



# Environmental Data

## INPUT

Data item	Scope of data	FY2019	FY2020	FY2021
Gasoline	Japan	122	88	81
	Overseas	51	41	51
Light oil	Japan	17	17	15
	Overseas	82	68	70
Kerosene	Japan	31	26	27
	Overseas	8	7	7
LPG	Japan	436	469	474
	Overseas	113	80	87
City gas	Japan	25	26	29
	Overseas	198	157	252
Electricity	Japan	78	70	72
	Overseas	70	65	74
Total water withdrawal	Japan	335	299	322
	Overseas	208	161	166
Tap water	Japan	119	112	122
	Overseas	80	62	62
Industrial water	Japan	85	59	64
	Overseas	61	57	63
Groundwater	Japan	131	128	136
	Overseas	67	42	41

[Scope of data collection] Fuel and electricity: EKK Group headquarters, production plants, sales offices  
Water withdrawal: EKK Group production plants

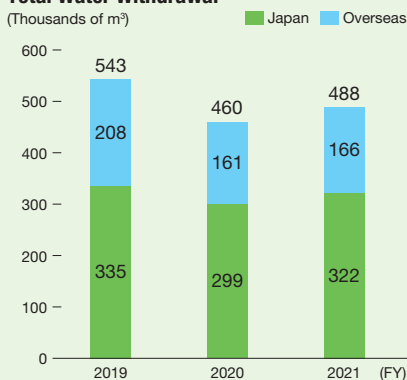
## OUTPUT

Data item	Scope of data	FY2019	FY2020	FY2021
CO2 emissions	Japan	48.4	41.0	37.8
	Overseas	35.1	32.8	38.7
Scope 1	Japan	1.7	1.7	1.7
	Overseas	1.1	0.8	1.1
Scope 2	Japan	46.7	39.3	36.1
	Overseas	34.0	32.0	37.6
CO2 emissions per production value	Japan	0.53	0.51	0.44
	Overseas	0.72	0.69	0.73
Industrial waste	Japan	2.5	2.9	2.3
	Overseas	1.7	1.5	1.5
Recycling volume	Japan	2.5	2.2	2.0
	Overseas	1.0	0.8	0.8
Landfill disposal volume	Japan	0.0	0.7	0.3
	Overseas	0.7	0.7	0.7
Valuable resources	Japan	3.5	3.1	2.8
	Overseas	2.0	1.6	1.8
Volatile organic compounds (VOC) emissions	Japan	65	57	59
	Overseas	36	33	35

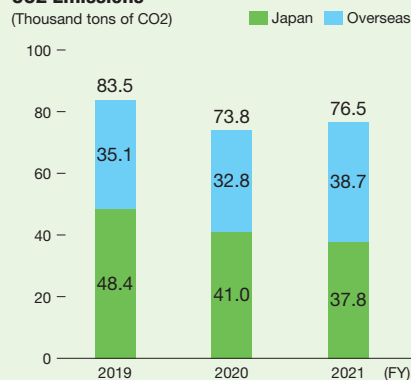
[Scope of data collection] CO2 emissions: EKK Group headquarters, production plants, sales offices  
Industrial waste emissions: EKK Group production plants  
VOC emissions: EKK Group production plants

[Emissions factors] Scope 1: Calculated based on "Ministerial Ordinance on Accounting for Greenhouse Gas Emissions by Specified Emitters."  
Scope 2: Calculated based on emission factors published by the respective electric utility.

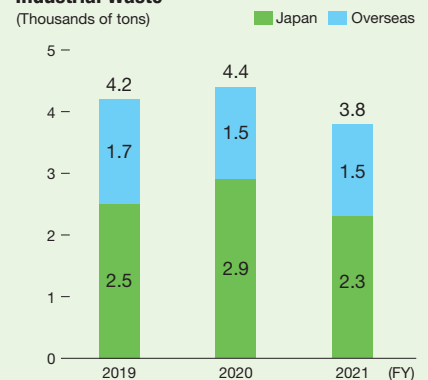
### Total Water Withdrawal (Thousands of m³)



### CO2 Emissions (Thousand tons of CO2)



### Industrial Waste (Thousands of tons)



## Water Withdrawal by Water Stress Area (Thousands of m³)

Water stress	FY2019	FY2020	FY2021
Extremely high (>80%)	6	5	6
High (40–80%)	5	4	4
Medium–high (20–40%)	11	11	11
Low–medium (10–20%)	118	109	120
Low (<10%)	60	45	44

[Scope of data collection] EKK Group production plants

Note: Water stress is shown with reference to the Aqueduct Water Risk Atlas by the World Resources Institute.

## Use of Renewable Energy (MWh)

Electricity generated from solar power	Scope of data	FY2019	FY2020	FY2021
Amount of renewable energy generated on-site and consumed in-house	Japan	0	0	643
	Overseas	928	715	897

[Scope of data collection] EKK Group production plants

## Breakdown of Scope 3 Emissions in Japan in FY2021 (Thousand tons of CO2)

Data item	FY2021	Share of total
Category 1: Purchased goods and services	227.5	91.6%
Category 2: Capital goods	10.5	4.4%
Category 3: Fuel- and energy-related activities not included in Scope 1 or Scope 2	4.9	2.1%
Category 4: Upstream transport and delivery	1.9	0.8%
Category 5: Waste generated in operations	0.7	0.3%
Category 6: Business travel	0.5	0.2%
Category 7: Employee commuting	1.5	0.6%
Category 8: Leased assets (upstream)	N/A	—
Category 9: Downstream transportation and delivery	N/A	—
Category 10: Processing of sold products	N/A	—
Category 11: Use of sold products	N/A	—
Category 12: End-of-life treatment of sold products	N/A	—
Category 13: Downstream leased assets	N/A	—
Category 14: Franchises	N/A	—
Category 15: Investments	N/A	—

[Scope of data collection]

EKK Group business activities (in Japan)

[Emission factors]

Emission factors are used with reference to "Policy on Emissions Unit Values for Accounting of Greenhouse Gas Emissions, etc., by Organizations Throughout the Supply Chain" by the Ministry of the Environment.

## Emissions/Transfers of Class-1 Chemical Substances as Designated by the PRTR Law (Reported in FY2021) (Tons)

Class-1 chemical substance	Ordinance No.	Emissions				Transfers	
		Into air	Into public waters	Into on-site soil	Landfilled on-site	To sewer system	To off-site
Total		3.66	0	0	0	0	1.78
Hexamethylenetetramine	258	0	0	0	0	0	0.46
Toluene	300	3.66	0	0	0	0	1.02
Phenol	349	0	0	0	0	0	0.30

[Scope of data collection]

EKK Group production plants (in Japan)

## Environmental Investment (Millions of yen)

	FY2019	FY2020	FY2021
Saitama	33	21	145
Okayama	61	22	26
Niigata	9	18	29
Takasago	2	4	0
Total	105	65	200

## Number of ISO 14001 Certified Sites (ISO 14001 certification ratio: 97.7%)

	Number of certified sites / Total sites
Headquarters	1/1
Japan	12/12
Sales offices	18/18
Overseas	12/13

## Sites in Scope of Data Collection

	FY2019	FY2020	FY2021
Headquarters	1	1	1
Japan	11	12	12
Sales offices	18	18	18
Overseas	9	13	13