

## Introduction- Agricultural Statistic in Israel



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# Introduction

- ❖ **Agricultural Statistics in Israel are produced in order to meet the different user needs for data on agricultural production, inputs, consumption, facilities, costs, and returns**
- ❖ **Data are collected for the organized marketing, whereas data for the unorganized markets are mostly estimated**
- ❖ **Most of these data are compiled by the Israeli Ministry of Agriculture and the ICBS.**

# **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)
- ❖ Every ? years – an agricultural census

# 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

# Yearly Agricultural Input Value

- ❖ The materials and services that the agriculture sector buys from itself and from other sectors (intermediate consumption)
- ❖ Data sources: Surveys: Feed mix centers, producers of fertilizers and pesticides, garages, mills etc.



# **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)**

# **Benefits of Agriculture area survey**

- ❖ **Reliable and updated information regarding:**
- ❖ **Long-term planning**
- ❖ **Trend Analysis**
- ❖ **Database for research**
- ❖ **Allocation of limited resources**
- ❖ **Prevent market failure**

# 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
  - ❖ The water authority
  - ❖ Crops Insurance

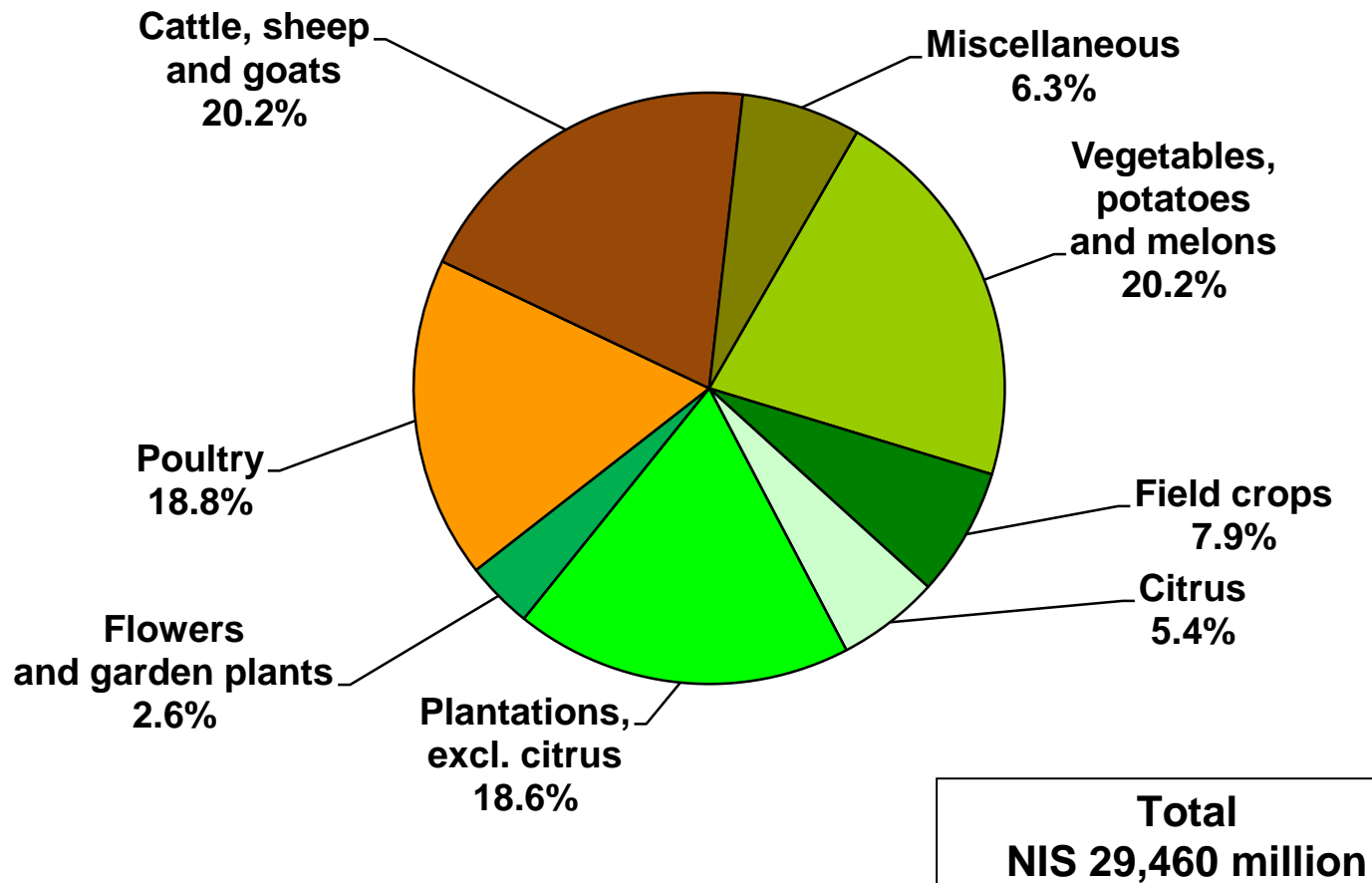
## **Common Problems of Data Collection**

- **Missing data regarding farms which do not request foreign labor or other supports (incl. small farms and the Arab Sector)**
- **Missing data regarding the farm area and location**
- **Incomplete information regarding price gaps**
- **Missing information regarding food losses**
- **Missing data regarding the non-agricultural activities**

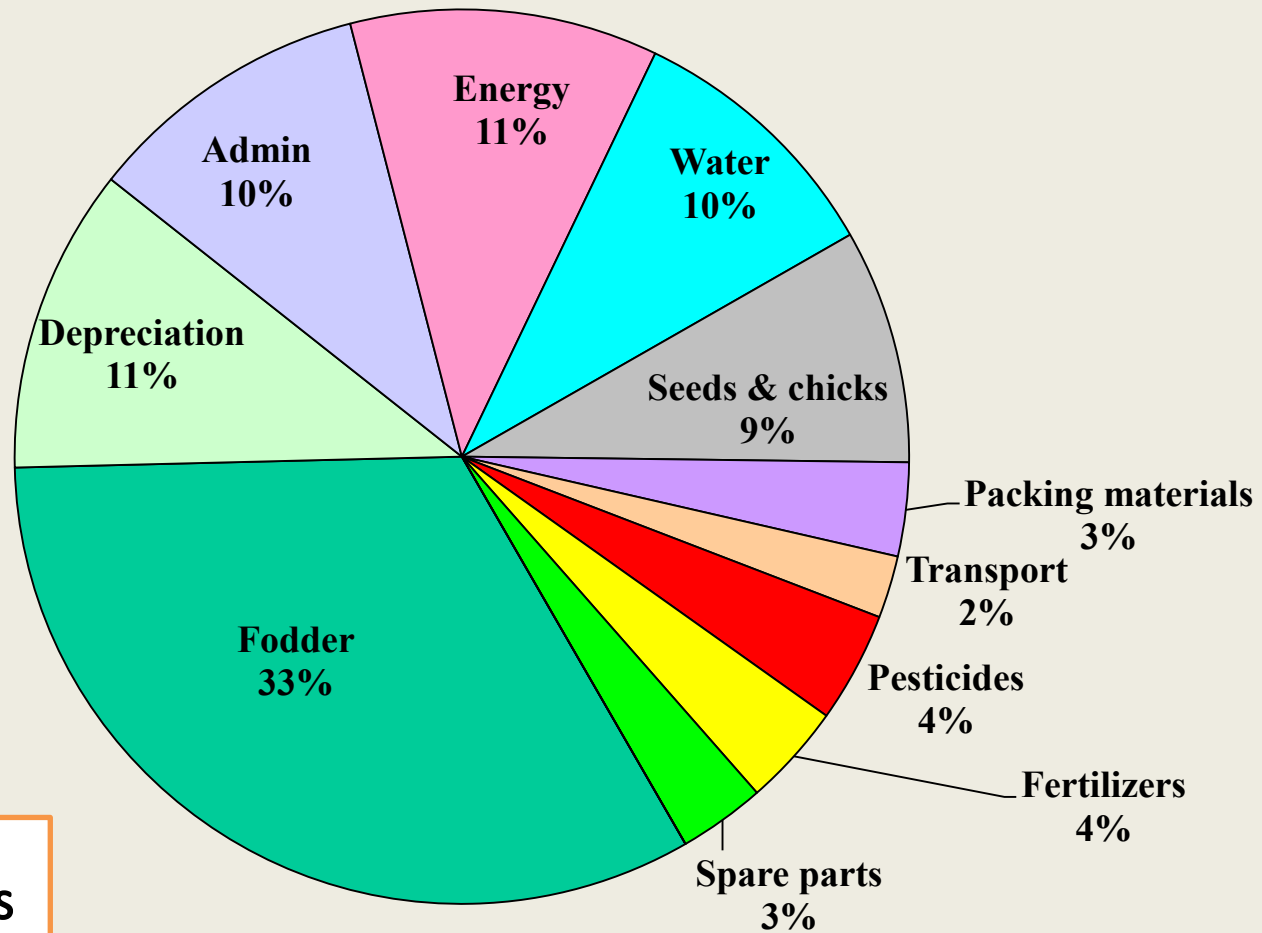
# Some Data



# AGRICULTURAL OUTPUT – VALUE, BY INDUSTRY, 2015

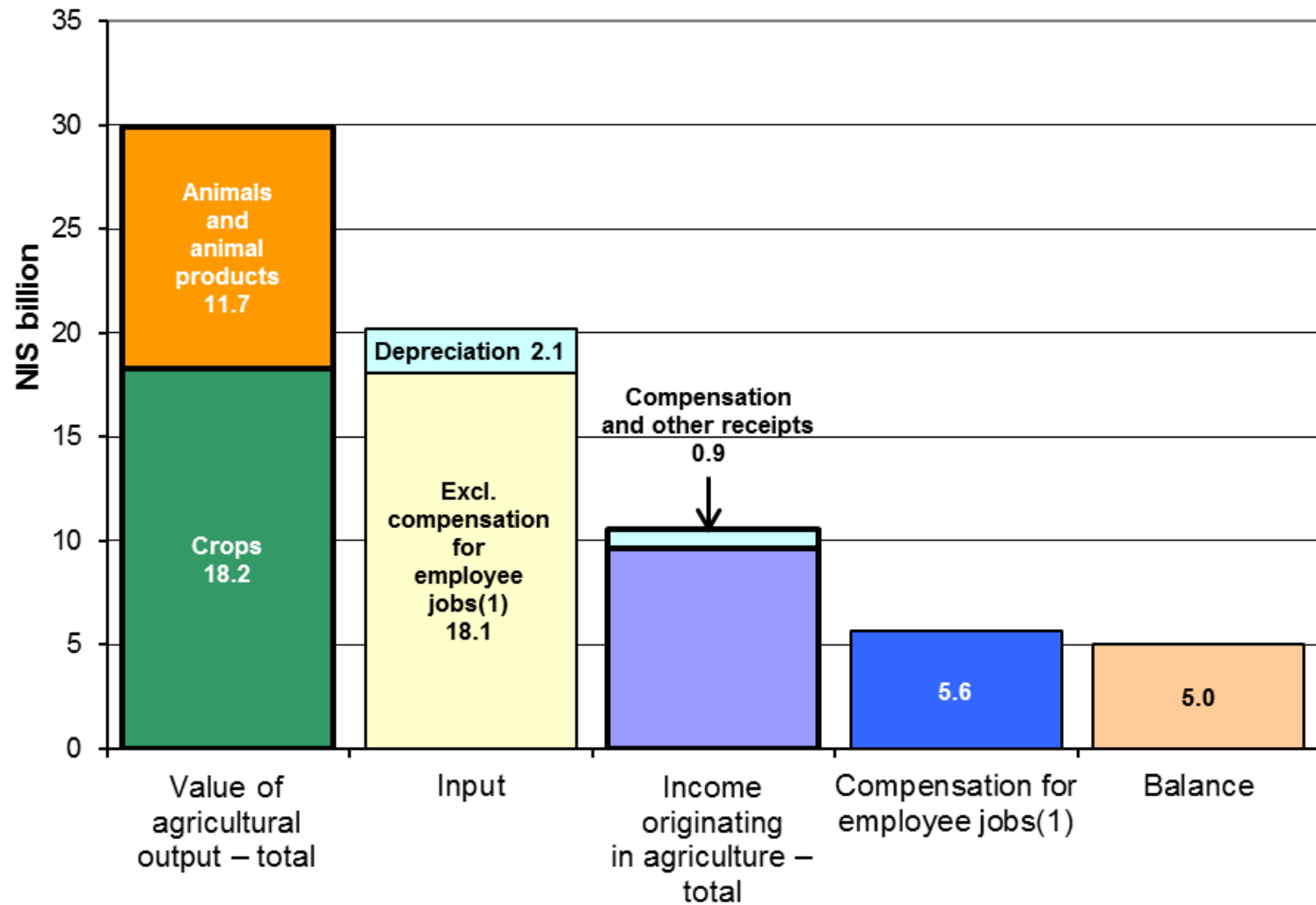


# Inputs in Agriculture 2015



**Total**  
**19.6 Millions NIS**

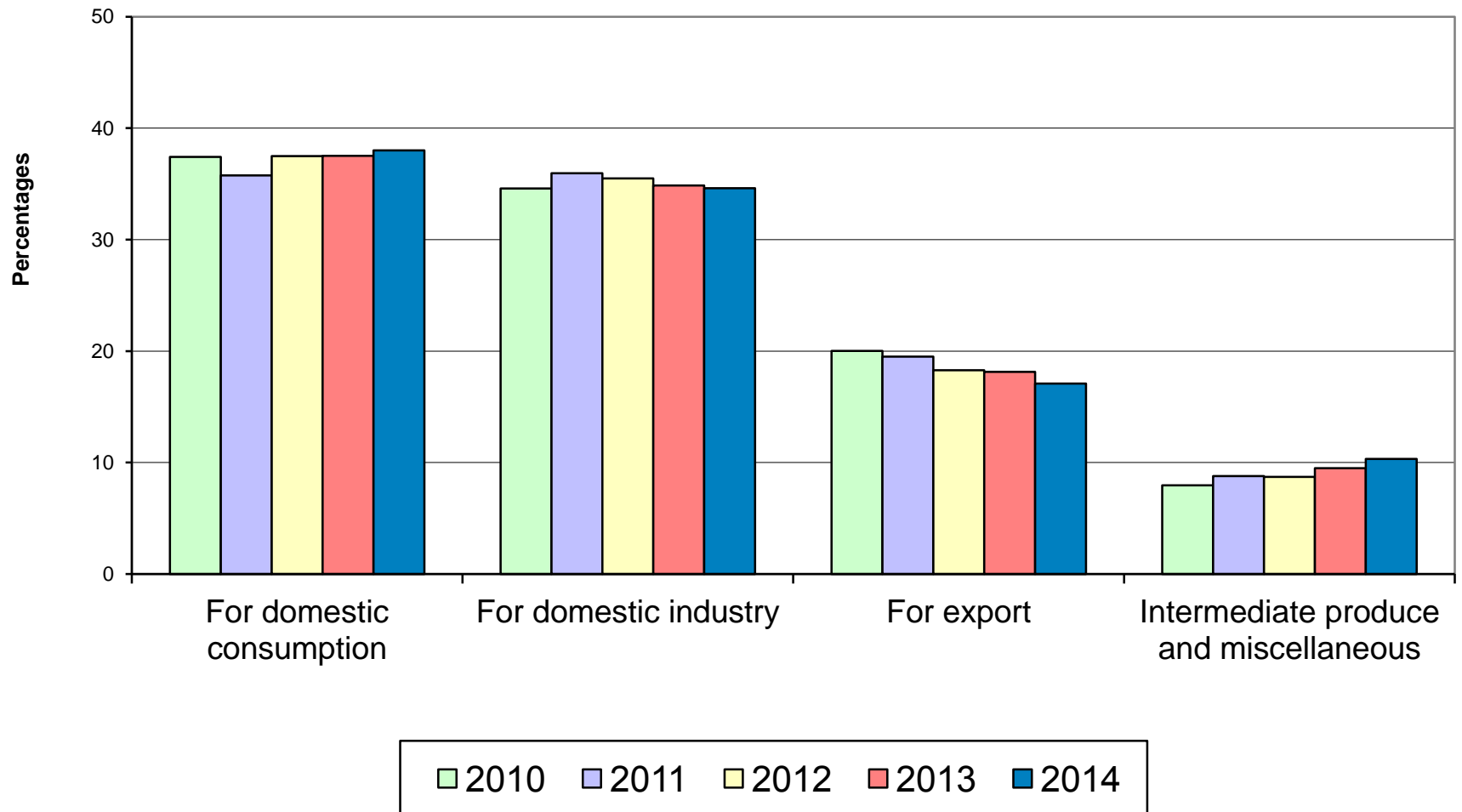
## 1: AGRICULTURE ACCOUNT 2014



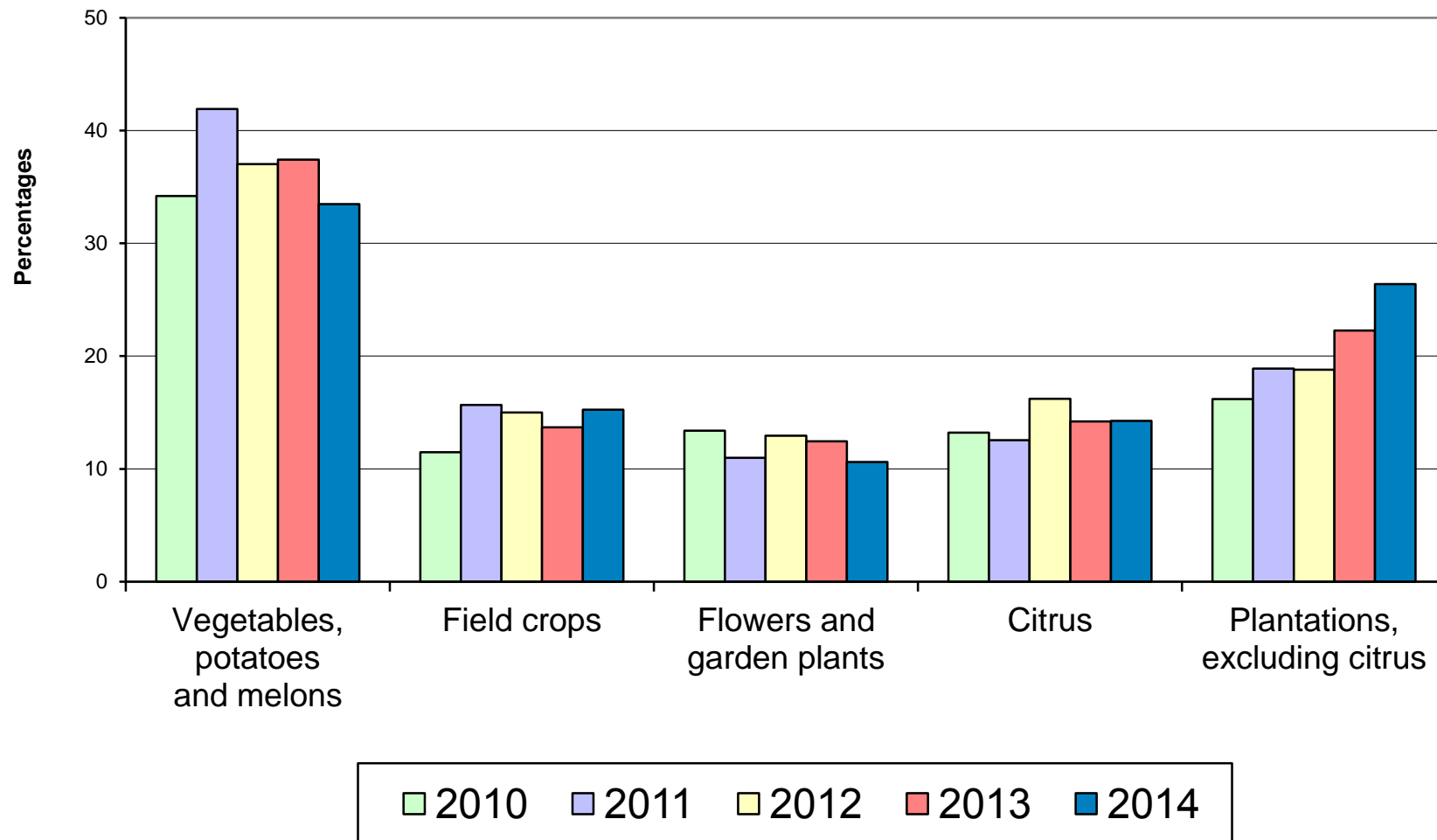
(1) Former term: "Compensation of employees".



## 7: AGRICULTURAL OUTPUT, BY PURPOSE 2010–2014



## 8: CROP EXPORTS – PERCENTAGE OF OUTPUT 2010–2014



An aerial photograph of a vast tulip field, likely in the Netherlands, showing neat rows of flowers in various colors including yellow, orange, red, and pink. The perspective is from a high angle, looking down at the field. The text "Thanks for your attention!" is overlaid in the center in a white, bold, sans-serif font with a slight drop shadow.

**Thanks for your attention!**