

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 <sup>a</sup>	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

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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

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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

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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

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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.

<sup>a</sup> 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.