

# Agricultural Statistic in Israel



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**13.6.2018**



# Main Activities in Agriculture Statistics in the ICBS

- ❖ Collection of agricultural output data
- ❖ Economic Agriculture Account (Output, Input, Product)
- ❖ Agricultural area survey
- ❖ Other surveys and activities:
  - ❖ Feed mix centers
  - ❖ Food supply balance
  - ❖ Agri-Environmental Indicators
  - ❖ International data exchange



# Agricultural Output

**Agricultural produce that was marketed during the month / year.**

## **Destinations :**

- ❖ **Local Consumption**
- ❖ **Export**
- ❖ **Local Manufacturing**
- ❖ **Intermediate produce**



# Frequency of data collection

- ❖ **Monthly – wholesale prices and quantities**
- ❖ **Monthly – export/import data**
- ❖ **Yearly –agricultural area survey, agricultural output data (account)**



# Monthly data collection

- ❖ Wholesale fruit and vegetables prices are received from MOAG
- ❖ Quantities are received from the plants Board
- ❖ Animal production (livestock, fishery etc.) are received from Animal Husbandry Organizations , corporations and MOAG



# Yearly data collection

- ❖ Crop (areas)
- ❖ Annual crop production
- ❖ Labour force
- ❖ Economic accounts



# Agriculture area survey

**The Goal: Collection of updated reliable data regarding agricultural area and activities:**

- ❖ **Area Balance (orchards, flowers, vegetables, field crops, grazing) Animal inventories (cattle, chicken etc.)**
- ❖ **Marketing and quotas by region (milk, chicken, eggs and fish)**



# The collection data system

- **Till 2002 :**
  - yearly field survey (by MOAG)
- **From 2003 :** mainly administrative sources
  - ❖ Foreign labor survey
  - ❖ Production and marketing boards
  - ❖ Farmer organizations
  - ❖ Crops Insurance





# **Selected Challenges in Agricultural Statistics**

- **Missing data regarding farms which do not report to the data providers (incl. small farms and the Arab Sector)**
- **High uncertainty regarding agricultural area and number of farms**
- **Incomplete information regarding price gap in fruits and vegetables**
- **Missing information regarding food loss**
- **Missing data regarding soil conservation activities**
- **Missing data regarding the non-agricultural activities**



# **Future Plans in Agricultural Statistics**

- **Use the 2018 census to complete data regarding agricultural areas, number of farms, price gaps and soil conservation**
- **Maintain an updated farm register**
- **Conduct a series of agricultural surveys**
- **Change the methodology of data collection from administrative to surveys when needed**
- **Conduct census on a regular basis**

# **List of potential surveys**

- **Quantities and prices of plant produce**
- **Land conservation**
- **Food loss**
- **Use of pesticides in agriculture (by crop and region)**
- **Use of fertilizers (by crop and region)**
- **Organic agriculture and Environmental friendly crops**
- **Income from agriculture**
- **Economic surveys of farms, economic account of agriculture (could also be administrative)**
- **Information on the next generation of farmers**
- **?**

# Thank you for your attention!

