A snapshot of the COVID-19 situation in East Africa

Dr Mark Hawken
ICAP in Kenya
22 April 2020
53 Countries
23517 Confirmed
1160 Dead
Initial events in Kenya

- National Emergency Response Committee (NERC) activated

- Isolation centers established at Kenyatta National Hospital and Mbagathi Hospitals in Nairobi

- First case identified on 13th March (27 year old female traveled from US via London)

- First death on 26th March
Kenya as at April 21

13872
Tested

281
Confirmed

14
Dead

Source: Ministry of Health • Last Updated: 19/04/2020
In Kenya, from Mar 14 to 2:00am CEST, 21 April 2020, there have been 281 confirmed cases of COVID-19 with 14 deaths.

Confirmed Cases Over Time

281 confirmed cases

Source: World Health Organization
First 30 days for Kenya
Strong Government support
Mitigation measures in Kenya

School closure and public gathering ban
Aggressive contact tracing and quarantine of in-coming passengers
Air borders closed to non-citizens
Bars and restaurants closed
Closed all entry into country by air, sea & road
Isolation Centers at KNH & Mbagathi Hospitals
First confirmed case
Religious gathering ban
Prisoner visitation ban
National curfew (7pm-5am)
Masks in public order
Travel restriction to and from Nairobi County
Travel restriction to and from Kilifi, Kwale and Mombasa Counties
First reported death
<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Response</td>
<td>Emergency Response Team activated, Contact tracing teams established.</td>
</tr>
<tr>
<td>Laboratories</td>
<td>6 national labs testing rtPCR SARS-CoV-2 (capacity 35,000/day; kits available)</td>
</tr>
<tr>
<td>Quarantine Centers</td>
<td>Multiple centers established in each county (in schools, tertiary institutions) for contacts</td>
</tr>
<tr>
<td>Isolation Centers</td>
<td>Multiple centers established in each county</td>
</tr>
<tr>
<td>PPE</td>
<td>Donated by Jack Ma Foundation and others, being distributed but generally limited</td>
</tr>
<tr>
<td>Training</td>
<td>Sensitization modules developed and delivered to HCW by video-conferencing</td>
</tr>
<tr>
<td>Guidelines, SOPs</td>
<td>Guidelines and SOP developed</td>
</tr>
<tr>
<td>Economic relief</td>
<td>Tax relief for those earning &lt; $240/month, reduction PAYE from 30% to 25%, reduction VAT from 16% to 14% effective 1 April</td>
</tr>
</tbody>
</table>
In South Sudan, from April 6 to 2:00am CEST, April 20, 2020, there have been 4 confirmed cases of COVID-19 with 0 deaths.

- Emergency Operation Center formed (23rd January)
- Suspended flights from selected high risk countries (9th March)
- Air, river and road transport borders closed (March 19th)
- Schools and higher institutions closed. (March 20th)
- Social gatherings banned (March 20th)
- Complete closure of the Juba International Airport (March 24th)
- Bars, and restaurants closed (March 24th)
- Night curfew (March 25th)
In Ethiopia, from Mar 14 to 2:00am CEST, 21 April 2020, there have been 111 confirmed cases of COVID-19 with 3 deaths.

- National COVID-19 ministerial committee and a multi-sectoral technical task force established
- Social distancing promoted, contact tracing and testing
- Gatherings banned nationwide
- Schools and universities closed
- Ethiopian airlines suspended most flights
- Mandatory 14-day institutional quarantine for in-coming passengers
- Quarantine and isolation centers established in all regions
- Pardon given to thousands of prisoners
- 5-month national state of emergency declared

Confirmed Cases Over Time

111 confirmed cases
Source: World Health Organization
In Uganda, from Mar 21 to 2:00am CEST, 20 April 2020, there have been 55 confirmed cases of COVID-19 with 0 deaths.

Confirmed Cases Over Time

55 confirmed cases

Source: World Health Organization

PRESIDENTIAL GUIDELINES TO MANAGE THE SPREAD OF CORONAVIRUS
Effective 1st Apr 2020

SUSPENDED
- Movements in and out of country 32 DAYS
- Public Transport 14 DAYS
- Private Transport 14 DAYS
- Boda Boda 14 DAYS
- Taxi-Taxis 14 DAYS
- Coaches 14 DAYS
- Buses 14 DAYS
- Air Transport 32 DAYS

CLOSED
- Shopping Malls 14 DAYS
- Arcades 14 DAYS
- Hardware stores 14 DAYS
- Lodges 14 DAYS
- Salons 14 DAYS
- Non-Food stores 14 DAYS
- Garages 14 DAYS

ALLOWED (WITH PRECAUTION)
- Food markets - 4 metres circumferential distance, workers must stay at camp
- Supermarkets - Regulate numbers that come and leave
- Construction sites - workers must stay at camp
- Factories - workers must camp
- Pharmacies
- Vet shops
- Agro stores
- Banks
- Judiciary
- Media houses
- Private security companies
- Garbage collection services

BUSINESS
- URA shall not close businesses on account of not paying taxes in these 14 days.
- Cargo transport must continue
- No disconnection of WATER and ELECTRICITY during this time.
- No selling properties due to non loan payment

GOVT WORKERS
- Stay Home
- Ministry of the Police, the Health workers, the Electricity, Water and Telephones are allowed
- People in barracks should not get out.

CURFEW
7:00pm - 6:30am

SECURITY & HEALTH
- The vehicles of the Army, Police, ambulances, utilities' vehicles, Priests, UWA, etc. will continue to move on orders of the competent authorities
- Government cars to help deliver people to hospitals
In the United Republic of Tanzania, from 17 March to 2:00am CEST, 21 April 2020, there have been 255 confirmed cases of COVID-19 with 10 deaths.

- **First case**: 46-year-old Tanzanian from Belgium confirmed (16th March)
- **Schools closed and sports and other gatherings banned** (17th March)
- **Social distancing**
- **Mandatory institutional quarantine for incoming passengers** (23rd March)
- **Masks in public**
- **Bars, restaurants, shops, bus stations, markets, churches/mosques open**
Comparison of the first 30-day trajectory
Comparison of trajectory of South Africa and Kenya
Support for Jaramogi Teaching and Referral Hospital in Kisumu

- Assisted established triage center
- Designed and printed management SOP and algorithms
- Designed and printed ME tools and registers
- Provided PPE, sanitizer
- Equipping isolation unit with Dr Bing Zhao fund
Vulnerable populations

- Street children
- Persons with psychiatric illness
- Persons who inject drugs
- Those in elderly care home/hospices
- Those living below the poverty line
In summary

• Kenya and neighbouring countries are at an early stage of the pandemic

• Community transmission is occurring

• Mitigation measures have been put in place within the context of the political and socioeconomic environment

• Mitigation measures are severely impacted by poverty and high-density informal sector housing

• Test kits, PPE and specialised care are likely to be in short supply as the pandemic progresses