

Reduction and Recycling of Industrial Waste

Daicel is a participant in the Keidanren Voluntary Action Plan on the Environment for a Recycling-Oriented Society. The Company has already achieved the Plan's target of reducing the amount of industrial waste disposal by landfill by 65% from the fiscal 2000 level by fiscal 2015. Daicel is therefore working to ensure there is no deterioration in this regard.

In fiscal 2012, the amount of industrial waste increased by 1,100 tons compared with the previous fiscal year. In contrast, the amount of disposal by landfill decreased by 220 tons year on year due to reductions in inorganic sludge and plastics that are difficult to recycle. The Company is working on reductions based on its principle of no further deterioration going forward.

Four Daicel plants—Aboshi, Ohtake, Hirohata, and Harima—continued to achieve zero emissions (defined as reducing the amount of disposal by landfill to less than 1% of the total amount of industrial waste produced).

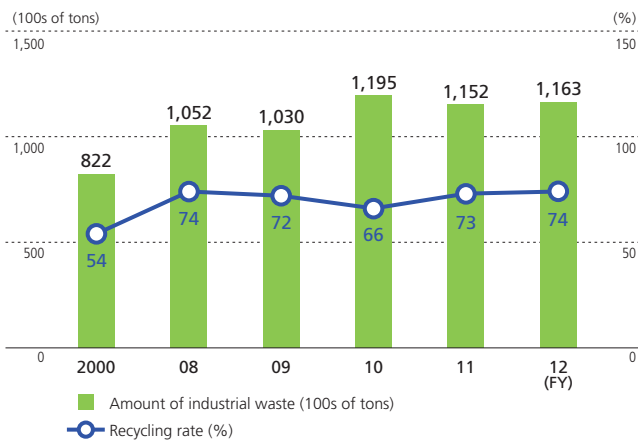
Information on the maintenance and management of Daicel's processing facilities, which is carried out based on the 2010 Revised Waste Management and Public Cleaning Law, is made available on the Daicel website:

<http://www.daicel.com/csr/maintenance.html>

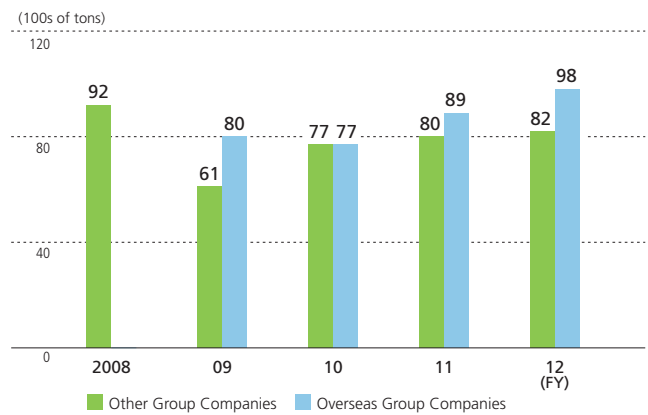
The amount of industrial waste generated by Other Group Companies increased 220 tons compared with the previous fiscal year, but the amount of disposal by landfill was about the same. All the following companies continued to achieve zero emissions: Polyplastics Co., Ltd., Daicel Logistics Service Co., Ltd., DM Novafoam, Ltd. and Dainichi Chemical Corp.

Continuing to expand their operations, the amount of industrial waste generated by overseas Group companies was 950 tons greater than fiscal 2012, but the amount of disposal by landfill was 510 tons less year on year. Daicel's overseas companies will continue to make headway with reusing and recycling, and work to make further decreases in the amount of disposal by landfill.

➔ Daicel Amount of Industrial Waste and Recycling Rate

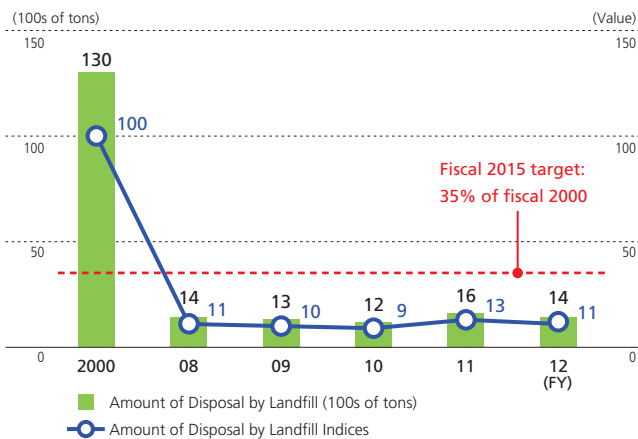


➔ Amount of Industrial Waste at Other Group and Overseas Group Companies

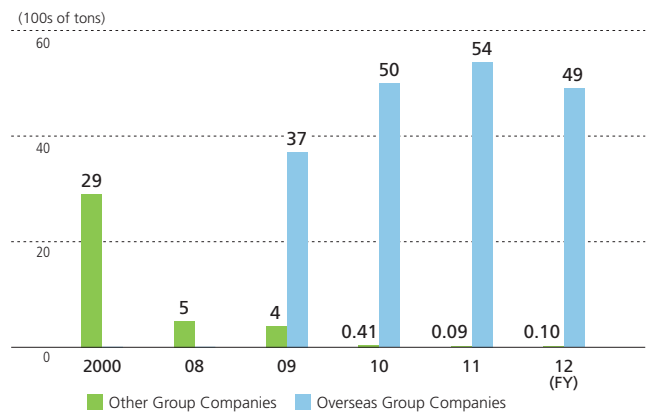


Data provided for overseas Group companies covers fiscal 2009 to fiscal 2012

➔ Daicel Amount of Disposal by Landfill



➔ Amount of Disposal by Landfill at Other Group and Overseas Group Companies



Data provided for overseas Group companies covers fiscal 2009 to fiscal 2012

What is...? Recycling rate: This term represents the ratio of the amount of reused and recycled waste to the amount of waste generated or emitted. Daicel defines the term as the ratio of the amount of reused and recycled waste (including heat recovery) by Daicel and by treatment contractors to the amount of industrial waste generated.