

Energy efficiency and energy consumption in industry

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Specific consumption per tonne produced : Energy consumption divided by the physical production (for steel, cement , paper)

Energy efficiency index of industry (ODEX) is a weighted average of the specific consumption index of 10 manufacturing branches.

(source; EEA, <http://www.eea.europa.eu/data-and-maps/indicators/energy-efficiency-and-...> [2], 11-2-2015)

Data host:

European Environment Agency

Unit of Measurement:

kilo tonnes (kt)

Link to Data:

<http://www.eea.europa.eu/data-and-maps/indicators/energy-efficiency-and-energy-c-...> [3]

Description to get data:

Couldn't find the data

Type of Indicator source:

- [Intergovernmental Organisation](#) [4]

Geographical Coverage:

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

Netherlands
Poland
Portugal
Romania
Slovakia
Slovenia
Spain
Sweden
United Kingdom

Geographical Level:

- [National](#) [5]

Same/similar indicators appears in the following sets:

- [European System of Social Indicators](#) [6]
- [EEA's environmental indicators/Environmental Pressure indicators](#) [7]

Methodological transparency:

- [Partial methodology available](#) [8]

Indicator relation: Indicator: [Energy efficiency and energy consumption in the household sector](#) [9]
Relationship explanation: for households instead of industry
Type of relation: Similar indicator

Indicator: [Energy efficiency and energy consumption in the transport sector](#) [10]
Relationship explanation: For transport
Type of relation: Similar indicator

Indicator: [Energy Efficiency](#) [11]
Relationship explanation: More general indicator
Type of relation: Other arithmetical connection

Temporal Coverage:

1990 to 2009

Frequency of Updates:

- [irregular](#) [12]

Indicator developer:

European Environment Agency

Link to Methodology:

[EEA site](#) [13]

Aggregation level of indicator:

- [Index or Composite](#) [14]

Publishing delay:

- [more than 3 years](#) [15]

Link to data quality assessment:

[EEA site](#) [13]

Contribution to the green economy:

The indicator tracks progress made in energy efficiency and reducing the energy consumption in the industry sector in EU-27 countries. Reducing the energy consumption in the industry sector will have a positive environmental impacts and save costs - therefore it is perceived positive for GE.

Cost of accessing data:

- [free of charge](#) [16]

Potential misinterpretation: Is energy consumption in industry decreasing, but the overall consumption is increasing?

Related Indicator: [Green jobs](#) [17]

Potential misinterpretation: Is the energy consumed by industry decreasing, but energy efficiency is not improving?

Related Indicator: [Energy Efficiency](#) [11]

Potential misinterpretation: Is the consumption of energy not decreasing, but the share of energy produced from renewable energy sources is increasing?

Related Indicator: [Share of renewable energy in gross final energy consumption](#) [18]

Potential misinterpretation: Are there major gains in efficiency in industry, but energy consumption is increasing?

Related Indicator: [Energy Consumption by Industry](#) [19]



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Source URL: <https://measuring-progress.eu/energy-efficiency-and-energy-consumption-industry>

Links

- [1] <https://measuring-progress.eu/coll-del/nojs/644>
- [2] <http://www.eea.europa.eu/data-and-maps/indicators/energy-efficiency-and-energy-consumption>
- [3] <http://www.eea.europa.eu/data-and-maps/indicators/energy-efficiency-and-energy-consumption-6/>
- [4] <https://measuring-progress.eu/taxonomy/term/52>
- [5] <https://measuring-progress.eu/taxonomy/term/33>
- [6] <https://measuring-progress.eu/taxonomy/term/74>
- [7] <https://measuring-progress.eu/taxonomy/term/65>
- [8] <https://measuring-progress.eu/taxonomy/term/36>
- [9] <https://measuring-progress.eu/energy-efficiency-and-energy-consumption-household-sector>
- [10] <https://measuring-progress.eu/energy-efficiency-and-energy-consumption-transport-sector>
- [11] <https://measuring-progress.eu/energy-efficiency>
- [12] <https://measuring-progress.eu/taxonomy/term/21>
- [13] <http://www.eea.europa.eu/data-and-maps/indicators/energy-efficiency-and-energy-consumption-6>
- [14] <https://measuring-progress.eu/taxonomy/term/30>
- [15] <https://measuring-progress.eu/taxonomy/term/26>
- [16] <https://measuring-progress.eu/taxonomy/term/9>
- [17] <https://measuring-progress.eu/green-jobs>
- [18] <https://measuring-progress.eu/share-renewable-energy-gross-final-energy-consumption-0>
- [19] <https://measuring-progress.eu/energy-consumption-industry>