

Appendix table 6-19

**Expectation of developing products or processes as result of IT-based innovation in next 12 months, by industry, revenue size, and innovator: 2001**

(Frequency)

Characteristic	Respondents	Definitely yes	Probably yes	Probably not	Definitely not	Nonresponse	Not applicable
All companies .....	72,400	2,700	7,400	18,900	18,100	1,100	24,300
IT .....	9,700	300	1,200	1,600	1,000	S	5,500
Manufacturing .....	3,000	S	400	900	600	S	1,000
Communication .....	1,600	S	100	200	200	S	1,000
Computer related services .....	5,100	S	700	500	S	0	3,400
Non-IT .....	62,700	2,300	6,300	17,300	17,000	1,000	18,800
Manufacturing .....	39,300	S	4,000	12,600	10,900	S	9,700
Transportation and public utilities .....	8,500	S	800	1,900	2,700	S	2,700
Finance, insurance and real estate .....	11,900	S	1,100	2,100	2,700	S	5,200
Engineering and AAB services .....	2,900	S	300	700	700	S	1,100
Revenue size (millions of dollars)							
2.5–4.9 .....	26,500	900	2,800	7,100	7,400	S	7,600
5–9.9 .....	17,800	S	1,800	5,100	4,400	S	5,800
10–24.9 .....	16,100	S	1,500	4,000	4,400	S	5,500
25–50 .....	6,000	S	S	1,600	900	S	2,100
More than 50 .....	5,900	S	S	1,100	S	S	3,300
Innovators <sup>a</sup> .....	34,400	2,700	7,400	0	0	0	24,300
IT .....	7,000	300	1,200	0	0	0	5,500
Manufacturing .....	1,500	S	400	0	0	0	1,000
Communication .....	1,200	S	100	0	0	0	1,000
Computer related services .....	4,300	S	700	0	0	0	3,400
Non-IT .....	27,400	2,300	6,300	0	0	0	18,800
Manufacturing .....	15,300	S	4,000	0	0	0	9,700
Transportation and public utilities .....	3,700	S	800	0	0	0	2,700
Finance, insurance and real estate .....	6,900	S	1,100	0	0	0	5,200
Engineering and AAB services .....	1,500	S	300	0	0	0	1,100
Revenue size (millions of dollars)							
2.5–4.9 .....	11,400	900	2,800	0	0	0	7,600
5–9.9 .....	8,100	S	1,800	0	0	0	5,800
10–24.9 .....	7,700	S	1,500	0	0	0	5,500
25–50 .....	3,500	S	S	0	0	0	2,100
More than 50 .....	3,700	S	S	0	0	0	3,300
Noninnovators <sup>a</sup> .....	37,000	0	0	18,900	18,100	0	0
IT .....	2,600	0	0	1,600	1,000	0	0
Manufacturing .....	1,500	0	0	900	600	0	0
Communication .....	400	0	0	200	200	0	0
Computer related services .....	800	0	0	500	S	0	0
Non-IT .....	34,300	0	0	17,300	17,000	0	0
Manufacturing .....	23,500	0	0	12,600	10,900	0	0
Transportation and public utilities .....	4,600	0	0	1,900	2,700	0	0
Finance, insurance and real estate .....	4,800	0	0	2,100	2,700	0	0
Engineering and AAB services .....	1,400	0	0	700	700	0	0
Revenue size (millions of dollars)							
2.5–4.9 .....	14,400	0	0	7,100	7,400	0	0
5–9.9 .....	9,500	0	0	5,100	4,400	0	0
10–24.9 .....	8,400	0	0	4,000	4,400	0	0
25–50 .....	2,500	0	0	1,600	900	0	0
More than 50 .....	2,200	0	0	1,100	S	0	0

AAB accounting, auditing, bookkeeping

IT information technology

S suppressed for reasons of reliability due to receiving fewer than 20 responses

<sup>a</sup>Breakdown by innovation excludes 32 cases, representing 1,100 companies, in which innovator status could not be determined. To be classified as an innovator, the company had to indicate that it had developed a product or process in the past 12 months or believed it would develop a product or process in the next 12 months as a result of IT-based innovation. The survey was conducted between July 2001 and April 2002.

NOTES: Responses are to the question: "Did your company develop any products or processes in the past 12 months that were the result of IT-based innovation?" Nonresponse consists of item non-response, don't know responses, and item refusal. IT is defined as the hardware and software that support the production or use of computer-based information systems, the infrastructure necessary to access such information systems, or data-processing services. Companies are classified as IT or non-IT based on their 4-digit standard industrial classification (SIC) number. IT manufacturing includes companies with SICs 3571–3579, 3651, 3661–3679, 3823–3826, and 3895. IT communication includes companies with SICs 4812–4822, 4832, 4833, and 4841–4899. IT computer-related services include companies with SICs 7371–7379. Non-IT manufacturing includes companies with SICs 2011–3569, 3581–3648, 3652, 3691–3694, 3699–3822, and 3827–3999. Non-IT transportation and public utilities include companies with SICs 4011–4231, 4412–4789, and 4911–4971. Non-IT finance, insurance, and real estate include companies with SICs 6011–6036, 6081–6153, 6159, and 6162–6799. Non-IT engineering and AAB services include companies with SICs 8711 and 8721.

SOURCE: National Science Foundation, Division of Science Resource Statistics, Information Technology Information Survey, 2001.