

## Global and European temperature

[REMOVE](#) [1]

This indicator shows absolute changes and rates of change in average near-surface temperature for the globe and for a region covering Europe. (Definition of EEA)

### Data host:

European Environment Agency

### Unit of Measurement:

degrees Celsius (°C) and degrees Celsius per decade (°C/decade)

### Link to Data:

<http://www.eea.europa.eu/data-and-maps/indicators/global-and-european-temperatur...> [2]

### Description to get data:

The website <http://www.eea.europa.eu/data-and-maps/indicators/global-and-european-temperature/global-and-european-temperature-assessment-8> provides graphs of the indicator. these graphs (and underlying data) can be downloaded

### Type of Indicator source:

- [Intergovernmental Organisation](#) [3]

### Geographical Coverage:

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

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Netherlands  
Poland  
Portugal  
Romania  
Slovakia  
Slovenia  
Spain  
Sweden  
United Kingdom

## Geographical Level:

- [Regional or Local](#) [4]

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

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

## Methodological transparency:

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

**Indicator relation:** Indicator: [Sea surface temperature](#) [7]

**Relationship explanation:** sea surface temperature is an important aspect to calculate and project global and European temperature

**Type of relation:** Aggregated indicator which includes the component

## Temporal Coverage:

1850 to 2100

## Frequency of Updates:

- [annualy](#) [8]

## Indicator developer:

European Environment Agency

## Link to Methodology:

[Global and European temperature \(CSI 012/CLIM 001/CLIM 003\) - Assessment published Aug 2014](#) [9]

## Aggregation level of indicator:

- [Single](#) [10]

## Data quality assesment:

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

- 
- [assessed by international institution including WTO, OECD](#) [11]

## Publishing delay:

- [more than 3 years](#) [12]

## Link to data quality assessment:

[Global and European temperature \(CSI 012/CLIM 001/CLIM 003\) - Assessment published Aug 2014](#) [9]

## Contribution to the green economy:

Since anthropogenic influence, mainly emissions of greenhouse gases, is responsible for most of the observed increase in global average temperature, decreasing/not-increasing temperature would indicate progress towards a Green Economy.

## Cost of accessing data:

- [free of charge](#) [13]

**Potential misinterpretation:** Are temperatures increasing slightly but having major effects?

**Related Indicator:** [Arctic sea ice extent](#) [14]

**Potential misinterpretation:** Is the global or European temperature rising less significant than the sea surface temperature?

**Related Indicator:** [Sea surface temperature](#) [7]

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

## Name of agreement or policy:

Sixth Environmental Action Programme (6EAP), UNFCCC Copenhagen Accord,

## Name of body or organisation:

European Union, UN

## Link to body or organisation:

[DG clima](#) [15]

## Section or page to find indicator:

<http://www.eea.europa.eu/data-and-maps/indicators/global-and-european-temperature/global-and-european->

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**Source URL:** <https://measuring-progress.eu/global-and-european-temperature>

### Links

- [1] <https://measuring-progress.eu/coll-del/nojs/691>
- [2] <http://www.eea.europa.eu/data-and-maps/indicators/global-and-european-temperature/global-and-european-temperature-assessment-8>
- [3] <https://measuring-progress.eu/taxonomy/term/52>
- [4] <https://measuring-progress.eu/taxonomy/term/31>
- [5] <https://measuring-progress.eu/taxonomy/term/65>
- [6] <https://measuring-progress.eu/taxonomy/term/36>
- [7] <https://measuring-progress.eu/sea-surface-temperature>
- [8] <https://measuring-progress.eu/taxonomy/term/17>
- [9] <http://www.eea.europa.eu/data-and-maps/indicators/global-and-european-temperature/global-and-european-temperature-assessment-8#toc-6>
- [10] <https://measuring-progress.eu/taxonomy/term/27>
- [11] <https://measuring-progress.eu/taxonomy/term/39>
- [12] <https://measuring-progress.eu/taxonomy/term/26>
- [13] <https://measuring-progress.eu/taxonomy/term/9>
- [14] <https://measuring-progress.eu/arctic-sea-ice-extent>
- [15] <http://ec.europa.eu/clima/>