



tralac Annual Conference

13 & 14 October 2022

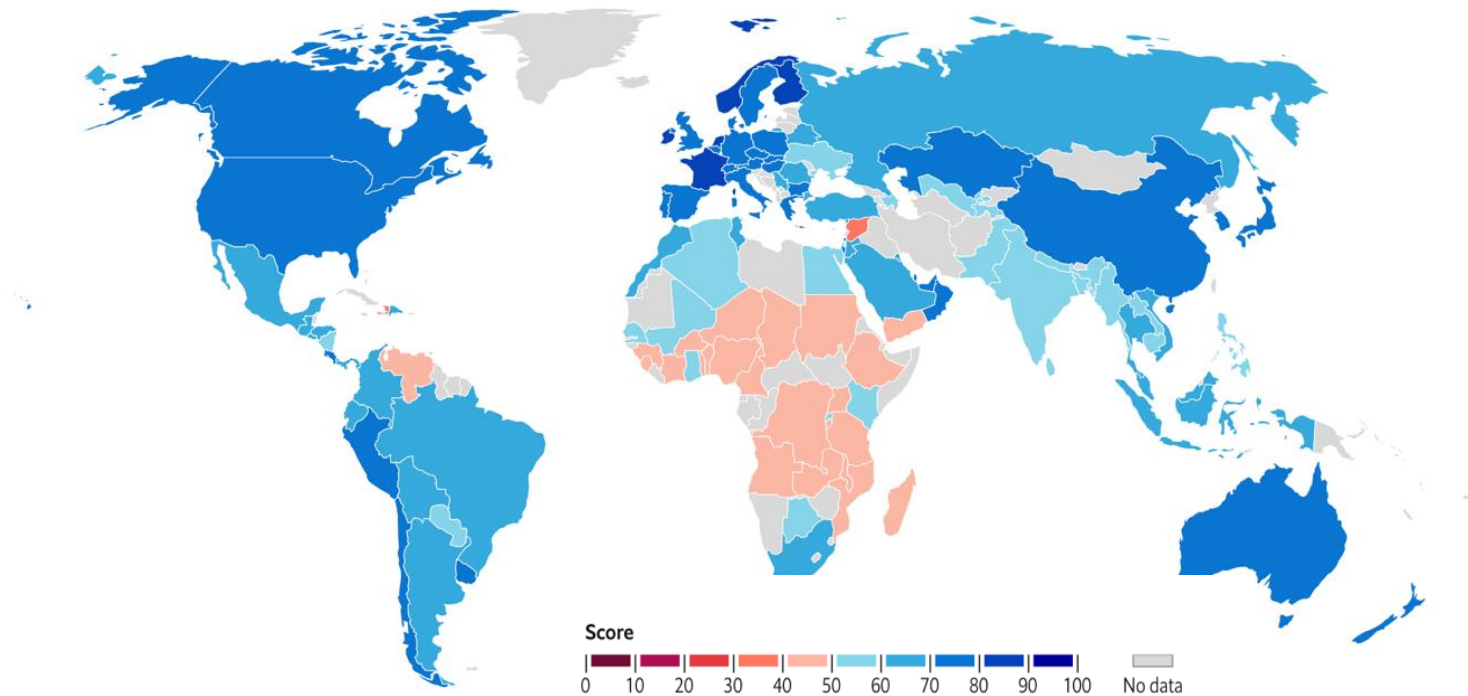
# Food security, climate, and trade

metrics

Maria Immanuel & Gita Briel

# State of food security in Africa

Global Food Security Index Scores, 2022



Deteriorating trend from 2014 – 2020

- Severe food insecurity increased from 17.7% to 25.9% of the Africa population
- Undernourishment increased from 16.7% to 21% of the continent's population

SSA GFSI score of 47 compared to global average of 62



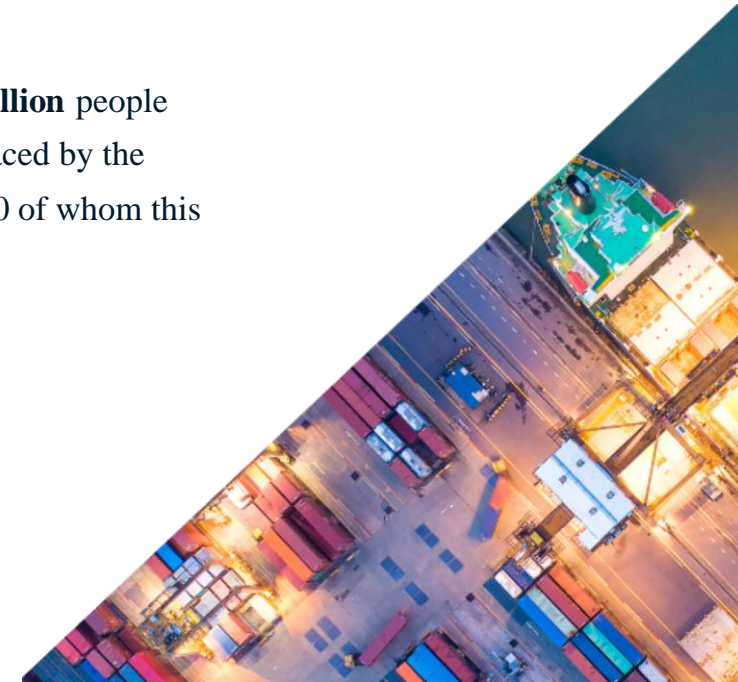


# Climate & Food crisis in Somalia



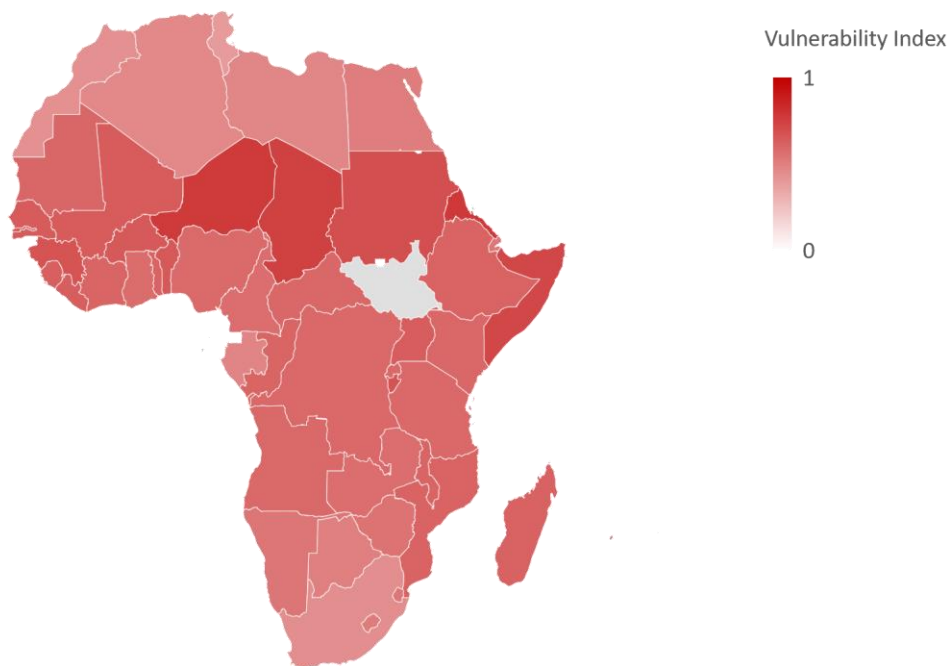
Climate-fuelled droughts and three failed rainy seasons

- **7.1 million** people face acute food insecurity
- **1.5 million** children under 5 face acute malnutrition - **386,000** of these face severe malnutrition
- **More than a million** people have been displaced by the drought, 750,000 of whom this year only

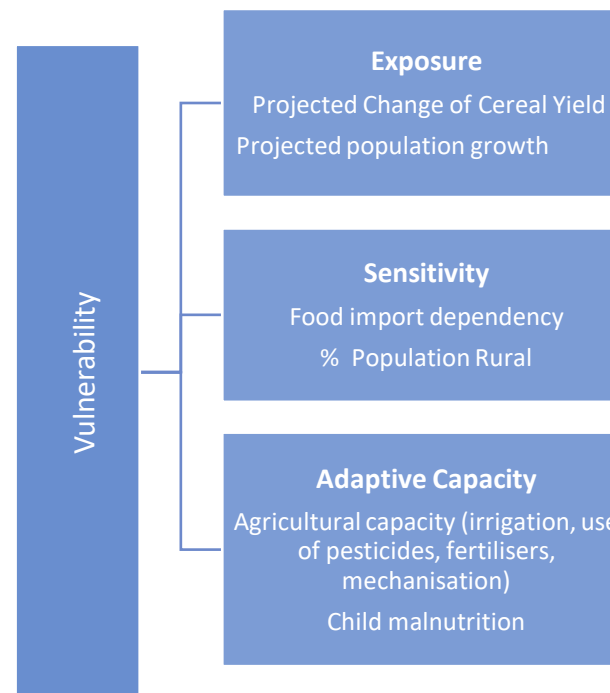


# Pronounced Food System Vulnerability

Food Security and Climate Change Vulnerability Index

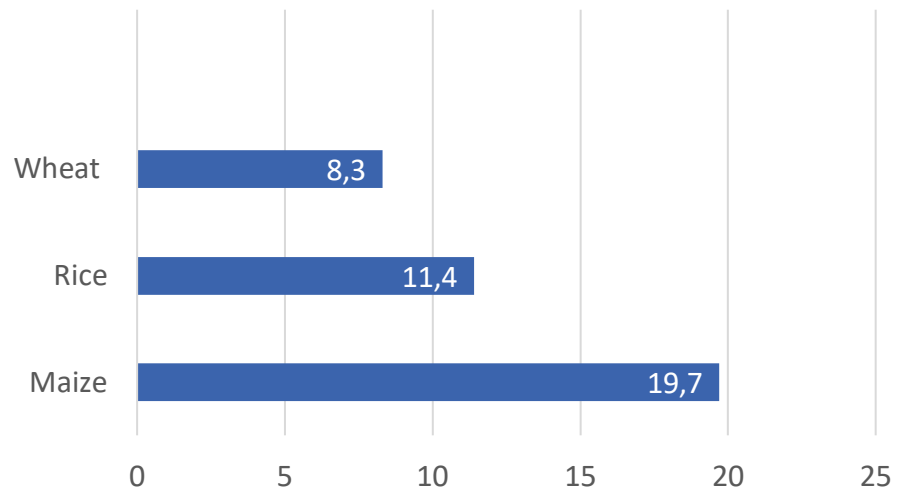


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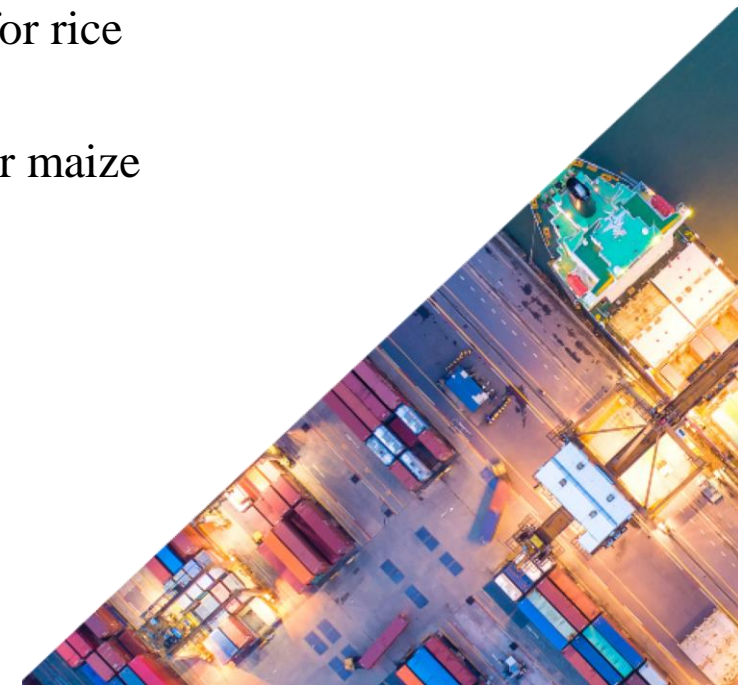
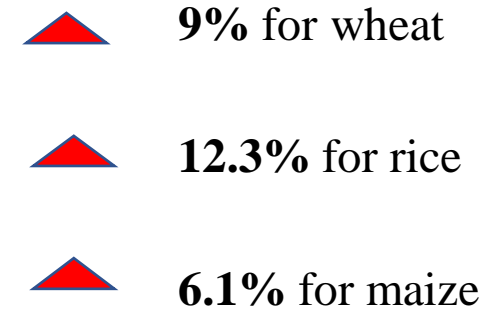


# Commodity Export Bans contributing to food inflation for key staples

Share of daily caloric intake in SSA  
(%)



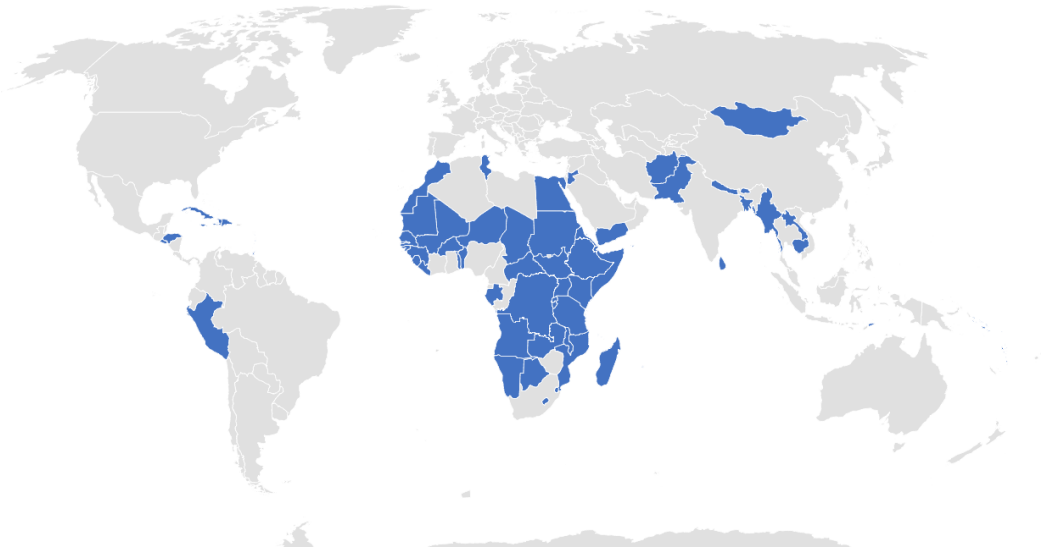
Price Impact of Export Bans imposed 2022



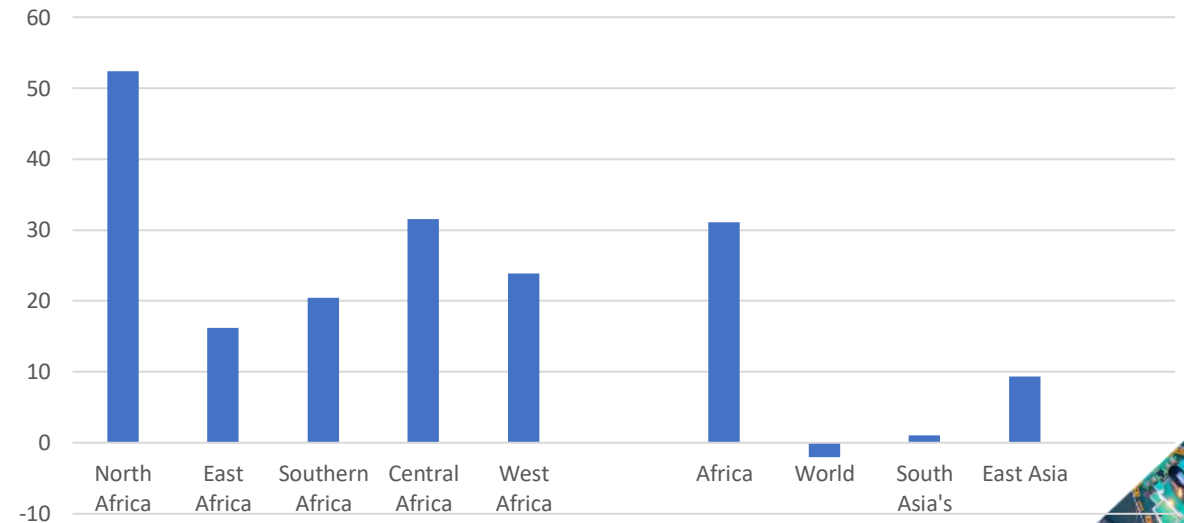


# Import dependency

Net food-importing developing countries



Cereal Import dependency ratio



# Key Drivers of Food Insecurity in Namibia



## DROUGHT

October -November 2021, 695 000 (26%) Namibians estimated to face acute food insecurity classied in criss by the Intergrated Food Security Phase Classification (IPC)



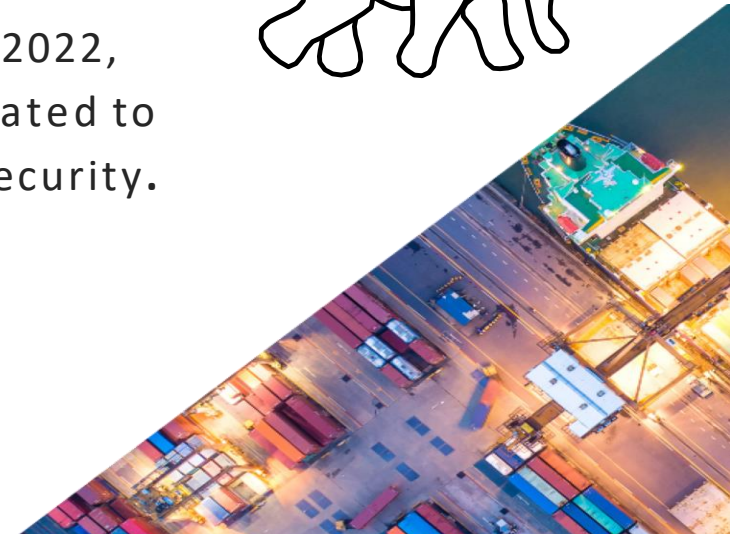
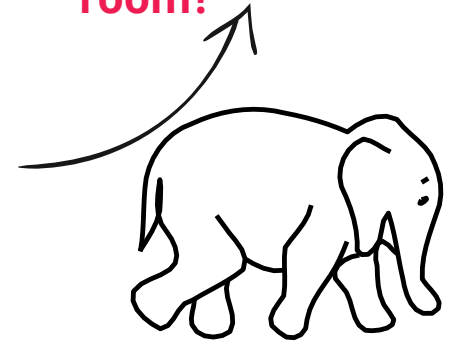
## COVID-19 IMPACT

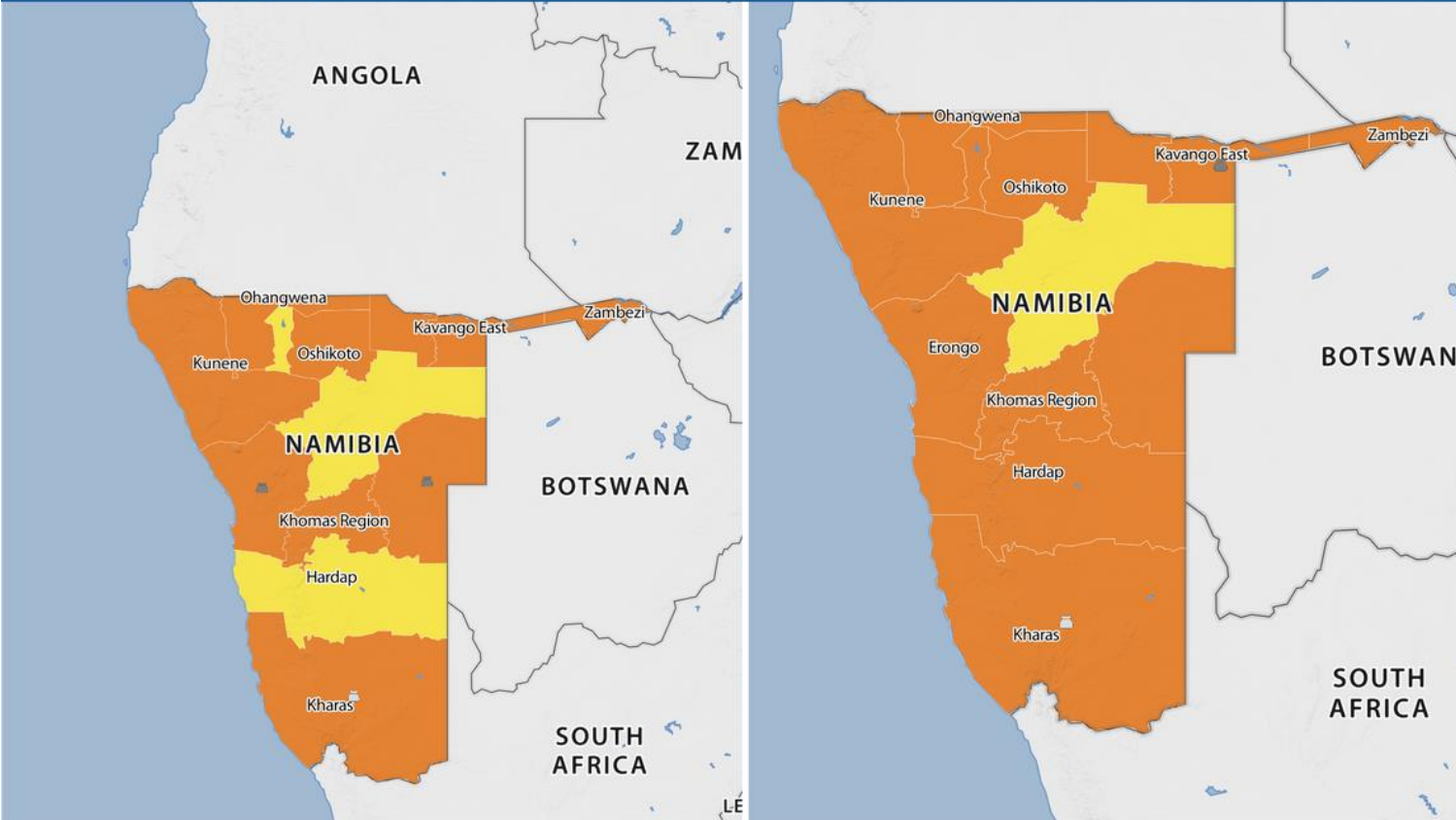


## PRICE SHOCKS

December - March 2022, 750 000 (30%) estimated to face acute food insecurity.

What is the elephant in the room?



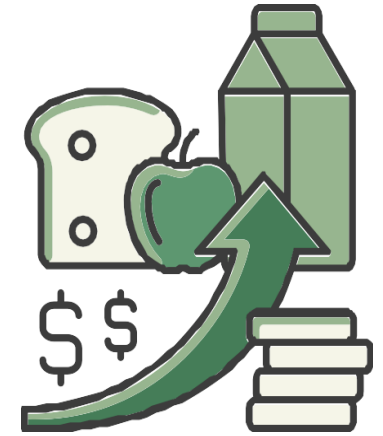


IPC Map Key: Acute Food Insecurity

1 - Minimal 2 - Stressed 3 - Crisis 4 - Emergency 5 - Famine Famine Likely Areas with inadequate evidence Areas not analyzed

Disclaimer: The information shown on this map does not imply that the IPC and CH officially recognizes or endorses physical and political boundaries.

Source: IPC 2022



- MANUFACTURERS INCREASED STAPLE FOOD PRICES UPTO 7% - DUE TO FUEL INCREASE
- NET IMPORTING COUNTRIES SEVERELY IMPACTED BY GLOBAL DISRUPTION OF SUPPLY CHAIN

Most of the regions are classified to be in crisis and in need of humanitarian assistance between Oct 2021 to march 2022. latest report available.





# Namibia's Food Production Status



**90%**

AGRICULTURE  
PRODUCTION IS  
LIVESTOCK

**50%**

decrease in  
livestock  
marketing by  
2020 due to  
prevailing  
drought  
conditions

**60%**

imports  
required to  
meet  
national  
demand of  
cereals,  
legumes,  
fruits &  
vegetables

**34%**

Domestic  
production  
of grains

**24%**

Post-harvest losses  
at farm level

**90%**

Fertiliser  
importation



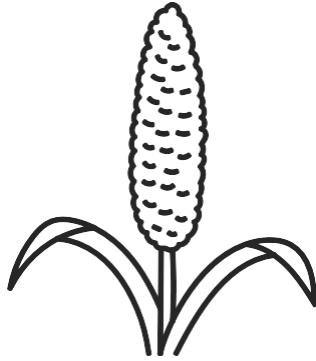
# National Grains Consumption

## 322 019 Tonnage



White Maize  
179 838 tonnes

56%



Pearl Millet -  
4844 tonnes

1%



Wheat - 137 337  
tonnes

43%

- Horticulture Demand - 89 082 tonnes
- Domestic production - 31 501 tonnes
- imports - 57 581 tonnes

35%  
domestic  
contribution

