

## Energy efficiency and energy consumption in industry

[SELECT](#) [1]

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]



The NETGREEN project has received funding from the European Union's Seventh Framework Programme for Research, Technological Development and Demonstration under the Grant Agreement no. 603877.

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

### Links

- [1] <https://measuring-progress.eu/coll-add/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>