

ESG Data List

(As of March 31, 2019)

E Environment				Non-consolidated			
① Input				Unit	Fiscal 2017	Fiscal 2018	Fiscal 2019
Raw material input	Total			kilotons	18,282	18,932	18,266
	Breakdown	Waste		kilotons	2,457	2,490	2,454
		Byproducts		kilotons	984	1,093	1,170
		Natural resources		kilotons	14,757	15,258	14,565
		Processed items and components		kilotons	83	91	77
	Percentage of recycled raw materials used			%	18.8	18.9	19.8
Energy input	Total			TJ	41,338	42,921	41,563
	Breakdown	Electricity		GWh	1,002	1,024	1,016
		Fuel (crude oil equivalent)		Megaliters	817	853	820
Water use	Total			thousand m³	417,765	430,139	420,942
	Fresh water used			thousand m³	12,870	14,771	14,369
	Breakdown	Municipal water		thousand m³	1,458	1,497	1,353
		Industrial water		thousand m³	4,156	4,244	4,381
		Groundwater		thousand m³	2,273	2,883	2,895
		Other fresh water		thousand m³	4,984	6,147	5,740
	Seawater used			thousand m³	404,895	415,368	406,573
	② Output				Unit	Fiscal 2017	Fiscal 2018
Greenhouse gas emissions	Total (CO₂ equivalent)			kilotons	7,795	8,098	7,933
	Breakdown	Derived from energy sources		kilotons	3,393	3,517	3,375
		Derived from processes		kilotons	3,983	4,143	4,073
		Derived from waste		kilotons	396	418	468
		Other		kilotons	22	20	17
Water discharged	Total			thousand m³	413,977	426,107	417,554
	Amount (excluding amount discharged into sea)			thousand m³	7,087	7,798	8,060
	Breakdown	Lakes and rivers		thousand m³	6,843	7,577	7,837
		Sewers		thousand m³	187	167	169
		Other		thousand m³	57	54	54
Sea			thousand m³	406,890	418,309	409,493	
Emissions into the air	SOx			tons	708	1,046	813
	NOx			tons	10,859	11,771	10,932
	Soot and dust			tons	220	219	229
Emissions into water	BOD			tons	16	47	32
	COD			tons	24	29	25
	Nitrogen			tons	178	112	148
	Phosphorus			tons	0	0	0
Volume of industrial waste	Total			tons	12,368	12,577	13,816
	Breakdown	Sent to be recycled	Hazardous	tons	7,507	1,383	1,329
			Non-hazardous	tons		6,073	6,399
		Sent to landfill	Hazardous	tons	4,861	343	533
			Non-hazardous	tons		4,778	5,555
Chemicals released and transferred	Amount released into		Atmosphere	tons	27	18	28
			Public waters	tons	29	41	36
			Soil	tons	0	0	0
			Landfills	tons	0	0	0
	Amount transferred to		Sewers	tons	-	-	-
			Waste	tons	150	47	33

③ Spending on environmental preservation		Unit	Fiscal 2017	Fiscal 2018	Fiscal 2019
Investment	Business area costs	million yen	3,078	3,531	1,541
	Pollution prevention costs	million yen	1,373	1,139	867
	Global environmental conservation costs	million yen	1,065	1,455	457
	Resource recycling costs	million yen	640	937	217
	Upstream/downstream costs	million yen	0	0	0
	Administration costs	million yen	108	63	142
	R&D costs	million yen	214	27	4
	Social activity costs	million yen	0	0	0
	Environmental remediation costs	million yen	0	0	9
Costs	Business area costs	million yen	4,100	4,433	5,763
	Pollution prevention costs	million yen	1,555	2,802	2,608
	Global environmental conservation costs	million yen	1,105	187	250
	Resource recycling costs	million yen	1,440	1,444	2,905
	Upstream/downstream costs	million yen	0	0	0
	Administration costs	million yen	311	333	295
	R&D costs	million yen	91	12	28
	Social activity costs	million yen	10	14	11
	Environmental remediation costs	million yen	260	151	101

Note 1: The data on the volume of industrial waste represent values reported in accordance with the Waste Management and Public Cleansing Act.

Note 2: The data on chemicals released and transferred represent values reported under the Japanese Pollutant Release and Transfer Register (PRTR) system.

S Society			Non-consolidated except for the item with spacial notes			
			Unit	Fiscal 2017	Fiscal 2018	Fiscal 2019
	Human resources	Number of employees (non-consolidated)	persons	4,580	4,664	4,807
		Number of employees (consolidated)	persons	24,859	26,959	28,426
		Percentage of employees holding rights of collective bargaining	%	73.3	73.8	74.1
		Number of graduate recruits	persons	177	195	194
		Average age	years old	41.1	41.7	41.2
		Average duration of service	years	17.5	17.5	17.2
		Average overtime hours	hours	18.3	18.8	20.7
		Percentage of paid holidays taken	%	82.4	79.3	85.1
		Percentage of employees with disabilities	%	2.27	2.34	2.32
		Percentage of women in management positions	%	1.37	1.47	1.57
		Number of employees taking maternity leave	persons	20	14	18
		Number of employees taking childcare leave	persons	40	36	38
		Percentage of employees who returned to work after maternity and childcare leave	%	100	100	100
		Number of employees taking family care leave	persons	4	3	5
		Employee turnover	%	4.0	3.6	4.0
	Education	Number of employees receiving education and training *1	persons	20,080	20,758	20,626
	Safety	Occupational accident frequency rate	Number of accidents per million total working hours	0.18	0.09	0.26
		Number of occupational accidents	Number of accidents	26	22	23
	Social contribution	Spending on social contribution (excluding political donations)	million yen	276	352	344

*1 The number of employees receiving education and training were counted for 69 affiliated companies in FY 2015 and FY 2016, and 70 affiliated companies in FY 2017.

G Governance			Non-consolidated except for the item with spacial notes			
				Fiscal 2017	Fiscal 2018	Fiscal 2019
	Corporate governance	Number of directors	persons	9	9	11
		Number of outside directors	persons	3	3	6
		Number of female directors	persons	1	1	1
		Percentage of female directors	%	11.1	11.1	9.1
		Remuneration for directors (total)	million yen	431	455	413
	Compliance	Number of reports and inquiries received through the in-house reporting system *2	Number of reports	38	41	61

*2 Mitsubishi Materials Corporation and its affiliated companies (70 companies, including non-consolidated subsidiaries)

Note: Fiscal 2019 shall mean the fiscal year ending on March 31, 2019.