

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

Occupation, publications, and patents	Race/ethnicity										
	Total	Sex		Race/ethnicity						Disability status	
		Female	Male	White	Asian	Black	Hispanic	American Indian/ Alaska Native	No disability	With disability	
<b>Publications since 1998</b>											
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	
<b>Patents since 1998</b>											
All natural scientists and engineers <sup>a</sup>	2,879,400	546,900	2,332,400	2,115,700	475,600	117,400	121,100	7,200	2,750,100	129,300	
No	2,610,900	521,400	2,089,500	1,910,600	427,600	113,000	113,600	6,700	2,493,200	117,700	
Yes	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	
No	100,800	43,600	57,200	76,300	13,500	4,300	5,800	S	96,000	4,800	
Yes	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	
No	1,325,000	321,800	1,003,200	916,100	272,500	66,400	47,900	2,700	1,266,900	58,100	
Yes	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	
No	1,027,000	105,500	921,500	793,600	123,300	37,200	53,200	3,200	979,600	47,400	
Yes	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	
No	29,100	8,800	20,300	23,700	3,400	1,200	200	S	27,200	1,900	
Yes	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	
No	129,000	41,700	87,300	100,800	14,900	3,800	6,500	700	123,500	5,500	
Yes	27,300	4,200	23,100	19,800	6,100	700	400	S	26,700	600	

S = suppressed because fewer than 50 weighted cases.

<sup>a</sup> 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."

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