










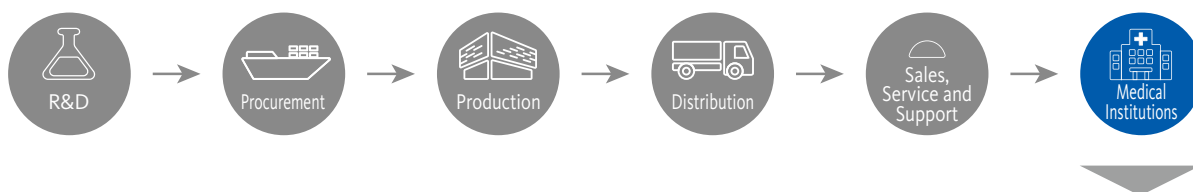
Performance Data






Environmental Data

Material Balance ※

INPUT			
	Fiscal 2020	Fiscal 2021	Fiscal 2022
 Electricity (thousand kWh)	48,158	49,055	53,877
 City gas (thousand m ³)	1,212	1,238	1,542
 LPG (t)	16	19	17
 LNG (t)	0	0	0
Heavy oil (kL)	0	0	0
 Kerosene (kL)	1	1	1
Diesel oil (kL)	13	0	19
 Gasoline for fleet in Japan (kL)	518	502	3,116
Diesel for fleet in Japan (kL)	10	8	809
 Water use volume (thousand m ³)	452	487	501
 Office paper (t)	30	28	34
 PRTR (t)	0	0	0

Sysmex's Business Activities



OUTPUT			
	Fiscal 2020	Fiscal 2021	Fiscal 2022
Greenhouse gas emissions (Scope 1) (t-CO ₂)	4,034	4,023	12,888
 Greenhouse gas emissions (Scope 2) (t-CO ₂)	15,476	15,901	15,017
Greenhouse gas emissions (Scope 3) (t-CO ₂)	—	412,714	437,714
 Waste emissions (t)	2,529	2,796	3,646
 Recycling rate (%)	78	79	80
 Wastewater volume (thousand m ³)	270	273	303
 PRTR (t)	0	0	0

※ The scope of target business sites expanded in fiscal 2022.

Performance Data

Environmental Performance Data

Item	Content		Unit	Fiscal 2016	Fiscal 2017	Fiscal 2018	
INPUT	Energy consumption	Consumption of non-renewable energy	Electricity (non-renewable)	1,000 kWh	37,193	38,399	40,670
			City gas	1,000 m ³	1,474	600	1,097
			LPG	t	21	24	19
			LNG	t	0	0	57
			Heavy oil	kL	0	35	0
			Kerosene	kL	31	29	29
			Diesel oil	kL	21	17	38
	Consumption of renewable energy	Electricity (renewable)	1,000 kWh	210	1,302	1,288	
	Consumption of other non-renewable energy	Gasoline (fleet)	kL	734	689	619	
		Diesel oil (fleet)		GJ	23	18	
Total consumption			GJ	467,211	443,548	488,089	
Water use volume	Groundwater	1,000 m ³	58	53	65		
	Purchased water		348	365	384		
	Total volume		406	418	449		
Amount of office paper used			t	42	45	38	
PRTR input			t	0	0	0	
OUTPUT	Greenhouse gas emissions Scope 1 ^{**3}	CO ₂ emissions of energy consumption from stationary combustion sources	t-CO ₂	3,559	1,749	2,964	
		CO ₂ emissions from fleet		1,768	1,661	1,483	
		Total emissions		5,327	3,410	4,447	
	Greenhouse gas emissions Scope 2 ^{**3}	Total emissions	t-CO ₂	19,201	20,438	19,385	
Scopes 1 + 2	Total emissions	t-CO ₂	24,528	23,848	23,832		
Greenhouse gas emissions Scope 3 ^{**3}	CO ₂ emissions of Upstream transportation and distribution	t-CO ₂	19,573	16,711	21,571		
Waste emissions	Total emissions		t	2,106	1,482	2,255	
	Total emissions (excluding sales offices in Japan)		t	1,436	1,361	2,117	
	Waste used for material recycling			814	1,044	1,264	
	Recycled waste (including energy recovery)			1,309	1,213	1,617	
	Total amount of waste disposal			128	148	500	
	Material recycling rate			%	57	77	60
	Recycling rate (including energy recovery)		%	91	89	76	

Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2022 Coverage ^{**2}	Scope ^{**1}	Calculation Method and Other Note
44,551	42,287	42,970	45,188	95%	Major business locations, instrument factories, reagent factories, sales offices, and other business sites in Japan; major business locations, factories, and other business sites in other countries	
1,108	1,212	1,238	1,542			
19	16	19	17			
0	0	0	0			
0	0	0	0			
24	1	1	1			
24	13	0	19			
6,704	5,871	6,085	8,688			
604	518	502	3,116			
10	10	8	809			
542,184	516,936	524,686	688,589		Total consumption = Σ (consumption by energy type × conversion factor ^{**4})	
75	86	96	90	72%	Major business locations, instrument factories, reagent factories in Japan; major business locations, factories, and other business sites in other countries	Groundwater intake
437	366	391	410			
512	452	487	501			
36	30	28	34	30%	Major business locations, instrument factories, reagent factories in Japan	
0	0	0	0	37%	Major business locations, instrument factories, reagent factories, sales offices, and other business sites in Japan	The amount of PRTR substances handled at business sites that handle chemicals in Japan
2,665	2,807	2,836	3,560	95%	Major business locations, instrument factories, reagent factories, sales offices, and other business sites in Japan; major business locations, factories, and other business sites in other countries	Emissions = Σ (fuel consumption × CO ₂ emission factor ^{**4})
1,428	1,227	1,187	9,328			
4,093	4,034	4,023	12,888			
21,710	15,476	15,901	15,017			Emissions = Σ (purchased electricity consumption × CO ₂ emission factor ^{**5}) + Σ (purchased steam consumption × CO ₂ emission factor ^{**4})
25,803	19,510	19,924	27,905			
18,547	16,691	26,033	21,698	—	Sysmex Corporation	Emissions = Σ (freight weight × transport distance × CO ₂ emissions intensity ⁶) Shipment in Japan: CO ₂ emissions due to physical distribution from warehouses in Japan to customers and others in Japan (including branches and sales offices) Overseas shipment: CO ₂ emissions due to physical distribution from warehouses in Japan to ports and airports in other countries ※ Excludes domestic shipments from headquarters parts centers (to ports and airports)
2,722	2,529	2,796	3,646	79%	Major business locations, instrument factories, reagent factories, sales offices, and other business sites in Japan; major business locations, factories, and other business sites in other countries	Waste emissions = general waste emissions + industrial waste emissions
2,591	2,411	2,689	3,537			
1,560	1,711	1,929	2,445			Amount of waste converted into valuables as a result of a third-party process. Includes waste converted into fuel (such as RPF)
1,744	1,884	2,130	2,838			Amount of waste reused, used for material recycling, or used for energy recovery (thermal recycling)
847	527	559	699			Total amount of waste disposal = total emissions - recycled waste (including energy recovery)
60	71	72	69			
67	78	79	80			

Item	Content		Unit	Fiscal 2016	Fiscal 2017	Fiscal 2018
OUTPUT	Wastewater volume	Total emissions	1,000 m ³	189	273	292
	PRTR output	Emissions	t	0	0	0
		Transfers		0	0	0
Compliance	Violations of environmental regulations (e.g., air and water pollution)	Total amount of large fines	100 million yen	0	0	0
		Number of sanctions other than fines	Cases	0	0	0
	Significant spills and losses of chemical substances	Total number of cases	Cases	0	0	0
		Total leakage volume	t	0	0	0

- ※ 1 The results for each fiscal year represent the total results of the target business sites for the fiscal year. The scope of target business sites expanded in fiscal 2022. Listed below are the target business sites for fiscal 2022.
Major business locations in Japan: Sysmex Corporation (Head Office, Technopark, and Solution Center)
Instrument factories in Japan: Sysmex Corporation (Kakogawa Factory and i-Square), Sysmex Medica, and Sysmex RA
Reagent factories in Japan: Sysmex Corporation (Ono Factory and Seishin Factory)
Sales offices in Japan: Sysmex Corporation (Tokyo Office and other 20 branches)
Other business sites in Japan: Sysmex Corporation (Research and Development Center and 6 other sites)
Major business locations in other countries: Sysmex Europe, Sysmex Deutschland, Sysmex America, Sysmex Shanghai, and Sysmex Asia Pacific
Major factories in other countries: Sysmex Europe, Sysmex do Brazil, Sysmex Reagents America, Sysmex India, Sysmex Asia Pacific, Jinan Sysmex Medical Electronics, Sysmex Wuxi, Sysmex Partec, Sysmex Inostics, HYPHEN BioMed, Oxford Gene Technology and Sysmex Production RUS
Other business sites in other countries: Sysmex UK, and 29 other sites
- ※ 2 Coverage is calculated based on the number of employees.

Greenhouse gas emissions (Scope 3)

Scope3	FY2022 (t-CO ₂)	Boundary
Category 1: Purchased goods and services	143,375	Sysmex major instruments, reagents, and office supplies
Category 2: Capital goods*	103,273	Entire Group
Category 3: Fuel- and energy-related activities (excluded from Scope 1 and 2)	6,422	Entire Group
Category 4: Upstream transportation and distribution	21,698	Domestic transportation and transportation from Japan to other countries
Category 5: Waste generated in operations	4,456	Entire Group
Category 6: Business travel	1,368	Entire Group
Category 7: Employee commuting	2,352	Entire Group
Category 11: Use of sold products	140,724	Sysmex major instruments
Category 12: End-of-life treatment of sold products	14,046	Sysmex major instruments, reagents, and containers
Total emissions	437,714	—

- ※ Acquisition cost of fixed assets (tangible and intangible) x CO₂ emissions intensity (the emissions intensity calculated based on [6] Emissions Unit Value by Price of Capital Goods – Secretariat in the “Emissions Unit Value Database for Accounting of Greenhouse Gas Emissions, etc., by Organizations Throughout the Supply Chain Ver. 3.3”)

Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2022 Coverage ^{※2}	Scope ^{※1}	Calculation Method and Other Note
287	270	273	303	72%	Major business locations, instrument factories, reagent factories in Japan; major business locations, factories, and other business sites in other countries	
0	0	0	0	37%	Major business locations, instrument factories, reagent factories, sales offices, and other business sites in Japan	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%	Major business locations, instrument factories, reagent factories, sales offices, and other business sites in Japan; major business locations, factories, and other business sites in other countries	
0	0	0	0			
0	0	0	0			
0	0	0	0			

- ※ 3 Scope 1: GHG emitted directly by company facilities, factories, and fleet
Scope 2: GHG emitted indirectly by the company due to energy use
Scope 3: GHG emitted throughout the group of businesses related to the company's products and services (the supply chain) other than Scope 1 and Scope 2 emissions
- ※ 4 Conversion factors and emission factors are based on the “Act on Promotion of Global Warming Countermeasures”.
- ※ 5 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 2023)
Other countries: 2020 emission factors from the IEA Emission Factors 2022, IEA
In fiscal 2020, calculation methodology changed to the latest emission factors. The following emission factors were used previously.
• Japan (fiscal 2016–2019): 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 2017)
• Other countries (fiscal 2016–2017): GHG Protocol 2005
• Other countries (fiscal 2018–2019): 2016 emission factors from the Emissions from Fuel Combustion 2018, IEA
- ※ 6 Emissions intensity is based on the “Common Guidelines for the Method of Calculating CO₂ Emissions in the Logistics Field Ver. 3.1.”