



# Overview



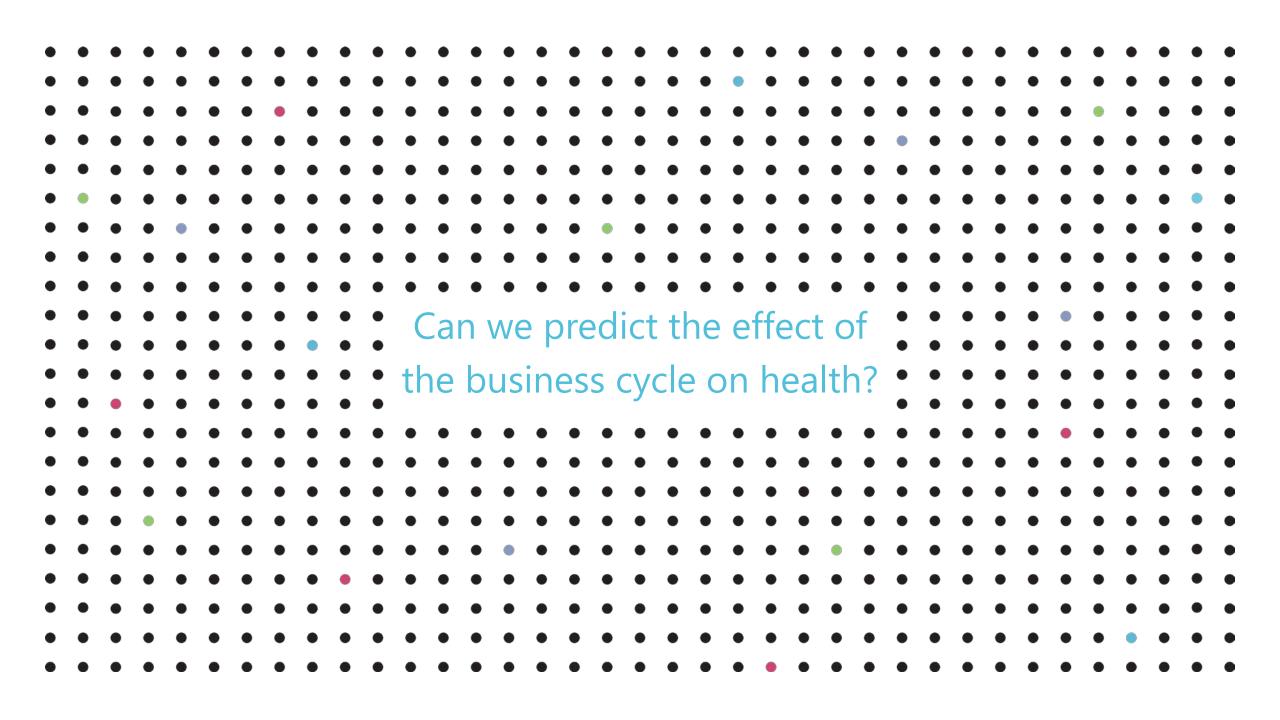
poverty and economic downturns on infants and children

Effects of

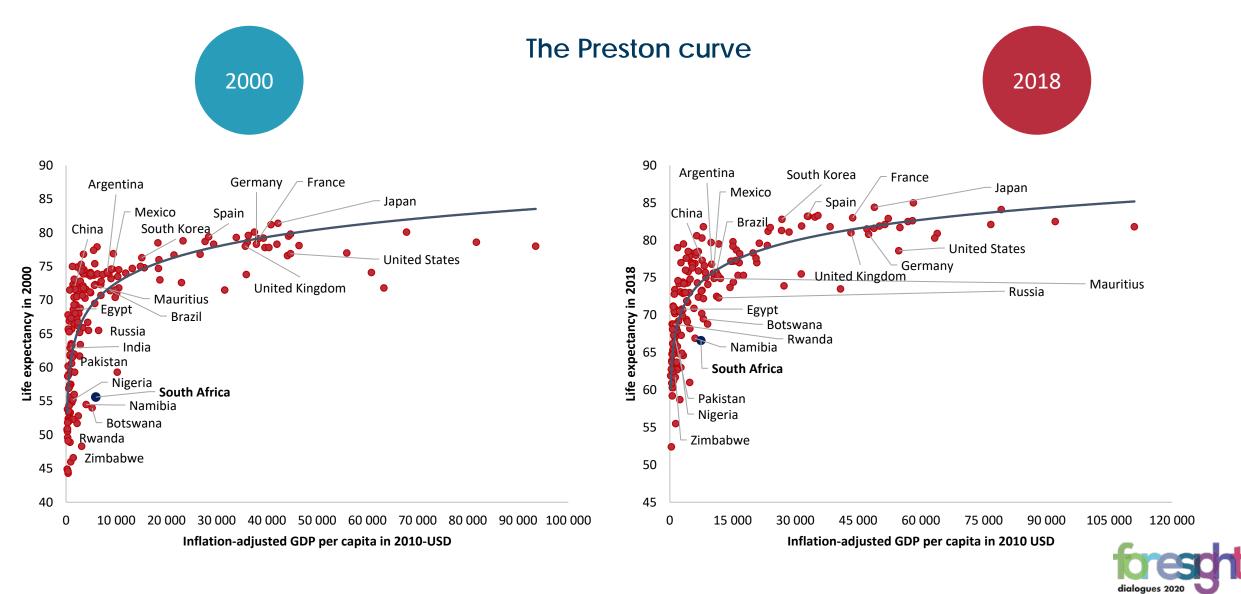


19 so far





# Theories explaining variation of health with the economy



# Theories explaining variation of health with the economy

#### Household income

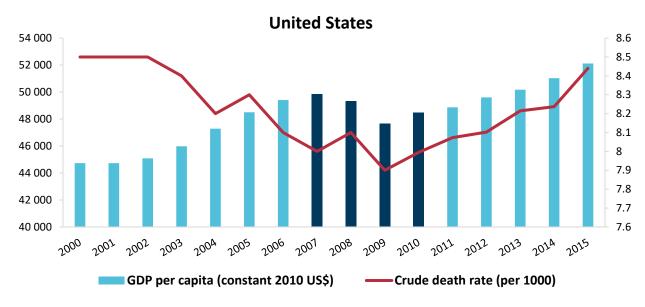
# 

#### Socioeconomic class

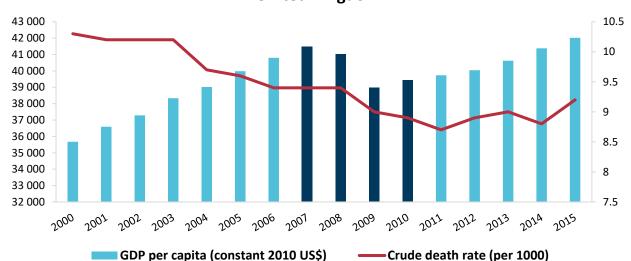
The "Social Gradient" in mortality



#### North America (and much of the developed world)





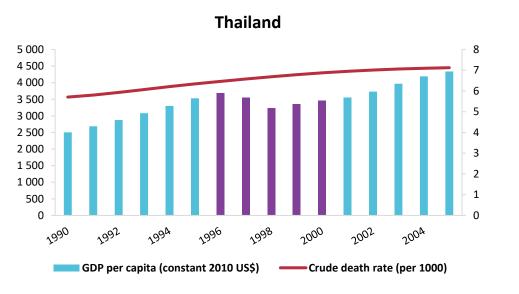


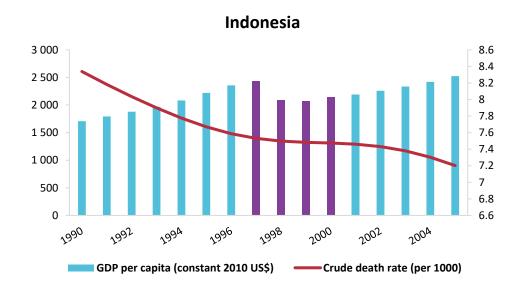
# Mortality rates largely pro-cyclical:

- Exercise and leisure
- Car accidents
- Pollution
- Work-related accidents and mental health

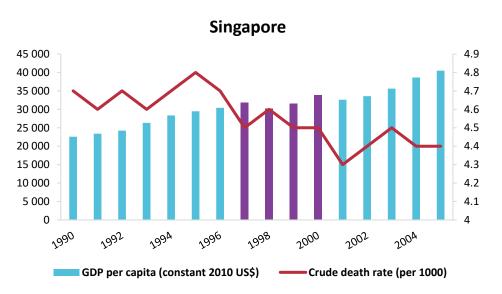


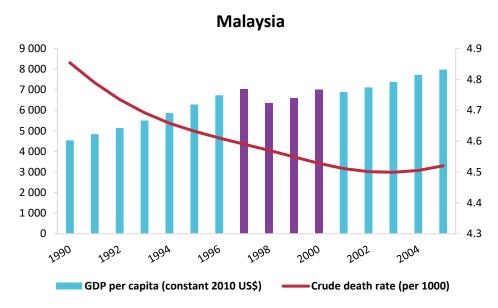
#### 1990's East Asian Economic Crisis





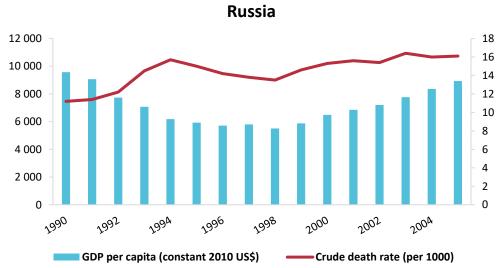


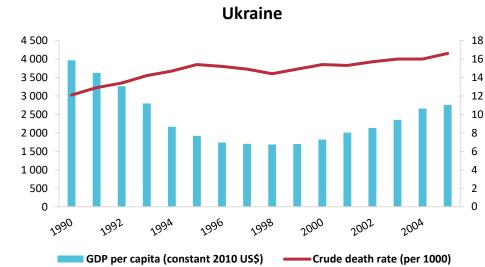


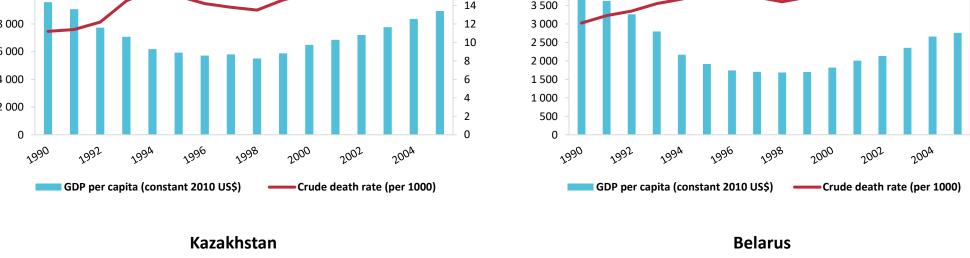


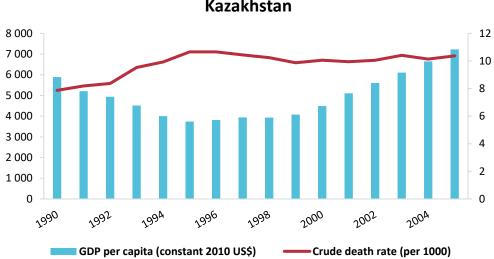


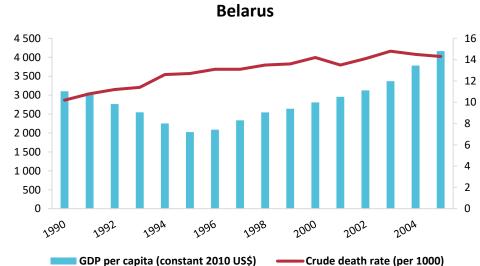
#### Dissolution of the Soviet Union















## More historical observations

China

Between 1960 and 2000, the annualized growth rate of GDP was negatively correlated with the annualized rate of reduction of the infant mortality rate

Health gains preceded economic growth

India

From 1965 to 1985, the correlation between changes in income and health was tight, but in more recent years, as economic growth has taken off, the rate of improvement in the infant mortality rate has fallen off.

**Ambiguous observations** 

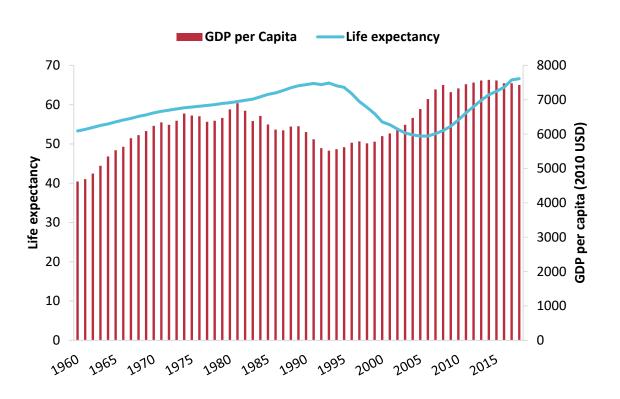


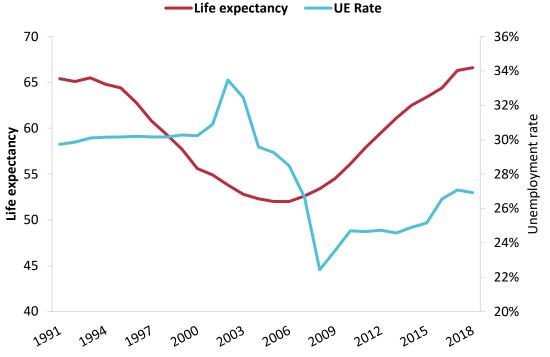
#### **South Africa**

Evidence inconclusive!

GDP per capita vs life expectancy

Unemployment vs life expectancy



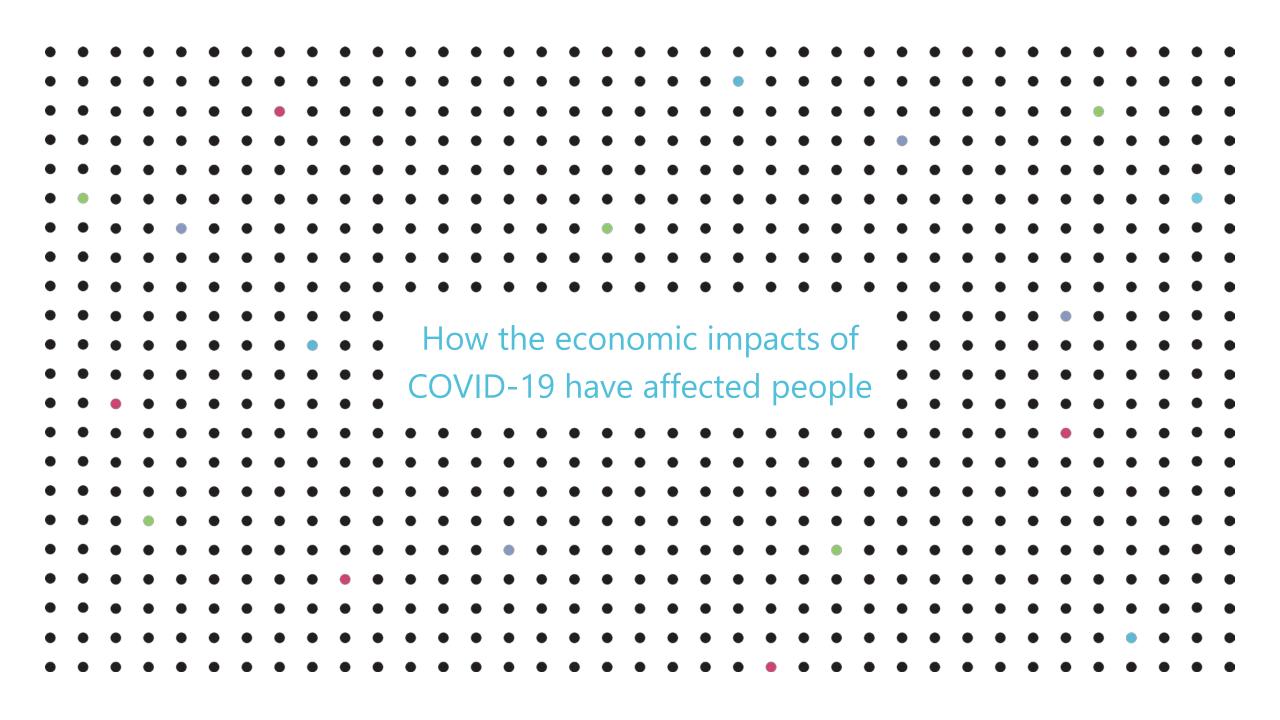




Limitations of literature so far





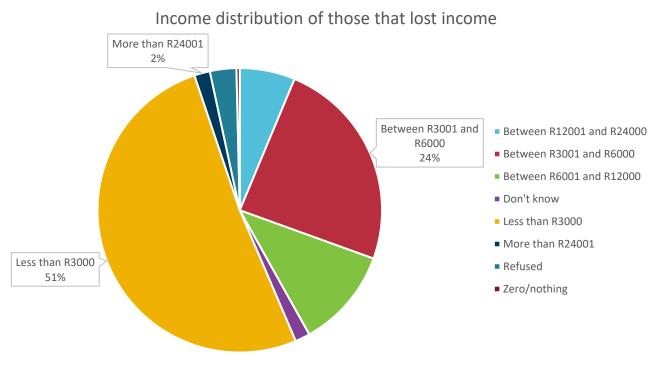


#### Jobs lost since February



90% of respondents said loss of income was due to Lockdown

Over 70% of respondents who lost their source of income had been earning less than R6000 pm



Source: NDIS-CRAM survey

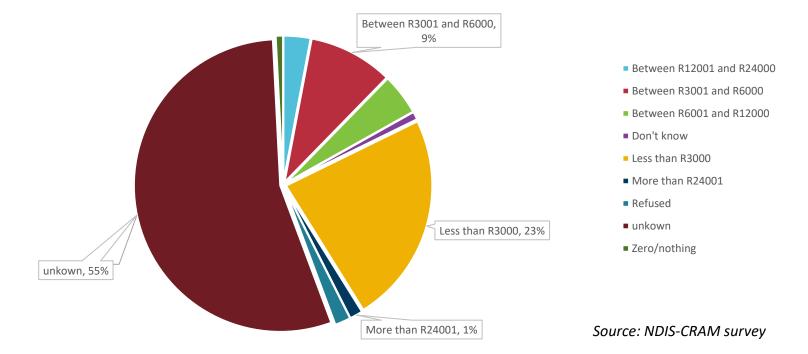


## Respondents that experienced hunger

Income distribution of respondents who experienced hunger at least once a week

26% of respondents said they had experienced hunger in the past 7 days

32% of respondents who experienced hunger were earning less than R6000

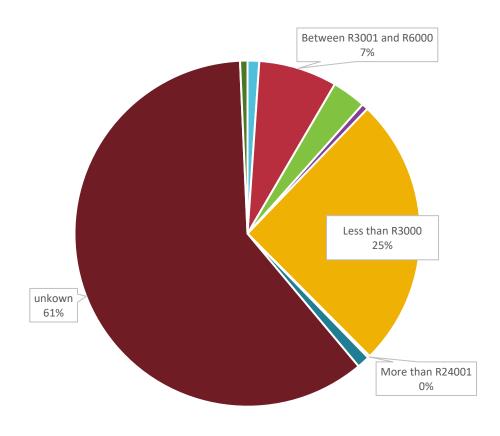


## Child Hunger since February

19% of respondents said their children had experienced hunger in the past 7 days

32% of respondents whose children experienced were earning less than R6000

#### Children experienced hunger at least once a week



- Between R12001 and R24000
- Between R3001 and R6000
- Between R6001 and R12000
- Don't know
- Less than R3000
- More than R24001
- Refused
- unkown
- Zero/nothing

Source: NDIS-CRAM survey





#### Downward shocks in the economy affect the poor more

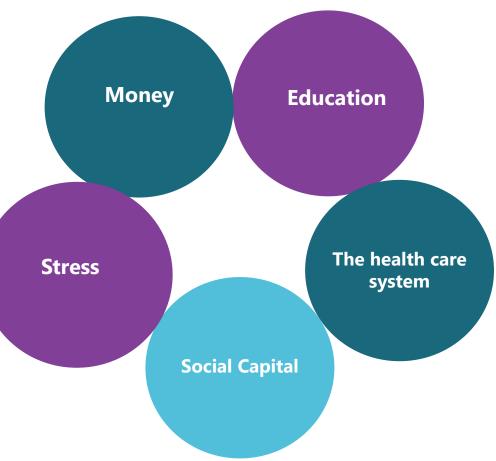
Unemployment rate rose to 6.5% but for low income groups in America increased from 6.3% to 10.3%

Poor groups of people have 2 to 3 times higher death rates than those of a higher financial status



Socioeconomic mortality and morbidity

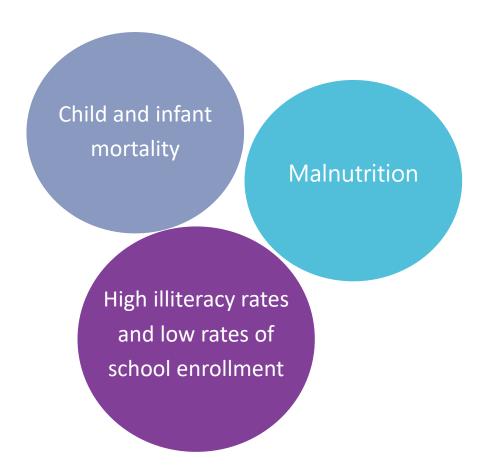
differences







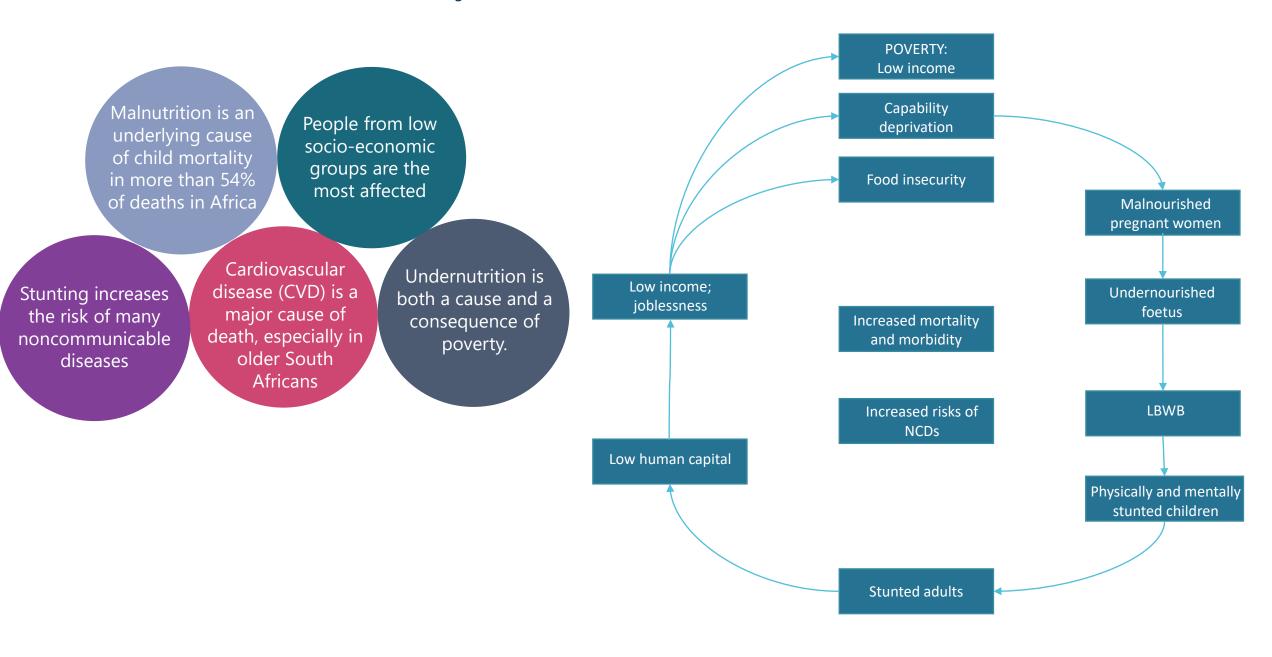
# Effects of poverty on infants and children







#### Poverty and Malnutrition in South Africa



## Effects of lockdown on health

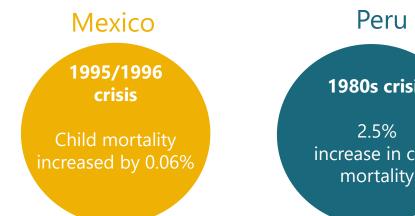




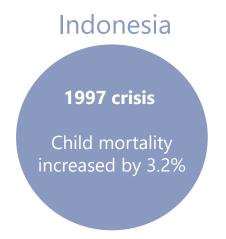
Effects of economic downturns on infant mortality in low and middle income economies



## Low and middle income economies show infant mortality is counter cyclical

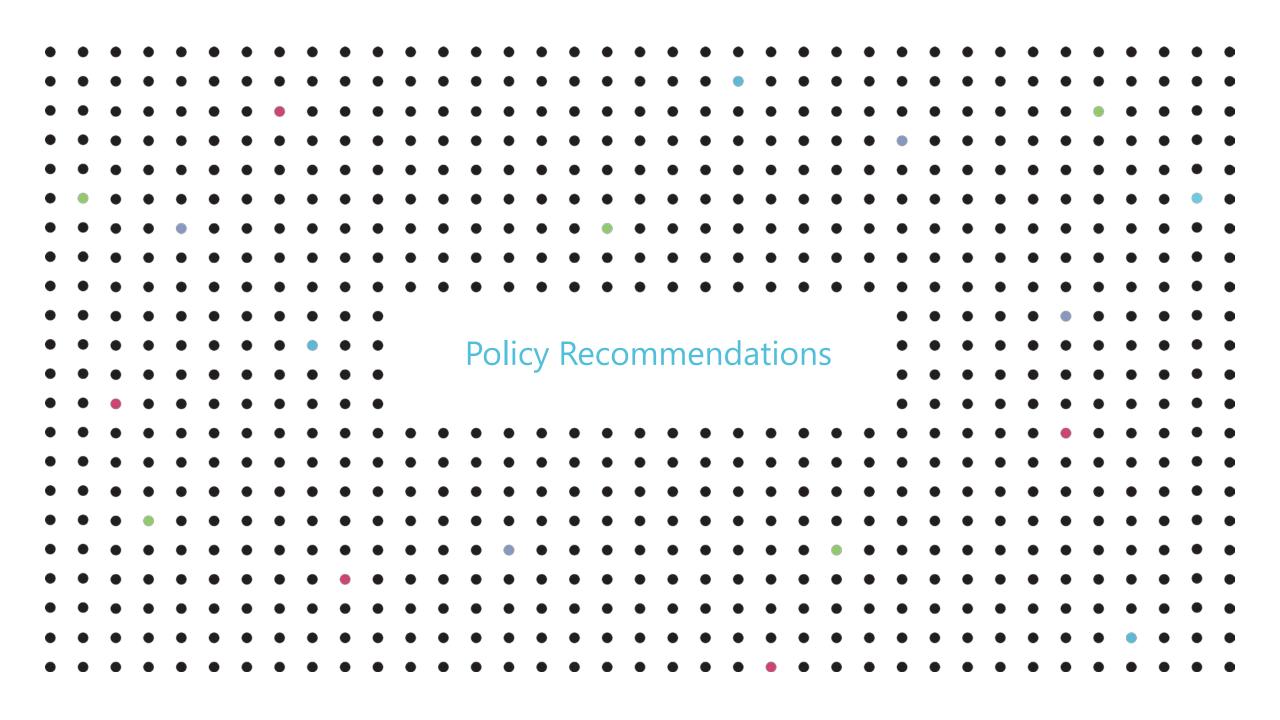












Policy recommendations and grants that have been made available





# Social cohesion through COVID-19



In addition to government action individuals and communities can also help each other during these difficult times

# aQuallé kindness map





# Charles



I got retrenched beginning of this year and due to the COVID-19 outbreak I couldn't get any job. My neighbor has been so generous for allowing my entire family to eat supper at his house everyday until I can be able to get back at my feet. It has immensely helped us as family.



# Angel Mseleku



I do events planning and catering for a living. The pandemic has been very tough for every person and has put a strain on multiple families. The acts of kindness I do is help out my community members aa well as relatives in terms of providing free catering as well as other things for families that have lost their loved ones. I also cook and provide clothes for people that are physically challenged at my local church

In addition to government action, individuals and communities can also help each other during these difficult times

Possible long-term silver linings of COVID-19

Regional





