

# Synchronization of the number of slaughtered animals

*February 16, 2016*

## Methodology

Suppose we have the following table, where all numbers represent the number of animals slaughtered under each particular commodity:

commodity	value	flag
Cattle	1000	
Meat of Cattle	950	C
Offals of Cattle	0	M
Hides and Skins of Cattle	1000	C
Fat of Cattle	0	M

The “Synchronized Slaughtered” R module can be used to synchronize the values across all these commodities. For example, suppose this country has a shares table like below:

parent	child	share
Cattle	Meat	85
Cattle	Offals	100
Cattle	Hides and Skins	100
Cattle	Fat	0

Then, the table becomes

commodity	value	flag
Cattle	1000	
Meat of Cattle	850	
Offals of Cattle	1000	
Hides and Skins of Cattle	1000	
Fat of Cattle	0	M

In other words, if the animal number is not missing and if a non-zero share exists then the value and flags for animals slaughtered of the animal commodity is copied to the product(s). In the case of missing data for the number of animals slaughtered under the animal element, nothing is done. For example, the following table will not be adjusted by the module:

commodity	value	flag
Cattle	0	M
Meat of Cattle	950	C
Offals of Cattle	0	M
Hides and Skins of Cattle	1000	C
Fat of Cattle	0	M

## Reference Table

Below is a reference table containing the commodities and element codes used by this module (as provided by Tomasz, but converted into CPC using the current mapping table).

Parent CPC	Parent Item	Parent Element	Child CPC	Child Item	Child Element
02111	Cattle	5315	21111.01	Beef and Veal	5320
02111		5315	21151	Offals of Cattle, Edible	5320
02111		5315	21512	Fat of Cattle	5320
02111		5315	02951.01	Cattle Hides, Fresh	5320
02112	Buffaloes	5315	21112	Buffalo Meat	5320
02112		5315	21152	Offals of Buffalo,Edible	5320
02112		5315	21513	Fat of Buffalo	5320
02112		5315	02951.03	Buffalo Hides, Fresh	5320
02122	Sheep	5315	21115	Mutton and Lamb	5320
02122		5315	21155	Offals of Sheep, Edible	5320
02122		5315	21514	Fat of Sheep	5320
02122		5315	02953	Sheepskins, Fresh	5320
02123	Goats	5315	21116	Goat Meat	5320
02123		5315	21156	Offals of Goats, Edible	5320
02123		5315	21515	Fat of Goats	5320
02123		5315	02954	Goatskins, Fresh	5320
02140	Pigs	5315	21113.01	Pigmeat	5320
02140		5315	21153	Offals of Pigs, Edible	5320
02140		5315	21511.01	Fat of Pigs	5320
02140		5315	02959.01	Pigskins, Fresh	5320
02151	Chickens	5316	21121	Chicken Meat	5321
02151		5316	21160.01	Offals Liver of Chickens	5321
02154	Ducks	5316	21122	Duck Meat	5321
02154		5316	21160.03	Offals Liver Ducks	5321
02153	Geese	5316	21123	Goose Meat	5321
02153		5316	21160.02	Offals Liver Geese	5321
02152	Turkeys	5316	21124	Turkey Meat	5321
02152		5316	21160.04	Offals Liver Turkeys	5321
02131	Horses	5315	21118.01	Horsemeat	5320
02131		5315	21159.01	Offals of Horse	5320
02131		5315	02952.01	Horse Hides, Fresh	5320
02132	Asses	5315	21118.02	Meat of Asses	5320
02132		5315	02952.02	Hides of Asses Fresh	5320
02133	Mules	5315	21118.03	Meat of Mules	5320
02133		5315	02952.03	Hides of Mules Fresh	5320
02121.01	Camels	5315	21117.01	Meat of Camels	5320
02121.01		5315	21159.02	Offals of Camel, Edible	5320
02121.01		5315	21519.02	Fat of Camels	5320
02121.01		5315	02959.02	Camel Hides, Fresh	5320
02191	Rabbits	5316	21114	Rabbit Meat	5321
02191		5316	02955.02	Rabbit Skins	5321
02192.01	Other Rodents	5316	21119.01	Meat of Other Rodents	5321
02121.02	Other Camelids	5315	21117.02	Meat of Other Camelids	5320
02121.02		5315	21519.03	Fat of Other Camelids	5320