

Non-Financial Data

Scope of Disclosure

The Data Book covers the NTT Group in its entirety. The scope of reporting for some sections are as follows.

[A] Main companies: NTT, NTT East, NTT West, NTT Communications, NTT DOCOMO, NTT DATA, NTT Facilities, NTT COMWARE, NTT Urban Solutions

[B] Domestic Group companies: 282

[C] Domestic and overseas Group companies: 964

[D] Main companies + operating companies

<Operating companies: 10> NTT East Group, 6 companies

(NTT EAST-HOKKAIDO, NTT EAST-TOHOKU, NTT EAST-KANSHINETSU, NTT EAST-MINAMIKANTO, NTT EAST SERVICE, NTT-ME)

NTT West Group, 4 companies

(NTT MARKETING ACT, NTT BUSINESS SOLUTIONS, NTT FIELDTECHNO, NTT BUSINESS ASSOCIE WEST)

[E] Companies subject to NTT Group plans to double the number of female managers

<[D] + the companies below: 23> NTT Urban Development, NTT FINANCE, NTT BUSINESS ASSOCIE, NTT BUSINESS ASSOCIE EAST, NTT Electronics,

NTT Advanced Technology, NTT LOGISCO, NTT ADVERTISING, NTT TechnoCross, InfoCom Research, NTT LEARNING SYSTEMS,

NTT TRAVEL SERVICE, NTT CLARUTY

Note: Unless specifically stated otherwise, the scope of environmental performance statistics refers to domestic companies.

Number of Board Members and Audit & Supervisory Board Members

As of March 31, 2023

		Scope of Disclosure	Unit	FY2018	FY2019	FY2020	FY2021	FY2022
Number of Board Members		NTT	People	12	15	8	8	10
Inside	Male			10	10	4	4	4
	Female			0	1	0	0	1
	Total			10	11	4	4	5
Outside independent	Male			2	3	3	3	3
	Female			0	1	1	1	2
	Total			2	4	4	4	5
Ratio of female Board Members		NTT	%	0	13.3	12.5	12.5	30.0
Number of Audit & Supervisory Board Members		NTT	People	5	5	5	5	6
Inside	Male			1	1	1	1	1
	Female			1	1	1	1	1
	Total			2	2	2	2	2
Outside independent	Male			2	2	2	2	3
	Female			1	1	1	1	1
	Total			3	3	3	3	4
Ratio of female Audit & Supervisory Board Members		NTT	%	40	40	40	40	33.3

Compensation of Board of Directors, Audit & Supervisory Board, Outside independent Audit & Supervisory Board Members, Members of the Board and Audit & Supervisory Board Members

As of March 31, 2023

		Scope of Disclosure	Unit	FY2018	FY2019	FY2020	FY2021	FY2022
Board of Directors	Number of meetings	NTT	—	13	11	13	15	14
	Attendance		%	99.1	100	99.3	99.0	99.1
	Outside independent board member attendance			100	100	100	98.3	98.5
Audit & Supervisory Board	Number of meetings	NTT	—	24	23	20	20	26
	Attendance		%	99.2	98.6	100	100	98.6
	Outside independent Audit & Supervisory Board member attendance			96.6	97.6	100	100	97.9
Appointment and Compensation Committee		NTT	—	1	5	5	6	—
Nomination Committee				—	—	—	2	5
Compensation Committee				—	—	—	1	1
Total compensation of members of the board and Audit & Supervisory Board members (Number of people) ^{*1-3}	Members of the board	NTT	Million yen	547 (13)	545 (11)	387 (12)	377 (4)	445 (7)
	Audit & Supervisory Board members		People	74 (2)	74 (2)	74 (3)	86 (2)	90 (3)
	Board and Outside Audit			75 (5)	97 (9)	105 (7)	121 (7)	173 (12)
	Total			696 (20)	719 (22)	566 (22)	584 (13)	708 (22)
Compensation of NTT's Independent auditors	Compensation for audit services	Consolidated	Million yen	4,433	5,106	4,891	5,053	5,704
	Compensation for non-audit services		299	267	344	392	398	
	Total		4,732	5,373	5,235	5,445	6,102	
The ratio of the compensation per director to the compensation per employee		NTT	—	5.3:1	4.3:1	4.7:1	5.9:1	5.5:1

*1 May include compensation to Board and Audit & Supervisory Board members who retired at the conclusion of the Ordinary General Meeting of Shareholders for the same fiscal year. *2 Total compensation of members of the board includes bonuses for each fiscal year.

*3 In addition to the above, may include bonuses received by members of the board who are also employees for their service as employees, depending on the fiscal year.

Employment in the NTT Group

			Scope of Disclosure	Unit	FY2018	FY2019	FY2020	FY2021	FY2022
Total number of employees			C	People	307,894	319,039	324,667	333,840	338,651
Employees by region	Domestic	179,902			183,824	186,228	185,778	184,190	
	Overseas	127,992			135,215	138,439	148,062	154,461	
	Percentage of overseas employees	41.6			42.4	42.6	44.4	45.6	
Number of employees by gender			Six main companies	People	—	—	49,189	49,721	45,474
	Male	—			—	38,023	38,285	33,988	
	Female	—			—	11,166	11,436	11,488	
	Percentage of female employees	—			—	22.7	23.0	25.2	
NTT			NTT	People	2,562	2,494	2,496	2,486	2,454
	Male	2,273			2,200	2,180	2,144	2,089	
	Female	289			294	316	342	365	
	Number of temporary employees included in the above	68			65	62	66	82	
Total managers ^{*1}			Six main companies	People	—	—	20,630	21,034	20,092
	Male	—			—	19,124	19,204	18,083	
	Female	—			—	1,506	1,830	2,009	
	Percentage of female managers	—			—	7.3	8.7	10.4	
Average age			NTT	Years	41.3	41.1	41.8	41.8	41.9
	Male	41.7			41.7	42.4	42.4	42.7	
	Female	37.6			37.1	37.7	37.7	37.9	
Average years of employment			NTT	Years	16.8	16.7	16.7	16.7	16.8
	Male	17.2			17.1	17.3	17.3	17.5	
	Female	13.5			13.3	12.9	12.7	12.8	
Average annual compensation			NTT	Yen	5,913,532	5,954,975	6,022,537	6,080,220	6,157,410
			A		6,449,078	6,520,047	6,544,513	6,561,798	6,615,690
Ratio of basic salary per employee and remuneration of women to men ^{*2}	Managers	Basic salary	D	—	—	1:1.02	1:1.02	1:1.02	1:1.03
		Remuneration			—	1:1.03	1:1.03	1:1.03	1:1.05
	Non-managerial employees	Basic salary			—	1:1.17	1:1.15	1:1.17	1:1.16
		Remuneration			—	1:1.17	1:1.15	1:1.17	1:1.16
Number of new graduate hires			A	People	1,721	1,877	2,025	2,232	2,150
	Male	1,170			1,270	1,361	1,499	1,414	
	Female	551			607	664	733	736	
	Percentage of female employees	32			32.3	32.8	32.8	34.2	
Number of foreign national hires			D	People	75	55	42	43	76
	Male	44			31	22	20	38	
	Female	31			24	20	23	38	
Ratio of employees with disabilities ^{*3}			NTT	%	2.7	2.7	2.69	2.80	2.79
			A		2.6	2.6	2.66	2.66	2.68
			B		2.4	2.4	2.45	2.47	2.51
Turnover rate (including mandatory retirement)	Turnover rate among all employees		D	%	6.1	9.9	7.1	6.7	9
	Turnover rate due to personal reasons				3.7	3.7	2.8	3.4	3.3
Continuous Employment of Employees at Retirement Age			D	People	14,000	10,000	11,000	11,000	11,000
Percentage of NWJ membership			B	%	84.8	79.4	79.4	78.1	77.2
Enhancing employee satisfaction			B	Points	3.8	3.79	3.9	—	—
Employee engagement			B	%	—	—	—	57	57

*1 Section manager level or higher *2 We have a single pay scale for men and women. Differences are due to age and job grade. *3 As of June 1 of the following year

Number of Employees Using Company Systems, Working Hours, etc.

		Scope of Disclosure	Unit	FY2018	FY2019	FY2020	FY2021	FY2022
Special leave (childbirth)		D	People	1,081	1,164	1,169	1,335	1,321
Number of employees taking childcare leave		D	People	2,370	2,394	2,568	2,804	3,159
Male	169			257	372	540	887	
Female	2,201			2,137	2,196	2,264	2,272	
Ratio that returned to work			%	98.1	99.2	99.2	99.3	99.1
Number of employees taking shortened working hours for childcare		D	People	2,530	2,042	2,687	2,251	371
Male	39			36	40	44	3	
Female	2,491			2,006	2,647	2,207	368	
Number of employees taking nursing care leave		D	People	94	58	83	73	79
Male	42			28	37	31	39	
Female	52			30	46	42	40	
Number of employees taking shortened working hours for nursing care		D	People	86	67	77	49	27
Male	36			31	34	20	14	
Female	50			36	43	29	13	
Number of days of leave taken		D	Days	19.3	17.7	16.6	17.7	18.3
Working hours	Total hours actually worked	D	Hours	1,933	1,906	1,950	1,831	2,092
	Average annual overtime hours		Hours	266	276	296	242	262
	Overtime hours		Hours	—	17.5	18	20.2	21.9
	Overtime pay		Yen	—	48,180	57,096	62,160	65,940
Number of employees taking leave for mental health		A	People	1,550	1,815	1,738	2,335	2,552
Male	1,202			1,323	1,227	1,551	1,620	
Female	348			492	511	784	932	
Number of industrial accidents		A	Cases	36	71	28	27	30
Operational accidents	8			7	2	8	6	
Commuting accidents	28			64	26	19	24	
Frequency rate	—		0.09	0.11	0.02	0.09	0.07	
Number of accidents causing injury or death during construction work*		A	Cases	3	2	1	4	0
Implementation rate of specified health guidance		B	%	21.90	20.60	21.9	20.2	20.1
Completion rate of specified health guidance		B	%	33.30	40.20	32.8	32.9	26.8

* Construction by partner companies and directly managed construction

Status of Human Rights Initiatives

	Scope of Disclosure	Unit	FY2018	FY2019	FY2020	FY2021	FY2022
Number of confirmed cases of human rights violations	B	Cases	24	29	33	21	32

Status of Human Resources Development

	Scope of Disclosure	Unit	FY2018	FY2019	FY2020	FY2021	FY2022	
Average annual training	B	Hours per employee	Hours	28.0	30.0	24.0	34.0	38.0
		Cost per employee	Ten thousand yen	10.9	11.3	9.1	9.0	10.3
Job challenge / Job offering	B	Use	People	297	296	199	264	179
		Transfer		113	107	86	106	86
Number of qualified employees (cumulative total)	B	People	38,437	48,564	48,754	51,185	56,200	

Status of Supply Chain Initiatives

	Unit	FY2018	FY2019	FY2020	FY2021	FY2022	
Percentage of critical suppliers that we sent CSR surveys (SAQ) to, and percentage that were responded to	Sent	%	100	100	100	100	100
	Responded	%	98	100	100	100	92.9
Number of recognized high-risk suppliers	Cases	0	0	0	0	0	
Percentage of issues recognized as actual risks that were corrected at suppliers	%	100	100	100	100	100	
Percentage of employees in procurement trained on ESG	Sent	%	100	100	100	100	100

Reports to the corporate ethics help line by type of violation

		2018			2019			2020			2021			2022		
		Number of Reports		Warnings	Number of Reports		Warnings	Number of Reports		Warnings	Number of Reports		Warnings	Number of Reports		Warnings
		Disciplinary actions			Disciplinary actions			Disciplinary actions			Disciplinary actions			Disciplinary actions		
Overall	Number of Reports	334	18 (1)	77	342	35 (3)	81	346	16 (1)	33	314	27 (2)	14	422	21	20
	Compliance Violations	95	18 (1)	77	116	35 (3)	81	49	16 (1)	33	41	27 (2)	14	41	21	20
	Violation of Internal Rules	95	18 (1)	77	116	35 (3)	81	49	16 (1)	33	41	27 (2)	14	41	21	20
	Violation of Laws and Regulations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	No Violation	239	—	—	226	—	—	297	—	—	273	—	—	256	—	—
Harassment	Number of Reports	184	10 (1)	34	210	19	48	203	11 (1)	11	197	15	6	258	15	9
	Compliance Violations	44	10 (1)	34	67	19	48	22	11 (1)	11	21	15	6	24	15	9
	Violation of Internal Rules	44	10 (1)	34	67	19	48	22	11 (1)	11	21	15	6	24	15	9
	Violation of Laws and Regulations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	No Violation	140	—	—	143	—	—	181	—	—	176	—	—	167	—	—
Misconduct	Number of Reports	44	2	10	45	7 (1)	14	60	2	11	48	3	2	81	3	6
	Compliance Violations	12	2	10	21	7 (1)	14	13	2	11	5	3	2	9	3	6
	Violation of Internal Rules	12	2	10	21	7 (1)	14	13	2	11	5	3	2	9	3	6
	Violation of Laws and Regulations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	No Violations (Bribery, Accounting Fraud, Disguised Contracting, etc.)	32	—	—	24	—	—	47	—	—	43	—	—	47	—	—
Violation of the rules of employment	Number of Reports	39	1	16	23	2	9	21	1	6	14	2	2	20	0	0
	Compliance Violations	17	1	16	11	2	9	7	1	6	4	2	2	0	0	0
	Violation of Internal Rules	17	1	16	11	2	9	7	1	6	4	2	2	0	0	0
	Violation of Laws and Regulations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	No Violation	22	—	—	12	—	—	14	—	—	10	—	—	12	—	—
Fraud (personal use of company funds)	Number of Reports	28	3	5	39	6 (2)	6	19	2	2	16	5 (1)	2	31	1	2
	Compliance Violations	8	3	5	12	6 (2)	6	4	2	2	7	5 (1)	2	3	1	2
	Violation of Internal Rules	8	3	5	12	6 (2)	6	4	2	2	7	5 (1)	2	3	1	2
	Violation of Laws and Regulations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	No Violation	20	—	—	27	—	—	15	—	—	9	—	—	11	—	—
Other	Number of Reports	39	2	12	25	1	4	43	0	3	39	2 (1)	2	32	2	3
	Compliance Violations	14	2	12	5	1	4	3	0	3	4	2 (1)	2	5	2	3
	Violation of Internal Rules	14	2	12	5	1	4	3	0	3	4	2 (1)	2	5	2	3
	Violation of Laws and Regulations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	No Violation	25	—	—	20	—	—	40	—	—	35	—	—	19	—	—

* Numbers in parentheses indicate dismissals

The Whistleblowing Mechanism Guidelines, revised in December 2016 by the Consumer Affairs Agency, recommend that neutral and fair third-party assessments be carried out. We had such an assessment carried out in May 2017 and received the comment that overall, a whistleblowing mechanism is in place and is being administered appropriately.

Details of assessment • Investigation of the mechanism and operational status of the help line in order to verify its effectiveness in terms of utilization and reliability. • Sample survey on the establishment of regulations and responses to whistleblowers, etc.

• Confirmation of compliance with the Whistleblowing Mechanism Guidelines. • Interviews with administrators and discussion about operational issues.

Disciplinary Actions against Confirmed Violations A compliance violation or breach of the NTT Group Corporate Ethics Charter is dealt with using the disciplinary measures taken in accordance with the disciplinary code established at each Group company. This includes pay cuts and work suspension, and may also be reflected in assessments (evaluations) and personnel transfers.

Safe, Secure, and Resilient Society Related Indicators

			Results				
			FY2018	FY2019	FY2020	FY2021	FY2022
Reinforce information security	Suspension of telecommunications services due to cyber attacks from the outside ^{*1}	Number of service suspensions	—	0	0	0	0 ^{*1}
Ensure Stability and Reliability of Communications Services ^{*2}	Provide stable telecommunications services free of major communications problems	Number of major accidents ^{*3}	0	0	2	1	3

*1 Targets of statistics: Domestic (1 case if including overseas)

*2 Targets of statistics: Four telecommunications business companies (NTT East, NTT West, NTT Communications, and NTT DOCOMO)

*3 Number of accidents that led to a suspension of telecommunications services or a decline in communications quality that meet the following criteria regarding duration and number of people affected:

- Emergency call services (110, 119, etc.): at least 1 hour affecting at least 30,000 users
- Voice services other than emergency calls: at least 2 hours affecting at least 30,000 users, or at least 1 hour affecting at least 100,000 users
- Internet-related services (free of charge): at least 12 hours affecting at least 1 million users, or at least 24 hours affecting at least 100,000 users
- Other services: more than 2 hours affecting 30,000 users, or more than one hour affecting 1 million users

Greenhouse Gas Emissions

Scope, Category	Scope and method of calculation	Emissions (ten thousand tons)				
		FY2018	FY2019	FY2020	FY2021	FY2022
GHG emissions (Scope 1 + 2 + 3)	—	2,835	2,811	2,622	2,372	2,202
Scope 1 (direct emissions)	—	25	25	24	14	17
Scope 2 (indirect emissions from energy use)	—	447	436	375	276	237
Scope 3 (indirect emissions from the value chain)	—	2,363	2,350	2,223	2,082	1,949
Category 1 Purchased goods and services	Calculation based on the number of units and monetary value of purchases of devices and services sold to customers	741	599	624	455	394
Category 2 Capital goods	Calculation based on capital investment costs on telecommunications and other equipment	591	628	554	456	487
Category 3 Fuel- and energy-related activities not included in Scope 1 or 2	Calculation based on annual consumption by energy type	197	267	275	331	362
Category 4 Upstream transportation and distribution	Calculation based on weight and distance, or number of devices with regard to the transport of devices sold to customers	8	5	8	8	9
Category 5 Waste generated in operations	Calculation based on volume of waste by type	1	1	1	1	1
Category 6 Business travel	Calculation based on paid expenses for business travel	10	19	4	3	11
Category 7 Employee commuting	Calculation based on paid expenses for employee commuting	6	7	3	4	10
Category 8 Upstream leased assets ^{*1}	1Excluded from calculation ^{*1}	—	—	—	—	—
Category 9 Downstream transportation and distribution ^{*2}	Excluded from calculation ^{*2}	—	—	—	—	—
Category 10 Processing of sold products ^{*3}	Excluded from calculation ^{*3}	—	—	—	—	—
Category 11 Use of sold products	Calculation based on number of service subscriptions, number of devices and monetary value of telecommunications services and devices used by customers	706	735	668	649	497
Category 12 End-of-life treatment of sold products	Calculation based on number of service subscriptions, number of devices and monetary value of communications devices used by customers	5	5	4	4	3
Category 13 Downstream leased assets	Calculation based on amount of electricity consumption such as equipment by other businesses Calculation based on average use of leased assets	87	75	74	164	169
Category 14 Franchises	Calculation based on total floor area of sales franchises	11	9	8	8	7
Category 15 Investments ^{*4}	Excluded from calculation ^{*4}	—	—	—	—	—

*1 We have excluded Category 8 (upstream leased assets) from the calculation because the fuel and electricity used by leased assets is included in Scope 1 and 2 calculations.

*2 We have excluded Category 9 (downstream transportation and distribution) from the calculation because these emissions are almost entirely from our own transportation and use in our own facilities (included in Scope 1 and 2) or from outsourced transportation (included in Category 4).

*3 We have excluded Category 10 (processing of sold products) from the calculation because our main businesses involve no processing of intermediate products.

*4 From FY2022, the method that had been used to record emissions as Category 15 was changed to record emissions as Category 3. Accordingly, the method for recording has been applied to data before FY2021, and the figures have been amended.

Environmental Performance Data

		Unit	FY2018	FY2019	FY2020	FY2021	FY2022	
Status of ISO 14001 Certification Acquisition (employee coverage)		%	45.1	46.5	49.5	46.5	43.3	
		Unit	FY2018	FY2019	FY2020	FY2021	FY2022	
			Domestic	Domestic	Domestic	Domestic	Domestic	Including overseas ^{*4}
Direct Greenhouse Gas Emissions (Scope 1)		ten thousand tons of CO ₂	16.4	13.8	13.1	12.2	11.9	16.6
Indirect Greenhouse Gas Emissions (Scope 2) ^{*2}		ten thousand tons of CO ₂	329	306	287	236	200	237
CO ₂ Emissions from Business Operations ^{*1, *2}	Total CO ₂ emissions		344	319	298	247	210	251
	Breakdown	Use of electricity	325.9	303.1	283.9	233.3	197.9	235.3
		Use of gas and fuel	11.8	10.1	9.6	9	8.5	11.9
		Use of vehicle operation	3.1	2.7	2.1	2	1.8	2.5
		Use of heat	2.9	3	2.9	2.8	1.6	1.6
Greenhouse Gas Emissions other than CO ₂ Emissions (CO ₂ emissions-equivalent)	Total GHG emissions other than CO ₂		1.6	1.1	1.4	1.2	1.6	2.2
	Breakdown	CH ₄ (methane)	0.2	0.2	0.2	0.2	0.2	0.2
		N ₂ O (nitrous oxide)	0.2	0.2	0.1	0.1	0.1	0.2
		HFC	0.7	0.6	0.9	0.8	1.1	1.5
		PFC	0.4	0.05	0.1	0.1	0.1	0.2
		SF ₆ (sulphur hexafluoride)	0.1	0.04	0.1	0.1	0.1	0.1
		NF ₃ (nitrogen trifluoride)	0.0	0.0	0.0	0.0	0.0	0.0
Electric Power Consumption	Electricity purchased ^{*2}		65.4	65.9	66.7	68.6	68.6	80.3
	Renewable energy, new energy consumption		0.7	0.7	3.1	13.7	21.8	26.7
Total amount of non-renewable energy used ^{*2, *3}		hundred million kwh	74.3	73.8	74.1	75.5	75.3	86.9

*1 The CO₂ emissions from business operations exclude emissions of greenhouse gases other than CO₂.

*2 The NTT Group provides equipment and the like necessary for other telecommunications carriers and data center providers to carry out their businesses. To date, we have included the fuel and electricity required for this equipment in our disclosed emission and consumption volumes in accordance with reporting methods outlined by the Act on Promotion of Global Warming Countermeasures. However, as calculation methods have been established based on the Ministry of the Environment's Basic Guidelines on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain (Ver. 2.3), we have adopted these for calculating the above CO₂ emissions as Scope 3. Emission amounts calculated using the previous method have been placed within parentheses. Similarly, for amounts of electricity purchased and total amount of non-renewable energy, from fiscal 2018 onward we are excluding the amount consumed by other telecommunications carriers and data center providers, and values calculated using the previous method will be placed within parentheses, and we have adopted these for calculating the above CO₂ emissions as Scope 3 from fiscal 2019.

*3 For the total amount of non-renewable energy used, the volume of fuels such as gasoline and utility gas consumed have been converted into Wh values and added to the amount of electricity purchased.

*4 Disclosure Boundary [C]

* Disclosure Boundary: Boundary [B]

Environmental Performance Data

		Unit	FY2018	FY2019	FY2020	FY2021	FY2022		
Waste and Final Disposal Waste	Total Waste		ten thousand tons	56.2	74.4	46.9	47.6	51.0	
	Recycling rate ^{*1, *2}		%	98.9	98.7	98.4	97.8	98.2 (95.9)	
	Recycling	Total amount of recycling ^{*2}		ten thousand tons	55.6	73.5	46.2	46.5	50.0 (48.9)
		Breakdown	Recycled decommissioned telecommunications equipment	ten thousand tons	17.6	14.6	14.0	12.3	10.2
			Recycled construction works waste	ten thousand tons	22.3	32.5	18.5	18.4	26.2
			Recycled civil engineering works waste	ten thousand tons	11.5	22.8	10.6	13.0	10.8
			Recycled office waste	ten thousand tons	3.0	2.7	2.4	2.2	2.1
			Others	ten thousand tons	1.2	0.9	0.7	0.7	0.7
	Amount of waste reduced by incineration		ten thousand tons	0.10	0.10	0.09	0.09	0.04	
Amount of final disposal waste		ten thousand tons	0.5	0.8	0.6	1.0	0.9		
Final Disposal Ratio ^{*3}	All waste		%	0.91	1.13	1.38	2.02	1.73	
	Recycled decommissioned telecommunications equipment		%	0.05	0.06	0.19	0.12	0.09	
Asbestos Removed from NTT Group Facilities	Total amount of asbestos removed		t	6	52	73	33	52	
	Breakdown	Buildings	t	4	19	68	31	45	
		Bridges	t	2	32	6	2	7	
Use of Water Resources	Water use (total volume of tap water and sewage, recycled water, and rainwater use)		ten thousand m ³	1,206.6	1,104.4	993.8	926.4	894.3	
	Water Withdrawal (tap water)		ten thousand m ³	627.5	583.4	514.2	475.1	463.5	
	Volume of recycled wastewater and rainwater	Reused	ten thousand m ³	48.9	16.7	35.8	37.5	37.1	
		Reuse rate ^{*4}	%	7.2	2.8	6.5	7.3	7.4	
	Sewage		ten thousand m ³	530.2	504.3	443.9	413.8	393.7	
Virgin Pulp Consumption	Total		ten thousand tons	1.4	1.2	0.8	0.6	0.6	
	Breakdown	Telephone directories	ten thousand tons	0.9	0.7	0.4	0.3	0.3	
		Telegrams	ten thousand tons	0.02	0.02	0.01	0.01	0.01	
		Office paper	ten thousand tons	0.2	0.2	0.1	0.1	0.1	
		Billing statements	ten thousand tons	0.3	0.3	0.3	0.2	0.2	
Paper Consumption Reductions from Web Billing Service	Number of users		ten thousand	3,371	3,364	3,201	2,841	3,542	
	Paper consumption reductions		t	3,082	2,981	2,871	2,527	3,015	

*1 Recycling rate: Recycling/Total waste

*2 The amount of recycling up to FY2021 includes thermal recycling. From 2022, the amount of recycling without thermal recycling is calculated and shown in ().

*3 Final disposal ratio: Amount of final disposal waste/Total waste

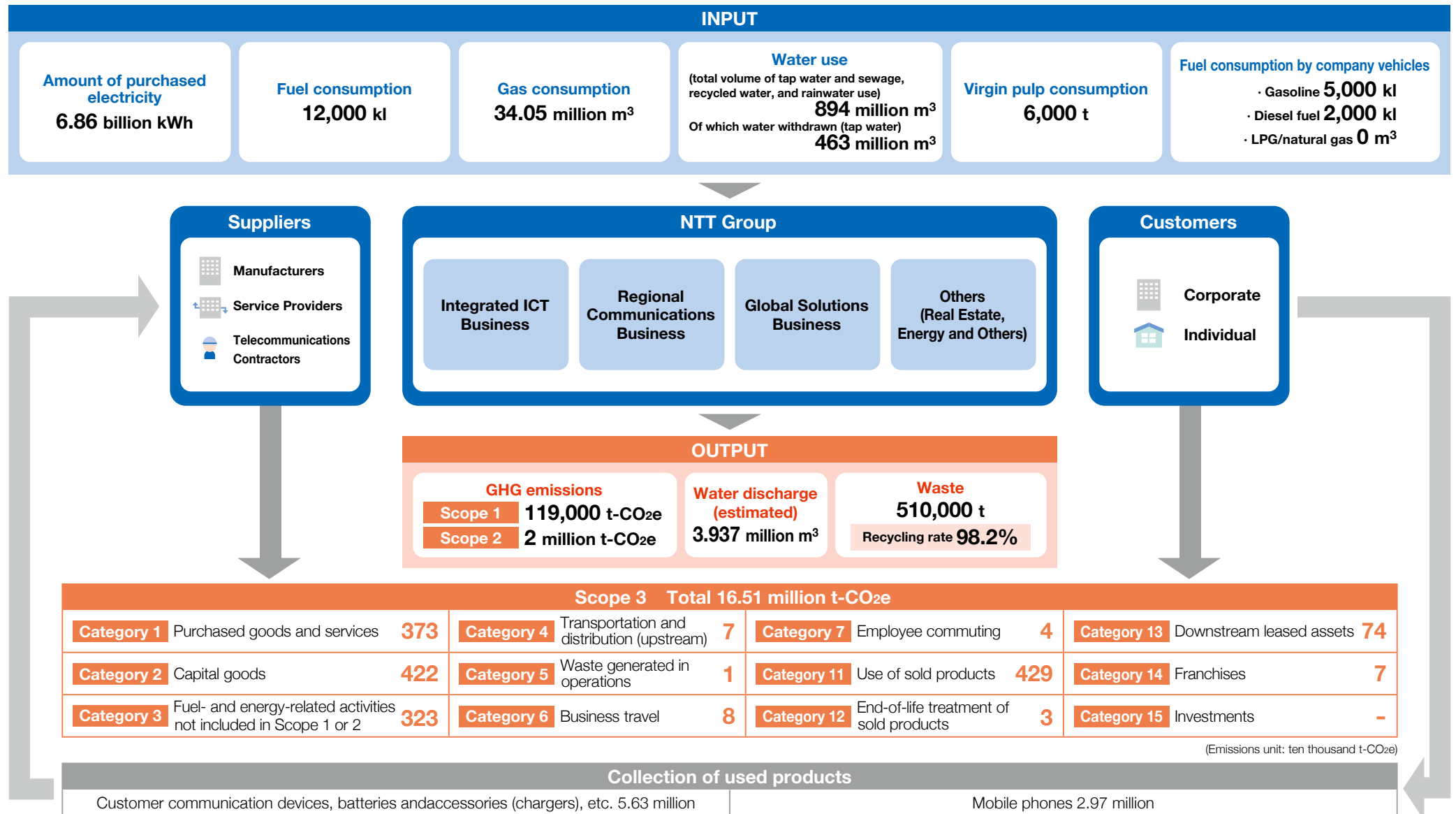
*4 The reuse rate shown up to fiscal 2017 corresponds to the total volume of tap water and sewage, recycled water, and rainwater used, while the reuse rate from fiscal 2018 onward corresponds to the total volume of tap water, recycled water, and rainwater.

* Disclosure Boundary: Boundary [B]

Material Balance of the NTT Group (Fiscal 2022)

Relevant GRI standards: 301-1/302-1/303-3,4/305-1,2,3/306-1,2

To minimize the environmental impacts of our business activities, the NTT Group endeavors to gather and analyze information on the resources and energy that it consumes and the resulting environmental impacts.



* Disclosure Boundary: Boundary [B]