

Exposure of ecosystems to acidification, eutrophication and ozone

[REMOVE](#) [1]

"The indicator shows the ecosystem or crops areas at risk of exposure to harmful effects of ozone as a consequence of air pollution, and shows the state of change in acidification, eutrophication and ozone levels of the European environment."

Retrieved from <http://www.eea.europa.eu/data-and-maps/indicators/exposure-of-ecosystems...> [2] on 27/01/2015

Data host:

European Environment Agency

Unit of Measurement:

Percentage (%)

Link to Data:

<http://www.eea.europa.eu/data-and-maps/indicators/exposure-of-ecosystems-to-acid...> [3]

Description to get data:

Go to figures and below "Data source" there are links to data.

Type of Indicator source:

- [Intergovernmental Organisation](#) [4]

Geographical Coverage:

Albania
Austria
Belgium
Bulgaria
Croatia
Cyprus
Czech Republic
Denmark
Estonia
Finland
France
Germany
Hungary
Iceland
Ireland
Italy
Latvia
Liechtenstein

Lithuania
Luxembourg
Macedonia
Malta
Netherlands
Norway
Poland
Portugal
Romania
Serbia
Slovakia
Slovenia
Spain
Sweden
Switzerland

Geographical Level:

- [Regional or Local](#) [5]

Same/similar indicators appears in the following sets:

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

Methodological transparency:

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

Indicator relation: Indicator: [Emission of acidifying substances](#) [8]

Type of relation: Break down of indicator(Former Differentiation by group)

Indicator: [Nutrient loadings to water bodies](#) [9]

Relationship explanation: The two indicators are related

Type of relation: Similar indicator

Indicator: [Nutrients in freshwater](#) [10]

Type of relation: Break down of indicator(Former Differentiation by group)

Indicator: [Ecosystem Wellbeing Index](#) [11]

Type of relation: Aggregated indicator which includes the component

Indicator: [Conservation status of habitats by habitat group](#) [12]

Type of relation: Aggregated indicator which includes the component

Indicator: [Critical load exceedance for nitrogen](#) [13]

Type of relation: Component indicator of the aggregate

Temporal Coverage:

2000 to 2020

Frequency of Updates:

- [annually](#) [14]

Indicator developer:

European Environment Agency

Link to Methodology:

[Exposure of ecosystems to acidification, eutrophication and ozone](#) [2]

Aggregation level of indicator:

- [Index or Composite](#) [15]

Data quality assesment:

- [assessed by international institution including WTO, OECD](#) [16]

Link to data quality assessment:

[Exposure of ecosystems to acidification, eutrophication and ozone \(CSI 005\) - Assessment published Dec 2013](#) [17]

Contribution to the green economy:

Smaller value of the indicator indicates less exceedance of critical loads for eutrophication due to the deposition of nutrient, which is beneficial for the environment and for the green economy in general.

Cost of accessing data:

- [free of charge](#) [18]

Potential misinterpretation: Is the indicator increasing, but the amount of nitrogen is still within the boundaries of environmental limits?

Related Indicator: [Nutrients in transitional, coastal and marine waters](#) [19]

Potential misinterpretation: Are decreasing acidification, eutrophication and ozone emissions indicating a deindustrialisation?

Related Indicator: [Industry, value added \(% of GDP\)](#) [20]

Potential misinterpretation: Are decreasing acidification, eutrophication and ozone emissions indicating declining agricultural activities?

Related Indicator: [Agriculture, value added \(% of GDP\)](#) [21]



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Source URL: <https://measuring-progress.eu/exposure-ecosystems-acidification-eutrophication-and-ozone>

Links

- [1] <https://measuring-progress.eu/coll-del/nojs/658>
- [2] <http://www.eea.europa.eu/data-and-maps/indicators/exposure-of-ecosystems-to-acidification-2/>
- [3] <http://www.eea.europa.eu/data-and-maps/indicators/exposure-of-ecosystems-to-acidification-2/exposure-of-ecosystems-to-acidification-5>
- [4] <https://measuring-progress.eu/taxonomy/term/52>
- [5] <https://measuring-progress.eu/taxonomy/term/31>
- [6] <https://measuring-progress.eu/taxonomy/term/65>
- [7] <https://measuring-progress.eu/taxonomy/term/34>
- [8] <https://measuring-progress.eu/emission-acidifying-substances>
- [9] <https://measuring-progress.eu/nutrient-loadings-water-bodies>
- [10] <https://measuring-progress.eu/nutrients-freshwater>
- [11] <https://measuring-progress.eu/ecosystem-wellbeing-index>
- [12] <https://measuring-progress.eu/conservation-status-habitats-habitat-group>
- [13] <https://measuring-progress.eu/critical-load-exceedance-nitrogen>
- [14] <https://measuring-progress.eu/taxonomy/term/17>
- [15] <https://measuring-progress.eu/taxonomy/term/30>
- [16] <https://measuring-progress.eu/taxonomy/term/39>
- [17] <http://www.eea.europa.eu/data-and-maps/indicators/exposure-of-ecosystems-to-acidification-2/exposure-of-ecosystems-to-acidification>
- [18] <https://measuring-progress.eu/taxonomy/term/9>
- [19] <https://measuring-progress.eu/nutrients-transitional-coastal-and-marine-waters>
- [20] <https://measuring-progress.eu/industry-value-added-gdp>
- [21] <https://measuring-progress.eu/agriculture-value-added-gdp>