

Appendix table 6-18

**Development of products or processes as result of IT-based innovation in past 12 months, by industry and revenue size: 2001**

(Frequency)

Characteristic	Respondents	Yes	No	Nonresponse
All companies	72,400	24,300	47,300	800
IT	9,700	5,500	4,100	S
Manufacturing	3,000	1,000	2,000	S
Communication	1,600	1,000	600	S
Computer-related services	5,100	3,400	1,600	S
Non-IT	62,700	18,800	43,200	S
Manufacturing	39,300	9,700	29,200	S
Transportation and public utilities	8,500	2,700	5,700	S
Finance, insurance and real estate	11,900	5,200	6,500	S
Engineering and AAB services	2,900	1,100	1,800	S
Revenue size (millions of dollars)				
2.5–4.9	26,500	7,600	18,400	S
5–9.9	17,800	5,800	11,900	S
10–24.9	16,100	5,500	10,600	S
25–50	6,000	2,100	3,900	S
More than 50	5,900	3,300	2,600	S
Innovators <sup>a</sup>	34,400	24,300	9,900	S
IT	7,000	5,500	1,400	S
Manufacturing	1,500	1,000	500	S
Communication	1,200	1,000	100	S
Computer-related services	4,300	3,400	800	S
Non-IT	27,400	18,800	8,500	S
Manufacturing	15,300	9,700	5,500	0
Transportation and public utilities	3,700	2,700	900	S
Finance, insurance and real estate	6,900	5,200	1,600	S
Engineering and AAB services	1,500	1,100	400	S
Revenue size (millions of dollars)				
2.5–4.9	11,400	7,600	3,600	S
5–9.9	8,100	5,800	2,300	S
10–24.9	7,700	5,500	2,200	S
25–50	3,500	2,100	1,400	0
More than 50	3,700	3,300	S	S
Noninnovators <sup>a</sup>	37,000	0	36,500	S
IT	2,600	0	2,600	S
Manufacturing	1,500	0	1,400	S
Communication	400	0	400	0
Computer-related services	800	0	800	S
Non-IT	34,300	0	33,900	S
Manufacturing	23,500	0	23,200	S
Transportation and public utilities	4,600	0	4,600	S
Finance, insurance and real estate	4,800	0	4,800	S
Engineering and AAB services	1,400	0	1,400	S
Revenue size (millions of dollars)				
2.5–4.9	14,400	0	14,100	S
5–9.9	9,500	0	9,400	S
10–24.9	8,400	0	8,400	0
25–50	2,500	0	2,500	S
More than 50	2,200	0	2,100	S

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 nonresponse, 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.