

# Environmental Data

301-1,302-1,302-2,302-3,302-4,302-5,303-3,303-4,303-5,305-1,305-2,305-3,305-4,305-5,305-6,305-7,306-1,306-3,306-4

## Environmental Management

### ► Sites for which data has been compiled (100% of net sales)

All business locations inside Japan (however, data of sales offices and Unicharm Mölnlycke K.K. has been collected only for fuel, electricity, and CO<sub>2</sub>)

Unicharm Corporation (headquarters, sales offices, R&D, Itami Factory, Mie Factory, and Saitama Factory), Unicharm Products Co., Ltd. (Fukushima Factory, Shizuoka Factory, Shikoku Factory, and Kyushu Factory), Unicharm Kokko Nonwoven Co., Ltd. (Toyohama Manufacturing Team, Kawano Manufacturing Team, Kokko Manufacturing Team.), Cosmotec Corporation, Unicharm Mölnlycke K.K., Peparlet Co., Ltd., and Kinsei Products Co., Ltd.

### Overseas (manufacturing locations only)

China: Unicharm Consumer Products (China) Co., Ltd., (Shanghai Factory, Tianjin Factory, Jiangsu Factory), Unicharm Nonwoven Tianjin Co., Ltd., and Unicharm Packaging Materials (Tianjin) Co., Ltd.

Indonesia: PT. UNI-CHARM INDONESIA Tbk (Karawang Factory and East Java Factory), PT. Uni-Charm Nonwoven Indonesia

Thailand: Uni.Charm (Thailand) Co., Ltd. (Wellgrow Factory) and DSG International (Thailand) Public Co., Ltd.

India: Unicharm India Private Limited (Sri City Factory and Neemrana Factory)

Taiwan–Greater China: Unicharm Co., Ltd. (Junan Factory)

Vietnam: Diana Unicharm Joint Stock Company (Bác Ninh Factory)

United States: The Hartz Mountain Corporation (Hartz Pleasant Plain Factory)

South Korea: LG-Unicharm Co., Ltd. (Gumi Factory)

Saudi Arabia: Unicharm Gulf Hygienic Industries Ltd. (Riyadh Factory)

Egypt: Unicharm Middle East & North Africa Hygienic Industries Company S.A.E. (Ramadan Factory)

Brazil: UNICHARM DO BRASIL INDÚSTRIA E COMÉRCIO DE PRODUTOS DE HIGIENE LTDA. (São Paulo Factory)

Myanmar: Unicharm Myanmar Company Limited

Malaysia: Disposable Soft Goods (Malaysia) Sdn. Bhd.

### Policies and standards

Aggregation is based on internal rules concerning the management of environmental information with reference to GHG protocols.

### Notes

1. Scope 1 is calculated based on emission factors in the IPCC 2006 Guidelines for National Greenhouse Gas Inventories.

Vehicles used for business purposes were included under Scope 3-8 through *Sustainability Report 2023* as leased items, but in *Sustainability Report 2024*, vehicles used for business purposes were included in Scope 1 resulting fiscal 2021 and fiscal 2022 were as well.

2. Regarding Scope 2, CO<sub>2</sub> emissions from electricity in Japan are calculated based on emission factors of electric utility providers under the Greenhouse Gas Emissions Calculation, Reporting, and Publication System established by the Ministry of the Environment, while overseas emissions are calculated based on factors specific to laws and regulations in each country. As overseas emission factors have been revised in *Sustainability Report 2024*, results for fiscal 2021 and fiscal 2022 have been revised accordingly.

Brazil now uses 100% renewable electricity and Myanmar uses 100% private power generation. Steam is calculated using emission factors from the IPCC 2006 Guidelines for National Greenhouse Gas Inventories.

3. Scope 3 was calculated only for Japan through *Sustainability Report 2023*, but in *Sustainability Report 2024*, overseas companies are included in the boundary.

In calculating overseas figures, emission factors are changed from the Ministry of the Environment database to the LCI database IDEA version 3.2.

Due to the expansion of boundaries and revision of emission factors, overseas Scope 3 emissions up to

fiscal 2022 have been added retroactively, and Japan emissions have been recalculated using the LCI database IDEA version 3.2.

Vehicles used for business purposes were included under Scope 3-8 through *Sustainability Report 2023* as leased items, but in *Sustainability Report 2024*, vehicles used for business purposes were included in Scope 1 resulting fiscal 2021 and fiscal 2022 were as well.

Overseas, Scope 3-1, 3-2, 3-3, 3-5, 3-6, 3-7, and 3-12 are calculated based on activity volume, with other categories estimated as a percentage of net sales.

4. In terms of transportation, we have statistics only for within Japan. The overseas portion of Scope 3 on P.062 is estimated based on the ratio of sales with Japan.

5. Energy conversion is calculated based on the Act on Rationalization of Energy Use and Shift to Non-fossil

Energy. Calculations for fiscal 2021 and fiscal 2022 are also based on the latest laws.

6. For sites where wastewater volume is not measured, wastewater volume is considered to be equal to water withdrawal.

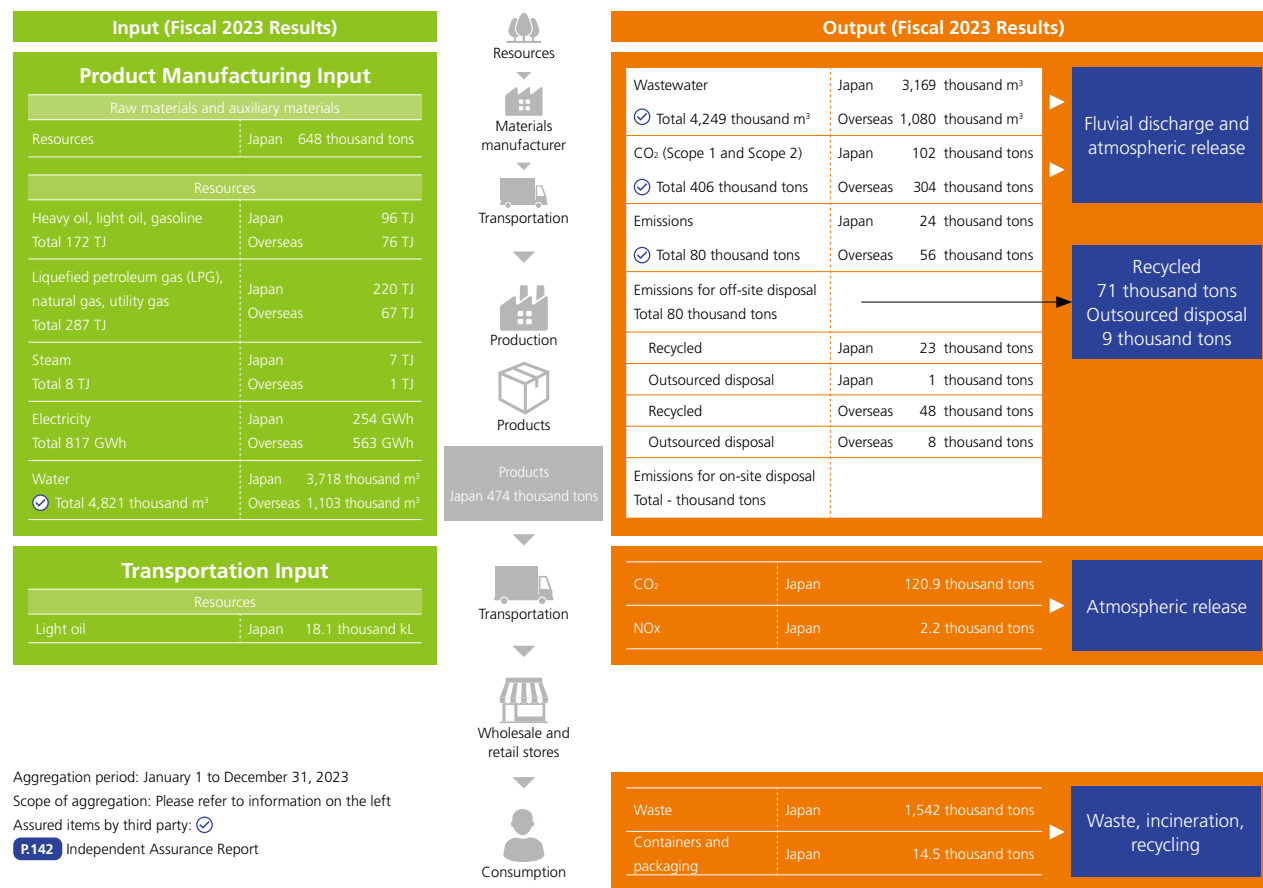
7. Emissions include industrial waste, general waste from offices, and recyclables.

8. Thermal recycling volumes calculated as on-site emissions have been eliminated in line with the decommissioning of the Fukushima Factory incinerator (October 2022).

9. To increase the reliability of our non-financial data, we have received independent assurance report from KPMG AZSA Sustainability Co., Ltd., in accordance with ISAE 3000 and ISAE 3410. Items with a check (✓) have been independently assured by a third party.

## ► Energy/Material Flow from a Life Cycle Perspective

301-1,302-1,302-2,303-3,303-4,303-5,305-1,305-2,305-3,306-1,306-4



## Resources Used in Product Manufacturing

### Raw Materials and Auxiliary Materials

		Unit	2021	2022	2023
Resources	Japan	Thousand tons	687	658	648

### Resources

		Unit	2021	2022	2023
Heavy oil, light oil, gasoline	Japan	TJ	93	76	96
	Overseas	TJ	9	12	76
	<b>Total</b>	TJ	<b>102</b>	<b>88</b>	<b>172</b>
Liquefied petroleum gas (LPG), natural gas, utility gas	Japan	TJ	238	190	220
	Overseas	TJ	107	75	67
	<b>Total</b>	TJ	<b>345</b>	<b>265</b>	<b>287</b>
Steam	Japan	TJ	78	90	7
	Overseas	TJ	—	1	1
	<b>Total</b>	TJ	<b>78</b>	<b>91</b>	<b>8</b>
Electricity	Japan	GWh	273	272	254
	Overseas	GWh	449	587	563
	<b>Total</b>	GWh	<b>721</b>	<b>859</b>	<b>817</b>
Water	Japan	Thousand m <sup>3</sup>	3,754	3,670	3,718
	Overseas	Thousand m <sup>3</sup>	1,080	1,082	1,103
	<b>Total</b>	Thousand m <sup>3</sup>	<b>4,834</b>	<b>4,752</b>	<b>4,821</b>
Light oil used for transportation	Japan	Thousand kL	18.3	18.3	18.1

## Output

		Unit	2021	2022	2023
Wastewater	Japan	Thousand m <sup>3</sup>	3,296	3,296	3,169
	Overseas	Thousand m <sup>3</sup>	1,070	1,076	1,080
	<b>Total</b>	Thousand m <sup>3</sup>	<b>4,366</b>	<b>4,371</b>	<b>4,249</b>
CO <sub>2</sub> (Scope 1 and Scope 2)	Japan	Thousand tons	142	136	102
	Overseas	Thousand tons	294	350	304
	<b>Total</b>	Thousand tons	<b>437</b>	<b>486</b>	<b>406</b>
Emissions	Japan	Thousand tons	26	26	24
	Overseas	Thousand tons	52	61	56
	<b>Total</b>	Thousand tons	<b>78</b>	<b>88</b>	<b>80</b>
Emissions for off-site disposal	Japan recycled	Thousand tons	22	23	23
	Japan outsourced disposal	Thousand tons	1	1	1
	Overseas recycled	Thousand tons	40	49	48
	Overseas outsourced disposal	Thousand tons	11	12	8
	<b>Total</b>	Thousand tons	<b>75</b>	<b>86</b>	<b>80</b>
Emissions for on-site disposal	<b>Total</b>	Thousand tons	<b>3</b>	<b>2</b>	—
CO <sub>2</sub> emissions in transportation	Japan	Thousand tons	126.6	121.2	120.9
NOx emissions in transportation	Japan	Thousand tons	2.4	2.3	2.2
Waste in consumption	Japan	Thousand tons	1,611	1,566	1,542
Containers and packaging in consumption	Japan	Thousand tons	15.6	14.7	14.5

## Total Product Weight (Japan)

	Unit	2021	2022	2023
Total product weight	Thousand tons	491	481	474

## Basic Environmental Policy

### ► The Unicharm Group's ISO Certifications

(As of January 31, 2024)

Name of Certified Group Company	ISO 14001	ISO 9001	ISO 13485	ISO 45001
Unicharm Corporation and Unicharm Products Co., Ltd.	○	○	○*	
Unicharm Kokko Nonwoven Co., Ltd.	○	○	—	○
Cosmotec Corporation		○	—	
United Charm (Taiwan–Greater China) Co., Ltd.	○	○	—	○
Uni.Charm (Thailand) Co., Ltd.	○	○	○	○
PT. UNI-CHARM INDONESIA Tbk (Factory 1)	○	○	○	
PT. UNI-CHARM INDONESIA Tbk (Factory 2)	○	○	○	
PT. UNI-CHARM INDONESIA Tbk (Factory 3)	○	○	○	
Unicharm Consumer Products (China) Co., Ltd.	○	○	—	
Unicharm Consumer Products (Jiangsu) Co., Ltd.	○	○	—	○
Unicharm Consumer Products (Tianjin) Co., Ltd.	○	○	—	○
Unicharm Gulf Hygienic Industries Ltd.	○	○	—	○
LG-Unicharm Co., Ltd.	○	○	—	
Unicharm India Private Limited	○	○	—	
Unicharm Australasia Holding Pty Ltd.		○	—	
Unicharm Middle East & North Africa Hygienic Industries Company S.A.E.	○	○	—	○
UNICHARM DO BRASIL INDÚSTRIA E COMÉRCIO DE PRODUTOS DE HIGIENE LTDA.		○	—	
Diana Unicharm Joint Stock Company		○	—	
DSG International (Thailand) Public Co., Ltd.	○	○	—	
Disposable Soft Goods (Malaysia) Sdn. Bhd.		○	—	

\* ISO 13485 certification is applicable only to Unicharm Products Co., Ltd.

—: Not acquired

### ► CDP Rating

	2021	2022	2023
Climate Change	A–	A–	A–
Forests	B	B	A
Water Security	B	B	A

## Recycling-Based Society

### Plastic Waste Reduction Measures

#### ► Raising Awareness About Proper Disposal of Used Products

	2021	2022	2023
Rate of awareness raised about proper disposal of used products	38% (6 countries/regions)	50% (8 countries/regions)	56% (9 countries/regions)

#### ► Plastic Use (Tons) in Sales Promotional Items (Japan)

	2019 (Base Year)	2021	2022	2023
Display hooks	6.25	0.49	1.45	0.09
Fixtures	0.92	0.56	0.18	0.02
Racks	6.89	23.53	0.58	0.00
Others (including packaging materials)	17.04	3.77	3.46	3.97
<b>Total</b>	<b>31.10</b>	<b>28.35</b>	<b>5.67</b>	<b>4.08</b>

#### ► Plastic Use (Tons) in Sales Promotional Items (China)

	2019 (Base Year)	2023
Plastic use (tons) in sales promotional items	119.8	28.2

## Zero-Carbon Society

### Responding to Climate Change

#### ► Energy Use

		Unit	2021	2022	2023
Japan		TJ	1,382	1,379	1,237
Overseas	Thailand	TJ	430	397	390
	China		465	372	382
	Indonesia		572	561	532
	India		146	230	256
	Vietnam		173	139	139
	Taiwan–Greater China		31	27	26
	United States		24	22	17
	South Korea		48	49	46
	Saudi Arabia		210	213	212
	Egypt		51	59	73
	Myanmar		5	7	7
	Brazil		44	48	53
	Malaysia		47	44	36
	Total		TJ	2,245	2,169
<b>Total</b>	TJ	<b>3,627</b>	<b>3,548</b>	<b>3,406</b>	
Per unit*1	TJ / million yen	0.005	0.004	0.004	

Note: Calculations are based on the Act on Rationalization of Energy Use and Shift to Non-fossil Energy and figures for fiscal 2022 and earlier have been retroactively recalculated based on the latest revisions.

\*1 Unit denominators are consolidated net sales.

#### ► CO<sub>2</sub> Emissions by Scope and Category

Scope	Category	Unit	2021	2022	2023	Remarks
Scope 1	Direct emissions	Thousand tons	35.5	31.6	29.2	*4
Scope 2	Indirect emissions from energy sources	Thousand tons	465.2	454.5	376.9	
Scope 3**3	1 Purchased goods and services	Thousand tons	3,781.6	3,774.1	3,400.5	
	2 Capital goods		140.6	85.2	100.8	
	3 Fuel- and energy-related activities not included in Scope 1 or Scope 2		62.2	59.1	52.9	
	4 Upstream transportation and distribution		364.2	376.4	348.5	
	5 Waste generated in operations		43.1	45.0	28.7	
	6 Business travel		2.1	2.1	2.1	
	7 Employee commuting		12.5	12.7	13.1	
	8 Upstream leased assets		0.0	0.0	0.0	*4
	9 Downstream transportation and distribution		108.3	110.5	111.3	
	10 Processing of sold products		0.0	0.0	0.0	*5
	11 Use of sold products		0.0	0.0	0.0	*5
	12 End-of-life treatment of sold products		2,033.4	2,138.0	1,896.3	
	13 Downstream leased assets		0.0	0.0	0.0	*5
	14 Franchises		0.0	0.0	0.0	*5
	15 Investments		40.2	39.6	34.7	
Total for Scope 3	Thousand tons	6,588.2	6,642.7	5,988.9		
<b>Total for Scopes 1, 2, and 3</b>	Thousand tons	<b>7,088.9</b>	<b>7,128.8</b>	<b>6,395.0</b>		

\*2 Scope 3 was calculated only for Japan through *Sustainability Report 2023*, but in *Sustainability Report 2024*, overseas companies are also included in the boundary. In calculating overseas figures, emission factors were changed from the Ministry of the Environment database to the LCI database IDEA version 3.2. Due to the expansion of boundaries and revision of emission factors, overseas Scope 3 emissions up to fiscal 2022 have been added retroactively, and Japan emissions have been recalculated using the LCI database IDEA version 3.2.

\*3 Overseas, Scope 3-1, 3-2, 3-3, 3-5, 3-6, 3-7, and 3-12 are calculated based on activity volume, with other categories estimated as a percentage of net sales.

\*4 Vehicles used for business purposes were included under Scope 3-8 through *Sustainability Report 2023* as leased items, but in *Sustainability Report 2024*, vehicles used for business purposes were included in Scope 1 resulting fiscal 2021 and fiscal 2022 were as well.

\*5 Does not apply to any business process

### ► Scope 1 and Scope 2 CO<sub>2</sub> Emissions

		Unit	2021	2022	2023
Japan*1		Thousand tons	147.6	136.3	102.1
Overseas	Thailand	Thousand tons	42.9	40.5	37.2
	China		58.1	47.5	25.7
	Indonesia		121.4	119.9	106.6
	India		32.6	46.4	44.2
	Vietnam		27.3	22.3	21.3
	Taiwan–Greater China		4.3	3.8	3.3
	United States		0.1	0.1	0.1
	South Korea		11.7	12.1	11.2
	Saudi Arabia		38.2	39.2	37.6
	Egypt		8.1	9.7	11.5
	Myanmar		0.3	0.6	0.5
	Brazil		0.1	0.1	0.1
	Malaysia		8.0	7.7	4.8
	Total		Thousand tons	353.1	349.8
<b>Total</b>	Thousand tons	<b>500.7</b>	<b>486.1</b>	<b>406.2</b>	
Per unit*2	Tons / million yen	0.640	0.541	0.431	

\*1 Vehicles used for business purposes were included under Scope 3-8 until *Sustainability Report 2023* as leased items, but in *Sustainability Report 2024*, vehicles used for business purposes were included in Scope1 resulting fiscal 2021 and fiscal 2022 were as well.

\*2 Unit denominators are consolidated net sales.

### ► Scope 3 CO<sub>2</sub> Emissions

		Unit	2021	2022	2023
Japan*3		Thousand tons	2,737.2	2,613.9	2,446.1
Overseas	Thailand	Thousand tons	864.9	801.9	778.6
	China		896.8	945.9	814.3
	Indonesia		663.3	602.2	481.2
	India		384.8	536.8	487.1
	Vietnam		165.3	163.7	156.2
	Taiwan–Greater China		83.9	72.6	57.5
	United States		103.6	143.5	109.1
	South Korea		66.6	68.0	60.6
	Saudi Arabia		391.9	442.3	371.9
	Egypt		54.4	82.1	68.0
	Myanmar		74.5	79.6	91.9
	Brazil		3.1	6.0	5.0
	Malaysia		98.0	84.1	61.4
	Total		Thousand tons	3,851.0	4,028.9
<b>Total</b>	Thousand tons	<b>6,588.2</b>	<b>6,642.7</b>	<b>5,988.9</b>	
Per unit*4	Tons / million yen	8.417	7.397	6.359	

\*3 Vehicles used for business purposes were included under Scope 3-8 through *Sustainability Report 2023* as leased items, but in *Sustainability Report 2024*, vehicles used for business purposes were included in Scope1 resulting fiscal 2021 and fiscal 2022 were as well.

\*4 Unit denominators are consolidated net sales.

## ► Procurement of Renewable Electricity

		Unit	2021	2022	2023
Japan		Thousand kWh	15,854	34,274	77,006
Overseas	Thailand	Thousand kWh	9,958	10,678	14,707
	China		19,813	23,143	53,831
	Indonesia		0	927	8,229
	India		0	0	5,880
	Vietnam		5,159	5,146	5,231
	Taiwan–Greater China		0	0	390
	United States		541	6,188	4,361
	South Korea		0	0	0
	Saudi Arabia		0	0	0
	Egypt		0	0	0
	Myanmar		0	0	0
	Brazil		12,374	13,230	14,199
	Malaysia		0	0	2,087
	Total		Thousand kWh	47,844	59,312
<b>Total</b>	Thousand kWh	<b>63,698</b>	<b>93,586</b>	<b>185,921</b>	
Percentage of renewable electricity use		%	7.3	11.0	22.8

## Biodiversity

### Biodiversity Conservation

#### ► Forest-Derived Raw Materials

		Unit	2021	2022	2023
Amount of third-party certified forest-derived raw materials procured	Japan	Tons	117,606	155,378	163,317
	Overseas	Tons	273,667	299,731	257,829
	<b>Total</b>	<b>Tons</b>	<b>391,273</b>	<b>455,109</b>	<b>421,146</b>
Percentage of paper and pulp traceable to place of origin*1	Japan	%	100.0	100.0	100.0
	Overseas	%	96.0	95.7	97.5
	<b>Total</b>	<b>%</b>	<b>97.0</b>	<b>97.1</b>	<b>99.2</b>

\*1 Percentage of forest-derived raw materials (pulp) derived from forest resources for which traceability has been established to their place of origin (country and region), in addition to third-party certified materials

#### ► PEFC and CoC Certifications

		Unit	2021	2022	2023
Percentage of PEFC- and CoC-certified factories	%		52.0	56.0	64.0
Percentage of PEFC-certified pulp procured*2			76.0	72.3	72.6

\*2 In fiscal 2023, the procurement ratio calculation method was changed from a shipping weight basis to a purchase weight basis using the formula “purchase weight of 100% PEFC-certified pulp ÷ overall pulp purchase weight” and figures for fiscal 2022 and earlier have been retroactively recalculated.

#### ► Percentage of Office Paper Made from Certified Materials

		Unit	2021	2022	2023
Ratio of environmentally friendly office paper	%		98.9	99.9	99.6
Office paper made from 100% recycled paper			97.0	97.7	83.5
Office paper made from certified materials			1.9	2.2	16.1

#### ► Number of Products Using Organic Cotton (Japan)

	No. of products
2021	23
2022	33
2023	53

### ▶ Palm Oil

	Unit	2021	2022	2023
Amount of palm oil procured	Tons	152.0	164.8	166.2
Amount of certified palm oil* <sup>1</sup> procured		117.3	119.0	113.1
Percentage of raw materials traceable to place of origin	%	77.2	72.2	68.0
Percentage of certified palm oil* <sup>1</sup> procured		77.2	72.2	68.0

\*1 Certified palm oil is RSPO-certified oil using the mass balance system.

## Reducing Emissions and Preventing Pollution

### ▶ Emissions Generated

		Unit	2021	2022	2023
Japan		Thousand tons	26.2	26.3	23.9
Overseas	Thailand	Thousand tons	8.0	7.6	7.3
	China		19.5	17.1	17.8
	Indonesia		8.3	8.1	7.2
	India		6.5	8.0	6.6
	Vietnam		6.0	5.8	5.7
	Taiwan–Greater China		0.8	0.8	0.7
	United States		4.4	4.0	1.0
	South Korea		1.6	1.5	1.3
	Saudi Arabia		3.9	4.1	4.2
	Egypt		1.5	1.7	1.9
	Myanmar		0.010	0.011	0.013
	Brazil		1.2	1.2	1.2
	Malaysia		1.5	1.3	1.0
	Total		Thousand tons	63.2	61.2
<b>Total</b>	Thousand tons	<b>89.4</b>	<b>87.5</b>	<b>79.8</b>	
Per unit* <sup>2</sup>	Tons / million yen	0.114	0.097	0.085	

\*2 Unit denominators are consolidated net sales.

### ▶ Recycling Rate

	Unit	2021	2022	2023
Japan* <sup>3</sup>	%	99.5	99.3	99.6

\*3 Calculated based on total material recycling and thermal recycling (the Fukushima Factory incinerator was in operation until fiscal 2022) at the four main domestic plants (Unicharm Products Co., Ltd.'s Fukushima Factory, Shizuoka Factory, Shikoku Factory, and Kyushu Factory)

### ▶ Polychlorinated Biphenyl (PCB) Storage Situation (Japan)

	Unit	2021	2022	2023
Units of PCB stored	Units	0	0	0

### ▶ Pollutant Release and Transfer Register (PRTR) Substances (Japan)

	Unit	2021	2022	2023
Toluene	Tons / year	43.1	43.2	180.1
Ethylene oxide	kg / year	18.8	95.8	31.9
Dioxin	mg-TEQ / year	0.085	0.290	0.000
Methylnaphthalene	Tons / year	0.10	0.10	0.04

### ▶ NOx and SOx Emissions (Japan)

	Unit	2021	2022	2023
NOx	Tons	15.7	15.2	12.2
NOx per unit	kg / million yen	0.056	0.053	0.038
SOx	Tons	5.9	5.7	9.3
SOx per unit	kg / million yen	0.021	0.020	0.029

► Ozone-Depleting Substances (Japan)

Substance	Business Site	Use	Unit	2023
Halon (Class 1)	Unicharm Products Shizuoka Factory	Fire retardant	Tons	1.6
	Unicharm Products Shikoku Factory (Kagawa)			0.07
	Unicharm (other development sites in Kagawa)			0.0001
HCFC (Class 1)	Unicharm Products Fukushima Factory	Refrigerant	Tons	2.6
	Unicharm Products Shizuoka Factory			3.6
	Unicharm Products Kyushu Factory (Fukuoka)			2.3
	Unicharm Products Shikoku Factory (Kagawa)			3.7
	Unicharm Kokko Nonwoven Co., Ltd. (Ehime/Kagawa)			0.65
	Unicharm Pet Care Co., Ltd. (Hyogo/Mie/Saitama)			0.93
	Peparlet Co., Ltd. (Shizuoka)			0.04
Unicharm (other development sites in Kagawa)	0.86			
CFC	Unicharm (other development sites in Kagawa)	Refrigerant	Tons	0.001

Note: Reported for Company properties based on the Act on Rational Use and Proper Management of Fluorocarbons

► Biochemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD) (Japan)

	Unit	2021	2022	2023
BOD	Tons	23.0	14.4	16.2
COD		20.5	9.8	18.6

Water Recycling-Oriented Society

Water Resources

► Water Usage (Water Withdrawal)\*1

	Unit	2021	2022	2023
Japan	Thousand m <sup>3</sup>	3,754	3,670	3,718
Overseas		1,080	1,082	1,103
<b>Total</b>	Thousand m <sup>3</sup>	<b>4,834</b>	<b>4,752</b>	<b>4,821</b>
Per unit of sales*2	Thousand m <sup>3</sup> / million yen	0.006	0.005	0.005

\*1 Some estimates and calculation methods have been revised since fiscal 2023. Accordingly, figures for fiscal 2022 and earlier have been retroactively recalculated.

\*2 Unit denominators are consolidated net sales.

► Water Usage by Source (Water Withdrawal) (Japan)\*3

	Unit	2021	2022	2023
Surface water (rivers, lakes, and ponds)	Thousand m <sup>3</sup>	155	157	152
Groundwater		760	697	660
Other water sources		2,840	2,816	2,906
<b>Total</b>	Thousand m <sup>3</sup>	<b>3,754</b>	<b>3,670</b>	<b>3,718</b>

Of these, locations that have specified facilities under the Water Pollution Control Law

	Unit	2021	2022	2023
Surface water (rivers, lakes, and ponds)	Thousand m <sup>3</sup>	7	6	4
Groundwater		385	406	389
Other water sources		2,840	2,816	2,906

\*3 Some estimates and calculation methods have been revised since fiscal 2023. Accordingly, figures for fiscal 2022 and earlier have been retroactively recalculated.

► Water Usage by Source (Water Withdrawal) (Overseas)\*4

	Unit	2021	2022	2023
Surface water (rivers, lakes, and ponds)	Thousand m <sup>3</sup>	1,003	960	1,009
Groundwater		42	79	61
Other water sources		36	43	33
<b>Total</b>	Thousand m <sup>3</sup>	<b>1,080</b>	<b>1,082</b>	<b>1,103</b>
Of these, areas with high water stress				
Surface water (rivers, lakes, and ponds)	Thousand m <sup>3</sup>	630	640	691
Groundwater		33	71	54
Other water sources		0	0	0

\*4 Some estimates and calculation methods have been revised since fiscal 2023. Accordingly, figures for fiscal 2022 and earlier have been retroactively recalculated.



### ▶ Wastewater\*1

	Unit	2021	2022	2023
Japan	Thousand m <sup>3</sup>	3,296	3,296	3,169
Overseas		1,070	1,075	1,080
<b>Total</b>	Thousand m <sup>3</sup>	<b>4,366</b>	<b>4,371</b>	📌 <b>4,249</b>
Per unit of sales*2	Thousand m <sup>3</sup> / million yen	0.006	0.005	0.005

\*1 For sites where wastewater volume is not measured, wastewater volume is considered to be equal to water withdrawal. Some estimates and calculation methods have been revised since fiscal 2023. Accordingly, figures for fiscal 2022 and earlier have been retroactively recalculated.

\*2 Unit denominators are consolidated net sales.

### ▶ Water Stress Score\*3

	Unit	2023
Extremely high	No. of factories	11
High		3
Moderate		10
Low		15

\*3 The latest version of the World Resources Institute (WRI) tool Aqueduct (Aqueduct Overall Water Risk Map) is used to ascertain water stress.

### ▶ Percentage of Water Withdrawal from Areas with High Water Stress\*4

	Unit	2021	2022	2023
Water withdrawal from areas with high water stress	Thousand m <sup>3</sup>	664	711	745
Percentage of water withdrawal from areas with high water stress	%	13.7	15.0	15.5

\*4 Some estimates and calculation methods have been revised since fiscal 2023. Accordingly, figures for fiscal 2022 and earlier have been retroactively recalculated.