

1. Sort lines, based on the following 2 criteria:

1.1. animal Id

1.2. sort the same animal Id lines (same animal) based on 'date in'

2. Filling/replacing target holding Ids

2.1. in case of same animal Id lines check if target holding Id in line n is the same as holding Id in line n+1

2.2. if yes - stop

2.3. if not – because there are values in both fields, but they are different – then copy holding Id in line n+1 to target holding Id in line n

2.4. if not – because target holding Id in line n is empty – then see 2.3.

2.5. if not – because holding Id in line n+1 is empty (usually this is not the case) – then do the opposite: copy target holding Id in line n to holding Id in line n+1

3. Introducing export values:

3.1. In case of lines where the field 'aim of transport' is 'export to 3rd country or transported to other MS' write 'Export' to target holding Id

4. Introducing import values:

4.1. In case of animals, where the Id starts with 2 letter country code (instead of numbers), a line should be added before first line, with the following data:

- animal Id and other basic identification data (birth, father Id, etc.): the same as line below
- holding Id = 2 letter country code (e.g. DE = Germany)
- date in = date of birth
- date out = date in value of next line
- target holding Id = holding Id value of next line

5. Transform table to a source-target matrix:

- Id (string) = 'animal Id'
- source (string) = 'holding Id' of line n
- target (string) = 'target holding Id' of line n
- date (date) = 'date in' of line n+1

6. Export to .csv and .txt