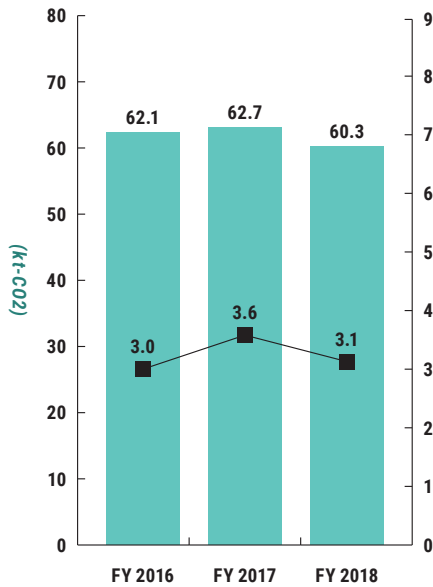
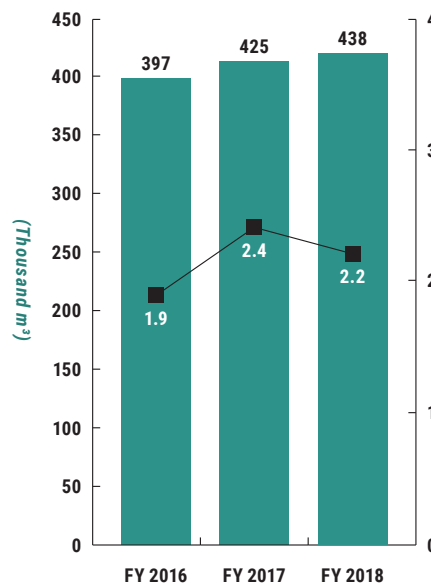


Environment

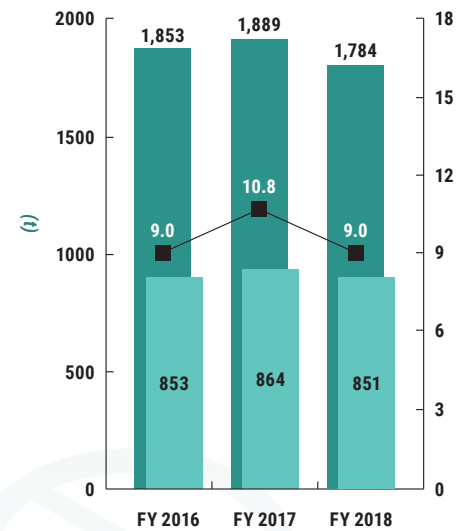
CO2 emission



Amount of water used



Amount of waste / Recycled volume



CO2 emission

Basic unit

Emission volume divided by production volume
(unit: bil. tablets)

Amount of water used
(clean water and industrial water)

Basic unit

Amount of water used divided by production volume
(unit:hundred million tablets)

Amount of waste

Recycled volume

Basic unit

Discharge amount divided by production volume
(unit: hundred million tablets)

INPUT

Classification	Items	Remarks	Units	FY 2016	FY 2017	FY 2018
Energy consumption	Electricity		Thousand kwh	90,416	92,602	95,124
	(of which) In-house power generation		Thousand kwh	3,923	3,539	2,942
	Kerosene		kl	1,891	2,033	1,894
	Heavy oil (A type)		kl	1,124	1,030	874
	Light oil		kl	1.5	0.02	0.09
	LPG		t	9.2	8.7	8.9
	City gas		Thousand m³	4,057	4,159	4,070
	Industrial steam		GJ	74,587	83,619	82,779
	Crude oil equivalent		kl	30,913	31,948	32,336
Water	Amount of water used (clean water and industrial water used)		Thousand m³	397	425	438
	Basic unit	Amount of water used divided by production volume (unit:hundred million tablets)	-	1.9	2.4	2.2

OUTPUT

Classification	Items	Remarks	Units	FY 2016	FY 2017	FY 2018
Water	Total drainage volume		Thousand m ³	375	402	402
CO2	CO2 emission		kt-CO2	62.1	62.7	60.3
	Basic unit	Emission volume divided by production volume (unit: bil. tablets)	-	3.0	3.6	3.1
	Scope3_CO2 emission		kt-CO2	235	161	174
Waste	Amount of waste, etc.		t	1,853	1,889	1,784
	Basic unit	Discharge amount divided by production volume (unit: hundred million tablets)	-	9.0	10.8	9.0
	Recycled volume		t	853	864	851
	Recycling rate		%	46	46	48
Chemical substances, etc.	Amount of release and transfer of specified chemical substances	Subjects: acetonitrile and methylene chloride (dichloromethane)	t	29	23	26
	NOx		t	32	27	20
	SOx		t	3	1	1

*Excluding Kaken Shoyaku Co., Ltd.

