

# Malawian Data Symposium

## Retail and Farm Gate Prices for Selected Crops, Animal and Animal Products – IFPRI Malawi

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# Motivation for data collection

- Reliable information about food commodity prices is crucial for policy making
- Informs market interventions to improve food security and nutrition and build the resilience of communities
- However, smallholder farmers often sell commodities in informal markets, without transactions being officially registered
- Hence, difficult to collect such price information
- IFPRI Malawi bridges this information gap by collecting retail and farmgate prices of major food commodities using innovative digital technologies

# Represented population

- Prices are collected across the country but represented population varies by commodity

## 1. Maize

Retail prices are collected from 26 markets (6 in the North, 5 in the Center and 15 in the South)

Farm gate prices collected directly from farmers across all districts in Malawi

## 2. Selected legumes (Bean, Soybean, G/nuts & Pigeon peas)

11 markets (3 in the North, 3 in the Center and 5 in the South)

## 3. Other Cereals (Rice and Sorghum)

13 markets (5 in the north, 2 in the Center and 6 in the South)

## 4. Roots and tubers (Cassava, Irish potato & Sweet potato)

18 markets (4 in the North, 6 in the Center and 8 in the South)

## 4. Chicken, Eggs and Goats

18 markets (4 in the North, 5 in the Center and 9 in the South)

## 5. Fish

13 markets (3 in the North, 4 in the Center and 6 in the South)

- Three monitors report prices from each market

# Data collection methods

- At least three price monitors are recruited in each market
- Data is collected by means of automated short message service (SMS) using Esoko platform
- Follow-ups are made by telephone the next day if needed

IFPRI-Malawi

Home People Agents Push Alerts **SMSPolls** Inbox Marketplace Upload Reports

**SMSPolls**

Monitor  
Polls  
**Reports**

**Reports**

Retail Price-2022-01-01 Individual responses 01 Feb 2022 - 31 Mar 2022

Search for Participant  
Enter name

Retail Price-2022-01-01

Participant	Question	Response	Response
Mzimba Kennedy Mwak...	Lero chimanga chakale ndi chatsopano c...	K160	11 Mar 22
Mponda Margret Kunte...	Lero chimanga chakale ndi chatsopano c...	Lero chimanga chili...	11 Mar 22
Mponda Margret Kunte...	Lero chimanga chakale ndi chatsopano c...	Admarc ya mdera l...	11 Mar 22
Chimbiya Jelard Josinala	Lero chimanga chakale ndi chatsopano c...	Admarc Sigula Ndik...	11 Mar 22
Chimbiya Jelard Josinala	Lero chimanga chakale ndi chatsopano c...	Lero Chimanga Chil...	11 Mar 22
Mzimba Geoffrey Nkunika	Lero chimanga chakale ndi chatsopano c...	Sikugulitsa	11 Mar 22
Mzimba Geoffrey Nkunika	Lero chimanga chakale ndi chatsopano c...	140 pa kg	11 Mar 22

Kodi chimanga chikugulitsidwa bwanji pa kg mu msika wa mdera mwanu lero? 15:05

Chimanga chikugulitsidwa 150 pa kg 15:05

Thank you, we have received your response 15:06

kodi mbatatesi ikugulitsidwa bwanji pa 5 litre pail mu msika wa mdera mwanu lero 15:13

Ikugulitsidwa 2000 kwacha 15:14

# Units of observation

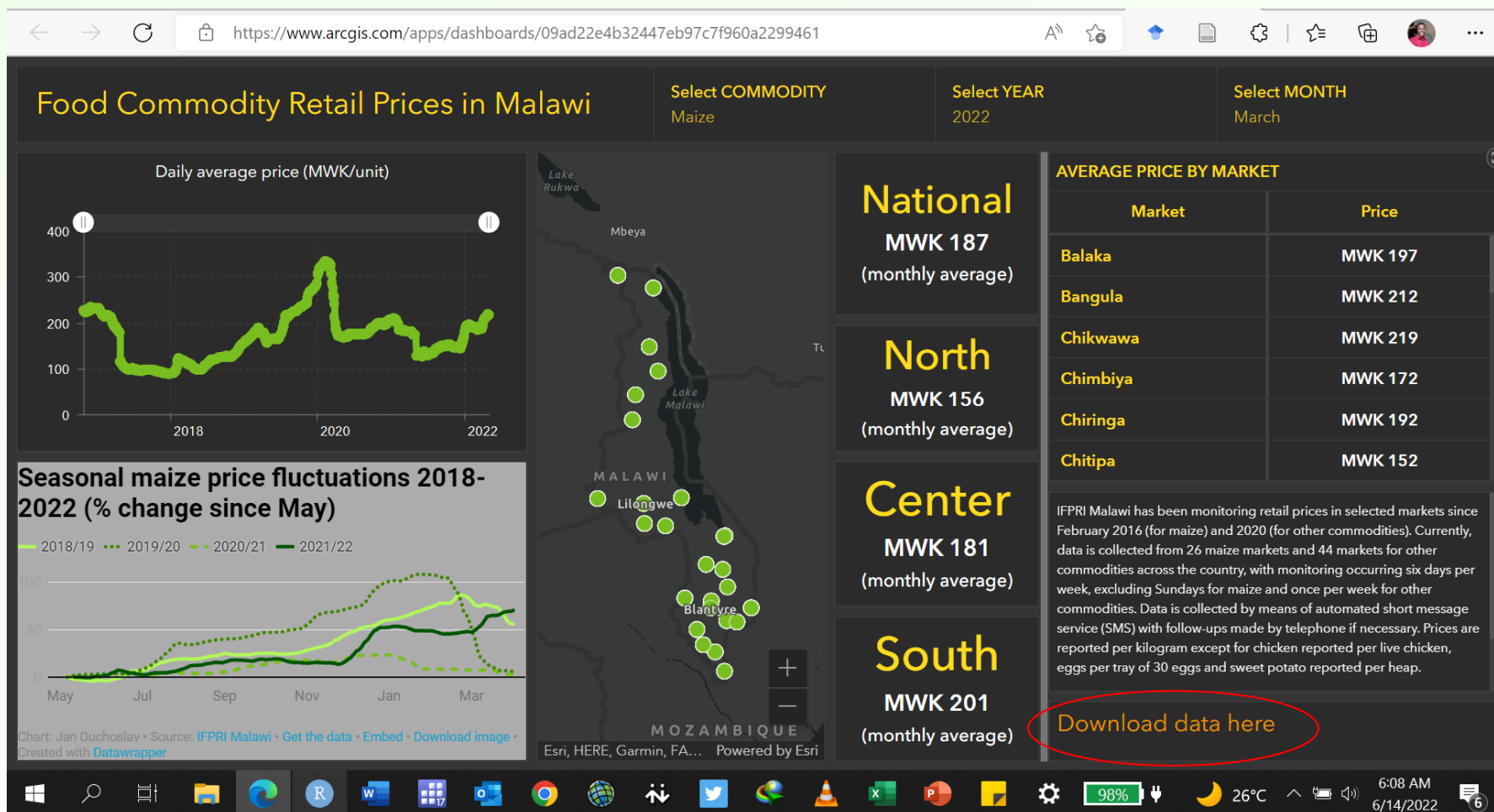
- All the retail price data is observed as time series data at the market level

	A	B	C	D	E	F	G	H
1	Date	Month	Year	Market	Region	Price	Commodity	Unit
50164	4/1/2022	April	2022	Rumphi	North	175	Maize	Kilogram
50165	4/1/2022	April	2022	Balaka	South	240	Maize	Kilogram
50166	4/1/2022	April	2022	Bangula	South	214	Maize	Kilogram
50167	4/1/2022	April	2022	Chikwawa	South	220	Maize	Kilogram
50168	4/1/2022	April	2022	Chiringa	South	180	Maize	Kilogram
50169	4/1/2022	April	2022	Chitipa	South	160	Maize	Kilogram
50170	4/1/2022	April	2022	Liwonde	South	220	Maize	Kilogram
50171	4/1/2022	April	2022	Luchenza	South	200	Maize	Kilogram
50172	4/1/2022	April	2022	Lunzu	South	210	Maize	Kilogram
50173	4/1/2022	April	2022	M'baluku	South	220	Maize	Kilogram
50174	4/1/2022	April	2022	Mangochi	South	220	Maize	Kilogram
50175	4/1/2022	April	2022	Mbayani	South	200	Maize	Kilogram
50176	4/1/2022	April	2022	Mpondabwino	South	210	Maize	Kilogram
50177	4/1/2022	April	2022	Mulanje	South	200	Maize	Kilogram
50178	4/1/2022	April	2022	Mwanza	South	150	Maize	Kilogram
50179	4/1/2022	April	2022	Ngabu	South	210	Maize	Kilogram
50180	4/1/2022	April	2022	Nsanje	South	220	Maize	Kilogram
50181	4/2/2022	April	2022	Chimbiya	Center	170	Maize	Kilogram
50182	4/2/2022	April	2022	Mchinji	Center	165	Maize	Kilogram

IFPRI\_Malawi\_Retail\_Prices\_Data

# How to access data

- Monthly and quarterly reports are regularly published on our website every month (<https://massp.ifpri.info/>)
- Efforts are also being made to develop a systematic way of sharing the data in form of a dashboard with data download functions
- The dashboard will also have some simple statistics like the average commodity price at national, regional and market level as shown in a sample dashboard next slide



# Thank YOU

Contact information:

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