

SDG Goal 15 Life on land

SDG Target 15.1 By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements

SDG Indicator 15.1.1 Forest area as a proportion of total land area

1. Name of data series	
Forest area as a proportion of total land area	
Compliant with SDG metadata: yes	SDG Metadata

2. Definition of indicator	
The indicator provides a percentage measure of the relative extent of forest areas in Germany.	
3. Comparison with SDG metadata (as of 02/2018)	
The indicator is compliant with the international metadata description of the SDG indicator 15.1.1.	

4. Data description	
<p>The data are gained as part of the area survey of the Federal Statistical Office, which categorizes the surface by land cover or land use. The main categories are settlement, transportation, vegetation and water surfaces, which are further subdivided into different subtypes. The area survey as a total calculation is based on administrative data of the Official Real Estate Cadastre of the Länder (federal states).</p> <p>Until 2015, the data was derived from the old Automated Real Estate Books (ALB). Since 2016 the Authoritative Real Estate Cadastre Information System (ALKIS) is used nation-wide in all Länder. With that semantic change a new land use type catalogue was applied. Therefore, a data comparison between the reference year 2016 and earlier years leads partly to inconsistencies. From 2016 on the time line is consistent again.</p>	
5. Calculation method	
$\text{Total land area} = \text{Total surface area (ha)} - \text{water surface (ha)}$ $\text{Forest area} = \frac{\text{Forest area (ha)} \times 100 \%}{\text{Total land area (ha)}}$	
6. Unit of measure	%

7. Timeliness	8. Frequency
t + 11 months	Annual
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data
Data from area survey (only available in German): https://www.destatis.de/DE/Themen/Branchen-Unternehmen/Landwirtschaft-Forstwirtschaft-Fischerei/Flaechennutzung/_inhalt.html Fachserie 3, Reihe 5.1 GENESIS online 33111-0003, Soil area (actual use): Germany, reference date (until 2015-12-31), types of use GENESIS online 33111-0001, Soil area (actual use): Germany, reference date, types of use
12. Metadata on source data
Quality report of area survey (only available in German): https://www.destatis.de/DE/Methoden/Qualitaet/Qualitaetsberichte/Land-Forstwirtschaft-Fischerei/einfuehrung.html
13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)
Not applicable

For more information please contact:

<https://www.destatis.de/EN/Service/Contact/Contact.html>