

Environmental Data

Overview of the business activities and environmental footprint of the complete supply chain

INPUT											
Energy		108,032kL				Water Resources		5,872,000m³		Materials	
Gasoline:		517kL				Clean water:		1,612,000m³		Marine products,Meat products and Agricultural products	
Kerosene:		341kL		LPG:		4,605tons		Industrial water:		1,337,000m³	
Light oil:		1,100kL		LNG:		0tons		Groundwater:		2,924,000m³	
Heavy oil:A:		15,556kL		City gas:		11,970,000m³		Surfacewater:		0m³	
Heavy oil:B・C:		0kL		Amount of Electric:		274,101,000kWh				Packaging materials:Cardboard,Cans,Packaging film,etc.	

Amount of energy used and volume of CO₂ emitted								
		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
CO2Emissions	Total (t-CO2) (Scope 1 + 2)	254,423	244,399	252,215	245,699	248,686	232,053	224,940
	Scope 1 (t-CO2)	95,913	88,567	101,839	97,833	99,027	87,062	83,959
	Scope 2 (t-CO2)	158,510	155,832	150,377	147,867	149,659	144,991	140,981
	Scope 3 (t-CO2)	—	—	—	—	—	6,199,068	6,004,617
	Category 1: Raw materials	—	—	—	—	—	4,147,425	4,076,851
	Category 2: Capital goods	—	—	—	—	—	25,883	18,945
	Category 3: Production	—	—	—	—	—	22,324	36,444
	Category 4: Transport	—	—	—	—	—	287,370	283,028
	Category 5:Waste generated in operations	—	—	—	—	—	7,099	7,175
	Category 6: Business travel	—	—	—	—	—	775	1,459
	Category 7: Employee commuting	—	—	—	—	—	3,450	4,851
	Category 8: Upstream leased assets	—	—	—	—	—	not applicable	not applicable
	Category 9: Downstream transportation and distribution	—	—	—	—	—	454,355	283,710
	Category 10: Processing of sold products	—	—	—	—	—	288,832	307,437
	Category 11: Use	—	—	—	—	—	937,398	961,645
	Category 12: Disposal	—	—	—	—	—	24,156	23,072
	Category 13: Downstream leased assets	—	—	—	—	—	not applicable	not applicable
	Category 14: Franchises	—	—	—	—	—	not applicable	not applicable
	Category 15: Investments	—	—	—	—	—	not applicable	not applicable
Amount of energy used	Total (Crude oil equivalent : kL)	118,438	113,658	115,854	113,070	115,173	111,289	108,032
	Gasoline (kL)	702.79816	670.811857	617.01481	486.72449	496.90846	493.90193	517.0000
	Kerosene (kL)	745.96411	769.38076	479.92674	440.97449	416.49843	366.75005	341.0000
	Light Oil (kL)	1,174	1,212	1,198	1,264	1,098	1,175	1,100
	Heavy Oil A (kL)	14,788	12,476	18,821	17,839	18,243	15,147	15,556
	Heavy Oil B・C (kL)	442	454	349	0	0	0	0
	LPG (t)	5,017	5,005	4,687	4,913	4,938	4,801	4,605
	LNG (t)	0	0.01	0	0	0	0	0
	City Gas (1,000m³)	14,674	14,244	13,449	13,122	13,348	13,658	11,970
	Electric (1,000kWh)	299,417	293,129	283,694	278,758	283,341	279,594	274,101
【Scope of survey】 Group companies in Japan								

Waste emissions, Recycling								
		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Waste emissions	Total (t)	60,458	60,517	58,253	54,350	55,061	54,489	57,013
	Industrial waste (t)	29,070	27,674	27,516	25,876	25,651	22,751	23,566
	Special controlled indstrial waste (t)	42.87	31.759	32.213	33.848	11.716	35.884	16.000
	General waste (t)	1,957	2,278	3,177	2,440	2,479	3,585	3,276
	Valuables (t)	29,387	30,533	27,528	26,001	26,919	28,117	30,156
Recycling waste(%)		95.70%	95.90%	95.00%	95.70%	95.80%	97.20%	92.9%
【Scope of survey】 Group companies in Japan								

Water use								
		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Water use	Total (1,000m³)	6,412	6,291	5,850	5,712	6,000	6,205	5,872
	Clean water (1,000m³)	1,898	1,824	1,739	1,750	1,759	1,687	1,612
	Industrial water (1,000m³)	1,443	1,400	1,335	1,318	1,314	1,365	1,337
	Ground water (1,000m³)	3,068	3,049	2,776	2,645	2,927	3,153	2,924
	Surface water (1,000m³)	3,527	17.86	0	0	0	0	0
【Scope of survey】 Group companies in Japan								

Drainage								
		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Drainage	Total (1,000m³)	1,600	1,497	1,522	1,548	1,452	1,508	1,467
	Sewerage (1,000m³)	640	557	570	679	651	784	858
	Areas of Public Waters (1,000m³)	960	939	951	869	801	725	609