

SUSTAINABILITY DATA

The Bridgestone Group discloses environmental, social, and governance (ESG) initiatives to its stakeholders via its Sustainability Report and the CSR section of its website. This Annual Report contains a selection of quantitative information from those publications—which have been disclosed with reference to Sustainability Accounting Standards Board (SASB) ESG disclosure standards for auto parts—and have been deemed particularly important for investors, the primary targets of this report.

Detailed ESG Information

For more detailed information regarding our ESG areas, please refer to *Sustainability Report 2018–2019* (release date: June 26, 2019), or our CSR website. The reporting period and scope of the Sustainability Report are stated below.

Reporting Period

The Sustainability Report focuses on data and activities for fiscal 2018 (the period from January 1 to December 31, 2018), although it also includes some information applicable to years before and after fiscal 2018.

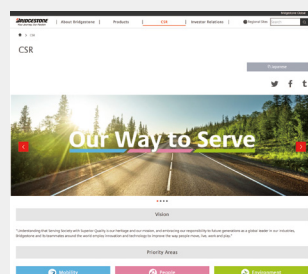
Organizational Coverage

The Sustainability Report covers the initiatives of the Bridgestone Group, including Bridgestone Corporation and subsidiaries and affiliates around the world.

Sustainability Report



CSR Website



<https://www.bridgestone.com/responsibilities/index.html>

Total Energy Consumption

46,358 thousand GJ

(Thousand GJ)



The Bridgestone Group operates businesses around the world. The Group is working to meet various global needs while creating sustainable value by harmonizing society and the environment. Therefore, the Group has implemented energy-saving measures in its plants and offices in order to operate through the effective use of limited energy resources. Total energy consumption (total consumption at manufacturing plants) increased to 46,358 thousand GJ in fiscal 2018, a 1.3% increase from the previous fiscal year.

Withdrawal of Freshwater*

34,359 thousand m³

(Thousand m³)



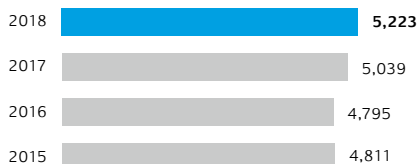
The Bridgestone Group employs cooling water and steam in the production process. Continued use of such water resources cannot be separated from the continuation of business for the Group. The Group is therefore working to address this issue through activities to reduce water withdrawal. In 2018, the Group achieved 37% reduction of water withdrawal per unit compared with 2005, which exceeded our 2020 target (35% reduction), reflecting significant improvements over the previous year.

* Does not include recycled water from third parties and rainwater.

Amount of Raw Materials Used

5,223 thousand tonnes

(Thousand tonnes)



Given the increase in demand accompanying population growth and people's more convenient lifestyles, there are concerns that, if nothing changes, the growth in demand for raw materials will exceed the earth's capacity. To avoid this, the Bridgestone Group is taking steps to improve its resource productivity by promoting new business models and the development of technology. In fiscal 2018, raw material consumption increased to 5,223,000 tonnes, a 3.7% increase from the previous fiscal year.

Amount of Recycled Rubber

21,155 tonnes

(Tonnes)

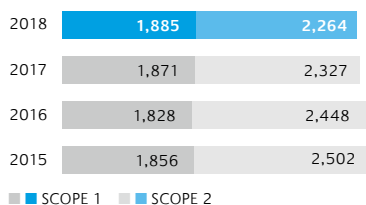


The increasing number of automobiles will likely boost tire demand in the future. However, with this increase comes the need to consider the increase in resource consumption and environmental burden. As part of our efforts to value natural resources, the Bridgestone Group uses recycled rubber. The amount of recycled rubber increased to 21,155 tonnes in fiscal 2018, a 3.9% increase from the previous fiscal year.

Greenhouse Gas Emissions

SCOPE 1 1,885 thousand t-CO₂

SCOPE 2 2,264 thousand t-CO₂

(Thousand t-CO₂)

As a responsible corporate citizen, the Bridgestone Group is paying close attention to the ongoing and projected impacts of climate change and science-based CO₂ emission reduction goals. Based on the projections of the Intergovernmental Panel on Climate Change (IPCC) and other internationally recognized agencies, the Group has established a goal to reduce CO₂ emissions in its business operations. In fiscal 2018, scope 1 greenhouse gas emissions amounted to 1,885 thousand t-CO₂, and scope 2 emissions amounted to 2,264 thousand t-CO₂, for an overall decrease of 48,000 t-CO₂ from the previous fiscal year.

Volume of Waste Generated

355 thousand tonnes

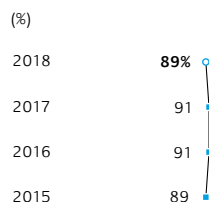
(Thousand tonnes)



The Bridgestone Group strives to effectively use natural resources and to develop activities to promote them throughout their entire lifecycles, from procurement to disposal and recycling. Therefore, the Bridgestone Group is making efforts to reduce the volume of generated waste at each production facility and to reduce the occurrence of defective products through thorough quality control. In fiscal 2018, the Group generated 355,000 tonnes of waste.

Recycling Waste Rate

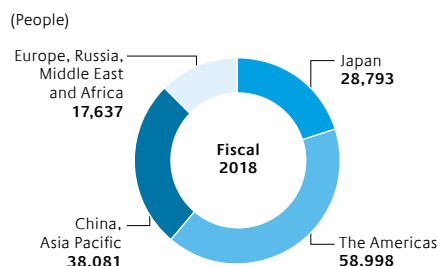
89 %



The Bridgestone Group envisions a robust circular economy. As a part of our activities, the Group recycles waste generated at production facilities to the greatest extent possible for internal and external purposes. In fiscal 2018, the ratio of recycled waste decreased to 89%, down 2 percentage points from the previous fiscal year.

Number of Employees

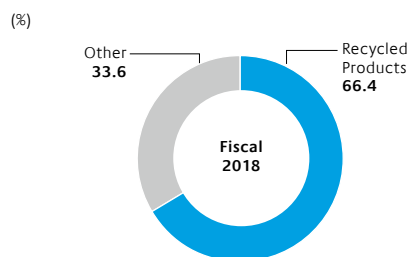
143,509



In fiscal 2018, the Bridgestone Group had 143,509 employees. This number includes 58,998 employees in the Americas, 38,081 in China, Asia Pacific, and 17,637 in Europe, Russia, Middle East and Africa.

Reclaimed Products Rate*

66.4 %

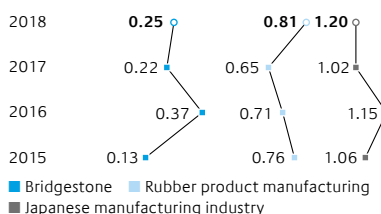


End-of-life tires for passenger cars, trucks, and buses are repurposed into construction materials, rubberized asphalt, landscaping mulch, floor mats, tire derived fuel, and even components and materials in new tires. In fiscal 2018, the ratio of reclaimed products was 66.4%.

* Ratio of beneficial use such as material recycle, energy recovery, etc., except for retread, based on latest statistical data of tires.

Frequency Rate* of Work-Related Accidents

Bridgestone 0.25



The Bridgestone Group has established Global Criteria for Occupational Injury to classify injuries occurring at the Group's production, distribution, and sales facilities as well as warehouses. In addition to compiling injury statistics on a quarterly basis, the Group puts relevant investigation results to use in preventing similar injuries. In fiscal 2018, the frequency of work-related injuries in Bridgestone Corporation was 0.25, below the average of both the Japanese manufacturing industry and rubber product manufacturing.

* Frequency rate = (number of casualties / total actual working hours) × 1,000,000