

# Green Factory

## Resource Conservation

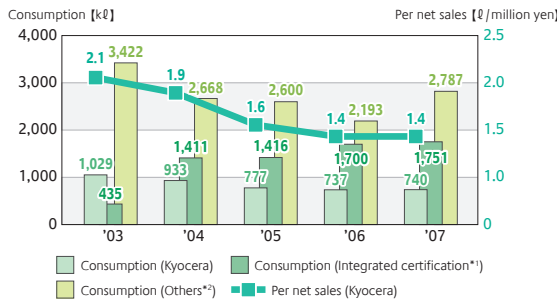
To maximize the utilization of limited resources and contribute to global environmental protection, Kyocera promotes resource conservation based on specific reduction targets for vehicle fuel, water, travel expense, gases, paper and packing materials.

### FY2008 Results

#### Reducing Vehicle Fuel Consumption

Kyocera works to reduce vehicle fuel consumption in order to effectively utilize our remaining fossil fuels and prevent pollution caused by gas emissions. In FY2008, we implemented reduction activities by creating an internal standard for introducing hybrid vehicles. We will change general company-owned cars to hybrid vehicles as needed. We achieved a 27.4% reduction per net sales (1.4) against the target of 7.5% reduction per net sales (1.9) from the FY2005 level.

#### Vehicle Fuel Consumption

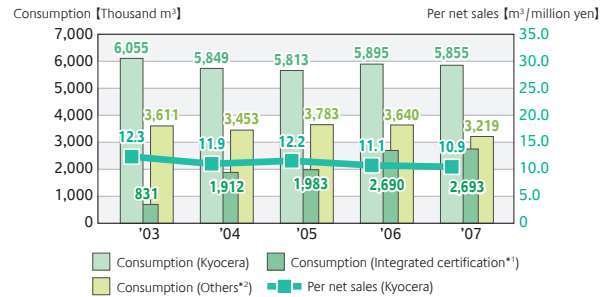


#### Reducing Water Consumption

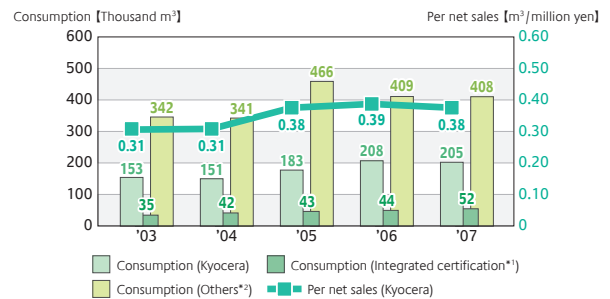
Reducing water consumption greatly contributes to not only protection of water resources but also reduction of wastewater. Accordingly, Kyocera works to reduce both city water and groundwater consumption. This resulted in an 8.4% reduction per net sales (10.9) against the target of 15% reduction per net sales (11.9) from the FY2005 level. Reductions were achieved through recycling calcination water at the Kagoshima Sendai Plant and installing toilet flushing sound devices at the Shiga Gamo Plant and Shiga Yohkaichi Plant.

In regard to office locations, however, consumption increased by 23.9% per net sales (0.38) against the target of 7.5% reduction per net sales (0.31) from the FY2005 level because of additional large scale offices.

#### Water Consumption (Plant)



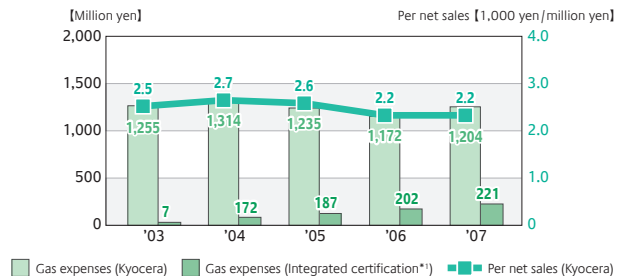
#### Water Consumption (Office)



#### Reducing Gas Expenses

To reduce environmental impact, Kyocera works to reduce the amounts of nitrogen, hydrogen and argon gases consumed in Kyocera production processes. These activities resulted in 16.2% reduction per net sales (2.2) against the target of 17.5% reduction per net sales (2.7) from the FY2005 level. This was achieved by reconsidering the gas supply method for the calciner and the structure of the calciner and reducing nitrogen and hydrogen gases.

#### Gas Expenses



#### Reducing Travel Expenses

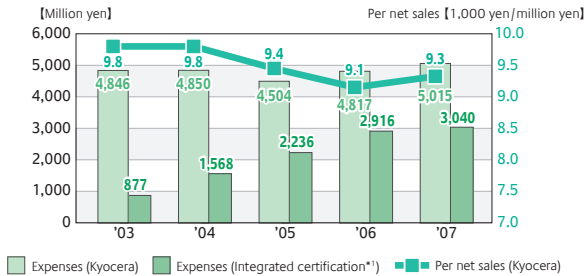
Reducing the number of business trips and outings contributes to saving many resources such as the fuel used by public transportation, and resources used by accommodation. At Kyocera, a video-conferencing system has been introduced sequentially into all plants and offices to reduce travel expenses. This resulted in a

Notes \*1 Integrated certification: Sites certified under the Kyocera Group Integrated Environment & Safety Management System except KYOCERA Corporation (Ref. to Page 83)  
\*2 Others: Except KYOCERA Corporation and integrated certified sites

Site information Please refer to environmental impact data for individual sites on our web page (<http://global.kyocera.com/ecology/>).

5.4% reduction per net sales (9.3) against the reduction target of 6% per net sales (9.8) from the FY2005 level.

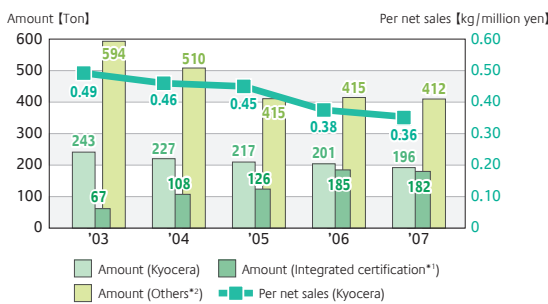
### Travel Expenses



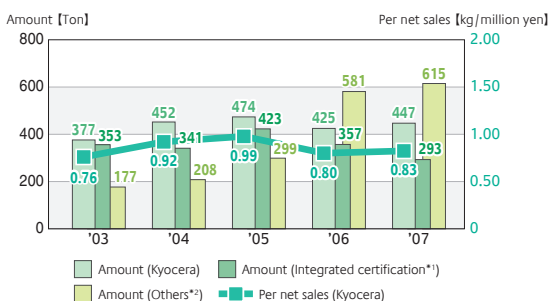
### Reducing Paper Consumption and Disposal

In addition to reducing office paper use, Kyocera has been working to reduce the amount of paper used in the manufacturing process and also to reduce the amount of paper discharged. Digitizing documents, using both sides of the paper in the office setting, and the improvement of the use efficiency of paper used in production processes have been promoted. These activities resulted in a 21.2% reduction in weight per net sales for office paper (0.36) and 10.0% reduction in weight per net sales for paper used in production processes (0.83), and a 7.7% increase in weight per net sales for paper discharged (2.89) against the reduction target of 9% for weight per net sales for office paper (0.46), for weight per net sales for paper used in production process (0.92), and for weight per net sales for paper discharged (2.69), respectively, from the FY2005 level.

### Amount of Office Paper Purchased

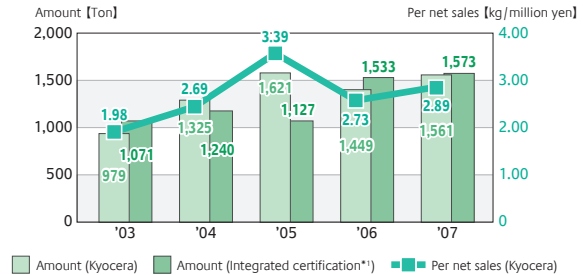


### Amount of Paper Used in Production Process Purchased



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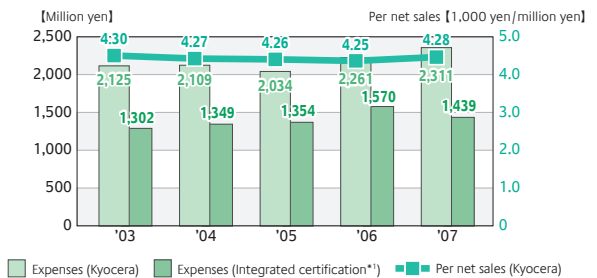
### Amount of Paper Discharged



### Reducing Packing Materials

Kyocera is working toward improving its packing methods and adopting reusable packing containers. There was a 0.2% increase per net sales (4.28) against the target of 9% reduction per net sales (4.27) from the FY2005 level because of a rise in purchase unit price.

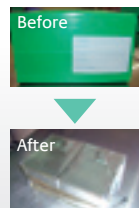
### Packing Material Cost



### Example of Reducing Packing Materials

#### <Reduction by changing the form of packing (Kagoshima Sendai Plant)>

Double packing using aluminum bags and plastic corrugated boards was changed to containers using reinforced aluminum material so that the plastic corrugated board used for outer packaging will no longer be used. This resulted in a packing material reduction of about 2.9 tons per year.



### Green Purchasing

Kyocera is actively promoting green purchasing for office appliances in order to preferentially purchase products and services with low environmental impact. The green purchasing ratios are shown below.

#### Green Purchasing Results

Item	Purchasing Ratios		
	FY2006	FY2007	FY2008
Notebooks, stationery, office appliances	75.7%	77.1%	78.3%