

User Guide – Power BI Report

Tab 1 – Production, Consumption, Export and Import by Country and Product

- **General description**

This interactive report displays data in tonnes by country, product type (OO: Olive Oil, TO: Table Olives) and indicator type (C: Consumption, E: Export, I: Import, P: Production). It allows analysis of distribution by country, geographic area (EU members or non-EU members) and harvest periods.

- **Available filters**

At the top of the report, you will find filters that allow you to customise the visualisation:

- **Country:** Select one or more countries.
- **Product:** Filter between olive oil (OO) and table olives (TO).
- **Country Type:** Filter by type of country (if applicable).
- **Harvest:** Select the year or harvest period.
- **Zone:** Filter by EU members or non-EU members.
- **Indicator:** Choose between Consumption (C), Export (E), Import (I) and Production (P).

- **Visualisations**

The report includes several visualisations:

- **Tonnes by Country and Indicator:** A bar chart comparing tonnes by country and indicator.
- **Tonnes Range by Country:** A pie chart showing the proportion of tonnes by country.
- **%GT Tonnes by Country and Zone:** A bubble map showing the percentage share of tonnes by zone.
- **Data table (right):** Displays detailed tonnes by country, product and indicator.
- **Average table by period:** allows analysis of averages across harvest periods.

- **Usage Tips**

- You can apply multiple filters at once for more detailed analyses.
- Hover over any chart to see exact values.
- Use the mouse wheel to zoom in and out on the map.
- Click on any country or indicator within the charts to automatically filter the rest of the report.

Tab 2 – Detailed Analysis by Country and Harvest Period

- **General Description**

This section of the report allows for a more detailed analysis of tonnes by indicator type and harvest period for a specific country. It is ideal for studying historical trends, year-over-year variations and differences between products (OO/TO).

- **Available Filters**

- **Country:** Select the country (e.g., Tunisia in this view).
- **Product:** Olive oil (OO) and table olives (TO).
- **Harvest:** Option to select one or more harvest periods.
- **Indicator:** Filter by type of data — Consumption (C), Export (E), Import (I) or Production (P).

- **Visualisations**

The report includes:

- A summary table of tonnes by indicator and product, showing detailed breakdowns.
 - A column chart – **Tonnes by Indicator and Product**, visualising which indicators have the highest volumes for each product type.
 - A table – **Average by Harvest Period**, showing the average tonnes for each harvest period.
 - A bar chart – **Average Tonnes by Harvest Period**, visually reinforcing the previous table.
 - An area chart – **Tonnes by Harvest Period and Indicator**, providing a quick view of the temporal evolution of each indicator.
 - A column chart – **YoY % Change by Harvest Period**, displaying year-over-year percentage changes to identify positive or negative trends.
- **Usage Tips**
 - This dashboard is designed for detailed country-level analysis. It is recommended to apply the country filter first.
 - The YoY (Year over Year) chart helps detect key years with significant increases or decreases.
 - To compare between products (OO vs TO), use the filter buttons at the top.

Tab 3 – Export Global Data to CSV

- **General Description**

This view displays a detailed table with tonnes by country, product type, indicator and harvest period. You can export this data to a .csv file for further analysis in Excel or other tools.

- **How to Export Table Data**

1. Place the cursor over the table you wish to export.
2. In the upper-right corner of the visualisation, click the three vertical dots (⋮) to open the options menu.
3. Select “Export data”.
4. A pop-up window will open allowing you to choose the export format:
 - .csv (comma-separated values): recommended for Excel and further analysis.
 - .xlsx (if enabled).
5. Click Export.
6. The file will download to your computer. You can open it directly with Excel or any compatible programme.

- **Recommendations**

- Apply the necessary filters before exporting so that the downloaded data matches your analysis.
- The file name will depend on the title of the visualisation.
- If you see values such as “0.00”, it may indicate that there is no data available for that country/indicator during the selected period.