

SDG Goal 2 Zero hunger

SDG Target 2.4 By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality

SDG Indicator 2.4.1 Proportion of agricultural area under productive and sustainable agriculture

1. Name of time series	
Organically farmed agricultural land (data from Destatis)	
Compliant with global metadata: no	Global Metadata
2. Definition of time series	
The time series shows the share of total utilised agricultural land in Germany that is cultivated by organically managed farms subject to the inspection system prescribed by the EU legislation on organic farming (Regulation (EC) No. 834/2007 and the implementing rules. It includes land that has been fully converted to organic management as well as areas still undergoing conversion.	
3. Comparison with global metadata (as of 09/2020)	
The time series provides additional information.	
4. Data description	
The Federal Statistical Office uses various surveys to determine the amount of organically farmed land. The reference value for the proportional computation is the amount of agricultural land determined annually as part of the main survey of land use. The agricultural land includes all areas and sub-areas used for agricultural or horticultural purposes. Building and farmyard areas of agricultural businesses are therefore not included in the reference value.	
5. Calculation method	
Organically farmed land = $\frac{\text{Farming area under ecological management}}{\text{Total agriculture area}} \cdot 100$	
6. Unit of measure	%
7. Timeliness	8. Frequency
t + 3 -4 years	Triannual
9. Last regular revision	10. Revised period
Not applicable	Not applicable
11. Accessibility of source data	
Agricultural structural survey on ecological farming (only available in German): Agrarstrukturhebung "Betriebe mit ökologischem Landbau" - Fachserie 3, Reihe 2.2.1 https://www.destatis.de/DE/Themen/Branchen-Unternehmen/Landwirtschaft-Forstwirtschaft-Fischerei/Landwirtschaftliche-Betriebe/_inhalt.html#sprg239572	
12. Metadata on source data	

Agricultural structural survey on ecological farming (only available in German):
Agrarstrukturerhebung, "Betriebe mit ökologischem Landbau" - Fachserie 3 Reihe 2.2.1
https://www.destatis.de/DE/Themen/Branchen-Unternehmen/Landwirtschaft-Forstwirtschaft-Fischerei/Landwirtschaftliche-Betriebe/_inhalt.html#sprg239572

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SDG Indicator 2.4.1 Proportion of agricultural area under productive and sustainable agriculture

1. Name of time series	
Organically farmed agricultural land (data from BMEL)	
Compliant with global metadata: no	Global Metadata
2. Definition of time series	
The data collected by the BMEL (Federal Ministry of Food and Agriculture) includes details of the amount of organically farmed land reported annually by the organic regulatory authorities at the Länder. The reporting date is 31 December of each year. All reports for a current year are accumulated no later than this reporting date. For a variety of reasons, including the fact that land without a cut-off threshold is referred to all land with a cut-off threshold, the data from the BMEL contains slightly higher values.	
3. Comparison with global metadata (as of 09/2020)	
The time series provides additional information.	
4. Data description	
The Federal Statistical Office uses various surveys to determine the amount of organically farmed land. The reference value used in the denominator for the proportional computation is the amount of agricultural land determined annually as part of the main survey of land use. The agricultural land includes all areas and sub-areas used for agricultural or horticultural purposes. Building and farmyard areas of agricultural businesses are therefore not included in the reference value.	
5. Calculation method	
$\text{Ecological farming area} = \frac{\text{Farming area under ecological management}}{\text{Total agriculture area}} \cdot 100$	
6. Unit of measure	%
7. Timeliness	8. Frequency
Not available	Annual
9. Last regular revision	10. Revised period
Not applicable	Not applicable
11. Accessibility of source data	
Federal Ministry of Food and Agriculture data (only available in German): https://www.bmel.de/SharedDocs/Downloads/Landwirtschaft/OekologischerLandbau/OekolandbauInDeutschlandTabelle2.pdf;jsessionid=4FD56F94F9E68C9C140A6F3D9720B1FC.1_cid296	
12. Metadata on source data	
https://www.destatis.de/DE/Themen/Branchen-Unternehmen/Landwirtschaft-Forstwirtschaft-Fischerei/Landwirtschaftliche-Betriebe/_inhalt.html#sprg239572	

