

표 1. Flat Panel Display의 지역별 생산 동향

(단위 : 억원)

적요		2001년		2002년		2003년	
		금액	백분율(%)	금액	백분율(%)	금액	백분율(%)
LCD	Total	243,449	100.0	329,015	100.0	425,294	100.0
	일본	136,269	56.0	161,318	49.0	194,678	45.8
	한국	55,710	22.9	80,560	24.5	113,740	26.7
	대만	39,720	16.3	75,827	23.0	102,326	24.1
	중국	5,670	2.3	7,540	2.3	9,950	2.3
	미국	1,580	0.6	1,270	0.4	1,600	0.4
	유럽	4,500	1.8	2,500	0.8	3,000	0.7
PDP	Total	8,900	100.0	17,217	100.0	28,472	100.0
	일본	8,090	90.9	15,150	88.0	23,372	82.1
	한국	810	9.1	2,067	12.0	4,800	16.9
	대만	0	0.0	0	0.0	300	1.1
	중국	0	0.0	0	0.0	0	0.0
	미국	0	0.0	0	0.0	0	0.0
	유럽	0	0.0	0	0.0	0	0.0
OEL	Total	322	99.3	810	95.3	1,505	96.2
	일본	320	99.3	770	95.1	1,445	96.0
	한국	2	0.0	0	0.0	△	0.0
	대만	0	0.0	0	0.0	△	0.0
	중국	0	0.0	0	0.0	0	0.0
	미국	0	0.0	0	0.0	0	0.0
	유럽	0	0.0	40	0.2	600	0.2

자료출처 : 2003 액정관련 시장의 현황과 장래전망, Fuji Chimera Research Institute, Inc (2003).

표 2. 전자 디스플레이 디바이스 유형별 세계 시장규모 현황 및 예측

(년)

품목	단위		2001	2002	2003	2004	2005	2006	2007	2008
LCD	수량	1,000매	1,395,675	1,568,825	1,712,961	1,804,745	1,904,710	2,016,350	2,123,040	2,235,220
	전년비	%	*	112.4	109.2	105.4	105.5	105.9	105.3	105.3
	금액	1억원	233,762	311,432	406,641	469,065	524,401	577,235	620,193	651,063
	전년비	%	*	133.2	130.6	115.4	111.8	110.1	107.4	105.9
Color PDP	수량	1,000매	360	760	1,300	2,300	3,700	5,700	8,000	10,000
	전년비	%	*	211.1	171.1	176.9	160.9	154.1	140.4	125.0
	금액	1억원	9,570	17,217	25,793	41,860	63,970	94,080	126,220	150,900
	전년비	%	*	179.9	149.8	162.3	152.8	147.1	134.2	119.6
Mono Color PDP	수량	1,000매	33	38	36	35	34	33	32	30
	전년비	%	*	115.2	94.7	97.2	97.1	97.1	97.0	93.8
	금액	1억원	170	190	180	170	160	150	145	135
	전년비	%	*	111.8	94.7	94.4	94.1	93.8	96.7	93.1
무기EL Display	수량	1,000매	930	970	950	920	900	1,020	1,180	1,360
	전년비	%	*	104.3	97.9	96.8	97.8	113.3	115.7	115.3
	금액	1억원	1,880	1,950	1,900	1,830	1,770	2,180	2,480	2,820
	전년비	%	*	103.7	97.4	96.3	96.7	123.2	113.8	113.7

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품목	단위		2001	2002	2003	2004	2005	2006	2007	2008
유기EL Display	수량	1,000매	552	2,880	5,180	13,420	29,360	40,060	58,390	77,580
	전년비	%	*	521.7	179.9	259.1	218.8	146.7	135.6	132.9
	금액	1억원	322	810	1,505	4,380	13,830	20,165	27,845	38,593
	전년비	%	*	251.2	185.8	291.0	315.8	145.8	138.1	138.6
VFD	수량	1,000매	200,000	220,000	225,000	230,000	235,000	240,000	242,000	245,000
	전년비	%	*	110.0	102.3	102.2	102.2	102.1	100.8	101.2
	금액	1억원	7,100	7,400	7,400	7,490	7,500	7,550	7,550	7,500
	전년비	%	*	104.2	100.0	101.2	100.1	100.7	100.0	99.3
CDT	수량	1,000매	80,500	75,500	70,400	61,600	50,700	37,900	25,000	14,200
	전년비	%	*	93.8	93.2	87.5	82.3	74.8	66.0	56.8
	금액	1억원	61,080	52,300	44,270	34,990	26,270	17,720	10,760	5,870
	전년비	%	*	85.6	84.6	79.0	75.1	67.5	60.7	54.6
CPT	수량	1,000매	153,400	154,500	158,200	160,300	163,300	165,400	170,100	172,000
	전년비	%	*	100.7	102.4	101.3	101.9	101.3	102.8	101.1
	금액	1억원	175,400	175,400	175,900	175,400	175,900	175,300	176,300	178,100
	전년비	%	*	99.5	100.8	99.7	100.3	99.7	100.6	101.0
PRT	수량	1,000매	10,122	12,315	12,609	12,900	12,600	12,000	11,400	10,800
	전년비	%	*	121.7	102.4	102.3	97.7	95.2	95.0	94.7
	금액	1억원	3,965	4,703	4,426	4,390	4,160	3,600	3,200	2,910
	전년비	%	*	118.6	94.1	99.2	94.8	86.5	88.9	90.9
DLP	수량	1,000매	381	510	790	1,360	1,900	2,650	3,320	3,920
	전년비	%	*	133.9	154.9	172.2	139.7	139.5	125.3	118.1
	금액	1억원	4,911	6,340	9,072	14,371	18,815	23,425	26,670	29,290
	전년비	%	*	129.1	143.1	158.4	130.9	124.5	113.9	109.8
LCOS	수량	1,000매	163	383	690	1,225	2,030	2,610	3,130	3,560
	전년비	%	*	235.0	180.2	177.5	165.7	128.6	119.9	113.7
	금액	1억원	203	160	331	773	1,390	1,600	1,858	1,975
	전년비	%	*	79.0	206.9	233.5	179.8	115.1	116.1	106.3
FLCD	수량	1,000매	500	1,200	1,500	2,000	4,000	6,000	8,000	10,000
	전년비	%	*	240.0	125.0	133.3	200.0	150.0	133.3	125.0
	금액	1억원	82	210	259	335	660	969	1,245	1,552
	전년비	%	*	245.1	128.9	129.3	197.0	146.8	128.5	124.7
LED Display	금액	1억원	7,500	8,000	8,400	8,900	9,300	9,500	9,700	9,900
	전년비	%	*	106.7	105.0	106.0	104.5	102.2	102.1	102.1
Display Total	수량	1,000매	1,842,616	2,037,881	2,189,616	2,290,805	2,408,234	2,532,723	2,653,592	2,783,670
	전년비	%	*	110.6	107.4	104.6	105.1	105.2	104.8	104.9
	금액	1억원	505,945	5,85,203	686,077	763,954	848,126	933,474	1,014,166	1,080,608
	전년비	%	*	115.7	117.2	111.4	111.0	110.1	108.6	106.6

자료출처 : 2003 액정관련 시장의 현황과 장래전망, Fuji Chimera Research Institute, Inc (2003).

표 3. LCD 관련 재료의 품목별 시장 현황 및 예측 (년)

품 목	단위	2001	2002	2003	2004	2005	2006	2007	2008
Glass (青板)	1,000 m ²	8,800	9,510	9,300	9,100	9,000	9,100	9,300	9,400
	전년비(%)	-	108.1	97.8	97.8	98.9	101.1	102.2	101.1
Glass (白板)	1,000 m ²	12,200	19,860	29,000	36,850	46,130	5,7410	69,540	82,270
	전년비(%)	-	162.8	146.0	127.1	125.2	124.5	121.1	118.3
성막가공	1,000 m ²	8,980	10,130	10,520	10,710	10,820	11,090	11,290	11,440
	전년비(%)	-	112.8	103.8	101.8	101.0	102.5	101.8	101.3
Photoresist	1,000	1,060	1,190	1,350	1,550	1,790	2,060	2,350	2,680
	전년비(%)	-	112.3	113.4	114.8	115.5	115.1	114.1	114.0
Color - filter	1,000판	33,000	49,000	63,500	79,000	97,500	118,000	137,000	160,000
	전년비(%)	-	148.5	129.6	124.4	123.4	121.0	116.1	116.8
CF용 안료분산재료	t	1,350	2,030	2,640	3,300	4,090	4,950	5,740	6,260
	전년비(%)	-	150.4	130.0	125.0	123.9	121.0	116.0	109.1

(년)

품 목	단위	2001	2002	2003	2004	2005	2006	2007	2008
수지BM재료	t	26	32	39	53	68	83	98	113
	전년비(%)	-	123.1	121.9	135.9	128.6	122.1	118.1	115.3
Photomask	판	27,600	31,000	33,800	36,000	37,800	39,500	41,000	42,200
	전년비(%)	-	112.3	109.0	106.5	105.0	104.5	103.8	102.9
배향막재료	t	115	138	165	185	210	240	270	300
	전년비(%)	-	120.0	119.6	112.1	11.35	114.3	112.5	111.1
Seal	kg	42,100	46,300	51,600	54,400	57,400	58,500	60,300	62,100
	전년비(%)	-	110.0	111.4	105.4	105.5	101.9	103.1	103.0
Spacer	kg	2,380	2,730	3,170	3,650	4,020	4,440	4,850	5,140
	전년비(%)	-	114.7	116.1	115.1	110.1	110.4	109.2	106.0
액정재료	t	58	70	75	85	94	105	115	126
	전년비(%)	-	121.7	107.1	113.3	110.6	111.7	109.5	109.6
TFT	1,000 m ²	7,050	11,200	16,260	20,630	25,820	32,080	38,820	45,850
	전년비(%)	-	158.9	145.2	126.9	125.2	124.2	121.0	118.1
STN	1,000 m ²	3,130	3,100	2,790	2,500	2,300	2,250	2,240	2,250
	전년비(%)	-	99.0	90.0	89.6	82.0	97.8	99.6	100.4
TN	1,000 m ²	5,620	6,120	6,300	6,430	6,570	6,720	6,880	7,050
	전년비(%)	-	108.9	102.9	102.1	102.2	102.3	102.4	102.5
TAC film	1,000 m ²	81,000	100,000	130,000	150,200	177,000	210,200	245,900	282,900
	전년비(%)	-	123.5	130.0	115.5	117.8	118.8	117.0	115.0
AG film	1,000 m ²	15,520	23,150	32,950	40,870	49,880	60,460	71,500	82,600
	전년비(%)	-	149.2	142.3	124.0	122.0	121.2	118.3	115.5
시아각보상 필름	1,000 m ²	8,200	15,300	25,500	37,500	55,500	75,500	107,300	122,000
	전년비(%)	-	186.6	166.7	147.1	148.0	136.0	142.1	113.7
휘도향상 필름	1,000 m ²	1,100	2,260	3,620	4,880	6,400	8,200	10,100	12,300
	전년비(%)	-	205.5	160.2	134.8	131.1	128.1	123.2	121.8
Driver (TFT)	1억개	745	1,100	1,550	1,850	2,250	2,520	2,930	3,210
	전년비(%)	-	147.7	140.9	119.4	121.6	112.0	116.3	109.6
Driver (STN)	1억개	440	455	460	450	440	436	437	447
	전년비(%)	-	103.4	101.1	97.8	97.8	99.1	100.2	102.3
ACF	km	65,200	95,000	135,000	164,000	195,000	232,000	271,000	309,000
	전년비(%)	-	145.7	142.1	121.5	118.9	119.0	116.8	114.0
TAB Tape	1,000 m ²	1,480	1,580	1,650	1,680	1,670	1,650	1,585	1,500
	전년비(%)	-	106.8	104.4	101.8	99.4	98.8	96.1	94.6
COF (가공품)	1,000 m ²	320	320	590	830	1,080	1,320	1,610	1,930
	전년비(%)	-	110.0	184.4	140.7	130.1	122.2	122.0	119.9
CFL BLU (대형)	1,000 set	44,490	64,880	88,890	109,670	133,360	161,230	189,290	216,480
	전년비(%)	-	145.8	137.0	123.4	121.6	120.9	117.4	114.4
CFL BLU (중소형)	1,000 set	40,120	39,550	37,670	35,930	33,030	31,640	32,470	32,880
	전년비(%)	-	98.6	95.2	95.4	91.9	95.8	102.6	101.3
도광판재료	t	18,880	34,210	50,910	65,380	82,280	102,430	123,860	144,580
	전년비(%)	-	181.2	148.8	128.4	125.8	124.5	120.9	116.7
형광관 (CFL)	1,000본	160,000	257,000	360,000	470,000	610,000	790,000	990,000	1,230,000
	전년비(%)	-	160.6	140.1	130.6	129.8	129.5	125.3	124.2
Prism Sheet	1,000m ²	4,300	6,150	8,150	10,000	11,900	14,300	16,800	19,750
	전년비(%)	-	143.0	132.5	122.7	119.0	120.2	117.5	117.6
확산 Sheet	1,000판	69,000	97,800	137,600	176,520	216,700	269,500	311,000	375,600
	전년비(%)	-	141.7	140.7	128.3	122.8	124.4	115.4	120.8
반사 Sheet	1,000판	44,500	66,000	90,000	110,000	134,000	162,000	190,000	217,000
	전년비(%)	-	148.3	136.4	122.2	121.8	120.9	117.3	114.2
BL용 Inverter	1,000개	53,000	77,000	97,000	118,700	143,000	171,700	200,000	225,000
	전년비(%)	-	145.3	126.0	122.4	120.5	120.1	116.5	112.5
LED BL	1,000	50,300	131,600	284,500	376,000	446,800	500,400	554,900	609,700
	전년비(%)	-	261.6	216.2	132.2	118.8	112.0	110.9	109.9
FL	1,000	13,300	17,940	26,460	26,470	26,920	24,660	24,810	22,550
	전년비(%)	-	134.9	147.5	100.0	101.7	91.6	100.6	90.9

자료출처 : 2003 액정관련 시장의 현황과 장래전망, Fuji Chimera Research Institute, Inc (2003).

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