

# Conservation of water resources in production processes

Performance

GRI303-3  
 GRI303-4  
 GRI303-5  
 GRI307-DMA

▶ Environmental Data  
 ▶ CDP Water Security

The Ajinomoto Group aims to reduce water consumption per production volume unit (intensity) by 80% by fiscal 2030 (compared with fiscal 2005). We have set a progress target toward our fiscal 2030 goal of reducing usage by 78% (vs. fiscal 2005) over the three-year period between fiscal 2018 and fiscal 2020.

During fiscal 2019, we reduced water usage by approximately 155 million tons compared to our base year, achieving our target of 78% reduction in water consumption per production volume unit (intensity). We will continue in fiscal 2020 to implement water-saving measures and improve production processes in every facility.

## Targets and results for conservation of water resources

	FY2019		FY2020 Target	FY2030 Target
	Target	Result		
Reduction rate of water consumption per production volume unit (vs. FY2005)	78%	78%	78%	80%

## Water use/intensity

(1,000 kt)

	FY2005 (Base year)	FY2015	FY2016	FY2017	FY2018	FY2019
Total water withdrawal <sup>[1]</sup>	221,863	76,912	74,041	74,844	69,892	66,926
Fresh surface water	180,363	25,272	23,559	24,433	20,672	19,630
Brackish surface water/ seawater	0	0	0	0	0	0
Fresh groundwater- renewable	0	0	0	0	0	0
Fresh groundwater-non- renewable	–	16,972	15,859	16,371	15,076	14,366
Produced water	0	0	0	0	0	0
Municipal water (including industrial water)	41,500	34,668	34,623	34,041	34,144	32,930
Water consumption per production volume unit (intensity per ton of product)	123	30	28	28	27	27
Reduction rate	–	75%	77%	77%	78%	78%
Reference value: Production volume (1,000 kt)	1,800	2,532	2,657	2,684	2,627	2,512
Total water discharge	201,300	60,873	59,701	60,464	55,800	52,342
Fresh surface water	53,000	27,418	27,419	29,813	29,231	26,649
Brackish surface water/ seawater	0	0	0	0	0	0
Groundwater	0	0	0	0	0	0
Third-party destinations	4,300	10,171	9,909	9,827	9,540	8,939
Total water recycled or reused	144,000	23,284	22,373	20,824	17,029	16,754
Proportion of water recycled or reused	65%	30%	30%	28%	24%	25%
Total water use	20,563	16,039	14,340	14,380	14,092	14,584
BOD (tons)	550	268	269	294	312	283
Nitrogen (tons)	3,200	424	445	394	501	506

[1] We disclose water withdrawal based on measurements or invoiced volumes according to the applicable national or local laws. We may also disclose water withdrawal based on a volume conversion from pump power use or pipe water speed. We disclose water discharge volume and quality based on values collated from measurements based on applicable national or local laws.

## Conservation of Water Resources

### Performance

GRI303-1

▶ *Forest of Blendy®*:  
 Conservation of  
 forests and water  
 (Japanese only)

### Forest conservation at water sources

The Ajinomoto Group aims to increase our recharge rate of drinking water in forests to 100% or more by fiscal 2025. In fiscal 2019, our performance was 85%.

AGF Suzuka, Inc. and AGF Kanto, Inc., production bases for Ajinomoto AGF, Inc., use water from the Suzuka River and Arato River (a tributary of the Tone River), respectively. These water sources come from the foothills of the Suzuka Mountains and the southern foothills of Mount Akagi. The companies continue to expand forest land under contract in these areas, while engaging in the *Forest of Blendy®* initiative, which is a forest conservation program. During fiscal 2020, these companies plan to carry out conservation activities covering an area equivalent to the fiscal 2025 plan (25ha or more). The companies have improved the forests to a state for inviting customers to visit, conducting nature experiences as a set with plant tours.

These companies will continue forest conservation, cultivating water, increasing opportunities to share Group employee activities with local community, turning these resources into *sustainable education forests*.

#### Target and result for recharge rate of drinking water into forest

