

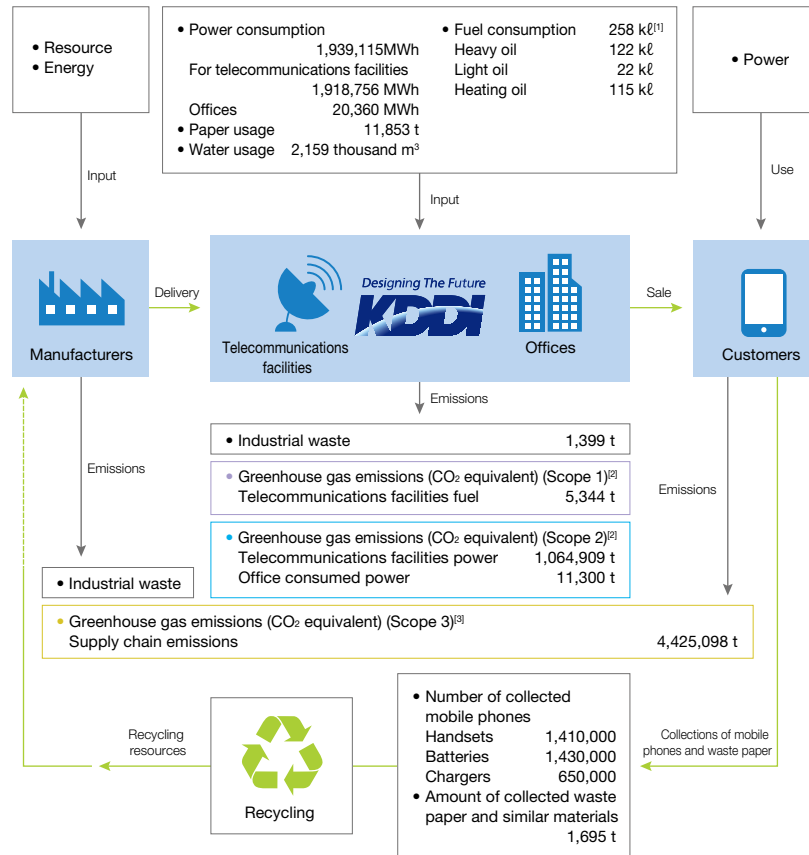
Environmental Data

Activity and Results

Environmental Impact of Business Activities

Most input energy is electric power for telecommunications facilities. Heavy oil, light oil, heating oil and other fuels are input when test running emergency power generation facilities. Most water usage is generated by everyday business activities in the offices. Greenhouse gas emissions were calculated in three areas, Scope 1, Scope 2 and Scope 3 (all items), and third-party verification was received.

Environmental Impact of FY2015 Business Activities (Coverage: KDDI)



[1] Used for air conditioning of telecommunications facilities and for emergency generators.

[2] CO₂ emissions are calculated using a conversion coefficient of 0.555kg-CO₂/kWh for the power consumption and the emission coefficients for fuel consumption applied to the calculation, reporting, and disclosure systems based on the "Act on Promotion of Global Warming Countermeasures."

[3] CO₂ emissions are calculated using emission factors indicated in the Ministry of the Environment's "Overview of Basic Conversion Guidelines Related to the Calculation of the Greenhouse Effect through the Supply Chain."

Environmental Data

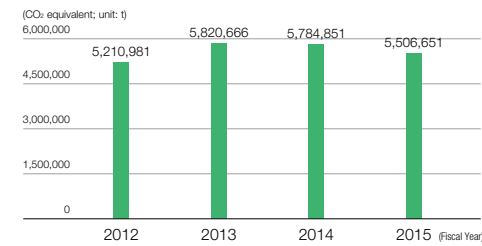
Activity and Results

Environmental Load Data (KDDI)

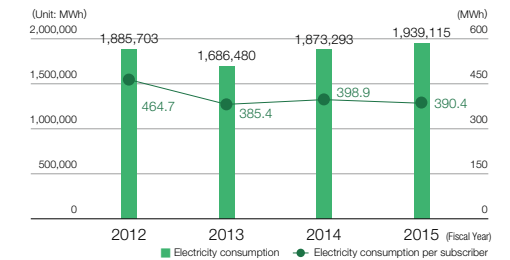
	FY2012	FY2013	FY2014	FY2015	
Greenhouse gas emissions (CO ₂ equivalent; unit: t) *	5,210,981	5,820,666	5,784,851	5,506,651	
Electric power consumption (unit: MWh)	1,885,703	1,686,480	1,873,293	1,939,115	
Electric power consumption per subscriber (unit: MWh)	464.7	385.4	398.9	390.4	
Fuel consumption (unit: kℓ)	308	260	254	258	
Paper usage (unit: t)	17,924.0	43,429.2	13,303	11,853	
Water usage (unit: 1,000m ³)	1,638	1,864	2,206	2,159	
Industrial waste emissions (unit: t)	1,401.1	1,445.7	1,283	1,399	
Number of mobile phones and other devices collected by KDDI (unit: 10,000 devices)	Mobile phones	181	154	163	141
	Batteries	182	161	182	143
	Chargers	83	72	79	65
Amount of waste paper and similar materials collected for recycling (unit: t)	2,394	2,235	2,531	1,695	
Equipment-related energy usage at centers (unit: MWh)	685,885	664,798	747,016	779,504	

* CO₂ emissions are calculated using a conversion coefficient of 0.555 kg-CO₂/kWh for the power consumption and the emission coefficients for fuel consumption applied to the calculation, reporting, and disclosure systems based on the "Act on Promotion of Global Warming Countermeasures."

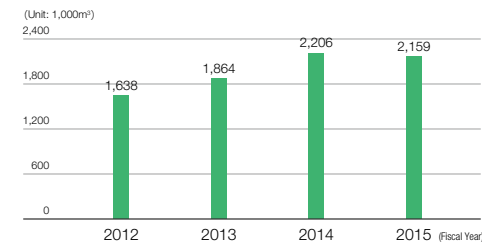
Greenhouse gas emissions



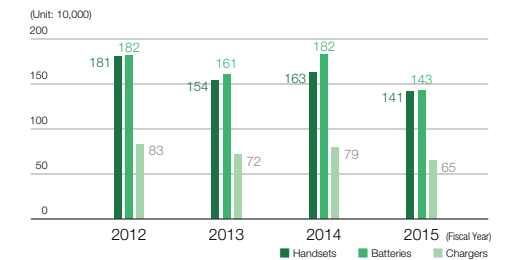
Electricity consumption and electricity consumption per subscriber



Water usage



Number of mobile phones collected by KDDI



Equipment-related energy usage at centers

