

## Production and consumption of ozone depleting substances

[REMOVE](#) [1]

This indicator quantifies the production and consumption of ozone-depleting substances (ODS) in Europe. ODS are long-lived chemicals that contain chlorine or/and bromine and that destroy the stratospheric ozone layer.

The indicator presents production and consumption in units of tonnes of ODS, which is the amount of ODS produced or consumed, multiplied by their respective ozone depleting potential value. The UNEP - Ozone secretariat data are already provided in tonnes of Ozone Depleting Potential (ODP tonnes).

### Data host:

United Nations Environment Programme

### Unit of Measurement:

Tonnes of ODS weighted by their Ozone Depletion Potential (ODP).

### Link to Data:

[http://ozone.unep.org/new\\_site/en/ozone\\_data\\_tools\\_access.php](http://ozone.unep.org/new_site/en/ozone_data_tools_access.php) [2]

### Description to get data:

Select the relevant topics

### Type of Indicator source:

- [Intergovernmental Organisation](#) [3]

### Geographical Coverage:

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

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

## Geographical Level:

- [National](#) [4]

## Same/similar indicators appears in the following sets:

- [EEA's environmental indicators/Environmental Pressure indicators](#) [5]

## Methodological transparency:

- [Complete methodology available](#) [6]

**Indicator relation:** Indicator: [Emissions of ozone precursors](#) [7]

**Type of relation:** Similar indicator

**Indicator:** [Air Pollution by Ozone](#) [8]

**Type of relation:** Other arithmetical connection

## Temporal Coverage:

1986 to 2011

## Frequency of Updates:

- [annually](#) [9]

## Indicator developer:

European Environment Agency

## Link to Methodology:

[EEA](#) [10]

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## Aggregation level of indicator:

- [Aggregate](#) [11]

## Data quality assesment:

- [assessed by international institution including WTO, OECD](#) [12]

## Publishing delay:

- [1-3 years](#) [13]

## Link to data quality assessment:

[EEA](#) [10]

## Contribution to the green economy:

Since the mid 1980s various policy measures have been introduced to limit or phase-out the production and consumption of ozone-depleting substances (ODS) in order to protect the stratospheric ozone layer from depletion. This indicator tracks progress towards these objectives of limiting or phasing-out production and consumption of ODS. Depletion of stratospheric ozone leads to increases in ambient ultra-violet radiation at the surface, which has a wide variety of adverse effects on human health, aquatic and terrestrial ecosystems and food chains.

## Cost of accessing data:

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

**Potential misinterpretation:** Is the amount of ozone depleting substances being produced decreasing, but the overall production of toxic substances is increasing?

**Related Indicator:** [Production of toxic chemicals](#) [15]

## Use of indicator in mandates, international agreements or legislation:

## Name of agreement or policy:

Montreal protocol

## Name of body or organisation:

United nations

## Link to body or organisation:

[The Montreal Protocol on Substances that Deplete the Ozone Layer](#) [16]



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**Source URL:** <https://measuring-progress.eu/production-and-consumption-ozone-depleting-substances>

### Links

- [1] <https://measuring-progress.eu/coll-del/nojs/746>
- [2] [http://ozone.unep.org/new\\_site/en/ozone\\_data\\_tools\\_access.php](http://ozone.unep.org/new_site/en/ozone_data_tools_access.php)
- [3] <https://measuring-progress.eu/taxonomy/term/52>
- [4] <https://measuring-progress.eu/taxonomy/term/33>
- [5] <https://measuring-progress.eu/taxonomy/term/65>
- [6] <https://measuring-progress.eu/taxonomy/term/34>
- [7] <https://measuring-progress.eu/emissions-ozone-precursors>
- [8] <https://measuring-progress.eu/air-pollution-ozone-0>
- [9] <https://measuring-progress.eu/taxonomy/term/17>
- [10] <http://www.eea.europa.eu/data-and-maps/indicators/production-and-consumption-of-ozone>
- [11] <https://measuring-progress.eu/taxonomy/term/28>
- [12] <https://measuring-progress.eu/taxonomy/term/39>
- [13] <https://measuring-progress.eu/taxonomy/term/25>
- [14] <https://measuring-progress.eu/taxonomy/term/9>
- [15] <https://measuring-progress.eu/production-toxic-chemicals>
- [16] [http://ozone.unep.org/new\\_site/en/montreal\\_protocol.php](http://ozone.unep.org/new_site/en/montreal_protocol.php)