

U N	G o a l	12. Ensure sustainable consumption and production patterns
	T a r g e t	12.2 By 2030, achieve the sustainable management and efficient use of natural resources
	I n d i c a t o r	12.2.2 Material footprint, material footprint per capita, and material footprint per GDP

I. Global indicator

<Type 2>

Indicator	Material footprint, material footprint per capita, and material footprint per GDP
Definition	Domestic Material Consumption (DMC) is a standard material flow accounting (MFA) indicator and reports the apparent consumption of materials in a national economy.

II. Data description

[Data] Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP

Calculation method	<ul style="list-style-type: none"> ■ Domestic material consumption (DMC) (tons) = M (all physical imports) + DE (materials extracted from domestic territory) - EX (all physical exports) ■ DMC per capita (tons) = $\frac{DMC}{Population}$ ■ DMC per GDP (kg/USD) = $\frac{DMC}{GDP}$
Unit	tone, tone, kg/USD
Data sources	Global Material Flows Database of UNEP
Calendar	<ul style="list-style-type: none"> ■ Time series: 2000-2017(All data for Korea are included) ■ Data release: Annually
Organizations	UNEP(United Nations Environment Programme)
Global indicator link	<ul style="list-style-type: none"> ■ Metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-12-02-02.pdf ■ Data: https://unstats.un.org/sdgs/indicators/database/