# UKBMS 2021 Official Statistics - Correction Notice

It has come to light that the Official Statistics released on 25/03/2022 contained some incorrect numbers for some species for long and short-term trends in relation to Scotland. This was due to a bug whereby some data in the statistical model was duplicated. This has now been fixed, and corrected versions of the ‘summary of change’ tables and ‘2021 official statistics: briefing document’ were uploaded to the UKBMS website in their place on 19/05/2022.

Trends for the UK, England, Wales, and Northern Ireland were unaffected, as were annual changes reported for Scotland.

**Summary of changes**

The overall message of the UKBMS Official Statistics release was unaffected. No text in the 2021 official statistics briefing document needed to be updated asides from some figures in Table 2 showing numbers of species with long and short-term trends in Scotland.

The error had resulted in inflated percentage changes for the majority of species in Scotland. The significance of trends is less affected than the percentage changes, which are a function of number of years, and so generally the overview of which species are significantly changing in the long and short-term has remained as it was. However, there have been some changes (summarised in the table below – corrected figures in red).

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Long-term (series)** | | | **Short-term (10-yrs)** | | |
| **Country** | **Increasing** | **Declining** | **Stable** | **Increasing** | **Declining** | **Stable** |
| UK | 16 | 19 | 21 | 7 | 0 | 49 |
| England | 12 | 20 | 22 | 8 | 1 | 45 |
| Scotland | ~~12~~10 | ~~3~~2 | ~~9~~12 | ~~8~~6 | ~~2~~1 | ~~14~~17 |
| Wales | 8 | 7 | 16 | 2 | 1 | 28 |
| Northern Ireland | 0 | 2 | 12 | 1 | 0 | 13 |

Specifically:

* Long-term trends are no longer significant for Small White, Comma and Small Copper. These are all re-classified as stable in the long-term. Short-term (last 10-years) are no longer significant for Orange-tip, Grayling and Peacock. These short-term trends are reclassified as stable.
* A number of other trends have remained significant but are less significant than they were. These are:
  + Long-term – Large White, Speckled Wood, Small Pearl-bordered Fritillary, and Small Tortoiseshell
  + Short-term – Wall, Speckled Wood, Small Heath, Scotch Argus, Pearl-bordered Fritillary, and Northern Brown Argus