

(8) Segment information

CONSOLIDATED

a) Industry Segment Information

		The first half of FY2002			The first half of FY2001		Change %	FY2001	
		(Yen millions)	(%)	(US\$ thousands)	(Yen millions)	(%)		(Yen millions)	(%)
Electronic materials and Components	1.Net sales								
	1)Unaffiliated customers	209,650		1,761,764	289,239		-27.5	552,195	
	2)Intersegment	0		0	0			0	
	Total revenue	209,650	100.0	1,761,764	289,239	100.0	-27.5	552,195	100.0
	2.Operating expenses	210,372	100.3	1,767,831	249,931	86.4	-15.8	486,837	88.2
	Operating income (loss)	(722)	-0.3	(6,067)	39,308	13.6	-	65,358	11.8
Recording media and systems	1.Net sales								
	1)Unaffiliated customers	62,970		529,160	62,787		0.3	137,716	
	2)Intersegment	0		0	0			0	
	Total revenue	62,970	100.0	529,160	62,787	100.0	0.3	137,716	100.0
	2.Operating expenses	65,059	103.3	546,715	65,646	104.6	-0.9	146,751	106.6
	Operating income (loss)	(2,089)	-3.3	(17,555)	(2,859)	-4.6	-	(9,035)	-6.6
Total	1.Net sales								
	1)Unaffiliated customers	272,620		2,290,924	352,026		-22.6	689,911	
	2)Intersegment	0		0	0			0	
	Total revenue	272,620	100.0	2,290,924	352,026	100.0	-22.6	689,911	100.0
	2.Operating expenses	275,431	101.0	2,314,546	315,577	89.6	-12.7	633,588	91.8
	Operating income (loss)	(2,811)	-1.0	(23,622)	36,449	10.4	-	56,323	8.2

b) Geographic segment information

		The first half of FY2002			The first half of FY2001		Change %	FY2001	
		(Yen millions)	(US\$ thousands)	(%)	(Yen millions)	(%)		(Yen millions)	(%)
Japan	Net Sales	167,171	1,404,798		232,777		-28.2	459,685	
	Operating income	738	6,202	0.4	19,751	8.5	-96.3	39,504	8.6
Americas	Net Sales	49,216	413,580		69,960		-29.7	136,342	
	Operating income (loss)	(4,928)	(41,412)	-10.0	451	0.6	-	(1,394)	-1.0
Europe	Net Sales	37,686	316,689		44,764		-15.8	100,258	
	Operating income (loss)	(872)	(7,328)	-2.3	1,189	2.7	-	2,236	2.2
Asia and others	Net Sales	123,369	1,036,714		160,041		-22.9	299,015	
	Operating income	5	42	0.0	15,626	9.8	-	20,982	7.0
Intersegment eliminations	Net Sales	104,822	880,857		155,516			305,389	
	Operating income (loss)	(2,246)	(18,874)		568			5,005	
Total	Net Sales	272,620	2,290,924		352,026		-22.6	689,911	
	Operating income (loss)	(2,811)	(23,622)	-1.0	36,449	10.4	-	56,323	8.2

The sales are classified by geographic areas of the seller and include transfers between geographic areas.

c) Sales by Region

	The first half of FY2002			The first half of FY2001		Change %	FY2001	
	(Yen millions)	(%)	(US\$ thousands)	(Yen millions)	(%)		(Yen millions)	(%)
Americas	52,019	19.1	437,134	62,889	17.9	-17.3	131,219	19.0
Europe	38,002	13.9	319,345	45,732	13.0	-16.9	101,018	14.6
Asia and others	97,385	35.7	818,361	129,925	36.9	-25.0	235,584	34.2
Overseas sales total	187,406	68.7	1,574,840	238,546	67.8	-21.4	467,821	67.8
Japan	85,214	31.3	716,084	113,480	32.2	-24.9	222,090	32.2
Net sales	272,620		2,290,924	352,026		-22.6	689,911	

Notes:

- Sales by region are classified by geographic areas of the buyer.
- Sales to the Americas and Japan for the first half of FY2001 have been restated.
(7,102 million yen previously included in Japan has been reclassified to the Americas).
- U.S.\$1 = Yen 119