

# Publicly Disclosed Environmental Accounting

For FY2001 our accounting was performed under the 2002 version of the Ministry of the Environment's "Environmental Accounting Guidebooks."

## • Environment-Related Capital Investments and Costs

Environment-related capital investment in FY2001 amounted to ¥1,545 million owing to an investment by the Electronic Component Division of about ¥1,200 million in Kochi Casio's new Plant 3rd.

Electronics Equipment Division investment was ¥24 million in FY2001, down from the ¥229 million in FY2000, which included ¥200 million by Casio Electronic Manufacturing Co., Ltd. Total investment therefore came to ¥1,569 million, for a substantial increase over FY2000.

Total costs came to ¥949 million, for a slight increase of ¥52 million over the previous year. The reason that the management activity cost component decreased ¥32 million was that in FY2000 many facilities completed their ISO 14001 certification.

Resource cycling costs alone grew ¥18 million, but the breakdown contains that costs for waste reduction and recycling were up ¥68 million over the previous year, while those for final waste disposal declined ¥54 million, indicating that zero-emission efforts are paying off.

## • Economic Benefit of Energy and Resource Conservation

Overall, economic benefit was down ¥35 million to ¥279 million, which was because the cost-cutting effectiveness of energy conservation showed a considerable decline of ¥225 million due to increased utility costs. This is the result of an electricity charges increase of ¥190 million over the previous year due to, in the Electronics Equipment Division, the expansion of operations at Casio Electronic Manufacturing, and, in the Electronic Component Division, the startup of Kochi Casio's 3rd Plant and the start of a new business at Casio Micronics' Yamanashi facility.

Meanwhile, a total savings of ¥204 million over FY2000 was attained through cost reduction by resource reuse, waste cost reduction, and cost reduction by resource conservation.

## • Conservation Benefit

Thanks to the increased recovery of printer drums and toner sets by Casio Electronic Manufacturing, our overall amount of reused and recycled resources increased 424 t, and the amount of landfill decreased 818 t. Total CO<sub>2</sub> emissions increased 5,330 t over the year before, which was the result of increased energy use by Casio Electronic Manufacturing, Kochi Casio, and Casio Micronics' Yamanashi facility. Water use increased slightly.

## Environment-Related Capital Investments and Costs

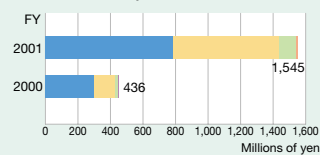
Millions of yen

Category	Capital investment amount									Costs								
	Electronic Component Division			Electronics Equipment Division			Total			Electronic Component Division			Electronics Equipment Division			Total		
	2000	2001	Change	2000	2001	Change	2000	2001	Change	2000	2001	Change	2000	2001	Change	2000	2001	Change
Business area costs	435	1,543	1,108	220	20	-200	655	1,563	908	281	302	21	189	227	38	470	529	59
(1) Pollution prevention costs	300	783	483	211	9	-202	511	792	281	107	138	31	11	16	5	118	154	36
(2) Global environmental costs	128	650	522				128	650	522	9	18	9	5	1	-4	14	19	5
(3) Resource circulation costs	7	110	103	9	11	2	16	121	105	165	146	-19	173	210	37	338	356	18
Upstream/downstream costs													82	114	32	82	114	32
Management activity costs				1		-1	1		-1	67	61	-6	146	120	-26	213	181	-32
Research and development costs		2	2	8	4	-4	8	6	-2		4	4	90	65	-25	90	69	-21
Social activity costs	1		-1				1		-1	15	17	2	27	39	12	42	56	14
Environmental damage costs																		
Environmental conservation cost total	436	1,545	1,109	229	24	-205	665	1,569	904	363	384	21	534	565	31	897	949	52

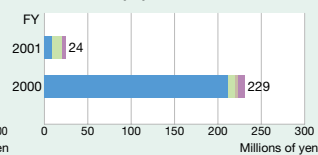
Note: The table includes only those research and development costs whose main purpose is clearly mitigating environmental burdens. There were no environmental damage costs (such as environmental remediation costs or environmental lawsuit costs).

### Capital Investment

#### Electronic Component Division

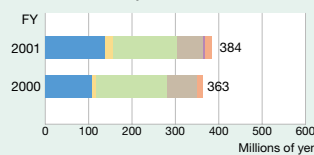


#### Electronics Equipment Division

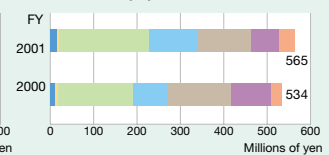


### Costs

#### Electronic Component Division



#### Electronics Equipment Division



## Economic Benefit of Energy and Resource Conservation

Millions of yen

Type of benefit	Electronic Component Division			Electronics Equipment Division			Costs		
	2000	2001	Change	2000	2001	Change	2000	2001	Change
Sales of used parts, materials and other valuable goods	6	7	1	15		-15	21	7	-14
Cost reduction by resource reuse	2	3	1	185	305	120	187	308	121
Waste cost reduction		41	41		4	4		45	45
Cost reduction by energy conservation	92	-117	-209	12	-4	-16	104	-121	-225
Cost reduction by resource conservation		36	36	2	4	2	2	40	38
Total effects	100	-30	-130	214	309	95	314	279	-35

Table includes only economic benefits calculated according to sound premises.

## Environmental Conservation Benefit

Environmental performance items	Unit	FY2000	FY2001	Change from previous year
Reused/recycled resources (group total)	t	98	522	424
Recycling after consumable recovery (Casio Electronic Manufacturing)	t	165	405	240
Landfill (group total)	t	1,087	269	-818
CO <sub>2</sub> emissions (group total)	t-CO <sub>2</sub>	79,005	84,335	5,330
CO <sub>2</sub> emissions (9-facility total)*	t-CO <sub>2</sub>	41,733	37,533	-4,200
Water use (group total)	1000m <sup>3</sup>	2,246	2,399	153

Nine facilities: Kofu Casio (Head Office and Ichinomiya), Casio Micronics (Ome), Yamagata Casio, Casio Head Office, Hamura Research & Development Center, Tokyo Product Control and Technical Center, Casio Techno, and CCP.