SDG Goal 2	Zero hunger
SDG Target 2.5	By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed
SDG Indicator 2.5.2	Proportion of local and transboundary breeds classified as being at risk of extinction
Time series	Level of risk of extinction (according to FAO classification)

1. General information on the time series

- Date of national metadata: 7 June 2023
- National data: http://sdg-indicators.de/2-5-2/
- Definition: The time series measures the level of risk of extinction of local livestock breeds according to FAO classification.
- Disaggregation: level of risk of extinction

2. Comparability with the UN metadata

- Date of UN metadata: July 2024
- UN metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-02-05-02.pdf
- The time series is compliant with the UN metadata.

3. Data description

- The red list for local livestock breeds is used for the calculation of the time series. The list regular comprised by the Information System Genetic Resources (GENRES) of the Federal Office for Agriculture and Food (BLE).

4. Access to data source

- Information System Genetic Resources (GENRES):
  https://www.genres.de/en/

5. Metadata on source data

- See global metadata.

6. Timeliness and frequency

- Timeliness: t + 5 months
- Frequency: Every 4 years

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

$$\textbf{Level of risk of extinction} = \frac{\substack{\text{Local livestock breeds} \\ \text{(assigned to classification) [number]}}}{\text{Total local livestock breeds [number]}} \cdot 100 \, [\%]$$

SDG Goal 2	Zero hunger
SDG Target 2.5	By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed
SDG Indicator 2.5.2	Proportion of local and transboundary breeds classified as being at risk of extinction
Time series	Level of risk of extinction (according to national classification)

1. General information on the time series
- Date of national metadata: 7 December 2022
- National data: http://sdg-indicators.de/2-5-2/
- Definition: The time series measures the level of risk of extinction of local livestock breeds according to national classification.
- Disaggregation: level of risk of extinction

2. Comparability with the UN metadata
- Date of UN metadata: July 2024
- UN metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-02-05-02.pdf
- The time series is not compliant with the UN metadata, but provides additional information.

3. Data description
- The red list for local livestock breeds (horses, cows, pigs, sheep and goats) is used for the calculation of the time series. The list regular comprised by the Information System Genetic Resources (GENRES) of the Federal Office for Agriculture and Food (BLE).

4. Access to data source
- Information System Genetic Resources (GENRES): https://www.genres.de/en/
- Red list of domestic livestock breeds in Germany (only available in German): https://genres.de/en/sector-specific-portals/livestock/red-list-of-livestock-breeds/

5. Metadata on source data
- Not available.

6. Timeliness and frequency
- Timeliness: t + 5 months
- Frequency: Every 2 years

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

$$\text{Level of risk of extinction} = \frac{\substack{\text{Local livestock breeds} \\ \text{(assigned to classification) [number]}}}{\text{Total local livestock breeds [number]}} \cdot 100 \, [\%]$$

SDG Goal 2	Zero hunger
SDG Target 2.5	**By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed**
SDG Indicator 2.5.2	**Proportion of local and transboundary breeds classified as being at risk of extinction**
Time series	**Local livestock breeds (horses, cows, pigs, sheep and goats)**

1. General information on the time series

- Date of national metadata: 7 June 2023
- National data: http://sdg-indicators.de/2-5-2/
- Definition: The time series measures the number of local livestock breeds.
- Disaggregation: Not available.

2. Comparability with the UN metadata

- Date of UN metadata: July 2024
- UN metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-02-05-02.pdf
- The time series is denominator for the calculation of the SDG indicator.

3. Data description

- The red list for local livestock breeds is used for the calculation of the time series. The list regular comprised by the Information System Genetic Resources (GENRES) of the Federal Office for Agriculture and Food (BLE).

4. Access to data source

- Information System Genetic Resources (GENRES):
  https://www.genres.de/en/
- Red list of domestic livestock breeds in Germany (only available in German):
  https://genres.de/en/sector-specific-portals/livestock/red-list-of-livestock-breeds/

5. Metadata on source data

- Not available.

6. Timeliness and frequency

- Timeliness: t + 5 months
- Frequency: Every 2 years

7. Calculation method

- Unit of measurement: Number
- Calculation:

Not applicable.