Energy Data

Sources	Unit	Scope	FY2025	
Crude oil equivalent	kL	Japan	101,029	
		Outside Japan	141,667	
		Global total	242,696	★
Scope1	t-CO2	Japan	140,784	
		Outside Japan	219,295	
		Global total	360,079	★
Scope2	t-CO2	Japan	16,759	
		Outside Japan	156,901	
		Global total	173,660	★
Scope3 Category1 *1	t-CO2		715,739	★
Energy consumption	GJ		9,406,833	★
Electricity	thousand kWh	Japan	37,721	
		Outside Japan	297,335	
		Global total	335,056	
CO2 free electricity	thousand kWh	Japan	280,512	
		Outside Japan	157,406	
		Global total	437,918	
City gas	thousand m3	Japan	32,204	
		Outside Japan	41,019	
		Global total	73,223	
Coal	t	Japan	-	
		Outside Japan	60,802	
		Global total	60,802	
Steam *2	t	Japan	123,082	
		Outside Japan	166,734	
		Global total	289,816	
LNG	t	Japan	18,036	
		Outside Japan	-	
		Global total	18,036	
A HFO	kL	Japan	395	
		Outside Japan	-	
		Global total	395	
LPG	t	Japan	4,942	
		Outside Japan	45	
		Global total	4,987	
Diesel	kL	Japan	17	
		Outside Japan	1,195	
		Global total	1,212	
Kerosene	kL	Japan	129	
		Outside Japan	-	
		Global total	129	
Gasoline	kL	Japan	28	
		Outside Japan	-	
		Global total	28	
Steam(non industrial) *3	GJ	Japan	1,066	
		Outside Japan	-	
		Global total	1,066	
Hot water	GJ	Japan	180	
		Outside Japan	1,224	
		Global total	1,404	
Cold water	GJ	Japan	4,837	
		Outside Japan	-	
		Global total	4,837	
Solar power	thousand kWh	Japan	7,599	
		Outside Japan	25,045	
		Global total	32,644	
Biomass power	t	Japan	-	
		Outside Japan	10,837	
		Global total	10,837	
Waste plastic *4	kg	Japan	1,091	
		Outside Japan	-	
		Global total	1,091	
Waste oil *5	kL	Japan	733	
		Outside Japan	-	
		Global total	733	

Boundary of the disclosure data
The following sites of consolidated subsidiaries of Otsuka Holdings , that have production bases are included in the boundary.
Japan : factories, laboratories, head office divisions, sales bases, resort facilities
Outside Japan：factories
Excluding manufacturing sites in other companies' premises
Scope3 Category 1 is not included in the scope of this boundary.

*1 : Five group companies : Otsuka Pharmaceutical, Otsuka Pharmaceutical Factory, Taiho Pharmaceutical, Otsuka Chemical, and Otsuka Foods (all Non-Consolidated)
Emissions from raw materials and parts, purchased products, and materials related to sales until they are manufactured.
Otsuka Pharmaceutical's boundary does not include items (mainly imported supplements) other than diagnostic kits among the items procured by the business divisions.
Otsuka Foods's boundary does not include imported items (drinking water and wine) procured by the business divisions.

Steam and Cogeneration system
*2 and *3: Steam is mainly used at production bases, and Steam(non industrial) is mainly used at sales bases.
The amount of electricity and steam for sales to outside parties by the cogeneration system is deducted from the emission amount.

Waste plastic and Waste oil
*4 and *5 : Waste plastic and Waste oil are used in an energy recovery incinerator

GHG emissions calculations
[Fuel and Heat]
Calculation method: (Annual consumption of fuel/heat) × CO2 emission factor for each energy
Japan : Emission factors stipulated by Act on Promotion of Global Warming Countermeasures (hereinafter referred to as the "Global Warming Law")
Outside Japan: Emission factors obtained from fuel suppliers or emission factors determined by Global Warming Law

[Electricity]
Calculation method: Annual power consumption x CO2 emission factor
Japan: Adjusted Emission Factors by Electricity Utility and Menu Published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry under the Global Warming Law
Outside Japan: Emission factors by electric power company obtained locally, in principle, and if not available, country-specific emission factors disclosure by IEA (Emission Factors 2025)

[Scope 3 Category 1]
Calculation method: In principle , calculation is based on the amount of materials.
If the amount of materials data is not available, calculation is based on the amount of money.
And the calculation is performed by the amount of activity of each item × emission intensity.
Factors : Database for calculating an organization's greenhouse gas emissions through its supply chain ver.3.5 published in March 2025 by the Ministry of the Environment

GHG emissions quantification is subject to uncertainty when measuring activity data, determining emission factors, and considering scientific uncertainty inherent in the Global Warming Potentials.

Calculation of crude oil equivalent
In accordance with Act on Rationalizing Energy Use, the amount of crude oil converted into the amount of heat converted 10GJ is converted into 0.258kL
Heat conversion of electricity consumption is calculated using a conversion factor 3.6MJ/kWh based on secondary energy consumption.

Of the indicators disclosed on this website , those marked with star ★ have received independent assurance from KPMG AZSA Sustainability Co., Ltd.
Independent Practitioner's Limited Assurance Report