

Seminar Series:

Demography and COVID-19 in Africa - Evidence and Policy Responses to Safeguard the Demographic Dividend

Department for Social Development (DSD), Statistics South Africa (Stats SA); African Union (AU) Southern Africa Development Community (SADC), United Nations Population Fund (UNFPA); Population Association of Southern Africa (PASA); Union of African Population Studies (UAPS),

# Global perspectives on COVID-19:

Trends and impacts on demography and the demographic dividend.

Jose Miguel Guzman  
**NoBrainerData**

# ABOUT THIS PRESENTATION

- Some Facts about COVID
- Demographic impacts
- The demographic dividend

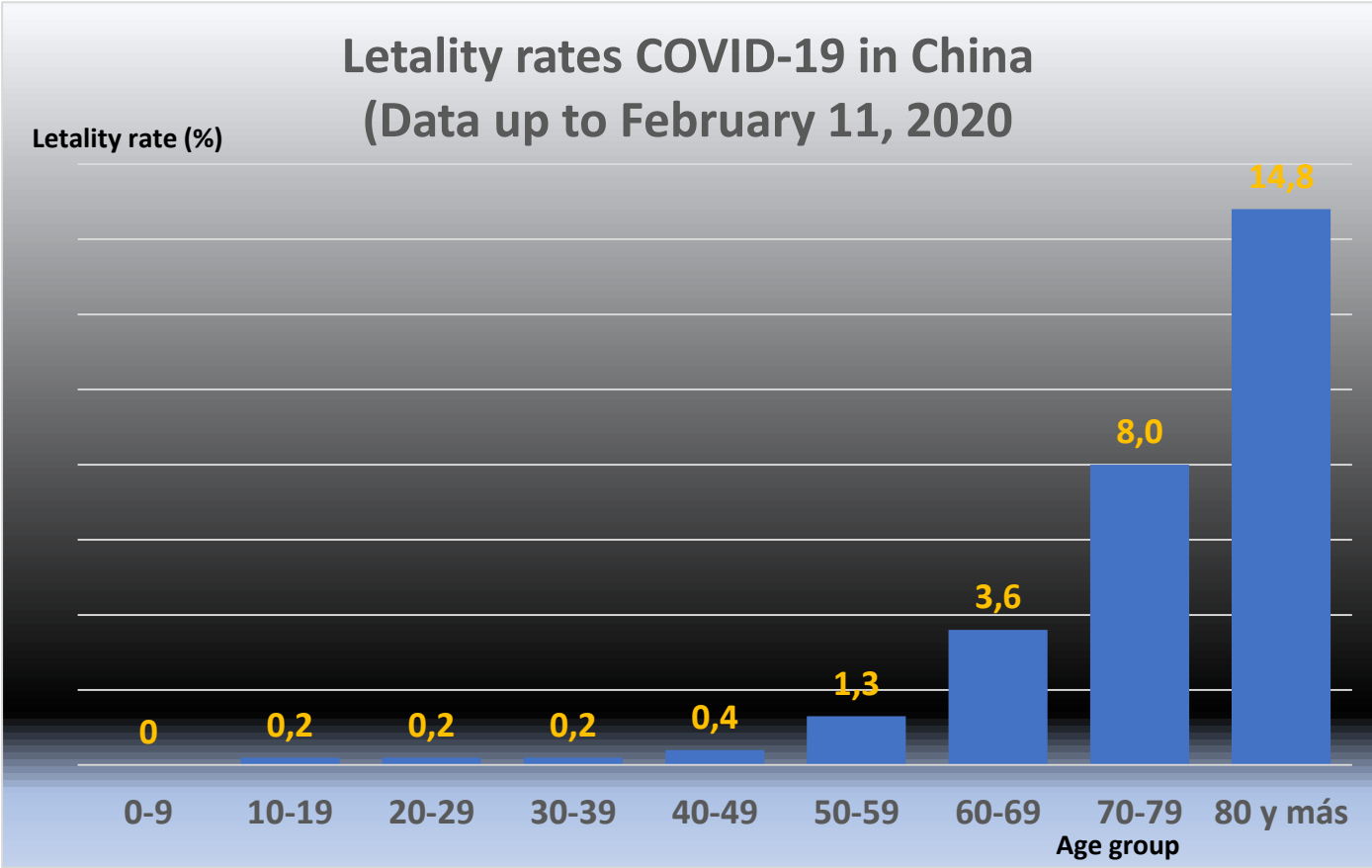
# COVID-19: A demographic view of the Pandemics globally and in Africa

Let's start with some: **FACTS**

# COVID-19: A demographic view of the Pandemics globally and in Africa

**FACTS:**

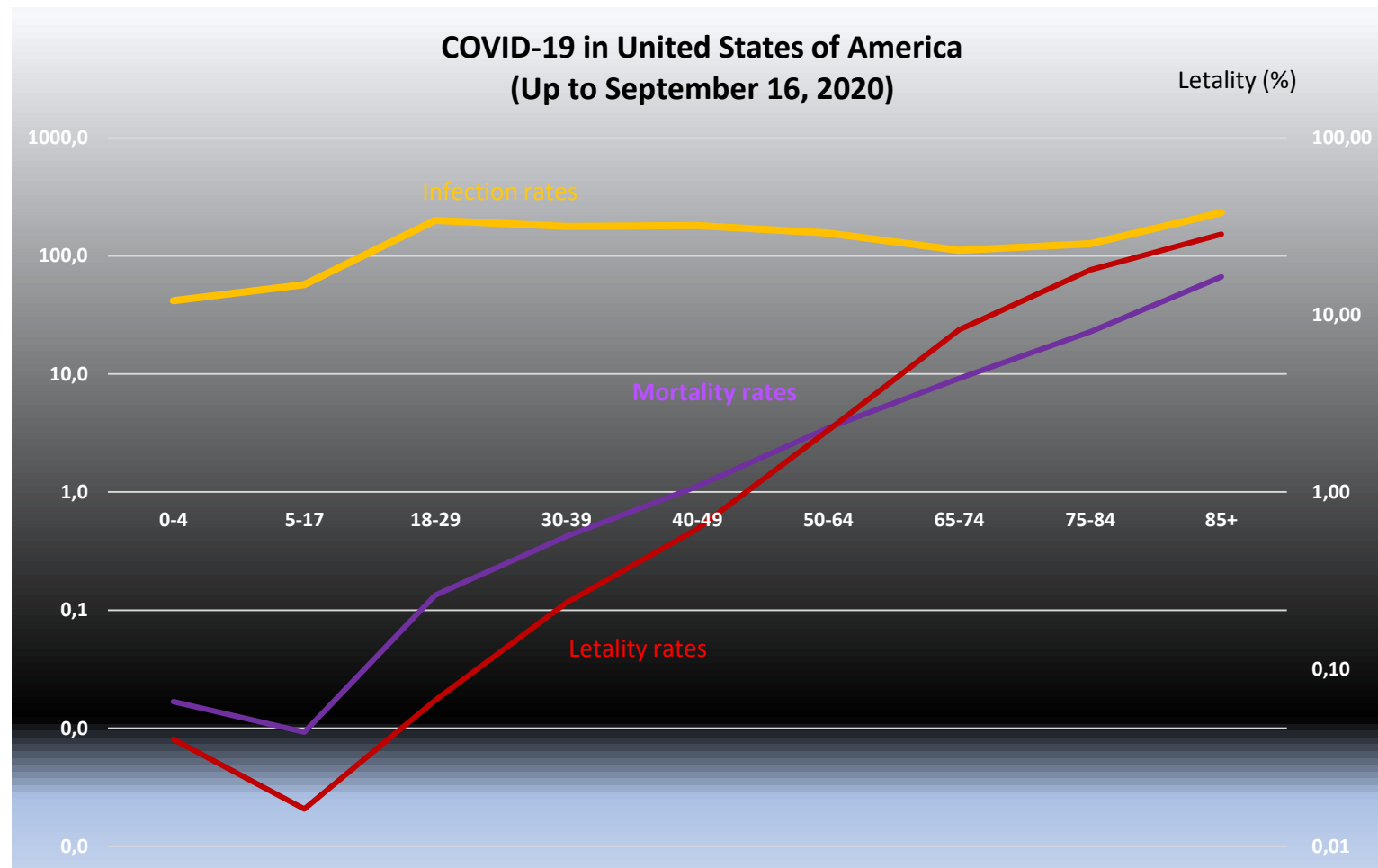
✓ High fatality rate among older people



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## FACTS:

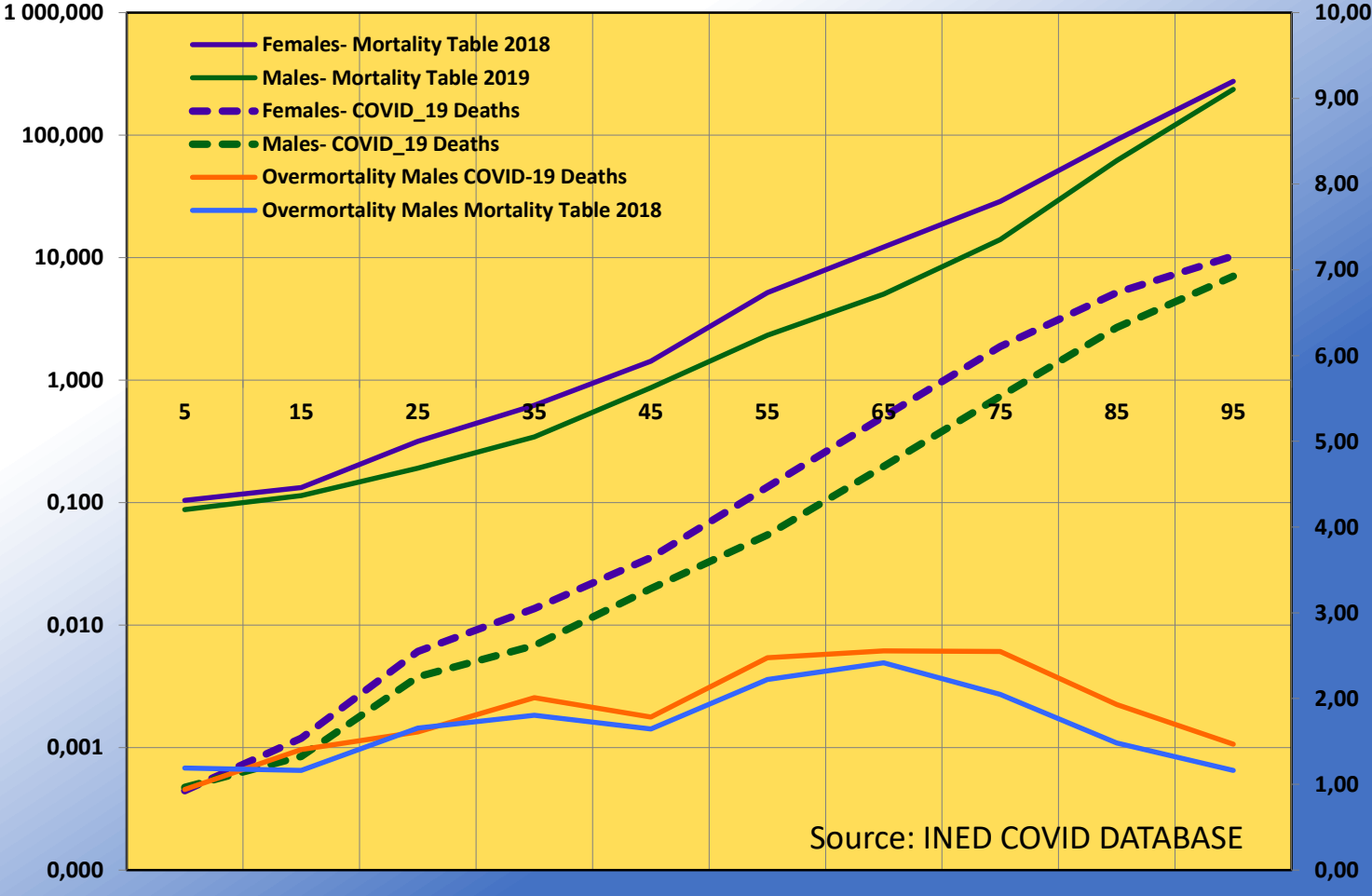
- Mortality is also higher among older people
- ... But Infection rates are not so different by age.



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**FACTS:**

- Mortality is also higher in each sex among older people and it is higher in males

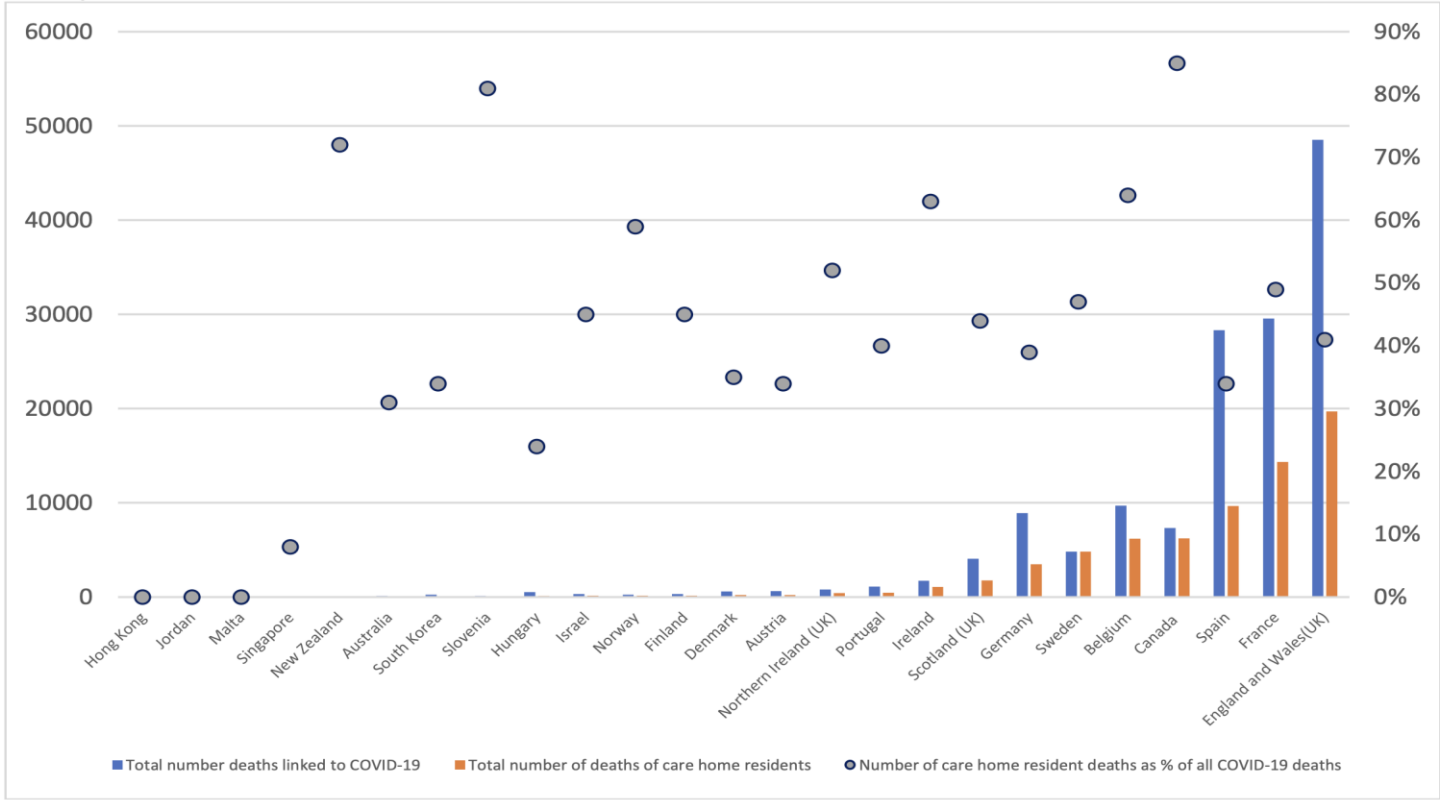


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**FACTS:**

- Higher concentration of deaths in elderly residences

**Figure 4. Total number of deaths linked to COVID-19 in the total population compared to the number of deaths among care home residents**

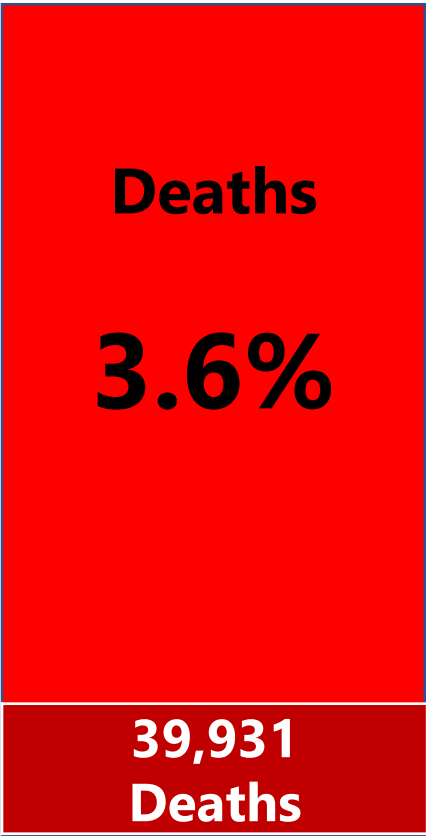
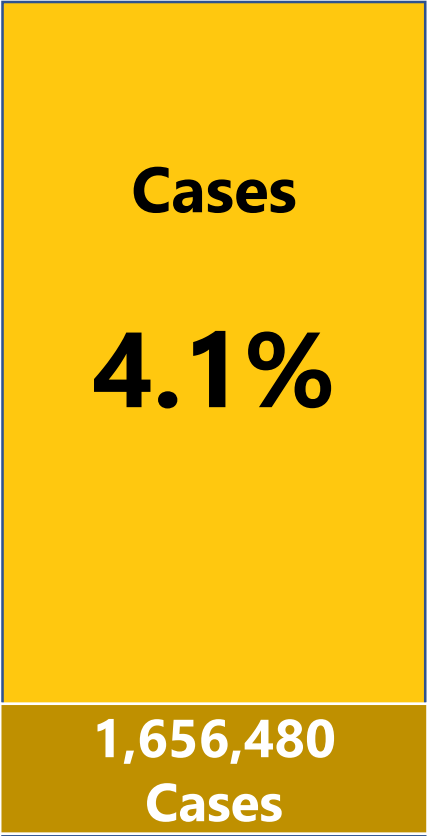
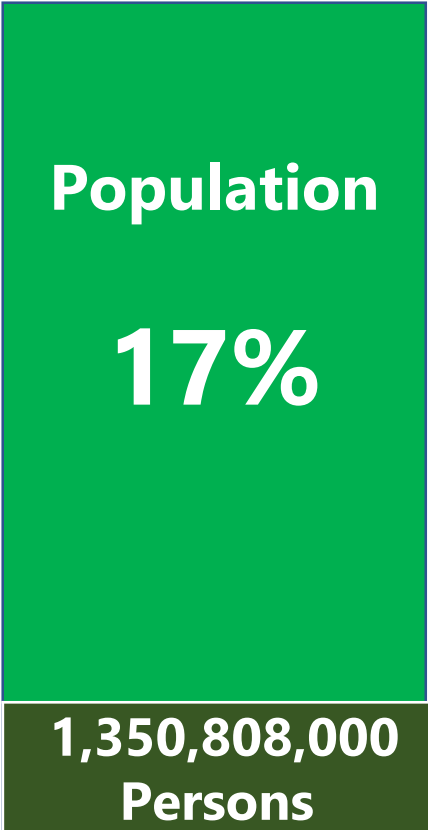


Source: <https://tccovid.org/2020/04/12/mortality-associated-with-covid-19-outbreaks-in-care-homes-early-international-evidence/>

# COVID-19: A demographic view of the Pandemics globally and in Africa

## Facts:

- Lower impact in Africa



<https://www.bbc.com/news/world-africa-54418613>



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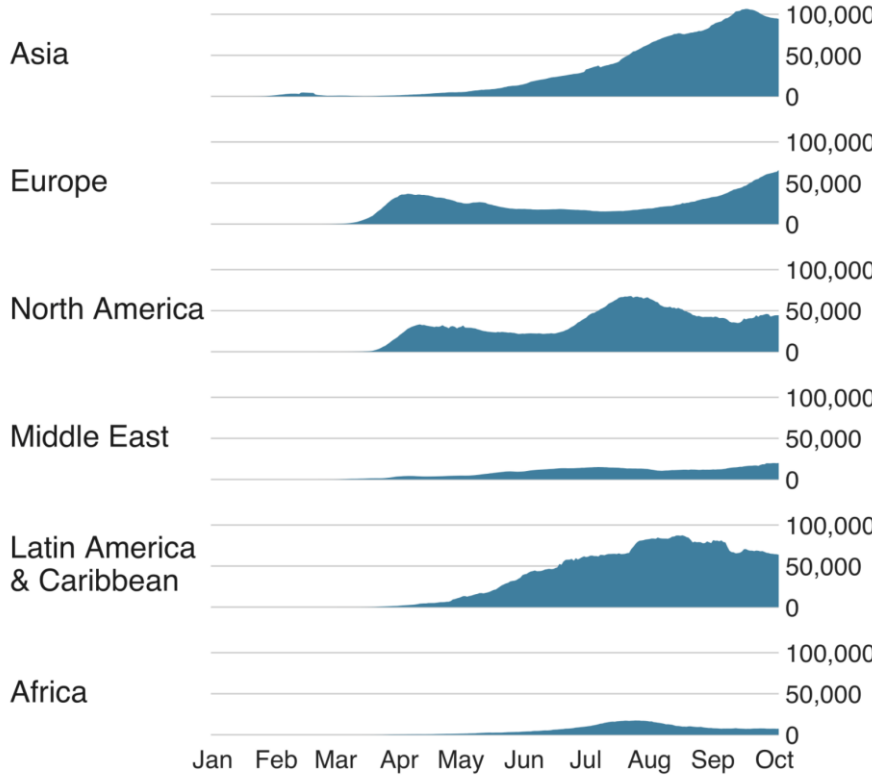
**Facts:**

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**Covid-19 cases compared by continent**

Number of cases per day, seven-day rolling average



Oceania cases excluded as too low to register on scale

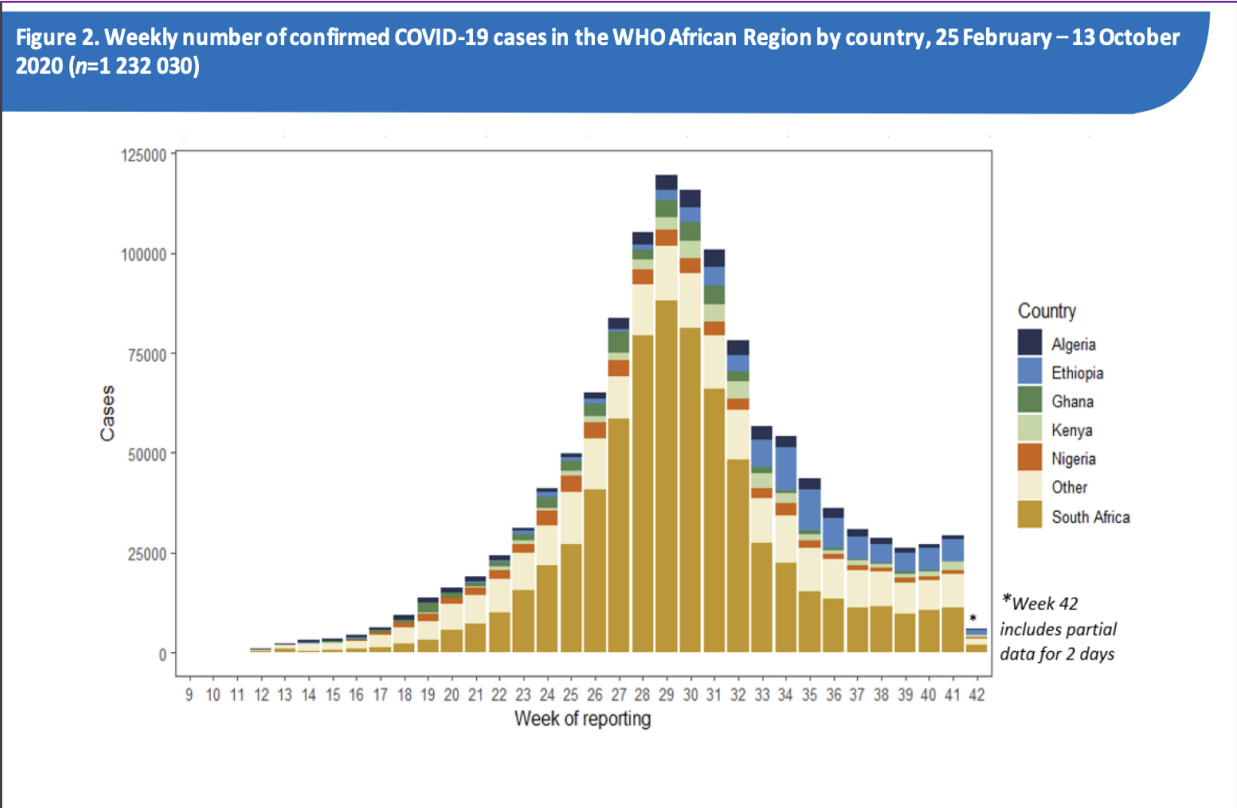
Source: ECDC and national public health agencies, data to 3 Oct  
<https://www.bbc.com/news/world-africa-54418613>



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## Facts:

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Source: WHO, 2020. COVID-19 Situation update for the WHO African Region 14 October 2020. External Situation report 33. [https://apps.who.int/iris/bitstream/handle/10665/336116/SITREP\\_COVID-19\\_WHOAFRO\\_20201014-eng.pdf](https://apps.who.int/iris/bitstream/handle/10665/336116/SITREP_COVID-19_WHOAFRO_20201014-eng.pdf)

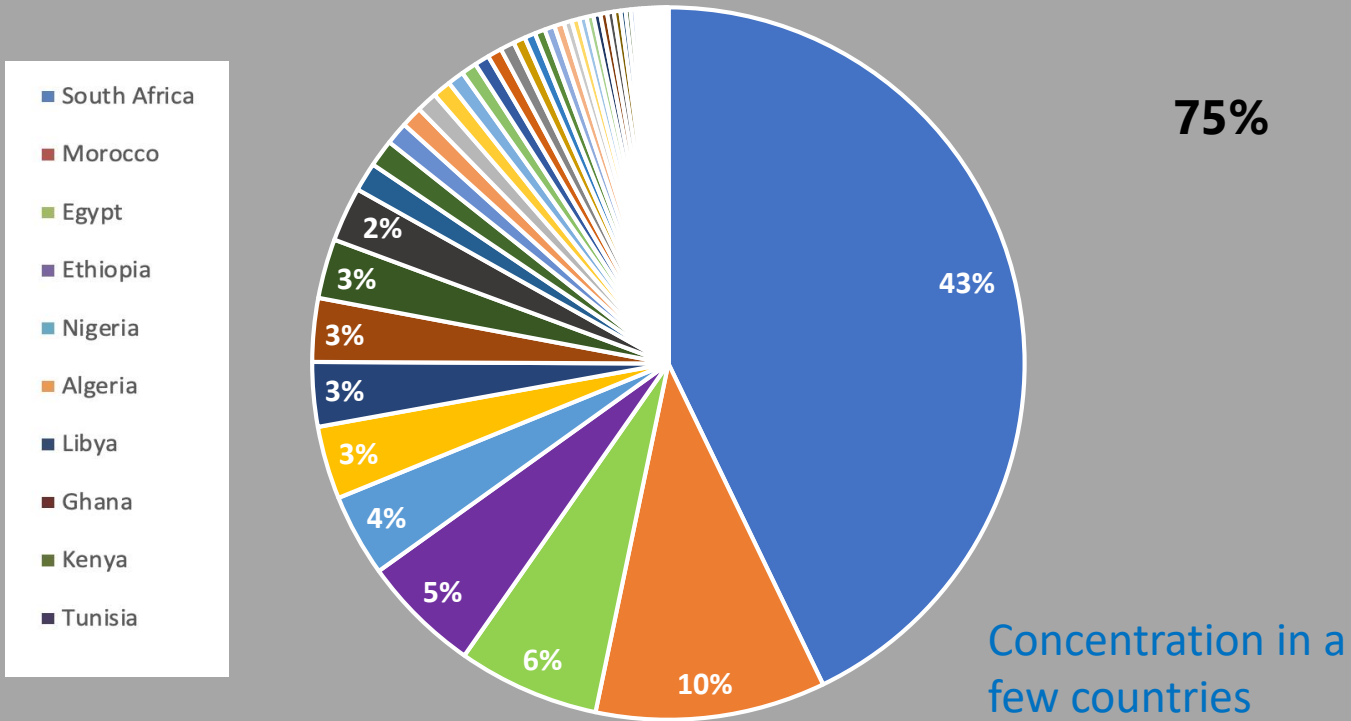
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**Facts:**

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COVID-19: Total Cases by Country



Concentration in a few countries

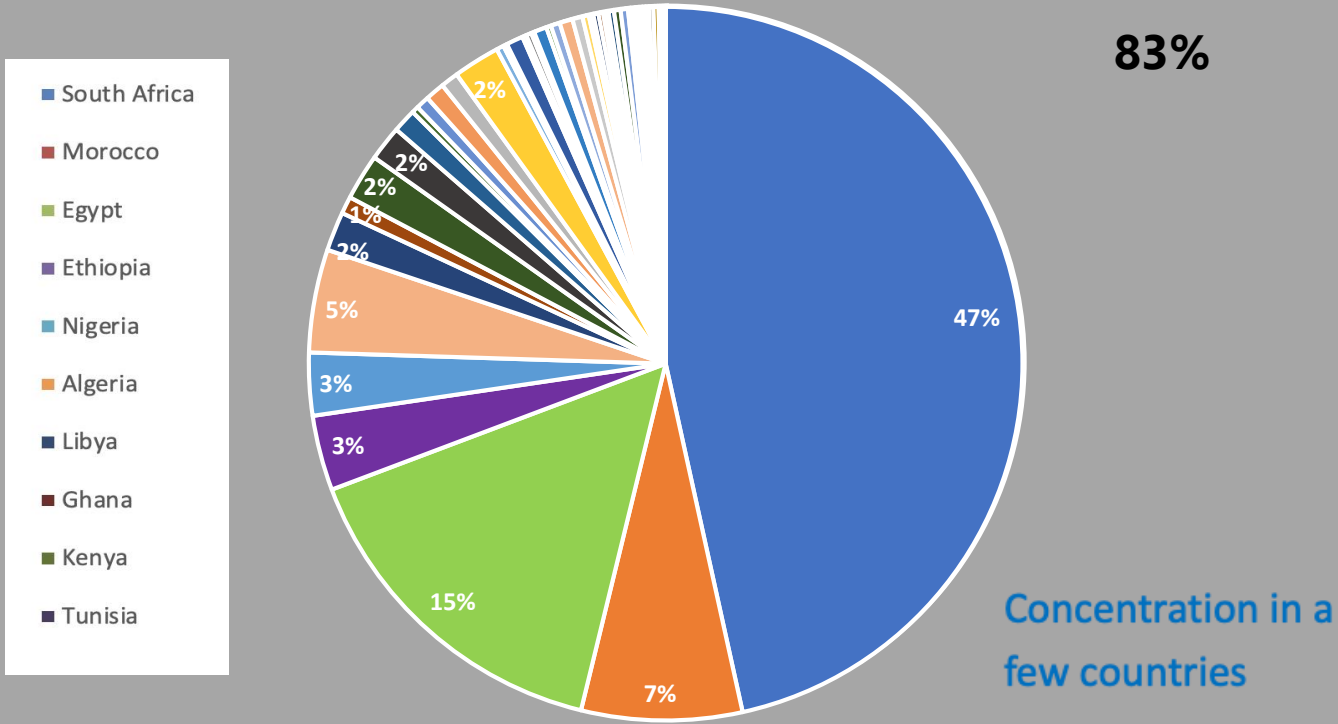
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COVID-19: Total Deaths by Country



Concentration in a few countries

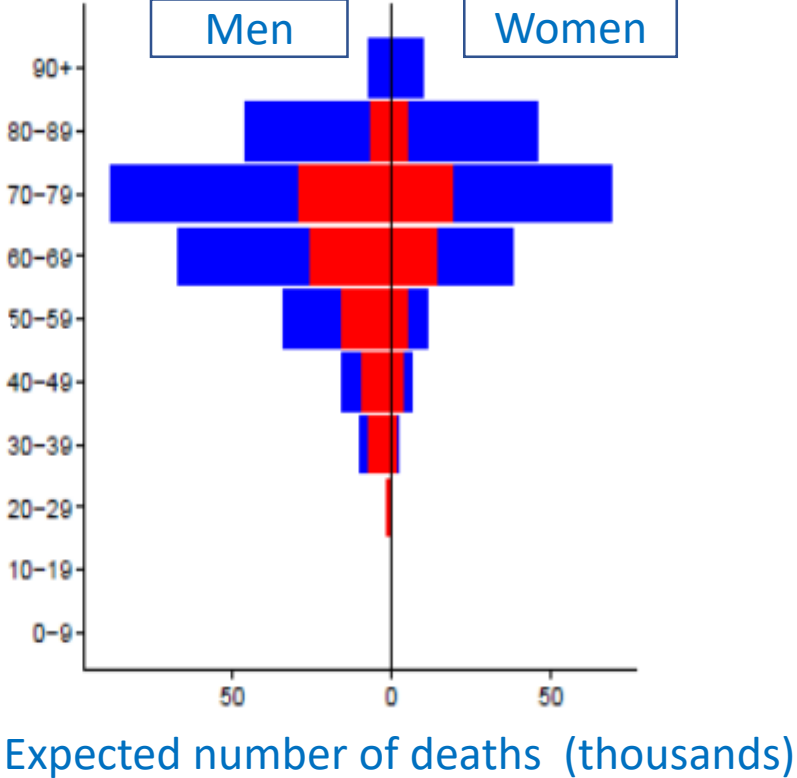
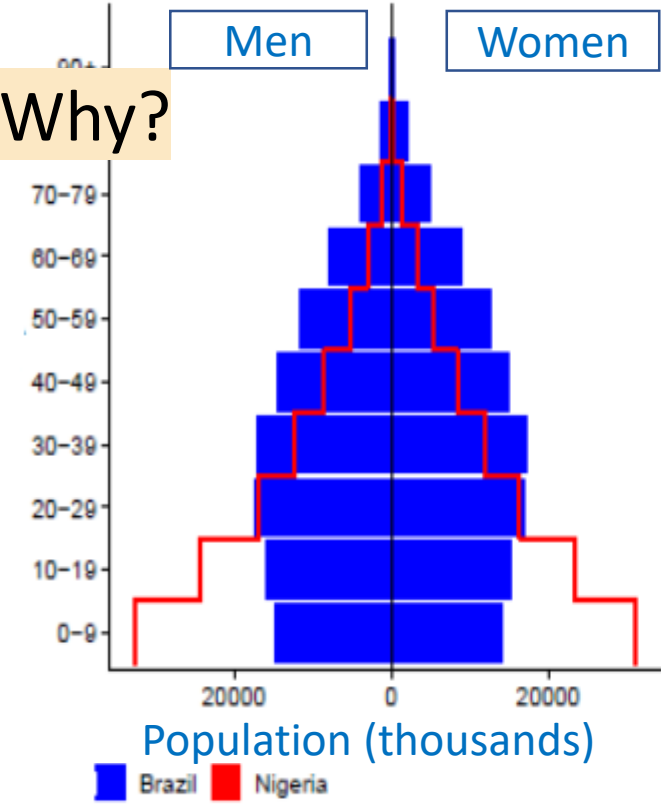


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**Facts:**

- Lower impact in Africa: Why?

**AGE COMPOSITION**

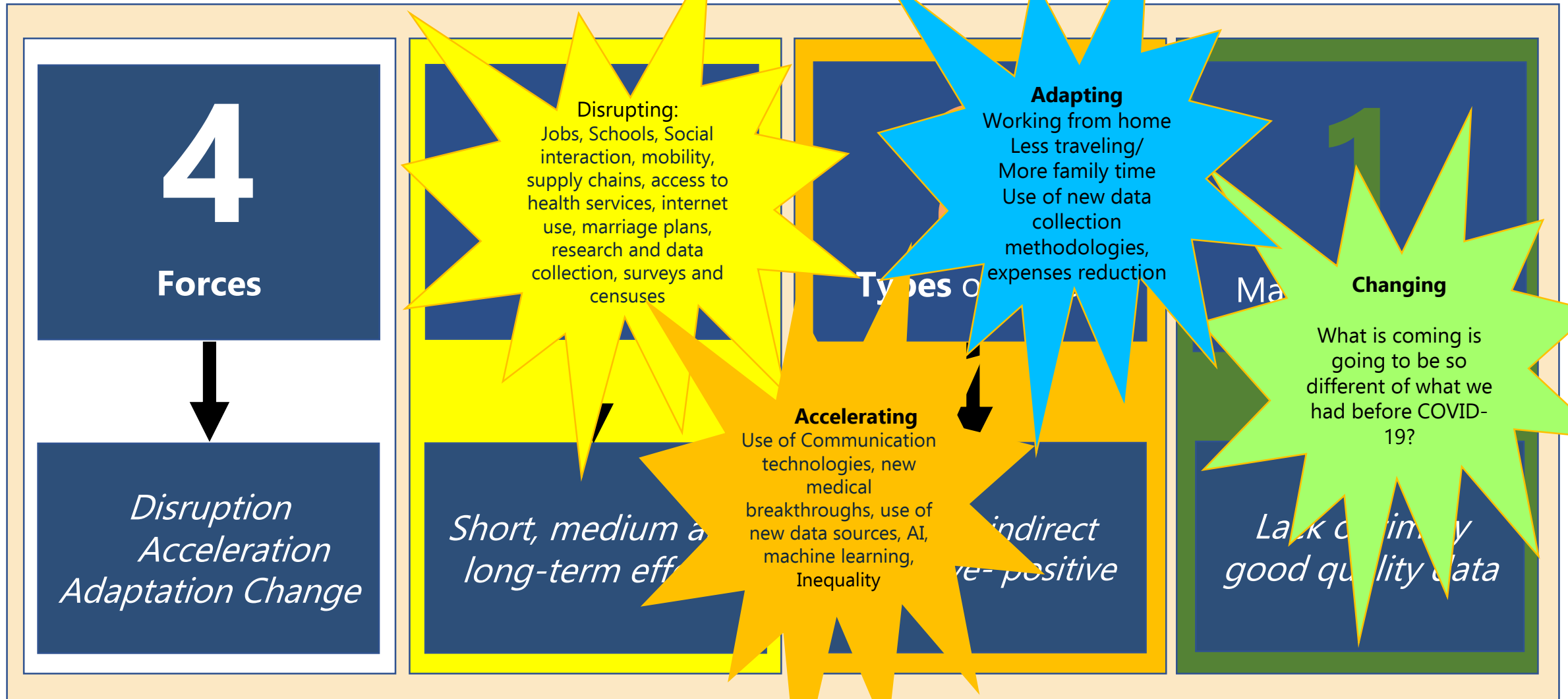


Source: <https://www.pnas.org/content/117/18/9696>

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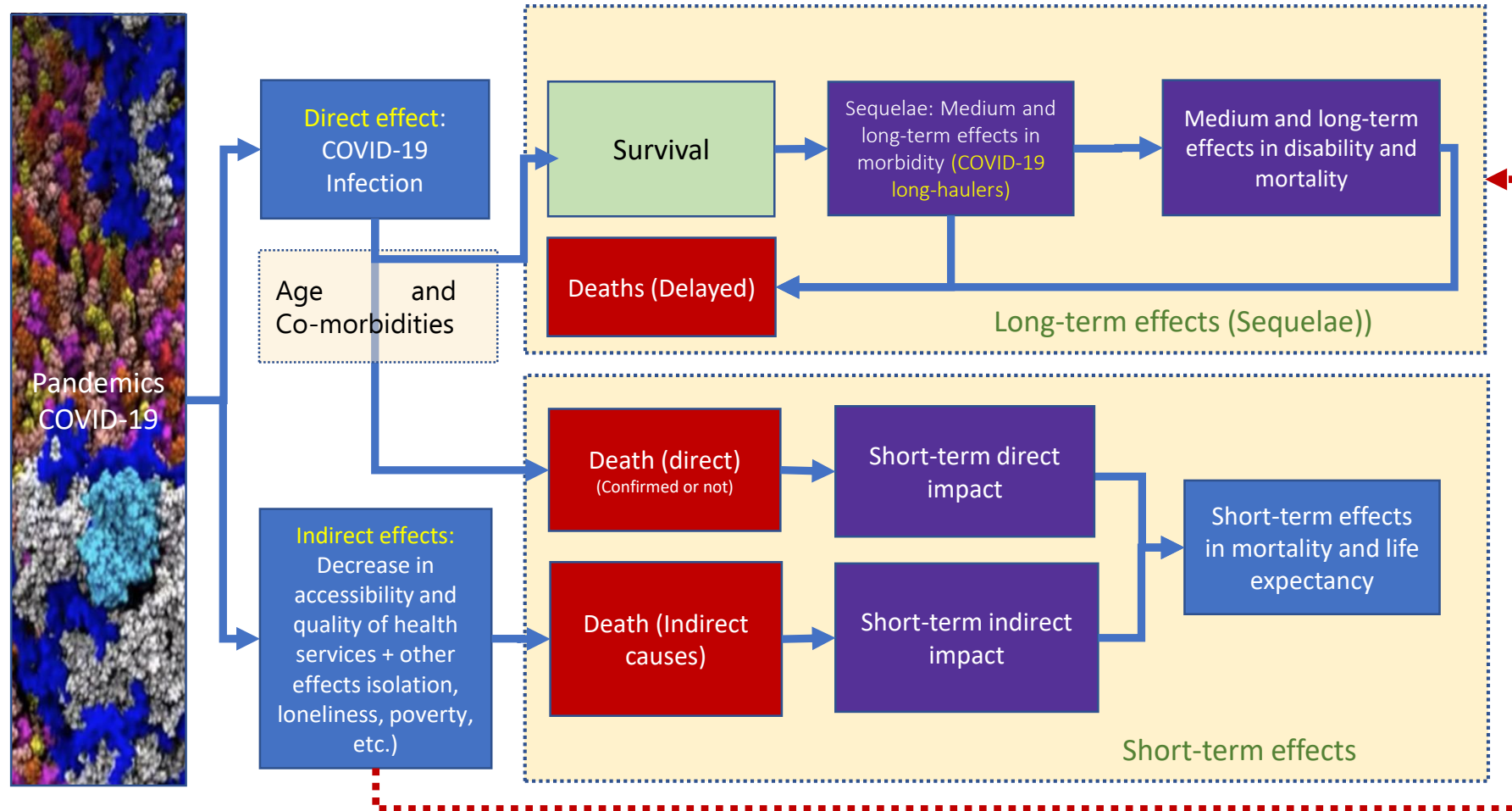
Let's talk now about the:  
**DEMOGRAPHIC IMPACTS**

# The demographic impacts of COVID-19: 4 forces, 3 timelines, 2 types, 1 major challenge

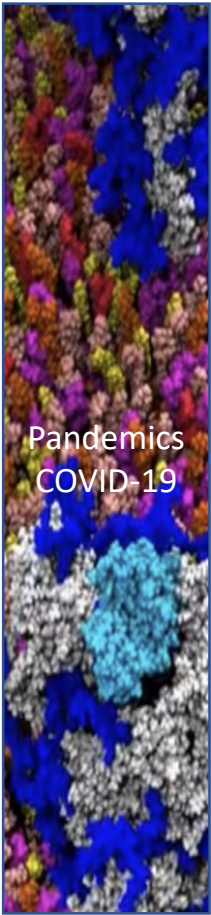




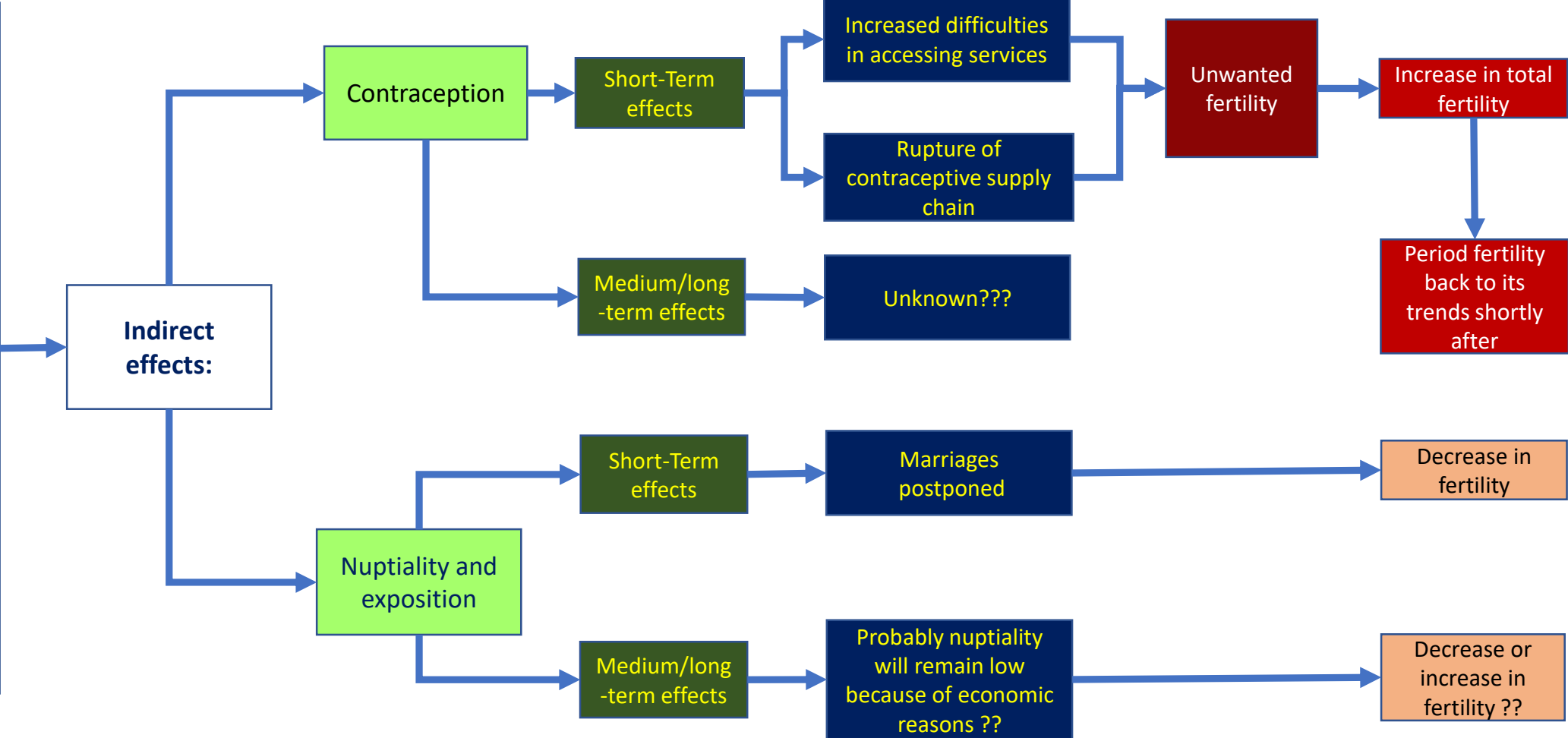
# Main COVID-19 effects in mortality and health: A summarized conceptual framework



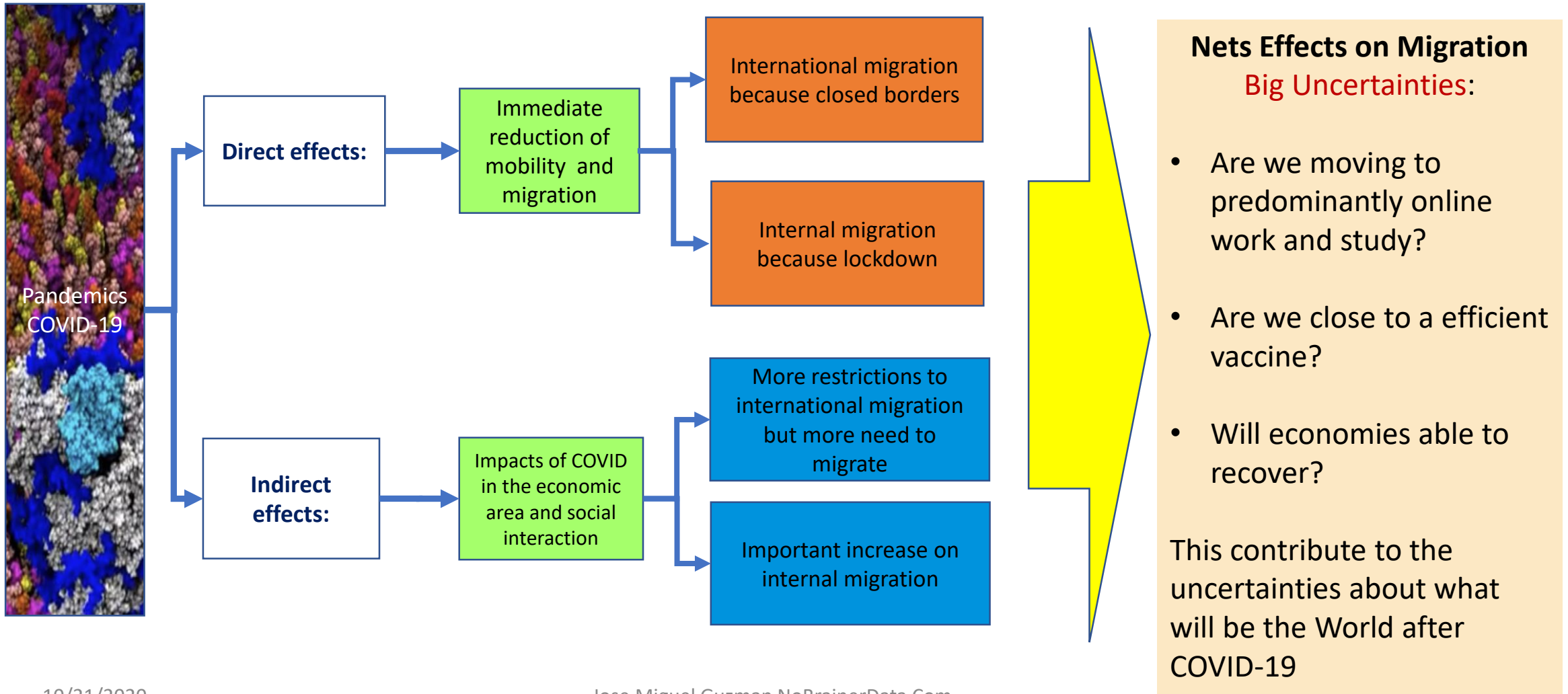
# Main COVID-19 effects in fertility : A simplified conceptual framework



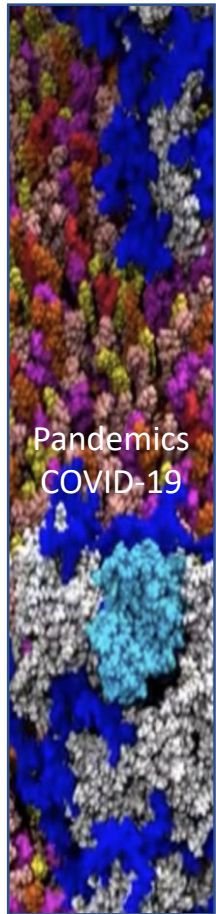
Pandemics  
COVID-19



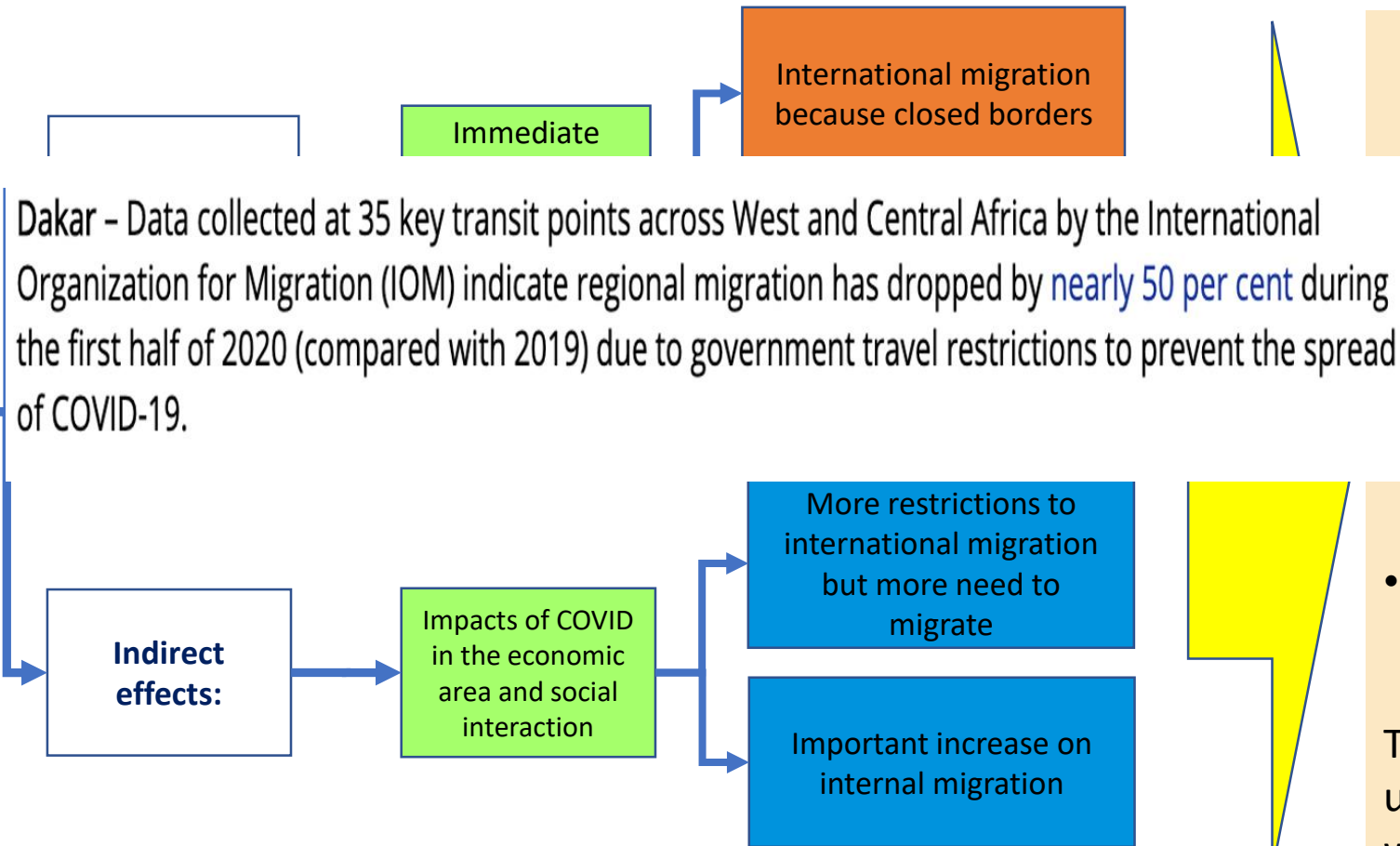
# Main COVID-19 effects on Mobility and Migration: A **very** simplified conceptual framework



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Pandemics  
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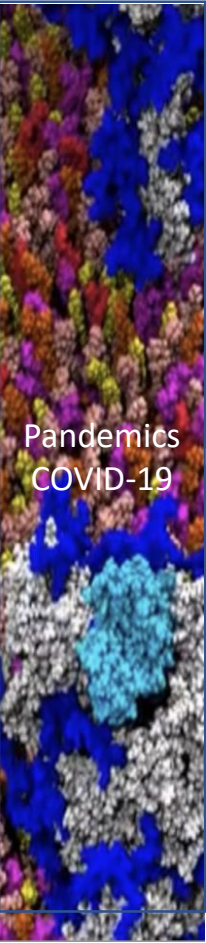


**Nets Effects on Migration**  
**Big Uncertainties:**

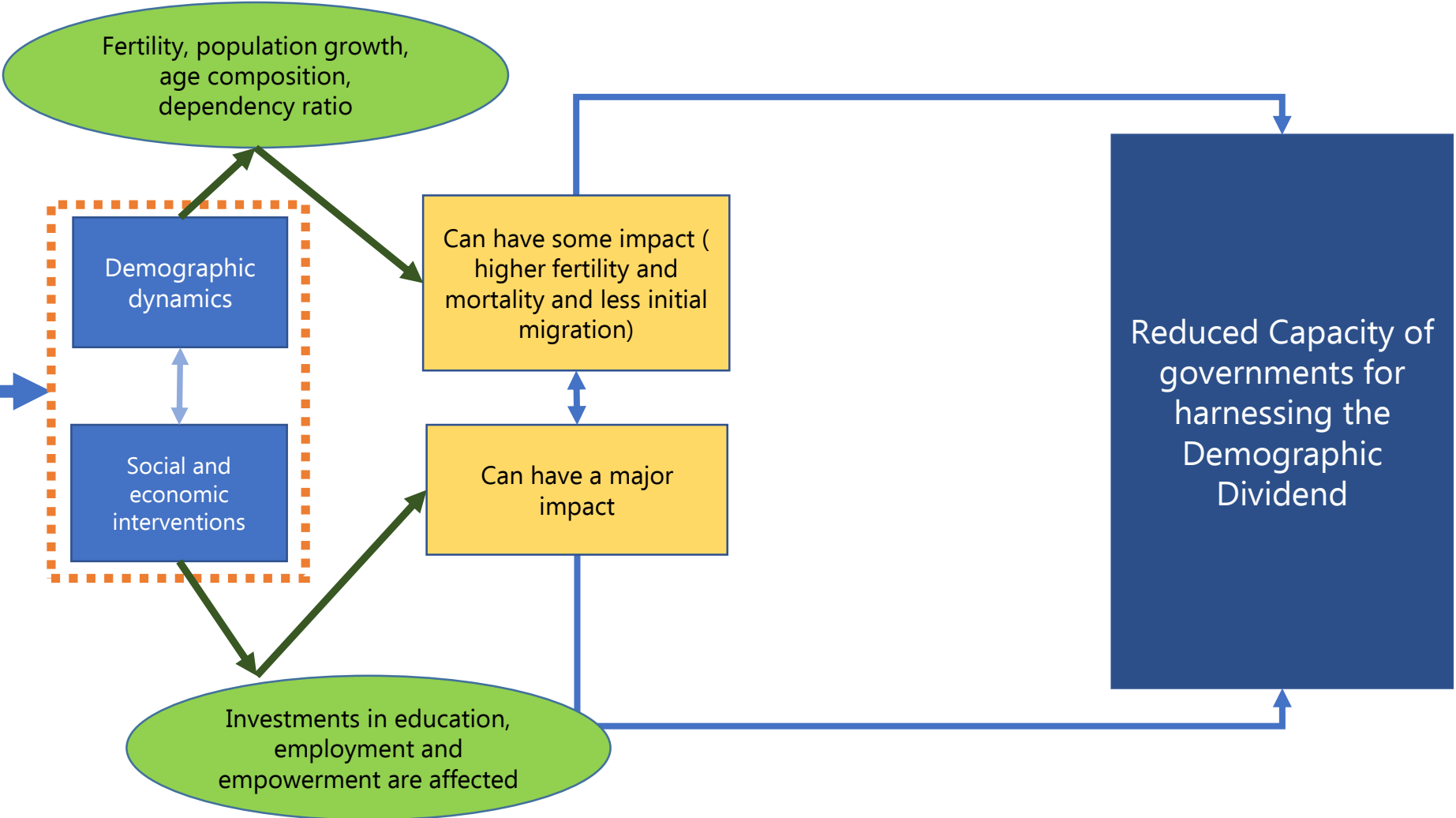
- Are we moving to predominantly online work and study?
- Are we close to an efficient vaccine?
- Will economies be able to recover?

This contribute to the uncertainties about what will be the World after COVID-19

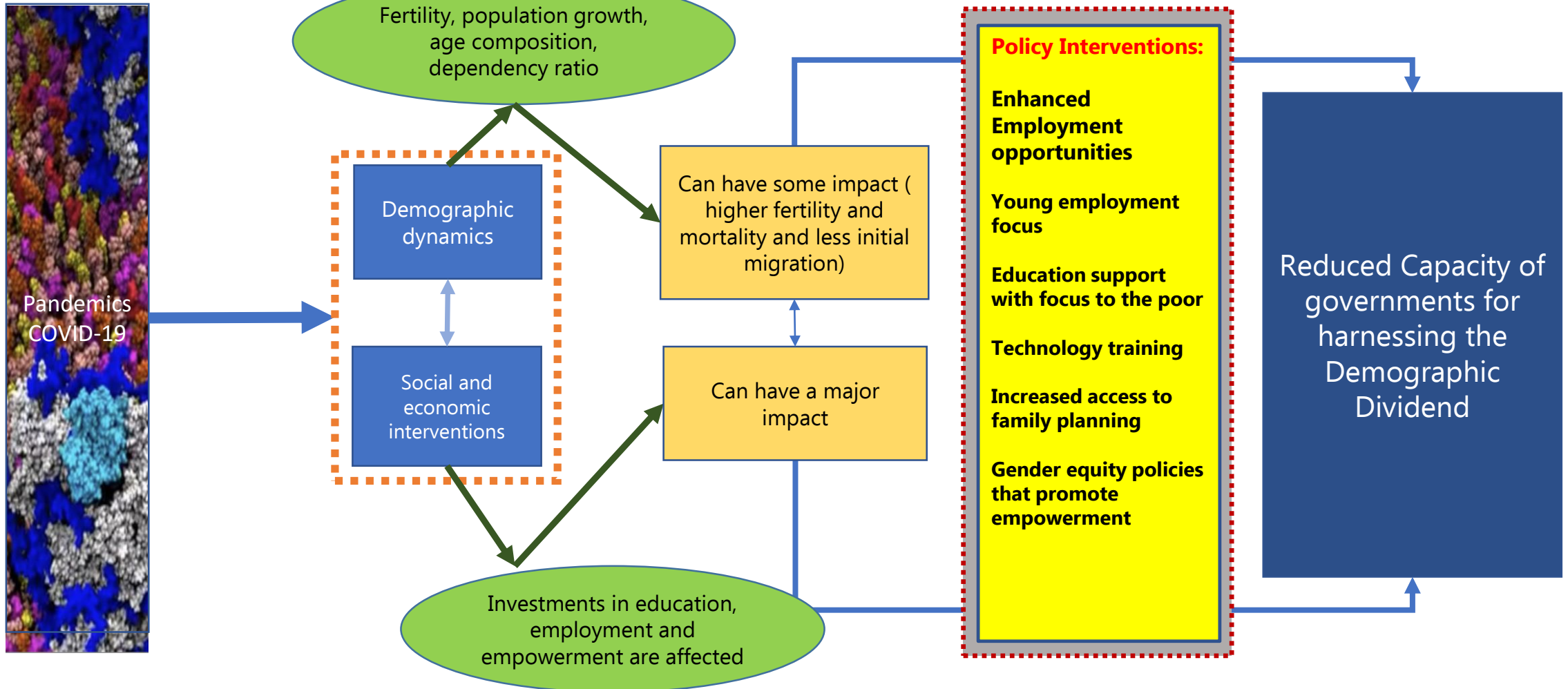
# Main COVID-19 effects in Africa Demographic Dividend: A summarized conceptual framework



Pandemics  
COVID-19



# Main COVID-19 effects in the Africa Demographic Dividend: A summarized conceptual framework





THANKS