

ESG Data—Environment

The Company has changed the indicators and corrected past year data following a review of the data collection method and scope.

Climate Change Mitigation and Adaptation		Scope of coverage: Headquarters area, manufacturing and resort facilities (distribution data includes key sales locations) Data collection timing: Fiscal year-end (March 31)					
Indicator	Breakdown	Units	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2023
Scope 1 greenhouse gas emissions		10,000 tons-CO ₂	2.2	2.3	2.2	2.4	2.2
Scope 2 greenhouse gas emissions (market-based standard)		10,000 tons-CO ₂	13.9	12.8	11.9	13.1	12.8
Scope 1 + Scope 2 greenhouse gas emissions	Total	10,000 tons-CO ₂	16.1	15.1	14.1	15.5	15.1
	Percentage of reduction compared to the base year* ¹	%	-1.9	4.4	10.8	1.9	4.4
Greenhouse gas emissions intensity (total Scope1 and Scope2 emissions per ¥10 billion of sales)		10,000 tons-CO ₂	0.37	0.36	0.38	0.38	0.33
Bionic greenhouse gas emissions		10,000 tons-CO ₂	0.9	0.6	0.6	0.6	0.6
Scope 3 greenhouse gas emissions	Purchased goods and services	10,000 tons-CO ₂	48.1	48.6	39.6	41.4	38.6
	Capital goods* ²	10,000 tons-CO ₂	5.1	6.6	3.6	4.9	6.6
	Fuel- and energy-related activities (not included in Scope 1 or Scope 2)	10,000 tons-CO ₂	0.8	0.8	0.7	0.7	0.8
	Upstream transportation and distribution	10,000 tons-CO ₂	12.2	11.9	11.2	12.2	10.0
	Waste generated in operations	10,000 tons-CO ₂	0.5	0.4	0.3	0.4	0.6
	Business travel	10,000 tons-CO ₂	0.3	0.3	0.0	0.1	0.2
	Employee commuting	10,000 tons-CO ₂	1.1	1.2	0.7	1.0	1.1
	Upstream leased assets	10,000 tons-CO ₂	N/A	N/A	N/A	N/A	N/A
	Downstream transportation and distribution	10,000 tons-CO ₂	2.2	2.1	2.2	2.3	2.3
	Processing of sold products	10,000 tons-CO ₂	N/A	N/A	N/A	N/A	N/A
	Use of sold products	10,000 tons-CO ₂	39.5	42.2	30.7	27.6	42.3
	End-of-life treatment of sold products	10,000 tons-CO ₂	0.7	0.6	0.6	0.6	0.7
	Downstream leased assets	10,000 tons-CO ₂	N/A	N/A	N/A	N/A	N/A
	Franchises	10,000 tons-CO ₂	N/A	N/A	N/A	N/A	N/A
	Investments	10,000 tons-CO ₂	N/A	N/A	N/A	N/A	N/A
Total Scope 3 greenhouse gas emissions		10,000 tons-CO ₂	110.4	114.6	89.6	91.2	103.1
Percentage of reduction compared to the base year* ³		%	1.7	-2.1	20.2	18.8	8.2
Logistics-related CO ₂ emissions volume* ⁴		tons-CO ₂	120,920	119,108	107,852	117,630	100,138

*1 Reduction rate from 158,000 tons-CO₂ achieved in FY2018, the base year (If the figure is negative, it is an increase.)

*2 Applies to capital expenditures for the period under review

*3 Reduction rate from 1,123,000 tons-CO₂ achieved in FY2018, the base year (If the figure is negative, it is an increase.)

*4 Category 4 of Scope 3

Energy		Scope of coverage: Headquarters area, manufacturing and resort facilities Data collection timing: Fiscal year-end (March 31)					
Indicator	Breakdown	Units	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2023
Energy consumption		MWh	349,744	340,910	324,754	358,686	350,516
Energy procured from renewable sources		MWh	15,959	19,196	26,823	33,209	39,399
By region	Japan	MWh	219,546	168,951	156,345	165,020	160,135
	China	MWh	53,944	78,817	78,209	87,459	84,152
	Southeast Asia	MWh	76,253	80,010	77,060	89,570	96,666
	Others	MWh	—	13,132	13,140	16,637	9,563

Prevention of Pollution		Scope of coverage: Headquarters area, manufacturing and resort facilities (★ indicates items applying to facilities in Japan) Data collection timing: Fiscal year-end (March 31)					
Indicator	Breakdown	Units	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2023
Water discharge		10,000 m ³	173.8	153.9	139.4	148.1	127.1
Volume by destination	Fresh surface water	10,000 m ³	102.1	84.8	77.9	84.3	51.8
	Brackish surface water/Seawater	10,000 m ³	0.0	0.0	0.0	0.0	0.0
	Groundwater	10,000 m ³	0.0	0.0	0.0	0.0	0.0
	Municipal/Industrial wastewater treatment plants	10,000 m ³	71.7	69.1	61.4	63.8	72.9
	Wastewater for other organizations	10,000 m ³	0.0	0.0	0.0	0.0	0.0
Nitrogen oxide (NOx) emissions★		Tons	28.4	38.2	35.8	39.0	37.2
Sulfur oxide (SOx) emissions★		Tons	4.5	5.4	3.5	5.4	3.8
Pollutant release and transfer register (PRTR)-designated substances released★		Tons	47.3	48.9	44.9	44.8	43.9
Atmospheric emissions of volatile organic compounds (VOCs)★		Tons	165	177	182	188	187
Volume of PRTR-designated substances handled (above 0.1 ton)★		Tons	194	191	183	174	164
Volume of VOCs used★		Tons	392	408	387	378	368
Number of sites subject to environmental risk audits*1	Japan	Sites	4	4	6	3	0
	Overseas	Sites	4	4	0	3	2

*1 Audits by staff with skills and expertise in environmental preservation

Sustainable Resource Use		Scope of coverage: Headquarters area, manufacturing and resort facilities (★ indicates items applying to facilities in Japan)					
		Data collection timing: Fiscal year-end (March 31)					
Indicator	Breakdown	Units	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2023
Water withdrawals		10,000 m ³	192	180	171	182	200
Volume by sources	Fresh surface water	10,000 m ³	0.0	0.0	0.0	0.0	0.0
	Brackish surface water/Seawater	10,000 m ³	0.0	0.0	0.0	0.0	0.0
	Rainwater	10,000 m ³	0.0	0.0	0.0	0.0	0.0
	Groundwater (renewable)	10,000 m ³	97	87	88	89	101
	Groundwater (non-renewable)	10,000 m ³	0.0	0.0	0.0	0.0	0.0
	Produced/process water	10,000 m ³	0.0	0.0	0.0	0.0	0.0
	Municipal supply	10,000 m ³	95	94	83	92	99
	Wastewater from other organizations	10,000 m ³	0.0	0.0	0.0	0.0	0.0
Water consumption		10,000 m ³	34	34	40	40	75
Water recycling	Volume of recycled water	10,000 m ³	11	11	8	9	10
	Recycling rate	%	5.7	6.1	4.7	5.2	5.0
Timber procurement volume		1,000 m ³	93.8	84.0	75.0	96.8	84.5
By type	Solid wood	1,000 m ³	56.7	49.0	40.9	54.1	54.5
	Wood composite	1,000 m ³	37.1	35.0	33.9	42.7	30.0
By region	Japan	1,000 m ³	1.5	1.7	1.2	1.1	2.1
	China	1,000 m ³	7.8	6.9	5.7	7.5	5.6
	Southeast Asia	1,000 m ³	37.8	34.7	31.1	37.7	29.2
	Oceania	1,000 m ³	14.9	13.4	11.8	21.7	15.2
	North America	1,000 m ³	17.0	14.4	11.6	15.3	14.7
	Europe	1,000 m ³	9.9	9.0	8.0	8.4	13.0
	Africa	1,000 m ³	0.7	0.8	0.7	0.9	1.2
	Others	1,000 m ³	4.2	3.1	4.8	4.2	3.6
Waste generated		1,000 tons	11.5	10.8	10.5	12.2	14.6
Hazardous waste generated ^{*1}		1,000 tons	—	—	1.6	1.7	5.9
Electronic component waste generated		1,000 tons	—	—	0.2	0.2	0.1
Recycling activities★	Waste generate	1,000 tons	3.9	3.9	3.5	3.9	4.5
	Recycling rate ^{*2}	%	99	99	99	99	99

*1 Total of industrial waste designated for special management in Japan and waste oil, waste solvents, waste acid, and waste alkaline at overseas bases

*2 Calculated using values for the landfill rate

Eco-Friendly Products and Services		Data collection timing: Fiscal year-end (March 31)					
Indicator	Breakdown	Units	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2023
Yamaha Eco-Products Program ^{*1}	Number of qualified products	Products	53	46	29	14	16
	Number of Yamaha Eco-Label products	Products	56	58	70	5	16

*1 Initiative started in December 2015 aimed at certifying eco-friendly products that meet standards established by Yamaha

ISO 14001 Internal Environmental Audits		Scope of coverage: Headquarters area, manufacturing and resort facilities in Japan					
		Data collection timing: Fiscal year-end (March 31)					
Indicator	Breakdown	Units	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2023
Internal environmental auditor qualifications	Number of qualified persons	Persons	362	354	327	293	322
	Ratio of total employees	%	5.6	6.8	6.4	5.7	6.3
Number of internal environmental audits			8 (All sites)	8 (All sites)	8 (All sites)	8 (All sites)	8 (All sites)