Eastern Nile - The CAPMAS Agriculture Database Model - tool kit Quick guide

The CAPMAS Agriculture Database Model

Scope of the tool

It provides statistics of crops areas and production plant, irrigation and water resources, livestock statistics, animal statistics of fish production and estimated income from agricultural sector.

It is developed in an excel database with macros and VB codes for the interface; anyway, the information provided is very limited.

Main functions and structure

The model is divided into six main sections related with agriculture and livestock production and contains many tables, not always with available data:

1. Statistical of crop areas and production plant:

    Data includes the size of crops and plant production (crops – vegetables – fruit) in the three lugs for old and new lands, according to the republic governorates.

2. Irrigation and Water Resources:

    It includes measurement of levels and actions of the Nile, drainage projects and compare the size of cultivated land, rations of waters.

3. Livestock Statistics:

    It includes estimates of the number of cattle, poultry, livestock production quantities and Insecticide.

4. Animal statistics of fish production:

    It includes statistical data on fish production according to species, fishing areas, months, and the value of exports and imports.

5. Estimated income from the agricultural sector:

   It includes data on the value of production and net farm income (plant, animal, insecticide and fish) in addition to the value of agricultural production requirements.

6. Agricultural Export & Import

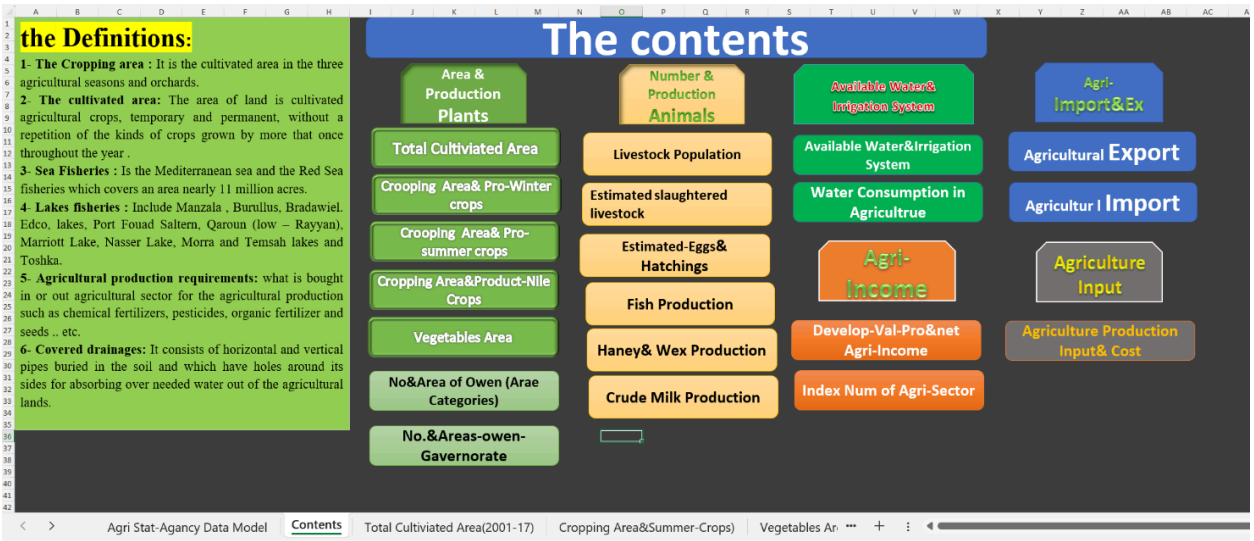

Figure 119: Homepage CAPMAS Agriculture Database Model

The main sections contain various excel sheets, that are the following:

Area and Production Plants

- Total Cultivated Area
- Cropping Area and Pro-Winter Crops
- Cropping Area and Pro-Summer Crops
- Cropping Area and Product-Nile Crops
- Vegetables Area
- Number and Area of Owen (Arae Categories)
- Number and Area of Owen Governorate

Number and Production Animals

- Livestock Population
- Estimated Slaughtered Livestock
- Estimated Eggs and Hatchings
- Fish Production
- Honey and Wax Production

- Crude Milk Production

Available Water and Irrigation System

- Available Water and Irrigation System
- Water Consumption in Agriculture

Agricultural Income

- Development-Value-Production and Net Agricultural Income
- Index number of Agricultural Sector

Agricultural Import and Export

- Agricultural Import
- Agricultural Export

Agricultural Input

- Agricultural Production Import and Cost