

Matching of EBM 2020 with LAU and NUTS codes

File name	EBM_2020_LAU-NUTS-Matching		
Version	Author	Date	Comments
v1.0	Jörgen Spradau / BKG Krystallo Grammenou / BKG	10.01.2020	

Contents

1	Methodology	2
2	Missing LAU/NUTS table	2
3	Correct matching.....	2
4	Minor issues (for information)	3
4.1	Estonia.....	3
4.2	Greece.....	3
4.3	Kosovo / Serbia.....	3
4.4	Lithuania	3
5	Open issues (for clarification).....	4
5.1	Albania.....	4
5.2	France	4
5.3	Hungary	5
5.4	Ireland.....	5
5.5	Italy.....	5
5.6	Spain	5
5.7	Switzerland	5
5.8	United Kingdom	5
5.8.1	Scotland	5
5.9	Romania	6
5.10	Slovakia	6

1 Methodology

The EBM database includes relations between the European-wide unique identifiers (SHN) of administrative units on lowest level for all 28 EU countries and their corresponding statistical codes (LAU) as defined by the National Statistical Institutes (NSIs) and also to the corresponding codes of the territorial units for statistics (NUTS) maintained and published by Eurostat. Additionally, EBM maintains the relation between the unique identifiers and the NUTS codes of EU candidate countries and EFTA countries.

The relevant NUTS regulations are:

- Commission Regulation (EU) 2016/2066 on NUTS codes, released on 21 November 2016 and comes into force from 1 January 2018 → referred to as **NUTS 2016**

Some areas are not listed in the Eurostat tables as LAU units, especially lakes outside the national cadastre. Nevertheless, in most cases it is possible to assign such areas to NUTS regions. This has been done for this EBM release. Apart from that, there are only few areas where the NUTS matching is not possible because of unsolved political status, e.g. the in dispute areas between Croatia and Serbia.

2 Missing LAU/NUTS table

Eurostat did not provide actual LAU/NUTS tables for Kosovo, Liechtenstein, Montenegro, Norway and Serbia.

3 Correct matching

The relation between EBM and statistical codes is correct for the following countries:

- Austria
- Belgium
- Bulgaria
- Cyprus
- Croatia
- Czech Republic
- Denmark
- Finland
- Germany
- Iceland
- Latvia
- Luxemburg
- Malta
- The Netherlands (Note: LAU/NUTS table contains entries for the reference date 01.01.2019)
- North Macedonia
- Poland
- Portugal
- Slovenia
- Sweden

4 Minor issues (for information)

4.1 Estonia

For 'Peipsi järv' (lake Peipus), a fictitious line on the lake has been created to match it to NUTS3 regions.

4.2 Greece

For EBM 2020 the matching is correct.

Note: While the administrative units differs from statistical units, the LAU layer is an extra layer, which was provided by Greek NMCA the first time for EBM v12.

4.3 Kosovo / Serbia

A serious political issue is the status of Kosovo. For EBM, there are two datasets overlapping each other. Kosovo was already integrated in EBM as provided by an own agency of the independent country. The Serbian dataset covers also Kosovo. Due to the Serbian legal position, this territory is part of Serbia. The Serbian LAU/NUTS table contains Kosovo as an autonomous region of Serbia.

Eurostat asked for previous versions to provide EBM with Kosovo as independent country. Since EBM v10 is following this approach. The EBM Full Europe database is containing Kosovo as provided by the agency of the independent country. The following statement has to be respected:

This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo Declaration of Independence.

4.4 Lithuania

There are 2 lakes which are special administrative units. These units are not listed in the LAU/NUTS table. Nevertheless, they are matched to the NUTS regions.

5 Open issues (for clarification)

5.1 Albania

The LAU/NUTS table are different in NUTS3 and LAU codes for the whole country. BKG holds the NUTS3 and LAU codes stable. A separate table for these units is published with this document (AL_differences_NUTS3_LAU.xls).

5.2 France

Paris, Lyon and Marseille

The LAU/NUTS table listed only one LAU unit for Paris, Lyon and Marseille. The national data delivery lists several city districts (AdministrativeUnit_5). EBM 2020 differs in administrative and statistical units for Paris, Lyon and Marseille.

LAU/NUTS table contains entries for the reference date 01.01.2019. EBM 2020 kept the old structure which is legal until 31.12.2018.For information

Lakes

There are 2 lakes which are special administrative units: Lac Léman and Étang de Berre. These units are not listed in the LAU/NUTS table. Nevertheless they are matched to the NUTS regions in EBM 2020.

Overseas collectivities

Eurostat requires the following:

- Saint-Barthélemy should not be matched to NUTS regions
- Saint-Martin should be matched to NUTS regions

Saint-Martin is listed in the French LAU/NUTS table and is also matched in EBM 2020 to the NUTS regions (NUTS3=FRY10 Guadeloupe) and to LAU.

In the LAU/NUTS table the NUTS3 codes are complete wrong. EBM 2020 kept the old NUTS3 codes from EBM 2019 for these units. A separate table with these municipalities is published with this document (FR_differences_NUTS3.xls).

5.3 Hungary

Budapest

The LAU/NUTS table listed only one LAU unit for Budapest. The national data delivery lists 23 units for the city districts (AdministrativeUnit_5). EBM 2020 differs in administrative and statistical units for Budapest.

5.4 Ireland

LAU/NUTS table contains entries for the reference date 01.01.2019. The issue is, that Ireland has a complete restructuring on LAU level. EBM 2020 kept the old structure which is legal until 31.12.2018.

5.5 Italy

LAU/NUTS table contains entries for the reference date 01.01.2019. The issue is, that Italy has a restructuring on LAU level. EBM 2020 kept the old structure for 54 units which is legal until 31.12.2018.

5.6 Spain

For information:

All 80 condominiums are not listed in the Eurostat table. Nevertheless, they are matched to the NUTS3 regions to get a complete coverage of Spain.

5.7 Switzerland

2 condominiums, 41 lakes and 1 State Forest (cantonal) are not listed in the LAU/NUTS table. Nevertheless, they are matched to the NUTS3 regions to get a complete coverage of Switzerland.

5.8 United Kingdom

The LAU/NUTS table contains Great Britain and Northern Ireland in one table (UK). EBM provides this content in two separate country datasets (GB and ND), because the data is delivered by two NMCA's (OS Great Britain and OS Northern Ireland). In EBM 2020 the European seamless database provides one UK including Northern Ireland for the first time. Northern Ireland will adopt a new SHN code in order to match the SHN code of United Kingdom.

The matching is correct for Wales, England and Northern Ireland (as part of Great Britain).

5.8.1 Scotland

LAU level

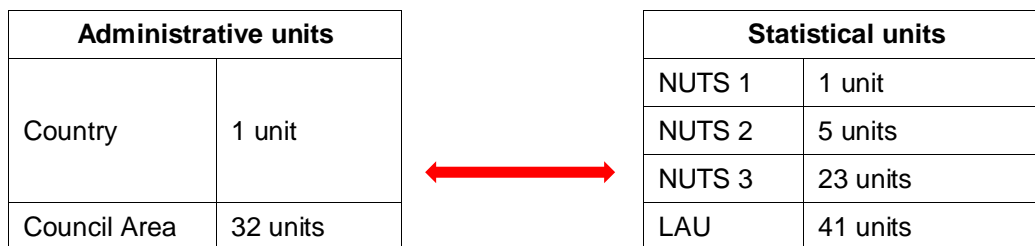
The LAU/NUTS table does not reflect the administrative changes in Scotland which came into force years ago. Based on the data delivery it was not possible to get a correct matching for EBM 2020. As a solution an independent LAU layer which fits the LAU/NUTS table was created.

LAU level

EBM contains 32 Scottish Council Areas on upper level (AdministrativeUnit_3). The actual LAU/NUTS table lists 41 units (LAU codes like 'S30...').

EBM 2020 solution

EBM 2020 provides a solution for Scotland, where the geometry of all statistical units is completely independent from the geometry of the administrative units. It means, there's no link between any statistical level and any administrative level.



5.9 Romania

București

The LAU/NUTS table listed only one LAU unit for București. The national data delivery lists 6 units for the city districts (AdministrativeUnit_3). EBM 2020 differs in administrative and statistical units for București.

5.10 Slovakia

For EBM v11 and EBM v12 there were differences in LAU/NUTS table regarding the NUTS3 codes for 268 municipalities. Even though the issue was solved in EBM 2019 (v13), the differences between the NUTS3 codes re-emerged at the current version. BKG holds the NUTS3 codes for these municipalities in EBM 2020 stable. A separate table with these municipalities is published with this document (SK_differences_NUTS3.xls).