

TABLE H-19. Employed scientists and engineers, by sector of employment, broad occupation, sex, race/ethnicity, and disability status: 2006

Sector and occupation	Race/ethnicity									
	Total	Sex		Race/ethnicity					Disability status	
		Female	Male	White	Asian	Black	Hispanic	American Indian/ Alaska Native	No disability	With disability
All sectors	18,927,000	8,244,000	10,683,000	14,472,000	1,934,000	1,075,000	1,027,000	84,000	17,692,000	1,235,000
S&E occupations	5,024,000	1,310,000	3,714,000	3,677,000	810,000	197,000	230,000	21,000	4,718,000	306,000
Scientist	3,403,000	1,122,000	2,281,000	2,464,000	575,000	146,000	141,000	17,000	3,198,000	205,000
Biological/life scientist	487,000	213,000	274,000	363,000	77,000	13,000	21,000	4,000	459,000	28,000
Computer and information scientist	1,963,000	502,000	1,461,000	1,339,000	410,000	95,000	77,000	4,000	1,845,000	119,000
Mathematical scientist	149,000	58,000	91,000	114,000	20,000	8,000	5,000	D	141,000	8,000
Physical scientist	334,000	95,000	239,000	262,000	43,000	8,000	14,000	2,000	316,000	18,000
Psychologist	211,000	137,000	74,000	181,000	6,000	9,000	12,000	1,000	195,000	16,000
Social scientist	259,000	118,000	141,000	204,000	19,000	12,000	13,000	5,000	243,000	16,000
Engineer	1,621,000	187,000	1,433,000	1,213,000	235,000	52,000	88,000	4,000	1,520,000	101,000
S&E-related occupations	5,246,000	2,986,000	2,260,000	4,042,000	508,000	303,000	272,000	26,000	4,941,000	305,000
Non-S&E occupations	8,657,000	3,948,000	4,709,000	6,752,000	616,000	575,000	525,000	38,000	8,032,000	625,000
Business or industry	9,978,000	3,396,000	6,582,000	7,571,000	1,256,000	439,000	505,000	31,000	9,397,000	581,000
S&E occupations	3,178,000	652,000	2,526,000	2,278,000	585,000	113,000	136,000	10,000	3,004,000	174,000
Scientist	1,925,000	517,000	1,408,000	1,332,000	404,000	75,000	71,000	7,000	1,824,000	100,000
Biological/life scientist	143,000	65,000	77,000	106,000	23,000	3,000	7,000	D	137,000	6,000
Computer and information scientist	1,485,000	351,000	1,134,000	993,000	345,000	63,000	51,000	4,000	1,404,000	81,000
Mathematical scientist	43,000	12,000	32,000	35,000	5,000	1,000	1,000	D	43,000	1,000
Physical scientist	165,000	49,000	116,000	126,000	24,000	4,000	8,000	1,000	156,000	8,000
Psychologist	26,000	15,000	11,000	23,000	*	1,000	2,000	D	24,000	2,000
Social scientist	63,000	25,000	38,000	49,000	6,000	2,000	2,000	D	61,000	2,000
Engineer	1,254,000	135,000	1,119,000	946,000	181,000	39,000	65,000	3,000	1,180,000	74,000
S&E-related occupations	2,246,000	1,083,000	1,162,000	1,701,000	265,000	109,000	124,000	8,000	2,125,000	121,000
Non-S&E occupations	4,554,000	1,661,000	2,893,000	3,592,000	407,000	216,000	245,000	13,000	4,268,000	286,000
Federal government	824,000	280,000	544,000	612,000	68,000	77,000	42,000	6,000	770,000	53,000
S&E occupations	300,000	78,000	222,000	230,000	28,000	20,000	14,000	2,000	281,000	20,000
Scientist	194,000	64,000	130,000	148,000	17,000	15,000	9,000	1,000	181,000	13,000
Biological/life scientist	56,000	19,000	37,000	44,000	5,000	3,000	2,000	1,000	54,000	3,000
Computer and information scientist	68,000	20,000	48,000	46,000	9,000	9,000	4,000	D	62,000	7,000
Mathematical scientist	13,000	5,000	8,000	9,000	1,000	1,000	1,000	D	12,000	1,000
Physical scientist	24,000	5,000	19,000	20,000	1,000	1,000	1,000	D	23,000	1,000
Psychologist	7,000	5,000	2,000	6,000	D	*	*	D	6,000	1,000
Social scientist	26,000	9,000	16,000	22,000	1,000	2,000	2,000	D	25,000	1,000
Engineer	106,000	14,000	92,000	82,000	12,000	4,000	5,000	D	100,000	7,000
S&E-related occupations	178,000	91,000	87,000	130,000	15,000	15,000	11,000	2,000	170,000	8,000
Non-S&E occupations	345,000	111,000	234,000	252,000	25,000	42,000	17,000	2,000	320,000	26,000
Nonprofit	1,830,000	1,253,000	578,000	1,442,000	138,000	116,000	92,000	9,000	1,716,000	114,000
S&E occupations	192,000	83,000	110,000	142,000	25,000	10,000	10,000	1,000	180,000	12,000
Scientist	169,000	80,000	90,000	124,000	23,000	10,000	9,000	1,000	158,000	11,000
Biological/life scientist	30,000	15,000	15,000	23,000	4,000	1,000	1,000	D	28,000	2,000
Computer and information scientist	85,000	31,000	54,000	58,000	13,000	7,000	5,000	D	81,000	4,000

TABLE H-19. Employed scientists and engineers, by sector of employment, broad occupation, sex, race/ethnicity, and disability status: 2006

Sector and occupation	Total	Sex		Race/ethnicity					Disability status	
		Female	Male	White	Asian	Black	Hispanic	American	No disability	With disability
								Indian/ Alaska Native		
Mathematical scientist	7,000	5,000	1,000	5,000	2,000	D	D	D	7,000	D
Physical scientist	7,000	2,000	5,000	5,000	1,000	*	*	D	6,000	1,000
Psychologist	18,000	13,000	5,000	15,000	1,000	1,000	2,000	*	15,000	3,000
Social scientist	22,000	13,000	8,000	18,000	2,000	1,000	1,000	D	21,000	1,000
Engineer	23,000	3,000	20,000	18,000	2,000	1,000	2,000	D	22,000	1,000
S&E-related occupations	910,000	696,000	214,000	732,000	72,000	49,000	34,000	3,000	857,000	53,000
Non-S&E occupations	728,000	474,000	253,000	567,000	41,000	57,000	48,000	5,000	679,000	49,000
Self-employed	1,329,000	525,000	804,000	1,105,000	92,000	31,000	77,000	10,000	1,207,000	122,000
S&E occupations	183,000	58,000	125,000	154,000	12,000	3,000	10,000	1,000	169,000	15,000
Scientist	143,000	55,000	88,000	121,000	9,000	2,000	7,000	1,000	131,000	11,000
Biological/life scientist	9,000	4,000	5,000	8,000	D	D	1,000	D	7,000	2,000
Computer and information scientist	63,000	12,000	51,000	53,000	5,000	1,000	3,000	D	58,000	5,000
Mathematical scientist	3,000	1,000	2,000	1,000	1,000	D	D	D	3,000	D
Physical scientist	11,000	1,000	9,000	9,000	1,000	D	D	D	10,000	D
Psychologist	43,000	29,000	14,000	40,000	*	1,000	1,000	*	40,000	3,000
Social scientist	13,000	7,000	7,000	10,000	D	*	2,000	D	13,000	1,000
Engineer	41,000	4,000	37,000	33,000	3,000	*	4,000	D	37,000	3,000
S&E-related occupations	359,000	140,000	218,000	285,000	37,000	9,000	22,000	4,000	338,000	21,000
Non-S&E occupations	787,000	326,000	461,000	666,000	43,000	20,000	44,000	5,000	700,000	86,000
State/local government	1,405,000	658,000	746,000	1,004,000	101,000	156,000	97,000	9,000	1,280,000	125,000
S&E occupations	336,000	104,000	232,000	251,000	38,000	17,000	22,000	3,000	304,000	33,000
Scientist	230,000	87,000	143,000	178,000	22,000	12,000	12,000	2,000	207,000	23,000
Biological/life scientist	45,000	14,000	31,000	38,000	3,000	D	2,000	2,000	42,000	3,000
Computer and information scientist	99,000	36,000	63,000	69,000	15,000	7,000	6,000	D	89,000	10,000
Mathematical scientist	7,000	3,000	3,000	5,000	1,000	D	D	D	4,000	3,000
Physical scientist	36,000	10,000	26,000	30,000	2,000	1,000	2,000	D	34,000	2,000
Psychologist	13,000	8,000	5,000	10,000	*	2,000	*	D	11,000	2,000
Social scientist	31,000	15,000	15,000	26,000	1,000	1,000	2,000	D	28,000	3,000
Engineer	107,000	17,000	89,000	73,000	16,000	5,000	10,000	1,000	97,000	10,000
S&E-related occupations	286,000	174,000	112,000	191,000	28,000	33,000	20,000	2,000	268,000	18,000
Non-S&E occupations	782,000	380,000	403,000	562,000	36,000	107,000	55,000	4,000	708,000	74,000
Universities and 4-year colleges	1,549,000	799,000	750,000	1,140,000	207,000	85,000	76,000	11,000	1,455,000	93,000
S&E occupations	675,000	252,000	423,000	495,000	113,000	23,000	28,000	4,000	636,000	38,000
Scientist	591,000	238,000	353,000	439,000	93,000	21,000	25,000	4,000	557,000	34,000
Biological/life scientist	190,000	87,000	102,000	133,000	41,000	4,000	7,000	1,000	179,000	10,000
Computer and information scientist	121,000	33,000	88,000	87,000	21,000	6,000	6,000	D	114,000	7,000
Mathematical scientist	53,000	20,000	33,000	41,000	7,000	3,000	2,000	D	50,000	3,000
Physical scientist	84,000	25,000	59,000	65,000	13,000	2,000	3,000	*	79,000	5,000
Psychologist	57,000	34,000	23,000	48,000	3,000	2,000	3,000	1,000	54,000	2,000
Social scientist	87,000	39,000	48,000	66,000	8,000	5,000	4,000	1,000	80,000	7,000
Engineer	84,000	14,000	70,000	56,000	21,000	2,000	3,000	*	79,000	5,000
S&E-related occupations	472,000	322,000	150,000	343,000	66,000	29,000	22,000	3,000	452,000	20,000

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Sector and occupation	Race/ethnicity										
	Total	Sex		Race/ethnicity						Disability status	
		Female	Male	White	Asian	Black	Hispanic	American Indian/Alaska Native	No disability	With disability	
Non-S&E occupations	402,000	225,000	177,000	302,000	28,000	33,000	26,000	4,000	367,000	35,000	
Other educational institutions	2,014,000	1,334,000	680,000	1,596,000	70,000	170,000	138,000	9,000	1,867,000	147,000	
S&E occupations	159,000	83,000	75,000	126,000	8,000	11,000	9,000	1,000	145,000	14,000	
Scientist	152,000	83,000	69,000	122,000	7,000	10,000	9,000	1,000	140,000	12,000	
Biological/life scientist	15,000	8,000	7,000	11,000	1,000	2,000	*	D	13,000	2,000	
Computer and information scientist	42,000	19,000	23,000	33,000	2,000	2,000	3,000	D	38,000	4,000	
Mathematical scientist	24,000	12,000	12,000	18,000	2,000	3,000	1,000	D	23,000	1,000	
Physical scientist	8,000	3,000	5,000	7,000	*	*	*	D	8,000	*	
Psychologist	47,000	32,000	15,000	40,000	1,000	2,000	3,000	D	44,000	3,000	
Social scientist	17,000	9,000	8,000	13,000	1,000	1,000	1,000	D	15,000	1,000	
Engineer	6,000	D	6,000	4,000	1,000	D	*	D	4,000	2,000	
S&E-related occupations	796,000	480,000	316,000	659,000	25,000	58,000	40,000	2,000	732,000	64,000	
Non-S&E occupations	1,059,000	770,000	289,000	811,000	37,000	101,000	88,000	5,000	991,000	68,000	

D = suppressed for data confidentiality reasons.

* = estimate less than 500.

NOTES: Numbers rounded to nearest 1,000. Detail may not add to total because of rounding and suppression. Total includes Native Hawaiian/Other Pacific Islander and multiple race not shown separately. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability." Scientists and engineers refer to all persons with bachelor's or higher degrees in science, engineering (S&E) or S&E-related fields, plus persons holding a non-S&E bachelor's or higher degree who were employed in an S&E or S&E-related occupation in 2003. Other datasets are more appropriate for characterizing the entire U.S. labor force, including those with a bachelor's or higher degree. See tables H-1 to H-4.

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