

Appendix table 6-21

Type of development expected as result of IT-based innovation in next 12 months, by industry and revenue size: 2001

(Frequency)

Characteristic of innovators ^a	Respondents	Product	Process	Nonresponse	Not applicable
All industry	34,400	3,300	6,700	S	24,300
IT	7,000	700	800	S	5,500
Manufacturing	1,500	300	200	0	1,000
Communication	1,200	S	S	0	1,000
Computer-related services	4,300	400	500	S	3,400
Non-IT	27,400	2,600	5,900	S	18,800
Manufacturing	15,300	S	3,700	0	9,700
Transportation and public utilities	3,700	S	800	S	2,700
Finance, insurance, and real estate.....	6,900	S	1,000	S	5,200
Engineering and AAB services	1,500	S	300	S	1,100
Revenue size (millions of dollars)					
2.5–4.9	11,400	1,300	2,400	S	7,600
5–9.9	8,100	800	1,600	S	5,800
10–24.9	7,700	S	1,500	S	5,500
25–50	3,500	S	S	0	2,100
More than 50.....	3,700	S	S	0	3,300

AAB accounting, auditing, bookkeeping

IT information technology

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

^aBreakdowns by innovation exclude 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 during the period July 2001–April 2002.

NOTES: Responses are to the question: "Will the result be primarily products or processes?" This question was only asked of innovators. Nonresponse consists of item nonresponse, don't know responses, and item refusal. Not applicable represents those respondents who were not asked the question. Companies are classified as IT or Non-IT based on their four-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 include 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.