	90.3	S	S	S	S
Postsecondary teachers—life and related sciences	77,000	7,000	9.1	S	S	3,000	3.9	4,000	5.2	62,000	80.5	S	S	1,000	1.3
Agriculture	6,000	S	S	S	S	S	S	S	S	6,000	100.0	S	S	S	S
Biological sciences	62,000	6,000	9.7	S	S	3,000	4.8	4,000	6.5	48,000	77.4	S	S	1,000	1.6
Other natural sciences	9,000	S	S	S	S	S	S	S	S	8,000	88.9	S	S	S	S
Physical and related scientists	320,000	44,000	13.8	1,000	0.3	11,000	3.4	15,000	4.7	244,000	76.3	1,000	0.3	5,000	1.6
Chemists, except biochemists	103,000	21,000	20.4	S	S	5,000	4.9	6,000	5.8	69,000	67.0	S	S	2,000	1.9
Earth scientists, geologists, and oceanographers	69,000	5,000	7.2	S	S	1,000	1.4	3,000	4.3	60,000	87.0	S	S	1,000	1.4
Atmospheric and space scientists	14,000	2,000	14.3	S	S	S	S	S	S	12,000	85.7	S	S	S	S
Geologists, including earth scientists	50,000	2,000	4.0	S	S	1,000	2.0	2,000	4.0	44,000	88.0	S	S	1,000	2.0
Oceanographers	5,000	1,000	20.0	S	S	S	S	S	S	4,000	80.0	S	S	S	S

Appendix table 3-16

Employed scientists and engineers, by race, ethnicity, and occupation: 2010

Occupation	Total	Asian		American Indian or Alaska Native		Black		Hispanic		White		Native Hawaiian or Other Pacific Islander		More than one race	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Physicists and astronomers	34,000	7,000	20.6	S	S	S	S	2,000	5.9	25,000	73.5	S	S	S	S
Astronomers	4,000	1,000	25.0	S	S	S	S	S	S	3,000	75.0	S	S	S	S
Physicists, except biophysicists	31,000	6,000	19.4	S	S	S	S	1,000	3.2	22,000	71.0	S	S	S	S
Other physical and related scientists	46,000	3,000	6.5	S	S	1,000	2.2	2,000	4.3	39,000	84.8	S	S	S	S
Postsecondary teachers—physical and related sciences	67,000	9,000	13.4	S	S	4,000	6.0	3,000	4.5	51,000	76.1	S	S	1,000	1.5
Chemistry	29,000	4,000	13.8	S	S	3,000	10.3	1,000	3.4	20,000	69.0	S	S	S	S
Earth, environmental, and marine science	19,000	1,000	5.3	S	S	S	S	S	S	17,000	89.5	S	S	S	S
Physics	19,000	3,000	15.8	S	S	S	S	1,000	5.3	15,000	78.9	S	S	S	S
Social and related scientists	518,000	33,000	6.4	1,000	0.2	24,000	4.6	29,000	5.6	420,000	81.1	S	S	10,000	1.9
Economists	30,000	4,000	13.3	S	S	1,000	3.3	2,000	6.7	22,000	73.3	S	S	S	S
Political scientists	23,000	S	S	S	S	S	S	S	S	21,000	91.3	S	S	S	S
Psychologists, including clinical	171,000	6,000	3.5	S	S	8,000	4.7	12,000	7.0	142,000	83.0	S	S	3,000	1.8
Sociologists and anthropologists	18,000	1,000	5.6	S	S	1,000	5.6	2,000	11.1	13,000	72.2	S	S	1,000	5.6
Anthropologists	11,000	S	S	S	S	S	S	S	S	8,000	72.7	S	S	1,000	9.1
Sociologists	8,000	S	S	S	S	1,000	12.5	1,000	12.5	5,000	62.5	S	S	S	S
Other social and related scientists	126,000	10,000	7.9	S	S	6,000	4.8	4,000	3.2	104,000	82.5	S	S	2,000	1.6
Postsecondary teachers—social and related sciences	150,000	12,000	8.0	1,000	0.7	7,000	4.7	7,000	4.7	119,000	79.3	S	S	4,000	2.7
Economics	19,000	5,000	26.3	S	S	1,000	5.3	1,000	5.3	13,000	68.4	S	S	S	S
Political science	18,000	1,000	5.6	S	S	1,000	5.6	1,000	5.6	14,000	77.8	S	S	S	S
Psychology	38,000	1,000	2.6	S	S	2,000	5.3	2,000	5.3	32,000	84.2	S	S	1,000	2.6
Sociology	19,000	1,000	5.3	S	S	1,000	5.3	1,000	5.3	15,000	78.9	S	S	S	S
Other social sciences	56,000	4,000	7.1	S	S	3,000	5.4	3,000	5.4	45,000	80.4	S	S	1,000	1.8
Engineers	1,569,000	262,000	16.7	5,000	0.3	56,000	3.6	99,000	6.3	1,123,000	71.6	5,000	0.3	19,000	1.2
Aerospace, aeronautical, or astronautical engineers	91,000	9,000	9.9	S	S	3,000	3.3	8,000	8.8	68,000	74.7	S	S	3,000	3.3
Chemical engineers	69,000	14,000	20.3	S	S	2,000	2.9	4,000	5.8	48,000	69.6	S	S	1,000	1.4
Civil, architectural, or sanitary engineers	228,000	26,000	11.4	1,000	0.4	9,000	3.9	18,000	7.9	169,000	74.1	1,000	0.4	3,000	1.3
Electrical or computer hardware engineers	385,000	100,000	26.0	S	S	17,000	4.4	20,000	5.2	240,000	62.3	2,000	0.5	5,000	1.3
Computer engineer—hardware	70,000	28,000	40.0	S	S	S	S	2,000	2.9	32,000	45.7	S	S	S	S
Electrical and electronics engineers	316,000	72,000	22.8	S	S	11,000	3.5	19,000	6.0	208,000	65.8	1,000	0.3	4,000	1.3
Industrial engineers	74,000	11,000	14.9	S	S	3,000	4.1	6,000	8.1	53,000	71.6	S	S	S	S
Mechanical engineers	299,000	33,000	11.0	1,000	0.3	9,000	3.0	17,000	5.7	235,000	78.6	S	S	3,000	1.0
Other engineers	380,000	54,000	14.2	S	S	11,000	2.9	24,000	6.3	285,000	75.0	1,000	0.3	4,000	1.1
Agricultural engineers	7,000	S	S	S	S	S	S	S	S	5,000	71.4	S	S	S	S
Bioengineers or biomedical engineers	22,000	6,000	27.3	S	S	S	S	2,000	9.1	13,000	59.1	S	S	S	S
Environmental engineers	64,000	7,000	10.9	S	S	3,000	4.7	4,000	6.3	50,000	78.1	S	S	S	S
Marine engineers and naval architects	10,000	1,000	10.0	S	S	S	S	S	S	8,000	80.0	S	S	S	S
Materials and metallurgical engineers	32,000	9,000	28.1	S	S	1,000	3.1	2,000	6.3	20,000	62.5	S	S	1,000	3.1
Mining and geological engineers	7,000	S	S	S	S	S	S	S	S	5,000	71.4	S	S	S	S
Nuclear engineers	21,000	2,000	9.5	S	S	S	S	1,000	4.8	17,000	81.0	S	S	S	S
Petroleum engineers	19,000	1,000	5.3	S	S	S	S	2,000	10.5	15,000	78.9	S	S	S	S
Sales engineers	63,000	5,000	7.9	S	S	1,000	1.6	4,000	6.3	52,000	82.5	S	S	S	S

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Occupation	Total	Asian		American Indian or Alaska Native		Black		Hispanic		White		Native Hawaiian or Other Pacific Islander		More than one race	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Other engineers	136,000	23,000	16.9	S	S	5,000	3.7	7,000	5.1	99,000	72.8	1,000	0.7	1,000	0.7
Postsecondary teachers—engineering	43,000	15,000	34.9	S	S	1,000	2.3	1,000	2.3	25,000	58.1	S	S	S	S
S&E-related occupations	6,957,000	788,000	11.3	21,000	0.3	393,000	5.6	447,000	6.4	5,193,000	74.6	29,000	0.4	85,000	1.2
Health-related occupations	4,325,000	508,000	11.7	14,000	0.3	263,000	6.1	295,000	6.8	3,168,000	73.2	21,000	0.5	57,000	1.3
Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)	1,051,000	171,000	16.3	S	S	51,000	4.9	65,000	6.2	733,000	69.7	S	S	19,000	1.8
Registered nurses, pharmacists, dieticians, therapists, physician assistants, nurse practitioners	1,977,000	212,000	10.7	6,000	0.3	103,000	5.2	128,000	6.5	1,495,000	75.6	8,000	0.4	27,000	1.4
Health technologists and technicians (e.g., dental hygienists, health record technicians, licensed practical nurses, laboratory/radiology technicians)	504,000	61,000	12.1	S	S	31,000	6.2	40,000	7.9	364,000	72.2	S	S	3,000	0.6
Other health occupations	652,000	54,000	8.3	S	S	64,000	9.8	54,000	8.3	471,000	72.2	3,000	0.5	5,000	0.8
Postsecondary teachers—health and related sciences	141,000	9,000	6.4	S	S	13,000	9.2	7,000	5.0	106,000	75.2	1,000	0.7	3,000	2.1
S&E managers	861,000	84,000	9.8	S	S	37,000	4.3	43,000	5.0	679,000	78.9	3,000	0.3	10,000	1.2
Computer and information systems managers	237,000	35,000	14.8	S	S	14,000	5.9	9,000	3.8	176,000	74.3	S	S	S	S
Engineering managers	272,000	30,000	11.0	S	S	5,000	1.8	13,000	4.8	217,000	79.8	S	S	4,000	1.5
Medical and health services managers	309,000	16,000	5.2	S	S	17,000	5.5	18,000	5.8	251,000	81.2	S	S	4,000	1.3
Natural sciences managers	43,000	3,000	7.0	S	S	1,000	2.3	3,000	7.0	35,000	81.4	S	S	S	S
S&E precollege teachers	917,000	45,000	4.9	1,000	0.1	40,000	4.4	55,000	6.0	769,000	83.9	1,000	0.1	7,000	0.8
Secondary—computer, math, or sciences	618,000	31,000	5.0	S	S	29,000	4.7	40,000	6.5	513,000	83.0	1,000	0.2	4,000	0.6
Secondary—social sciences	299,000	S	S	S	S	12,000	4.0	15,000	5.0	255,000	85.3	S	S	S	S
S&E technicians and technologists	654,000	130,000	19.9	S	S	37,000	5.7	45,000	6.9	430,000	65.7	4,000	0.6	7,000	1.1
Technologists and technicians in the biological/life sciences	92,000	20,000	21.7	S	S	6,000	6.5	7,000	7.6	56,000	60.9	S	S	S	S
Computer programmers (business, scientific, process control)	189,000	52,000	27.5	S	S	14,000	7.4	S	S	106,000	56.1	S	S	1,000	0.5
Electrical, electronic, industrial, and mechanical technicians	165,000	34,000	20.6	S	S	4,000	2.4	14,000	8.5	112,000	67.9	1,000	0.6	S	S
Drafting occupations, including computer drafting	32,000	3,000	9.4	S	S	S	S	3,000	9.4	25,000	78.1	S	S	S	S
Surveying and mapping technicians	8,000	S	S	S	S	S	S	S	S	8,000	100.0	S	S	S	S
Other engineering technologists and technicians	118,000	19,000	16.1	S	S	9,000	7.6	5,000	4.2	81,000	68.6	S	S	4,000	3.4
Surveyors, cartographers, photogrammetrists	15,000	S	S	S	S	S	S	S	S	14,000	93.3	S	S	S	S
Technologists and technicians in the mathematical sciences	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Technologists and technicians in the physical sciences	31,000	S	S	S	S	2,000	6.5	S	S	26,000	83.9	S	S	S	S
Other S&E-related occupations	199,000	21,000	10.6	S	S	S	S	10,000	5.0	147,000	73.9	S	S	S	S
Architects	158,000	17,000	10.8	S	S	5,000	3.2	10,000	6.3	123,000	77.8	S	S	S	S
Actuaries	41,000	4,000	9.8	S	S	S	S	S	S	24,000	58.5	S	S	S	S
Non-S&E occupations	9,549,000	756,000	7.9	27,000	0.3	678,000	7.1	739,000	7.7	7,190,000	75.3	28,000	0.3	130,000	1.4
Non-S&E managers	1,655,000	125,000	7.6	S	S	100,000	6.0	101,000	6.1	1,300,000	78.5	4,000	0.2	19,000	1.1
Top-level managers, executives, administrators (e.g., chief executive officer/chief operating officer/chief financial officer, president, district/general manager/provost)	1,014,000	87,000	8.6	S	S	51,000	5.0	55,000	5.4	802,000	79.1	2,000	0.2	11,000	1.1
Education administrators (e.g., registrar, dean, principal)	116,000	4,000	3.4	S	S	10,000	8.6	10,000	8.6	92,000	79.3	S	S	S	S
Other mid-level managers	524,000	33,000	6.3	S	S	39,000	7.4	37,000	7.1	406,000	77.5	2,000	0.4	7,000	1.3

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		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Management-related occupations	1,665,000	194,000	11.7	4,000	0.2	121,000	7.3	133,000	8.0	1,184,000	71.1	6,000	0.4	23,000	1.4
Accountants, auditors, and other financial specialists	587,000	98,000	16.7	S	S	37,000	6.3	37,000	6.3	407,000	69.3	2,000	0.3	5,000	0.9
Personnel, training, and labor relations specialists	217,000	12,000	5.5	S	S	20,000	9.2	18,000	8.3	161,000	74.2	S	S	6,000	2.8
Other management related occupations	860,000	84,000	9.8	3,000	0.3	64,000	7.4	77,000	9.0	616,000	71.6	3,000	0.3	12,000	1.4
Non-S&E precollege teachers	763,000	24,000	3.1	3,000	0.4	84,000	11.0	68,000	8.9	574,000	75.2	1,000	0.1	9,000	1.2
Prekindergarten and kindergarten	78,000	5,000	6.4	S	S	5,000	6.4	8,000	10.3	58,000	74.4	S	S	S	S
Elementary	310,000	9,000	2.9	S	S	33,000	10.6	33,000	10.6	231,000	74.5	S	S	3,000	1.0
Secondary—other subjects	138,000	3,000	2.2	S	S	S	S	15,000	10.9	96,000	69.6	S	S	2,000	1.4
Special education—primary and secondary	162,000	5,000	3.1	S	S	16,000	9.9	7,000	4.3	130,000	80.2	S	S	S	S
Other precollegiate area	75,000	1,000	1.3	S	S	S	S	5,000	6.7	59,000	78.7	S	S	S	S
Non-S&E postsecondary teachers	159,000	15,000	9.4	S	S	11,000	6.9	11,000	6.9	117,000	73.6	S	S	4,000	2.5
Arts, drama, and music	7,000	S	S	S	S	S	S	S	S	6,000	85.7	S	S	S	S
Business, commerce, and marketing	30,000	6,000	20.0	S	S	1,000	3.3	1,000	3.3	22,000	73.3	S	S	S	S
Education	28,000	3,000	10.7	S	S	3,000	10.7	3,000	10.7	18,000	64.3	S	S	1,000	3.6
English	16,000	S	S	S	S	1,000	6.3	1,000	6.3	12,000	75.0	S	S	S	S
Foreign language	12,000	2,000	16.7	S	S	S	S	2,000	16.7	7,000	58.3	S	S	S	S
History	10,000	S	S	S	S	S	S	S	S	7,000	70.0	S	S	S	S
Physical education	5,000	S	S	S	S	S	S	S	S	5,000	100.0	S	S	S	S
Other postsecondary fields	52,000	3,000	5.8	S	S	5,000	9.6	4,000	7.7	40,000	76.9	S	S	1,000	1.9
Social services and related occupations	747,000	30,000	4.0	1,000	0.1	102,000	13.7	72,000	9.6	533,000	71.4	1,000	0.1	10,000	1.3
Clergy and other religious workers	101,000	4,000	4.0	S	S	6,000	5.9	3,000	3.0	87,000	86.1	S	S	S	S
Counselors (e.g., educational, vocational, mental health, and substance abuse)	339,000	16,000	4.7	S	S	38,000	11.2	41,000	12.1	238,000	70.2	1,000	0.3	6,000	1.8
Social workers	307,000	9,000	2.9	S	S	57,000	18.6	28,000	9.1	208,000	67.8	S	S	4,000	1.3
Sales and marketing occupations	1,351,000	105,000	7.8	3,000	0.2	48,000	3.6	86,000	6.4	1,093,000	80.9	2,000	0.1	14,000	1.0
Insurance, securities, real estate, and business services	393,000	37,000	9.4	S	S	15,000	3.8	29,000	7.4	309,000	78.6	S	S	3,000	0.8
Sales—commodities except retail (e.g., industrial/medical/dental machinery, equipment, supplies)	216,000	11,000	5.1	S	S	3,000	1.4	10,000	4.6	186,000	86.1	S	S	4,000	1.9
Sales—retail (e.g., furnishings, clothing, motor vehicles, cosmetics)	295,000	21,000	7.1	S	S	13,000	4.4	22,000	7.5	234,000	79.3	S	S	4,000	1.4
Other marketing and sales occupations	448,000	36,000	8.0	S	S	17,000	3.8	25,000	5.6	364,000	81.3	2,000	0.4	4,000	0.9
Arts, humanities, and related occupations	296,000	17,000	5.7	S	S	14,000	4.7	26,000	8.8	235,000	79.4	S	S	4,000	1.4
Writers, editors, public relations specialists, artists, entertainers, broadcasters	291,000	17,000	5.8	S	S	14,000	4.8	25,000	8.6	230,000	79.0	S	S	4,000	1.4
Historians	6,000	S	S	S	S	S	S	S	S	5,000	83.3	S	S	S	S
Other non-S&E occupations	2,912,000	247,000	8.5	7,000	0.2	199,000	6.8	244,000	8.4	2,154,000	74.0	14,000	0.5	47,000	1.6
Accounting clerks and bookkeepers	113,000	21,000	18.6	S	S	5,000	4.4	3,000	2.7	82,000	72.6	S	S	1,000	0.9
Secretaries, receptionists, typists	171,000	11,000	6.4	S	S	11,000	6.4	32,000	18.7	114,000	66.7	S	S	3,000	1.8
Other administrative (e.g., record clerks, telephone operators)	373,000	48,000	12.9	S	S	39,000	10.5	42,000	11.3	234,000	62.7	2,000	0.5	6,000	1.6
Farmers, foresters, and fishermen	95,000	1,000	1.1	S	S	S	S	1,000	1.1	89,000	93.7	S	S	1,000	1.1
Lawyers, judges	614,000	25,000	4.1	2,000	0.3	25,000	4.1	36,000	5.9	516,000	84.0	S	S	10,000	1.6

Appendix table 3-16

Employed scientists and engineers, by race, ethnicity, and occupation: 2010

Occupation	Total	Asian		American Indian or Alaska Native		Black		Hispanic		White		Native Hawaiian or Other Pacific Islander		More than one race	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Librarians, archivists, curators	62,000	5,000	8.1	S	S	3,000	4.8	2,000	3.2	49,000	79.0	S	S	S	S
Food preparation and service (e.g., cooks, waitresses, bartenders)	154,000	36,000	23.4	S	S	5,000	3.2	13,000	8.4	92,000	59.7	1,000	0.6	7,000	4.5
Protective services (e.g., firefighters, police, guards, wardens, park rangers)	148,000	7,000	4.7	S	S	16,000	10.8	12,000	8.1	110,000	74.3	S	S	3,000	2.0
Other service occupations, except health (e.g., probation officer, human services work)	366,000	29,000	7.9	S	S	46,000	12.6	37,000	10.1	246,000	67.2	1,000	0.3	4,000	1.1
Other teachers and instructors (e.g., private tutors, dance, flying, martial arts)	177,000	8,000	4.5	S	S	14,000	7.9	10,000	5.6	135,000	76.3	S	S	3,000	1.7
Construction and extraction occupations	106,000	8,000	7.5	S	S	3,000	2.8	5,000	4.7	90,000	84.9	S	S	S	S
Installation, maintenance, and repair occupations	107,000	5,000	4.7	S	S	3,000	2.8	19,000	17.8	79,000	73.8	S	S	S	S
Precision/production occupations (e.g., metal/wood workers, butchers, bakers, assemblers, tailors)	110,000	8,000	7.3	S	S	5,000	4.5	9,000	8.2	86,000	78.2	S	S	2,000	1.8
Transportation and material moving occupations	162,000	18,000	11.1	S	S	15,000	9.3	7,000	4.3	119,000	73.5	S	S	2,000	1.2
Other occupations	154,000	14,000	9.1	S	S	10,000	6.5	15,000	9.7	112,000	72.7	S	S	3,000	1.9

S = suppressed for reasons of confidentiality and/or reliability.

NOTES: Scientists and engineers include those with one or more S&E or S&E-related degrees at the bachelor's level or higher or those who have only a non-S&E degree at the bachelor's level or higher and are employed in an S&E or S&E-related occupation. Hispanic may be any race. American Indian or Alaska Native, Asian, black or African American, Native Hawaiian or Other Pacific Islander, white, and more than one race refer to individuals who are not of Hispanic origin. Detail may not add to total because of rounding. Numbers are rounded to the nearest 1,000. Percentages are based on rounded numbers.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2010), <http://sestat.nsf.gov/>.

Science and Engineering Indicators 2014