

TABLE H-35. Scientists and engineers employed full time in business or industry, by occupation, publications since 1998, applications for U.S. patents since 1998, sex, race/ethnicity, and disability status: 2003

Occupation, publications, and patents	Total	Sex		Race/ethnicity					Disability status	
		Female	Male	White	Asian	Black	Hispanic	American	No disability	With disability
								Indian/ Alaska Native		
Publications since 1998										
All occupations	8,850,100	2,611,800	6,238,300	6,772,600	1,055,700	398,700	453,600	29,800	8,433,200	416,900
None	7,407,500	2,286,700	5,120,800	5,640,800	887,600	345,500	391,800	24,200	7,053,700	353,800
1 or 2	645,400	163,400	482,000	515,100	72,300	24,500	25,200	2,100	614,500	30,900
3 to 5	371,800	73,600	298,200	282,100	47,700	15,900	17,500	1,800	354,200	17,600
6 to 10	221,200	59,400	161,900	170,500	26,400	7,000	9,300	700	214,100	7,100
11 to 20	128,000	16,600	111,300	105,000	13,800	2,900	4,900	S	123,900	4,000
More than 20	76,100	12,100	64,000	59,000	7,900	3,000	5,000	S	72,800	3,400
Patents since 1998										
All natural scientists and engineers ^a	2,879,400	546,900	2,332,400	2,115,700	475,600	117,400	121,100	7,200	2,750,100	129,300
None	2,610,900	521,400	2,089,500	1,910,600	427,600	113,000	113,600	6,700	2,493,200	117,700
1 or more	268,500	25,500	242,900	205,100	48,100	4,400	7,500	500	256,900	11,600
Biological/life scientist	119,000	49,000	69,900	88,900	18,400	4,500	6,200	200	113,500	5,500
None	100,800	43,600	57,200	76,300	13,500	4,300	5,800	S	96,000	4,800
1 or more	18,100	5,400	12,700	12,600	4,900	200	400	S	17,400	700
Computer and information scientist	1,398,700	330,200	1,068,500	971,200	285,900	68,400	49,400	2,800	1,337,500	61,200
None	1,325,000	321,800	1,003,200	916,100	272,500	66,400	47,900	2,700	1,266,900	58,100
1 or more	73,700	8,400	65,300	55,100	13,400	2,000	1,500	S	70,600	3,100
Engineer	1,174,800	113,100	1,061,800	909,900	146,800	38,700	58,400	3,500	1,120,200	54,600
None	1,027,000	105,500	921,500	793,600	123,300	37,200	53,200	3,200	979,600	47,400
1 or more	147,800	7,500	140,300	116,300	23,500	1,400	5,200	S	140,700	7,200
Mathematical scientist	30,600	8,800	21,700	25,000	3,600	1,200	300	S	28,600	2,000
None	29,100	8,800	20,300	23,700	3,400	1,200	200	S	27,200	1,900
1 or more	1,500	100	1,400	1,200	200	S	S	S	1,400	S
Physical scientist	156,300	45,800	110,500	120,600	21,000	4,500	6,900	800	150,200	6,100
None	129,000	41,700	87,300	100,800	14,900	3,800	6,500	700	123,500	5,500
1 or more	27,300	4,200	23,100	19,800	6,100	700	400	S	26,700	600

S = suppressed for data reliability reasons.

^a The prevalence of patents by social scientists was so low they were excluded from this analysis, as were those in S&E-related and non-S&E occupations.

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding. Total includes Native Hawaiian/Other Pacific Islander and multiple race not shown separately. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability." The questions on publications and patents were not asked in 2006.

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