

Energy-related emissions of particulate matter

[REMOVE](#) [1]

Combination of primary PM10 data, and emissions of secondary PM10 precursors (SO2 and NOx and NH3) weighted using aerosol formation factors (according to de Leeuw, 2002) NOx = 0.88, SO2 = 0.54 and NH3 = 0.64. Gaps in reported data have been filled by EEA/ETC-ACC where necessary using simple interpolation techniques. (Source: EEA, <http://www.eea.europa.eu/data-and-maps/indicators/energy-related-emissio...> [2])

Data host:

European Environment Agency

Unit of Measurement:

kilo tonnes (kt)

Link to Data:

<http://www.eea.europa.eu/data-and-maps/data/national-emissions-reported-to-the-c...> [3]

Description to get data:

Download file CLRTAP_NFR02_V14_csv.zip (ZIP archive)

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:

- [EEA's environmental indicators/Environmental Pressure indicators](#) [6]

Methodological transparency:

- [Partial methodology available](#) [7]

Indicator relation: **Indicator:** [Energy-related emissions of acidifying substances](#) [8]
Type of relation: Similar indicator

Indicator: [Energy-related emissions of ozone precursors](#) [9]
Type of relation: Similar indicator

Temporal Coverage:

1990 to 2005

Frequency of Updates:

- [annualy](#) [10]

Indicator developer:

European Environment Agency

Link to Methodology:

[EEA](#) [2]

Aggregation level of indicator:

- [Single](#) [11]

Data quality assesment:

- [Home](#)
 - [About the website](#)
 - [About the search options](#)
 - [About the data in our Factsheets](#)

- [No published quality assessment](#) [12]

Publishing delay:

- [more than 3 years](#) [13]

Link to data quality assessment:

[EEA](#) [2]

Contribution to the green economy:

Emissions of particulate matter are bad for health, and therefore should be avoided in a green economy

Cost of accessing data:

- [free of charge](#) [14]

Potential misinterpretation: Is less energy consumed due to an economic recession?

Related Indicator: [Real GDP, Index 1990=100](#) [15]

Potential misinterpretation: Is the environmental pressure 'Energy-related emissions of particulate matter' shifting to other countries whose energy is imported?

Related Indicator: [Complete Energy Balance Sheets](#) [16]



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Source URL: <https://measuring-progress.eu/energy-related-emissions-particulate-matter>

Links

[1] <https://measuring-progress.eu/coll-del/nojs/653>

[2] <http://www.eea.europa.eu/data-and-maps/indicators/energy-related-emissions-of-particulate-matter-1>

[3] <http://www.eea.europa.eu/data-and-maps/data/national-emissions-reported-to-the-convention-on-long-range-transboundary-air-pollution-lrtap-convention-8>

[4] <https://measuring-progress.eu/taxonomy/term/52>

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

[6] <https://measuring-progress.eu/taxonomy/term/65>

[7] <https://measuring-progress.eu/taxonomy/term/36>

[8] <https://measuring-progress.eu/energy-related-emissions-acidifying-substances>

[9] <https://measuring-progress.eu/energy-related-emissions-ozone-precursors>

[10] <https://measuring-progress.eu/taxonomy/term/17>

- [Home](#)
 - [About the website](#)
 - [About the search options](#)
 - [About the data in our Factsheets](#)

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- [11] <https://measuring-progress.eu/taxonomy/term/27>
 - [12] <https://measuring-progress.eu/taxonomy/term/37>
 - [13] <https://measuring-progress.eu/taxonomy/term/26>
 - [14] <https://measuring-progress.eu/taxonomy/term/9>
 - [15] <https://measuring-progress.eu/real-gdp-index-1990100>
 - [16] <https://measuring-progress.eu/complete-energy-balance-sheets>