

**Poverty Despite** 

**Growth in Indonesia** 

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## A CASE FOR ANALYTICS OF FOOD INSECURTY

• The achievement of Sustainable Development Goal (United Nations 2015)2 – "End hunger, achieve food security"

Jakarta as the case

The current program to address food insecurity do not optimize expected reduction level of hunger

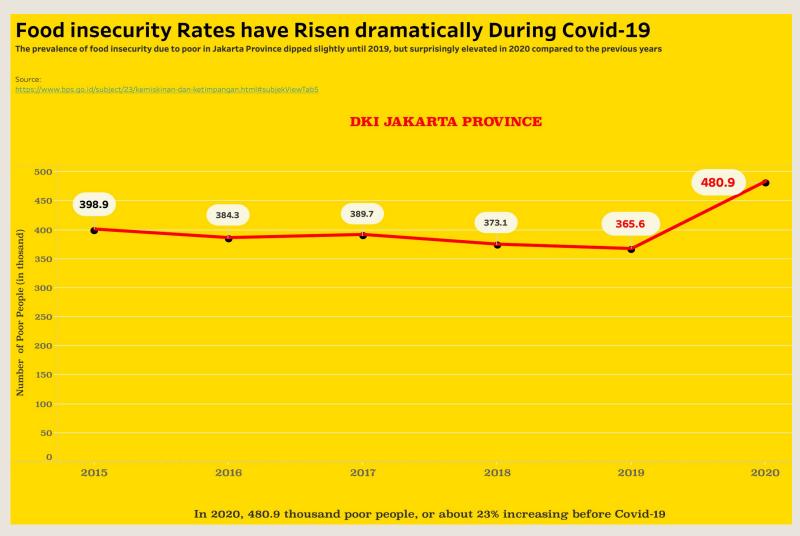
Using analytics

Modeling trends for food distribution optimalization represents a more extensive advantage

- Data source :
  - ✓ <a href="https://databank.worldbank.org/">https://databank.worldbank.org/</a>
  - ✓ <a href="https://data.jakarta.go.id/dataset?q=miskin&sort=1">https://data.jakarta.go.id/dataset?q=miskin&sort=1</a>
  - √ https://www.bps.go.id/indikator/indikator/list\_/sdgs\_2/



### DOES HUNGER CORRELATE WITH COVID-19?

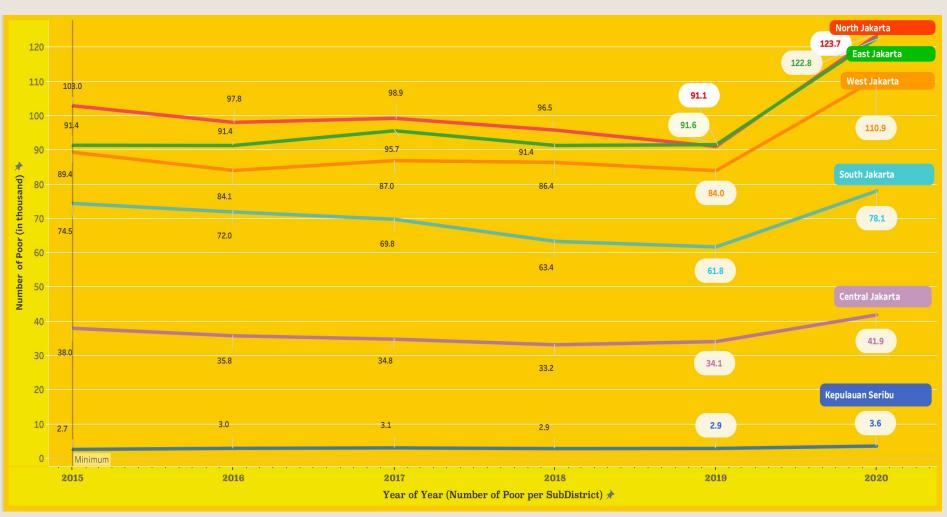


The Increasing Trends of Food Insecurity During COVID-19 in Jakarta,

23% in just 1 year



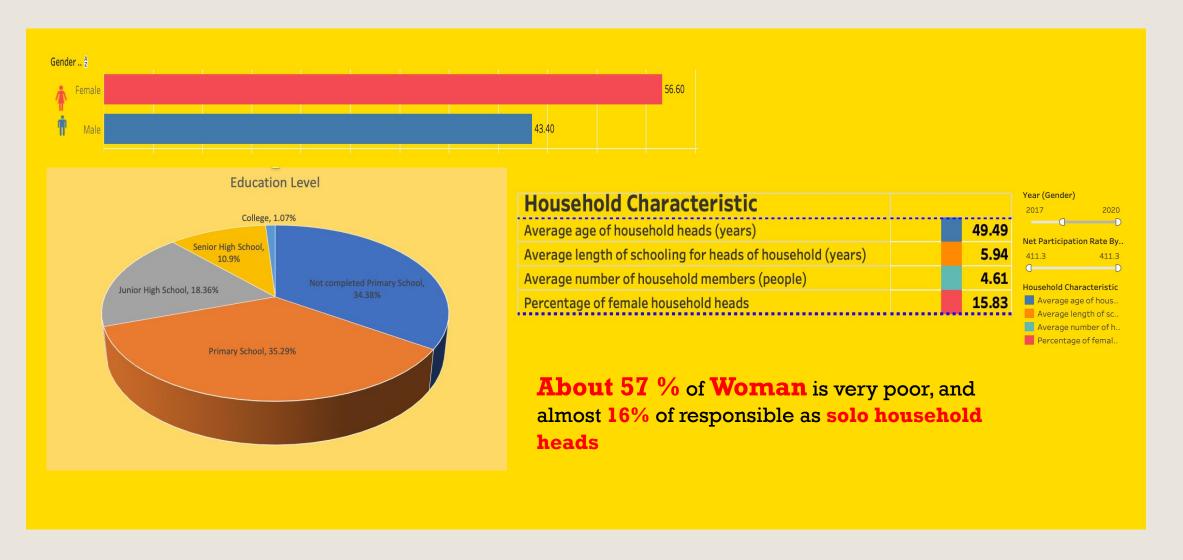
## EXPLORE CONDITIONS OF FOOD INSECURITY, JAKARTA NEIGHBOURHOOD.



North Jakarta 26 %
East Jakarta 25%
West Jakarta 24%
South Jakarta 21%
Central Jakarta 19%
Kepulauan Seribu 19%



### WHO IS THE MOST AFFECTED?

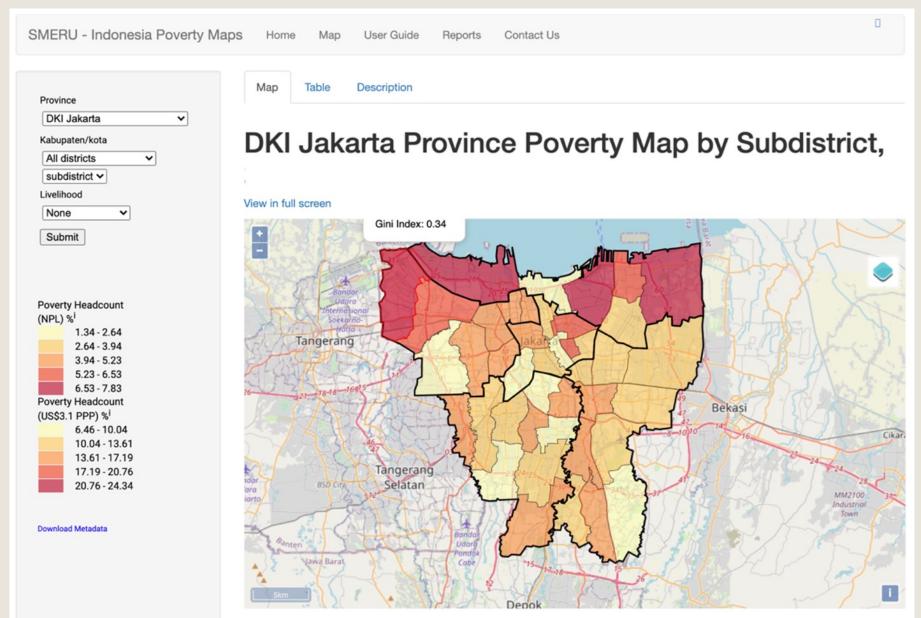




# MEANWHILE FOOD WASTE? HOW CAN WE MINIMIZE THE FOOD WASTE

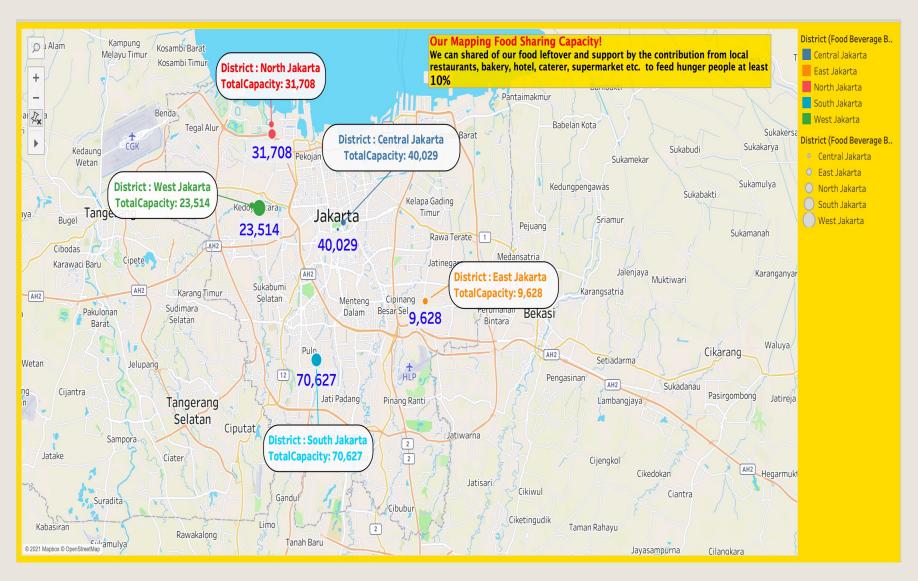


### JAKARTA POVERTY MAP AS REFERENCE





# INJURY TIME! LET'S GO FOR FOOD PANTRY, THIS IS OUR FOOD MAPPING CAPACITY!



We can shared of our food leftover and support by the contribution from local restaurants, bakery, hotel, caterer, supermarket etc. to feed hunger people at least 10%



#### FURTHER ANALYSIS FOR SUSTAINABILITY AND ACCURACY

 Coverage specific area with more detail and accurate data and provide food source data in order to support decision making in more effective distribution.

- A mobile application for the public as a community monitoring and reporting system of hunger people, and list of food donator which have leftovers sharing or whoever who wants to share food.
- To assess model performance : compare the accuracy against the Hunger Map.



## BECOME A HUNGER FIGTHER



**Growth in Indonesia** 

