

Table 40. Patent activities by doctoral scientists and engineers between April 1995 and April 2001, by field of doctorate: 2001

Patent activities	Field of doctorate								
	All fields	Computer and information sciences	Mathematical sciences	Biological and agricultural sciences	Health sciences	Physical and related sciences	Social sciences	Psychology	Engineering
Total doctoral scientists and engineers (number).....	656,500	11,200	29,600	161,200	23,700	131,700	87,600	98,600	113,000
					Percent				
Named as inventor.....	15	27	6	15	6	23	1	1	29
Not named as inventor.....	85	73	94	85	94	77	99	99	71
Total named on patent applications (number).....	95,600	3,000	1,800	24,700	1,300	29,900	900	1,400	32,600
					Percent				
Number of patent applications:									
1-2.....	53	49	60	66	73	46	76	67	48
3-10.....	39	46	30	31	S	44	S	S	43
More than 10.....	8	S	S	4	S	10	S	S	9
Number of patents granted:									
None.....	26	39	37	33	S	21	S	38	24
1-2.....	45	42	41	48	53	43	S	53	46
3-10.....	24	S	S	18	S	30	S	S	26
More than 10.....	5	S	S	S	S	8	S	S	5
Total with patents granted (number).....	70,900	1,800	1,100	16,500	900	24,000	S	900	25,100
					Percent				
Number of products or licenses:									
None.....	45	36	S	52	S	44	S	S	42
1-2.....	39	41	S	38	S	38	S	S	40
More than 3.....	16	S	S	10	S	18	S	S	18

KEY: S = Suppressed due to too few cases (fewer than 500 weighted cases).

NOTES: Numbers are rounded to nearest hundred. Percentages are rounded to the nearest whole number. Details may not add to totals because of rounding. Survey of Doctorate Recipients includes persons who had earned a science or engineering research doctorate from an U.S. institution and resided in U.S. as of April 2001.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 2001 Survey of Doctorate Recipients