

# Short Term Indicators During Political Crisis: Index of Industrial Production in Palestine as a Case Study

Speed session 2

01/06/2016

Enas Mustafa

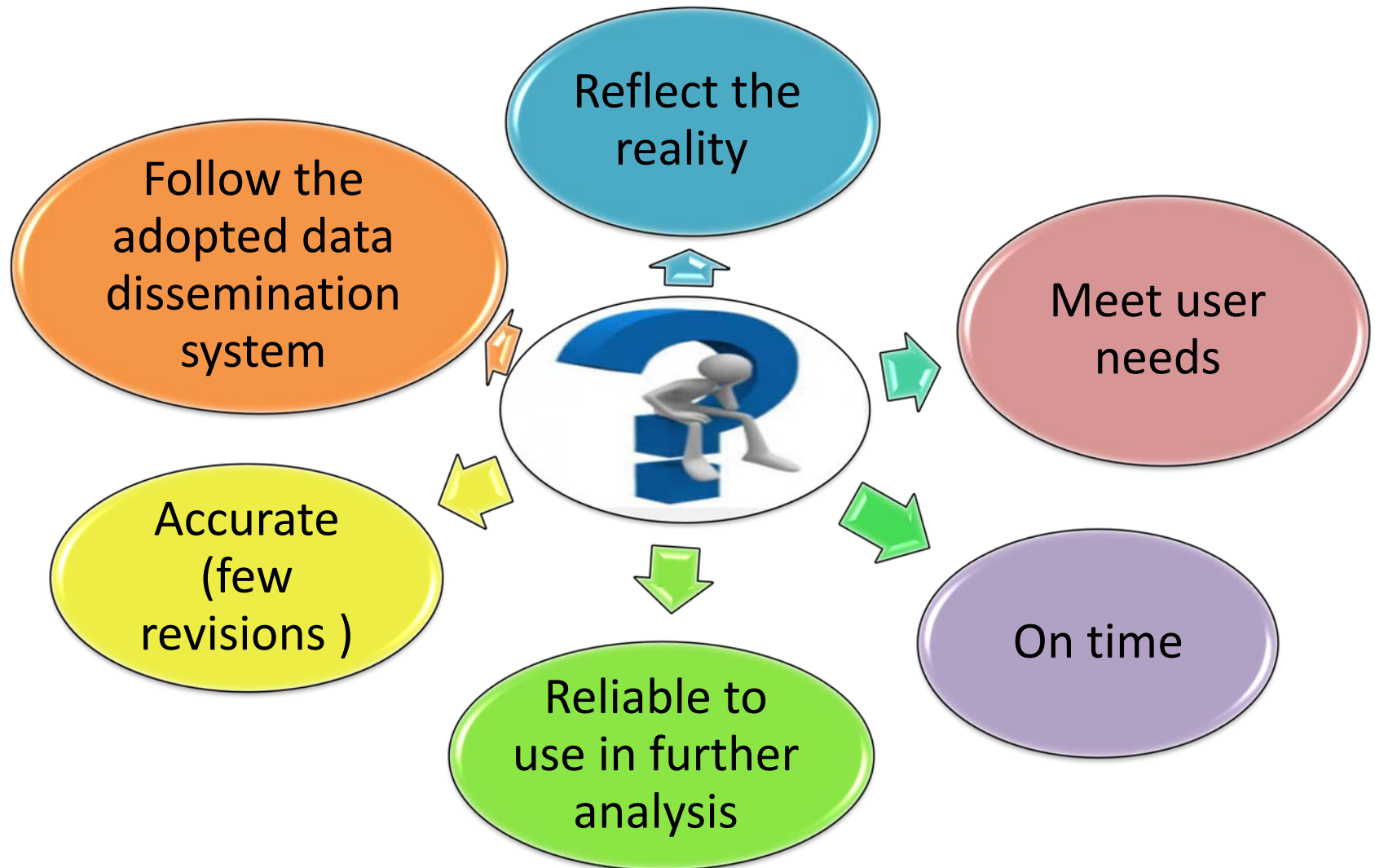
Palestinian Central Bureau of Statistics, Palestine

[emustafa@pcbs.gov.ps](mailto:emustafa@pcbs.gov.ps)

# Outline

- Introduction
- The case study of this paper
- Methodology
- Results
- Conclusions

# Introduction: official statistics during crises



# IIP as a case study:

- This paper introduces the Palestinian experience in estimating the IIP during 2014 war on Gaza Strip.
- The IIP is a monthly indicator that measures the change of the volume of goods or services produced over time.
- During the war, it was impossible to get any information from the industrial companies working in Gaza.

## Methodology:

Estimating IIP took several direction by analyzing the following:

**Filter the necessary industries for people to survive a fifty day war.**

**Following latest news reports coming from the field of conflict**

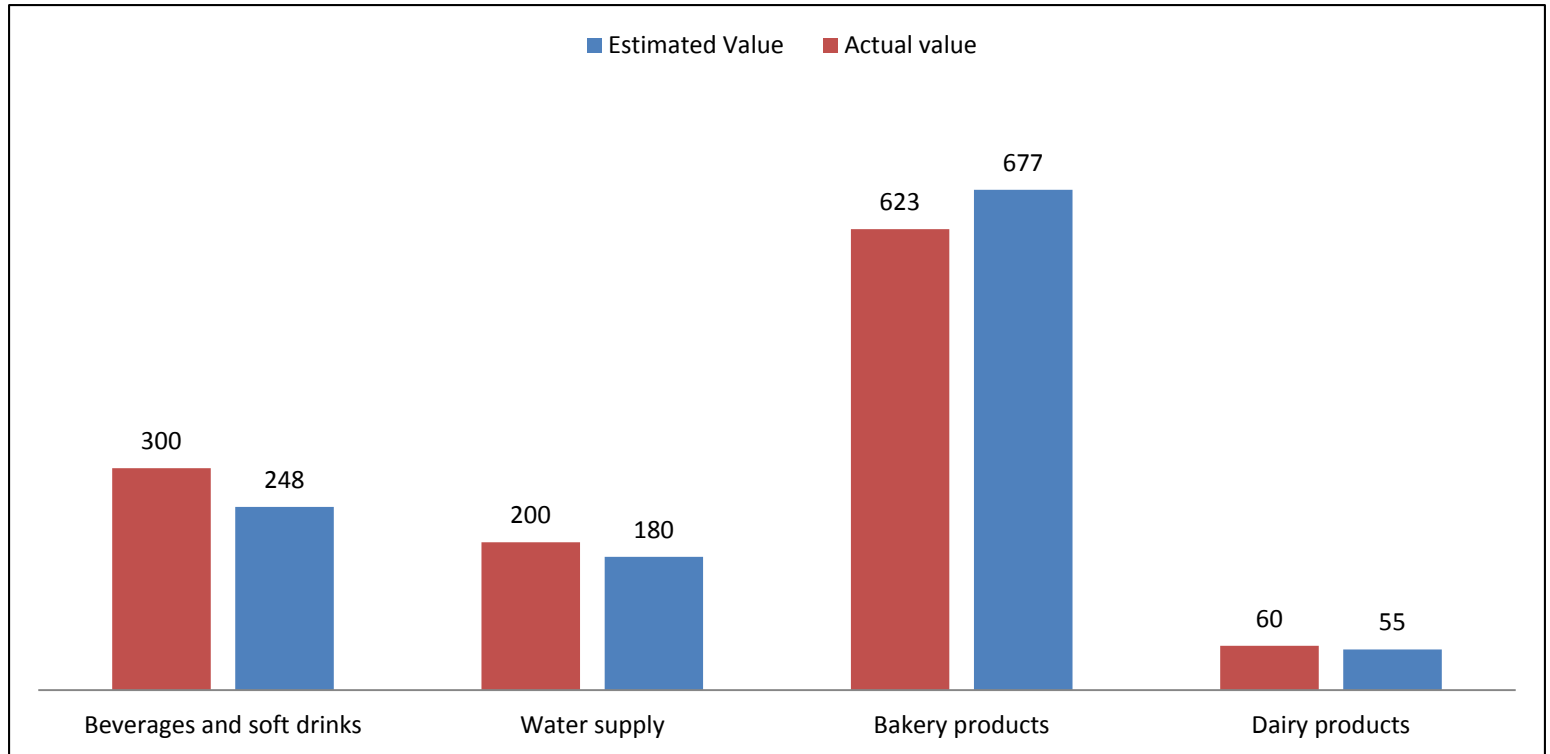
**Studying inputs necessary for production**

**Other production indicators**

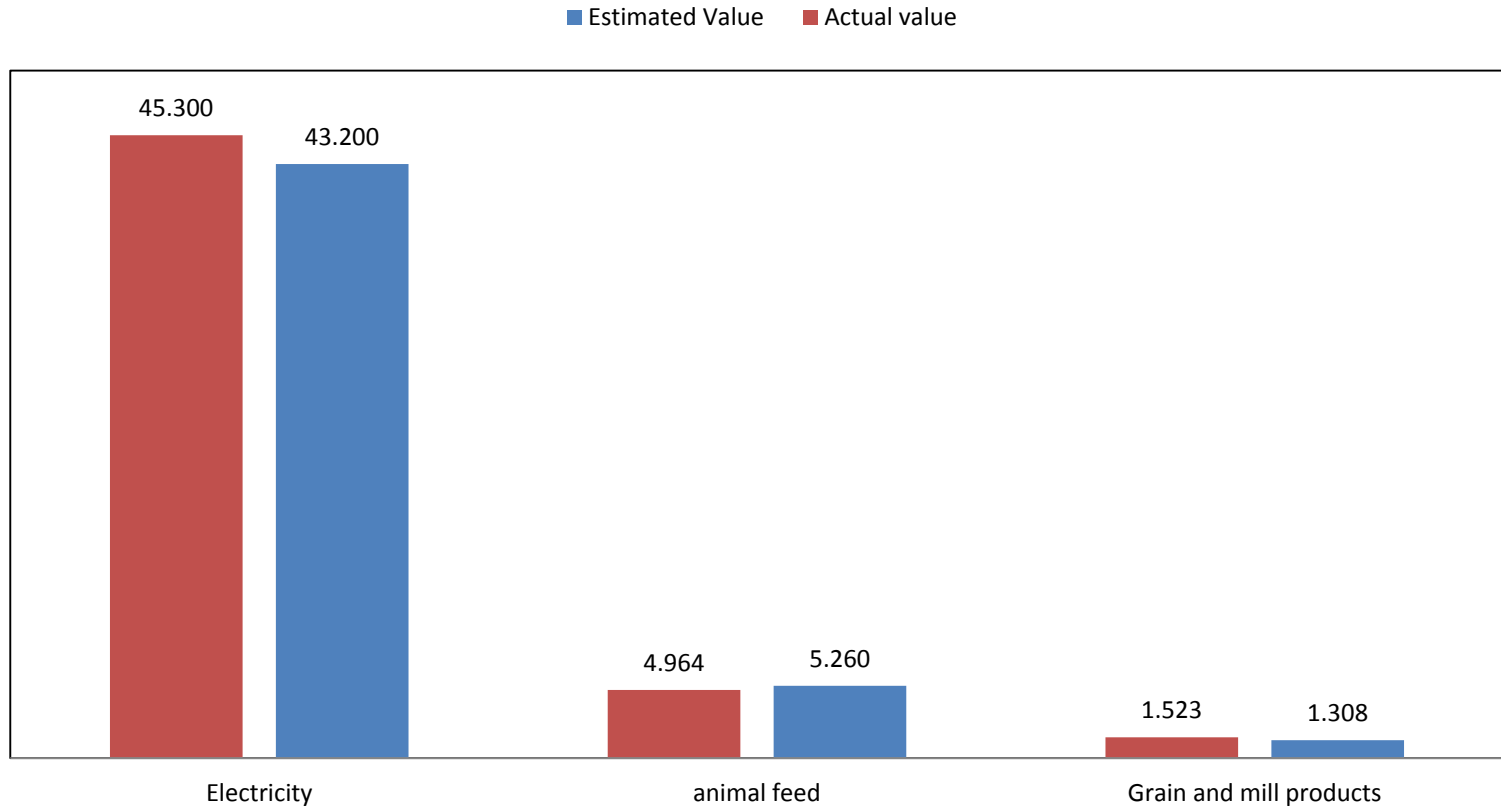
# Results:

- The results showed slight differences between the estimated values of production and the actual data collected after the end of the war.
- The accuracy of the published index was high and so the other indicators relying on the IIP.

# Actual vs. Estimated values:



# Actual vs. Estimated values:





# Conclusions:

- Publishing official statistics during any type of crises is a priority.
- All types of metadata can help in the analysis process when mathematical and time series analysis fail to interpret the reality during crises and exceptional situations.
- Statisticians must use all available data sources to make logical conclusions.
- This experience can be used to estimate other similar short term indicators.

---

*Thank  
you*

