Overview of the selected indicators: Data collection, normalization and accessing data sources

Technical meeting on “Food Security Monitoring and Analysis at National Level – Reflection of Results in the Lebanese Ministry of Agriculture Strategy for 2021-2025”

Beirut, 15 October 2019
AV3: Food Losses (% of total food available)

AV3 = 100 * LOSSES / ( PRODUCTION + IMPORTS - EXPORTS)

Source:
In the first box:

Click on Countries then Select All

Select all: so we can extract the min and max worldwide for each indicator for the year 2010 (selected base year)

When there is no data for 2010:
Min and Max of the latest year available
In the second box select the following elements:

- production quantity;
- export quantity;
- import quantity and;
- losses
In the third box, click on: Items aggregated

Then search for; “Cereals – Excluding Beer + (Total)”

And select it
Select years from 2010 to the latest; Download data
• AV3 = 100 * LOSSES / ( PRODUCTION + IMPORTS - EXPORTS)

• MIN & MAX will be calculated after computing the formula for worldwide countries

• AV3 IS A REVERSED INDICATOR ➔ LOW VALUE IS THE BEST

• NORM = (AV3 – MAX) * 10 / (MIN – MAX)

• AFTER SCORING FROM 0 TO 10 ➔ HIGHEST SCORE IS THE BEST AND VICE VERSA

Normalized Scale (0-10) EQUATION:

Not Reversed :   (X - min) *10 / (max-min)
Reversed:          (X - max) *10 / (min-max)

NR : High Value is the best
R : Low value is the best
X : Value to be normalized
THANK YOU