

Resource productivity (GDP/Domestic Material Consumption)

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Resource productivity is defined as the ratio between gross domestic product (GDP) and domestic material consumption (DMC). The indicator Domestic Material Consumption (DMC) is based on the Economy-wide Material Flow Accounts (EW-MFA).

The indicator is the lead indicator of the resource efficiency scoreboard

<http://measuring-progress.eu/resource-efficiency-scoreboard> [2]

Source: <http://ec.europa.eu/eurostat/tgm/web/table/description.jsp> [3]

Retrieved: 23 February 2015

Data host:

Eurostat

Unit of Measurement:

Euro per Kilogram (EUR/Kg)

Link to Data:

<http://ec.europa.eu/eurostat/tgm/table.do> [4]

Type of Indicator source:

- [Statistical office](#) [5]

Geographical Coverage:

Austria
Belgium
Bulgaria
Croatia
Cyprus
Czech Republic
Denmark
Estonia
Finland
France
Germany
Greece
Hungary
Iceland
Ireland
Italy
Latvia
Lithuania
Luxembourg

Malta
Netherlands
Norway
Poland
Portugal
Romania
Serbia
Slovakia
Slovenia
Spain
Sweden
Switzerland
United Kingdom

Geographical Level:

- [National](#) [6]

Same/similar indicators appears in the following sets:

- [Eco-Innovation Scoreboard \(EIO\)](#) [7]
- [EU Eurostat SDI Indicators](#) [8]
- [Eurostat](#) [9]
- [Eurostat Resource Efficiency Scoreboard](#) [10]

Methodological transparency:

- [Methodology not available](#) [11]

Indicator relation: **Relationship explanation:** similar type of indicator
Type of relation: Other arithmetical connection

Indicator: [Resource Efficiency Scoreboard](#) [12]
Type of relation: Aggregated indicator which includes the component

Indicator: [Eco-innovation Index](#) [13]
Type of relation: Aggregated indicator which includes the component

Indicator: [Resource Efficiency outcomes](#) [14]
Type of relation: Aggregated indicator which includes the component

Indicator: [Water productivity \(GDP/Water Footprint\)](#) [15]
Type of relation: Similar indicator

Indicator: [Energy productivity \(GDP/gross inland energy consumption\)](#) [16]
Type of relation: Similar indicator

Indicator: [GHG emissions intensity \(CO₂e/GDP\)](#) [17]
Type of relation: Similar indicator

Temporal Coverage:

2000 to 2013

Frequency of Updates:

- [annually](#) [18]

Indicator developer:

Eurostat

Link to Methodology:

[Eurostat Meta Data](#) [19]

Aggregation level of indicator:

- [Single](#) [20]

Data quality assesment:

- [Assessed by statistical office](#) [21]

Publishing delay:

- [1-3 years](#) [22]

Link to data quality assessment:

[Eurostat Meta Data](#) [19]

Contribution to the green economy:

The amount of GDP generated by unit of material resource use is a measure of efficiency. The more you can do with one unit of material resources the more sustainable the economy; i.e. the bigger ratio of EUR/Kg, the better for the progress towards the Green Economy

Cost of accessing data:

- [free of charge](#) [23]

Potential misinterpretation: Is productivity rising, but outweighed by overall DMC? If so, which components of DMC are increasing?

Related Indicator: [Components of domestic material consumption](#) [24]

Potential misinterpretation: Does the productivity appear improving, due to changes in GDP?

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 - [About the data in our Factsheets](#)

Related Indicator: [GDP \(current US\\$\)](#) [25]

Potential misinterpretation: If the resource productivity goes up, new energy intensive techniques might be implemented to use less resources.

Related Indicator: [Energy efficiency and energy consumption in industry](#) [26]

Use of indicator in mandates, international agreements or legislation:

Name of agreement or policy:

EU Sustainable Development Strategy

Name of body or organisation:

Eurostat

Link to body or organisation:

[Sustainable development indicators](#) [27]

Section or page to find indicator:

<http://epp.eurostat.ec.europa.eu/portal/page/portal/sdi/indicators/theme2>



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Source URL: <https://measuring-progress.eu/resource-productivity-gdpdomestic-material-consumption>

Links

[1] <https://measuring-progress.eu/coll-del/nojs/938>

[2] <http://measuring-progress.eu/resource-efficiency-scoreboard>

[3] <http://ec.europa.eu/eurostat/tgm/web/table/description.jsp>

[4] <http://ec.europa.eu/eurostat/tgm/table.do?tab=table&init=1&language=en&pcode=tsdpc100&plugin=1>

[5] <https://measuring-progress.eu/taxonomy/term/45>

[6] <https://measuring-progress.eu/taxonomy/term/33>

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- [7] <https://measuring-progress.eu/indicator-set/eco-innovation-scoreboard-eio>
 - [8] <https://measuring-progress.eu/taxonomy/term/67>
 - [9] <https://measuring-progress.eu/taxonomy/term/75>
 - [10] <https://measuring-progress.eu/indicator-set/eurostat-resource-efficiency-scoreboard>
 - [11] <https://measuring-progress.eu/taxonomy/term/35>
 - [12] <https://measuring-progress.eu/resource-efficiency-scoreboard>
 - [13] <https://measuring-progress.eu/eco-innovation-index>
 - [14] <https://measuring-progress.eu/resource-efficiency-outcomes>
 - [15] <https://measuring-progress.eu/water-productivity-gdpwater-footprint>
 - [16] <https://measuring-progress.eu/energy-productivity-gdpgross-inland-energy-consumption>
 - [17] <https://measuring-progress.eu/ghg-emissions-intensity-co2egdp>
 - [18] <https://measuring-progress.eu/taxonomy/term/17>
 - [19] http://ec.europa.eu/eurostat/cache/metadata/en/tsdpc100_esmsip.htm
 - [20] <https://measuring-progress.eu/taxonomy/term/27>
 - [21] <https://measuring-progress.eu/taxonomy/term/38>
 - [22] <https://measuring-progress.eu/taxonomy/term/25>
 - [23] <https://measuring-progress.eu/taxonomy/term/9>
 - [24] <https://measuring-progress.eu/components-domestic-material-consumption-%C2%A0%C2%A0%C2%A0-%C2%A0>
 - [25] <https://measuring-progress.eu/gdp-current-us>
 - [26] <https://measuring-progress.eu/energy-efficiency-and-energy-consumption-industry>
 - [27] <http://epp.eurostat.ec.europa.eu/portal/page/portal/sdi/indicators>