

9) Segment information

The following industry and geographic segment information are required by the Japanese Securities Exchange Law. Segment information is unaudited.

TDK adopted the Emerging Issues Task Force Issue 01-9 ("EITF 01-9"), "Accounting for Consideration Given by a Vendor to a Customer (Including a Reseller of the Vendor's Products)" from the fiscal year beginning April 1, 2002 and the prior year's consolidated financial statements have been restated for the change, accordingly.

1. Industry segment information

Term Items	The first half of FY2003 (April 1, 2002 - Sep. 30, 2002)			The first half of FY2002 (April 1, 2001 - Sep. 30, 2001)		Change	
	(Yen millions)	%	(U.S.\$ thousands)	(Yen millions)	%	(Yen millions)	%
	Electronic materials and components						
Net sales	234,272	100.0	1,904,650	209,607	100.0	24,665	11.8
Unaffiliated customers	234,272		1,904,650	209,607		24,665	11.8
Intersegment	-		-	-		-	-
Operating expenses	223,557	95.4	1,817,536	210,329	100.3	13,228	6.3
Operating income (loss)	10,715	4.6	87,114	(722)	-0.3	11,437	-
Recording media & systems							
Net sales	62,108	100.0	504,943	61,179	100.0	929	1.5
Unaffiliated customers	62,108		504,943	61,179		929	1.5
Intersegment	-		-	-		-	-
Operating expenses	62,804	101.1	510,602	63,268	103.4	(464)	-0.7
Operating income (loss)	(696)	-1.1	(5,659)	(2,089)	-3.4	1,393	-
TOTAL							
Net sales	296,380	100.0	2,409,593	270,786	100.0	25,594	9.5
Unaffiliated customers	296,380		2,409,593	270,786		25,594	9.5
Intersegment	-		-	-		-	-
Operating expenses	286,361	96.6	2,328,138	273,597	101.0	12,764	4.7
Operating income (loss)	10,019	3.4	81,455	(2,811)	-1.0	12,830	-

Note: U.S.\$1=Yen 123

2. Geographic segment information

Term Region	The first half of FY2003 (April 1, 2002 - Sep. 30, 2002)			The first half of FY2002 (April 1, 2001 - Sep. 30, 2001)		Change	
	(Yen millions)	%	(U.S.\$ thousands)	(Yen millions)	%	(Yen millions)	%
	Japan						
Net sales	173,895	100.0	1,413,780	167,127	100.0	6,768	4.0
Operating income	2,664	1.5	21,658	738	0.4	1,926	261.0
Americas							
Net sales	50,938	100.0	414,130	47,660	100.0	3,278	6.9
Operating income (loss)	(309)	-0.6	(2,512)	(4,928)	-10.3	4,619	-
Europe							
Net sales	34,162	100.0	277,740	37,501	100.0	(3,339)	-8.9
Operating income (loss)	(2,295)	-6.7	(18,659)	(872)	-2.3	(1,423)	-
Asia and others							
Net sales	148,987	100.0	1,211,276	123,320	100.0	25,667	20.8
Operating income	9,870	6.6	80,244	5	-	9,865	-
Intersegment eliminations							
Net sales	111,602		907,333	104,822		6,780	
Operating income (loss)	(89)		(724)	(2,246)		2,157	
Total							
Net sales	296,380	100.0	2,409,593	270,786	100.0	25,594	9.5
Operating income (loss)	10,019	3.4	81,455	(2,811)	-1.0	12,830	-

Notes:

- The sales are classified by geographic areas of the seller and include transfers between geographic areas.
- U.S.\$1=Yen 123

3. Sales by region

Term Region	The first half of FY2003 (April 1, 2002 - Sep. 30, 2002)			The first half of FY2002 (April 1, 2001 - Sep. 30, 2001)		Change	
	(Yen millions)	%	(U.S.\$ thousands)	(Yen millions)	%	(Yen millions)	%
	Americas	56,294	19.0	457,675	50,463	18.6	5,831
Europe	34,368	11.6	279,414	37,817	14.0	(3,449)	-9.1
Asia and others	121,429	41.0	987,228	97,336	35.9	24,093	24.8
Overseas sales total	212,091	71.6	1,724,317	185,616	68.5	26,475	14.3
Japan	84,289	28.4	685,276	85,170	31.5	(881)	-1.0
Net sales	296,380	100.0	2,409,593	270,786	100.0	25,594	9.5

Notes:

- Sales by region are classified by geographic areas of the buyer.
- U.S.\$1=Yen 123