

Table 40a. Standard errors on 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).....	837.1	125.7	269.1	401.8	121.0	386.9	468.5	218.6	410.7
	Percent								
Named as inventor.....	0.2	2.0	0.7	0.4	0.7	0.5	0.2	0.2	0.7
Not named as inventor.....	0.2	2.0	0.7	0.4	0.7	0.5	0.2	0.2	0.7
Total named on patent applications (number).....	1,272.8	230.5	212.5	681.7	169.3	690.2	164.5	215.0	769.9
	Percent								
Number of patent applications:									
1-2.....	0.7	4.4	6.1	1.5	5.4	1.4	8.6	6.7	1.1
3-10.....	0.7	4.3	5.9	1.4	S	1.4	S	S	1.2
More than 10.....	0.4	S	S	0.6	S	0.9	S	S	0.8
Number of patents granted:									
None.....	0.7	3.7	5.7	1.4	S	1.2	S	6.8	1.1
1-2.....	0.8	4.2	5.8	1.6	6.4	1.4	S	6.5	1.3
3-10.....	0.7	S	S	1.3	S	1.4	S	S	1.1
More than 10.....	0.3	S	S	S	S	0.7	S	S	0.6
Total with patents granted (number).....	1,151.9	183.3	182.1	583.4	128.4	644.4	S	176.3	705.6
	Percent								
Number of products or licenses:									
None.....	0.9	5.3	S	1.7	S	1.5	S	S	1.5
1-2.....	0.9	5.1	S	1.7	S	1.5	S	S	1.5
More than 3.....	0.7	S	S	1.0	S	1.2	S	S	1.2

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

NOTE: 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