

Top Message	Message from the Head of Corporate Environmental and CSR Strategy Unit	Special Feature 1: The Fujitsu Group Medium/Long-term Environmental Vision	Special Feature 2: Digital Co-creation	Fujitsu Group Environmental Action Plan Stage VIII	Chapter I Contribution to Society	Chapter II Our Business	Environmental Management	Data Overview
Reducing Greenhouse Gas (GHG) Emissions and Boosting Energy Intensity at Our Business Sites	Improve Power Usage Effectiveness (PUE) at Our Data Centers	Expand the Use of Renewable Energy	Drive Activities to Reduce CO ₂ Emissions in the Supply Chain	Reduce CO ₂ Emissions from Transportation	Reducing the Amount of Water Used	Reducing Chemical Substances Emissions	Limiting Amounts of Waste Generated	

Reducing Chemical Substances Emissions

Our Approach

We manage the amounts used for about 1,300 chemicals in the Fujitsu Group in order to prevent environmental risks that could lead to environmental pollution or adverse health effects due to our use of harmful chemical substances. We operate a Chemical Information System called "FACE," which we use to register and monitor chemicals at every site, manage Safety Data Sheet (SDS), control income and expenditures in conjunction with purchasing data and inventory data, and strengthen our management and efficient use of chemicals.

Summary of FY 2016 Achievements

Targets under the Fujitsu Group Environmental Action Plan (Stage VIII) (toward FY 2018)

Reduce chemical pollutant (PRTR) release to less than the average level of FY 2012–2014

(20.7 tons).

FY 2016 Key Performance

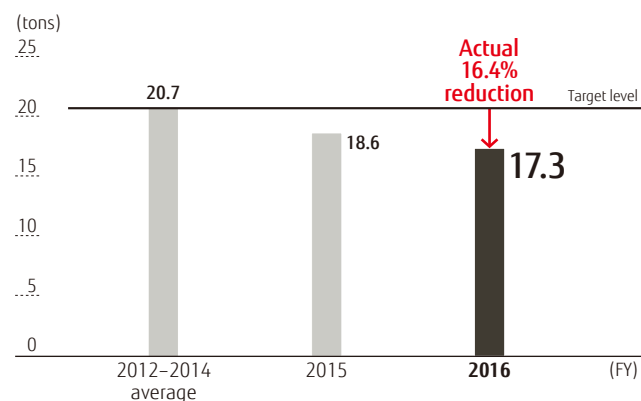
PRTR: **17.3 tons**

FY 2016 Performance and Results

Achieved On-Going PRTR Substance Emission Target

Group-wide chemical substance emissions for FY 2016 came to 17.3 tons for PRTR, within the target value in the Environmental Action Plan (Stage VIII).

Trends in PRTR Substance Emissions in Japan



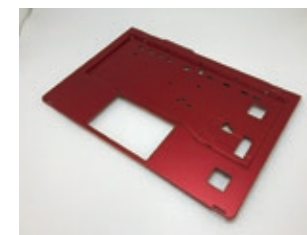
Main Activities in FY 2016

Reducing Prtr Emissions through Improvements in Production Yield and Changes to Raw Materials

In FY 2016, Fujitsu Kasei Limited worked to improve the quality of the base materials for computer casing components and the working environments for various processes. The changes not only boosted production yield in the company's painting process but also helped reduce the amount of PRTR-targeted substances in its paints by bringing overall paint consumption down.

Switching to paint materials containing fewer PRTR substances and implementing technological measures to improve paint coating film thickness, among other efforts, reduced the amount of PRTR emissions under chemical substance management by a total of 1.4 tons (7.0 tons to 5.6 tons): Toluene levels fell by 0.9 tons, xylene by 0.2 tons, and ethylbenzene by 0.2 tons.

At the beginning of the fiscal year, the company identified the issues that it would need to address in its efforts to make yield improvements and also reduce paint consumption. The various improvement measures resulted in the above achievements. In FY 2017, the company will continue to reduce PRTR emissions to address more issues.



Computer casing painting: Improvements in quality



Painting process: Improvements in the work environment