

Appendix table 6-20

Product or process developed as result of IT-based innovation that contributed most to revenue in past 12 months, by industry and revenue size: 2001

(Frequency)

Characteristic of innovators ^a	Respondents	Product	Process	Nonresponse	Not applicable
All industries.....	34,400	9,200	14,600	S	10,100
IT.....	7,000	3,200	2,200	S	1,500
Manufacturing.....	1,500	500	500	S	500
Communication.....	1,200	600	400	S	100
Computer-related services.....	4,300	2,100	1,300	S	800
Non-IT.....	27,400	6,000	12,400	S	8,600
Manufacturing.....	15,300	3,300	6,300	S	5,500
Transportation and public utilities.....	3,700	800	1,900	S	1,000
Finance, insurance, and real estate.....	6,900	1,500	3,500	S	1,700
Engineering and AAB services.....	1,500	400	700	S	400
Revenue size (millions of dollars)					
2.5–4.9.....	11,400	3,500	4,000	S	3,800
5–9.9.....	8,100	2,300	3,400	S	2,400
10–24.9.....	7,700	1,600	3,700	S	2,200
25–50.....	3,500	900	1,200	S	1,400
More than 50.....	3,700	900	2,300	S	400

AAB accounting, auditing, bookkeeping

IT information technology

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

^aBreakdown 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: "Please think of the single IT-based product or process that has contributed most to your company's revenue in the past 12 months. Is this contribution a product or a process?" 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. 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 includes 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.