

Overview of assessment of change for all indicators

Updated 20 October 2021, revised 28 October 2021

On 28 October 2021, the following indicator was updated, leading to a revision of the UK Biodiversity Indicators compendium

- A4 (Global biodiversity impacts of UK economic activity / sustainable consumption)

The information provided here is from the UK Biodiversity Indicators 2021 '[overview of assessments of change for all indicators](#)' table which summarises the assessments for the 24 indicators and their component measures.

This accompanying summary provides the following information:

- Indicator number and title.
- Details of associated measures or sub-measures (where applicable).
- Short-term and long-term assessments.
- Date the indicator was last updated.
- Date of the latest data available

The long-term assessment provides an assessment of change since the earliest date for which data are available, although if the data run is for less than ten years a long-term assessment is not made.

The short-term assessment provides an assessment of change over the latest five years. For a very few indicators the short-term change is over a longer time-period as a result of the frequency of update of the data upon which the indicators are based. For example, indicators C3a and C3b have a six year short-term assessment.

Further details are available on [Overview of assessment of change for all indicators](#) webpage on the JNCC website.

[A1. Awareness, understanding and support for conservation](#)

Long-term change Insufficient or no comparable data

Short-term change Insufficient or no comparable data

Last Updated 2020

Latest Data 2018

[A2. Taking action for nature: volunteer time spent in conservation](#)

Long-term change Improving 2000 to 2019

Short-term change Improving 2014 to 2019

Last Updated 2021

Latest Data 2019

[A3. Value of biodiversity integrated into decision making](#)

Long-term change Under development

Short-term change Under development

Last Updated 2019

Latest Data Not Applicable

A4. Global biodiversity impacts of UK economic activity / sustainable consumption

Long-term change Experimental Statistic – under review

Short-term change Experimental Statistic – under review

Last Updated 2021

Latest Data 2017

A5. Integration of biodiversity considerations into business activity

Long-term change Insufficient or no comparable data

Short-term change Insufficient or no comparable data

Last Updated 2021

Latest Data 2019

B1. Agricultural and forest area under environmental management schemes

B1a. Area of land in agri-environment schemes

Long-term change Improving 1992 to 2020

Short-term change Improving 2015 to 2020

Last Updated 2021

Latest Data 2020

B1b. Area of forestry land certified as sustainably managed

Official Statistic

Long-term change Improving 2001 to 2021

Short-term change Little or no overall change 2016 to 2021

Last Updated 2021

Latest Data 2021

B2. Sustainable fisheries

B2a. Percentage of marine fish stocks harvested sustainably

Long-term change Improving 1990 to 2019

Short-term change Improving 2014 to 2019

Last Updated 2021

Latest Data 2019

B2b. Biomass of marine fish stocks at full reproductive capacity

Long-term change Improving 1990 to 2019

Short-term change Deteriorating 2014 to 2019

Last Updated 2021

Latest Data 2019

B3. Climate change adaptation

Long-term change Under development

Short-term change Under development

Last Updated 2019

Latest Data Not Applicable

B4. Pressure from climate change (Spring Index)

Long-term change Not Assessed

Short-term change Not Assessed

Last Updated 2021

Latest Data 2020

B5. Pressure from pollution

B5a. Air pollution

B5a(i). Area affected by acidity

Long-term change Improving 1996 to 2018

Short-term change Improving 2013 to 2018

Last Updated 2021

Latest Data 2018

B5a(ii). Area affected by nitrogen

Long-term change Improving 1996 to 2018

Short-term change Improving 2013 to 2018

Last Updated 2021

Latest Data 2018

B5b. Marine pollution

Long-term change Improving 1990 to 2019

Short-term change Improving 2014 to 2019

Last Updated 2021

Latest Data 2019

B6. Pressure from invasive species

B6a. Freshwater invasive species

Long-term change Deteriorating 1960 to 2020

Short-term change Not assessed

Last Updated 2021

Latest Data 2020

B6b. Marine (coastal) invasive species

Long-term change Deteriorating 1960 to 2020

Short-term change Not assessed

Last Updated 2021

Latest Data 2020

B6c. Terrestrial invasive species

Long-term change Deteriorating 1960 to 2020

Short-term change Not assessed

Last Updated 2021

Latest Data 2020

B7. Surface water status

Long-term change Little or no overall change 2009 to 2020

Short-term change Little or no overall change 2015 to 2020

Last Updated 2021

Latest Data 2020

C1. Protected areas

C1a. Total extent of protected areas: on land

Long-term change Improving 1950 to 2021

Short-term change Little or no overall change 2016 to 2021

Last Updated 2021

Latest Data 2021

C1b. Total extent of protected areas: at sea

Long-term change Improving 1950 to 2021

Short-term change Improving 2016 to 2021

Last Updated 2021

Latest Data 2021

C1c. Condition of Areas/Sites of Special Scientific Interest

Long-term change Improving 2005 to 2021

Short-term change Deteriorating 2016 to 2021

Last Updated 2021

Latest Data 2021

C2. Habitat connectivity

Long-term change Experimental Statistic under review

Short-term change Experimental Statistic under review

Last Updated 2019

Latest Data 2012

C3. Status of European habitats and species

C3a. Status of UK habitats of European importance

Long-term change Deteriorating 2007 to 2019

Short-term change Deteriorating 2013 to 2019

Last Updated 2019

Latest Data 2019

C3b. Status of UK species of European importance

Long-term change Deteriorating 2007 to 2019

Short-term change Deteriorating 2013 to 2019

Last Updated 2019

Latest Data 2019

C4. Status of UK priority species

C4a. Relative abundance

Long-term change Deteriorating 1970 to 2019

Short-term change Little or no overall change 2014 to 2019

Last Updated 2021

Latest Data 2019

C4b. Distribution

Long-term change Little or no overall change 1970 to 2018

Short-term change Little or no overall change 2013 to 2018

Last Updated 2021

Latest Data 2018

UKBI - C5. Birds of the wider countryside and at sea

Official Statistic

C5a. Farmland birds

Long-term change Deteriorating 1970 to 2018

Short-term change Deteriorating 2013 to 2018

Last Updated 2021

Latest Data 2019

C5b. Woodland birds

Long-term change Deteriorating 1970 to 2018

Short-term change Deteriorating 2013 to 2018

Last Updated 2021

Latest Data 2019

C5c. Wetland birds

Long-term change Deteriorating 1975 to 2018

Short-term change Little or no overall change 2013 to 2018

Last Updated 2021

Latest Data 2019

C5d. Seabirds

Long-term change Not Assessed

Short-term change Not Assessed

Last Updated 2021

Latest Data 2019

C5e. Wintering waterbirds

Long-term change Improving between 1975 to 1976 and 2017 to 2018

Short-term change Little or no overall change between 2012 to 2013 and 2017 to 2018

Last Updated 2021

Latest Data 2018 to 2019

C6. Insects of the wider countryside (butterflies)

C6a. Habitat specialists

Long-term change Deteriorating 1976 to 2020

Short-term change Little or no overall change 2015 to 2020

Last Updated 2021

Latest Data 2020

C6b. Species of the wider countryside

Long-term change Little or no overall change 1976 to 2020

Short-term change Little or no overall change 2015 to 2020

Last Updated 2021

Latest Data 2020

C7. Plants of the wider countryside

Long-term change Experimental Statistic under review

Short-term change Experimental Statistic under review

Last Updated 2020

Latest Data 2019

C8. Mammals of the wider countryside (bats)

Long-term change Improving 1999 to 2019

Short-term change Improving 2014 to 2019

Last Updated 2021

Latest Data 2020

C9. Genetic resources for food and agriculture

C9a. Animal genetic resources – effective population size of Native Breeds at Risk

C9a(i). Goat breeds

Long-term change Improving 2004 to 2020

Short-term change Little or no overall change 2015 to 2020

Last Updated 2021

Latest Data 2020

C9a(ii). Pig breeds

Long-term change Deteriorating 2000 to 2020

Short-term change Deteriorating 2015 to 2020

Last Updated 2021

Latest Data 2020

C9a(iii). Horse breeds

Long-term change Deteriorating 2000 to 2020

Short-term change Deteriorating 2015 to 2020

Last Updated 2021

Latest Data 2020

C9a(iv). Sheep breeds

Long-term change Improving 2000 to 2020

Short-term change Improving 2015 to 2020

Last Updated 2021

Latest Data 2020

C9a(v). Cattle breeds

Long-term change Improving 2000 to 2020

Short-term change Improving 2015 to 2020

Last Updated 2021

Latest Data 2020

C9b. Plant genetic resources – Enrichment Index

Long-term change Improving 1960 to 2018

Short-term change Improving 2013 to 2018

Last Updated 2018

Latest Data 2018

D1. Biodiversity and ecosystem services

D1a. Fish size classes in the North Sea

Long-term change Deteriorating 1983 to 2019

Short-term change Deteriorating 2014 to 2019

Last Updated 2020

Latest Data 2019

D1b. Removal of greenhouse gases by UK forests

Long-term change Improving 1990 to 2019

Short-term change Improving 2014 to 2019

Last Updated 2021

Latest Data 2019

D1c. Status of pollinating insects

Long-term change Deteriorating 1980 to 2017

Short-term change Little or no overall change 2012 to 2017

Last Updated 2021

Latest Data 2017

E1. Biodiversity data for decision making

E1a. Cumulative number of records

Long-term change Improving 2004 to 2021

Short-term change Improving 2016 to 2021

Last Updated 2021

Latest Data 2021

E1b. Number of publicly accessible records at 1 km² resolution or better

Long-term change Improving 2008 to 2021

Short-term change Improving 2016 to 2021

Last Updated 2021

Latest Data 2021

E2. Expenditure on UK and international biodiversity

E2a. Public sector expenditure on UK biodiversity

Long-term change Improving between 2000 to 2001 and 2019 to 2020

Short-term change Deteriorating between 2014 to 2015 and 2019 to 2020

Last Updated 2021

Latest Data 2019 to 2020 financial year

E2b. Non-governmental organisation expenditure on UK biodiversity

Long-term change Insufficient or no comparable data

Short-term change Improving between 2014 to 2015 and 2019 to 2020

Last Updated 2021

Latest Data 2019 to 2020 financial year

E2c. UK public sector expenditure on international biodiversity

Long-term change Improving between 2001 to 2002 and 2019 to 2020

Short-term change Little or no overall change between 2014 to 2015 and 2019 to 2020

Last Updated 2021

Latest Data 2019 to 2020 financial year

This document forms part of the [UK Biodiversity Indicators 2021](#)