



DG AGRI–JRC Production, trade and apparent use

A simplified balance sheet to estimate apparent use of meat, crops and dairy products at EU Member State level

Notes on adapting the methodology for the new EU-27 release

In the new EU-27 version of the dataset and the dashboard **we have incorporated changes impacting all trade, but mainly trade figures related to butter (also spreads and butter oil)**. This is due to the way trade declarations involving the United Kingdom (as partner or as reporter) are currently being collected 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 Instrastat system](#) (at that point only Member States were submitting declarations to the Instrastat system).

As for EU-27 version, **the UK still reports its trade to the Instrastat system and therefore imports from the UK are 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.

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., exports declared by the UK or 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., imports declared by the UK or 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 Instrastat system (EU-27 + UK). **This affects all products.**

NOTE: If at some point the UK stops reporting into the Instrastat system, we will not be able to rely only on export declarations (declarations will be taken as they are) and we will use the real values for statistical regime 2, since they should be available for all imports coming from countries outside of the Instrastat scope.

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 15th October 2020, contextually to the update of the "DG AGRI-JRC – Production, trade and apparent use" dataset based on the release "Autumn 2020" or Edition N°28 of "Short-term" - a 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 within the "Analysis and Outlook" Unit of the Directorate-General for Agriculture and Rural Development – DG AGRI (Capkovicova, A; Gatelli, D) and of the "Economics of Agriculture" Unit of the Joint Research Centre – JRC (Gorrín-González, C).

We envisage to deliver a new official report in 2021, in order to replace the version 2018 while taking into account this note plus recent and upcoming updates.

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

This note: https://datam.jrc.ec.europa.eu/datam/perm/file/73fe60e2-1a46-4ac4-a7ed-1ed43639c732/2020_10_15_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 "DG AGRI-JRC – Production, trade and apparent use": <http://data.jrc.ec.europa.eu/dataset/33243e5e-44a1-4b43-9444-31d64dc7921f>

Release news of version autumn 2020: <https://datam.jrc.ec.europa.eu/datam/perm/news/952>

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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