

ESG Data

Environmental Data Related to Products and Business Activities

Sales of Electrified Vehicles

(FY)

	Unit	2018	2019	2020	2021	2022
Total electrified vehicles	Vehicles	54,572	75,143	64,561	65,496	93,588
Electrified vehicle sales ratio	%	4	7	8	7	11
Plug-in hybrid electric vehicles (PHEV)	Vehicles	47,238	47,758	35,553	43,021	60,660
Japan	Vehicles	6,780	4,970	5,629	11,663	21,544
Overseas	Vehicles	40,458	42,788	29,924	31,358	39,116
Electric vehicles (EV)	Vehicles	766	1,015	1,566	839	10,461
Japan	Vehicles	410	901	1,517	690	9,790
Overseas	Vehicles	356	114	49	149	671
Hybrid electric vehicles (HEV)	Vehicles	6,568	26,370	27,442	21,636	22,105
Japan	Vehicles	6,568	26,370	27,442	21,636	22,105
Overseas	Vehicles	0	0	0	0	0
Others*1	Vehicles	–	–	–	–	362
Global sales (including vehicles with internal combustion engines)	Vehicles	1,243,914	1,126,843	801,442	936,749	834,172

*1 Vehicles received from Renault on an OEM basis (HEV, PHEV)

Product Fuel Economy and CO₂ Emissions (Corporate Average)*2

		Unit	2018	2019	2020	2021	2022
United States (fuel economy)	Import passenger vehicle	mpg	45.9	45.4	45.5	45.3	42.2
	Light truck	mpg	35.8	35.9	36.8	35.8	37.5
Europe (CO₂ emissions)*3	Passenger vehicle	Production facility: MITSUBISHI MOTORS (Japan)	121	115.6	99.6	93.0	–
		Production facility: MMTh*4			104.2	115.3	–
China (fuel economy)	Import vehicle	L/100km	12.0	12.0	–	–	–
	Local production vehicle	L/100km	7.1	7.2	7.5	7.89	7.4

*2 Values reported publicly in respective countries and regions. Values are by model year in the United States and by Calendar year in Europe and China.

*3 Driving mode: NEDC Mode (until 2020), WLTP Mode (from 2021)

*4 Mitsubishi Motors (Thailand) Co., Ltd.

Business Activity Indicators

CO₂ emissions

(FY)

	Unit	2018	2019	2020	2021	2022
Production	x10 ³ t-CO ₂	518	464	312	358	314
Non-production	x10 ³ t-CO ₂	70	62	53	53	52
Japan	x10 ³ t-CO ₂	404	348	246	277	226
Asia	x10 ³ t-CO ₂	178	173	116	132	138
Others	x10 ³ t-CO ₂	6	5	3	2	2
Scope 1 (direct emissions)	x10 ³ t-CO ₂	119	110	80	92	95
Scope 2 (indirect emissions)	x10 ³ t-CO ₂	469	416	285	319	271
(Scope 1+2) Total	x10 ³ t-CO ₂	588	526	365	411	366
Scope 3	x10 ³ t-CO ₂ eq	42,580	35,429	20,286	28,294	28,710
(Scope 1+2+3) Total	x10 ³ t-CO ₂ eq	43,168	35,955	20,651	28,705	29,076

Target sites: Environmental management target companies for each fiscal year (including the Company)

Ratio of data coverage obtained from environmental management target companies: 100%

Please see page 33 for the 20 environmental management target companies in FY2022.

We have adjusted the requirements for environmental management target companies, removing equity-method associates from this scope from FY2021. Totals (Scope 1+2) for FY2018–2020 include CO₂ emissions from equity-method associates (43 thousand t-CO₂ in FY2018, 35 thousand t-CO₂ in FY2019, 28 thousand t-CO₂ in FY2020).

Of the environmental management system target companies in FY2022, more than 97% of sites by CO₂ emissions conversion base have acquired ISO 14001 or other environmental management system certification.

CO₂ emission factors

- Based on "Greenhouse Gas Emissions Conversion, Reporting, and Announcement System based on the Act on Promotion of Global Warming Countermeasures"
- Overseas electricity emission factors use values for individual electric power companies. Some bases use emission factors obtained annually from the IEA's "CO₂ Emissions from Fuel Combustion" or its "Emission Factors."

Scope 3 Breakdown

(FY)

Category	Unit	2018	2019	2020	2021	2022	Coverage
1 Purchased goods and services	x10 ³ t-CO ₂ eq	6,900	6,331	4,043	5,495	6,806	Consolidated (only production)
2 Capital goods	x10 ³ t-CO ₂ eq	407	319	310	150	121	Non-consolidated
3 Fuel energy not included in Scope 1 or 2	x10 ³ t-CO ₂ eq	21	49	36	44	70	Consolidated
4 Upstream transportation and distribution	x10 ³ t-CO ₂ eq	1,278	1,174	541	1,049	1,622	Consolidated
5 Waste generated in operations	x10 ³ t-CO ₂ eq	19	21	11	15	15	Consolidated (only production)
6 Business travel	x10 ³ t-CO ₂ eq	4	4	4	4	4	Consolidated
7 Employee commuting	x10 ³ t-CO ₂ eq	14	14	13	13	13	Consolidated
8 Upstream leased assets	x10 ³ t-CO ₂ eq	–	–	–	–	–	–
9 Downstream transportation and distribution	x10 ³ t-CO ₂ eq	–	–	–	–	–	–
10 Processing of sold products	x10 ³ t-CO ₂ eq	–	–	–	–	–	–
11 Use of sold products	x10 ³ t-CO ₂ eq	33,199	26,833	14,927	20,981	19,530	All destination
12 End-of-life treatment of sold products	x10 ³ t-CO ₂ eq	727	671	382	529	517	All destination
13 Downstream leased assets	x10 ³ t-CO ₂ eq	–	–	–	–	–	–
14 Franchises	x10 ³ t-CO ₂ eq	12	13	19	14	12	Some dealers in Japan
15 Investment	x10 ³ t-CO ₂ eq	–	–	–	–	–	–

Energy Input (Primary and Secondary Energy)

(FY)

	Unit	2018	2019	2020	2021	2022
Total amount	PJ*	10.2	9.5	7.0	8.2	8.2
Production	PJ	9.0	8.3	5.9	7.0	7.0
Non-production	PJ	1.2	1.2	1.1	1.2	1.2
Japan	PJ	7.2	6.6	4.9	5.6	5.5
Asia	PJ	2.9	2.8	2.0	2.5	2.6
Others	PJ	0.1	0.1	0.1	0.1	0.1

Target sites: Environmental management target companies for each fiscal year (including the Company)
Ratio of data coverage obtained from environmental management target companies: 100%
Please see page 33 for the 20 environmental management target companies in FY2022.

* 10¹⁵ joules Unit calorific value: Quoted from the "Act on the Rational Use of Energy"

SOx (Sulfur Oxide)

(FY)

	Unit	2018	2019	2020	2021	2022
Total emissions	t	218	163	125	50	30

Target sites: Environmental management target companies for each fiscal year (including the Company)
Ratio of data coverage obtained from environmental management target companies: 100%
Please see page 33 for the 20 environmental management target companies in FY2022.

Calculation method: calculated the weight of sulfur contained in the used fuel and converted the weight into sulfur dioxide (SO₂)

NOx (Nitrogen Oxide)

(FY)

	Unit	2018	2019	2020	2021	2022
Total emissions	t	65	61	44	58	59

Target sites: Environmental management target companies for each fiscal year (including the Company)
Ratio of data coverage obtained from environmental management target companies: 100%
Please see page 33 for the 20 environmental management target companies in FY2022.

Calculation method: Fuel usage volume calculated using the Ministry of the Environment's "Environmental Activity Evaluation Program" emission factor

VOC (Volatile Organic Compounds)

(FY)

	Unit	2018	2019	2020	2021	2022
Total emissions	t	2,354	2,243	1,227	1,511	1,667

Target site: Okazaki Plant, Mizushima Plant, Suiryu Plastic Co., Ltd.

Emissions of Ozone-Depleting Substances

mitsubishi motors corporation estimates its FY2022 emissions at 2.3t (HCFC equivalent).

Generated Waste

(FY)

	Unit	2018	2019	2020	2021	2022
Total emissions	x10 ³ t	187	202	109	143	141
Production	x10 ³ t	176	194	103	137	134
Non-production	x10 ³ t	11	8	6	6	7

Target sites: Environmental management target companies for each fiscal year (including the Company)
Ratio of data coverage obtained from environmental management target companies: 100%
Please see page 33 for the 20 environmental management target companies in FY2022.

Generated Waste and Externally Disposed Waste

(FY)

	Unit	2018	2019	2020	2021	2022
Total amount produced	x10 ³ t	104	89	58	85	84
Externally disposed waste	x10 ³ t	56	53	40	54	60
Internal recycle	x10 ³ t	48	36	18	31	24

Target site: Okazaki Plant, Mizushima Plant, Kyoto Plant

Raw Material Input

(FY)

	Unit	2018	2019	2020	2021	2022
Iron and aluminum	x10 ³ t	154	141	97	117	139
Resin	x10 ³ t	2.5	2.1	1.1	2.4	2.9

Target site: Okazaki Plant, Mizushima Plant, Kyoto Plant

Withdrawn Water Volume

(FY)

	Unit	2018	2019	2020	2021	2022
Total amount	x10 ³ m ³	6,211	5,915	4,420	4,640	4,659
Production	x10 ³ m ³	5,901	5,654	4,188	4,389	4,405
Non-production	x10 ³ m ³	310	261	232	251	254
City water	x10 ³ m ³	878	988	718	383	438
Industrial water	x10 ³ m ³	3,412	3,280	2,594	2,938	2,907
Underground water	x10 ³ m ³	1,921	1,647	1,108	1,319	1,314

Target sites: Environmental management target companies for each fiscal year (including the Company)
Ratio of data coverage obtained from environmental management target companies: 100%
Please see page 33 for the 20 environmental management target companies in FY2022.

• MMKI recycles and reuses some of its wastewater. In FY2022, roughly 181 thousand m³ of water was recycled. (Roughly 4% of total MITSUBISHI MOTORS Group water withdrawal.)

Wastewater Volume

(FY)

	Unit	2018	2019	2020	2021	2022
Total amount	x10 ³ m ³	4,504	4,104	3,266	3,316	3,311
Production	x10 ³ m ³	4,194	3,843	3,034	3,254	3,238
Non-production	x10 ³ m ³	310	261	232	62	73
Sewage	x10 ³ m ³	2,396	2,041	1,713	1,581	1,410
Public waters	x10 ³ m ³	2,108	2,063	1,553	1,735	1,901

Target sites: Environmental management target companies for each fiscal year (including the Company)
Ratio of data coverage obtained from environmental management target companies: 100%
Please see page 33 for the 20 environmental management target companies in FY2022.

• Includes some estimated figures.

Environmental Accounting

Environmental Conservation Costs

(FY)

Category	Main Initiatives Details		Unit	2020		2021		2022	
				Investment	Cost	Investment	Cost	Investment	Cost
Business Area Cost	Pollution Prevention Cost	Preventing air pollution, water pollution and soil pollution	Million yen	203	629	591	658	616	663
	Global Environmental Conservation Cost	Preventing global warming and the ozone depletion	Million yen	346	13	78	10	183	56
	Resource Circulation Cost	Reduction, proper disposal and recycling of the waste	Million yen	0	933	0	732	0	754
Upstream/Downstream Costs	Withdrawing used bumpers and corresponding automobile recycling law		Million yen	0	1,661	0	1,430	1	1,287
Administration Activity Cost	Maintaining certification of ISO14001, educating employees and monitoring		Million yen	18	588	30	561	66	551
R&D Cost	Research and development about reductions in environmental impact of products such as improving fuel economy and exhaust gas measures		Million yen	456	32,731	661	27,691	822	41,908
Social Activity Cost	Hands-on environmental lessons, supporting global environmental activity, donation to environmental groups and disclosing environmental information		Million yen	47	189	0	241	0	269
Environmental Remediation Cost	Compensation for environmental damage by business activities		Million yen	0	5	0	2	0	1
Total			Million yen	1,070	36,749	1,359	31,324	1,688	45,489

	Unit	Capital investment	R&D cost	Capital investment	R&D cost	Capital investment	R&D cost
<Reference> Group-wide capital investment, R&D cost	100 Million yen	764	1,014	627	907	786	1,072

Target site: MITSUBISHI MOTORS CORPORATION

Economic Benefit Associated with Environmental Conservation Activities (Actual Benefits)

(FY)

Category	Details of Benefit	Unit	2020	2021	2022
Revenue	Operating revenue from the sale of recycled waste products and used products produced through key business	Million yen	1,083	2,540	2,518
Cost Reduction	Energy expense saving through energy conservation	Million yen	2,333	(1,057)	(4,458)
	Water expense saving through water conservation	Million yen	31	14	(7)
	Disposal cost saving through lower resource input or recycle	Million yen	(551)	389	(140)
	Packaging materials cost saving through recycling	Million yen	369	379	120
Total		Million yen	3,265	2,265	(1,982)

Target site: MITSUBISHI MOTORS CORPORATION