

The Eco Balance data on environmental impacts caused by overall business activities are utilized for establishing long-term targets and action plans.

To effectively reduce the impact of processes with larger environmental impacts on a priority basis, the Ricoh Group identifies the environmental impacts of overall business activities and per process using Eco Balance.¹ Eco Balance shows the numerical data of all environmental impacts caused by business activities, such as effects on human health, resource depletion and effects on the ecosystem. These numerical data were obtained by applying the integrated analysis method² of the data collected by the Sustainable Environmental Management Information System.³ Based on the evaluation of the “integrated environmental impact” that was identified by “the Eco Balance”, “the Year 2010 Long-Term Environmental Goals”⁴ and “the Environmental Action Plan”⁵ are established.

1. Eco Balance means the preparation of a list of input and output data on environmental impact to identify, quantitatively measure, and report environmental impacts caused by companies; or such a list itself.
2. Environmental Priority Strategies for Product Design (EPS), developed by the Swedish Environmental Research Institute (IVL) to calculate LCA of products, is used in calculating the Eco Balance of business activities. Under EPS, damage caused by environmental impact on human health, the ecosystem, non-living resources, and biodiversity is converted into financial values using ELU (Environmental Load Unit) as unified indicators (CO₂=0.108 ELU/kg, NO_x=2.13 ELU/kg, SO_x=3.27 ELU/kg, BOD=0.002 ELU/kg, etc.).

3. See page 49.

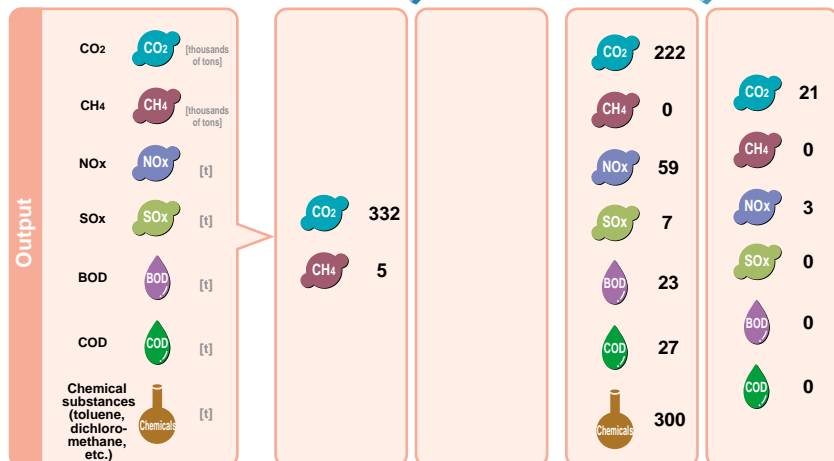
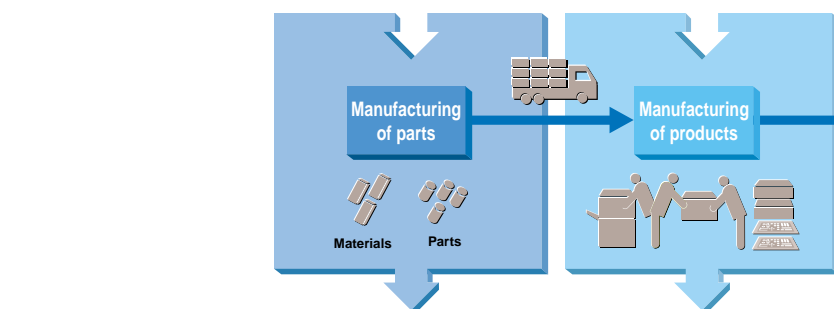
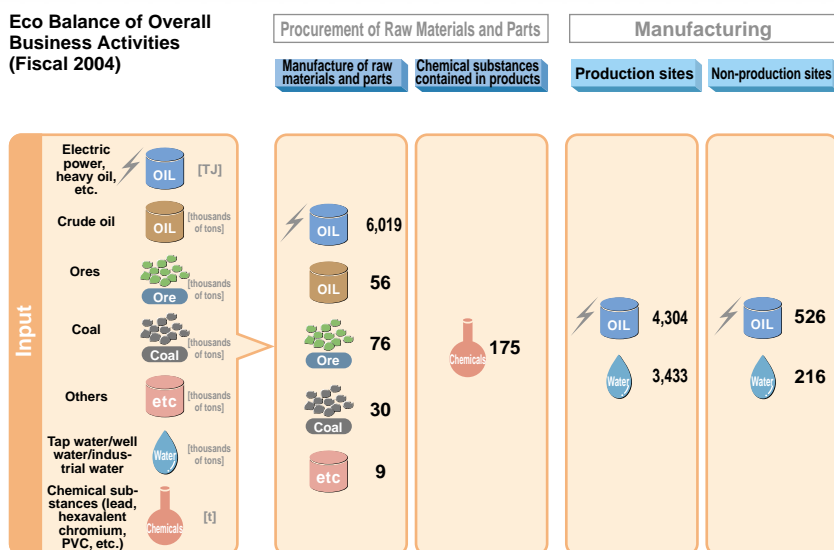
4. See page 9.

5. See page 11.

● Review of Fiscal 2004

In fiscal 2004, the integrated environmental impact of the entire Ricoh Group increased from that in the previous fiscal year. This is mainly due to the increased use of resources resulting from stronger sales and a rise in customers' paper consumption. However, measures that were taken to reduce environmentally sensitive substances (lead, hexavalent chromium, PVC, etc.) contained in our products and the electricity use of our products are steadily yielding results. The method and scope of our Eco Balance evaluation are reviewed every year to improve its accuracy. In fiscal 2004, in addition to imaging system production divisions in Japan and overseas, a measuring instruments division was included in the scope of the data collection. Also, raw materials subject to evaluation were reviewed.

Eco Balance of Overall Business Activities (Fiscal 2004)

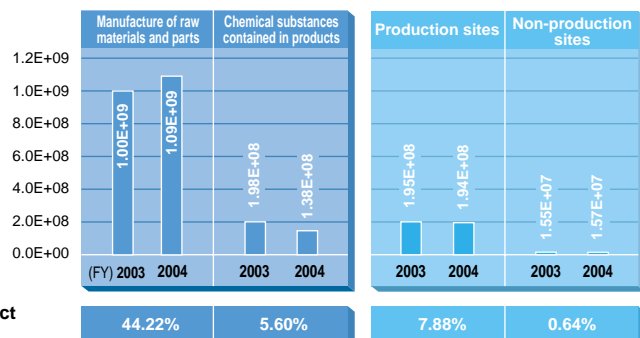


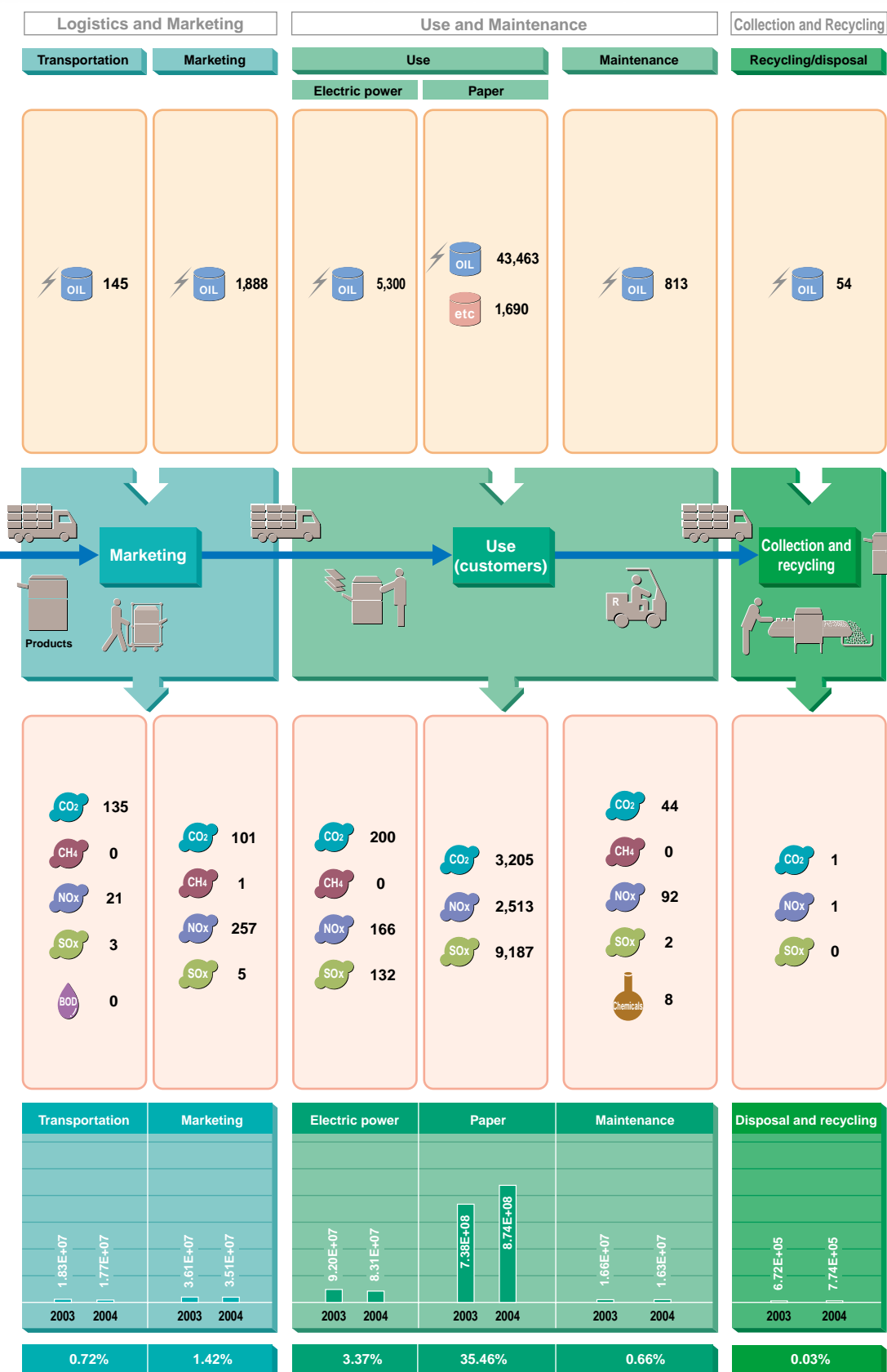
Figures Integrating Environmental Impact of Business Activities

Unit: ELU

*Because the scope of the data collection was expanded, a comparison to figures in the fiscal 2004 report is not possible. Overseas figures for marketing and maintenance processes are estimates.

Ratio of Integrated Environmental Impact (Fiscal 2004)





"E+n" means "× 10ⁿ"
 (Example) 1.45E+08 = 1.45 × 10⁸