

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	19,244,000	5,439,000	3,473,000	11,908,000	2,163,000	7,666,000
<30	2,330,000	847,000	445,000	1,207,000	262,000	924,000
30-39	4,862,000	1,569,000	858,000	2,956,000	655,000	1,831,000
40-49	5,286,000	1,433,000	909,000	3,431,000	666,000	2,027,000
50-59	4,846,000	1,149,000	920,000	3,103,000	453,000	2,048,000
60-75	1,921,000	441,000	341,000	1,211,000	129,000	835,000
S&E occupations	4,874,000	2,858,000	463,000	2,360,000	1,475,000	938,000
<30	686,000	485,000	68,000	242,000	197,000	121,000
30-39	1,365,000	845,000	99,000	638,000	468,000	239,000
40-49	1,401,000	772,000	107,000	752,000	461,000	254,000
50-59	1,035,000	560,000	112,000	540,000	279,000	228,000
60-75	388,000	195,000	78,000	187,000	70,000	95,000
Science occupations	3,292,000	1,808,000	409,000	1,431,000	1,292,000	617,000
<30	461,000	314,000	62,000	148,000	165,000	80,000
30-39	953,000	555,000	86,000	399,000	414,000	162,000
40-49	942,000	486,000	95,000	457,000	410,000	161,000
50-59	689,000	340,000	97,000	326,000	242,000	154,000
60-75	247,000	113,000	69,000	102,000	61,000	60,000
Biological/agricultural/other life scientists	498,000	368,000	79,000	213,000	23,000	99,000
<30	91,000	75,000	16,000	23,000	4,000	18,000
30-39	131,000	102,000	15,000	51,000	7,000	25,000
40-49	122,000	88,000	17,000	61,000	5,000	22,000
50-59	115,000	77,000	19,000	61,000	4,000	27,000
60-75	38,000	25,000	12,000	17,000	2,000	7,000
Agricultural/food scientists	62,000	42,000	2,000	36,000	1,000	20,000
<30	10,000	8,000	D	3,000	D	3,000
30-39	13,000	8,000	D	7,000	D	5,000
40-49	16,000	11,000	*	11,000	*	4,000
50-59	21,000	13,000	1,000	13,000	D	7,000
60-75	3,000	2,000	D	2,000	D	1,000
Biological/medical scientists	331,000	275,000	13,000	133,000	18,000	60,000
<30	66,000	59,000	5,000	13,000	3,000	14,000
30-39	96,000	82,000	2,000	36,000	6,000	16,000
40-49	83,000	65,000	3,000	41,000	4,000	15,000
50-59	64,000	50,000	S	32,000	3,000	13,000
60-75	21,000	17,000	1,000	10,000	1,000	4,000
Environmental life scientists	35,000	13,000	1,000	26,000	S	13,000
<30	4,000	2,000	D	3,000	D	1,000
30-39	7,000	4,000	S	5,000	D	2,000
40-49	8,000	3,000	D	6,000	D	3,000
50-59	14,000	4,000	D	11,000	D	6,000
60-75	2,000	1,000	D	1,000	D	1,000
Postsecondary teachers-life/related sciences	70,000	38,000	62,000	18,000	1,000	6,000
<30	11,000	6,000	10,000	4,000	D	D
30-39	15,000	9,000	13,000	3,000	D	3,000
40-49	16,000	9,000	14,000	4,000	D	1,000
50-59	17,000	10,000	14,000	4,000	D	2,000
60-75	12,000	4,000	11,000	3,000	S	1,000
Computer/mathematical scientists	1,970,000	965,000	135,000	866,000	1,231,000	240,000
<30	238,000	143,000	16,000	82,000	152,000	28,000
30-39	615,000	318,000	33,000	264,000	397,000	73,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	636,000	301,000	33,000	297,000	397,000	80,000
50-59	377,000	162,000	33,000	175,000	230,000	49,000
60-75	104,000	41,000	20,000	48,000	55,000	10,000
Computer/information scientists	1,778,000	847,000	53,000	807,000	1,185,000	222,000
<30	215,000	126,000	7,000	77,000	148,000	26,000
30-39	558,000	277,000	13,000	248,000	382,000	68,000
40-49	588,000	273,000	18,000	278,000	383,000	77,000
50-59	338,000	140,000	12,000	163,000	221,000	45,000
60-75	78,000	30,000	3,000	40,000	52,000	6,000
Mathematical scientists	107,000	80,000	3,000	42,000	38,000	12,000
<30	13,000	11,000	*	3,000	4,000	2,000
30-39	38,000	29,000	S	14,000	14,000	4,000
40-49	31,000	21,000	*	15,000	13,000	2,000
50-59	18,000	14,000	*	8,000	6,000	2,000
60-75	7,000	5,000	D	3,000	2,000	2,000
Postsecondary teachers-computer/mathematical sciences	84,000	38,000	79,000	17,000	7,000	6,000
<30	10,000	6,000	10,000	2,000	1,000	D
30-39	19,000	12,000	17,000	2,000	S	1,000
40-49	16,000	7,000	15,000	4,000	1,000	1,000
50-59	20,000	8,000	20,000	4,000	2,000	2,000
60-75	19,000	5,000	17,000	5,000	1,000	S
Physical/related scientists	322,000	226,000	56,000	130,000	24,000	78,000
<30	47,000	36,000	9,000	11,000	6,000	12,000
30-39	84,000	62,000	12,000	30,000	6,000	22,000
40-49	80,000	51,000	14,000	41,000	5,000	20,000
50-59	77,000	54,000	12,000	35,000	5,000	19,000
60-75	34,000	23,000	9,000	12,000	2,000	6,000
Chemists, except biochemists	129,000	95,000	3,000	49,000	5,000	42,000
<30	19,000	16,000	1,000	5,000	1,000	7,000
30-39	38,000	30,000	*	11,000	2,000	13,000
40-49	34,000	23,000	D	18,000	1,000	10,000
50-59	26,000	18,000	*	10,000	1,000	9,000
60-75	12,000	8,000	*	5,000	*	3,000
Earth/atmospheric/ocean scientists	78,000	58,000	1,000	42,000	9,000	19,000
<30	9,000	7,000	D	3,000	2,000	3,000
30-39	18,000	13,000	D	9,000	2,000	4,000
40-49	19,000	12,000	D	12,000	2,000	5,000
50-59	25,000	20,000	*	14,000	2,000	6,000
60-75	7,000	5,000	D	3,000	1,000	1,000
Physicists/astronomers	27,000	24,000	1,000	7,000	7,000	3,000
<30	6,000	5,000	*	1,000	2,000	1,000
30-39	7,000	6,000	D	2,000	2,000	1,000
40-49	5,000	4,000	D	2,000	1,000	1,000
50-59	5,000	4,000	*	1,000	1,000	1,000
60-75	5,000	4,000	D	1,000	1,000	*
Postsecondary teachers-physical/related sciences	54,000	29,000	51,000	11,000	1,000	3,000
<30	9,000	5,000	8,000	1,000	D	1,000
30-39	12,000	7,000	11,000	3,000	D	1,000
40-49	13,000	7,000	13,000	4,000	D	1,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	11,000	7,000	11,000	2,000	*	*
60-75	9,000	4,000	9,000	2,000	D	1,000
Other physical/related scientists	35,000	20,000	*	20,000	1,000	11,000
<30	3,000	2,000	D	1,000	D	1,000
30-39	9,000	5,000	D	5,000	*	4,000
40-49	9,000	5,000	D	5,000	D	3,000
50-59	11,000	6,000	D	7,000	*	3,000
60-75	2,000	1,000	D	1,000	D	*
Social/related scientists	502,000	248,000	138,000	223,000	16,000	200,000
<30	85,000	59,000	21,000	32,000	4,000	22,000
30-39	123,000	72,000	26,000	54,000	4,000	42,000
40-49	104,000	45,000	30,000	57,000	3,000	39,000
50-59	120,000	47,000	34,000	54,000	3,000	60,000
60-75	71,000	25,000	28,000	26,000	S	37,000
Economists	29,000	19,000	*	14,000	4,000	9,000
<30	5,000	5,000	D	2,000	1,000	1,000
30-39	8,000	6,000	D	4,000	1,000	2,000
40-49	8,000	3,000	D	4,000	S	4,000
50-59	4,000	3,000	D	3,000	*	1,000
60-75	4,000	2,000	D	2,000	*	1,000
Political/related scientists	17,000	12,000	*	8,000	D	7,000
<30	6,000	5,000	D	2,000	D	S
30-39	6,000	5,000	D	3,000	D	2,000
40-49	2,000	S	D	S	D	D
50-59	S	1,000	D	S	D	D
60-75	S	*	D	D	D	D
Postsecondary teachers-social/related sciences	116,000	67,000	109,000	21,000	1,000	13,000
<30	17,000	10,000	14,000	3,000	D	D
30-39	23,000	16,000	22,000	3,000	D	1,000
40-49	26,000	16,000	24,000	5,000	D	3,000
50-59	27,000	14,000	26,000	5,000	D	4,000
60-75	23,000	12,000	22,000	4,000	D	4,000
Psychologists	185,000	60,000	25,000	74,000	3,000	144,000
<30	28,000	18,000	5,000	7,000	1,000	15,000
30-39	37,000	17,000	3,000	13,000	S	27,000
40-49	33,000	8,000	4,000	16,000	D	26,000
50-59	55,000	10,000	7,000	25,000	*	48,000
60-75	32,000	6,000	5,000	12,000	D	29,000
Sociologists/anthropologists	21,000	18,000	2,000	11,000	S	3,000
<30	7,000	7,000	D	4,000	D	S
30-39	5,000	4,000	D	2,000	D	1,000
40-49	2,000	2,000	D	1,000	D	*
50-59	4,000	3,000	D	3,000	D	1,000
60-75	2,000	2,000	D	1,000	D	1,000
Other social/related scientists	134,000	73,000	3,000	95,000	7,000	25,000
<30	22,000	15,000	1,000	14,000	S	3,000
30-39	43,000	23,000	*	29,000	2,000	9,000
40-49	33,000	15,000	S	29,000	1,000	6,000
50-59	27,000	16,000	1,000	17,000	3,000	4,000
60-75	9,000	4,000	D	7,000	D	3,000
Engineering occupations	1,582,000	1,050,000	55,000	929,000	182,000	321,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	224,000	171,000	7,000	95,000	31,000	41,000
30-39	412,000	290,000	12,000	239,000	54,000	77,000
40-49	459,000	286,000	12,000	295,000	52,000	93,000
50-59	347,000	220,000	15,000	215,000	36,000	73,000
60-75	141,000	82,000	9,000	85,000	8,000	35,000
Aerospace/aeronautical/astronautical engineers	100,000	68,000	2,000	53,000	17,000	18,000
<30	13,000	11,000	*	3,000	2,000	2,000
30-39	21,000	16,000	D	10,000	4,000	3,000
40-49	30,000	20,000	D	20,000	4,000	6,000
50-59	21,000	13,000	D	12,000	5,000	3,000
60-75	15,000	9,000	D	8,000	1,000	4,000
Chemical engineers	77,000	56,000	*	44,000	6,000	20,000
<30	11,000	8,000	D	4,000	1,000	3,000
30-39	22,000	16,000	D	14,000	1,000	5,000
40-49	21,000	15,000	D	10,000	2,000	6,000
50-59	17,000	12,000	D	11,000	2,000	3,000
60-75	7,000	5,000	D	5,000	D	2,000
Civil/architectural/sanitary engineers	258,000	136,000	3,000	196,000	13,000	58,000
<30	39,000	29,000	*	22,000	2,000	6,000
30-39	74,000	41,000	1,000	57,000	3,000	19,000
40-49	62,000	29,000	S	51,000	4,000	12,000
50-59	55,000	26,000	D	46,000	2,000	14,000
60-75	27,000	11,000	D	20,000	1,000	8,000
Electrical/computer hardware engineers	399,000	305,000	3,000	177,000	97,000	60,000
<30	52,000	40,000	D	18,000	17,000	9,000
30-39	105,000	83,000	1,000	43,000	31,000	16,000
40-49	127,000	93,000	1,000	64,000	29,000	20,000
50-59	87,000	68,000	S	39,000	17,000	11,000
60-75	28,000	21,000	D	13,000	4,000	4,000
Industrial engineers	93,000	48,000	1,000	69,000	7,000	29,000
<30	15,000	8,000	*	10,000	1,000	4,000
30-39	24,000	14,000	D	18,000	3,000	6,000
40-49	29,000	14,000	D	21,000	2,000	8,000
50-59	23,000	12,000	D	17,000	1,000	9,000
60-75	3,000	1,000	D	2,000	D	1,000
Mechanical engineers	300,000	235,000	4,000	174,000	16,000	49,000
<30	49,000	43,000	*	17,000	4,000	7,000
30-39	78,000	65,000	1,000	45,000	4,000	11,000
40-49	89,000	68,000	1,000	60,000	3,000	16,000
50-59	60,000	44,000	S	36,000	4,000	11,000
60-75	25,000	16,000	S	15,000	1,000	4,000
Postsecondary teachers-engineering	35,000	22,000	33,000	8,000	1,000	2,000
<30	5,000	3,000	3,000	1,000	*	S
30-39	7,000	5,000	6,000	1,000	*	*
40-49	9,000	6,000	8,000	2,000	D	*
50-59	9,000	5,000	8,000	2,000	D	*
60-75	6,000	3,000	6,000	2,000	*	*
Other engineers	320,000	179,000	7,000	208,000	25,000	84,000
<30	42,000	30,000	2,000	19,000	4,000	9,000
30-39	81,000	50,000	1,000	51,000	7,000	17,000
40-49	92,000	43,000	*	66,000	7,000	25,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	75,000	41,000	S	51,000	5,000	22,000
60-75	30,000	16,000	1,000	20,000	2,000	12,000
S&E-related occupations	5,542,000	1,136,000	1,585,000	2,769,000	387,000	3,563,000
<30	547,000	142,000	181,000	196,000	31,000	383,000
30-39	1,391,000	335,000	426,000	676,000	117,000	860,000
40-49	1,601,000	306,000	440,000	860,000	126,000	1,011,000
50-59	1,476,000	254,000	413,000	770,000	89,000	957,000
60-75	527,000	98,000	125,000	268,000	24,000	352,000
Health occupations	3,780,000	504,000	988,000	1,687,000	73,000	3,242,000
<30	402,000	74,000	114,000	132,000	7,000	356,000
30-39	926,000	143,000	258,000	408,000	16,000	792,000
40-49	1,066,000	123,000	276,000	507,000	23,000	916,000
50-59	1,012,000	117,000	258,000	472,000	21,000	861,000
60-75	374,000	47,000	83,000	167,000	6,000	318,000
S&E managers, including health	501,000	145,000	6,000	489,000	66,000	87,000
<30	8,000	2,000	D	8,000	D	2,000
30-39	108,000	31,000	D	105,000	19,000	15,000
40-49	176,000	55,000	S	172,000	28,000	27,000
50-59	161,000	43,000	S	157,000	14,000	33,000
60-75	49,000	14,000	*	47,000	4,000	10,000
S&E precollege teachers	599,000	151,000	578,000	250,000	19,000	32,000
<30	68,000	15,000	66,000	34,000	2,000	4,000
30-39	170,000	61,000	165,000	68,000	4,000	8,000
40-49	164,000	36,000	156,000	72,000	6,000	10,000
50-59	152,000	29,000	149,000	57,000	7,000	7,000
60-75	46,000	11,000	41,000	19,000	D	4,000
S&E technicians/technologists	446,000	225,000	12,000	187,000	216,000	113,000
<30	60,000	46,000	S	17,000	19,000	19,000
30-39	128,000	68,000	S	52,000	72,000	25,000
40-49	130,000	60,000	6,000	62,000	65,000	29,000
50-59	96,000	41,000	3,000	38,000	46,000	30,000
60-75	31,000	10,000	D	17,000	13,000	10,000
Other S&E-related occupations	216,000	110,000	D	156,000	13,000	88,000
<30	9,000	4,000	D	5,000	2,000	3,000
30-39	59,000	32,000	D	41,000	5,000	19,000
40-49	65,000	33,000	D	47,000	3,000	29,000
50-59	55,000	24,000	D	46,000	D	28,000
60-75	28,000	16,000	D	17,000	D	10,000
Non-S&E occupations	8,828,000	1,445,000	1,424,000	6,780,000	302,000	3,165,000
<30	1,097,000	221,000	195,000	769,000	34,000	419,000
30-39	2,106,000	388,000	333,000	1,643,000	69,000	733,000
40-49	2,284,000	355,000	362,000	1,818,000	79,000	763,000
50-59	2,334,000	334,000	395,000	1,793,000	85,000	862,000
60-75	1,006,000	148,000	139,000	756,000	35,000	388,000
Arts/humanities/related occupations	295,000	98,000	29,000	192,000	19,000	115,000
<30	37,000	12,000	5,000	23,000	2,000	16,000
30-39	80,000	33,000	7,000	54,000	7,000	24,000
40-49	73,000	23,000	9,000	39,000	5,000	32,000
50-59	67,000	16,000	5,000	51,000	S	25,000
60-75	38,000	14,000	3,000	25,000	2,000	18,000
Management-related occupations	1,309,000	256,000	61,000	1,191,000	73,000	335,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	178,000	46,000	5,000	155,000	10,000	46,000
30-39	325,000	69,000	15,000	300,000	18,000	75,000
40-49	362,000	62,000	16,000	334,000	19,000	83,000
50-59	311,000	57,000	18,000	283,000	18,000	86,000
60-75	133,000	21,000	6,000	119,000	8,000	46,000
Non-S&E managers	1,261,000	178,000	45,000	1,227,000	34,000	249,000
<30	28,000	5,000	2,000	27,000	1,000	5,000
30-39	254,000	32,000	7,000	250,000	9,000	45,000
40-49	415,000	67,000	11,000	405,000	10,000	80,000
50-59	418,000	54,000	21,000	405,000	10,000	83,000
60-75	145,000	20,000	5,000	140,000	4,000	36,000
Non-S&E postsecondary teachers	157,000	62,000	139,000	49,000	3,000	23,000
<30	18,000	7,000	15,000	5,000	1,000	2,000
30-39	34,000	17,000	32,000	8,000	1,000	4,000
40-49	33,000	14,000	28,000	13,000	D	2,000
50-59	44,000	15,000	40,000	15,000	D	9,000
60-75	28,000	9,000	25,000	9,000	D	5,000
Non-S&E precollege/other teachers	745,000	129,000	706,000	274,000	22,000	106,000
<30	98,000	21,000	96,000	36,000	S	11,000
30-39	164,000	34,000	157,000	66,000	3,000	20,000
40-49	204,000	30,000	193,000	75,000	6,000	32,000
50-59	213,000	31,000	201,000	74,000	11,000	38,000
60-75	66,000	14,000	61,000	24,000	D	5,000
Sales/marketing occupations	1,357,000	195,000	47,000	1,295,000	47,000	237,000
<30	151,000	21,000	6,000	144,000	5,000	24,000
30-39	348,000	65,000	9,000	332,000	12,000	64,000
40-49	362,000	51,000	18,000	351,000	15,000	51,000
50-59	315,000	38,000	13,000	300,000	7,000	59,000
60-75	181,000	20,000	S	169,000	8,000	39,000
Social services/related occupations	725,000	79,000	172,000	385,000	16,000	577,000
<30	122,000	18,000	28,000	60,000	3,000	100,000
30-39	184,000	18,000	48,000	89,000	S	146,000
40-49	149,000	17,000	34,000	85,000	1,000	115,000
50-59	198,000	16,000	46,000	114,000	8,000	160,000
60-75	71,000	9,000	16,000	37,000	D	55,000
Other non-S&E occupations	2,979,000	447,000	226,000	2,166,000	89,000	1,522,000
<30	464,000	91,000	40,000	320,000	11,000	214,000
30-39	717,000	120,000	59,000	544,000	17,000	354,000
40-49	686,000	91,000	54,000	518,000	23,000	367,000
50-59	768,000	107,000	52,000	551,000	29,000	402,000
60-75	345,000	39,000	21,000	233,000	10,000	185,000
Bachelor's degrees, all occupations	10,745,000	2,911,000	1,560,000	6,989,000	1,406,000	3,899,000
<30	1,689,000	604,000	283,000	942,000	188,000	624,000
30-39	2,714,000	806,000	381,000	1,765,000	426,000	922,000
40-49	2,993,000	759,000	443,000	2,011,000	436,000	1,050,000
50-59	2,496,000	565,000	354,000	1,671,000	287,000	978,000
60-75	853,000	176,000	98,000	600,000	69,000	325,000
S&E occupations	2,720,000	1,520,000	123,000	1,411,000	934,000	519,000
<30	490,000	344,000	45,000	186,000	137,000	88,000
30-39	751,000	425,000	21,000	380,000	292,000	142,000
40-49	797,000	407,000	27,000	453,000	295,000	151,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	538,000	274,000	23,000	306,000	174,000	109,000
60-75	144,000	70,000	7,000	86,000	36,000	30,000
Science occupations	1,726,000	891,000	104,000	799,000	826,000	295,000
<30	327,000	223,000	41,000	110,000	120,000	55,000
30-39	503,000	261,000	18,000	224,000	261,000	89,000
40-49	506,000	233,000	24,000	260,000	261,000	83,000
50-59	323,000	144,000	17,000	169,000	152,000	59,000
60-75	67,000	30,000	5,000	36,000	32,000	9,000
Biological/agricultural/other life scientists	198,000	129,000	23,000	92,000	6,000	55,000
<30	66,000	53,000	13,000	17,000	2,000	15,000
30-39	47,000	31,000	3,000	21,000	1,000	14,000
40-49	40,000	22,000	3,000	26,000	D	11,000
50-59	40,000	20,000	3,000	26,000	S	13,000
60-75	5,000	3,000	D	3,000	D	2,000
Agricultural/food scientists	36,000	20,000	1,000	21,000	D	15,000
<30	7,000	6,000	D	2,000	D	3,000
30-39	7,000	3,000	D	4,000	D	S
40-49	9,000	5,000	D	7,000	D	3,000
50-59	12,000	6,000	D	9,000	D	6,000
60-75	D	D	D	D	D	D
Biological/medical scientists	125,000	95,000	7,000	48,000	5,000	29,000
<30	47,000	42,000	4,000	9,000	2,000	11,000
30-39	33,000	25,000	D	14,000	D	8,000
40-49	24,000	14,000	1,000	14,000	D	6,000
50-59	19,000	12,000	D	9,000	S	3,000
60-75	3,000	2,000	D	1,000	D	1,000
Environmental life scientists	22,000	7,000	1,000	18,000	D	9,000
<30	3,000	S	D	2,000	D	D
30-39	4,000	2,000	D	3,000	D	1,000
40-49	6,000	S	D	4,000	D	3,000
50-59	8,000	S	D	7,000	D	4,000
60-75	1,000	D	D	1,000	D	1,000
Postsecondary teachers-life/related sciences	15,000	7,000	13,000	4,000	D	2,000
<30	9,000	4,000	8,000	3,000	D	D
30-39	S	D	D	D	D	D
40-49	D	D	D	D	D	D
50-59	1,000	D	D	D	D	D
60-75	D	D	D	D	D	D
Computer/mathematical scientists	1,261,000	597,000	55,000	574,000	807,000	167,000
<30	180,000	109,000	11,000	65,000	113,000	24,000
30-39	390,000	191,000	10,000	171,000	258,000	54,000
40-49	413,000	188,000	18,000	199,000	257,000	55,000
50-59	230,000	91,000	11,000	113,000	148,000	31,000
60-75	48,000	19,000	4,000	25,000	30,000	4,000
Computer/information scientists	1,206,000	560,000	41,000	552,000	792,000	161,000
<30	167,000	99,000	6,000	62,000	111,000	22,000
30-39	373,000	180,000	8,000	164,000	251,000	52,000
40-49	401,000	180,000	16,000	193,000	254,000	54,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	220,000	84,000	9,000	110,000	147,000	30,000
60-75	45,000	17,000	S	24,000	29,000	4,000
Mathematical scientists	41,000	30,000	D	19,000	13,000	5,000
<30	7,000	7,000	D	2,000	2,000	2,000
30-39	14,000	9,000	D	7,000	6,000	2,000
40-49	10,000	8,000	D	5,000	4,000	D
50-59	7,000	5,000	D	3,000	S	D
60-75	1,000	S	D	1,000	D	D
Postsecondary teachers-computer/mathematical sciences	15,000	8,000	14,000	2,000	2,000	1,000
<30	6,000	4,000	5,000	1,000	D	D
30-39	2,000	S	S	D	D	D
40-49	2,000	D	2,000	D	D	D
50-59	3,000	D	3,000	D	D	D
60-75	2,000	D	2,000	D	D	D
Physical/related scientists	144,000	95,000	9,000	63,000	9,000	50,000
<30	33,000	24,000	6,000	9,000	3,000	10,000
30-39	40,000	28,000	1,000	16,000	2,000	15,000
40-49	30,000	16,000	D	18,000	2,000	12,000
50-59	34,000	22,000	D	17,000	S	10,000
60-75	8,000	6,000	D	3,000	D	2,000
Chemists, except biochemists	74,000	51,000	1,000	27,000	3,000	31,000
<30	15,000	11,000	1,000	4,000	S	6,000
30-39	24,000	18,000	D	8,000	1,000	11,000
40-49	16,000	9,000	D	9,000	D	7,000
50-59	14,000	8,000	D	5,000	D	6,000
60-75	5,000	4,000	D	2,000	D	2,000
Earth/atmospheric/ocean scientists	36,000	25,000	D	21,000	3,000	9,000
<30	6,000	4,000	D	3,000	1,000	2,000
30-39	8,000	5,000	D	6,000	S	2,000
40-49	8,000	4,000	D	6,000	D	2,000
50-59	11,000	10,000	D	6,000	S	2,000
60-75	2,000	2,000	D	1,000	D	D
Physicists/astronomers	5,000	4,000	D	1,000	1,000	1,000
<30	3,000	3,000	D	D	1,000	*
30-39	1,000	1,000	D	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Postsecondary teachers-physical/related sciences	9,000	4,000	8,000	2,000	D	1,000
<30	7,000	4,000	6,000	1,000	D	1,000
30-39	1,000	1,000	1,000	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Other physical/related scientists	21,000	11,000	D	11,000	D	8,000
<30	2,000	1,000	D	1,000	D	*
30-39	6,000	3,000	D	3,000	D	3,000
40-49	4,000	2,000	D	1,000	D	2,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	8,000	4,000	D	6,000	D	2,000
60-75	D	D	D	D	D	D
Social/related scientists	122,000	70,000	17,000	70,000	5,000	22,000
<30	48,000	37,000	10,000	20,000	2,000	7,000
30-39	27,000	11,000	3,000	16,000	D	6,000
40-49	22,000	8,000	D	17,000	1,000	4,000
50-59	20,000	11,000	D	13,000	D	4,000
60-75	5,000	S	D	4,000	D	D
Economists	6,000	5,000	D	3,000	1,000	1,000
<30	3,000	3,000	D	D	D	D
30-39	D	D	D	D	D	D
40-49	1,000	D	D	S	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Political/related scientists	6,000	5,000	D	S	D	D
<30	3,000	3,000	D	D	D	D
30-39	S	D	D	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Postsecondary teachers-social/related sciences	16,000	8,000	13,000	3,000	D	D
<30	10,000	6,000	7,000	2,000	D	D
30-39	2,000	D	2,000	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Psychologists	19,000	14,000	3,000	6,000	D	8,000
<30	12,000	11,000	D	3,000	D	5,000
30-39	2,000	D	D	D	D	1,000
40-49	2,000	D	D	D	D	S
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Sociologists/anthropologists	7,000	6,000	D	3,000	D	D
<30	5,000	4,000	D	2,000	D	D
30-39	1,000	1,000	D	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Other social/related scientists	69,000	31,000	D	54,000	3,000	10,000
<30	16,000	10,000	D	11,000	D	S
30-39	17,000	5,000	D	13,000	D	S
40-49	17,000	6,000	D	16,000	D	2,000
50-59	13,000	8,000	D	10,000	D	S
60-75	5,000	D	D	4,000	D	D
Engineering occupations	994,000	629,000	19,000	612,000	108,000	224,000
<30	163,000	121,000	4,000	76,000	17,000	32,000
30-39	248,000	164,000	4,000	156,000	31,000	53,000
40-49	292,000	173,000	4,000	193,000	34,000	68,000
50-59	215,000	130,000	5,000	137,000	22,000	50,000
60-75	76,000	40,000	2,000	51,000	4,000	21,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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
Aerospace/aeronautical/astronautical engineers	57,000	39,000	S	29,000	10,000	11,000
<30	9,000	8,000	*	3,000	1,000	2,000
30-39	10,000	7,000	D	4,000	3,000	1,000
40-49	18,000	12,000	D	11,000	3,000	4,000
50-59	12,000	8,000	D	6,000	3,000	2,000
60-75	7,000	4,000	D	5,000	D	S
Chemical engineers	45,000	31,000	D	27,000	3,000	14,000
<30	8,000	6,000	D	4,000	1,000	3,000
30-39	15,000	11,000	D	10,000	D	3,000
40-49	12,000	8,000	D	6,000	1,000	5,000
50-59	8,000	5,000	D	5,000	1,000	2,000
60-75	2,000	2,000	D	2,000	D	1,000
Civil/architectural/sanitary engineers	176,000	85,000	3,000	137,000	8,000	41,000
<30	30,000	21,000	D	18,000	1,000	5,000
30-39	50,000	26,000	D	39,000	2,000	14,000
40-49	43,000	19,000	S	35,000	3,000	9,000
50-59	35,000	13,000	D	30,000	1,000	8,000
60-75	18,000	6,000	D	15,000	D	5,000
Electrical/computer hardware engineers	240,000	181,000	2,000	113,000	58,000	41,000
<30	33,000	25,000	D	14,000	8,000	6,000
30-39	59,000	44,000	D	27,000	18,000	12,000
40-49	78,000	58,000	D	38,000	19,000	14,000
50-59	56,000	44,000	D	26,000	11,000	7,000
60-75	15,000	11,000	D	7,000	2,000	2,000
Industrial engineers	68,000	35,000	1,000	52,000	5,000	22,000
<30	12,000	6,000	D	8,000	1,000	3,000
30-39	16,000	9,000	D	12,000	S	4,000
40-49	20,000	9,000	D	16,000	1,000	6,000
50-59	19,000	10,000	D	15,000	D	7,000
60-75	2,000	1,000	D	1,000	D	D
Mechanical engineers	198,000	151,000	3,000	117,000	9,000	37,000
<30	38,000	32,000	*	14,000	3,000	6,000
30-39	48,000	40,000	D	29,000	2,000	7,000
40-49	60,000	42,000	D	42,000	1,000	13,000
50-59	39,000	28,000	D	22,000	2,000	8,000
60-75	14,000	8,000	D	9,000	1,000	3,000
Postsecondary teachers-engineering	6,000	2,000	5,000	1,000	S	S
<30	2,000	S	1,000	D	D	D
30-39	D	D	D	D	D	D
40-49	1,000	D	1,000	D	D	D
50-59	2,000	D	2,000	D	D	D
60-75	1,000	D	1,000	D	D	D
Other engineers	204,000	105,000	4,000	137,000	14,000	59,000
<30	31,000	21,000	2,000	16,000	2,000	7,000
30-39	50,000	26,000	1,000	34,000	3,000	11,000
40-49	61,000	26,000	D	44,000	5,000	17,000
50-59	45,000	23,000	1,000	32,000	3,000	15,000
60-75	18,000	8,000	D	12,000	D	8,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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
S&E-related occupations	2,910,000	612,000	771,000	1,468,000	272,000	1,817,000
<30	369,000	100,000	111,000	139,000	24,000	255,000
30-39	728,000	180,000	202,000	363,000	83,000	428,000
40-49	865,000	165,000	222,000	469,000	92,000	522,000
50-59	729,000	129,000	186,000	373,000	59,000	477,000
60-75	219,000	38,000	49,000	124,000	14,000	135,000
Health occupations	1,899,000	227,000	521,000	847,000	50,000	1,604,000
<30	266,000	46,000	73,000	95,000	5,000	233,000
30-39	451,000	59,000	131,000	198,000	11,000	383,000
40-49	555,000	55,000	154,000	267,000	17,000	459,000
50-59	487,000	53,000	127,000	220,000	15,000	415,000
60-75	139,000	13,000	36,000	67,000	S	115,000
S&E managers, including health	265,000	70,000	S	259,000	42,000	46,000
<30	6,000	1,000	D	6,000	D	1,000
30-39	66,000	20,000	D	64,000	13,000	9,000
40-49	92,000	24,000	D	90,000	19,000	14,000
50-59	77,000	17,000	D	75,000	7,000	17,000
60-75	25,000	7,000	D	25,000	3,000	4,000
S&E precollege teachers	244,000	65,000	234,000	100,000	6,000	11,000
<30	38,000	9,000	38,000	19,000	D	2,000
30-39	72,000	29,000	68,000	29,000	D	1,000
40-49	63,000	13,000	61,000	27,000	D	4,000
50-59	56,000	11,000	54,000	19,000	2,000	3,000
60-75	14,000	1,000	13,000	6,000	D	D
S&E technicians/technologists	355,000	176,000	11,000	153,000	165,000	96,000
<30	52,000	39,000	S	14,000	16,000	17,000
30-39	99,000	50,000	D	44,000	54,000	23,000
40-49	107,000	48,000	6,000	52,000	51,000	26,000
50-59	76,000	32,000	3,000	30,000	35,000	23,000
60-75	22,000	7,000	D	13,000	9,000	7,000
Other S&E-related occupations	148,000	74,000	D	108,000	9,000	59,000
<30	7,000	4,000	D	4,000	2,000	2,000
30-39	41,000	22,000	D	29,000	4,000	12,000
40-49	47,000	24,000	D	34,000	2,000	20,000
50-59	34,000	16,000	D	29,000	D	17,000
60-75	19,000	9,000	D	13,000	D	8,000
Non-S&E occupations	5,115,000	779,000	666,000	4,110,000	199,000	1,563,000
<30	830,000	160,000	127,000	617,000	27,000	281,000
30-39	1,235,000	201,000	158,000	1,022,000	50,000	353,000
40-49	1,331,000	187,000	194,000	1,089,000	50,000	377,000
50-59	1,229,000	162,000	146,000	992,000	54,000	393,000
60-75	490,000	69,000	42,000	390,000	19,000	160,000
Arts/humanities/related occupations	180,000	56,000	14,000	120,000	13,000	72,000
<30	31,000	9,000	4,000	20,000	2,000	13,000
30-39	54,000	21,000	5,000	38,000	6,000	17,000
40-49	44,000	12,000	S	25,000	4,000	23,000
50-59	35,000	9,000	D	26,000	D	11,000
60-75	15,000	5,000	D	12,000	D	7,000
Management-related occupations	766,000	143,000	41,000	701,000	47,000	192,000
<30	143,000	37,000	3,000	126,000	7,000	38,000
30-39	203,000	36,000	12,000	187,000	13,000	49,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	202,000	34,000	12,000	186,000	11,000	41,000
50-59	158,000	25,000	11,000	147,000	12,000	43,000
60-75	60,000	11,000	S	55,000	4,000	20,000
Non-S&E managers	596,000	76,000	13,000	584,000	19,000	102,000
<30	18,000	2,000	D	17,000	D	3,000
30-39	134,000	17,000	S	133,000	6,000	15,000
40-49	197,000	30,000	2,000	194,000	5,000	31,000
50-59	195,000	20,000	9,000	189,000	6,000	41,000
60-75	52,000	8,000	D	51,000	D	11,000
Non-S&E postsecondary teachers	27,000	8,000	21,000	11,000	2,000	4,000
<30	10,000	4,000	7,000	3,000	D	S
30-39	3,000	D	3,000	D	D	D
40-49	4,000	1,000	4,000	S	D	D
50-59	6,000	D	4,000	3,000	D	D
60-75	4,000	S	3,000	D	D	D
Non-S&E precollege/other teachers	353,000	57,000	338,000	123,000	11,000	46,000
<30	59,000	11,000	57,000	24,000	D	5,000
30-39	71,000	15,000	69,000	24,000	D	9,000
40-49	124,000	16,000	118,000	45,000	S	20,000
50-59	75,000	10,000	71,000	23,000	5,000	10,000
60-75	25,000	5,000	23,000	8,000	D	D
Sales/marketing occupations	1,019,000	138,000	39,000	977,000	32,000	164,000
<30	138,000	19,000	5,000	131,000	4,000	22,000
30-39	261,000	43,000	8,000	250,000	10,000	46,000
40-49	272,000	38,000	14,000	264,000	9,000	35,000
50-59	231,000	26,000	10,000	221,000	5,000	41,000
60-75	116,000	13,000	D	111,000	5,000	22,000
Social services/related occupations	256,000	25,000	55,000	146,000	10,000	188,000
<30	71,000	9,000	16,000	37,000	3,000	55,000
30-39	66,000	7,000	19,000	30,000	D	49,000
40-49	54,000	6,000	8,000	38,000	D	36,000
50-59	53,000	D	9,000	35,000	5,000	41,000
60-75	12,000	D	3,000	7,000	D	7,000
Other non-S&E occupations	1,918,000	275,000	147,000	1,447,000	66,000	796,000
<30	362,000	70,000	33,000	261,000	10,000	143,000
30-39	443,000	62,000	40,000	359,000	13,000	168,000
40-49	433,000	51,000	34,000	335,000	16,000	189,000
50-59	475,000	70,000	30,000	347,000	20,000	205,000
60-75	205,000	23,000	10,000	146,000	7,000	91,000
Master's degrees, all occupations	5,690,000	1,705,000	1,367,000	3,481,000	663,000	1,896,000
<30	488,000	199,000	137,000	210,000	69,000	178,000
30-39	1,490,000	534,000	351,000	876,000	205,000	464,000
40-49	1,535,000	444,000	328,000	1,009,000	200,000	477,000
50-59	1,549,000	382,000	410,000	985,000	144,000	538,000
60-75	628,000	145,000	142,000	401,000	44,000	239,000
S&E occupations	1,519,000	883,000	143,000	742,000	470,000	297,000
<30	173,000	121,000	20,000	52,000	56,000	32,000
30-39	462,000	296,000	37,000	215,000	157,000	75,000
40-49	421,000	232,000	27,000	234,000	145,000	73,000
50-59	335,000	179,000	33,000	177,000	90,000	81,000
60-75	127,000	55,000	26,000	64,000	23,000	36,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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
Science occupations	1,038,000	553,000	128,000	458,000	408,000	213,000
<30	117,000	76,000	17,000	34,000	43,000	23,000
30-39	328,000	197,000	33,000	139,000	138,000	53,000
40-49	284,000	144,000	24,000	143,000	130,000	51,000
50-59	227,000	107,000	29,000	107,000	77,000	60,000
60-75	83,000	28,000	25,000	35,000	20,000	25,000
Biological/agricultural/other life scientists	128,000	93,000	17,000	57,000	11,000	24,000
<30	18,000	15,000	2,000	5,000	1,000	3,000
30-39	40,000	32,000	6,000	15,000	4,000	6,000
40-49	29,000	21,000	3,000	15,000	S	4,000
50-59	32,000	21,000	3,000	16,000	S	8,000
60-75	9,000	4,000	3,000	5,000	D	2,000
Agricultural/food scientists	15,000	12,000	D	9,000	D	3,000
<30	2,000	1,000	D	1,000	D	D
30-39	5,000	3,000	D	3,000	D	D
40-49	3,000	3,000	D	3,000	D	D
50-59	5,000	4,000	D	2,000	D	D
60-75	S	D	D	D	D	D
Biological/medical scientists	86,000	69,000	3,000	35,000	9,000	16,000
<30	13,000	11,000	S	3,000	1,000	2,000
30-39	28,000	24,000	S	9,000	4,000	4,000
40-49	23,000	18,000	S	11,000	S	4,000
50-59	18,000	13,000	D	10,000	1,000	5,000
60-75	4,000	3,000	D	2,000	D	1,000
Environmental life scientists	11,000	5,000	D	7,000	D	3,000
<30	1,000	1,000	D	1,000	D	D
30-39	3,000	2,000	D	2,000	D	D
40-49	1,000	D	D	S	D	D
50-59	5,000	2,000	D	3,000	D	D
60-75	D	D	D	D	D	D
Postsecondary teachers-life/related sciences	16,000	7,000	13,000	4,000	D	1,000
<30	2,000	S	2,000	*	D	D
30-39	5,000	3,000	4,000	1,000	D	D
40-49	2,000	D	2,000	1,000	D	D
50-59	4,000	D	2,000	1,000	D	D
60-75	3,000	D	3,000	D	D	D
Computer/mathematical scientists	608,000	304,000	50,000	265,000	383,000	63,000
<30	55,000	32,000	4,000	16,000	38,000	5,000
30-39	201,000	110,000	15,000	87,000	129,000	17,000
40-49	188,000	92,000	8,000	88,000	124,000	22,000
50-59	124,000	57,000	13,000	56,000	72,000	15,000
60-75	39,000	13,000	10,000	18,000	19,000	4,000
Computer/information scientists	523,000	257,000	11,000	237,000	361,000	56,000
<30	48,000	27,000	D	15,000	36,000	4,000
30-39	174,000	90,000	5,000	80,000	124,000	15,000
40-49	169,000	82,000	2,000	79,000	116,000	21,000
50-59	107,000	49,000	4,000	50,000	67,000	14,000
60-75	26,000	9,000	D	13,000	18,000	2,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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
Mathematical scientists	46,000	34,000	S	18,000	19,000	4,000
<30	4,000	4,000	*	1,000	2,000	1,000
30-39	18,000	16,000	D	6,000	5,000	1,000
40-49	13,000	7,000	D	7,000	7,000	D
50-59	7,000	5,000	D	3,000	4,000	D
60-75	3,000	2,000	D	D	D	D
Postsecondary teachers-computer/mathematical sciences	39,000	13,000	37,000	10,000	3,000	3,000
<30	4,000	2,000	3,000	1,000	*	D
30-39	9,000	5,000	9,000	1,000	D	S
40-49	6,000	2,000	6,000	2,000	S	D
50-59	9,000	2,000	9,000	3,000	1,000	1,000
60-75	11,000	1,000	10,000	3,000	D	D
Physical/related scientists	84,000	57,000	14,000	38,000	6,000	19,000
<30	10,000	9,000	2,000	2,000	2,000	2,000
30-39	22,000	16,000	3,000	8,000	2,000	5,000
40-49	25,000	16,000	4,000	14,000	2,000	5,000
50-59	20,000	13,000	3,000	10,000	1,000	6,000
60-75	8,000	3,000	2,000	3,000	D	2,000
Chemists, except biochemists	26,000	19,000	1,000	10,000	*	7,000
<30	3,000	3,000	*	*	D	1,000
30-39	7,000	6,000	D	2,000	D	2,000
40-49	9,000	6,000	D	5,000	D	2,000
50-59	4,000	3,000	D	2,000	D	2,000
60-75	3,000	1,000	D	2,000	D	1,000
Earth/atmospheric/ocean scientists	30,000	22,000	D	17,000	3,000	8,000
<30	3,000	3,000	D	1,000	1,000	1,000
30-39	7,000	6,000	D	3,000	1,000	2,000
40-49	8,000	6,000	D	5,000	S	3,000
50-59	10,000	7,000	D	7,000	D	3,000
60-75	2,000	1,000	D	1,000	D	D
Physicists/astronomers	6,000	5,000	D	2,000	2,000	1,000
<30	2,000	2,000	D	D	1,000	D
30-39	2,000	2,000	D	1,000	*	D
40-49	1,000	1,000	D	D	D	D
50-59	1,000	D	D	D	D	D
60-75	D	D	D	D	D	D
Postsecondary teachers-physical/related sciences	12,000	5,000	12,000	2,000	S	*
<30	2,000	1,000	2,000	1,000	D	D
30-39	3,000	1,000	3,000	S	D	D
40-49	3,000	S	3,000	D	D	D
50-59	2,000	S	2,000	D	D	D
60-75	2,000	D	2,000	D	D	D
Other physical/related scientists	10,000	5,000	D	7,000	S	2,000
<30	1,000	1,000	D	1,000	D	D
30-39	2,000	1,000	D	2,000	D	1,000
40-49	4,000	2,000	D	3,000	D	1,000
50-59	2,000	1,000	D	1,000	D	D
60-75	D	D	D	D	D	D

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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
Social/related scientists	218,000	99,000	47,000	99,000	7,000	107,000
<30	33,000	20,000	9,000	10,000	2,000	14,000
30-39	65,000	39,000	10,000	29,000	3,000	25,000
40-49	42,000	16,000	9,000	26,000	D	19,000
50-59	51,000	16,000	10,000	24,000	D	31,000
60-75	27,000	8,000	9,000	10,000	D	17,000
Economists	15,000	7,000	D	8,000	2,000	6,000
<30	2,000	2,000	D	1,000	S	1,000
30-39	5,000	4,000	D	3,000	*	1,000
40-49	5,000	1,000	D	3,000	D	3,000
50-59	1,000	D	D	1,000	D	D
60-75	1,000	D	D	S	D	1,000
Political/related scientists	10,000	5,000	D	5,000	D	6,000
<30	3,000	2,000	D	1,000	D	S
30-39	3,000	3,000	D	1,000	D	S
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Postsecondary teachers-social/related sciences	33,000	16,000	30,000	6,000	S	5,000
<30	6,000	2,000	6,000	1,000	D	D
30-39	7,000	4,000	7,000	1,000	D	*
40-49	7,000	4,000	6,000	2,000	D	1,000
50-59	6,000	3,000	6,000	1,000	D	D
60-75	7,000	3,000	6,000	2,000	D	2,000
Psychologists	95,000	28,000	14,000	37,000	D	78,000
<30	14,000	7,000	3,000	4,000	D	10,000
30-39	23,000	11,000	2,000	7,000	D	16,000
40-49	15,000	3,000	2,000	9,000	D	11,000
50-59	29,000	5,000	4,000	14,000	D	26,000
60-75	15,000	3,000	4,000	4,000	D	13,000
Sociologists/anthropologists	9,000	8,000	S	6,000	D	1,000
<30	3,000	3,000	D	2,000	D	D
30-39	3,000	2,000	D	2,000	D	D
40-49	1,000	S	D	D	D	D
50-59	S	S	D	S	D	D
60-75	1,000	1,000	D	D	D	D
Other social/related scientists	56,000	34,000	2,000	37,000	4,000	13,000
<30	6,000	5,000	D	3,000	D	S
30-39	23,000	16,000	D	15,000	1,000	5,000
40-49	13,000	6,000	D	11,000	D	3,000
50-59	11,000	6,000	D	6,000	D	2,000
60-75	3,000	D	D	2,000	D	D
Engineering occupations	480,000	330,000	14,000	284,000	62,000	84,000
<30	56,000	46,000	2,000	18,000	13,000	9,000
30-39	134,000	98,000	4,000	76,000	19,000	22,000
40-49	137,000	87,000	3,000	91,000	14,000	22,000
50-59	109,000	71,000	4,000	70,000	13,000	21,000
60-75	45,000	27,000	1,000	29,000	3,000	11,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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
Aerospace/aeronautical/astronautical engineers	37,000	23,000	1,000	22,000	5,000	7,000
<30	3,000	3,000	*	1,000	1,000	*
30-39	10,000	7,000	D	5,000	1,000	2,000
40-49	10,000	6,000	D	7,000	1,000	2,000
50-59	8,000	4,000	D	5,000	2,000	1,000
60-75	6,000	3,000	D	4,000	D	3,000
Chemical engineers	23,000	17,000	D	14,000	3,000	5,000
<30	2,000	2,000	D	1,000	*	*
30-39	5,000	3,000	D	3,000	1,000	2,000
40-49	6,000	4,000	D	3,000	D	1,000
50-59	7,000	5,000	D	5,000	D	1,000
60-75	3,000	2,000	D	2,000	D	1,000
Civil/architectural/sanitary engineers	76,000	47,000	*	56,000	4,000	16,000
<30	9,000	7,000	D	4,000	1,000	2,000
30-39	22,000	13,000	D	17,000	1,000	4,000
40-49	18,000	10,000	D	15,000	S	3,000
50-59	19,000	13,000	D	15,000	1,000	5,000
60-75	8,000	4,000	D	5,000	D	3,000
Electrical/computer hardware engineers	133,000	102,000	2,000	57,000	33,000	16,000
<30	17,000	14,000	D	4,000	8,000	3,000
30-39	39,000	32,000	D	14,000	11,000	4,000
40-49	42,000	28,000	D	23,000	8,000	5,000
50-59	26,000	21,000	D	12,000	5,000	3,000
60-75	9,000	6,000	D	4,000	1,000	1,000
Industrial engineers	23,000	12,000	D	17,000	2,000	7,000
<30	3,000	2,000	D	2,000	*	1,000
30-39	7,000	4,000	D	6,000	*	2,000
40-49	8,000	5,000	D	5,000	D	2,000
50-59	4,000	1,000	D	2,000	1,000	2,000
60-75	1,000	D	D	1,000	D	D
Mechanical engineers	91,000	73,000	1,000	54,000	6,000	12,000
<30	11,000	10,000	D	3,000	1,000	1,000
30-39	27,000	22,000	D	15,000	1,000	3,000
40-49	26,000	22,000	D	17,000	1,000	3,000
50-59	19,000	14,000	D	13,000	1,000	3,000
60-75	9,000	6,000	D	6,000	D	1,000
Postsecondary teachers-engineering	8,000	4,000	7,000	2,000	*	*
<30	2,000	1,000	2,000	*	*	D
30-39	1,000	1,000	1,000	*	D	D
40-49	2,000	S	2,000	D	D	D
50-59	1,000	D	1,000	D	D	D
60-75	1,000	D	1,000	D	D	D
Other engineers	90,000	52,000	S	60,000	9,000	20,000
<30	9,000	7,000	*	3,000	1,000	2,000
30-39	23,000	15,000	*	15,000	3,000	4,000
40-49	24,000	11,000	D	19,000	2,000	7,000
50-59	25,000	13,000	D	17,000	2,000	6,000
60-75	9,000	5,000	D	6,000	D	2,000
S&E-related occupations	1,404,000	336,000	574,000	710,000	101,000	653,000
<30	113,000	28,000	51,000	42,000	6,000	65,000
30-39	365,000	104,000	152,000	174,000	31,000	162,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	392,000	91,000	159,000	208,000	30,000	182,000
50-59	402,000	79,000	169,000	219,000	26,000	179,000
60-75	132,000	34,000	44,000	68,000	8,000	65,000
Health occupations	724,000	120,000	247,000	299,000	15,000	560,000
<30	71,000	16,000	21,000	21,000	1,000	61,000
30-39	189,000	36,000	59,000	79,000	S	144,000
40-49	190,000	29,000	68,000	73,000	3,000	154,000
50-59	205,000	28,000	79,000	95,000	4,000	148,000
60-75	69,000	12,000	19,000	31,000	3,000	53,000
S&E managers, including health	194,000	54,000	2,000	189,000	22,000	32,000
<30	3,000	S	D	2,000	D	D
30-39	36,000	9,000	D	36,000	6,000	4,000
40-49	70,000	22,000	D	68,000	9,000	11,000
50-59	68,000	17,000	D	66,000	7,000	13,000
60-75	18,000	4,000	D	17,000	1,000	4,000
S&E precollege teachers	334,000	81,000	323,000	143,000	12,000	16,000
<30	29,000	5,000	29,000	14,000	1,000	S
30-39	94,000	32,000	92,000	39,000	S	4,000
40-49	93,000	20,000	89,000	43,000	4,000	5,000
50-59	90,000	17,000	89,000	35,000	4,000	3,000
60-75	28,000	7,000	24,000	12,000	D	3,000
S&E technicians/technologists	85,000	45,000	1,000	31,000	48,000	16,000
<30	8,000	6,000	D	2,000	3,000	2,000
30-39	28,000	17,000	D	8,000	18,000	2,000
40-49	21,000	10,000	D	9,000	13,000	3,000
50-59	19,000	8,000	D	7,000	10,000	6,000
60-75	8,000	3,000	D	4,000	3,000	3,000
Other S&E-related occupations	67,000	36,000	D	47,000	3,000	29,000
<30	2,000	*	D	1,000	S	1,000
30-39	18,000	11,000	D	13,000	D	7,000
40-49	18,000	9,000	D	13,000	D	9,000
50-59	20,000	8,000	D	16,000	D	10,000
60-75	9,000	8,000	D	4,000	D	2,000
Non-S&E occupations	2,768,000	486,000	651,000	2,030,000	92,000	946,000
<30	201,000	49,000	66,000	117,000	7,000	81,000
30-39	663,000	134,000	162,000	487,000	17,000	228,000
40-49	722,000	122,000	142,000	567,000	26,000	222,000
50-59	812,000	125,000	208,000	589,000	29,000	277,000
60-75	369,000	56,000	72,000	270,000	13,000	138,000
Arts/humanities/related occupations	95,000	32,000	12,000	61,000	5,000	32,000
<30	6,000	2,000	D	4,000	D	2,000
30-39	22,000	9,000	D	14,000	D	6,000
40-49	25,000	10,000	6,000	12,000	D	7,000
50-59	27,000	6,000	D	22,000	D	11,000
60-75	16,000	6,000	D	10,000	D	6,000
Management-related occupations	479,000	94,000	19,000	436,000	25,000	118,000
<30	33,000	9,000	1,000	28,000	3,000	7,000
30-39	105,000	26,000	3,000	98,000	5,000	21,000
40-49	145,000	25,000	4,000	133,000	7,000	36,000
50-59	132,000	26,000	6,000	121,000	6,000	33,000
60-75	64,000	8,000	4,000	56,000	3,000	21,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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
Non-S&E managers	531,000	69,000	26,000	519,000	13,000	107,000
<30	9,000	2,000	1,000	9,000	*	1,000
30-39	106,000	14,000	5,000	104,000	3,000	21,000
40-49	183,000	26,000	6,000	181,000	5,000	38,000
50-59	167,000	21,000	10,000	162,000	4,000	28,000
60-75	66,000	6,000	4,000	63,000	S	19,000
Non-S&E postsecondary teachers	73,000	24,000	64,000	24,000	S	9,000
<30	8,000	3,000	7,000	S	S	D
30-39	21,000	8,000	19,000	6,000	D	3,000
40-49	15,000	5,000	11,000	7,000	D	D
50-59	18,000	4,000	16,000	6,000	D	4,000
60-75	11,000	4,000	10,000	3,000	D	1,000
Non-S&E precollege/other teachers	378,000	70,000	355,000	145,000	11,000	59,000
<30	39,000	10,000	38,000	12,000	D	5,000
30-39	91,000	18,000	86,000	42,000	S	12,000
40-49	77,000	13,000	72,000	30,000	D	12,000
50-59	134,000	20,000	125,000	48,000	6,000	27,000
60-75	37,000	8,000	34,000	13,000	D	3,000
Sales/marketing occupations	296,000	49,000	7,000	279,000	12,000	58,000
<30	13,000	3,000	D	12,000	D	3,000
30-39	81,000	21,000	1,000	77,000	3,000	17,000
40-49	77,000	12,000	3,000	74,000	5,000	12,000
50-59	72,000	9,000	S	69,000	2,000	12,000
60-75	53,000	6,000	D	48,000	D	14,000
Social services/related occupations	435,000	52,000	103,000	221,000	6,000	365,000
<30	52,000	9,000	11,000	23,000	D	45,000
30-39	117,000	11,000	28,000	58,000	S	97,000
40-49	89,000	12,000	25,000	44,000	D	73,000
50-59	129,000	13,000	30,000	69,000	3,000	110,000
60-75	49,000	7,000	10,000	27,000	D	39,000
Other non-S&E occupations	481,000	96,000	65,000	344,000	19,000	198,000
<30	42,000	11,000	6,000	28,000	1,000	16,000
30-39	120,000	27,000	19,000	88,000	S	51,000
40-49	111,000	20,000	15,000	86,000	6,000	43,000
50-59	134,000	26,000	16,000	93,000	7,000	52,000
60-75	75,000	11,000	8,000	49,000	3,000	36,000
Doctoral degrees, all occupations	934,000	575,000	300,000	397,000	76,000	211,000
<30	26,000	22,000	4,000	4,000	4,000	5,000
30-39	197,000	149,000	60,000	63,000	20,000	39,000
40-49	254,000	163,000	75,000	119,000	24,000	47,000
50-59	267,000	148,000	90,000	129,000	16,000	67,000
60-75	190,000	93,000	71,000	82,000	12,000	54,000
S&E occupations	592,000	433,000	190,000	191,000	66,000	103,000
<30	21,000	19,000	3,000	3,000	3,000	2,000
30-39	147,000	121,000	40,000	40,000	19,000	21,000
40-49	165,000	124,000	50,000	61,000	20,000	23,000
50-59	149,000	102,000	53,000	53,000	14,000	31,000
60-75	109,000	67,000	43,000	34,000	10,000	25,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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
Science occupations	485,000	342,000	168,000	159,000	53,000	91,000
<30	16,000	14,000	3,000	3,000	2,000	1,000
30-39	117,000	94,000	35,000	33,000	14,000	19,000
40-49	135,000	98,000	44,000	50,000	17,000	21,000
50-59	126,000	83,000	48,000	46,000	12,000	29,000
60-75	89,000	53,000	38,000	28,000	8,000	22,000
Biological/agricultural/other life scientists	156,000	132,000	36,000	60,000	5,000	18,000
<30	6,000	6,000	D	1,000	*	*
30-39	42,000	38,000	7,000	13,000	2,000	4,000
40-49	47,000	40,000	10,000	20,000	1,000	5,000
50-59	40,000	32,000	12,000	17,000	1,000	5,000
60-75	21,000	16,000	8,000	8,000	1,000	3,000
Agricultural/food scientists	11,000	9,000	*	5,000	*	2,000
<30	*	*	D	D	D	D
30-39	2,000	1,000	D	1,000	D	*
40-49	3,000	3,000	D	1,000	D	*
50-59	4,000	3,000	D	2,000	D	1,000
60-75	2,000	1,000	D	1,000	D	*
Biological/medical scientists	108,000	100,000	3,000	45,000	4,000	13,000
<30	6,000	6,000	D	1,000	*	*
30-39	33,000	32,000	1,000	12,000	2,000	3,000
40-49	33,000	30,000	*	15,000	1,000	4,000
50-59	24,000	21,000	1,000	12,000	*	3,000
60-75	12,000	11,000	1,000	6,000	1,000	2,000
Environmental life scientists	2,000	1,000	D	1,000	D	*
<30	D	D	D	D	D	D
30-39	*	*	D	*	D	D
40-49	*	*	D	*	D	*
50-59	1,000	*	D	*	D	D
60-75	*	*	D	D	D	D
Postsecondary teachers-life/related sciences	35,000	22,000	33,000	9,000	*	2,000
<30	D	D	D	D	D	D
30-39	6,000	4,000	6,000	1,000	D	1,000
40-49	10,000	7,000	10,000	3,000	D	1,000
50-59	11,000	7,000	11,000	3,000	D	1,000
60-75	7,000	4,000	7,000	2,000	D	*
Computer/mathematical scientists	92,000	61,000	30,000	25,000	38,000	8,000
<30	3,000	2,000	1,000	1,000	1,000	D
30-39	23,000	17,000	7,000	5,000	9,000	2,000
40-49	29,000	19,000	7,000	8,000	13,000	2,000
50-59	21,000	14,000	8,000	6,000	9,000	2,000
60-75	16,000	9,000	7,000	5,000	5,000	2,000
Computer/information scientists	46,000	29,000	1,000	15,000	30,000	4,000
<30	1,000	1,000	D	1,000	1,000	D
30-39	11,000	7,000	D	4,000	6,000	S
40-49	17,000	11,000	*	5,000	12,000	1,000
50-59	10,000	6,000	D	3,000	7,000	1,000
60-75	7,000	4,000	S	3,000	4,000	*
Mathematical scientists	17,000	14,000	*	5,000	6,000	2,000
<30	1,000	1,000	D	D	*	D
30-39	5,000	4,000	D	1,000	2,000	*

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	5,000	4,000	D	2,000	2,000	*
50-59	4,000	3,000	*	1,000	1,000	1,000
60-75	3,000	2,000	D	1,000	1,000	S
Postsecondary teachers-computer/mathematical sciences	29,000	18,000	29,000	5,000	2,000	2,000
<30	1,000	1,000	1,000	D	D	D
30-39	7,000	5,000	7,000	1,000	S	*
40-49	7,000	4,000	7,000	2,000	*	*
50-59	8,000	5,000	8,000	1,000	1,000	1,000
60-75	6,000	3,000	6,000	1,000	*	*
Physical/related scientists	93,000	74,000	33,000	29,000	8,000	9,000
<30	4,000	4,000	*	*	1,000	*
30-39	22,000	19,000	8,000	6,000	2,000	2,000
40-49	26,000	20,000	9,000	10,000	1,000	2,000
50-59	23,000	18,000	9,000	8,000	2,000	2,000
60-75	18,000	13,000	7,000	5,000	2,000	2,000
Chemists, except biochemists	29,000	25,000	1,000	12,000	1,000	4,000
<30	2,000	2,000	D	*	D	D
30-39	7,000	6,000	*	2,000	*	1,000
40-49	9,000	8,000	D	4,000	D	1,000
50-59	8,000	6,000	*	3,000	*	1,000
60-75	4,000	3,000	*	2,000	*	1,000
Earth/atmospheric/ocean scientists	12,000	11,000	*	4,000	2,000	1,000
<30	1,000	1,000	D	D	D	D
30-39	3,000	2,000	D	1,000	1,000	*
40-49	3,000	2,000	D	1,000	1,000	*
50-59	3,000	3,000	*	2,000	1,000	1,000
60-75	3,000	2,000	D	1,000	*	*
Physicists/astronomers	16,000	15,000	*	4,000	4,000	1,000
<30	1,000	1,000	D	D	*	D
30-39	4,000	4,000	D	1,000	1,000	*
40-49	4,000	3,000	D	1,000	1,000	*
50-59	4,000	3,000	*	1,000	1,000	*
60-75	4,000	4,000	D	1,000	1,000	*
Postsecondary teachers-physical/related sciences	32,000	19,000	32,000	7,000	*	2,000
<30	*	*	*	D	D	D
30-39	8,000	5,000	8,000	2,000	D	1,000
40-49	9,000	5,000	9,000	2,000	D	1,000
50-59	8,000	5,000	8,000	1,000	D	*
60-75	7,000	3,000	6,000	1,000	D	*
Other physical/related scientists	4,000	4,000	*	2,000	*	1,000
<30	1,000	1,000	D	D	D	D
30-39	1,000	1,000	D	*	D	*
40-49	1,000	1,000	D	*	D	*
50-59	1,000	1,000	D	*	D	*
60-75	1,000	1,000	D	1,000	D	*
Social/related scientists	144,000	75,000	68,000	46,000	3,000	57,000
<30	3,000	2,000	1,000	1,000	D	S
30-39	30,000	21,000	13,000	9,000	1,000	10,000
40-49	34,000	19,000	17,000	12,000	1,000	12,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	42,000	19,000	19,000	15,000	1,000	19,000
60-75	34,000	15,000	17,000	10,000	*	15,000
Economists	8,000	7,000	*	3,000	1,000	2,000
<30	*	*	D	D	D	D
30-39	2,000	2,000	D	1,000	*	1,000
40-49	2,000	2,000	D	1,000	*	1,000
50-59	2,000	2,000	D	1,000	*	1,000
60-75	2,000	1,000	D	1,000	*	1,000
Political/related scientists	1,000	1,000	*	1,000	D	*
<30	D	D	D	D	D	D
30-39	*	*	D	*	D	D
40-49	*	*	D	*	D	D
50-59	*	*	D	*	D	D
60-75	*	*	D	D	D	D
Postsecondary teachers-social/related sciences	65,000	41,000	62,000	12,000	*	6,000
<30	1,000	1,000	1,000	D	D	D
30-39	13,000	10,000	13,000	1,000	D	1,000
40-49	17,000	10,000	16,000	3,000	D	2,000
50-59	18,000	11,000	17,000	4,000	D	2,000
60-75	16,000	9,000	15,000	3,000	D	1,000
Psychologists	56,000	15,000	5,000	25,000	1,000	45,000
<30	1,000	*	D	*	D	S
30-39	11,000	5,000	1,000	5,000	S	8,000
40-49	12,000	4,000	1,000	6,000	D	9,000
50-59	17,000	3,000	2,000	8,000	*	15,000
60-75	15,000	3,000	2,000	6,000	D	13,000
Sociologists/anthropologists	4,000	4,000	*	2,000	*	1,000
<30	D	D	D	D	D	D
30-39	1,000	1,000	D	1,000	D	*
40-49	1,000	1,000	D	1,000	D	*
50-59	1,000	1,000	D	1,000	D	*
60-75	1,000	1,000	D	*	D	*
Other social/related scientists	9,000	8,000	1,000	4,000	1,000	2,000
<30	D	D	D	D	D	D
30-39	2,000	2,000	D	1,000	*	*
40-49	2,000	2,000	D	1,000	*	*
50-59	3,000	2,000	*	1,000	D	1,000
60-75	1,000	1,000	D	*	D	*
Engineering occupations	107,000	91,000	22,000	32,000	13,000	12,000
<30	5,000	5,000	*	1,000	1,000	*
30-39	30,000	27,000	5,000	7,000	5,000	3,000
40-49	30,000	25,000	5,000	11,000	3,000	3,000
50-59	23,000	19,000	6,000	8,000	2,000	3,000
60-75	19,000	15,000	5,000	6,000	2,000	3,000
Aerospace/aeronautical/astronautical engineers	7,000	6,000	D	2,000	1,000	*
<30	*	*	D	D	D	D
30-39	1,000	1,000	D	*	*	*
40-49	2,000	2,000	D	1,000	*	D
50-59	2,000	1,000	D	1,000	*	D
60-75	2,000	2,000	D	*	*	D

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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
Chemical engineers	9,000	8,000	D	3,000	1,000	1,000
<30	*	*	D	D	D	D
30-39	2,000	2,000	D	1,000	D	*
40-49	3,000	3,000	D	1,000	*	*
50-59	2,000	2,000	D	1,000	*	*
60-75	1,000	1,000	D	*	D	D
Civil/architectural/sanitary engineers	6,000	4,000	D	3,000	1,000	1,000
<30	*	*	D	D	D	D
30-39	2,000	2,000	D	*	*	*
40-49	1,000	1,000	D	1,000	D	*
50-59	1,000	1,000	D	1,000	D	1,000
60-75	1,000	1,000	D	1,000	D	*
Electrical/computer hardware engineers	25,000	23,000	D	7,000	6,000	2,000
<30	2,000	2,000	D	D	1,000	D
30-39	8,000	7,000	D	2,000	2,000	*
40-49	7,000	7,000	D	3,000	2,000	*
50-59	4,000	4,000	D	1,000	1,000	1,000
60-75	4,000	3,000	D	1,000	1,000	1,000
Industrial engineers	2,000	2,000	D	1,000	D	*
<30	D	D	D	D	D	D
30-39	*	*	D	D	D	D
40-49	1,000	*	D	*	D	D
50-59	1,000	1,000	D	*	D	D
60-75	*	*	D	D	D	D
Mechanical engineers	11,000	11,000	*	3,000	2,000	1,000
<30	1,000	1,000	D	D	D	D
30-39	3,000	3,000	D	1,000	1,000	D
40-49	3,000	3,000	D	1,000	*	*
50-59	2,000	2,000	D	1,000	*	D
60-75	2,000	1,000	D	*	D	*
Postsecondary teachers-engineering	21,000	15,000	21,000	4,000	*	1,000
<30	*	*	*	D	D	D
30-39	5,000	4,000	5,000	*	D	D
40-49	5,000	4,000	5,000	1,000	D	*
50-59	6,000	4,000	5,000	1,000	D	*
60-75	5,000	3,000	5,000	1,000	*	*
Other engineers	27,000	22,000	1,000	11,000	2,000	5,000
<30	1,000	1,000	D	*	D	D
30-39	9,000	8,000	D	3,000	1,000	1,000
40-49	7,000	5,000	D	3,000	*	1,000
50-59	6,000	5,000	*	2,000	*	1,000
60-75	4,000	3,000	*	2,000	*	1,000
S&E-related occupations	117,000	56,000	44,000	59,000	5,000	44,000
<30	3,000	2,000	*	*	D	S
30-39	21,000	9,000	8,000	8,000	1,000	11,000
40-49	33,000	18,000	11,000	20,000	2,000	10,000
50-59	38,000	17,000	15,000	20,000	1,000	13,000
60-75	22,000	10,000	10,000	10,000	1,000	8,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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
Health occupations	65,000	29,000	29,000	22,000	1,000	35,000
<30	2,000	S	*	*	D	S
30-39	12,000	6,000	5,000	3,000	D	8,000
40-49	17,000	8,000	7,000	7,000	D	8,000
50-59	21,000	9,000	11,000	8,000	*	11,000
60-75	12,000	5,000	6,000	4,000	*	7,000
S&E managers, including health	32,000	19,000	*	31,000	1,000	5,000
<30	*	*	D	*	D	D
30-39	4,000	3,000	D	4,000	*	1,000
40-49	12,000	8,000	D	11,000	*	2,000
50-59	11,000	6,000	D	11,000	*	2,000
60-75	5,000	3,000	*	5,000	*	1,000
S&E precollege teachers	15,000	4,000	14,000	4,000	*	S
<30	D	D	D	D	D	D
30-39	3,000	D	3,000	S	D	D
40-49	3,000	S	3,000	1,000	D	*
50-59	4,000	1,000	4,000	1,000	D	*
60-75	4,000	D	4,000	1,000	D	D
S&E technicians/technologists	4,000	3,000	D	2,000	2,000	1,000
<30	*	*	D	D	D	D
30-39	1,000	1,000	D	*	*	*
40-49	1,000	1,000	D	*	1,000	D
50-59	1,000	1,000	D	1,000	*	*
60-75	1,000	*	D	*	D	D
Other S&E-related occupations	1,000	*	D	*	*	*
<30	D	D	D	D	D	D
30-39	D	D	D	D	D	D
40-49	*	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Non-S&E occupations	225,000	85,000	66,000	147,000	4,000	64,000
<30	2,000	1,000	1,000	1,000	D	1,000
30-39	29,000	18,000	11,000	14,000	1,000	7,000
40-49	55,000	21,000	15,000	38,000	2,000	13,000
50-59	80,000	29,000	22,000	55,000	1,000	23,000
60-75	58,000	15,000	17,000	38,000	1,000	20,000
Arts/humanities/related occupations	9,000	4,000	1,000	5,000	*	4,000
<30	D	D	D	D	D	D
30-39	2,000	S	*	1,000	D	1,000
40-49	2,000	1,000	D	1,000	D	1,000
50-59	2,000	1,000	*	1,000	D	1,000
60-75	3,000	2,000	S	2,000	D	1,000
Management-related occupations	34,000	15,000	1,000	26,000	1,000	13,000
<30	*	*	D	*	D	*
30-39	7,000	5,000	*	5,000	*	2,000
40-49	7,000	2,000	*	6,000	1,000	2,000
50-59	14,000	7,000	*	9,000	*	6,000
60-75	7,000	2,000	*	5,000	D	3,000
Non-S&E managers	75,000	23,000	3,000	72,000	1,000	12,000
<30	D	D	D	D	D	D
30-39	4,000	2,000	D	4,000	*	1,000

TABLE 10. Employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	21,000	7,000	S	20,000	1,000	4,000
50-59	29,000	9,000	1,000	29,000	*	5,000
60-75	20,000	5,000	S	19,000	*	3,000
Non-S&E postsecondary teachers	50,000	29,000	47,000	12,000	*	6,000
<30	*	*	*	D	D	D
30-39	10,000	8,000	9,000	1,000	D	1,000
40-49	13,000	8,000	12,000	3,000	D	1,000
50-59	15,000	9,000	15,000	5,000	D	1,000
60-75	12,000	3,000	11,000	3,000	D	S
Non-S&E precollege/other teachers	6,000	3,000	6,000	3,000	D	*
<30	D	D	D	D	D	D
30-39	*	D	*	*	D	D
40-49	1,000	D	1,000	D	D	D
50-59	3,000	S	2,000	S	D	*
60-75	2,000	S	S	D	D	D
Sales/marketing occupations	14,000	4,000	*	12,000	1,000	3,000
<30	*	D	D	D	D	D
30-39	2,000	1,000	D	1,000	*	*
40-49	4,000	1,000	D	4,000	D	*
50-59	4,000	1,000	D	4,000	D	S
60-75	3,000	1,000	D	3,000	D	1,000
Social services/related occupations	16,000	1,000	5,000	8,000	D	11,000
<30	D	D	D	D	D	D
30-39	S	D	S	S	D	*
40-49	2,000	*	*	1,000	D	2,000
50-59	7,000	1,000	3,000	4,000	D	4,000
60-75	6,000	*	S	2,000	D	5,000
Other non-S&E occupations	21,000	6,000	3,000	10,000	*	14,000
<30	S	D	D	D	D	*
30-39	3,000	1,000	*	1,000	D	2,000
40-49	6,000	2,000	S	4,000	D	4,000
50-59	6,000	1,000	1,000	2,000	D	4,000
60-75	6,000	2,000	1,000	3,000	D	3,000

* = value < 500. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

^aTotal includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received bachelor's or higher degree in S&E or S&E-related field through 30 June 2007, plus any person holding non-S&E bachelor's or higher degree who was employed in S&E or S&E-related occupation on 1 October 2003. See <http://sestat.nsf.gov/docs/occ03maj.html> for detailed description of occupational classification. Numbers are rounded to nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2008.