


# Environmental Performance Data

The data marked with “★” (FY2020) are assured by Deloitte Tohmatsu Sustainability Co., Ltd., an external assurance provider based on International Standard on Assurance Engagements (ISAE) 3000 and ISAE3410.

 P.120 Independent Practitioner's Assurance Report

## Energy Consumption

Activity

Mitsui & Co. has set the goal of “reducing energy consumption intensity by 1% or higher on average per year” for Mitsui and its subsidiaries in Japan. We aim to achieve this goal through a variety of measures, including a group-wide effort to improve energy efficiency.

From the fiscal year ended March 2019, the scope of coverage has been expanded to joint control businesses (Un-incorporated Joint Ventures). We will continue to monitor energy consumption and explore new initiatives to reduce energy consumption on a global group basis.

Category	Scope of Coverage	Unit	FY2018	FY2019	FY2020	External Assurance	Remarks	
<b>Energy Consumption</b>								
Non-consolidated	Head Office and all offices in Japan	GJ	207,259	205,182	202,522	★		
Consolidated	Subsidiaries		11,157,784	18,700,216	22,671,923	★		
	Un-incorporated JVs		—	24,533,657	19,901,035	★		
<b>Total</b>			<b>11,365,043</b>	<b>43,439,056</b>	<b>42,775,480</b>	★		
(Breakdown)								
Fuels			5,617,840	33,551,624	30,823,685			
Electricity			4,923,641	8,630,815	10,730,337			
Steam, heat, cold water		823,561	1,256,617	1,221,458				
Intensity	Non-consolidated	Head Office and all offices in Japan (per square meter)	MWh/m <sup>2</sup>	0.121	0.120	0.112	★	

## Greenhouse Gas (GHG)

Activity

Mitsui is carrying out initiatives for the reduction of greenhouse gas (GHG) emissions on a global group basis. Mitsui has carried out GHG emissions surveys domestically since the fiscal year ended March 2006, and for overseas since the fiscal year ended March 2009, in order to grasp the amount of its emissions year by year. From the fiscal year ended March 2018, the GHG accounting boundary has been extended to joint control businesses (Un-incorporated Joint Ventures), and from the fiscal year ended March 2020, the scope of coverage has been enhanced to Scope 3, Category 15 (indirect emissions associated with investments). Such initiatives are our response towards the growing interest in the issue of climate change, and we will continue to monitor our GHG emissions and explore further initiatives to reduce our GHG emissions on a global group basis.

Category		Scope of Coverage	Unit	FY2018	FY2019	FY2020	External Assurance	Remarks
<b>Greenhouse Gas (GHG) Emissions</b>								*1
Scope1	Non-consolidated	Head Office and all offices in Japan	thousand t-CO <sub>2</sub> e	1	1	1	★	
	Consolidated	Subsidiaries		358	331	386	★	
		Un-incorporated JVs		3,089	2,857	2,848	★	
	<b>Total</b>			<b>3,448</b>	<b>3,189</b>	<b>3,235</b>	★	
Scope2	Non-consolidated	Head Office and all offices in Japan		10	9	8	★	
	Consolidated	Subsidiaries		295	368	355	★	
		Un-incorporated JVs		232	210	222	★	
	<b>Total</b>			<b>537</b>	<b>587</b>	<b>585</b>	★	
Scope1+2	<b>Total</b>			<b>3,985</b>	<b>3,776</b>	<b>3,820</b>	★	
Scope3	Investment	Emissions related to our investment		—	—	32,000		*2
	Transportation	Consigned logistics in Japan with Mitsui as the shipper		27	31	25	★	
	Commuting	Head Office		1	1	1		
	Business trips	Head Office		10	10	10		
	Scope1 (breakdown)	CO <sub>2</sub>	Carbon dioxide	1,652	2,278	2,202		
	CH <sub>4</sub>	Methane	1,796	908	1,032			
	N <sub>2</sub> O	Carbon monoxide	0	3	1			
	HFCs	Hydrofluorocarbons	0	0	0			
	PFCs	Perfluorocarbons	0	0	0			
	SF <sub>6</sub>	Sulfur hexafluoride	0	0	0			
	NF <sub>3</sub>	Nitrogen trifluoride	0	0	0			

\*1 [Standards/Guidlines for Scope1+2 calculation] GHG Protocol "Emission Factors from Cross-Sector Tools" (March 2017), International Energy Agency (IEA) Emissions Factors 2019, IPCC 2006 Guidelines for National Greenhouse Gas Inventories, Act on Rationalizing Energy Use

\*2 [Scope3 Investment] Estimated values of emissions from mineral and metal resources, energy and thermal power generation businesses not included in Scope 1+2 and other affiliated company businesses using LCA databases (IDEA, Ecoinvent), input-output models, etc.

## Environmental Performance Data

## Water Consumption

Activity

Mitsui started surveying water intake and drainage data by water source from the fiscal year ended March 2019. We will continue to monitor water risk and explore new initiatives to reduce water consumption on a global group basis. At the Head Office, we use 100% recycled drainage water for toilet flushing in order to promote reduction in water consumption.

Category	Scope of Coverage	Unit	FY2018	FY2019	FY2020	External Assurance	Remarks	
<b>Water Intake</b>								
	Non-consolidated	Head Office and Mitsui-owned buildings	65	64	61	★		
	Consolidated	Subsidiaries and Un-incorporated JVs	—	330,906	377,769	★	*1	
	<b>Total</b>		<b>65</b>	<b>330,970</b>	<b>377,830</b>	<b>★</b>		
(Breakdown)								
	Industrial water, water utility	thousand m <sup>3</sup>	—	10,998	7,619			
	Pumped groundwater		—	18,161	12,791			
	Rivers, lakes		—	24,577	21,780			
	Sea		—	273,034	329,907			
	Rainwater		—	3,661	3,379			
	Others		—	539	2,354			
Intensity	Non-consolidated		Head Office and Mitsui-owned buildings (per employee)	m <sup>3</sup> /employee	16.36	16.10	16.24	★
<b>Drainage Water</b>								
	Non-consolidated	Head Office and Mitsui-owned buildings	65	64	61	★		
	Consolidated	Subsidiaries and Un-incorporated JVs	—	38,769	32,137	★	*1	
	<b>Total</b>		<b>65</b>	<b>38,833</b>	<b>32,198</b>	<b>★</b>	*2	
(Breakdown)								
	External disposal facilities (sewers)	thousand m <sup>3</sup>	—	6,837	6,759			
	Groundwater		—	406	390			
	Rivers, lakes		—	6,636	6,274			
	Sea		—	19,509	18,557			
	Others		—	5,445	218			
<b>Water recycling</b>								
		thousand m <sup>3</sup>	—	8,474	7,172			

\*1 [Boundary] Domestic and overseas consolidated subsidiaries and major Un-incorporated JVs

\*2 Drainage water is assumed to be equal to intake water quantity in case there is no drainage data

## Environmental Performance Data

## Waste and Paper Consumption

Activity

Mitsui has set the goal of “recycling rate of 85% or higher” for Head Office and corporate buildings in Osaka and Nagoya and promote reducing waste, reuse, recycling, and appropriate waste dispose. We are working to reduce paper consumption at the Head Office and all offices in Japan by introducing various IT tools and promoting paperless meetings.

Category	Scope of Coverage	Unit	FY2018	FY2019	FY2020	External Assurance	Remarks
<b>Waste</b>							
Waste amount	Head Office and all offices in Japan	t	1,259	1,220	1,190	★	
Recycling rate		%	83.4	81.9	82.2	★	
Intensity	(per employee)	t/employee	0.316	0.309	0.316	★	
Hazardous waste	Specially-controlled industrial waste	t	1.3	1.1	1.1		*
<b>Paper Consumption</b>							
Paper consumption	Head Office and all offices in Japan	Thousand sheets (A4 size equivalent)	45,894	38,614	28,778	★	
Intensity	(per employee)	Thousand sheets/employee	11.20	9.51	7.18	★	

\* Infectious waste discharged from in-house clinic

## Environmentally-Friendly Logistics

Activity

In collaboration with our logistics partners, we implement energy-saving measures including promotion of economical driving practices and other fuel-saving techniques, improvement in transportation efficiency by using larger transport vehicles, introducing cargo consolidation arrangements, reviewing transport routes, and modal shift using rail and ship transport.

Category	Scope of Coverage	Unit	FY2018	FY2019	FY2020	External Assurance	Remarks
<b>Environmentally-friendly Logistics</b>							
Freight volumes handled by Mitsui	Domestic logistics handled by Mitsui		705	769	631	★	
(Breakdown)		Million ton-kilometers					
Ship			624	677	558	★	
Truck			81	92	73	★	
Air/Rail			0	0	0	★	
Intensity	(fuel per thousand ton-kilo-meters)	kl/thousand ton-kilometers	0.014	0.015	0.015	★	

### Initiatives toward Environmentally-Friendly Logistics

Improvement of Land Transport Efficiency	We will use more energy efficient transportation methods. <ul style="list-style-type: none"> <li>• Using consolidated cargo</li> <li>• Using larger transport vehicles to increase loading rates</li> <li>• Reviewing transport routes and methods</li> </ul>
Improvement of Sea Transport Efficiency	We will continue to provide the following guidance for vessels chartered and/or operated by our affiliated companies. <ul style="list-style-type: none"> <li>• Increasing ship loading rates</li> <li>• Economic cruise speed operation</li> </ul>

### Environmental Conservation/Economic Effects

Activity

The environmental conservation and economic effects in the areas of paper consumption and energy consumption during the fiscal year ended March 2020 are shown below.

Category	Scope of Coverage	Environmental Conservation Effects	Economic Effects
<b>Environmental Conservation/Economic Effects</b>			
Paper consumption	Head Office and all offices in Japan	9,836 thousand sheets	6,884 thousand JPY
Electricity consumption	Head Office and Mitsui-owned buildings	631 MWh	18,765 thousand JPY

### Assessment of Environmental Liabilities

Activity

Currently, corporate management is strongly expected to proactively deal with environmental issues. In addition to complying with legal requirements, we are working to monitor environmental risks of tangible fixed assets through self-driven surveys such as of land and buildings of Mitsui subsidiaries in Japan, especially for asbestos, PCB, and soil pollution, and make prompt decisions on management policies.

### Environment-Related Fines and Penalties

Activity

Mitsui did not incur any environment-related fines or penalties in the fiscal year ended March 2020.