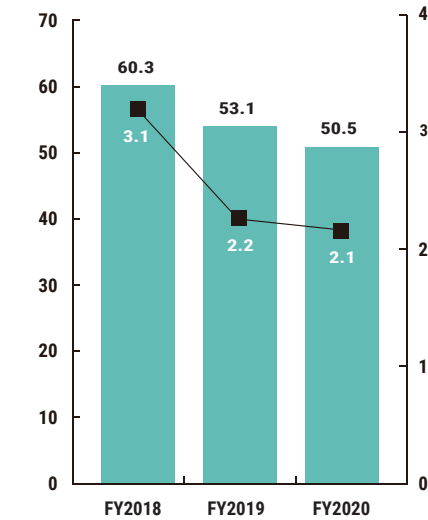


Environment

CO₂ emission

(kt-CO₂)



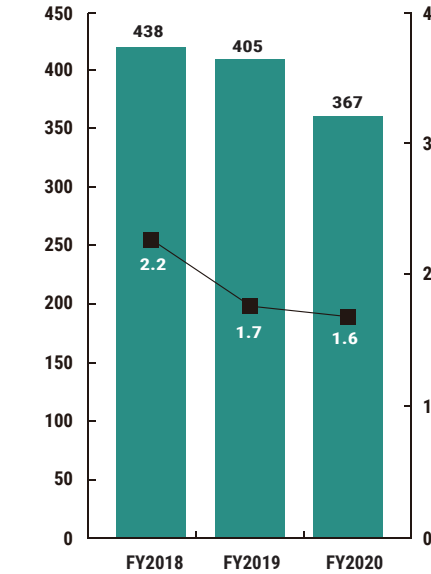
CO₂ emission

Basic unit

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

Amount of water used

(Thousand m³)



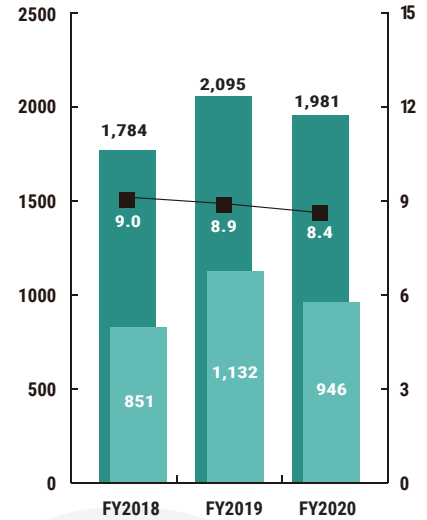
Amount of water used
(clean water and industrial water)

Basic unit

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

Amount of waste / Recycled volume

(t)



Amount of waste

Recycled volume

Basic unit

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

INPUT

Classification	Items	Remarks	Units	FY 2018	FY 2019	FY 2020
Energy consumption	Electricity		Thousand kwh	95,124	92,077	88,772
	(of which) In-house power generation		Thousand kwh	2,942	3,175	2,278
	Kerosene		kl	1,894	1,893	1,970
	Heavy oil (Atype)		kl	874	942	761
	Light oil		kl	0.09	0.00	0.00
	LPG		t	8.9	5.0	4.1
	City gas		Thousand m ³	4,070	3,981	3,817
	Industrial steam		GJ	82,779	64,870	65,146
	Crudeoil equivalent		kl	32,336	31,015	30,130
Water	Amount of water used (clean water and industrial water used)		Thousand m ³	438	405	367
	Basic unit	Amount of water used divided by production volume (unit: hundred million tablets)	-	2.2	1.7	1.6
	(of which) clean water		Thousand m ³	395	368	330
	(of which) industrial water		Thousand m ³	43	36	37

OUTPUT

Classification	Items	Remarks	Units	FY 2018	FY 2019	FY 2020	
Water	Total drainage volume		Thousand m ³	402	380	351	
	(of which) sewer drainage		Thousand m ³	307	283	250	
	(of which) river drainage		Thousand m ³	38	39	39	
	(of which) Others		Thousand m ³	56	57	62	
CO ₂	CO₂ emission		kt-CO ₂	60.3	53.1	50.5	
	Basic unit	Emission volume divided by production volume (unit: billion tablets)	-	3.1	2.2	2.1	
	(of which) Scope1 CO ₂ emission		kt-CO ₂	15.5	15.5	14.8	
	(of which) Scope2 CO ₂ emission		kt-CO ₂	44.8	37.6	35.6	
	Scope3 CO₂ emission	Total Scope3 emissions in the value chains		kt-CO ₂	174.2	196.4	194.6
		1.Purchased goods and services		kt-CO ₂	141.0	165.2	156.8
		2.Capital goods		kt-CO ₂	14.6	10.4	17.6
		3.Fuel- and energy-related activities (not included in scope 1 or scope 2)		kt-CO ₂	4.4	8.2	8.0
		4.Upstream transportation and distribution		kt-CO ₂	N/A	N/A	N/A
		5.Waste generated in operations		kt-CO ₂	1.2	0.9	0.9
		6.Business travel		kt-CO ₂	0.4	0.4	0.2
		7.Employee commuting		kt-CO ₂	0.7	1.0	0.9
		8.Upstream leased assets		kt-CO ₂	N/A	N/A	N/A
		9.Downstream transportation and distribution		kt-CO ₂	11.3	9.9	9.8
		10.Processing of sold products		kt-CO ₂	N/A	N/A	N/A
		11.Use of sold products		kt-CO ₂	N/A	N/A	N/A
12.End-of-life treatment of sold products			kt-CO ₂	N/A	N/A	N/A	
13.Downstream leased assets			kt-CO ₂	N/A	N/A	N/A	
14.Franchises			kt-CO ₂	N/A	N/A	N/A	
15.Investments		kt-CO ₂	0.5	0.5	0.5		
Waste	Amount of waste, etc.		t	1,784	2,095	1,981	
	Basic unit	Discharge amount divided by production volume(unit: hundred million tablets)	-	9.0	8.9	8.4	
	Recycled volume		t	851	1,132	946	
	Recycling rate		%	48	54	48	
Chemical substances, etc.	Amount of releaseandtransfer of specifiedchemical substances	Subjects:acetonitrile and methylene chloride (dichloromethane)	t	26	29	27	
	NOx		t	20	21	18	
	SOx		t	1	2	1	

※ Excluding Kaken Shoyaku and Upsher-Smith Laboratories