

Environmental Accounting

Overview of fiscal 2014 performance

In fiscal 2014, environmental accounting showed that the following categories remained at virtually the same level as the previous year: investments and expenses in environmental conservation, and economic benefits of environmental conservation.

Investments in environmental conservation, such as system upgrades, were valued at ¥37 million, while the cost of environmental conservation including recycling products, parts, and toner cartridges and other consumables was ¥1,272 million. Meanwhile, the economic benefits from environmental conservation included real effects, like business profits due to recycling activities of ¥971 million. They also include estimated effects valued at ¥256 million related to reducing environmental impact through the use of, for example, paperless products and non-mercury lamp projectors.

Total economic benefits for the fiscal year were ¥1,227 million. Moving forward, Casio will accurately ascertain and inform people about the effects of its environmental management activities from an economic perspective and will strive to engage in efficient and effective environmental conservation efforts.

Environmental conservation costs (April 2013 - March 2014)

Category by business activity		Environmental investment (¥ million)	Environmental expenses (¥ million)*1
Main initiatives			
Business area costs (costs arising in the main areas of business activity (manufacturing, processing, sales, distribution etc.))		24	270
(1) Pollution prevention cost	Preventing air and noise pollution	0	43
(2) Global environmental conservation cost	Maintenance of energy-saving systems	24	171
(3) Resource circulation cost	Processing, reducing in volume, and recycling of general and industrial waste	-	56
Upstream/downstream cost*2	Collection and recycling of products, parts, supplies	-	682
Administration cost	Secretariat operation costs, environmental information disclosure	-	257
R&D cost	R&D for reduction of environmental impact	13	40
Social activity cost	Participation in, donations to, and support for environmental conservation organizations	-	13
Environmental remediation cost	Soil improvement	-	10
Total		37	1,272

*1 Depreciation costs are included in the expenses. *2 Costs arising before and after the processes of the main business activities.

Economic benefits of environmental conservation (April 2013 - March 2014)

Economic benefit		Amount (¥ million)
Type of benefit		
Actual benefit (benefit that contributes to profits as a result of the promotion of environmental conservation measures)		971
Profits	Business revenue from recycling of used products, etc.	934
Cost reduction	Cost reduction through energy saving activities	16
	Reduction of waste processing costs arising from resource saving or recycling	21
Estimated benefit *	Reduction of distribution costs through environmental conservation initiatives Reduction of power consumption during product use by customers, etc.	256
Total		1,227

*The estimated benefit is calculated as the CO2 reduction amount from business activities plus the reduction from power savings during product use by customers. It also includes the environmental benefit of paperless products such as electronic dictionaries and data projectors and smaller non-mercury lamp projectors and printers, efforts to increase the longevity of the parts on these devices that require regular replacement, and distribution cost reductions achieved by a modal shift from air to sea transport.

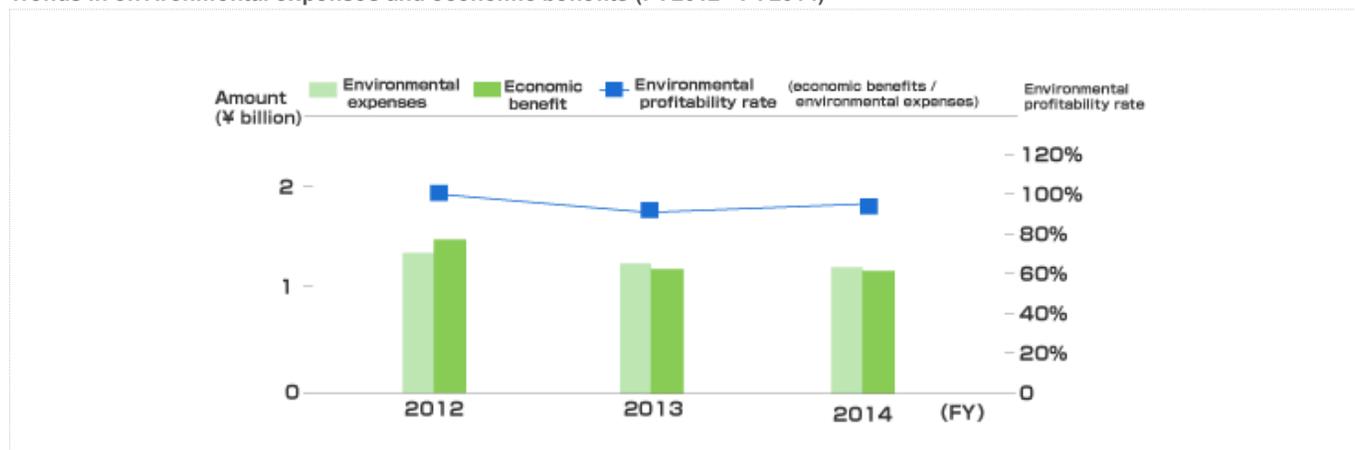
Regarding the reduction of power consumption during product use by customers, the monetary value of the environmental impact reduction effect is calculated as follows:

Reduction of power consumption during product use by customers = (Annual power consumption of the previous model – Annual power consumption of the new model) x Number of units sold in the year x Electric power unit price.

When calculating the estimated effects, the following coefficients are used:

CO2 unit prices are the average full-year value for fiscal 2014 based on the EU emissions trading price (¥641.7/t). The electric power unit prices are fiscal 2014 electricity costs from the Fiscal 2014 Energy White Paper issued by Japan's Agency for Natural Resources and Energy (¥17.53/kWh).

Trends in environmental expenses and economic benefits (FY2012 - FY2014)



*Past year values for economic benefits have been revised based on the current fiscal year standards.

Environmental conservation effect

Types of environmental conservation effects	Environmental performance indicator	Unit	FY2013	FY2014	Environmental conservation effect
Environmental conservation effect relating to resources used in business activities	Water resources	Thousand m ³	685	475	+210
Environmental conservation effect relating to environment impact and waste generated by business activities	CO2 emissions	Tons-CO2	46,978	38,379	+8,599
	Waste emissions	Tons	2,750	2,449	+301

Scope of data compilation for environmental accounting: Casio Computer Co., Ltd., and consolidated subsidiaries in and outside Japan.
Reference guideline: Environmental Accounting Guidelines 2005, Ministry of the Environment, Japan.