

SDG Goal 15

Life on land

SDG Target 15.5

Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species

SDG Indicator 15.5.1

Red List Index

Time series

"Red List" Index

1. General information on the time series

- Date of national metadata: 9 March 2023
- National data: <http://sdg-indicators.de/15-5-1/>
- Definition: The time series combines data on species endangerment from the German national Red Lists in a single measurement. The underlying data comprises assessments of species in Red List categories, which are a set of threat levels ranging from least concern to extinction. The final index is a percentage figure representing the threat status of all those Red List species covered by the time series.
- Disaggregation: Not available.

2. Comparability with the UN metadata

- Date of UN metadata: December 2023
- UN metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-15-05-01.pdf>
- The time series is not compliant with the UN metadata, but provides additional information. In contrast to the UN metadata the Index ranges between 0 and 100 differing to the scale of 0 to 1. In addition, a high value in the definition of the UN metadata means that few species are endangered but for the reported index a high value represents a high degree of endangerment.

3. Data description

- The data basis for the calculation of the time series is nationwide red lists. These are updated approximately every ten years by expert committees. Species are given different weightings according to their threat status when compiling the data. The more severely endangered a species, the greater the extent to which it affects the value of the data. The compiled index results in a scale on which zero percent would be attained if no species were endangered or extinct in the wild. At 100 percent, all assessed species would be extinct in the wild.

4. Access to data source

- Indicator Report 2019 under the National Strategy on Biological Diversity:
<https://www.bmu.de/en/download/indicator-report-2019-of-the-federal-government-under-the-national-strategy-on-biological-diversity>
- Indicator Report 2023 under the National Strategy on Biological Diversity (only available in German):
<https://www.bmu.de/download/indikatorenbericht-2023-der-bundesregierung-zur-nationalen-strategie-zur-biologischen-vielfalt>

5. Metadata on source data

- Not available.

6. Timeliness and frequency

- Timeliness: Not available.
- Frequency: Approximately every ten years

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

Not available.