









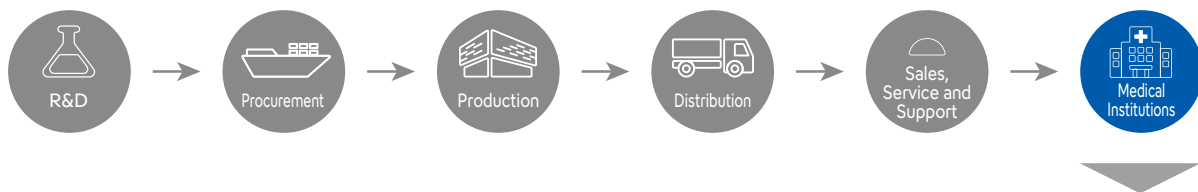







Performance Data

Environmental Data

INPUT			
	Fiscal 2022	Fiscal 2023	Fiscal 2024
 Electricity (MWh)	54,466	52,965	55,218
 City gas (thousand m ³)	1,585	1,415	1,416
 LPG (t)	17	15	11
 LNG (t)	0	0	0
Heavy oil (kL)	0	0	0
 Kerosene (kL)	1	1	1
Diesel oil (kL)	19	19	19
 Gasoline for fleet in Japan (kL)	3,116	3,432	3,674
 Diesel for fleet in Japan (kL)	1,200	1,172	782
 Water use volume (thousand m ³)	501	542	558
 Office paper (t)	34	22	23
 PRTR (t)	0	0	0

Systemex's Business Activities



OUTPUT			
	Fiscal 2022	Fiscal 2023	Fiscal 2024
Greenhouse gas emissions (Scope 1) (t-CO ₂)	13,986	13,925	13,449
 Greenhouse gas emissions (Scope 2) (t-CO ₂)	15,200	6,706	6,183
Greenhouse gas emissions (Scope 3) (t-CO ₂)	587,575	564,191	581,743
 Waste emissions (t)	3,682	2,832	3,040
 Recycling rate (%)	80	80	81
 Wastewater volume (thousand m ³)	303	254	292
 PRTR (t)	0	0	0

Item	Content		Unit	Fiscal 2020	
INPUT	Energy consumption	Consumption of non-renewable energy	Electricity (non-renewable)	MWh	42,287
			City gas	1,000 m ³	1,212
			LPG	t	16
			LNG	t	0
			Heavy oil	kL	0
			Kerosene	kL	1
			Diesel oil	kL	13
		Consumption of renewable energy	Electricity (renewable)	MWh	5,871
		Consumption of other non-renewable energy	Gasoline (fleet)	kL	518
			Diesel oil (fleet)		10
	Total consumption (non-renewable energy)		MWh	137,723	
Total consumption		GJ	516,936		
Water use volume	Groundwater	1,000 m ³	86		
	Purchased water		366		
	Total volume		452		
Amount of office paper used		t	30		
PRTR input		t	0		
OUTPUT	Greenhouse gas emissions Scope 1	CO ₂ emissions of energy consumption from stationary combustion sources	t-CO ₂	2,807	
		CO ₂ emissions from fleet		1,227	
		Total emissions		4,034	
	Greenhouse gas emissions Scope 2	Total emissions	t-CO ₂	15,476	
	Scopes 1 + 2	Total emissions	t-CO ₂	19,510	
	Greenhouse gas emissions Scope 3	Total emissions	t-CO ₂	—	
	Waste emissions	Total emissions	t	2,529	
		Total emissions (excluding sales offices in Japan)	t	2,411	
		Waste used for material recycling		1,711	
		Recycled waste (including energy recovery)		1,884	
		Total amount of waste disposal		527	
		Material recycling rate		%	71
		Recycling rate (including energy recovery)		78	
	Wastewater volume	Total emissions		1,000 m ³	270
PRTR output	Emissions	t	0		
	Transfers		0		
Compliance	Violations of environmental regulations (e.g., air and water pollution)	Total amount of large fines	100 million yen		
		Number of sanctions other than fines	Cases		
	Significant spills and losses of chemical substances	Total number of cases	Cases		
		Total leakage volume	t		

*1 Coverage is calculated based on the number of employees.

*2 The boundary of GHG emissions for entities consolidated under the financial control criterion.

*3 Conversion factors and emission factors are based on the "Act on Promotion of Global Warming Countermeasures".

*4 Japan: Adjusted emission factors from the list of emission factors for each electric power company released in accordance with the "Act on Promotion of Global Warming Countermeasures" (For submission in 2025)
Other countries: 2021 emission factors from the IEA Emission Factors 2023, IEA

Fiscal 2021	Fiscal 2022	Fiscal 2023	Fiscal 2024	Fiscal 2024 Coverage*1	Calculation Method and Other Note
42,970	45,778	16,787	15,574	99%*2	—
1,238	1,585	1,415	1,416		—
19	17	15	11		—
0	0	0	0		—
0	0	0	0		—
1	1	1	1		—
0	19	19	19		—
6,085	8,688	36,178	39,644		—
502	3,116	3,432	3,674		—
8	1,200	1,172	782		—
139,661	188,850	153,747	153,265		Total consumption = Σ (consumption by energy type \times conversion factor*3)
524,686	711,139	683,731	694,470	83%	—
96	90	103	130		—
391	410	439	428		—
487	501	542	558		—
28	34	22	23	27%	—
0	0	0	0	38%	The amount of PRTR substances handled at business sites that handle chemicals in Japan
2,836	3,649	2,994	2,987	99%*2	Emissions = Σ (fuel consumption \times CO ₂ emission factor*3)
1,187	10,337	10,931	10,462		
4,023	13,986	13,925	13,449		Emissions = Σ (purchased electricity consumption \times CO ₂ emission factor*4) + Σ (purchased steam consumption \times CO ₂ emission factor*3)
15,901	15,200	6,706	6,183		
19,924	29,186	20,632	19,632	—	—
—	587,575	564,191	581,743	—	—
2,796	3,682	2,832	3,040	90%	Waste emissions = general waste emissions + industrial waste emissions
2,689	3,537	2,690	2,941	84%	—
1,929	2,445	1,777	1,880		Amount of waste converted into valuables as a result of a third-party process. Includes waste converted into fuel (such as RPF)
2,130	2,838	2,145	2,368		Amount of waste reused, used for material recycling, or used for energy recovery (thermal recycling)
559	699	545	572		Total amount of waste disposal = total emissions - recycled waste (including energy recovery)
72	69	66	64		—
79	80	80	81		—
273	303	254	292		83%
0	0	0	0	38%	Amount of PRTR emitted from business sites that handle chemicals in Japan
0	0	0	0		Amount of PRTR transferred from business sites that handle chemicals in Japan
0	0	0	0	100%	—
0	0	0	0		—
0	0	0	0		—
0	0	0	0		—

Scope3	FY2022 (t-CO ₂)	FY2023 (t-CO ₂)	FY2024 (t-CO ₂)
Category 1: Purchased goods and services	202,046	190,948	219,743
Category 2: Capital goods	103,273	124,569	118,261
Category 3: Fuel- and energy-related activities (not included in scope 1 or scope 2)	9,734	7,699	7,851
Category 4: Upstream transportation and distribution	87,270	69,164	72,326
Category 5: Waste generated in operations	4,588	5,648	5,774
Category 6: Business travel	1,084	1,197	1,245
Category 7: Employee commuting	2,352	2,595	2,699
Category 8: Upstream leased assets	0	0	0
Category 9: Downstream transportation and distribution	6,911	6,916	7,233
Category 10: Processing of sold products	0	0	0
Category 11: Use of sold products	154,796	139,649	130,042
Category 12: End-of-life treatment of sold products	15,491	15,795	16,558
Category 13: Downstream leased assets	0	0	0
Category 14: Franchises	0	0	0
Category 15: Investments	31	10	11
Total emissions	587,575	564,191	581,743

Global Core Indicators

Quantitative assessment of natural capital as recommended by TNFD

Indicator number	Factors of natural change	Measurement details	Unit	FY2024
—	Climate change	GHG Emissions Scope 1	t-CO ₂	13,449
		GHG Emissions Scope 2	t-CO ₂	6,183
		GHG Emissions Scope 3	t-CO ₂	581,743
C1.0	Land use change	Total area managed by the Sysmex group (status of major facilities described in the annual securities report)	m ²	401,621
C2.1	Pollution	Water Drainage	1,000 m ³	292
C2.2		Total Waste Emissions	t	3,040
C2.3		Recycling of containers and packaging materials and utilization rate of environmentally friendly materials	%	62
C2.4		PRTR emissions at domestic chemical sites	t	0
C3.0	Resource Use /Replenishment	Water withdrawals in water-stressed areas	1,000 m ³	97

Environmental Performance Data by Business Region

Quantitative assessment of dependency and impact

