

## Species diversity

[REMOVE](#) [1]

Species diversity is a measure of the diversity within an ecological community that incorporates both species richness (the number of species in a community) and the evenness of species' abundances. Species diversity is one component of the concept of biodiversity.

### Data host:

European Environment Agency

### Unit of Measurement:

Index without dimension

### Link to Data:

<http://www.eea.europa.eu/data-and-maps/indicators/species-diversity/species-dive...> [2]

### 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  
Poland  
Portugal  
Romania  
Slovakia  
Slovenia  
Spain  
Sweden

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Switzerland

## 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: [Abundance and distribution of selected species](#) [7]

Type of relation: Component indicator of the aggregate

## Temporal Coverage:

1980 to 2002

## Frequency of Updates:

- [annually](#) [8]

## Indicator developer:

European Environment Agency

## Link to Methodology:

[Species diversity](#) [9]

## Aggregation level of indicator:

- [Index or Composite](#) [10]

## Data quality assesment:

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

## Publishing delay:

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

## Link to data quality assessment:

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

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[Species diversity \(CSI 009\) - Assessment published Nov 2005](#) [13]

## Contribution to the green economy:

A higher value of species richness (the number of species in a community) and the evenness of species' abundances is beneficial for the environment and for the Green Economy in general.

## Cost of accessing data:

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

**Potential misinterpretation:** This indicator measures both species richness (the number of species in a community) and the species abundance. However, is the species abundance limited to a few places?

**Related Indicator:** [Abundance and distribution of selected species](#) [7]

**Potential misinterpretation:** However, is the plant species abundance limited to a few places?

**Related Indicator:** [Distribution of plant species](#) [15]

**Potential misinterpretation:** Is species diversity increasing due to the introduction of alien species which are not beneficial for the environment?

**Related Indicator:** [Invasive alien species in Europe](#) [16]

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

### Name of agreement or policy:

Convention on the Conservation of European Wildlife and Natural Habitats

### Name of body or organisation:

Council of Europe

### Link to body or organisation:

[Bern Convention](#) [17]



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**Source URL:** <https://measuring-progress.eu/species-diversity>

### Links

- [1] <https://measuring-progress.eu/coll-del/nojs/772>
- [2] <http://www.eea.europa.eu/data-and-maps/indicators/species-diversity/species-diversity-assessment-published-nov-2005>
- [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/abundance-and-distribution-selected-species>
- [8] <https://measuring-progress.eu/taxonomy/term/17>
- [9] [http://www.eea.europa.eu/data-and-maps/indicators/species-diversity#data\\_specifications](http://www.eea.europa.eu/data-and-maps/indicators/species-diversity#data_specifications)
- [10] <https://measuring-progress.eu/taxonomy/term/30>
- [11] <https://measuring-progress.eu/taxonomy/term/39>
- [12] <https://measuring-progress.eu/taxonomy/term/26>
- [13] [http://www.eea.europa.eu/data-and-maps/indicators/species-diversity/species-diversity-assessment-published-nov-2005#data\\_specifications](http://www.eea.europa.eu/data-and-maps/indicators/species-diversity/species-diversity-assessment-published-nov-2005#data_specifications)
- [14] <https://measuring-progress.eu/taxonomy/term/9>
- [15] <https://measuring-progress.eu/distribution-plant-species>
- [16] <https://measuring-progress.eu/invasive-alien-species-europe>
- [17] <http://conventions.coe.int/treaty/en/Treaties/Html/104.htm>