

Scope of Data (as of March 31st, 2025)

NH FoodsGroup. If information is insufficient for some calculations, the subject organization will be clearly indicated on each occasion.

Subject		
Business sites in Japan	Production and Livestock Breeding Facilities and Feedlots	Nippon Clean Farm Ltd./Nippon White Farm Co., Ltd./Junsui Kurobuta Shuton Nojo Co.Ltd
	Meat preparation and processing plants	Nippon White Farm Co., Ltd./ Nippon Food Packer, Inc./ Miyazaki Beef Center Co., Ltd./
	Ham and Sausage Production	Nipponham Factory Ltd./ Nipponham Northeast Ltd./ Nipponham Hokkaido Factory Ltd./ Nipponham Southwest Ltd./ Kamakura Ham Tomioka Co., Ltd./ Kyodo Foods Co., Ltd.
	Processed Food Production	NH Foods Ltd./ Nipponham Processed Foods Ltd./ Nipponham Delicatessen Ltd./ Nippon Pure Food, Inc./ Hoko Co., Ltd./ Minami Nippon Fresh Foods Co., Ltd./ Premium Kitchen Co., Ltd.
	Marine and Dairy Product Production	Nippon Luna, Inc./ Hoko Co., Ltd.
	Sales Offices, Distribution Centers, Headquarters, Branches, Offices and Research Institutes	NH Foods Ltd./ NH Foods Marketing Ltd./ Nippon Route Service Co., Ltd./ Nippon Daily Net Co., Ltd./ Nipponham Frozen Foods Ltd. / Nipponham Customer Communications Ltd./ Nippon Logistics Center, Inc./ Nippon Chilled Logistics, Inc./ Japan Food Corporation/ NHJF Corporation/ Higashi Nippon Food, Inc./ Kanto Nippon Food, Inc./ Naka Nippon Food, Inc./ Nishi Nippon Food, Inc./ Nippon Pure Food, Inc./ Hoko Co., Ltd./ Hokkaido Nippon-Ham Fighters Baseball Club Co., Ltd./ Nippon Luna, Inc./ Minami Nippon Fresh Foods Co., Ltd./ Nipponham Hokkaido Factory Ltd./ Usune Co., Ltd./ Fighters Sports & Entertainment Co., Ltd.
Business sites Overseas	Production and breeding facilities, farms	Whyalla Beef Pty. Ltd./ Ege-Tav Ege Tarım Hayvancılık Yatırım Ticaret ve Sanayi Anonim Şirketi
	Meat preparation and processing plants	Oakey Beef Exports Pty. Ltd./ Thomas Borthwick & Sons Pty. Ltd./ Wingham Beef Exports Pty. Ltd./ Ege-Tav Ege Tarım Hayvancılık Yatırım Ticaret ve Sanayi Anonim Şirketi
	Manufacture and sale of fresh meats and processed foods	Shandong Rilong Foodstuffs Co., Ltd./ Pure Food Asia, Inc./ Thai Nippon Foods Co., Ltd./ NH Foods Vietnam Joint Stock Company/ PT NH Foods Diamond Indonesia/ Day-Lee Foods, Inc./ Redondo's, LLC/ LJD Holdings, Inc./ Mountain View Packaging, LLC/ Tamarack Foods, LLC
	Food marketing, trading companies	Nippo Food (Shanghai) Co., Ltd./ NH Foods Taiwan Ltd./ NH Foods (Thailand) Ltd./ NH Foods Singapore Pte. Ltd./ NH Foods Australia Pty. Ltd./ Beef Producers Australia Pty. Ltd./ NH Foods U.K. Ltd./ NH Foods Chile Y Compania Limitada/ NH Foods Mexicana S.A.DE C.V./ Day-Lee Foods, Inc./ Japan Food Corporation Korea Branch

Calculation Method

■ Greenhouse gas emissions about Scope 1 and Scope 2 are calculated by using factors in "Act on Promotion of Global Warming Countermeasures" in Japan

↳ Location base is calculated by the alternative value which is annual electric power company's emission factors (above the law)

↳ Market base is calculated by each annual electric power company's emission factors (above the law)

Overseas sites: Primarily use laws and regulations or guidelines of the country or region where each company or office is located. If these are unknown, use coefficients of the "Act on Promotion of Global Warming Countermeasures" in Japan.

↳ If the location base is unknown, use the Emissions Factors provided by the IEA.

There are not applicable of Perfluorocarbons, Sulphur hexafluoride and Nitrogen trifluoride. Also, Hydrofluorocarbons aren't calculation in scope

■ Scope 3 is calculated which is based on our scenario by category, which referred to "Basic Guidelines On Accounting for Greenhouse Gas Emissions throughout the Supply Chain (in Japan)". The emission unit of calculation is used or referred to below

- "Act on Promotion of Global Warming Countermeasures" in Japan about each year

- "Database of Emissions Unit Values on the Same Accounting for Greenhouse Gas Emissions throughout the Supply Chain" in Japan

■ Energy consumption about Scope 1 and Scope 2 is calculated as follows:

Japan: Use coefficients, etc., defined by the "Act of Promotion of Global Warming Countermeasures" and the "Act on the Rational Use of Energy" in Japan

Overseas: Primarily use laws and regulations or guidelines of the country or region where each company or office is located. If these are unknown, use coefficients of the "Act on the Rational Use of Energy" in Japan

■ The waste recycling rate and recycling rate were calculated as follows.

Waste recycling rate: $(\text{Waste generation}^* - \text{Final disposal waste}) / \text{Waste generation} \times 100$ (Unit: %)

*Excluding items that are difficult to recycle due to the sale of valuable materials and legal regulations, etc

Recycling rate: $(\text{Waste recycled in-house} + \text{Valuable materials sold} + \text{Recycled waste}) / (\text{Waste generation} - \text{in-house reductions}) \times 100$ (Unit: %)

Third-Party Verification

Items with a mark are subject to third-party verification under the ISAE3000 and ISAE3410 by SGS Japan Inc. (Limited assurance)

Scope of verification

GHG emissions in Japan: Scope 1, Scope 2, Scope 3 Overseas GHG emissions: Scope 1, Scope 2

Energy use in Japan: Scope 1, Scope 2 Overseas energy use: Scope 1, Scope 2

Water use in Japan: Water withdrawal and Water consumption

Overseas water use: Water withdrawal and Water consumption

Environmental Targets

As part of its three-year medium-term management plans, the NH Foods Group has formulated environmental targets aimed at reducing the environmental impact of its business activities. In April 2021, the Group formulated Vision2030 and identified, while also setting medium- to long-term environmental targets for 2030.

We are helping to realize a sustainable society through our efforts to reduce environmental loads, and through our continuing commitment to effective resource utilization.

In fiscal 2022, we set environmental targets for 2030 based on our medium- to long-term environmental targets for Japan.

Going forward, we will work to promote efforts to achieve a sustainable society from a more global perspective.

Results of Medium- to Long-Term Environmental Targets in Japan

Targets	Unit	Baseline	2030 target	FY2024 results	Progress
Reduce fossil fuel-derived CO₂ emissions (Reduce by more than 46% compared with FY2013 levels)	t-CO ₂	550,518	297,279	417,928	Reduction (change from the baseline) : ▲132,590 Reduction (compared with the baseline) : ▲24.1%
Reduce plastics use *1 (Reduce by more than 20% compared with FY2013)	t	7,496	5,997	4,935	Reduction (change from the baseline) : ▲2,561 Reduction (compared with the baseline) : ▲34.2%
Waste discharge (per production unit) (Reduce by 5% compared with FY2019 level)	kg/t	134.6	127.9	122.0	Reduction (change from the baseline) : ▲12.6 Reduction (compared with the baseline) : ▲9.3%
Waste recycling rate (At least 92% by 2030) *2	%	84.1	92.0	90.5	—
Waste consumption (per production unit) (Reduce by 5% compared with FY2019 level)	m ³ /t	15.2	14.4	15.1	Reduction (change from the baseline) : ▲0.1 Reduction (compared with the baseline) : ▲0.7%

* CO₂ emissions and thermal energy were calculated using the factors stipulated each year under the "Act on Promotion of Global Warming"

* Intensity units are based on production quantities by manufacturing factory

*1 Products subject to the Containers and Packaging Recycling Law

*2 The baseline for the waste recycling rate is 84.1% (FY2019 result). The formula is shown in the "Calculation method" section on p.16

Results of Medium- to Long-Term Environmental Targets Overseas

Targets	Unit	Baseline	2030 target	FY2024 results	Progress
Reduce fossil fuel-derived CO₂ emissions (Reduce by more than 24% compared with FY2021 levels)	t-CO ₂	143,340	108,938	135,164	Reduction (change from the baseline) : ▲8,176 Reduction (compared with the baseline) : ▲5.7%
Waste consumption (per production unit) (Reduce by 5% compared with FY2021 level)	m ³ /t	14.7	14.1	12.4	Reduction (change from the baseline) : ▲2.3 Reduction (compared with the baseline) : ▲15.6%

* Target base year: For overseas operations, based on FY2021 results, with reduction targets set as equal to yearly reduction targets in Japan

* CO₂ emissions are mainly calculated using methods defined by the country or region where a company is located.

If this is unknown, the IEA Emissions Factors and the coefficients of the "Act on Promotion of Global Warming Countermeasures" in Japan are used.

* Intensity units are based on production quantities by manufacturing factory

Mitigation of Global Warming

Greenhouse Gas Emissions from NH Foods Group and Its Entire Supply Chain

Greenhouse Gas Emissions

Scope	Items	Business scope	Scope 2 pattern	FY2020	FY2021	FY2022	FY2023	FY2024
Scope 1	CO ₂ (thousand t-CO ₂) ^{*1}	Japan	—	220	222	213	203	190
		Overseas	—	—	52	55	53	55
	Methane (thousand t-CO ₂) ^{*2}	Company-wide	—	28	116	134	122	144
	Nitrous oxide (thousand t-CO ₂) ^{*2}	Company-wide	—	101	102	99	52	48
Scope 2	CO ₂ (thousand t-CO ₂)	Japan	Location base	276	267	246	243	231
			Market base	257	260	236	232	230
		Overseas	Location base	—	92	86	78	80
Total	CO ₂ (thousand t-CO ₂)	Company-wide	Location base	625	851	833	751	748
Scope 3	CO ₂ (thousand t-CO ₂)	Japan	—	10,576	10,503	10,258	10,475	10,567 ^{*3}

*1 Target data: Energy derived from fossil fuels and waste incineration *2 Calculations are based only on enteric fermentation and manure management of livestock

*3 Calculation method to be changed from FY2024

Breakdown of Scope 3 Categories (FY2024 Results)

Category	CO ₂ (thousand t-CO ₂)	Composition ratio (%)	Category	CO ₂ (thousand t-CO ₂)	Composition ratio (%)
1 Purchased goods and services ^{*1}	9,405	89.0	10 Processing of sold products ^{*3}	119	1.1
2 Capital goods	76	0.7	11 Use of sold products ^{*4}	161	1.5
3 Fuel and energy related activities (not included in scope 1 or scope 2)	77	0.7	12 End-of-Life treatment of sold products ^{*5}	77	0.7
4 Upstream transportation and distribution ^{*2}	595	5.6	13 Downstream leased assets	1	0.0
5 Waste generated in operations	43	0.4	14 Franchises	-	-
6 Business travel	3	0.0	15 Investments	-	-
7 Employee commuting	10	0.1	Total	10,567	100
8 Upstream leased assets	-	-			
9 Downstream transportation and distribution	-	-			

*1 Raw materials and supplies related to the product

*2 Transportation to the delivery destination, with the buyer bearing the cost

*3 Product for businesses heating and cooking

*4 Cooking commercial products

*5 Disposal of food waste and product packaging

Environmental Data by Business

■Greenhouse Gas

(thousand t-CO₂)

Items			FY2020	FY2021	FY2022	FY2023	FY2024
Japan	Production and Livestock Breeding Facilities and Feedlots	Scope 1	182	179	174	113	107
		Scope 2	37	35	35	35	34
		Subtotal	219	215	209	148	141
	Fresh Meat Processing and Plants	Scope 1	27	27	27	27	25
		Scope 2	34	33	31	30	31
		Subtotal	60	60	58	57	56
	Ham and Sausage Production	Scope 1	37	36	34	32	30
		Scope 2	49	48	45	44	41
		Subtotal	86	84	79	76	71
	Processed Food Production	Scope 1	67	69	65	55	49
		Scope 2	94	92	80	78	65
		Subtotal	161	161	145	133	114
	Marine and Dairy Product Production	Scope 1	8	8	8	7	7
		Scope 2	17	16	16	15	9
		Subtotal	25	24	24	22	16
	Sales Offices, Distribution Centers, Headquarters, Branches, Offices and Research Institutes	Scope 1	1	1	2	6	5
		Scope 2	45	44	39	41	50
		Subtotal	46	45	41	47	54
Vehicles	Scope 1	28	28	26	26	24	
Subtotal	Scope 1	349	348	336	266	247	
	Scope 2	276	267	246	243	230	
	Subtotal	625	615	582	509	477	
Overseas	Scope 1	—	144	165	164	190	
	Scope 2	—	92	86	78	80	
	Subtotal	—	235	251	242	270	
Total	Scope 1	349	492	501	430	437	
	Scope 2	276	359	332	321	310	
	Subtotal	625	851	833	751	747	

Resource Saving Initiatives

Consumption of Energy

Transition of Energy Consumption

Items			FY2020	FY2021	FY2022	FY2023	FY2024
Japan	Fuel (GWh)	Gasoline	10	10	8	8	8
		Kerosene	164	163	162	153	149
		Light oil	103	105	98	99	96
		Heavy fuel oil A	237	215	191	153	107
		Liquefied petroleum gas / LPG	117	126	111	93	83
		Liquefied natural gas / LNG	84	88	76	58	100
		Town gas	287	309	334	361	337
		Biomass	—	16	17	16	19
		Total Fuel	1,002	1,033	997	941	899
	Steam, cold water, hot water purchased(GWh)	6	6	6	6	6	
Electricity purchased(GWh)	585	589	562	560	555		
Of which, renewable energy (GWh)	1	1	4	8	11		
Subtotal(GWh)	1,593	1,627	1,565	1,507	1,460		
Of which, renewable energy (GWh)	1	17	21	24	30		
Overseas	Fuel(GWh)	Gasoline	—	3	3	4	2
		Kerosene	—	0	0	0	0
		Light oil	—	24	24	25	24
		Heavy fuel oil	—	8	5	0	0
		Coal	—	95	103	100	98
		Liquefied petroleum gas / LPG	—	13	25	24	22
		Natural gas	—	53	44	44	60
		Town gas	—	2	2	2	2
		Biomass	—	80	83	66	76
	Total Fuel	—	278	288	264	284	
Steam, cold water, hot water purchased (GWh)	—	12	23	18	16		
Electricity purchased(GWh)	—	167	157	130	136		
Subtotal(GWh)	—	456	468	412	436		
Of which, renewable energy (GWh)	—	80	83	66	76		
Total	Total(GWh)	1,593	2,084	2,033	1,919	1,896	
	Of which, renewable energy (GWh)	1	97	104	90	107	

Water Consumption

Transition of Water withdrawal and Water consumption (By Water Source)

Items			FY2020	FY2021	FY2022	FY2023	FY2024
Japan	☑ Water withdrawal and Water consumption (thousand m ³)	Groundwater	10,873	10,881	10,603	10,031	9,663
		Surface water	0	0	0	0	0
		Tap water (including industrial water)	3,947	3,840	3,658	3,766	3,533
		Sea water	0	0	0	0	0
		Subtotal	14,820	14,721	14,261	13,796	13,196
	Reuse/recycling water (thousand m ³)	39	37	65	69	79	
Overseas	☑ Water withdrawal and Water consumption (thousand m ³)	Groundwater	—	611	1,072	2,530	1,935
		Surface water	—	564	771	2,426	998
		Tap water (including industrial water)	—	2,100	2,240	1,883	1,879
		Sea water	—	13	16	0	0
		Subtotal	—	3,288	4,099	6,839	4,812
	☑ Total water withdrawal and Water consumption	14,820	18,009	18,360	20,635	18,008	

* Water withdrawal and water consumption figures include some estimates for the production sector.
Locations for which data cannot be obtained due to reasons such as rent not being included are not included.

Items			FY2020	FY2021	FY2022	FY2023	FY2024
Japan	Discharged (thousand m ³)	Discharged treatment water to river etc.	11,765	12,224	11,373	11,322	10,468
		Sewage	1,489	1,512	1,502	1,606	1,555
		Total	13,254	13,736	12,875	12,928	12,022
Overseas	Discharged (thousand m ³)	Discharged treatment water to river etc.	—	—	—	—	3,232
		Sewage	—	—	—	—	994
		Total	—	—	—	—	4,226
Total volume of discharged water			—	—	—	—	16,248

* Discharged includes some estimates.

Waste

Breakdown of Waste Generation (Results in Japan)

Items	FY2020	FY2021	FY2022	FY2023	FY2024
Waste generation (thousand t)	402.5	397.6	380.2	378.0	388.2
In which, waste discharged (thousand t)	208.8	198.7	193.5	188.1	191.2
Recycling of waste (thousand t)	376.9	380.8	364.2	361.4	367.8
Final disposal waste (thousand t)	19.7	9.6	11.0	11.2	15.7
Recycling rate (%)	94.7	96.9	96.9	96.3	95.3
Hazardous waste generation (t)	22.5	24.0	18.1	19.3	17.0

* The formula for the recycling rate is shown in the "Calculation method" section on p.16

* Hazardous waste is defined as specially controlled industrial waste

State of Compliance with Environmental Laws and Regulations

The NH Foods Group strives to ensure compliance with laws and regulations at all of its business sites. At farms, factories, and distribution facilities where environmental loads are especially high, we obtain ISO 14001 certification as the basis for the effective administration of compliance systems. In addition, the relevant units in NH Foods Ltd. verify operational conditions through internal environmental audits at our business sites, including those without certification. Steps are taken, including recurrence prevention measures, to address any issues identified through internal audits based on ISO 14001 or internal audits by NH Foods Ltd.

In the unlikely event of an environmental accident, remedial action is implemented in accordance with procedures determined for each business site. We also submit reports to the relevant agencies and establish structures to prevent recurrences. In addition, the circumstances are reported to the Compliance Department of NH Foods Ltd. in order to share details about the actions taken.

In fiscal 2024, there were no accidents that caused serious environmental impacts at NH Foods Group business sites.

* The meaning of "Serious accident" is as defined in the internal rules of the NH Foods Group.

Items	FY2020	FY2021	FY2022	FY2023	FY2024
Number of serious environmental accidents	0	0	0	0	0
Amount of fines (yen)	0	0	0	0	0

Business Activities and Environmental Impact

■Inputs

Items	FY2020	FY2021	FY2022	FY2023	FY2024
Livestock feed (thousand t)	641	626	626	618	584
Raw materials for products (thousand t)	241	240	215	207	197
Plastic (t)	6,495	6,429	6,909	7,179	6,477
Wood fiber/Paper fiber (t)	—	—	—	—	21
Metals (aluminum, steel, etc.) (t)	—	—	—	—	0
Glass (t)	—	—	—	—	256
Fuel (GWh)	1,022	1,033	997	941	899
Of which, renewable energy (GWh)	—	16	17	16	19
Electricity (GWh)	585	589	562	560	555
Of which, renewable energy (GWh)	1	1	4	8	11
Water (million m ³)	15	15	14	14	13

* Water input includes some estimated values from production departments

■Outputs

Items	FY2020	FY2021	FY2022	FY2023	FY2024
Quantity of products (fresh meats, processed foods) produced (thousand t)	805	810	761	742	712
Greenhouse gases (thousand t-CO ₂)	625	615	583	509	477
Nitrous oxides/NOx (t)	507	511	518	635	615
Sulfur oxides/SOx (t)	193	176	167	186	65
Discharged water (million m ³)	13	14	13	12	12
Waste (among generated) (thousand t)	403	398	380	378	388
Waste recycling rate (%)	94.7	96.9	96.6	96.3	95.3

* Water discharged includes some estimated values from production departments

* The formula for the recycling rate is shown in the "Calculation method" section on p.16

Third-Party Verification

NH Foods Group has been subjected to third-party verification about the appropriateness of disclosed data. (Limited assurance)

■ Assurance Standards

ISAE3000, ISAE3410

■ Subjects

- Stakeholder management process
 - Greenhouse gas (GHG) emissions (Scope 1, 2^{*1}, and 3)
 - Energy consumption
 - Water consumption: water intake
 - The management systems supporting the reporting
- ^{*1} Greenhouse gases covered carbon dioxide, methane, and nitrous oxide
Calculations are based only on Energy-derived, waste incineration enteric fermentation and manure management of livestock

■ Period covered

April 1, 2024 to March 31, 2025

The Scope of each assurance covers the subsidiaries plants, sales offices, logistics hubs, headquarters, branches, and laboratories.

* The information on this page is disclosed on NH Foods Group website.

