

Data Summary

As of December 31, 2023 (Data with different aggregation periods are described in the notes.)

Environment

Detail figures may not add up to the totals because of rounding.

Data on CO₂

Total GHG Emissions by Scope

(t-CO₂)

	2019	2020	2021	2022	2023
Scope 1	151,504	122,514	142,655	159,899	161,639
Scope 2	891,734	823,467	917,727	861,428	754,873

* Figures for 2022/2023 obtained third party verification.

Data on Energy

Energy Consumption by Region in 2023

(TJ)

	Electricity	Gas	Oil	Other (steam, wide area heating and air conditioning)
Japan	4,796	1,084	287	258
Americas	482	240	299	0
Europe	318	141	496	86
Asia and Oceania (except Japan)	1,542	74	77	95
Total	7,138	1,538	1,159	439

* Electricity includes the amount generated by renewable energy sources.

* Figures obtained third party verification.

Use of Renewable Energy by Region in 2023

(MWh)

(TJ)

	Electric power	Geothermal power
Japan	49,750	0
Americas	12,605	0
Europe	54,385	4
Asia and Oceania (except Japan)	138,541	0
Total	255,280	4

Data on Waste

Recovery Volume by Type of Waste in 2023

(t)

Type of Waste	Type of Recovery Treatment	Recovery Amount
Paper	Cardboard, paper used by office equipment, toilet paper, raw material for paper products, building board, roadbed materials, etc.	17,349
Plastics	Raw materials for plastic products and other applications, roadbed materials, cement materials, fuels, blast furnace reducing agents, soil improvement agents, etc.	17,249
Metals	Raw materials for metals, roadbed materials, etc.	17,863
Oils, acids and alkalis	Cement materials, fuels, roadbed materials, reuse of oils, chemicals and solvents, etc.	11,372
Sludge	Cement materials, construction materials, aggregates, metal materials, organic fertilizers, compost, etc.	4,555
Wood	Construction boards, bedding for plants, pulp materials, fuels, fertilizers, etc.	5,792
Glass and ceramics	Glass materials, roadbed materials, cement, metal materials, etc.	184
Others	Combustion aid, roadbed materials, soil improvement agents, iron-making materials, metal materials, etc.	9,401
Total		83,763

Landfill Amount of General Waste Generated by Business Activities

(t)

	2019	2020	2021	2022	2023
General landfill waste generated by business activities	2,725	2,506	2,710	2,365	1,926

* It shows the amount of recycled waste out of the total amount of waste generated.

Atmospheric Emissions

SOx and NOx Emissions

(t)

	2019	2020	2021	2022	2023
SOx	1	0.8	0.7	0.6	0.7
NOx	52.9	47.9	44.3	41.4	41.1

Data on Water Resources

Total Wastewater Discharge

(1,000m³)

	2019	2020	2021	2022	2023
Japan	4,221	4,083	4,204	4,053	4,443
Outside Japan	3,116	2,671	2,669	2,444	2,400
Total	7,337	6,755	6,873	6,497	6,843

Wastewater Amount by Discharge Route in 2023

(1,000m³)

	Rivers	Sewerage System	Total
Japan	761	3,682	4,443
Outside Japan	423	1,977	2,400
Total	1,185	5,659	6,843

2023 Water Quality Data

(t)

	2023
SS	151
BOD	259

Water Consumption in 2023 by Type

(1,000m³)

	Public Water	Industrial Water	Groundwater	Total
Japan	1,761	2,545	1,365	5,670
Outside Japan	1,578	1,152	262	2,992
Total	3,339	3,697	1,627	8,663

Use of Recycled Water and Recycling Rate in 2023

	Recycled Water (1,000m ³)	Recycling Rate (%)
Japan	1,160	20.5
Outside Japan	32	1.1
Total	1,193	13.8

* Figures obtained third party verification.

Amount of Chemical Substances in 2023

(t)

	2023
Japan	8,076
Outside Japan	749
Total	8,825

VOC Emissions in 2023

(t)

	2023
Japan	110
Outside Japan	175
Total	285

2023 List of Chemical Substances Subjected to the PRTR Act

(kg)

Statutory No.	Name of Substance	Emissions Volume		Transfer Volume		
		Atmosphere	Public Water	Sewerage System	Waste	Waste Recyclables
7	N-butyl acrylate	1	0	0	0	14,579
20	2-aminoethanol	166	0	0	46	22,527
31	Antimony and its compounds	3	0	0	0	49
53	Ethylbenzene	574	0	0	1,756	19,468
71	Ferric chloride	0	0	0	0	0
80	Xylene	6,733	0	0	7,523	135,754
125	Monochlorobenzene	101	0	0	65	9,923
128	Methyl chloride	3	0	0	0	0
150	1,4-dioxane	345	0	0	0	528
202	Diphenylamine	0	0	0	0	0
232	N,N-dimethylformamide	220	0	0	0	303
240	Styrene	110	0	0	0	50,511
259	Tetraethylthiuram disulfide	0	0	0	0	1
296	1,2,4-trimethylbenzene	196	0	0	0	0
298	Tolylene diisocyanate	0	0	0	0	178
299	Toluidin	1	0	0	0	0
300	Toluene	5,022	0	1	231	32,193
306	Hexamethylene diacrylate	0	0	0	0	0
308	Nickel	14	0	0	4	568
309	Nickel compounds	0	2	0	4	1,345
343	Pyrocatechol	21	0	0	0	3,290
349	Phenol	4	0	0	1	46
374	Hydrogen fluoride and its water-soluble salts	4	59	7,176	0	20,483
395	Water-soluble salts of peroxodisulfuric acid	0	0	34	0	3,922
408	Poly (oxyethylene) octylphenyl ether	0	0	0	305	333
412	Manganese and its compounds	0	0	0	7	231
438	Methylnaphthalene	21	0	0	0	118
448	Methylenebis (4,1-phenylene) diisocyanate	0	0	0	1	3,405

Environmental Accounting

We quantitatively ascertain the costs of environmental conservation in our business activities, the outcomes of such activities, and the economic effect associated with environmental conservation measures.

Environmental Conservation Costs

Category		Details of Key Activities	2023	
			Investment* ¹	Cost* ²
(1) Business Area Cost			6.46	10.38
Details	1. Pollution Prevention Cost	Air, water and soil pollution prevention, etc.	4.3	4.73
	2. Global Environmental Conservation Cost	Prevention of global warming, energy conservation, efficient logistics, etc.	1.89	2.63
	3. Resource Efficiency Cost	Efficient resource use, waste reduction, sorting, recycling, etc.	0.27	3.03
(2) Upstream / Downstream Cost		Green procurement initiatives, product recycling* ³ , etc.	0.1	15.75
(3) Administration Cost		Environmental education, environmental management system, tree planting, information disclosure, environmental advertising, personnel, etc.	0.07	4.5
(4) R&D Cost* ⁴		R&D for reducing environmental impact	0.01	0.01
(5) Social Activity Cost		Contributions to organizations, sponsorships, memberships, etc.	0	0.24
(6) Environmental Remediation Cost		Soil remediation	0	0.03
(7) Other		Other environmental protection-related costs	0	0.07
Total			6.63	30.98

*1 Of total investment in depreciable assets, the amount spent for the purpose of environmental conservation

*2 Of total costs, the amount incurred for the purpose of environmental conservation

*3 In connection with the recycling of used products, expenses for product collection, storage, sorting, shipment, etc.

*4 Expenses for basic research on environmental technologies.

Environmental Conservation Benefit

Details of Benefit		Environmental Protection Indices	
		Index	Index Value (2023)
Benefit Related to Business Area Cost	Benefit related to resources input into business activities	Energy conservation (t-CO ₂)	40,404
	Benefit related to waste or environmental impact originating from business activities	Recycled resources volume (t)	83,763
Benefit Related to Upstream / Downstream Cost	Benefit related to goods and services produced from business activities	Product energy conservation amount (1,000 t-CO ₂)* ⁵	177.1
		Recovery of used products (t)* ⁶	53,491

*5 CO₂ reduction resulting from energy-conservation technologies in electrographic multifunction devices and laser printers.

*6 Amount of recovered copying machines, cartridges, etc. (including outsourced material recycling and thermal recovery).

Economic Benefit Associated with Environmental Conservation Activities

Details of Benefit		(Billions of yen)
		2023
Revenue	Sales revenue from waste recycling	2.72
Cost Reduction	Reduction in energy costs from energy conservation* ⁷	2.58
	Reduction from green procurement	0
	Reduction in waste handling costs from resource conservation and recycling* ⁸	1.61
Total		6.91

*7 Reduction in power purchasing costs, etc., due to introduction of new equipment and energy conservation measures.

*8 Reduction in external waste handling consignment costs due to introduction of new equipment and measures contributing to resource conservation, as well as gains on sales due to conversion of waste into recyclable materials, etc.

Benefit of Upstream / Downstream Costs

Details of Benefit		(Billions of yen)
		2023
	Lower energy costs from reduced product energy consumption* ⁹	5.2
	Profit from used product recycling	9.31

*9 Calculated as the reduction in energy consumption of electrographic multifunction devices and laser printers (excluding production printers) × 12 yen/kWh (economic effect for the customer).

List of ISO14001 Certified Sites and Subsidiaries (Canon Group Consolidated)

Name	Location
Canon Inc. (1 company, 14 operational sites)	
Headquarters (Shimomaru)	Tokyo
Yako Office	Kanagawa
Kawasaki Office	Kanagawa
Tamagawa Office	Kanagawa
Kosugi Office	Kanagawa
Hiratsuka Plant	Kanagawa
Ayase Plant	Kanagawa
Fuji-Susono Research Park	Shizuoka
Utsunomiya Plant	Tochigi
Toride Plant	Ibaraki
Ami Plant	Ibaraki
Utsunomiya Optical Products Plant	Tochigi
Optics R&D Center	Tochigi
Oita Plant	Oita
Marketing Headquarters in Japan (1 company)	
Canon Marketing Japan Inc.	Tokyo
Manufacturing Subsidiaries in Japan (23 companies)	
Canon Electronics Inc.	Saitama
Canon Finetech Nisca Inc.	Saitama
Fukui Canon Materials Inc.	Fukui
Top Business Machines Co., Ltd.	Shiga
Canon Precision Inc.	Aomori
Canon Chemicals Inc.	Ibaraki
Oita Canon Inc.	Oita
Miyazaki Canon Inc.	Miyazaki
Canon Optron, Inc.	Ibaraki
Canon Components, Inc.	Saitama
Nagahama Canon Inc.	Shiga
Oita Canon Materials Inc.	Oita
Canon Semiconductor Equipment Inc.	Ibaraki
Canon Ecology Industry Inc.	Ibaraki
Ueno Canon Materials Inc.	Mie
Fukushima Canon Inc.	Fukushima
Canon Mold Co., Ltd.	Ibaraki
Canon ANELVA Corporation	Kanagawa
Canon Machinery Inc.	Shiga
Canon Tokki Corporation	Niigata
Nagasaki Canon Inc.	Nagasaki
Canon Medical Systems Corporation	Tochigi
Canon Electron Tubes & Devices Co., Ltd.	Tochigi

Name	Location
Manufacturing Subsidiaries Outside Japan (21 companies)	
Canon Virginia, Inc.	U.S.A.
Canon Environmental Technologies, Inc.	U.S.A.
Canon Giessen GmbH	Germany
Canon Bretagne S.A.S.	France
Canon Inc., Taiwan	Taiwan
Canon Opto (Malaysia) Sdn. Bhd.	Malaysia
Canon Electronics (Malaysia) Sdn. Bhd.	Malaysia
Canon Hi-Tech (Thailand) Ltd.	Thailand
Canon Dalian Business Machines, Inc.	PRC
Canon Medical Equipment (Dalian) Co., Ltd.	PRC
Canon Vietnam Co., Ltd.	Vietnam
Canon Zhongshan Business Machines Co., Ltd.	PRC
Canon (Suzhou) Inc.	PRC
Canon Finetech Nisca (Shenzhen) Inc.	PRC
Canon Machinery (Malaysia) Sdn. Bhd.	Malaysia
Canon Prachinburi (Thailand) Ltd.	Thailand
Canon Business Machines (Philippines), Inc.	Philippines
Canon Production Printing Netherlands B.V.	The Netherlands
Canon Production Printing Germany G.m.b.H. & Co. KG	Germany
Canon Electronics Vietnam Co.,Ltd.	Vietnam
Canon Electronic Business Machines (H.K.) Co., Ltd.	Hongkong
Marketing Headquarters Outside Japan (6 companies)	
Canon U.S.A., Inc.	U.S.A.
Canon Europe Ltd.	United Kingdom
Canon Europa N.V.	The Netherlands
Canon (China) Co., Ltd.	PRC
Canon Singapore Pte. Ltd.	Singapore
Canon Australia Pty. Ltd.	Australia
Other companies with ISO 14001 certification (68 companies)	
In Japan (18)	
Outside Japan (50)	

* Environmental data (except CO₂ emissions from 2021 onwards) refer to 120 ISO14001-certified companies and one non-certified company(Axis Communications AB). However, environmental accounting excludes some sites whose impact on the total is small.

Hiring and Treatment of Human Resources

Number of Canon Group Employees

	2019	2020	2021	2022	2023
Japan	72,979	72,338	70,924	69,455	68,532
Male	-	-	-	55,454	54,463
Female	-	-	-	14,001	14,069
Other	-	-	-	0	0
Americas	18,207	15,307	15,066	15,771	15,945
Male	-	-	-	10,633	10,762
Female	-	-	-	5,131	5,166
Other	-	-	-	7	17
Europe	23,126	22,578	22,363	22,214	22,651
Male	-	-	-	15,591	15,959
Female	-	-	-	6,553	6,674
Other	-	-	-	70	18
Asia and Oceania	72,729	71,674	75,681	73,335	62,023
Male	-	-	-	32,391	25,587
Female	-	-	-	40,944	36,428
Other	-	-	-	0	8
Total	187,041	181,897	184,034	180,775	169,151
Male	-	-	-	114,069	106,771
Female	-	-	-	66,629	62,337
Other	-	-	-	77	43

Number of Canon Group Employees by Employment Type (Gender)

		Male	Female	Other	Total
Regular Employees	Full time	101,552	56,358	38	157,948 (93.4%)
	Part Time	1,337	1,640	4	2,981 (1.8%)
Non-regular Employees	Full time	3,779	4,090	0	7,869 (4.7%)
	Part Time	103	249	1	353 (0.2%)

* () Percentage of total employees

Number of Canon Group Employees by Employment Type (Region)

		Japan	Americas	Europe	Asia and Oceania	Total
Regular Employees	Full time	67,596	15,754	19,814	54,784	157,948
	Part Time	372	130	2,182	297	2,981
Non-regular Employees	Full time	392	27	517	6,933	7,869
	Part Time	172	34	138	9	353

Breakdown of Employees (Canon Inc.)

		2019	2020	2021	2022	2023
Total number of employees		25,740	25,713	25,377	24,717	23,931
By gender	Male	21,631	21,534	21,215	20,573	19,899
	Female	4,109	4,179	4,162	4,144	4,032
By age group	Under 30	2,997	3,116	3,072	2,897	2,617
	30s	5,906	5,507	5,021	4,658	4,225
	40s	7,225	7,243	7,196	7,120	6,968
	50s	8,119	8,158	8,153	7,769	7,532
	60 and over	1,493	1,689	1,935	2,273	2,589

Number of New Hires and Employees Leaving the Company (Canon Inc.)

		2019	2020	2021	2022	2023
Newly hired employees	Male	540	548	305	271	257
	Percentage of male	79.2%	76.4%	83.1%	74.2%	71.2%
	Female	142	169	62	94	104
	Percentage of female	20.8%	23.6%	16.9%	25.8%	28.8%
	Total	682	717	367	365	361
Employees voluntarily leaving the company/ Voluntary turnover rate	Employees voluntarily leaving the company	491	462	448	474	485
	Voluntary turnover rate	2.0%	1.9%	1.9%	2.0%	2.1%

Ratio of Internationalization in Canon Group Companies Outside Japan

(%)

	Americas	Europe	Asia (excluding Japan)
Presidents	39	86	33
Managers	91	94	90

* Share of non-Japanese appointed as presidents and managers.

* Survey targeting major marketing companies in each region

Average service years(Canon Inc.)

(year)

	2019	2020	2021	2022	2023
Male	19.5	19.5	19.8	19.9	20.0
Female	19.5	19.3	19.6	19.6	19.3
Percentage difference in average employment years for female to male employees	0.0%	-1.0%	-1.0%	-1.5%	-3.5%

Comparison of Canon's Minimum Wage to Local Minimum Wage

		Japan	U.S.	China
Local minimum monthly wage		167,000 yen	2,080 dollars	2,030 renminbi
Canon	Standard minimum monthly wage	179,000 yen	2,340 dollars	2,784 renminbi
	Ratio compared to local minimum wage	107%	113%	137%

* Figures represent wages for leading manufacturing companies in each region, not average wages.

Base Salary and Total Salary per Employee by Gender (Canon Inc.)

		Female : Male
Base pay	Management	100 : 105
	Non-management employees	100 : 115
Total pay	Management	100 : 106
	Non-management employees	100 : 124

* Compensation scheme is identical between male and female. Differences between male and female are due to roles, positions, and age distribution.

Annual Hours Worked per Employee (Canon Inc.)

	2019	2020	2021	2022	2023
Total hours worked	1,725	1,720	1,745	1,740	1,734

* Regular/post-retirement employee survey data (Canon Inc.)

* 2020 includes managers' overtime hours

Percentage of Employee Membership in the Canon Workers' Union

	2019	2020	2021	2022	2023
Canon Inc.	80	80	79	80	79
Key Group companies in Japan*	84	83	82	83	80

* 18 member unions of the Canon Group Workers' Union Conference

Diversity, Equity and Inclusion

Ratio of Female Employees by Position (Canon Inc.)

	2019	2020	2021	2022	2023
Employees	16.1	16.5	16.6	16.8	16.9
Managers	2.9	3.0	3.3	3.6	3.8
Executives	3.9	4.2	4.0	3.8	4.0

Ratio of Female Employees across Canon Group

	Japan	Americas	Europe	Asia and Oceania
Employees	14,069	5,166	6,674	36,428
Percentage of employees	20.5%	32.4%	29.5%	58.7%
Managers	265	377	243	341
Percentage of managers	3.9%	27.8%	25.1%	29.6%

* Managers: global numbers and ratio for principal Group companies

Breakdown of Executives (Canon Inc.)

		2019	2020	2021	2022	2023
By gender	Male	49	46	48	50	48
	Female	2	2	2	2	2

Composition of Executives by Age (Canon Inc.)

		50s	60s	70s	80s
By gender	Male	7	34	4	3
	Female	1	1	0	0

Number of Employees Taking Childcare and Nursing Care Leave (Canon Inc.)

		2019	2020	2021	2022	2023
Taking childcare leave		255	299	357	388	460
Male		119	178	242	296	361
Female		136	121	115	92	99
Percentage of taking childcare leave (%)	Male	16.3	27.7	33.4	47.7	65.8
	Female	100.0	100.0	100.0	100.0	100.0
Using reduced work hours for childcare		138	120	119	100	106
Male		15	9	18	7	23
Female		123	111	101	93	83
Taking maternity leave		22	21	16	6	7
Working reduced hours due to pregnancy		4	6	0	0	3
Taking nursing care leave		23	18	15	25	29
Male		13	8	7	7	18
Female		10	10	8	18	11
Using reduced work hours for nursing care		5	11	4	13	17
Applications for Fertility Treatment Subsidy Program		211	199	182	132	40

* Number of employees in that year using the system for the first time.

Return/Retention Rates and Number of Employees Returning from Childcare/Nursing Care Leave (Canon Inc.)

		2019	2020	2021	2022	2023
Returning from Childcare Leave	Number of returning employees	216	282	368	383	473
	Male	81	153	242	274	375
	Female	135	129	126	109	98
	Return rate (%)	99	99	99	99	98
	Male	97	97	98	98	97
	Female	99	100	99	97	99
	Retention rate* (%)	95	98	98	98	98
Returning from Nursing Care Leave	Number of returning employees	19	16	11	23	26
	Return rate (%)	83	94	100	100	88

* Retention rate: (The total number of employees who are registered as of 12 months after returning from childcare leave) ÷ (The total number of employees who returned to work from childcare leave during a previous report period) × 100.

Number and Percentage of Employees with Disabilities at Canon Inc. and Key Group Companies in Japan

	2019	2020	2021	2022	2023
Employees	929	943	1,063	1,057	1,077
Percentage of employees (%)	2.30	2.34	2.39	2.44	2.53

* As of June 1 each year

Occupational Safety and Health Management

Numbers and Frequency of Occupational Accidents (Canon Inc., Key Group Companies in Japan)*¹

	2019	2020	2021	2022	2023
Accidents requiring time off work	26	31	16	21	21
Accidents not requiring time off work	114	112	96	78	100
Frequency rate* ² (%)	0.20	0.26	0.13	0.19	0.19
Severity rate* ³ (%)	0.005	0.005	0.002	0.003	0.008
Frequency rate for the manufacturing industry (%)	1.20	1.21	1.31	1.25	—* ⁴
Severity rate for the manufacturing industry (%)	0.10	0.07	0.06	0.08	

*¹ Calculated for three Group companies in 2018, and four Group companies in 2019.

*² The prevalence of occupational fatalities and injuries per 1 million working hours.

*³ The degree of the disaster with the labor loss days per 1,000 total of working hours.

*⁴ The data for the year ended December 2023 not published as of April 2024.

Health checkups (Canon Inc.)

	2019	2020	2021	2022	2023
Rate of regular health checkup participation	100	100	100	100	100
Rate of detailed examination after health checkups	95.7	92.1	94.6	95.6	98.9

Stress Check Results (Canon Inc.)

	2019	2020	2021	2022	2023
Rate of employees undergo stress check tests	95.2	96.1	96.6	96.5	95.4
Rate of people who have high stress	11.6	10.4	10.6	11.4	10.9

Various health support measure (Canon Inc.)

	2019	2020	2021	2022	2023
Percentage of people who undergo cancer screening * ¹ (%)	50.6	37.2	44.4	48.7	-
Percentage of people with Normal BMI (%)	69.2	74.7	67.9	67.6	67.7
Percentage of smokers (%)	16.9	15.7	15.0	14.5	14.0
Percentage of people who have breakfast (%)	83.3	83.2	82.8	82.2	81.5
Percentage of people who drink alcohol properly * ² (%)	78.9	78.5	79.0	79.4	80.0
Percentage of people who have the habit of regular exercise (%)	23.7	26.5	25.6	26.4	27.9
Percentage of people who feel rested after sleep (%)	64.8	65.9	69.5	68.5	67.4
Percentage of people who have stress release and relaxation methods (%)	83.2	84.3	84.5	85.1	86.0
Employee Performance (Presenteeism) * ³ (%)	-	-	89.7	89.3	88.7
Absence from Work Due to Health Problems (Sick Leave) (Absenteeism) * ⁴ (day)	-	-	3.40	3.15	4.31
Work Engagement * ⁵ (point)	-	-	2.52	2.52	2.52

*¹ Subjects 40 years of age or older. From April to March in each fiscal year.

*² Percentage of occasional drinkers and hardly drinkers.

*³ Average of the results to the SPQ (Single-Item Presenteeism Question). Question is the "On a scale to 100%, where 100% is the best job performance you could have at your job if unimpeded by sickness or injury, how would you rate your overall job performance over the past four weeks?". This measurement started from FYE 3/2023 to assess presenteeism.

*⁴ Average number of days of leave due to injury or illness (including temporary leave of absence and absenteeism) for employees based in Japan.

*⁵ Affirmative response rate to the work engagement. In response to the following question "(1) Do you feel energized when you work? (2) Are you proud of your work?", Yes: 4 points, Somewhat so : 3 points, Slightly different: 2 points, No: converted as 1 point and the average score divided by2.

Sociocultural Support Activities

Expenditure on Social Contribution Activities at Canon Inc. and Key Group Companies

(Billions of yen)

	2023
Expenditure on social contribution activities	Approx. 1.8