



EU estimated agricultural balance sheets (DG AGRI–JRC Production, trade and apparent use) A simplified balance sheet to estimate apparent use of arable crops, olive oil, wine, dairy products and meat at EU Member State level

Notes on adapting the methodology for the new EU-27 release following the end of the transition period for the UK in 2020

In the new EU-27 version of the dataset and dashboards, **we have incorporated changes impacting all trade, but mainly trade figures related to the UK, especially for butter (including also spreads and butter oil)**. This is due to the way trade declarations involving the United Kingdom (as partner or as reporter) were being reported in the COMEXT database.

When the methodology was designed for EU-28, we decided:

1. To exclude declarations under statistical regime 2 (inward processing) for butter, butter spreads and butter oil because a certain share of the butter imported into the EU is just processed and then re-exported as other products, not being consumed in the form of butter in the EU. We then deduct declaration under regime 2 from those of regime 4 (regime 4 is the sum of all regimes) for butter, spreads and butter oil.
2. For intra-EU-28 trade, we decided to rely on export declarations both for exports and imports, since export declarations are more complete due to [rules of reporting to the Intrastat system](#) (at that point only Member States were submitting declarations to the Intrastat system).

As for EU-27 version, **the UK still continued reporting its trade to the Intrastat system until October 2020 and therefore imports from the UK were not being considered as coming from a third country by Member States**. As a result, there are no records in statistical regime 2 for butter before October 2020 (included).

Therefore, to omit a certain level of inward and outward processing and to work with the most reliable data, we have implemented the following solution:

- **For butter, butter spreads and butter oil:**
 - To be able to exclude inward processing, 30% is deducted from all declarations indicating butter going from the UK to the EU (i.e., imports declared by Member States).
 - To be able to exclude outward processing, 20% is deducted from all declarations of butter going from the EU to the UK (i.e., exports declared by Member States).
NOTE: When using these coefficients, EU-27 butter consumption is on trend comparable to EU-28.
- We keep relying on export declarations for all data coming from the Intrastat system (EU-27). **This affects all products.**

NOTE: From November 2020, the UK stopped declaring trade figures into the Intrastat system, so we cannot rely only on export declarations anymore. For this reason, and to avoid a break in time series, trade reported by EU to/from UK is taken into account as it is declared by Member States (either exports or imports). All time series involving the UK have been recalculated, so the numbers might differ from those of the previous release. The same rule for regime 2 as described above is used for butter.

For more information on COMEXT and the UK, please refer to EUROSTAT's [Frequently asked questions on the availability of data on trade with the United Kingdom \(UK\) after BREXIT](#).

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This note is an addendum of the Science Information Systems and Databases report:

Gorrin C., Caivano A., *A simplified balance sheet to estimate apparent use of meat, crops and dairy products at EU Member State level*, Publication Office of the European Union, Luxembourg, 2018, ISBN:978-92-79-80968-2, doi:10.2760/389335, PUBSY No. JRC111182

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This note is issued on 22nd April 2021, contextually to the update of the "EU estimated agricultural balance sheets" ("DG AGRI-JRC – Production, trade and apparent use") dataset based on the release "Spring 2021" or Edition N°29 of the "Short-term outlook for EU agricultural markets".

Purpose of this note is to integrate the original and official report of 2018 with the description of a change occurred in the methodology for producing the dataset.

The revision of the methodology was studied by European Commission staff of the Directorate-General for Agriculture and Rural Development – DG AGRI - within the "Analysis and Outlook" Unit (Čapkovičová, A; Honoré, É; Kowalsky, A, Van Schagen, M) supported by colleagues of the "Wine, spirits and horticultural products" Unit, and by staff of the "Economics of Agriculture" Unit of the Joint Research Centre – JRC (Gorrin-González, C).

We envisage delivering a new official report in 2021, in order to replace the version 2018 while taking into account this and previous addendum (which remains valid for the only version of autumn 2020) plus recent and upcoming updates.

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Original report 2018: <http://dx.doi.org/10.2760/389335>

Previous addendum October 2020: https://datam.jrc.ec.europa.eu/datam/perm/file/73fe60e2-1a46-4ac4-a7ed-1ed43639c732/2020_10_15_BalanceSheets_AddendumMethodologyEU27.pdf

This addendum: https://datam.jrc.ec.europa.eu/datam/perm/file/ee11478a-524f-4c87-a49e-b8b8d19af0c7/2021_04_22_BalanceSheets_AddendumMethodologyEU27.pdf

DG AGRI Short Term Outlook: https://ec.europa.eu/info/food-farming-fisheries/farming/facts-and-figures/markets/outlook/short-term_en

DataM, the EC Data portal of agro-economics Modelling: <https://datam.jrc.ec.europa.eu>

Dataset "EU estimated agricultural balance sheets" ("DG AGRI-JRC – Production, trade and apparent use"): <http://data.jrc.ec.europa.eu/dataset/33243e5e-44a1-4b43-9444-31d64dc7921f>

Release news of version spring 2021: <https://datam.jrc.ec.europa.eu/datam/social/news/1233>

Dashboard: https://datam.jrc.ec.europa.eu/datam/mashup/PROD_TRADE_USE

Interactive data query: <https://datam.jrc.ec.europa.eu/datam/perm/od/33243e5e-44a1-4b43-9444-31d64dc7921f>

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