COVID-19 in Africa
Situation, Impact, Response

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April 27, 2020
Where are we in Africa 27/04/2020?

33,566 confirmed cases

10,152 recoveries

1,469 deaths (CFR - 4.4%)

Source: Africa Centres for Disease Control and Prevention
Observed progression based on lab confirmed cases

Top 6 countries:
65% of cases, 73% of deaths

Average growth per day = 6.9%
*Based on the last 27 days of April

Source: WHO, Johns Hopkins University
Risk, Spread and tests


- Tests per million population (Germany is at 21,000 and US at 12,000)

Source: Africa Centre for Strategic Studies
AFRO: 9 tests/10,000 pop
Italy: 256 tests/10,000 pop
USA: 134 tests/10,000 pop
South Korea: 116 tests/10,000 pop

Source: WHO Afro
Global solidarity: Continent-wide strategy is critical

Africa CDC’s COVID-19 Strategy

- Preventing transmission
  - Closed borders affecting export and import trade
  - Curfew/Lockdowns affect volume of activity
  - Lost jobs/reduced salaries/closed businesses (2/3 cutting back)
  - Big procurement of tests and scaling of testing capacity
    - Domestic markets
    - PACT*: 10m in 10 weeks

- Preventing deaths
  - Huge procurements of PPEs and equipment
  - Building isolation centres
  - ‘Isolating the vulnerable’
  - Continuity of other services
  - Flattening the curve from pillar to safeguard healthcare system

- Preventing social harm
  - Lost livelihoods (social support needed)
  - Mental illness
  - Sexual and gender based violence
  - Protecting democracy
  - Preventing social unrest
  - Xenophobia
  - Stalled education

*PACT: Partnership to Accelerate COVID19 Testing – warehousing and distribution, diagnostics, 1M CHWs, forecasting models, guidelines

Source: Africa Centres for Disease Control and Prevention

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When is Africa’s curve flat enough?

- All health system building blocks sub-optimal
- Low per capita expenditure on health
  - Only 14/54 countries spend more than $100 per capita
- UHC index lowest in Africa
Lockdown the continent?

South Africa

March 27th
Economy: Despite relatively low confirmed infection rates, COVID-19 is having negative effects on African economies

**COVID-19 cases**
- Kenya: 303 confirmed cases (14 deaths)
- Nigeria: 873 confirmed cases (28 deaths)
- South Africa: 3,635 confirmed cases (65 deaths)
- Egypt: 3,659 confirmed cases (276 deaths)

**Stock market**
- NSE all share index: -17.1%
- NGSE all share index: -22.9%
- JSE Africa all share index: -17.0%
- EGX 30 index: -26.5%

**Currency exchange**
- Jan 20, 2020: USD 101.14/LCY, USD 362.50/LCY, USD 14.51/LCY, USD 15.78/LCY
- Apr 23, 2020: USD 107.15/LCY, USD 390.00/LCY, USD 19.00/LCY, USD 15.75/LCY

IMF reported that investors have removed **USD 83 billion** from emerging markets since the beginning of the crisis, the largest capital outflow ever recorded.

Source: Johns Hopkins University, Coronavirus Resource Center, African Markets; Morningstar currency tracker; 2020; IMF Press Release No 20/98
Note: (1) As of April 22, 2020 (2) Three months change as of April 20, 2020 (3) As of April 22, 2020
Our choices are difficult – Pandemic won’t wait

**Do nothing**
- Full activity
- Herd immunity (60%?)
- Risk health system collapse (No health system has demonstrated enough resilience)

**Lock down**
- How long is a lockdown?
- What’s the signal to un-lock?
- When is the curve flat enough
- Effect on other health services like cancer care
- Cost to economy (>70% economic activity reduction?)

**Vaccine expected in 12-18 months**
- Longer for Africa - Production and distribution timelines
- Testing for?
- Protecting the vulnerable (co-morbidities like cancer)
- Value of serological tests for business continuity

Githinji Gitahi
COVID19 Innovation

Drones for sample transport and community awareness

Continuity of services amidst curfew/lockdowns

Mobile based training of community health workers (Leap)

3D Printing of PPE

Government leadership; Community ownership

Hello and welcome to the Amref Health Africa Leap mLearning platform. You will receive key messages on coronavirus (Covid-19).

1/8 The messages will take you through what coronavirus is, how it is spread, its signs & symptoms & preventive measures to help you perform your role as a CHV in your community.

1/2 We have added drones to our methods of raising awareness about COVID-19.

As drones pass your neighborhoods, we ask you:
1. Listen carefully the message.
2. Don’t leave your home to view the drones.
Contact information

COVID-19 specific:
info.COVID-19@amref.org
www.amref.org/coronavirus

General contact information:
Email: info@amref.org
Website: www.amref.org
Twitter: @Amref_Worldwide
Facebook: Amref Health Africa
Thank you

www.amref.org/coronavirus
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Amref Health Africa Global Operations

- Programs and HQ in Kenya, Amref University, Amref Enterprise, Amref Flying Doctors
- Countries with programs and Amref Health Africa Offices
- Countries with programs ONLY
- Countries with fundraising offices

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Overview – Amref Health Africa

1. Leading health development international NGO in Africa

2. Headquartered in Africa since 1957

3. More than 12 million beneficiaries annually

4. Over 150 health projects in 35 countries of Africa

5. $120m annual expenditure

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