

## Non-Financial Data

All of the Bridgestone Group's environmental data and a portion of its social data in FY2022 are verified by SOCOTEC Certification Japan, a third-party institution, to ensure the accuracy and transparency of this information. See the Group's [ESG Data](#) section of its website for complete information including GRI-listed items.

### ESG Data

[www.bridgestone.com/responsibilities/esgdata/](http://www.bridgestone.com/responsibilities/esgdata/)

**LEGEND** FY2022 data items in **bold** are those for which assurance is provided by third party institution.

Environment-related Data <sup>1</sup>	FY2018	FY2019	FY2020	FY2021	FY2022	Unit
<b>Materials</b>						
<b>Amount of raw materials used</b>	5,233	5,051	4,150	4,611	4,389	Thousand tonnes
<b>Resource productivity<sup>2</sup></b>	698 (6.29)	698 (6.37)	722 (6.98)	704 (6.12)	936 (7.05)	Million JPY/Thousand tonnes (Thousand USD/tonnes)
<b>Ratio of recycled and renewable material<sup>3</sup></b>	—	—	37	37	38	%
<b>(Ratio of renewable material)<sup>3</sup></b>	—	—	26	26	26	%
<b>(Ratio of recycled material)<sup>3</sup></b>	—	—	11	11	12	%
<b>Energy</b>						
<b>Total energy consumption (Manufacturing sites &amp; Non-manufacturing sites)<sup>4,5</sup></b>	46,014	45,002	38,311	42,726	45,132	Thousand GJ
<b>Energy consumption (fuel)<sup>5,6</sup></b>	26,881	26,192	22,032	24,668	25,959	Thousand GJ
<b>Energy consumption (purchased electricity)<sup>5</sup></b>	4,929	4,852	4,192	4,654	5,012	Thousand MWh
<b>Energy consumption (purchased steam)<sup>5</sup></b>	1,429	1,382	1,191	1,248	1,111	Thousand GJ
<b>Total energy consumption (renewable)<sup>5</sup></b>	885	953	1,767	2,847	4,702	Thousand GJ
<b>Total energy consumption (non-renewable)<sup>5</sup></b>	45,130	44,049	36,545	39,879	40,429	Thousand GJ
<b>Water</b>						
<b>Total water withdrawal<sup>7</sup></b>	71,303	68,303	63,744	66,744	68,039	Thousand m <sup>3</sup>
<b>Water withdrawal (surface water)</b>	2,926	3,131	2,856	2,729	3,217	
<b>Water withdrawal (groundwater)</b>	10,312	9,708	8,480	9,086	8,942	
<b>Water withdrawal (water supply, industrial water)</b>	18,384	17,619	16,137	17,249	16,954	
<b>Water withdrawal (seawater)</b>	39,681	37,844	36,271	37,678	38,927	
<b>Total water withdrawal by manufacturing facilities in water stress areas<sup>8</sup></b>	3,495	3,208	2,873	2,981	2,712	

1. Figures represent all Bridgestone Group facilities for the period of January 1 to December 31 for each year referenced. Includes some estimates.

2. Sales per raw material used.

3. Within total material weight for tire products including tire casing for retreading.

4. Calculation method: Fuel consumption + Purchased electricity + Purchased steam + Solar power generation, etc. - Electricity sold.

5. The scope of FY2022 data are Manufacturing and Non-Manufacturing sites, The scope of FY2018-FY2021 data are only Manufacturing sites.

6. Includes fuel used for in-house power generation.

7. Water withdrawal does not include the recycled water from third parties and rainwater.

8. Manufacturing facilities that have water-related risks due to their locations in areas with the risk of deterioration of fresh water resources in terms of quantity and quality.

Environment-related Data <sup>1</sup>	FY2018	FY2019	FY2020	FY2021	FY2022	Unit
<b>Emissions</b>						
Greenhouse gas emissions at manufacturing sites (CO <sub>2</sub> Scope 1)	1,868	1,807	1,504	1,722	1,711	Thousand t-CO <sub>2</sub>
Greenhouse gas emissions at manufacturing sites (CO <sub>2</sub> Scope 2, market-based)	2,263	2,139	1,659	1,664	1,370	Thousand t-CO <sub>2</sub>
Greenhouse gas emissions at manufacturing sites (CO <sub>2</sub> Scope 1 + Scope 2, market-based)	4,131	3,946	3,162	3,387	3,081	Thousand t-CO <sub>2</sub>
Greenhouse gas emissions at non-manufacturing sites (CO <sub>2</sub> Scope 1 + Scope 2, market based)	—	—	—	—	211	Thousand t-CO <sub>2</sub>
Greenhouse gas emissions (CH <sub>4</sub> and N <sub>2</sub> O Scope 1 + Scope 2)	17	16	14	16	14	Thousand t-CO <sub>2</sub> e
Greenhouse gas emissions (Scope 3) <sup>9</sup>	125,110	110,378	100,097	113,421	109,688	Thousand t-CO <sub>2</sub>
NOx emissions <sup>10</sup>	2,041	1,969	1,629	1,839	1,875	Tonnes
SOx emissions <sup>10</sup>	937	850	603	588	500	Tonnes
<b>Waste</b>						
Volume of waste generated <sup>11</sup>	352	359	289	289	285	Thousand tonnes
Volume of recycled waste <sup>12</sup>	311	308	259	272	268	Thousand tonnes
Recycling waste rate <sup>13</sup>	88	86	90	94	94	%
Volume of waste to landfill	41	52	30	17	17	Thousand tonnes
Volume of regulated hazardous waste generated <sup>14</sup>	20	21	19	20	25	Thousand tonnes
<b>Environmental Management</b>						
Sites with ISO 14001 certification <sup>15</sup>	98.7	98.1	98.0	99.3	100	%

9. Category 8 and 13 are excluded from the 15 categories in Scope 3 of the GHG protocol.

10. Emissions from combustion of fossil fuels estimated based on fuel consumption data and corresponding emission factors.

11. Total volume of waste including non-hazardous waste and regulated hazardous waste.

12. Calculation method: Volume of waste generated - Volume of waste to landfill.

13. Calculation method: Volume of recycled waste / Volume of waste generated.

14. Calculated based on laws of each country. The calculation scope of regulated hazardous waste is partially expanded from 2022.

15. Within 113 sites that are targeted for ISO 14001 certification (as of December 31, 2022).

## Non-Financial Data

Social-related Data	Japan <sup>1</sup>	Americas	Europe, Russia, Middle East, India and Africa	China, Asia Pacific	Total	Unit
Number of employees <sup>2</sup>	38,389	50,198	21,591	19,084	129,262	Persons

1. "Japan" includes "Japan", "Other", and "Company-wide (common)" segments as presented in the Annual Securities Report.

2. As of December 31, 2022.

Social-related Data	Segment	Total	Top mgmt. positions <sup>2</sup>	Management positions <sup>3</sup>		Total mgmt. positions	Other staff and positions	Unit
				Mgmt. positions <sup>3</sup>	Junior mgmt. positions <sup>4</sup>			
Ratio of female employees <sup>1</sup>	Japan <sup>5</sup>	12.2	6.1	4.3	6.4	5.3	13.6	%
	Americas	12.6	25.5	23.2	10.4	14.8	12.3	
	Europe, Russia, Middle East, India and Africa	12.6	15.1	14.6	18.8	17.6	11.8	
	China, Asia Pacific	9.7	12.6	19.0	23.6	22.8	8.7	
	Total	12.0	10.7	11.6	12.5	12.1	12.0	

1. Data as of December 31, 2022 from 128,811 employers and employees (99.4% of total workforce).

2. Management positions with a reporting line no more than two levels below the CEO in each company.

3. All managerial position excluding "Top management positions" and "Junior management positions."

4. First-line managers, junior managers and the lowest level of management within a company's management hierarchy.

5. "Japan" includes "Japan", "Other", and "Company-wide (common)" segments as presented in the Annual Securities Report.

Social- and Governance-related Data		FY2018	FY2019	FY2020	FY2021	FY2022	Unit
Global Executive Committee members	Total	9	14	11	11	12	Persons
	Number of foreign members	5	7	6	6	6	Persons
	Percentage of foreign members	55.6	50.0	54.5	54.5	50.0	%
Executive officers, vice presidents and senior officers <sup>1</sup>	Total	52	60	51	16	20	Persons
	Number of foreign members	10	11	9	5	7	Persons
	Percentage of foreign members	19.2	18.3	17.6	31.3	35.0	%
Product safety	Sites with ISO 9001 certification	99.3	99.4	100	99.2	100	%
Provision for product warranties	Balance at beginning of year	—	6,308	8,459	9,040	6,797	Million JPY
	Decrease (used)	—	4,186	11,371	6,030	5,469	Million JPY
Occupational safety	Lost-time injury frequency rate of employees and temporary staff	—	2.86	2.57	2.75	2.74	—
	Lost-time injury frequency rate of contractors	—	1.86 <sup>2</sup>	2.31	0.79	0.62	
	Serious injury rate of employees and temporary staff	—	0.09	0.04	0.08	0.08	
	Serious injury rate of contractors	—	0.29 <sup>2</sup>	0.19	0.11	0.06	
	Occupational illness frequency rate of employees and temporary staff	—	—	0.50 <sup>3</sup>	1.33	0.68	

Data as of December 31 for each year referenced.

1. Including officers of Bridgestone subsidiaries. Data for 2021 and 2022 are the number of vice presidents and senior officers only, while data for 2018, 2019, and 2020 include other officers.

The change is due to the elimination of the executive officer system in 2020.

2. Figures are for the six months from July to December 2019.

3. Figures are for the six months from July to December 2020.