



Responses to Climate Change (TCFD)

Status of Greenhouse Gas Reduction Efforts/Emissions

GRI 305-1,2,3,4,5/306-1,3

Scope 1 and 2 CO₂ emissions (FY2023)

(Thousand tons of CO₂)

	Scope 1	Scope 2	Total (Scope 1+2)
NOF	44.4	78.2	122.7
Domestic Group	51.2	83.4	134.5
NOF Group	58.6	100.6	159.2

Scope 3 CO₂ emissions (FY2023)

NOF Group

(Thousand tons of CO₂)

Category	FY2023	Calculating method
1 Purchased products and services	453.3	Calculated by multiplying the quantity and cost of each item of purchased raw materials, consumables, and repair materials by the emission intensity by division according to the guidelines Calculation scope: All of NOF, 8 domestic affiliate companies in Japan, and 2 major overseas affiliate companies
2 Capital goods	53.3	Calculated by multiplying acquisition cost of fixed assets by the emission intensity according to the guidelines
3 Fuels and energy-related activities not included in Scope 1 or 2	29.1	Calculated by multiplying the sum of electricity consumption and steam consumption by the emission intensity according to the guidelines
4 Transportation and distribution (upstream)	26.7	Calculated from ton-kilometers of transportation for purchased raw materials and ton-kilometers of transportation for delivered products for which the company is the consignor
5 Waste generated in business activities	9.7	Calculated by multiplying the weight of each type of waste generated at production sites by the emission intensity according to the guidelines
6 Business travel	0.5	Calculated by multiplying the number of employees by the emissions intensity according to the guidelines
7 Employee commuting	1.4	Calculated by multiplying the amount of commuting expenses by the emission intensity according to the guidelines
8 Leased assets (upstream)	-	Not applicable
9 Transportation and distribution (downstream)	-	Not applicable
10 Processing of sold products	17.8	Calculated by multiplying the sales volume of processed edible oils and industrial explosives by emission intensity according to the guidelines
11 Use of sold products	Not determined	Calculation is not possible because NOF products are mainly intermediate raw materials and the processing methods utilized by users after delivery are wide-ranging and undisclosed
12 End-of-life treatment of sold products	0.6	For packaging materials of shipped products, calculated by multiplying the weight of each type by the emission intensity according to the guidelines
13 Leased assets (downstream)	-	Not applicable
14 Franchises	-	Not applicable
15 Investments	-	Not applicable
Total	592.4	

*From fiscal 2023, the scope of Scope 3 is calculated as a consolidated Group that includes major overseas affiliate companies (Categories 1, 2, 3, and 6)
*Guidelines utilized: "Emission Factor Database on Accounting for Greenhouse Gas Emissions of an Organization Throughout the Supply Chain (Ver. 3.4)" (issued by the Ministry of the Environment and the Ministry of Economy, Trade and Industry)