

6. 世界 主要 企業 現況

가. 世界的 情報處理企業 TOP 100 個社

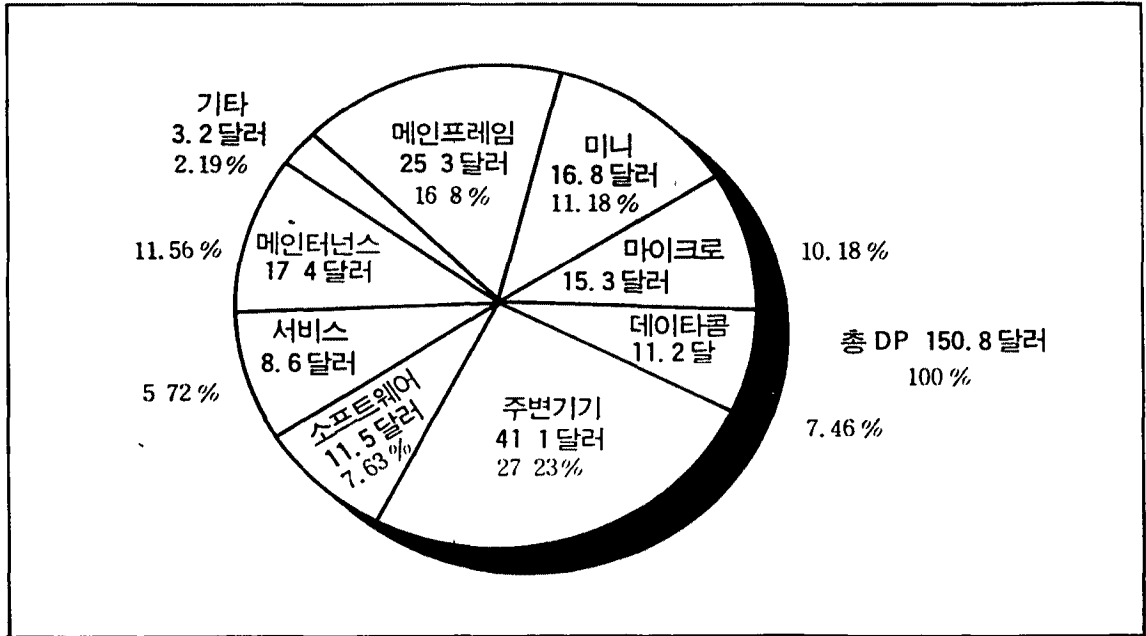
순 위		기 업 명	1985 년		1984 년		정보처리 관 련 매출고의 성장율(%)
1985년	1984년		총 매출 고 (100 만달러)	정보처 리 관련매출고 (100만달러)	정보처 리 관련매출고 (100만달러)	관 련 매출고의 성장율(%)	
1	1	International Business Machines	\$ 50,056 0	\$ 48,554 0	\$ 44,292 0	9 6	
2	2	Digital Equipment Corp	7,029 4	7,029 4	6,230 0	12 8	
3	7	Sperry Corp	5,526 8	4,755 1	4,015 0	18 4	
4	3	Burroughs Corp	5,037 7	4,685 3	4,500 0	4 1	
5	6	Fujitsu Ltd.	6,563 0	4,309 5	3,838 7	12 3	
6	5	NCR Corp	4,317 2	3,885 5	3,670 0	5 9	
7	9	NEC Corp	9,899 4	3,761 8	3,298 3	14 1	
8	4	Control Data Corp	3,679 7	3,679 7	3,692 6	-0 3	
9	8	Hewlett-Packard Co	6,505 0	3,675 0	3,400 0	8 1	
10	10	Siemens AG	18,574 9	3,265 0	2,789 7	17 0	
11	12	Hitachi Ltd	20,919 4	2,885 4	2,562 0	12 6	
12	13	Ing. C. Olivetti & Co S.P.A	3,070 2	2,518 2	2,121 4	18 7	
13	11	Wang Laboratories Inc	2,428 3	2,428 3	2,421 3	0 3	
14	17	Xerox Corp	8,732 1	1,959 0	1,718 2	14 0	
15	15	Honeywell Inc	6,624 6	1,951 9	1,825 3	6 9	
16	16	Groupe Bull	1,794 5	1,794 5	1,555 4	15 4	
17	14	Apple Computer Corp	1,753 8	1,753 8	1,897 9	-7 6	
18	18	AT&T Co	34,910 0	1,500 0	1,340 0	11 9	
19	25	TRW Inc	5,917 2	1,450 0	1,105 0	31 2	
20	-	Matsushita Electric Indust Co Ltd	21,221 4	1,447 6	1,113 4	30 0	
21	22	Toshiba Corp	14,377 9	1,409 0	1,083 2	30 1	
22	26	N V Philips Gloeilampenfabrieken	18,085 6	1,365 6	1,246 0	9 6	
23	21	Nixdorf Computer AG	1,339 9	1,339 9	1,147 4	16 8	
24	20	STC plc	2,560 6	1,330 8	1,258 6	5 7	
25	27	Northern Telecom Ltd	4,246 9	1,240 8	1,170 0	6 1	
26	24	LM Ericsson	3,779 3	1,232 8	1,123 2	9 8	
27	38	Tandy Corp	3,126 3	1,200 0	932 6	28 7	
28	19	Data General Corp	1,199 7	1,199 7	1,254 5	-4 4	
29	31	General Electric Co	28,285 0	1,130 0	945 0	19 6	
30	28	McDonnell Douglas Corp	11,477 7	1,104 5	982 8	12 4	
31	29	Automatic Data Processing Inc	1,102 1	1,102 1	959 4	14 9	
32	35	General Motors Corp	96,371 7	978 3	786 1	24 4	
33	33	Mitsubishi Electric Corp	8,484 4	933 3	823.9	13 3	
34	30	Oki Electric Industry Co Ltd	1,680 0	890 4	855 8	4 0	
35	36	Amdahl Corp	862 0	862 0	779 4	10 6	
36	37	Harris Corp	2,306 6	810 0	730 0	11 0	
37	39	Computer Sciences Corp	800 7	800 7	709 6	12 8	
38	40	Prime Computer Inc	769 7	769 7	642 8	19 7	
39	-	Nippon Telegraph and Telephone Corp	20,651 4	764 1	632.4	20 8	
40	41	ITT Corp	20,007 0	756 0	640 0	18 1	
41	23	Commodore International Ltd	798 6	750 0	1,150 0	-34 8	
42	32	Texas Instruments Inc	4,924 5	750 0	860 0	-12 8	
43	49	C. Itoh & Co Ltd	61,435 1	706 7	616 5	14 6	
44	43	Motorola Inc	5,443 0	704 0	618 0	13 9	
45	34	Storage Technology Corp	673 4	673 4	808 6	-16 7	
46	47	National Semiconductor Corp	1,605 9	650 0	550 0	18 2	
47	65	Ricoh Co Ltd	2,441 2	634 7	469 2	35 3	
48	45	Tandem Computers Inc	634 6	634 6	565 9	12 1	
49	50	Telex Corp	683 1	597 4	442 7	34 9	
50	-	Nippon Univac Kaisha Ltd	552 9	552 9	495 9	11 5	

1985년 총매출고에 대한 정보처리관련매 출고의비율(%)	달러 이외의 회계 통화				1985년 고용자수	연구개발비		순이익 (100만 달러)	회 계 년도말	
	정보처리관련매출고(100만)		성장율 (%)	미국기업 이외의 소재국		1985년	총매출고 에 대한 비율(%)			
	1985년	1984년								
100					5,065	\$50.7	9.6	\$67.8	Dec	
100					1,860	15.9	3.1	26.6	Dec	
5	FF	4,300.0	3,900.0	10.3	France	155,000	NA	NA	111.4	Dec
78						NA	NA	NA	87.5	Dec
4	£	355.0	NA	NA	U K	232,000	243.6	2.3	1,341.1	Dec
3	DM	1,331.7	1,112.6	19.7	W Ger	NA	NA	NA	NA	Dec
100						4,770	61.6	13.8	-80.8	Dec
10						66,000	176.2	4.0	249.4	Dec
100						5,993	44.7	11.1	-62.1	July
100						1,992	28.4	7.1	11.5	Dec
23	£	297.0	347.0	-14.7	U K	33,000	102.6	6.3	138.5	March
100						3,180	49.2	12.9	75.6	Dec
100						4,100	31.2	8.2	23.4	March
26						20,094	201.5	14.0	92.7	May
2	DM	1,050.0	850.0	23.5	W Ger	130,173	850.2	5.6	NA	Dec
79	DM	1,046.0	977.6	7.0	W Ger	8,246	NA	NA	NA	Dec
22						33,000	96.0	5.9	-7.7	Dec
22						29,802	NA	NA	NA	Aug
100						NA	NA	NA	17.8	June
79						5,229	16.4	4.0	30.4	Dec
41						11,413	40.1	5.1	35.1	July
100						3,300	28.5	9.1	41.7	Dec
36						11,790	116.0	13.6	32.6	Sept
100						3,400	41.5	14.0	-1.5	Dec
4						85,466	507.0	6.5	664.0	Dec
100	C\$	403.9	371.0	8.9	Canada	5,233	NA	NA	-23.1	Feb
38	£	220.0	199.5	10.3	U K	20,981	NA	NA	38.6	March
11						22,000	NA	NA	240.0	Dec
2						104,000	409.0	3.0	566.0	Dec
19						18,605	189.8	13.4	-175.7	Dec
100						3,100	12.3	4.6	-135.4	Sept
100						NA	NA	NA	7.9	June
20						15,515	114.3	8.7	82.1	July
100						2,722	15.0	5.9	8.2	Sept
100						3,749	23.9	9.5	-31.2	Dec
13	£	195.0	217.5	-10.3	U K	37,533	107.4	5.8	104.0	Mar
100	FF	2,200.0	1,800.0	22.2	France	5,200	12.3	5.0	14.1	Dec
100						3,000	NA	NA	-7.7	Sept
100						NA	21.2	9.4	38.2	Dec
96	£	175.0	90.0	94.4	U K	NA	1.9	NA	21.2	Dec
4	¥	52,806.6	58,888.6	-10.3	Japan	44,908	464.7	7.8	306.7	Oct
100	NOK	1,888.0	1,360.0	38.8	Norway	NA	NA	NA	NA	Dec
12	FMK	1,349.0	1,086.0	24.2	Finland	28,000	77.3	NA	NA	Dec
100						1,700	10.4	4.8	0.6	Dec
100						5,700	19.3	9.0	1.0	June
25						NA	52.5	20.8	-106.7	Feb
2						128,950	976.0	9.2	332.0	Dec
100						NA	16.9	8.2	19.7	April
100						1,701	17.0	8.3	22.0	Dec
5	£	159.9	260.0	-38.5	U K	NA	NA	NA	NA	March

순 위		기 업 명	1985 년		1984 년		정보처리 관 련 매출고의 성장률(%)
1985년	1984년		총매출고 (100만달러)	정보처리 관련매출고 (100만달러)	정보처리 관련매출고 (100만달러)	정보처리 관련매출고의 성장률(%)	
51	52	Intergraph Corp	\$ 526 4	\$ 526 4	\$ 403 8	30 4	
52	61	Compaq Computer Corp	503 9	503 9	329 0	53 2	
53	-	Compagnie Générale d'Electricité	8,908 7	479 0	446 2	7 4	
54	-	Comdisco Inc	602 9	467 9	387 6	20 7	
55	-	British Telecom Plc	10,504 2	455 1	NA	NA	
56	42	Volkswagen AG	17,855 2	452 9	390 4	16 0	
57	46	Computervision Corp	441 1	441 1	556 3	-20 7	
58	58	Martin Marietta Corp	4,410 1	429 9	361 5	18 9	
59	44	Datapoint Corp	404 2	404 2	556 2	-27 3	
60	57	Convergent Technologies Inc	395 2	395 2	361 7	9 3	
61	51	Racal Electronics plc	1,627 0	380 8	462 7	-17 7	
62	77	Cray Research Inc	380 2	380 2	228 8	66 2	
63	48	Dataproducts Corp	378 4	378 4	438 8	-13 8	
64	54	Tektronix Inc	1,434 5	366 9	386 7	-5 1	
65	63	BASF	15,092 6	357 1	298 3	19 7	
66	60	Mannesmann Kienzle GmbH	448 1	355 7	343 0	3 7	
67	75	Zenith Electronics Corp	1,623 7	352 0	249 0	41 4	
68	-	Arthur Andersen	1,573 9	343 6	281 7	22 0	
69	-	Xidex Corp	342 0	342 0	195 4	75 0	
70	55	Diebold Inc	410 9	324 2	374 1	-13 3	
71	70	Sanders Associates Inc	783 8	323 4	260 8	24 0	
72	72	Shared Medical Systems Corp	312 2	312 2	256 8	21 6	
73	73	M/A-COM Inc	855 2	305 4	250 0	22 2	
74	80	Apollo Computer Inc	295 6	295 6	215 9	36 9	
75	67	3M	7,846 0	295 4	281 4	5 0	
76	68	Mitel Corp	294 8	294 8	289 4	1 9	
77	69	Ferranti plc	737 2	282 1	266 0	6 1	
78	76	Continental Telecom Inc	2,557 0	277 8	242 4	14 6	
79	71	Boeing Co	13,636 0	270 0	260 0	3 8	
80	79	Gould Inc	1,420 1	269 4	2224 5	20 0	
81	53	Tandon Corp	268 8	268 8	398 5	-32 5	
82	84	NBI Inc	260 7	260 7	191 1	36 4	
83	74	Perkin-Elmer Corp	1,310 0	259 0	233 0	11 2	
84	-	MAI Basic Four Inc	252 8	252 8	NA	NA	
85	66	Paradyne Corp	252 5	252 5	289 9	-12 9	
86	64	Plessey Co plc	1,862 0	250 0	290 0	-13 8	
87	82	Cap Gemini Sogeti	245 1	245 1	205 9	19 0	
88	-	Sterling Software Inc	238 8	238 8	169 9	21 3	
89	100	Lotus Development Corp	225 5	225 5	156 9	43 7	
90	-	Atlantic Computers plc	234 8	224 4	120 0	87 0	
91	-	Sony Corp	5,994 8	221 8	247 3	-10 3	
92	96	Norsk Data AS	219 8	219 8	166 6	31 9	
93	87	Nokia Corp	1,777 5	217 6	181 0	20 2	
94	92	Centronics Data Computer Corp	216 2	216 2	171 5	26 1	
95	62	Seagate Technology	214 6	214 6	343 9	-37 6	
96	78	General Instrument Corp	848 0	210 2	248 7	-15 5	
97	-	Eastman Kodak Co	10,631 0	210 0	219 0	-4 1	
98	86	Gerber Scientific Inc	207 2	207 2	213 2	-2 8	
99	85	Quotron Systems Inc	205 7	205 7	189 8	8 4	
100	59	Thorn EMI	4,108 4	205 0	346 7	-40 9	

1985년 총매출고에대한 정보처리관련매 출고의비율(%)	달러 이외의 회계통화				1985년 고용자수	연구개발비		순이익 (100만 달러)	회 계 년도말	
	정보처리관련매출고(100만)		성장율 (%)	미국기업 이 외 의 소재 국		1985년	총매출고 에 대한 비율(%)			
	1985년	1984년								
100					5,065	\$ 50 7	9 6	\$67.8	Dec	
100					1,860	15 9	3 1	26 6	Dec	
5	FF	4,300.0	3,900 0	10.3	France	155,000	NA	NA	111.4	Dec
78					NA	NA	NA	87.5	Dec	
4	£	355.0	NA	NA	U. K	232 000	243 6	2 3	1,341 1	Dec
3	DM	1,331.7	1,112.6	19 7	W Ger	NA	NA	NA	NA	Dec
100					4,770	61 6	13 8	-80 8	Dec	
10					66,000	176 2	4 0	249 4	Dec	
100					5,993	44 7	11 1	-62 1	July	
100					1,992	28 4	7 1	11 5	Dec	
23	£	297 0	347.0	-14 7	U. K	33,000	102 6	6 3	138 5	March
100					3,180	49 2	12 9	75 6	Dec	
100					4,100	31 2	8 2	23 4	March	
26					20,094	201 5	14 0	92 7	May	
2	DM	1,050 0	850 0	23 5	W Ger	130,173	850 2	5 6	NA	Dec
79	DM	1,046.0	977.6	7 0	W Ger	8,246	NA	NA	NA	Dec
22					33,000	96 0	5 9	-7 7	Dec	
22					29,802	NA	NA	NA	Aug	
100					NA	NA	NA	17 8	June	
79					5,229	16 4	4 0	30 4	Dec	
41					11,413	40 1	5 1	35 1	July	
100					3,300	28 5	9 1	41 7	Dec	
36					11,790	116 0	13 6	32 6	Sept	
100					3,400	41 5	14 0	-1 5	Dec	
4					85,466	507 0	6 5	664 0	Dec	
100	C\$	403 9	371 0	8 9	Canada	5,233	NA	NA	-23 1	Feb
38	£	220 0	199 5	10 3	U K	20,981	NA	NA	38 6	March
11					22,000	NA	NA	240 0	Dec	
2					104,000	409 0	3 0	566 0	Dec	
19					18,605	189 8	13 4	-175 7	Dec	
100					3,100	12 3	4 6	-135 4	Sept	
100					NA	NA	NA	7 9	June	
20					15,515	114 3	8 7	82 1	July	
100					2,722	15 0	5 9	8 2	Sept	
100					3,749	23 9	9 5	-31 2	Dec	
13	£	195 0	217 5	-10 3	U K	37,533	107 4	5 8	104 0	Mar
100	FF	2,200 0	1,800 0	22 2	France	5,200	12 3	5 0	14 1	Dec
100					3,000	NA	NA	-7 7	Sept	
100					NA	21 2	9.4	38 2	Dec	
96	£	175 0	90 0	94 4	U K	NA	1 9	NA	21 2	Dec
4	¥	52 806 6	58 888 6	-10 3	Japan	44,908	464 7	7 8	306 7	Oct
100	NOK	1,888 0	1,360 0	38 8	Norway	NA	NA	NA	NA	Dec
12	FMK	1 349 0	1 086 0	24 2	Finland	28,000	77 3	NA	NA	Dec
100					1,700	10 4	4 8	0 6	Dec	
100					5,700	19 3	9 0	1 0	June	
25					NA	52 5	20 8	-106 7	Feb	
2					128,950	976 0	9 2	332 0	Dec	
100					NA	16 9	8 2	19 7	April	
100					1 701	17 0	8 3	22 0	Dec	
5	£	159 9	260 0	-38 5	U K	NA	NA	NA	March	

(1) 100大企業의 市場區分



(2) 메인프레임 TOP 15 個社

順位	企業名	賣上高 (100萬 달러)		成長率 (%)
		1985年	1984年	
1	IBM	14,010.0	13,131.0	6.7
3	Sperry Corp.	1,890.8	1,451.1	30.3
5	Fujitsu Ltd.	1,618.6	1,535.5	5.4
7	NEC Corp	1,216.6	1,076.6	13.0
8	Control Data Corp.	856.0	813.0	5.3
11	Hitachi Ltd.	836.8	745.3	12.3
15	Honeywell Inc.	775.0	665.0	16.5
4	Burroughs Corp.	747.3	747.3	NC
16	Groupe Bull	574.3	499.9	14.9
6	NCR Corp.	485.5	485.5	NC
35	Amdahl Corp.	434.0	400.0	8.5
10	Siemens Corp. AG	374.1	350.9	6.6
24	STC plc	370.0	362.9	2.0
62	Cray Research	332.6	200.0	66.3
46	National Semiconductor Corp.	300.0	250.0	20.0

(3) 미니컴퓨터 TOP 15 個社

順位	企業名	売上高 (100萬 달러)		成長率 (%)
		1985年	1984年	
1	IBM	3 500 0	3 500 0	NC
2	Digital Equipment Corp	1 600 0	1 527 0	1 8
9	Hewlett-Packard Co	1 050 0	950 0	10 5
13	Wang Laboratories Inc	870 9	970 5	-10 3
28	Data General Corp	799 7	840 0	-4 8
38	Prime Computer Inc	563 7	479 1	17 7
48	Tandem Computers Inc	533 1	477 1	11 7
36	Harris Corp	170 0	110 0	14 6
5	Fujitsu Ltd	439 0	383 9	14 4
23	Nixdorf Computer AG	107 9	310 0	20 0
3	Sperry Corp	400 5	409 5	-2 2
4	Burroughs Corp	400 0	400 0	NC
6	NCR Corp	400 0	335 0	19 4
56	Volkswagen AG	366 7	314 0	16 8
12	Ing C Olivetti & Co S P A	348 6	394 9	-11 7

(4) 마이크로 컴퓨터 TOP 15 個社

順位	企業名	売上高 (100萬 달러)		成長率 (%)
		1985年	1984年	
1	IBM	5,500 0	5 500 0	NC
17	Apple Computer Corp	1,603 0	1,747 0	-8 2
12	Ing C Olivetti & Co S P A	884 5	496 9	78 0
27	Tandy Corp	796 8	573 5	38 9
3	Sperry Corp	742 8	503 4	47 6
41	Commodore International Ltd	600 0	1 000 0	-40 0
52	Compaq Computer Corp	503 9	329 0	53 2
9	Hewlett-Packard Corp	400 0	500 0	-20 0
60	Convergent Technologies Inc	395 2	361 7	9 3
67	Zenith Electronics Corp	352 0	249 0	41 4
7	NEC Corp	338 6	305 1	11 0
74	Apollo Computer Corp	295 6	215 9	36 9
20	Matsushita Electronics Corp	270 6	278 4	-2 8
26	LM Ericsson ric	232 6	217 6	6 9
2	Digital Equipment Corp	225 0	250 0	-10 0

(5) 周邊機器 TOP 15 個社

順位	企業名	売上高 (100萬 달러)		成長率 (%)
		1985年	1984年	
1	IBM	12,676 0	11 652 0	8 8
2	Digital Equipment Corp	2 750 0	2 500 0	10 0
4	Burroughs Corp	1,479 0	1,412 0	4 7
14	Xerox Corp	1 430 0	1 180 0	21 2
11	Hitachi Ltd	1 416 7	1 049 0	35 1
8	Control Data Corp	1 270 0	1 314 5	-3 4
13	Wang Laboratories Inc	1 229 5	1 100 6	11 7
9	Hewlett-Packard Corp	1 100 0	900 0	22 2
5	Fujitsu Ltd	1,064 3	932 1	14 2
7	NEC Corp	1,053 3	882 3	19 4
6	NCR Corp	1 000 0	950 0	5 3
10	Siemens AG	816 2	701 8	16 3
21	Toshiba Corp	759 5	521 7	45 6
16	Groupe Bull	699 1	605 9	15 4
15	Honeywell Inc	656 0	600 0	9 3

(6) 컴퓨터서비스 TOP 15 個社

順位	企業名	賣上高 (100萬달리)		成長率 (%)
		1985年	1984年	
31	Automatic Data Processing Inc	1,102 1	959 4	14 9
8	Control Data Corp	1,058 7	930 5	13 8
32	General Motors Corp	978 3	786 1	24 4
29	General Electric Co	950 0	825 0	15 2
37	Computer Sciences Corp	800 7	709 6	12 8
30	McDonnell Douglas Corp	650 0	608 0	6 9
58	Martin Marietta Corp	429 9	361 5	18 9
39	Nippon Telegraph and Telephone Corp	382 0	375 0	1 9
3	Sperry Corp	302 5	288 6	4 8
6	NCR Corp	300 0	285 0	5 3
1	IBM	300 0	200 0	50 0
79	Boeing Corp	270 0	260 0	3 8
14	Xerox Corp	200 0	180 0	11 1
96	General Instrument Corp	190 2	193 4	-1 7
99	Quotron Systems Inc	187 5	189 9	-1 3

(7) 販賣 純收益 順位

順位	企業名	1985年	1984年
62	Cray Research Inc	20	20
89	Lotus Development Corp	17	23
54	Comdisco Inc	15	5
55	British Telecom plc	13	13
1	IBM	13	14
51	Intergraph Corp	13	16
72	Shared Medical Systems Corp	13	13
99	Quotron Systems Inc	11	14
98	Gerber Scientific Inc	10	11
49	Telex Corp	10	9

(8) 企業成長 順位

順位	企業名	成長率 (%)	賣上高 (100萬 달리)	
			1985年	1984年
90	Atlantic Computers plc	87 0	224 0	120 0
69	Xidex Corp.	75 0	342 0	195 4
62	Cray Research Inc	66 1	380 2	228 8
52	Compaq Computer Co	53 1	503 9	329 0
89	Lotus Development Corp	43 7	225 5	159 9
67	Zenith Electronics Corp	41 3	352 0	249 0
74	Apollo Computer Inc	36 9	295 6	215 9
82	NBI Inc	36 4	260 7	191 1
47	Ricoh Co. Ltd	35 2	634 7	469 2
49	Telex Corp	34 9	597 4	442 7

(9) 販賣損失 順位

順位	企業名	1980年 缺損額 (100萬 달러)
8	Control Data Corp	567 5
41	Commodore International Ltd	237 2
80	Gould Inc	175 7
81	Tandon Corp	135 4
42	Texas Instruments Inc	118 7
96	General Instrument Corp	106 7
46	National Semiconductor Corp.	89 5
57	Computervision Corp	80 8
24	STC plc	69 0
13	Wang Laboratories Inc	63 3
59	Datapoint Corp	62 1
45	Storage Technology Corp	57 4

(10) 勞動生產性

順位	企業名	從業員 1人當 賣上高 (100萬 달러)	1985年 情報處理 關聯 賣上高 (100萬 달러)	1985年 從業員數
17	Apple Computer Corp	419 3	1,753 8	4,182
52	Compaq Computer Corp	270 9	503 9	1,860
60	Convergent Technologies Inc	198 3	395 2	1,992
50	Nippon Univac Kaisha Ltd	129 9	552 9	4,254
94	Centronics Data Computer Corp	127 1	216 2	1,700
35	Amdahl Corp	123 1	862 0	7,000
99	Quotron Systems Inc	120 9	205 7	1,701
1	IBM	119 7	48,554 0	405,535
62	Cray Research Inc	119 5	308 2	3,180
48	Tandem Computer Inc	115 5	634 6	5,494
51	Intergraph Corp	103 9	526 4	
38	Prime Computer Inc	94 8	769 7	8,115

(11) 人力雇傭 順位

順位	企業名	賣上高 (100萬 달러)		成長率 (%)
		1985年	1984年	
95	Seagate Technology	5,700	3,700	54 1
62	Cray Research Inc	3,180	2,203	44 3
52	Compaq Corp	1,860	1,400	32 9
47	Ricoh Co Ltd	25,000	20,000	25 0
24	STC plc	51,600	43,200	19 4
72	Shared Medical Systems Corp			
60	Convergent Technologies Inc	3,300	2,800	17 9
37	Computer Sciences Corp	1,992	1,700	17 2
87	Cap Gemini Sogeti	15,600	13,400	16 4
23	Nixdorf Computer AG	5,200	4,500	15 6
		23,290	20,190	15 4

나. 世界 200代 電子産業

(Electronic Business 誌 選定)

(단위 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
1	1	IBM	\$ 50,056 0	\$ 45,937 0	\$ 50,056 0	\$ 45,937 0	\$ 6,555 0	\$ 6,582 0
2	2	AT & T	17,641 9	17,406 7	34,909 5	33,187 5	1,556 8	1,369 9
3	24	General Motors	9,503.8	2,568 0	96,371 6	83,889 8	3,999 0	4,516 5
4	3	General Electric	7,590 0	7,210 0	28,285 0	27,947 0	2,336 0	2,280 0
5	4	Xerox	7,745 0	6,981 0	8,732 1	8,791 6	380 5	375 6
6	7	DEC	7,029 4	6,229 6	7,029 4	6,229 6	400 6	486 9
7	5	ITT	7,010 0	6,589 0	11,871 2	12,701 0	286 4	302 5
8	8	Honeywell	6,624.6	6,073 6	6,624 6	6,073 6	281 6	334 8
9	6	Hewlett-Packard	6,571 0	6,297 0	6,571 0	6,297 0	482 0	564 0
10	10	Motorola	5,443 0	5,534 0	5,443 0	5,534 0	72 0	387 0
11	13	Burroughs	5,037 7	4,875 6	5,037 7	4,875 6	248 2	244 9
12	14	Sperry	5,000 0	4,648 0	5,717 6	5,370 0	37 4	262 2
13	9	Texas instruments	4,924 5	5,741 6	4,924 5	5,741 6	-118 7	316 0
14	11	RCA	4,851.0	4,945 0	8,972 1	10,111 6	369 1	246 4
15	16	NCR	3,952 0	3,728 0	4,317 2	4,074 3	315 2	342 6
16	17	Raytheon	3,794 0	3,454 0	6,408 5	5,995 7	375 9	340 1
17	15	Control Data	3,679 7	3,755 0	3,679 7	5,026 9	-567 5	31 6
18	26	Rockwell	3,591 0	2,472 0	11,741 4	9,658 0	580 6	545-1
19	19	TRW	3,344 5	2,904 0	5,917 2	6,061 7	133 7	266 8
20	18	North American Philips	3,279 0	3,193 0	4,395 2	4,325 9	81 5	130 5
21	20	Tandy	3,137 6	2,771 1	3,137 6	2,771 1	203 9	234 9
22	21	Litton Industries	2,875 0	2,754 0	4,568 0	4,605 7	247 7	419 3
23	22	Allied-Signal	2,850 0	2,684 0	9,115 0	10,734 0	-279 0	487 0
24	23	GTE	2,621 0	2,680 0	15,732 4	14,547 3	-161 1	1,079 8
25	27	Wang	2,428 3	2,421 1	2,428 3	2,421 1	-63 3	231 0

(단위: 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
26	30	Westinghouse	\$2,350.0	\$2,176.0	\$10,700.2	\$10,264.5	\$605.3	\$535.9
27	29	Harris	2,306.6	2,187.7	2,306.6	2,187.7	60.7	90.6
28	28	3M	2,272.0	2,358.0	7,846.0	7,705.0	664.0	733.0
29	32	Ford	2,071.0	1,885.0	52,774.4	51,366.4	2,515.4	2,906.8
30	42	Martin Marletta	1,882.1	1,415.0	4,410.1	3,920.4	249.4	176.0
31	25	United Technologies	1,877.0	2,482.0	14,991.7	16,331.7	636.4	645.0
32	35	Boeing	1,850.0	1,661.0	13,636.0	10,595.0	566.0	787.0
33	40	Eaton	1,778.0	1,429.0	3,674.5	3,509.8	230.9	254.4
34	31	Apple	1,753.9	1,897.9	1,753.9	1,897.9	72.0	104.3
35	46	Lockheed	1,740.0	1,359.0	9,535.0	8,113.4	401.0	344.1
36	34	Zenith	1,623.7	1,717.0	1,623.7	1,717.0	-7.7	63.6
37	33	National Semiconductor	1,605.8	1,818.0	1,605.8	1,818.0	-89.5	84.3
38	38	Pitney Bowes	1,603.3	1,507.0	1,831.8	1,732.1	144.5	138.2
39	45	McDonnell Douglas	1,575.0	1,368.0	11,477.7	9,861.0	345.7	325.3
40	44	Gould	1,420.1	1,399.4	1,420.1	1,399.4	-100.8	89.3
41	41	Tektronix	1,419.8	1,419.9	1,419.8	1,419.9	70.2	131.5
42	43	DuPont	1,400.0	1,412.0	29,483.0	36,218.0	1,118.0	1,431.0
43	36	Intel	1,365.0	1,629.3	1,365.0	1,629.3	1.6	178.9
44	37	AMP	1,350.0	1,541.0	1,636.1	1,812.8	108.0	201.3
45	48	Singer	1,338.0	1,217.0	2,416.3	2,518.8	82.3	50.3
46	49	Perkin-Emmer	1,222.0	1,169.0	1,310.0	1,255.5	79.5	79.2
47	52	Emerson Electric	1,213.0	1,037.0	4,679.5	4,320.6	402.1	361.0
48	39	Avnet	1,201.0	1,484.0	1,384.8	1,711.7	31.3	78.8
49	47	Data General	1,199.0	1,274.9	1,199.0	1,274.9	2.4	97.3
50	51	Grumman	1,128.0	1,081.0	3,098.9	2,603.6	81.5	108.4

(단위 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
51	50	Teledyne	\$1,056.8	\$1,115.0	\$3,256.2	\$3,494.3	\$546.4	\$574.3
52	55	Varian Associates	962.9	961.2	962.9	961.2	15.3	60.9
53	63	Northrop	938.3	758.0	5,056.6	3,687.8	214.4	166.9
54	57	Sanders Associates	889.3	837.7	889.3	837.7	34.9	39.6
55	56	General Signal	867.5	853.0	1,800.9	1,786.9	49.3	108.5
56	61	Amdahl	862.0	779.4	862.0	779.4	24.4	36.4
57	59	M/A-COM	855.4	797.4	855.4	797.4	32.6	39.9
58	53	General Instrument	824.7	1,017.7	824.7	1,017.7	-106.7	32.7
59	65	E-Systems	806.1	733.0	926.8	819.4	59.5	61.1
60	67	Prime	769.7	642.8	769.7	642.8	57.8	59.7
61	87	Chrysler	744.0	411.0	21,255.5	19,572.7	1,635.2	1,496.1
62	62	Lear Siegler	715.0	778.0	2,358.2	2,322.4	88.2	92.4
63	64	Penn Central	685.0	755.0	2,527.3	2,569.1	110.8	170.0
64	74	Telex	683.1	523.9	683.1	523.9	67.1	47.6
65	85	Continental Telecom	681.0	421.0	2,556.6	2,318.9	239.9	195.9
66	58	Storage Technology	673.4	808.6	673.4	808.6	-43.7	-505.5
67	75	Johnson Controls	657.0	502.0	2,105.2	1,425.3	88.4	66.7
68	68	General Dynamics	640.0	596.0	8,163.8	7,839.0	372.5	381.7
69	72	Tandem	634.5	565.9	634.5	565.9	32.0	46.9
70	54	Advanced Micro Devices	623.8	985.2	623.8	985.2	0.5	140.2
71	69	SmithKline Beckman	619.0	595.0	3,256.6	2,949.2	514.4	500.3
72	78	Kodak	600.0	498.0	10,631.0	10,600.0	332.0	923.0
73	82	Loral	562.0	461.0	599.1	492.0	48.7	40.0
74	86	Corning Glass	534.8	418.0	1,690.5	1,732.7	107.6	88.9
75	77	SCI Systems	527.6	500.9	527.6	500.9	14.2	12.9

(단위: 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
76	89	Intergraph	\$ 526 4	\$ 403 8	\$ 526 4	\$ 403 8	\$ 67.8	\$ 62 9
77	71	Monsanto	520 0	575 0	6,747 0	6,691 0	-128 0	439 0
78	100	COMPAQ	503 9	329.0	503 9	329 0	26 6	12.9
79	103	Emerson Radio	502 9	314.1	502 9	314 1	10 5	12 4
80	66	Arrow Electronics	500 0	668 2	534 1	740 0	-10.9	12.8
81	79	Tracor	498 0	488 0	546.5	515.7	18.9	33 2
82	81	United Telecommunica- tions	475.0	477 0	3,198.4	2,857.8	20.8	215.9
83	84	Scientific-Atlanta	443.7	423 2	443 7	423 2	16.8	13 2
84	73	Computervision	441 1	556.3	441 1	556.3	-80 8	37 7
85	92	Compugraphic	400 8	391 2	400 8	391.2	21.8	24.4
86	96	Convergent	395.2	361 8	395 2	361 8	11 5	0.7
87	88	Medtronic	387 6	405.3	387.6	405.3	49 3	54.3
88	130	Cray Research	380 2	228 8	380.2	228.8	75.6	45.4
89	80	Dataproducts	370 6	484.5	370.6	484 5	-29.7	35.8
90	94	Ducommun	347 5	382.6	417.0	451.1	-3.3	11.1
91	109	EG&G	337 0	290 0	1,177 1	1,071.7	55.7	53 5
92	93	Teradyne	336 4	389 3	336 4	389.3	20 2	43.2
93	70	Datapoint	331.3	589 2	331 3	589 2	-68 7	-0.9
94	99	Diebold	329 0	332 0	410 9	474.1	30.4	56 9
95	97	Tyler	325.3	357 5	912 4	928.5	15 4	29.0
96	76	TIE/communications	321.3	501.1	321 3	501.1	-75.0	15 9
97	101	Analog Devices	319.7	325.9	319 7	325.9	26 4	39.0
98	117	Savin	310.0	267.0	431.7	382.0	-52.8	-22.1
99	126	Cubic	305 0	242 0	341 7	287.7	12.2	13 7
100	106	Seagate Technology	303 6	\$ 303 9	303.6	303 9	8.7	23.8

(단위 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
101	133	Apollo	\$ 295.6	\$ 215.9	\$ 295.6	\$ 215.9	\$ -1.5	\$ 23.9
102	98	DSC Communications	287.6	352.2	287.6	352.2	-63.3	57.3
103	112	Foxboro	286.0	284.0	572.2	515.9	-34.2	4.3
104	95	Mohawk Data Sciences	285.2	381.7	285.2	381.7	-79.2	-120.2
105	107	Emhart	284.0	293.0	1,775.4	1,794.5	80.5	90.4
106	108	Kollmorgen	277.0	290.3	311.0	326.2	-6.4	10.8
107	113	Dover	276.0	281.0	1,439.5	1,288.5	100.0	100.5
108	125	Premier Industrial	269.0	246.0	433.7	414.2	39.3	40.2
109	115	CTS	261.6	269.0	261.6	327.2	7.9	25.0
110	119	Molex	255.4	261.4	255.4	261.4	28.2	37.1
111	120	Augat	255.0	257.1	255.0	257.1	12.1	24.1
112	110	Paradyne	252.5	290.0	252.5	290.0	-31.2	11.0
113	90	Exxon	250.0	400.0	92,869.0	95,873.0	4,870.0	5,528.0
114	118	Square D	246.0	264.0	1,348.1	1,365.5	102.4	106.2
115	121	Union Carbide	240.0	257.0	9,003.0	9,508.0	-599.0	341.0
116	143	Dynatech	238.1	189.4	238.1	189.4	22.0	14.1
117	123	Bally Manufacturing	238.0	255.0	1,344.8	1,349.4	25.6	-100.4
118	114	Oak Industries	238.0	273.0	284.3	333.2	-37.6	-95.5
119	136	Watkins-Johnson	232.6	210.5	232.6	210.5	18.4	21.9
120	111	Marshall Industries	231.6	287.0	231.6	287.0	1.5	11.2
121	142	NBI	230.0	191.1	260.7	191.1	7.8	14.5
122	171	Western Digital	227.6	146.1	227.6	146.1	-2.9	10.7
123	91	Tandon	225.9	398.4	225.9	398.4	-119.1	4.8
124	104	Xidex	225.0	312.8	342.1	410.0	25.6	N/A
125	145	Eli Lilly	222.0	186.0	3,270.6	3,109.2	517.6	490.2

(단위: 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
126	131	Cooper Industries	\$ 220 0	\$ 225. 0	\$3,067.2	\$2,029 9	\$ 135. 1	\$ 106 9
127	124	GenRad	218. 3	249 5	218 3	249. 5	-52 3	11. 0
128	132	Bell & Howell	217 0	223 0	759. 8	713 5	32. 2	33. 0
129	151	Centronics	216 3	171. 5	216. 3	171. 5	0. 2	-10. 7
130	134	Fluke	214 7	213 9	214. 7	213. 9	14 5	19. 8
131	144	LTV	214 0	188. 0	8, 198. 8	7, 046. 1	-771. 5	-378. 2
132	159	Figgie International	208 0	163 0	803 4	720 7	29. 2	26 9
133	129	Andrew	207 8	229 5	207 8	229 5	12. 2	21. 2
134	135	Gerber Scientific	207 3	213. 5	207. 3	213. 5	19. 7	23. 7
135	127	Pioneer-Standard	207 2	238 1	207 2	238. 1	0 2	4. 1
136	148	Cincinnati Milacron	206 0	178 0	732 2	660 5	-44. 8	18. 7
137	149	Spectra-Physics	198 9	175. 1	198 9	175. 1	-1. 7	4. 7
138	102	Wyle Laboratories	195 4	314 5	260. 8	354. 6	1 5	9 4
139	152	Micom Systems	194 2	171. 4	194. 2	171. 4	14. 9	25. 4
140	165	Avantek	190. 3	159. 2	190 3	159. 2	17. 7	17. 2
141	141	Ball	188. 5	198 0	1, 106 2	1, 050. 7	51 2	46. 3
142	161	Logicon	187. 9	161. 9	187 9	161. 9	9. 6	7. 7
143	156	AM International	186 0	167. 0	614. 0	612. 6	23. 3	19. 0
144	137	Bell Industries	185 0	209. 0	295 8	318 3	4. 5	10. 3
145	158	Nashua	185 0	165. 0	621 6	591. 9	16. 4	19. 9
146	162	General DataComm	179. 4	161. 3	179. 4	161. 3	8 7	12. 6
147	167	Recognition Equipment	179 4	148. 2	179 4	148 2	3. 6	6. 7
148	128	AVX	178 7	230. 9	178 7	230. 9	-12. 3	15. 5
149	150	Hazeltine	177. 7	173 8	177 7	173. 8	10. 1	10. 7
150	187	Sundstrand	177. 0	130. 0	1, 284 1	1, 041. 9	74. 4	66. 4

(단위 백만불)

순 위		기 업	전자부문수입		총 수입		총 수익	
'85	'84		1985	1984	1985	1984	1985	1984
151	163	Measurex	\$ 176.6	\$ 160.3	\$ 176.6	\$ 160.3	\$ 17.7	\$ 14.4
152	168	Decision Data	176.4	147.0	176.4	147.0	7.8	8.0
153		Pittway	175.0	N/A	548.5	496.6	31.1	31.7
154	140	Monolithic Memories	171.6	199.6	171.6	199.6	5.5	28.1
155		AST Research	171.0	102.3	171.0	102.3	29.2	9.7
156		Millipore	170.0	N/A	367.2	332.1	31.7	26.5
157	138	Unitrode	168.0	200.1	168.0	200.1	9.2	22.2
158	175	ISC Systems	161.5	138.7	161.5	138.7	11.5	8.6
159	146	Applied Materials	160.1	180.4	160.1	180.4	5.9	14.4
160		Polaroid	160.0	N/A	1,295.2	1,271.5	36.9	25.7
161		Allen Group	159.0	122.0	399.2	346.5	16.7	10.6
162		American District Telegraph	158.0	120.0	479.6	449.7	-56.6	12.0
163	181	Tyco Laboratories	158.0	135.0	646.2	698.9	31.1	27.3
164	179	Diasonics	157.9	135.9	157.9	135.9	3.5	-33.7
165	105	GCA	156.5	308.6	156.5	308.6	-94.2	28.6
166	154	Kidde	155.0	169.0	2,164.8	2,312.2	47.6	79.1
167	166	Cipher Data Products	152.5	153.8	152.5	153.8	7.9	15.1
168		Computer Memories	151.2	82.0	151.2	82.0	16.4	-6.0
169	164	Becton Dickinson	151.0	160.0	1,156.1	1,123.8	92.4	65.6
170	160	Veeco instruments	150.4	162.3	150.4	162.3	7.3	15.0
171	194	AccuRay	150.4	125.8	150.4	125.8	8.0	6.8
172		Rexnord	143.0	N/A	1,108.1	921.1	42.4	28.8
173	153	Esterline	142.0	170.0	246.1	275.9	0.0	16.9
174	190	international Rectifier	141.1	128.0	141.1	135.2	-0.8	7.7
175	186	Mark Controls	140.8	131.0	279.0	280.4	2.7	-5.8

(단위: 백만불)

순 위		기 업	전자부문수입		총 수 입		총 수 익	
'85	'84		1985	1984	1985	1984	1985	1984
176		LSI Logic	\$ 140 0	\$ 84 5	\$ 140 0	\$ 84.5	\$ 10.1	\$ 15 5
177		Fairchild Industries	140 0	120 5	855 9	898 9	-194 5	1 4
178	147	CPT	139 3	178 6	139 3	178 6	0 0	-0.9
179	173	Sun Electric	139 0	144 0	168 8	175 4	-7.8	-6.7
180		Mentor	136 7	87.9	136.7	87.9	8.0	8 3
181		Coherent	136 6	116 7	136 6	116.7	5.9	14.6
182	169	Prntronix	136.3	146.6	136.3	146 6	-12.4	9.0
183	157	Xebec	136.1	166 5	136 1	166 5	-22.7	-2 2
184		Cordis	136 0	N/A	195 9	206.8	4.5	11.1
185		United industrial	135.0	N/A	269 4	246.2	19 1	15 8
186		Dalsy	133 6	81.6	133 6	81 6	22.6	12.7
187		Electrospace Systems	133 2	101 8	133.2	101 8	12 6	9 4
188	176	Aydn	133 0	137.5	133 0	137.5	3 8	9.0
189	182	Analogic	132.4	132.7	132.4	132 7	10 3	11.6
190		Altos Computer	132.2	121.8	132.2	121.8	9.9	12.2
191		Allegheny International	129 0	114.2	2,056.7	2,115 3	-57.5	63 6
192		Floating Point Systems	128.4	120.4	128 4	120.4	14.1	15 1
193	196	Dynascan	128.1	125.3	128 1	125.3	0 1	-16 0
194	197	Gulton Industries	128.0	124 0	155.5	147 5	6.2	4 4
195	174	Burndy	127.0	139 0	219.0	232.4	-9.1	12.8
196	199	National Computer Systems	127 0	123 6	156 5	123.6	12.4	9.9
197		Quantum	126 6	109.2	126 6	109.2	21.4	18.1
198	191	Conrac	126 5	127 0	150.3	154.3	7.2	13.0
199	116	Insilco	124.0	269.0	811 8	786 9	26.1	33.0
200	184	InteCom	123 6	131.7	123 6	131.7	-6.6	11.7