

TABLE 16. Employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003

Level of highest degree and occupation	Employed scientists and engineers	Educational institution									
		Business/industry				4-year college/university			Government		
		Total	Profit	Self-employed	Nonprofit	Total	Other	Total	Federal	State/local	
All degree levels and occupations ^a	18,021,000	12,477,000	9,678,000	1,241,000	1,559,000	3,401,000	1,505,000	1,896,000	2,142,000	803,000	1,339,000
S&E occupations	4,817,000	3,454,000	3,091,000	187,000	177,000	765,000	620,000	144,000	598,000	285,000	313,000
Scientists	3,262,000	2,181,000	1,886,000	139,000	156,000	691,000	552,000	139,000	390,000	179,000	212,000
Biological/agricultural/other life scientists	444,000	154,000	123,000	8,000	23,000	200,000	189,000	11,000	90,000	48,000	42,000
Agricultural/food scientists	48,000	25,000	22,000	1,000	2,000	13,000	12,000	S	11,000	6,000	5,000
Biological/medical scientists	298,000	114,000	91,000	5,000	19,000	127,000	126,000	*	57,000	30,000	27,000
Environmental life scientists	39,000	15,000	10,000	2,000	2,000	3,000	3,000	S	22,000	12,000	9,000
Postsecondary teachers-life/related sciences	57,000	S	S	S	S	57,000	47,000	10,000	S	S	S
Computer/mathematical scientists	2,008,000	1,621,000	1,483,000	61,000	77,000	215,000	154,000	61,000	172,000	80,000	92,000
Computer/information scientists	1,849,000	1,582,000	1,449,000	59,000	74,000	116,000	88,000	28,000	152,000	67,000	85,000
Mathematical scientists	67,000	38,000	33,000	2,000	3,000	9,000	8,000	1,000	20,000	13,000	7,000
Postsecondary teachers-computer/mathematical sciences	92,000	1,000	1,000	1,000	S	91,000	59,000	32,000	S	S	S
Physical/related scientists	315,000	174,000	162,000	7,000	6,000	87,000	80,000	7,000	53,000	25,000	28,000
Chemists, except biochemists	124,000	100,000	97,000	1,000	2,000	12,000	12,000	S	13,000	6,000	7,000
Earth/atmospheric/ocean scientists	71,000	43,000	38,000	4,000	1,000	8,000	8,000	S	20,000	11,000	9,000
Physicists/astronomers	31,000	14,000	12,000	1,000	1,000	12,000	11,000	S	5,000	5,000	1,000
Postsecondary teachers-physical/related sciences	52,000	*	S	S	S	51,000	44,000	7,000	S	S	S
Other physical/related scientists	37,000	17,000	15,000	1,000	1,000	4,000	4,000	S	16,000	4,000	12,000
Social/related scientists	495,000	231,000	118,000	62,000	51,000	189,000	129,000	59,000	74,000	25,000	49,000
Economists	35,000	19,000	14,000	4,000	2,000	4,000	4,000	S	11,000	8,000	3,000
Political/related scientists	14,000	7,000	3,000	*	4,000	1,000	1,000	S	6,000	3,000	3,000
Postsecondary teachers-social/related sciences	106,000	1,000	*	S	S	104,000	85,000	19,000	*	S	*
Psychologists	181,000	98,000	33,000	45,000	20,000	63,000	23,000	40,000	20,000	6,000	14,000
Sociologists/anthropologists	22,000	11,000	5,000	3,000	3,000	6,000	6,000	S	4,000	3,000	1,000
Other social/related scientists	138,000	95,000	64,000	10,000	21,000	10,000	9,000	1,000	33,000	6,000	28,000
Engineers	1,555,000	1,273,000	1,204,000	48,000	21,000	74,000	68,000	6,000	208,000	107,000	101,000
Aerospace/aeronautical/astronautical engineers	95,000	75,000	71,000	3,000	1,000	3,000	2,000	S	18,000	18,000	*
Chemical engineers	75,000	67,000	64,000	2,000	1,000	3,000	3,000	S	5,000	5,000	S
Civil/architectural/sanitary engineers	247,000	163,000	149,000	13,000	1,000	2,000	2,000	S	82,000	16,000	66,000
Electrical/computer hardware engineers	367,000	325,000	312,000	7,000	6,000	11,000	11,000	S	31,000	25,000	6,000
Industrial engineers	86,000	80,000	75,000	3,000	2,000	1,000	1,000	S	4,000	3,000	1,000
Mechanical engineers	272,000	246,000	238,000	5,000	3,000	8,000	8,000	S	17,000	14,000	4,000
Postsecondary teachers-engineering	33,000	S	S	S	S	33,000	29,000	4,000	S	S	S
Other engineers	380,000	317,000	295,000	15,000	7,000	13,000	13,000	S	50,000	26,000	24,000
S&E-related occupations	5,331,000	3,473,000	2,339,000	377,000	757,000	1,393,000	539,000	854,000	465,000	157,000	308,000
Health-related occupations	3,515,000	2,573,000	1,580,000	306,000	687,000	613,000	478,000	135,000	329,000	112,000	218,000

TABLE 16. Employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003

Level of highest degree and occupation	Employed scientists and engineers	Educational institution									
		Business/industry				4-year college/university			Government		
		Total	Profit	Self-employed	Nonprofit	Total	Other	Total	Federal	State/local	
S&E managers	386,000	303,000	250,000	5,000	48,000	25,000	22,000	3,000	58,000	22,000	36,000
S&E precollege teachers	716,000	4,000	1,000	S	S	710,000	S	709,000	2,000	S	2,000
S&E technicians/technologists	500,000	395,000	358,000	19,000	17,000	41,000	36,000	6,000	64,000	20,000	44,000
Other S&E-related occupations	214,000	197,000	149,000	44,000	5,000	5,000	3,000	1,000	12,000	4,000	9,000
Non-S&E occupations	7,873,000	5,551,000	4,249,000	678,000	625,000	1,243,000	346,000	898,000	1,079,000	361,000	718,000
Art/humanities/related occupations	248,000	221,000	143,000	60,000	17,000	13,000	11,000	2,000	14,000	7,000	7,000
Management-related occupations	1,310,000	1,058,000	885,000	85,000	88,000	72,000	49,000	23,000	181,000	81,000	99,000
Non-S&E managers	922,000	680,000	603,000	9,000	67,000	139,000	47,000	91,000	103,000	41,000	62,000
Non-S&E postsecondary teachers	140,000	3,000	2,000	S	*	130,000	102,000	29,000	6,000	3,000	3,000
Non-S&E precollege/other teachers	600,000	26,000	8,000	6,000	12,000	568,000	3,000	566,000	5,000	S	5,000
Sales/marketing occupations	1,322,000	1,304,000	1,098,000	167,000	38,000	7,000	6,000	S	11,000	6,000	6,000
Social services/related occupations	621,000	313,000	67,000	24,000	222,000	133,000	33,000	100,000	175,000	9,000	166,000
Other non-S&E occupations	2,711,000	1,946,000	1,442,000	325,000	179,000	181,000	95,000	86,000	584,000	213,000	371,000
Bachelor's degrees, all occupations	10,490,000	7,801,000	6,256,000	603,000	942,000	1,408,000	566,000	841,000	1,281,000	449,000	831,000
S&E occupations	2,786,000	2,204,000	2,025,000	84,000	95,000	225,000	184,000	41,000	358,000	150,000	208,000
Scientists	1,777,000	1,358,000	1,220,000	56,000	83,000	202,000	165,000	38,000	216,000	84,000	132,000
Biological/agricultural/other life scientists	182,000	77,000	66,000	4,000	7,000	59,000	58,000	1,000	46,000	20,000	26,000
Agricultural/food scientists	26,000	15,000	14,000	S	S	4,000	3,000	S	8,000	2,000	5,000
Biological/medical scientists	118,000	50,000	42,000	2,000	6,000	45,000	45,000	S	23,000	8,000	15,000
Environmental life scientists	29,000	12,000	10,000	S	1,000	S	S	S	15,000	9,000	6,000
Postsecondary teachers-life/related sciences	9,000	S	S	S	S	9,000	8,000	S	S	S	S
Computer/mathematical scientists	1,332,000	1,119,000	1,022,000	40,000	56,000	98,000	66,000	32,000	116,000	49,000	67,000
Computer/information scientists	1,282,000	1,102,000	1,007,000	39,000	55,000	75,000	55,000	20,000	105,000	42,000	63,000
Mathematical scientists	29,000	16,000	14,000	S	S	2,000	2,000	S	10,000	7,000	4,000
Postsecondary teachers-computer/mathematical sciences	21,000	S	S	S	S	20,000	9,000	11,000	S	S	S
Physical/related scientists	139,000	89,000	85,000	3,000	1,000	24,000	23,000	S	27,000	8,000	19,000
Chemists, except biochemists	69,000	57,000	56,000	*	*	5,000	5,000	S	6,000	2,000	4,000
Earth/atmospheric/ocean scientists	33,000	20,000	18,000	2,000	S	3,000	3,000	S	11,000	5,000	6,000
Physicists/astronomers	5,000	2,000	2,000	S	S	3,000	3,000	S	*	*	S
Postsecondary teachers-physical/related sciences	10,000	S	S	S	S	10,000	9,000	S	S	S	S
Other physical/related scientists	22,000	10,000	9,000	S	S	3,000	3,000	S	10,000	1,000	9,000
Social/related scientists	123,000	74,000	48,000	8,000	18,000	22,000	18,000	4,000	27,000	6,000	21,000
Economists	9,000	6,000	3,000	S	S	1,000	1,000	S	2,000	2,000	1,000
Political/related scientists	9,000	5,000	2,000	S	3,000	S	S	S	3,000	1,000	2,000
Postsecondary teachers-social/related sciences	9,000	S	S	S	S	8,000	5,000	3,000	S	S	S
Psychologists	14,000	6,000	5,000	S	S	6,000	5,000	1,000	2,000	S	S

TABLE 16. Employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003

Level of highest degree and occupation	Employed scientists and engineers	Educational institution									
		Business/industry				4-year college/university			Government		
		Total	Profit	Self-employed	Nonprofit	Total	Other	Total	Federal	State/local	
Sociologists/anthropologists	9,000	5,000	3,000	S	S	1,000	1,000	S	2,000	S	S
Other social/related scientists	74,000	52,000	34,000	4,000	14,000	5,000	5,000	S	18,000	2,000	16,000
Engineers	1,010,000	846,000	805,000	28,000	12,000	22,000	19,000	3,000	142,000	66,000	76,000
Aerospace/aeronautical/astronautical engineers	53,000	43,000	43,000	S	*	1,000	*	S	9,000	8,000	S
Chemical engineers	45,000	39,000	39,000	1,000	S	1,000	1,000	S	4,000	4,000	S
Civil/architectural/sanitary engineers	174,000	112,000	102,000	9,000	S	1,000	1,000	S	61,000	11,000	50,000
Electrical/computer hardware engineers	229,000	205,000	198,000	4,000	4,000	3,000	3,000	S	20,000	16,000	4,000
Industrial engineers	60,000	58,000	55,000	2,000	1,000	1,000	1,000	S	2,000	2,000	1,000
Mechanical engineers	188,000	173,000	167,000	4,000	2,000	4,000	4,000	S	11,000	8,000	3,000
Postsecondary teachers-engineering	5,000	S	S	S	S	5,000	4,000	2,000	S	S	S
Other engineers	255,000	216,000	202,000	9,000	4,000	5,000	5,000	S	33,000	17,000	17,000
S&E-related occupations	2,956,000	1,990,000	1,357,000	124,000	509,000	674,000	258,000	417,000	291,000	79,000	213,000
Health-related occupations	1,829,000	1,350,000	806,000	76,000	468,000	277,000	221,000	56,000	203,000	52,000	150,000
S&E managers	219,000	184,000	154,000	4,000	26,000	9,000	8,000	S	26,000	6,000	20,000
S&E precollege teachers	357,000	S	S	S	S	355,000	S	355,000	S	S	S
S&E technicians/technologists	401,000	318,000	289,000	15,000	14,000	29,000	26,000	3,000	54,000	18,000	36,000
Other S&E-related occupations	149,000	137,000	107,000	29,000	1,000	4,000	3,000	S	8,000	2,000	6,000
Non-S&E occupations	4,747,000	3,607,000	2,874,000	395,000	338,000	509,000	125,000	384,000	631,000	221,000	410,000
Art/humanities/related occupations	160,000	145,000	104,000	32,000	10,000	6,000	5,000	1,000	8,000	3,000	5,000
Management-related occupations	793,000	663,000	563,000	49,000	51,000	36,000	25,000	11,000	95,000	45,000	50,000
Non-S&E managers	456,000	392,000	364,000	8,000	20,000	17,000	4,000	13,000	47,000	21,000	26,000
Non-S&E postsecondary teachers	26,000	2,000	2,000	S	S	22,000	16,000	5,000	2,000	S	S
Non-S&E precollege/other teachers	304,000	15,000	5,000	3,000	7,000	286,000	1,000	285,000	3,000	S	3,000
Sales/marketing occupations	980,000	965,000	814,000	121,000	29,000	7,000	6,000	S	9,000	3,000	5,000
Social services/related occupations	240,000	117,000	22,000	2,000	92,000	28,000	12,000	16,000	95,000	S	94,000
Other non-S&E occupations	1,789,000	1,309,000	1,000,000	180,000	130,000	107,000	55,000	51,000	372,000	145,000	227,000
Master's degrees, all occupations	4,979,000	3,026,000	2,293,000	293,000	440,000	1,346,000	370,000	976,000	607,000	239,000	368,000
S&E occupations	1,424,000	1,009,000	889,000	66,000	54,000	235,000	151,000	84,000	180,000	93,000	87,000
Scientists	974,000	640,000	543,000	50,000	47,000	212,000	130,000	82,000	123,000	59,000	64,000
Biological/agricultural/other life scientists	98,000	33,000	24,000	2,000	7,000	39,000	33,000	6,000	25,000	13,000	13,000
Agricultural/food scientists	13,000	5,000	4,000	S	S	5,000	5,000	S	2,000	2,000	S
Biological/medical scientists	63,000	25,000	20,000	S	5,000	20,000	19,000	S	18,000	9,000	9,000
Environmental life scientists	9,000	3,000	S	S	1,000	S	S	S	6,000	2,000	3,000
Postsecondary teachers-life/related sciences	13,000	S	S	S	S	13,000	7,000	6,000	S	S	S
Computer/mathematical scientists	578,000	455,000	420,000	17,000	17,000	74,000	48,000	27,000	49,000	27,000	23,000
Computer/information scientists	515,000	439,000	406,000	16,000	17,000	33,000	26,000	7,000	42,000	23,000	20,000
Mathematical scientists	25,000	15,000	14,000	S	1,000	4,000	3,000	S	7,000	4,000	3,000

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Level of highest degree and occupation	Employed scientists and engineers	Educational institution									
		Business/industry				4-year college/university			Government		
		Total	Profit	Self-employed	Nonprofit	Total	Other	Total	Federal	State/local	
Postsecondary teachers-computer/mathematical sciences	38,000	S	S	S	S	37,000	19,000	19,000	S	S	S
Physical/related scientists	83,000	49,000	45,000	2,000	2,000	19,000	15,000	4,000	15,000	8,000	7,000
Chemists, except biochemists	25,000	20,000	20,000	S	S	2,000	2,000	S	3,000	2,000	1,000
Earth/atmospheric/ocean scientists	27,000	19,000	17,000	2,000	S	2,000	2,000	S	6,000	3,000	2,000
Physicists/astronomers	8,000	5,000	5,000	S	S	2,000	2,000	S	1,000	1,000	S
Postsecondary teachers-physical/related sciences	12,000	S	S	S	S	12,000	8,000	4,000	S	S	S
Other physical/related scientists	10,000	5,000	4,000	S	1,000	S	S	S	5,000	2,000	3,000
Social/related scientists	215,000	102,000	53,000	29,000	20,000	80,000	35,000	45,000	33,000	12,000	21,000
Economists	17,000	9,000	7,000	S	1,000	2,000	2,000	S	6,000	4,000	2,000
Political/related scientists	4,000	1,000	S	S	S	*	*	S	2,000	1,000	S
Postsecondary teachers-social/related sciences	30,000	S	S	S	S	30,000	18,000	12,000	S	S	S
Psychologists	100,000	48,000	16,000	20,000	11,000	42,000	9,000	33,000	10,000	2,000	7,000
Sociologists/anthropologists	8,000	4,000	1,000	2,000	S	3,000	3,000	S	1,000	S	1,000
Other social/related scientists	56,000	40,000	28,000	6,000	6,000	3,000	3,000	S	13,000	3,000	10,000
Engineers	450,000	369,000	346,000	16,000	7,000	23,000	21,000	2,000	57,000	34,000	23,000
Aerospace/aeronautical/astronautical engineers	37,000	27,000	25,000	S	S	1,000	1,000	S	8,000	8,000	S
Chemical engineers	21,000	20,000	18,000	S	S	1,000	1,000	S	S	S	S
Civil/architectural/sanitary engineers	68,000	48,000	44,000	3,000	S	1,000	1,000	S	19,000	5,000	14,000
Electrical/computer hardware engineers	118,000	103,000	99,000	3,000	2,000	5,000	5,000	S	9,000	8,000	2,000
Industrial engineers	23,000	20,000	18,000	S	S	*	*	S	2,000	2,000	S
Mechanical engineers	74,000	65,000	64,000	1,000	1,000	3,000	3,000	S	5,000	5,000	*
Postsecondary teachers-engineering	8,000	S	S	S	S	7,000	6,000	2,000	S	S	S
Other engineers	102,000	85,000	78,000	5,000	2,000	4,000	4,000	S	13,000	7,000	6,000
S&E-related occupations	1,228,000	611,000	394,000	65,000	152,000	503,000	86,000	417,000	113,000	46,000	67,000
Health-related occupations	599,000	382,000	211,000	45,000	127,000	146,000	70,000	76,000	72,000	30,000	42,000
S&E managers	135,000	99,000	80,000	S	18,000	10,000	9,000	S	27,000	13,000	14,000
S&E precollege teachers	341,000	3,000	S	S	S	338,000	S	337,000	1,000	S	S
S&E technicians/technologists	89,000	70,000	64,000	4,000	3,000	9,000	7,000	S	10,000	2,000	8,000
Other S&E-related occupations	62,000	58,000	39,000	15,000	S	S	S	S	4,000	S	3,000
Non-S&E occupations	2,328,000	1,406,000	1,009,000	162,000	235,000	608,000	133,000	475,000	314,000	100,000	214,000
Art/humanities/related occupations	74,000	63,000	36,000	21,000	6,000	6,000	5,000	S	5,000	3,000	1,000
Management-related occupations	457,000	353,000	291,000	31,000	31,000	28,000	17,000	11,000	77,000	32,000	44,000
Non-S&E managers	362,000	235,000	198,000	S	37,000	81,000	18,000	63,000	46,000	15,000	31,000
Non-S&E postsecondary teachers	63,000	S	S	S	S	59,000	39,000	20,000	3,000	S	1,000
Non-S&E precollege/other teachers	283,000	10,000	3,000	3,000	5,000	270,000	1,000	268,000	3,000	S	3,000
Sales/marketing occupations	304,000	302,000	253,000	40,000	8,000	S	S	S	2,000	S	S
Social services/related occupations	353,000	175,000	41,000	21,000	113,000	100,000	18,000	82,000	78,000	7,000	71,000

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		Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Nonprofit	Total	4-year college/university	Other	Total	Federal	State/local
Other non-S&E occupations	432,000	267,000	187,000	45,000	35,000	63,000	34,000	29,000	102,000	39,000	63,000
Doctorate degrees, all occupations	885,000	366,000	267,000	48,000	52,000	444,000	385,000	59,000	75,000	50,000	25,000
S&E occupations	558,000	216,000	163,000	30,000	24,000	289,000	272,000	18,000	52,000	39,000	13,000
Scientists	465,000	159,000	111,000	26,000	22,000	261,000	244,000	17,000	45,000	33,000	12,000
Biological/agricultural/other life scientists	148,000	38,000	29,000	2,000	7,000	93,000	90,000	3,000	17,000	14,000	3,000
Agricultural/food scientists	9,000	4,000	3,000	*	*	4,000	4,000	S	2,000	2,000	*
Biological/medical scientists	103,000	34,000	26,000	2,000	6,000	54,000	54,000	*	15,000	12,000	3,000
Environmental life scientists	2,000	*	S	S	*	1,000	1,000	S	1,000	1,000	S
Postsecondary teachers-life/related sciences	34,000	S	S	S	S	34,000	31,000	3,000	S	S	S
Computer/mathematical scientists	86,000	40,000	36,000	3,000	2,000	41,000	38,000	3,000	5,000	3,000	2,000
Computer/information scientists	43,000	35,000	31,000	2,000	1,000	5,000	5,000	*	3,000	1,000	1,000
Mathematical scientists	11,000	6,000	4,000	*	1,000	3,000	3,000	S	2,000	2,000	*
Postsecondary teachers-computer/mathematical sciences	33,000	S	S	S	S	33,000	31,000	2,000	S	S	S
Physical/related scientists	91,000	35,000	30,000	2,000	3,000	45,000	42,000	3,000	11,000	9,000	2,000
Chemists, except biochemists	30,000	22,000	21,000	1,000	1,000	4,000	4,000	S	3,000	2,000	1,000
Earth/atmospheric/ocean scientists	10,000	3,000	3,000	*	*	3,000	3,000	S	3,000	3,000	1,000
Physicists/astronomers	17,000	7,000	5,000	*	1,000	6,000	6,000	S	4,000	3,000	*
Postsecondary teachers-physical/related sciences	30,000	S	S	S	S	30,000	27,000	3,000	S	S	S
Other physical/related scientists	4,000	2,000	1,000	*	1,000	1,000	1,000	S	1,000	*	*
Social/related scientists	140,000	46,000	16,000	20,000	10,000	83,000	74,000	9,000	11,000	6,000	5,000
Economists	9,000	4,000	3,000	1,000	1,000	2,000	2,000	S	3,000	2,000	*
Political/related scientists	2,000	*	*	S	*	1,000	1,000	S	*	*	S
Postsecondary teachers-social/related sciences	64,000	*	S	S	S	64,000	59,000	4,000	S	S	S
Psychologists	55,000	36,000	11,000	19,000	6,000	13,000	8,000	4,000	6,000	2,000	4,000
Sociologists/anthropologists	5,000	2,000	1,000	*	1,000	2,000	2,000	S	1,000	1,000	*
Other social/related scientists	6,000	3,000	2,000	*	2,000	2,000	1,000	S	1,000	1,000	*
Engineers	93,000	58,000	52,000	3,000	2,000	28,000	28,000	*	8,000	6,000	2,000
Aerospace/aeronautical/astronautical engineers	5,000	4,000	3,000	S	*	*	*	S	1,000	1,000	S
Chemical engineers	9,000	8,000	7,000	*	*	1,000	1,000	S	*	*	S
Civil/architectural/sanitary engineers	5,000	3,000	3,000	*	*	1,000	1,000	S	1,000	*	1,000
Electrical/computer hardware engineers	21,000	17,000	15,000	1,000	1,000	2,000	2,000	S	1,000	1,000	*
Industrial engineers	2,000	2,000	2,000	S	S	*	*	S	S	S	S
Mechanical engineers	10,000	8,000	7,000	*	*	1,000	1,000	S	1,000	1,000	*
Postsecondary teachers-engineering	20,000	S	S	S	S	20,000	19,000	*	S	S	S
Other engineers	22,000	16,000	14,000	1,000	1,000	3,000	3,000	S	3,000	2,000	1,000

TABLE 16. Employed U.S. scientists and engineers, by level of highest degree, occupation, and employment sector: 2003

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-related occupations	105,000	46,000	34,000	4,000	8,000	50,000	38,000	13,000	9,000	4,000	4,000
Health-related occupations	57,000	21,000	12,000	3,000	5,000	32,000	32,000	1,000	4,000	1,000	2,000
S&E managers	26,000	18,000	15,000	*	2,000	4,000	4,000	*	4,000	3,000	1,000
S&E precollege teachers	12,000	S	S	S	S	12,000	S	12,000	S	S	S
S&E technicians/technologists	8,000	5,000	5,000	*	*	2,000	2,000	S	*	*	*
Other S&E-related occupations	3,000	2,000	2,000	S	S	S	S	S	*	S	S
Non-S&E occupations	222,000	104,000	70,000	14,000	20,000	104,000	76,000	28,000	14,000	7,000	7,000
Art/humanities/related occupations	10,000	8,000	3,000	4,000	1,000	1,000	1,000	S	1,000	*	*
Management-related occupations	31,000	20,000	15,000	2,000	3,000	7,000	6,000	1,000	4,000	2,000	2,000
Non-S&E managers	74,000	33,000	26,000	1,000	6,000	36,000	22,000	14,000	5,000	3,000	2,000
Non-S&E postsecondary teachers	46,000	*	S	S	S	45,000	42,000	3,000	S	S	S
Non-S&E precollege/other teachers	8,000	1,000	*	S	S	7,000	S	7,000	S	S	S
Sales/marketing occupations	18,000	17,000	14,000	2,000	1,000	*	*	S	S	S	S
Social services/related occupations	12,000	9,000	1,000	1,000	7,000	3,000	1,000	1,000	1,000	*	1,000
Other non-S&E occupations	23,000	15,000	10,000	4,000	2,000	5,000	4,000	1,000	3,000	1,000	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, 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): 2003.