

## Environmental Data Related to Products and Business Activities

### Product Fuel Economy and CO<sub>2</sub> Emissions (Corporate Average) \*1 (FY)

		Unit	2015*2	2016	2017	2018	2019
<b>Japan (fuel economy)</b>	Passenger automobile*3	km/L	18.4	19.2	18.2	18.3	18.8
<b>United States (fuel economy)</b>	Import passenger automobile	mpg	39.8	41.3	44.6	45.9	45.4
	Light truck	mpg	34.4	34.6	34.9	35.8	35.9
<b>Europe (CO<sub>2</sub> emissions)</b>	Passenger automobile	g-CO <sub>2</sub> /km	110	118	118	121	–
<b>China (fuel economy)</b>	Import vehicle	L/100km	8.4	10.0	12.0	12.0	12.0
	Local production vehicle	L/100km	7.4	7.6	7.5	7.1	7.2

\*1 Values reported to authorities or reported publicly in respective countries and regions

\*2 Values are by fiscal year in Japan, by model year in the United States and by calendar year in China

\*3 Excluding electric vehicles and plug-in hybrid vehicles

### Business Activity Indicators

#### CO<sub>2</sub> emissions (FY)

	Unit	2015	2016	2017	2018	2019
<b>Production</b>	x10 <sup>3</sup> t-CO <sub>2</sub>	449	394	477	513	472
<b>Non-production</b>	x10 <sup>3</sup> t-CO <sub>2</sub>	69	67	63	70	62
<b>Japan</b>	x10 <sup>3</sup> t-CO <sub>2</sub>	400	363	387	404	356
<b>Asia</b>	x10 <sup>3</sup> t-CO <sub>2</sub>	89	91	147	173	173
<b>Others</b>	x10 <sup>3</sup> t-CO <sub>2</sub>	29	7	6	6	5
<b>Scope 1 (direct emissions)</b>	x10 <sup>3</sup> t-CO <sub>2</sub>	110	104	120	132	117
<b>Scope 2 (indirect emissions)</b>	x10 <sup>3</sup> t-CO <sub>2</sub>	408	357	420	451	417
<b>(Scope 1+2) Total</b>	x10 <sup>3</sup> t-CO <sub>2</sub>	518	461	540	583	534
<b>Scope 3 (Supply Chain Greenhouse Gas Emissions)</b>	x10 <sup>3</sup> t-CO <sub>2</sub> eq	35,711	32,592	38,721	42,580	35,429
<b>(Scope 1+2+3) Total</b>	x10 <sup>3</sup> t-CO <sub>2</sub> eq	36,229	33,053	39,261	43,163	35,963

Target site: 21 management target companies (Cover ratio: 100%)

CO<sub>2</sub> emission factors

- Based on "Greenhouse Gas Emissions Conversion, Reporting, and Announcement System based on the Act on Promotion of Global Warming Countermeasures"
- Overseas emission factors taken from the IEA's "CO<sub>2</sub> Emissions from Fuel Combustion (2018 edition)"

### Scope 3 Breakdown (FY)

		Unit	2015	2016	2017	2018	2019	Coverage
<b>Category 1</b>	Purchased goods and services	x10 <sup>3</sup> t-CO <sub>2</sub> eq	6,026	5,389	5,855	6,900	6,331	consolidated (only production)
<b>Category 2</b>	Capital goods	x10 <sup>3</sup> t-CO <sub>2</sub> eq	164	159	297	407	319	non-consolidated
<b>Category 3</b>	Fuel energy not included in Scope 1 or 2	x10 <sup>3</sup> t-CO <sub>2</sub> eq	44	42	45	21	49	consolidated
<b>Category 4</b>	Upstream transportation and distribution	x10 <sup>3</sup> t-CO <sub>2</sub> eq	1,343	772	1,013	1,278	1,174	consolidated
<b>Category 5</b>	Waste generated in operations	x10 <sup>3</sup> t-CO <sub>2</sub> eq	12	10	16	19	21	consolidated (only production)
<b>Category 6</b>	Business travel	x10 <sup>3</sup> t-CO <sub>2</sub> eq	4	4	4	4	4	consolidated
<b>Category 7</b>	Employee commuting	x10 <sup>3</sup> t-CO <sub>2</sub> eq	13	13	14	14	14	consolidated
<b>Category 8</b>	Upstream leased assets	x10 <sup>3</sup> t-CO <sub>2</sub> eq	–	–	–	–	–	–
<b>Category 9</b>	Downstream transportation and distribution	x10 <sup>3</sup> t-CO <sub>2</sub> eq	–	–	–	–	–	–
<b>Category 10</b>	Processing of sold products	x10 <sup>3</sup> t-CO <sub>2</sub> eq	–	–	–	–	–	–
<b>Category 11</b>	Use of sold products	x10 <sup>3</sup> t-CO <sub>2</sub> eq	27,475	25,623	30,731	33,199	26,833	all destination
<b>Category 12</b>	End-of-life treatment of sold products	x10 <sup>3</sup> t-CO <sub>2</sub> eq	626	575	741	727	671	all destination
<b>Category 13</b>	Downstream leased assets	x10 <sup>3</sup> t-CO <sub>2</sub> eq	–	–	–	–	–	–
<b>Category 14</b>	Franchises	x10 <sup>3</sup> t-CO <sub>2</sub> eq	4	5	5	12	13	some domestic dealers
<b>Category 15</b>	Investment	x10 <sup>3</sup> t-CO <sub>2</sub> eq	–	–	–	–	–	–

**Energy Input (Primary and Secondary Energy)**

(FY)

	Unit	2015	2016	2017	2018	2019
<b>Total amount</b>	PJ*	10.4	8.3	9.7	10.6	9.5
<b>Production</b>	PJ	9.1	7.0	8.2	8.9	8.3
<b>Non-production</b>	PJ	1.3	1.3	1.5	1.7	1.2
<b>Japan</b>	PJ	6.9	6.5	6.9	7.2	6.6
<b>Asia</b>	PJ	2.8	1.6	2.4	2.9	2.8
<b>Others</b>	PJ	0.7	0.2	0.4	0.5	0.1

Target site: 21 management target companies (Cover ratio: 100%)

\* 10<sup>15</sup> joules Unit calorific value: Quoted from the "Act on the Rational Use of Energy"**Sulfur Oxide**

(FY)

	Unit	2015	2016	2017	2018	2019
<b>Total emissions</b>	t	185	193	195	219	232

Target site: 21 management target companies (Cover ratio: 100%)

Calculation method: calculated the weight of sulfur contained in the used fuel and converted the weight into sulfur dioxide (SO<sub>2</sub>)**Nitrogen Oxide**

(FY)

	Unit	2015	2016	2017	2018	2019
<b>Total emissions</b>	t	93	89	92	87	82

Target site: 21 management target companies (Cover ratio: 100%)

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	2015	2016	2017	2018	2019
<b>Total emissions</b>	t	2,151	2,166	1,882	2,354	2,243

Target site: Okazaki Plant, Mizushima Plant, Pajero Manufacturing Co., Ltd, Suiryo Plastic Co., Ltd.

**Emissions of Ozone-Depleting Substances**

Estimated at less than 0.1t (CFC equivalent) for MITSUBISHI MOTORS CORPORATION alone.

**Generated Waste**

(FY)

	Unit	2015	2016	2017	2018	2019
<b>Total emissions</b>	x10 <sup>3</sup> t	162	150	162	187	202
<b>Production</b>	x10 <sup>3</sup> t	153	141	148	176	194
<b>Non-production</b>	x10 <sup>3</sup> t	9	9	14	11	8

Target site: 21 management target companies (Cover ratio: 100%)

**Generated Waste and Externally Disposed Waste (MITSUBISHI MOTORS alone)**

(FY)

	Unit	2015	2016	2017	2018	2019
<b>Total amount produced</b>	x10 <sup>3</sup> t	111	93	99	104	89
<b>Externally disposed waste</b>	x10 <sup>3</sup> t	52	47	48	56	53
<b>Internal recycle</b>	x10 <sup>3</sup> t	59	46	51	48	36

**Raw Material Input**

(FY)

	Unit	2015	2016	2017	2018	2019
<b>Iron and aluminum</b>	x10 <sup>3</sup> t	158	137	143	154	141
<b>Resin</b>	x10 <sup>3</sup> t	2.9	3.0	3.0	2.5	2.1

Target site: Okazaki Plant, Mizushima Plant, Kyoto Plant

**Withdrawn Water Volume**

(FY)

	Unit	2015	2016	2017	2018	2019
<b>Total amount</b>	x10 <sup>3</sup> m <sup>3</sup>	5,452	5,606	6,727	6,211	5,915
<b>Production</b>	x10 <sup>3</sup> m <sup>3</sup>	5,184	5,295	6,343	5,901	5,654
<b>Non-production</b>	x10 <sup>3</sup> m <sup>3</sup>	268	311	384	310	261
<b>City water</b>	x10 <sup>3</sup> m <sup>3</sup>	652	428	1,150	878	988
<b>Industrial water</b>	x10 <sup>3</sup> m <sup>3</sup>	3,232	3,505	3,602	3,412	3,280
<b>Underground water</b>	x10 <sup>3</sup> m <sup>3</sup>	1,568	1,673	1,975	1,921	1,647

Target site: 21 management target companies (Cover ratio: 100%)

• MMKI recycles and reuses some of its wastewater. In fiscal 2019, roughly 344,000m<sup>3</sup> of water was recycled. (Roughly 2% of total MITSUBISHI MOTORS Group water withdrawal.)**Wastewater Volume**

(FY)

	Unit	2015	2016	2017	2018	2019
<b>Total amount</b>	x10 <sup>3</sup> m <sup>3</sup>	4,170	3,977	4,577	4,504	4,104
<b>Production</b>	x10 <sup>3</sup> m <sup>3</sup>	3,902	3,666	4,193	4,194	3,843
<b>Non-production</b>	x10 <sup>3</sup> m <sup>3</sup>	268	311	384	310	261
<b>Sewage</b>	x10 <sup>3</sup> m <sup>3</sup>	1,635	1,708	2,405	2,396	2,041
<b>Public waters</b>	x10 <sup>3</sup> m <sup>3</sup>	2,535	2,269	2,172	2,108	2,063

Target site: 21 management target companies (Cover ratio: 100%)

• Includes some estimated figures.

## Environmental Accounting

### Environmental Conservation Costs

Category	Main Initiatives Details		Unit	2017		2018		2019	
				Investment	Cost	Investment	Cost	Investment	Cost
Business Area Cost	Pollution Prevention Cost	Preventing air pollution, water pollution and soil pollution	Million yen	63	1,269	106	1,315	41	1,251
	Global Environmental Conservation Cost	Preventing global warming and the ozone depletion	Million yen	388	14	171	13	250	9
	Resource Circulation Cost	Reduction, proper disposal and recycling of the waste	Million yen	6	829	22	1,226	0	1,418
Upstream/Downstream Costs	Withdrawing used bumpers and corresponding automobile recycling law		Million yen	35	1,789	0	1,770	0	1,688
Administration Activity Cost	Maintaining certification of ISO14001, educating employees and monitoring		Million yen	120	668	56	680	130	420
R&D Cost	Research and development about reductions in environmental impact of products such as improving fuel economy and exhaust gas measures		Million yen	3,567	39,545	1,116	41,527	1,711	51,383
Social Activity Cost	Hands-on environmental lessons, supporting global environmental activity, donation to environmental groups and disclosing environmental information		Million yen	2	328	68	239	0	273
Environmental Remediation Cost	Compensation for environmental damage by business activities		Million yen	10	4	0	138	0	12
<b>Total</b>			Million yen	<b>4,191</b>	<b>44,446</b>	<b>1,539</b>	<b>46,907</b>	<b>2,132</b>	<b>56,454</b>

	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	999	1,025	1,377	1,243	1,039	1,308

### Economic Benefit Associated with Environmental Conservation Activities (Actual Benefits)

Category	Details of Benefit	Unit	2017	2018	2019
			Benefit	Benefit	Benefit
Revenue	Operating revenue from the sale of recycled waste products and used products produced through key business	Million yen	2,232	2,512	1,774
Cost Reduction	Energy expense saving through energy conservation	Million yen	-675	-889	532
	Water expense saving through water conservation	Million yen	1	-3	8
	Disposal cost saving through lower resource input or recycle	Million yen	-3	-241	114
	Packaging materials cost saving through recycling	Million yen	454	439	422
<b>Total</b>		Million yen	<b>2,009</b>	<b>1,818</b>	<b>2,850</b>