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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

* = estimate < 500; S = suppressed for reliability or confidentiality.

S&E = science and engineering.

[a] Total includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received a bachelor's or higher degree in a science or engineering (S&E) or S&E-related field through 2005, plus any person holding a non-S&E bachelor's or higher degree who was employed in a S&E or S&E-related occupation in 2003. See http://sestat.nsf.gov/docs/occ03maj.html for a detailed description of the occupational classification. Numbers are rounded to the nearest thousand. Detail may exceed total due to multiple responses and because of rounding.

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