

Session 1: Opening

Impact of COVID-19 on HIV, Tuberculosis, and Malaria Epidemiology and Treatment Services Across Africa

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Ethiopia





INTEREST 2020 CONFERENCE

Impact of COVID-19 on HIV, TB, and malaria epidemiology and treatment services in Africa

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Director

Africa Centres for Disease Control and Prevention

ADDIS ABABA, ETHIOPIA

NOVEMBER 2020

OVERVIEW

01 **Epidemiological update in Africa**

02 **Africa CDC's response to COVID-19 pandemic**

03 **Leadership strategies and challenges**

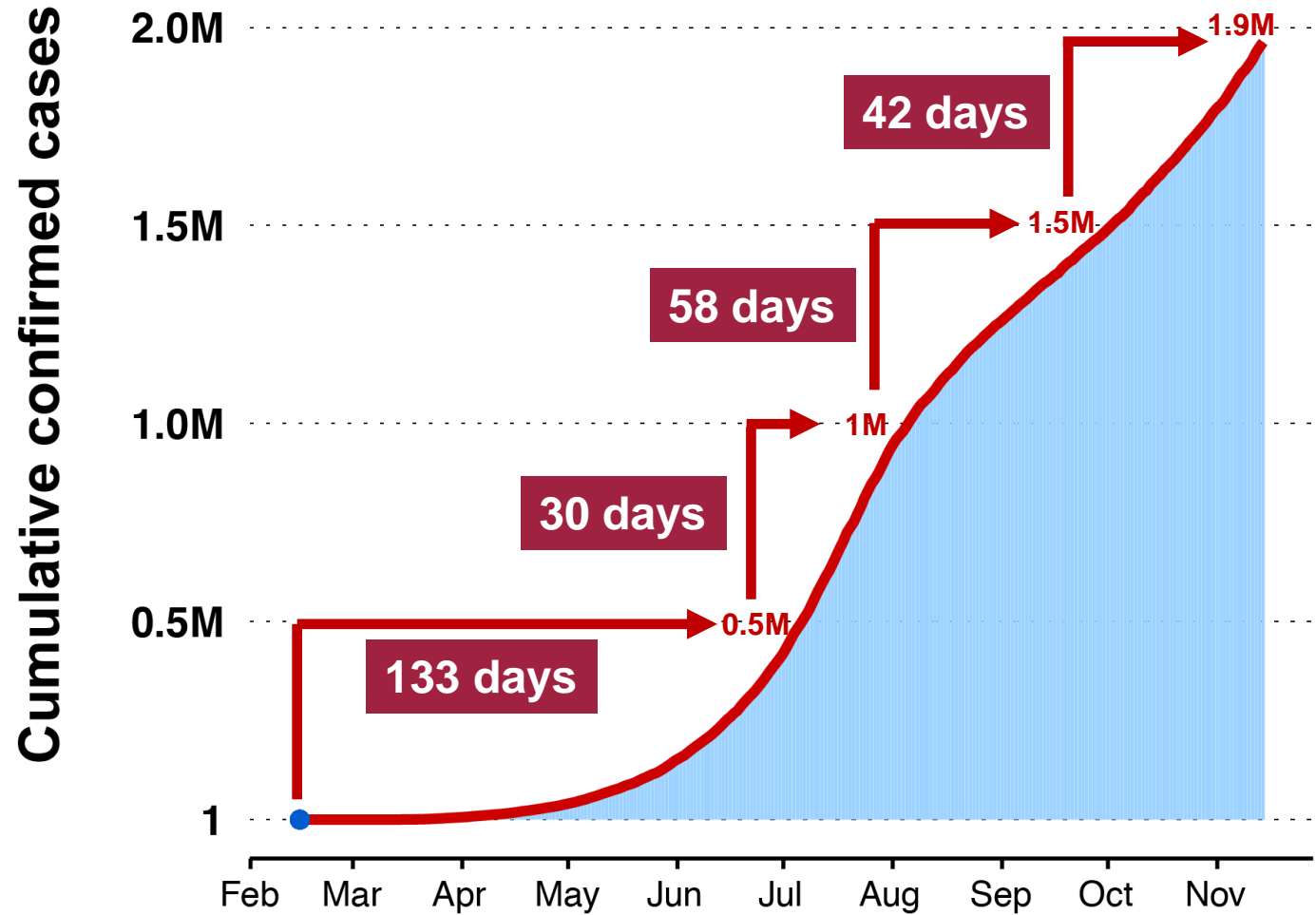
EPIDEMIOLOGICAL UPDATE IN AFRICA | TRENDS

as of 24 November 2020, 9:00 AM EAT

>2M
cases

>1.7M
recoveries
(85%)

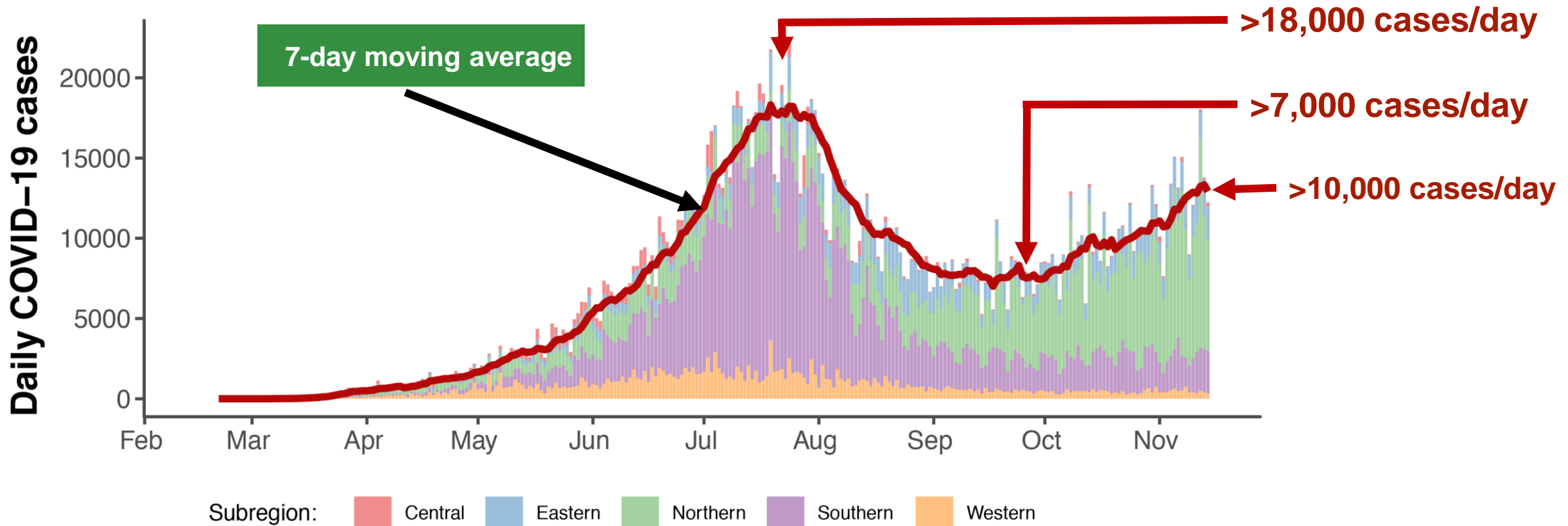
>49K
deaths
CFR: 2.4%



EPIDEMIOLOGICAL UPDATE IN AFRICA | TRENDS

as of 24 November 2020, 9:00 AM EAT

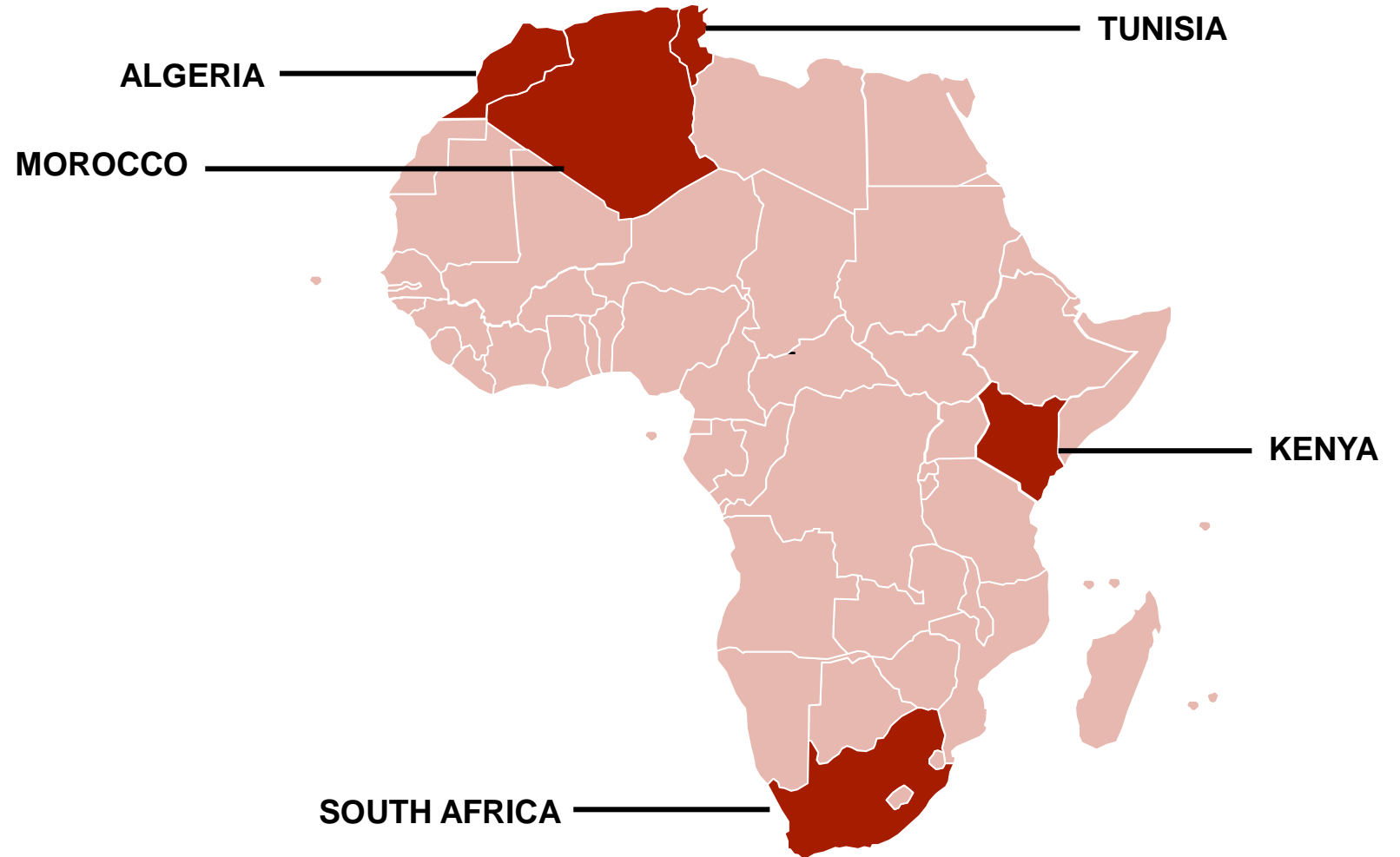
New COVID-19 cases reported in Africa daily by AU Region
15 February – 24 November 2020



EPIDEMIOLOGICAL UPDATE IN AFRICA | TRENDS

as of 16 November 2020, 9:00 AM EAT

Countries contributing to **more than 70%** of new reported COVID-19 cases in Africa



NEW COVID-19 CASES REPORTED BY AU MEMBER STATE

Per one (1) million population, per day

Epidemiological Week 47: 16 - 22 November 2020

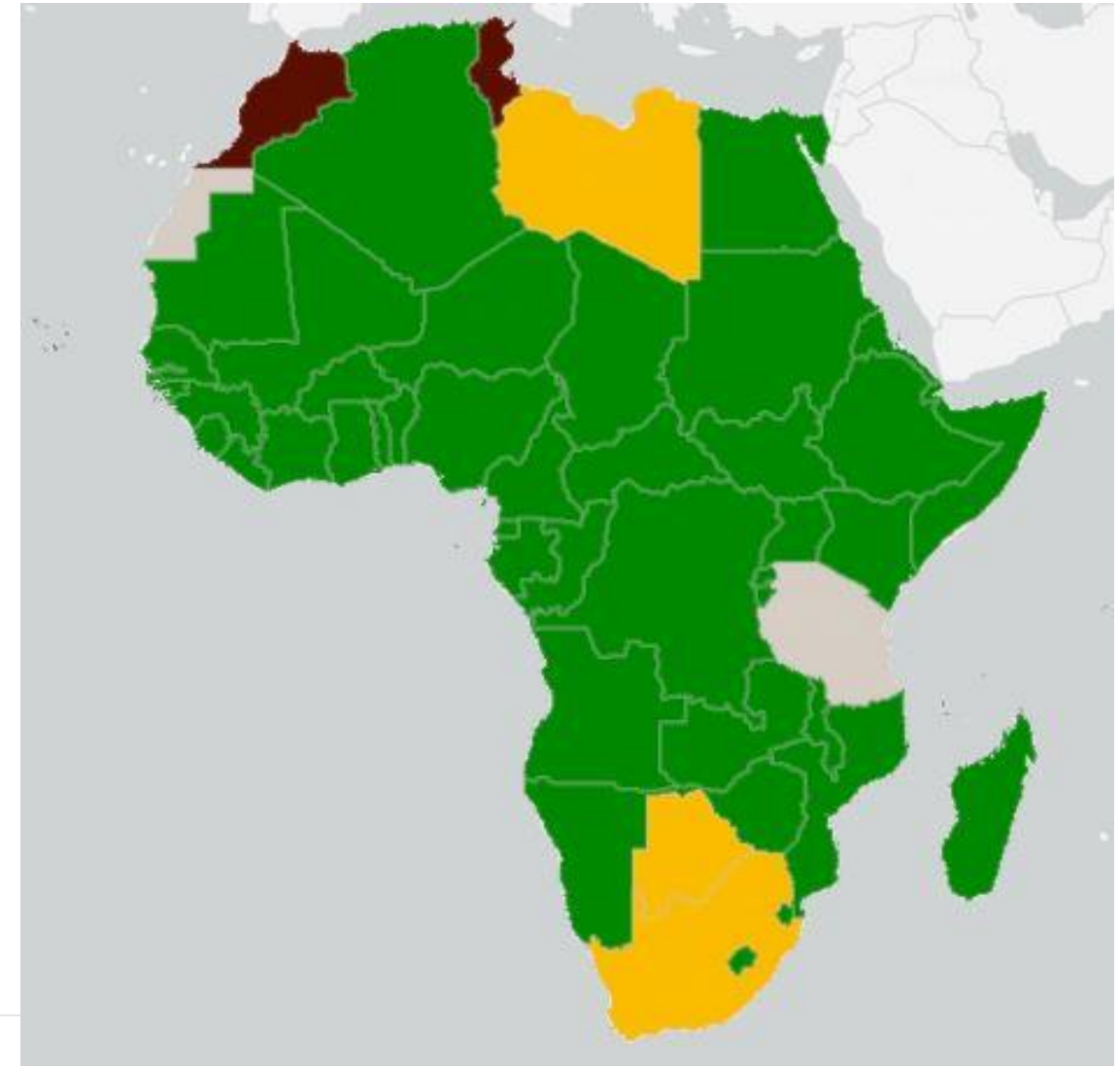
47
countries
< 40 cases /1M/day

3
countries
40-80 cases /1M

0
countries
80-100 cases /1M

3
countries
>100 cases /1M

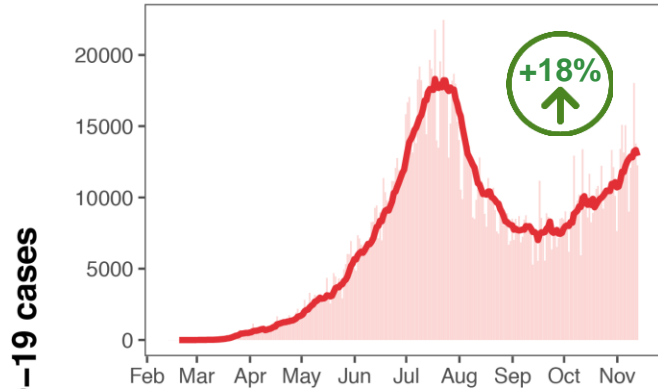
2
countries
no information



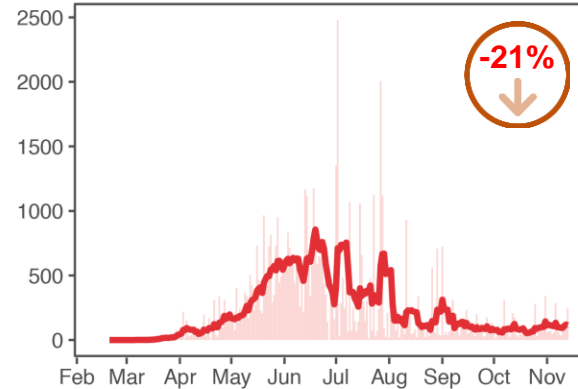
TRENDS IN COVID-19 CASES BY AFRICAN UNION REGIONS

Avg. % change in new cases over 14 days: 01 Nov – 15 Nov 2020

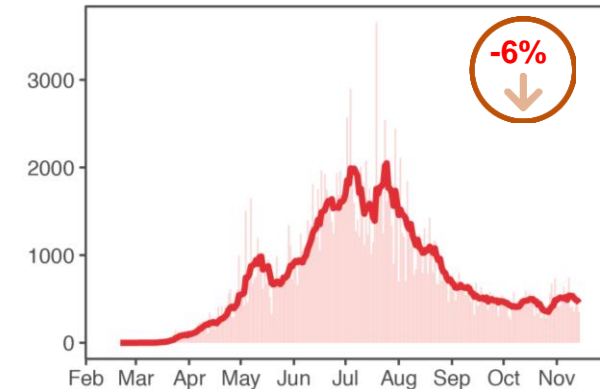
Africa Overall



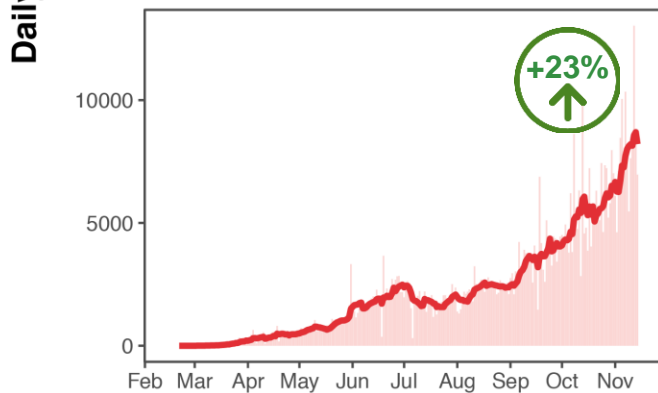
Central Africa



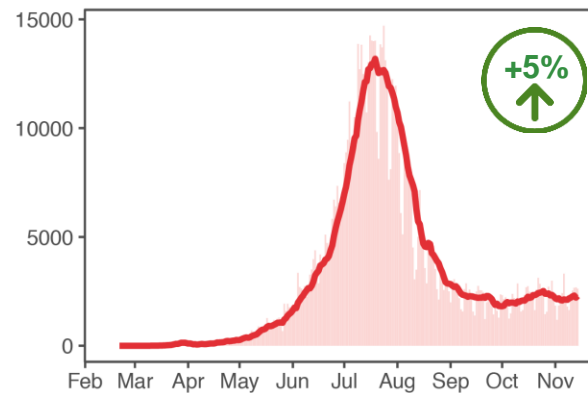
Western Africa



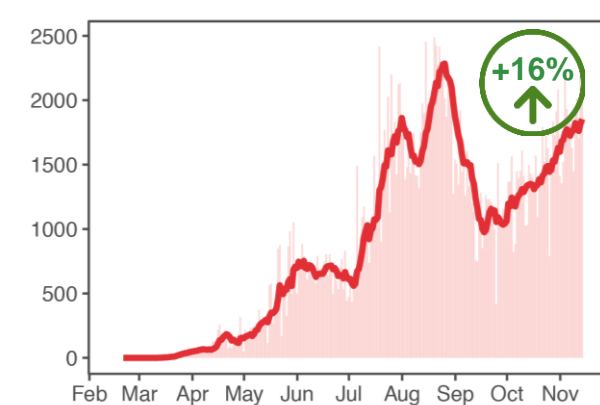
Northern Africa



Southern Africa

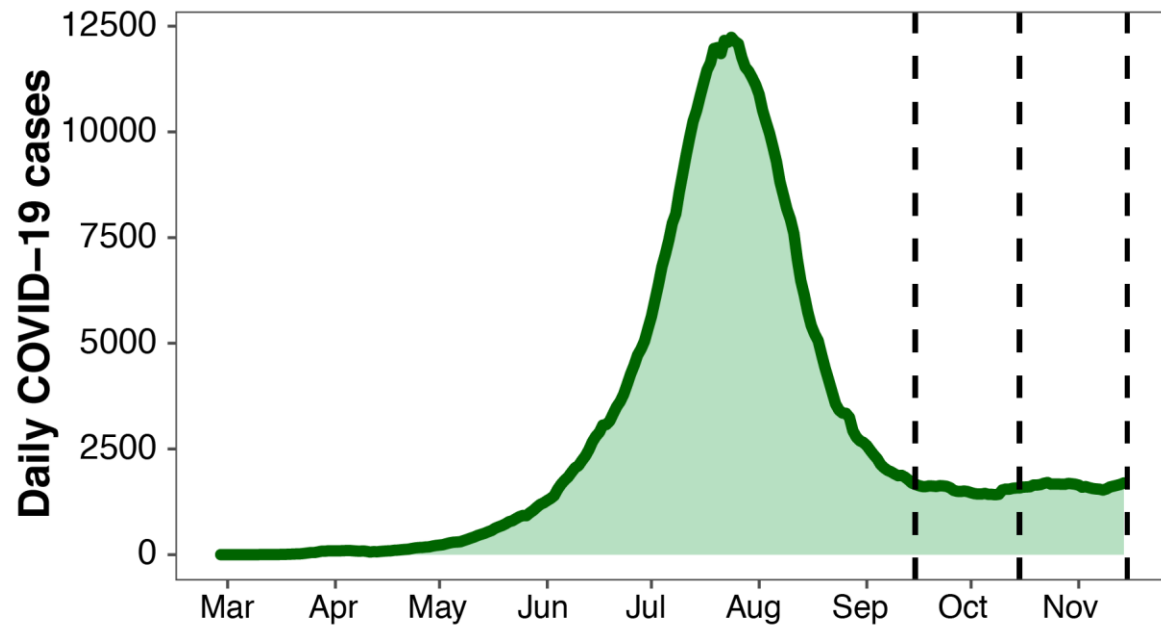


Eastern Africa

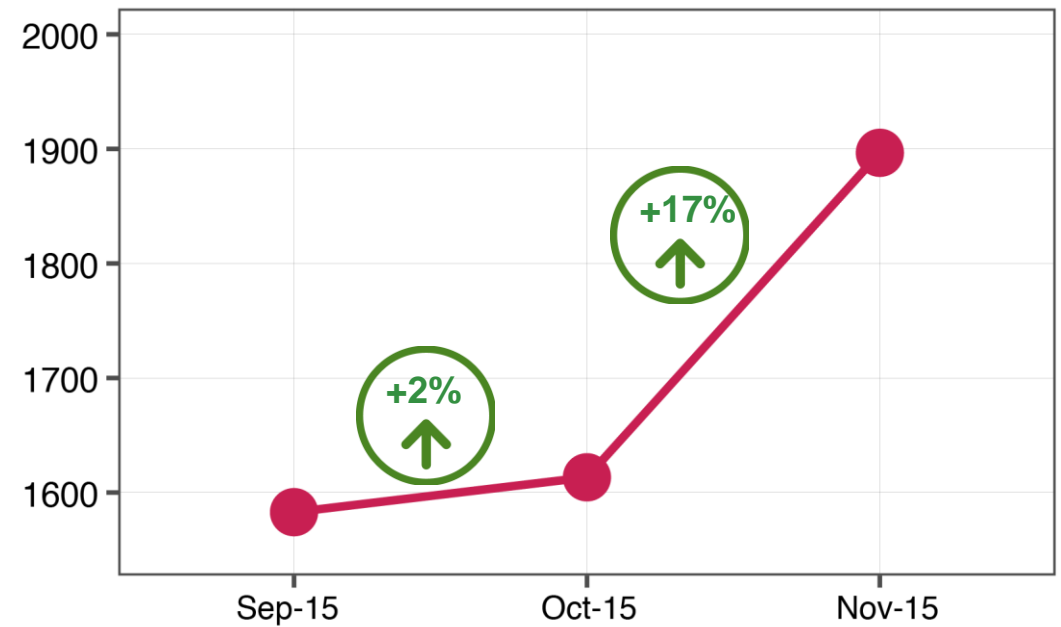


COVID-19 CASES | CASE STUDY

South Africa: COVID-19 cases

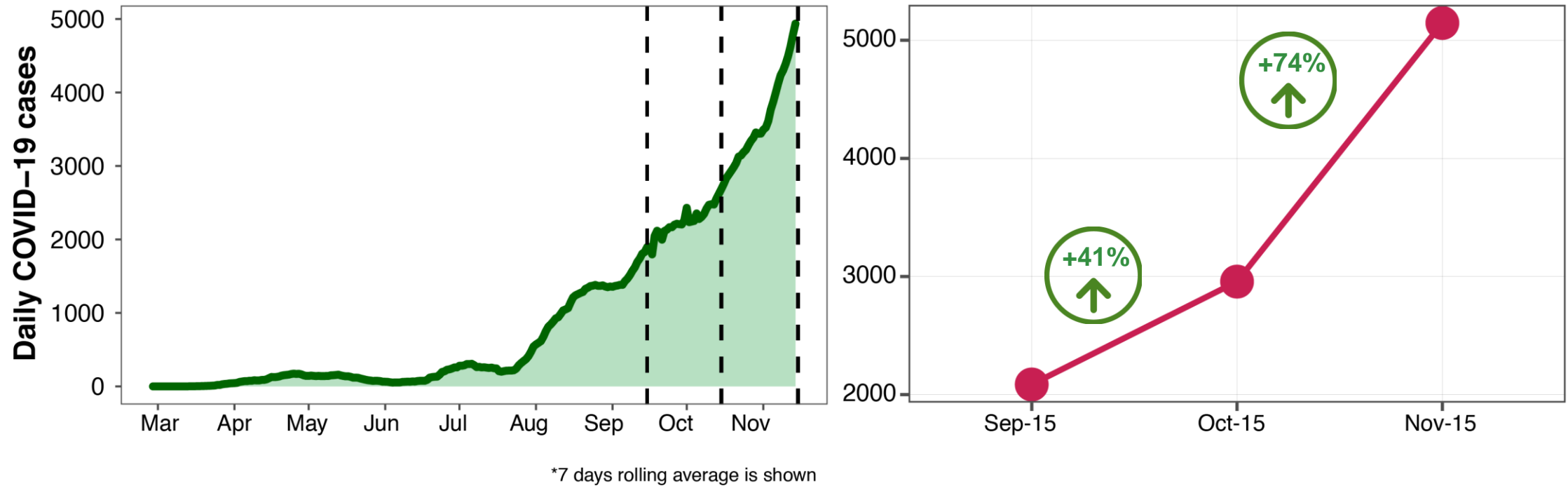


*7 days rolling average is shown



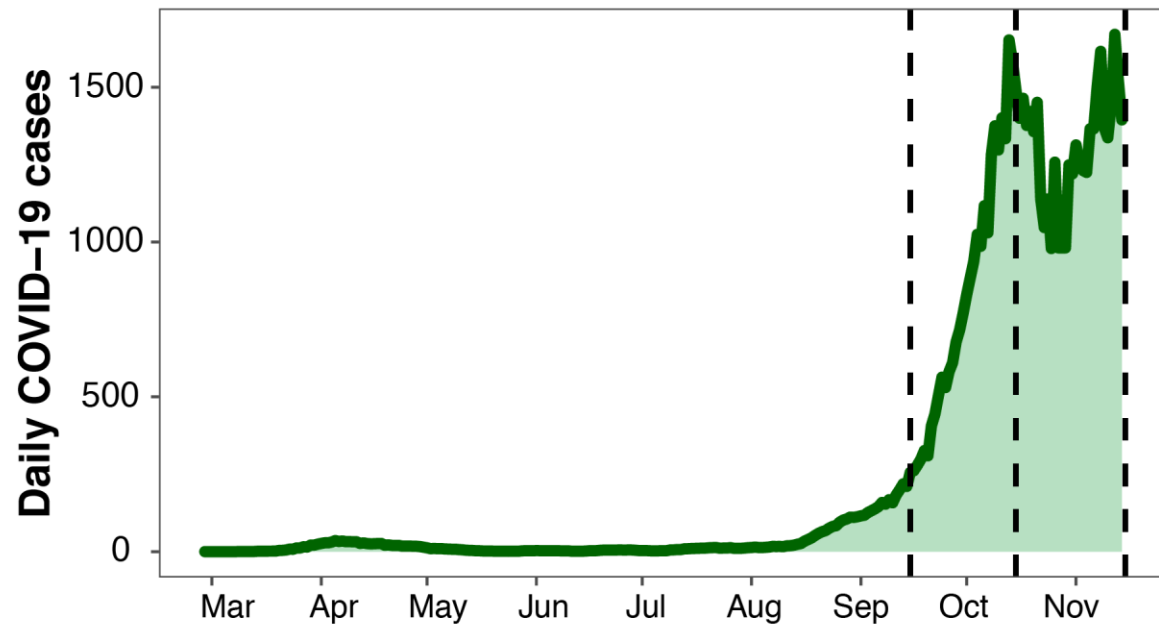
COVID-19 CASES | CASE STUDY

Morocco: COVID-19 cases

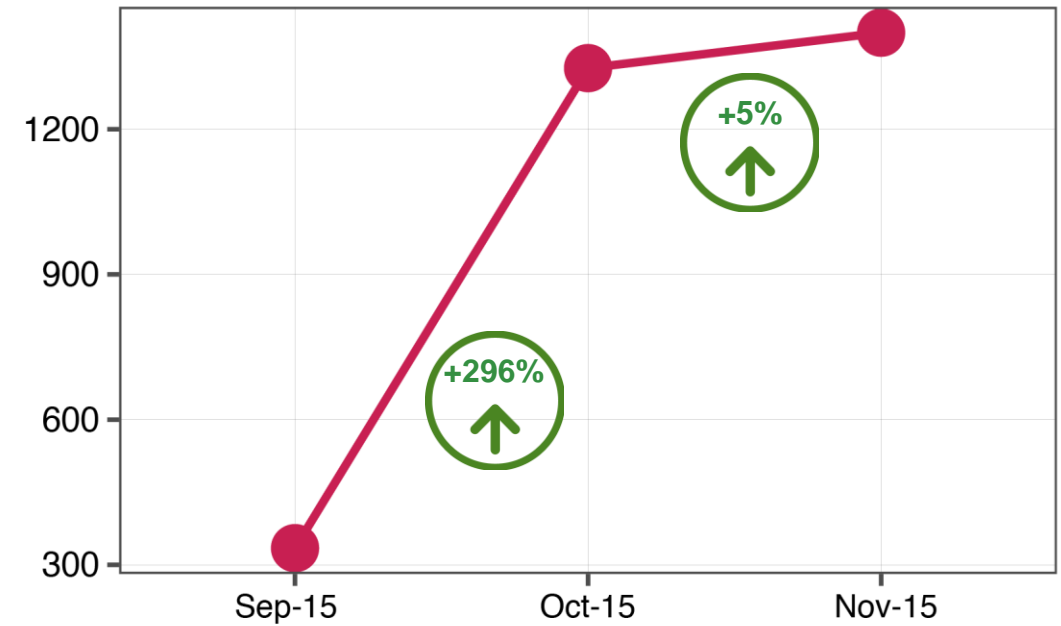


COVID-19 CASES | CASE STUDY

Tunisia: COVID-19 cases

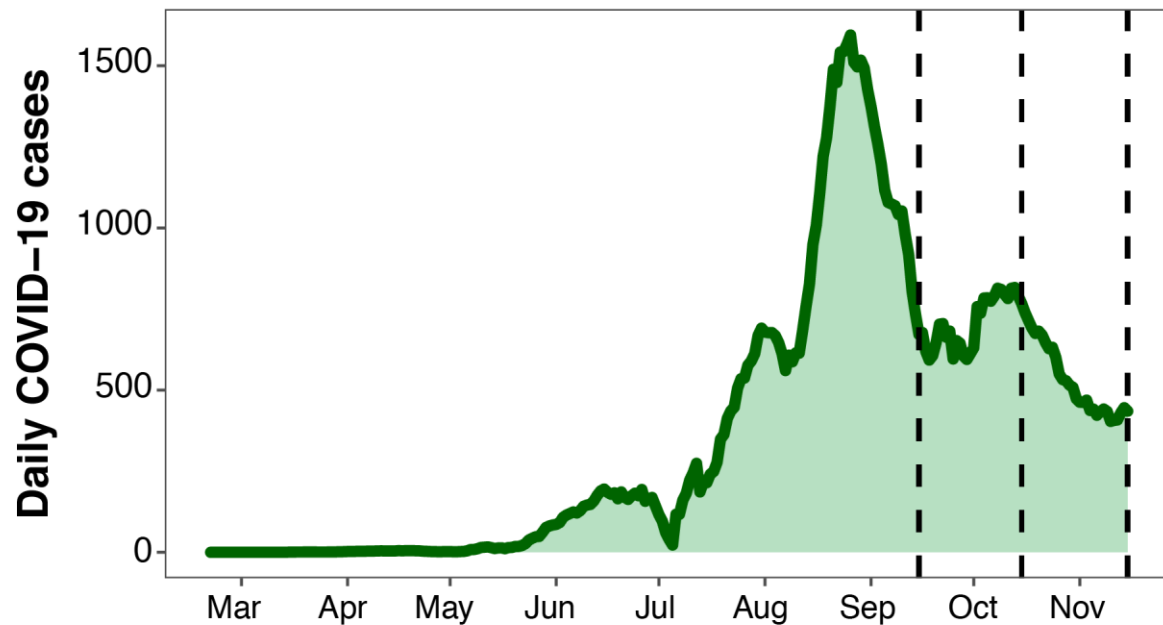


*7 days rolling average is shown

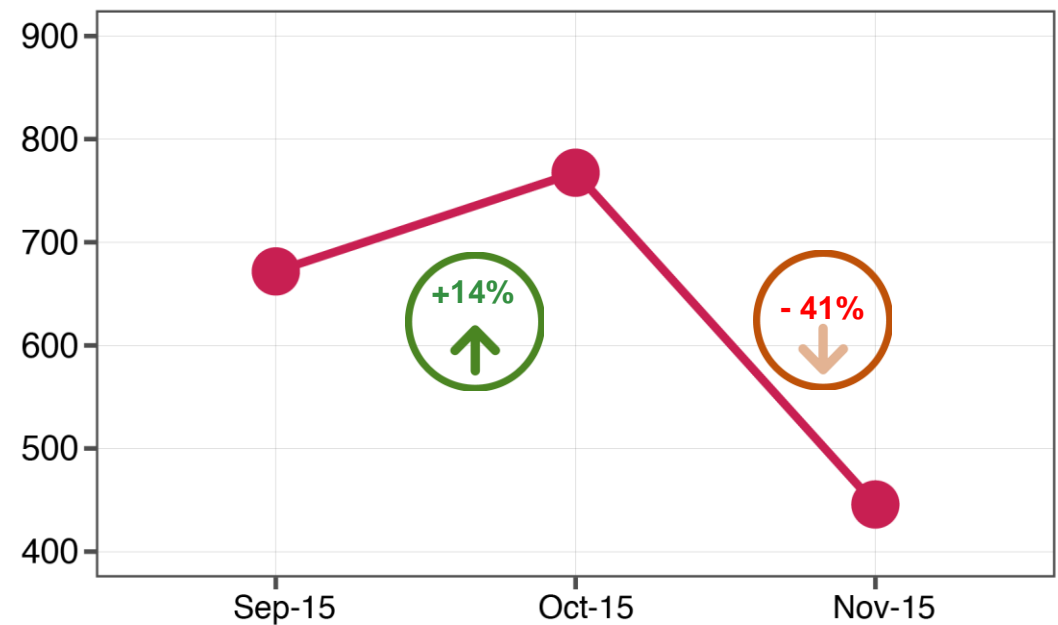


COVID-19 CASES | CASE STUDY

Ethiopia: COVID-19 cases



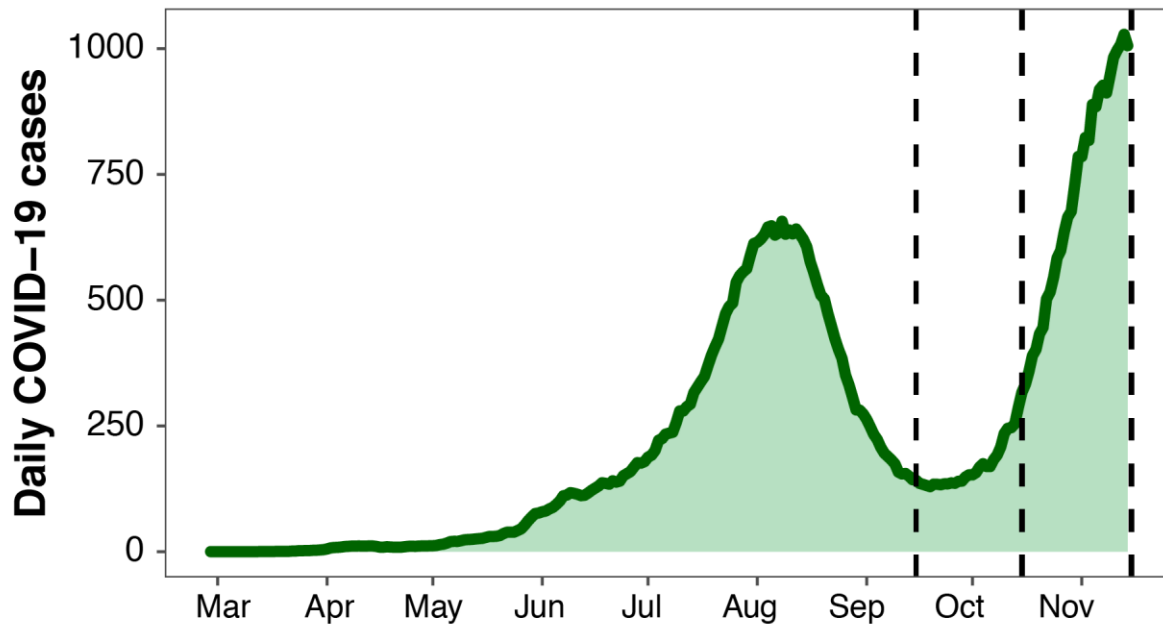
*7 days rolling average is shown



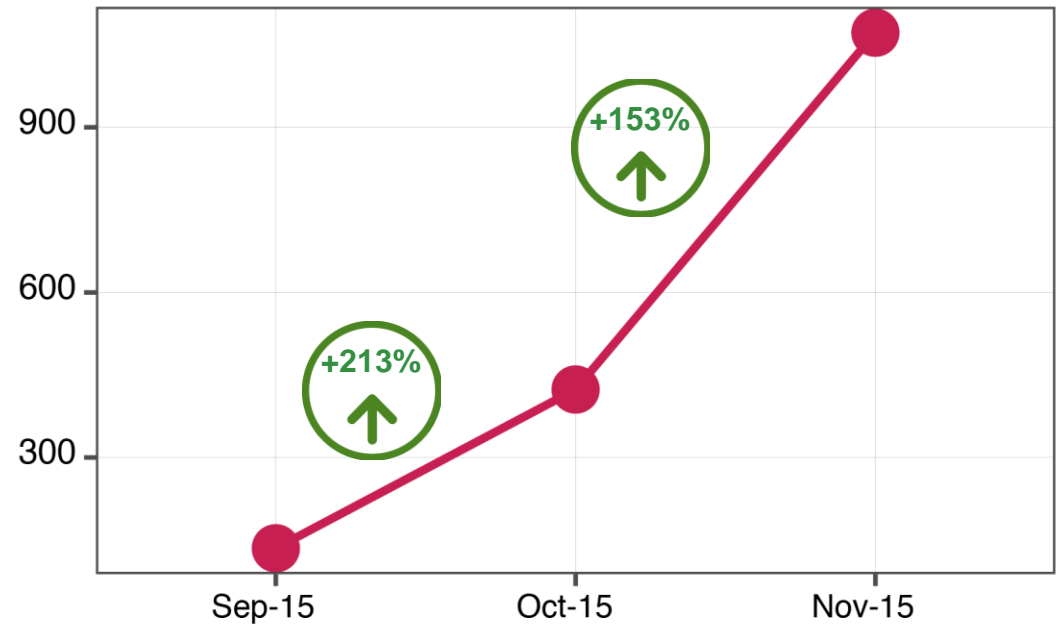
COVID-19 CASES IN KENYA

WHAT DOES THE SECOND WAVE LOOK LIKE?

Kenya: COVID-19 cases

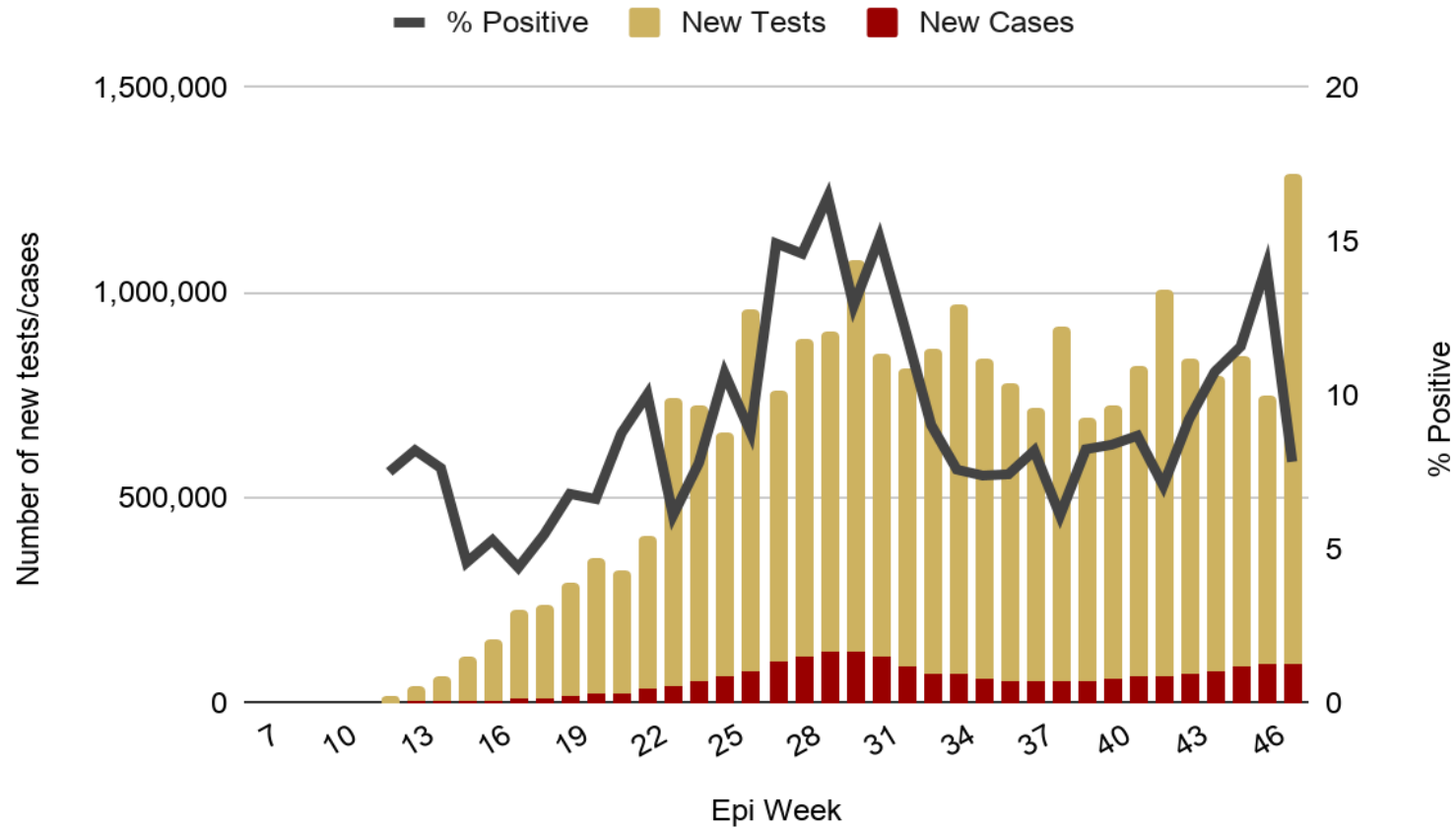


*7 days rolling average is shown



COVID-19 TESTING IN AFRICA

as of 24 November 2020, 9:00 AM EAT



>21M
Tests

10.3
Test/Case Ratio

9.7%
Positivity rate

COVID-19 TESTING PERFORMANCE

Distribution of tests per case ratio

as of 13 November 2020, 9:00 AM EAT

16

countries
<10 tests/case

27

countries
10 - 30 tests/case

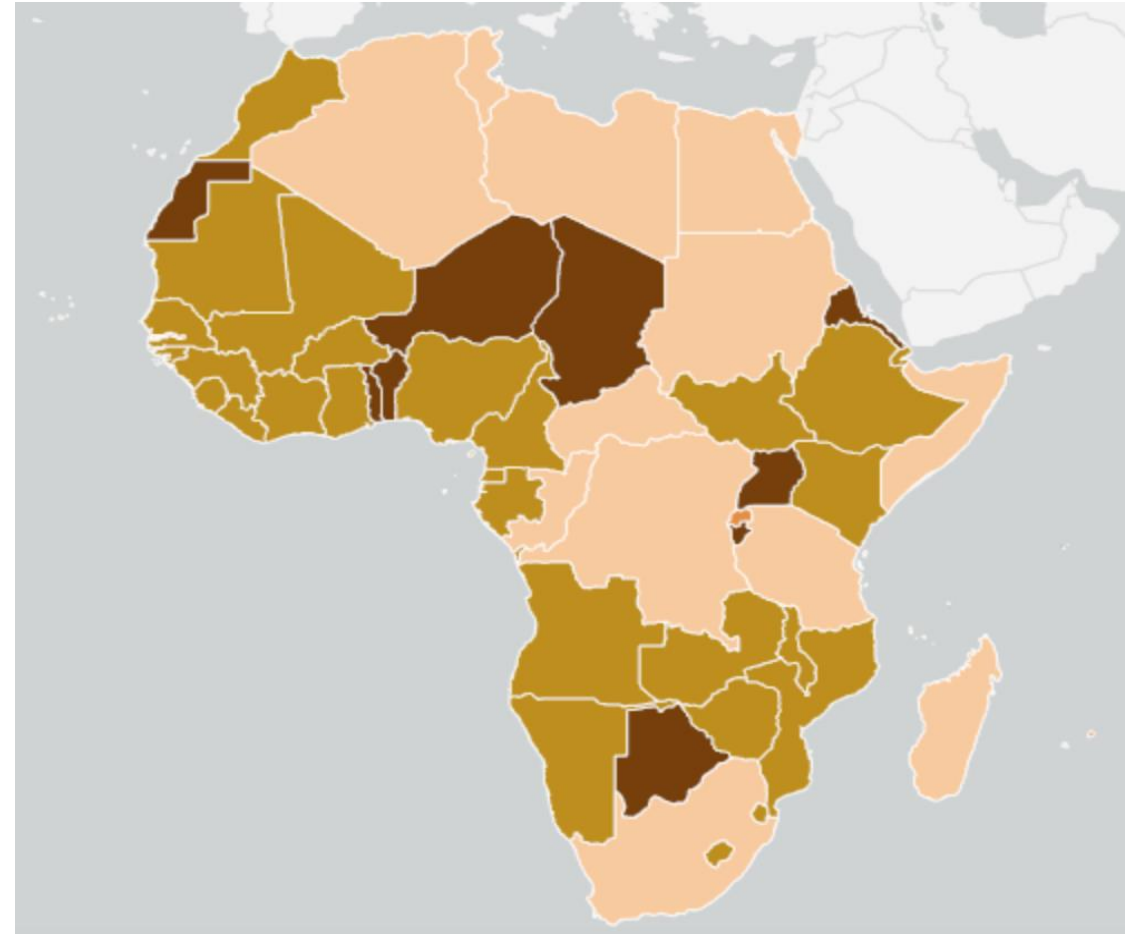
10

countries
31 - 100 tests/case

2

countries
>100 tests/case

Min: 3.6 Tests/Case | Max: 615.2 Tests/Case



COVID-19 TESTING IN AFRICA | 120 MILLION ANTIGEN TESTS

Global partnership to make 120 million affordable, high-quality COVID-19 rapid tests available in low- and middle-income countries.

- Africa CDC
- WHO
- Unitaid
- Foundation for Innovative New Diagnostics (FIND)
- The Global Fund
- Bill & Melinda Gates Foundation



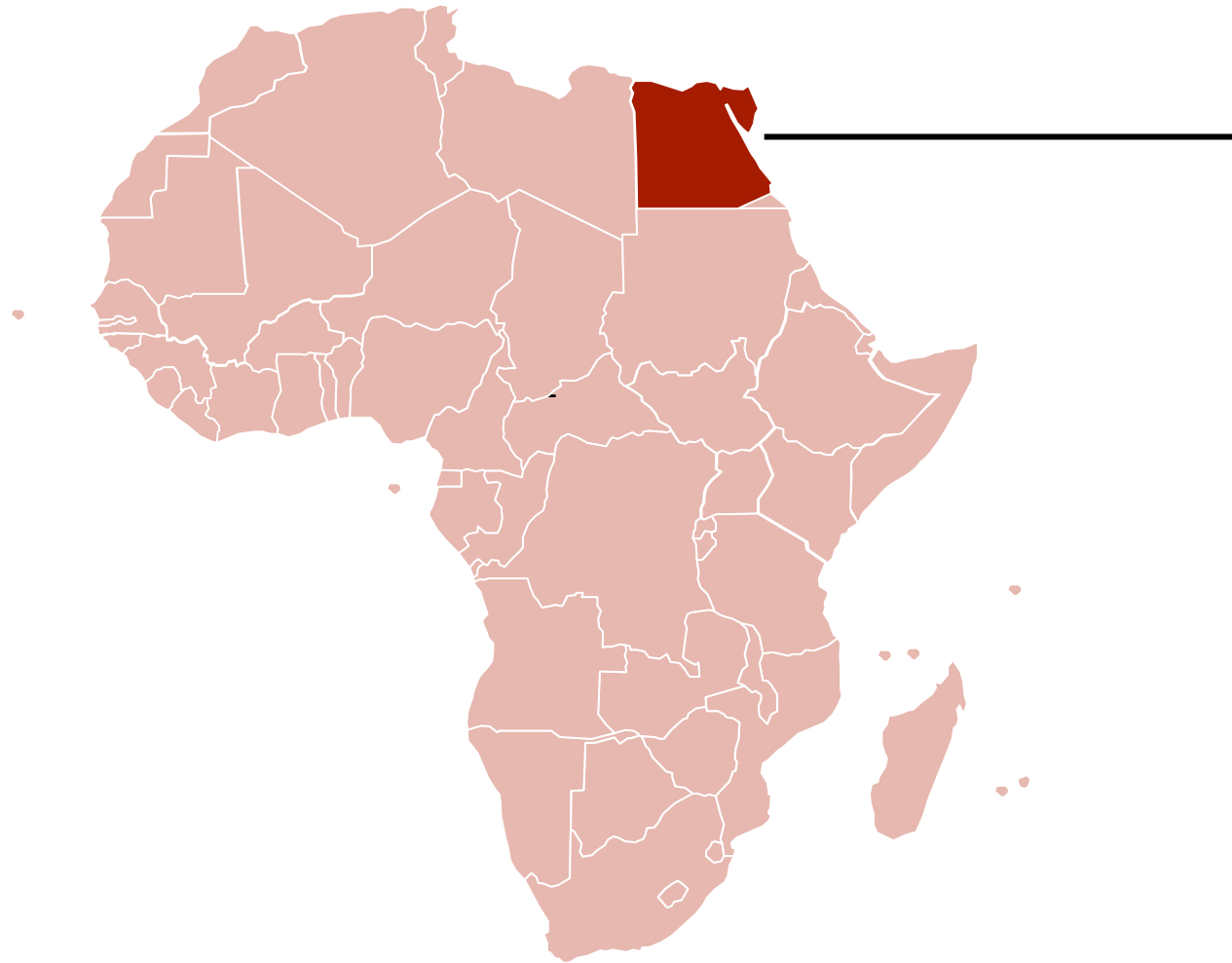
OVERVIEW

01 **Epidemiological update in Africa**

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03 **Leadership strategies and challenges**

COVID-19 IN AFRICA | THE BEGINNING



14 FEB 2020

Africa's **first case** of
COVID-19 is recorded
in **Egypt**.

COVID-19 IN AFRICA | JOINT CONTINENTAL STRATEGY

Africa CDC's COVID-19 Strategy

Preventing **transmission**

Procurement of surveillance, diagnostic and IPC supplies

Enhanced surveillance and data collection

Cascade trainings on surveillance, laboratory and IPC

Preventing **deaths**

Tailored technical assistance to MSs

Ongoing clinical management trainings to health workers

Procurement of medical equipment and supplies

Preventing **social harm**

Tailored technical assistance on social distancing policies

Risk communication cascade trainings

Tracking and dismantling rumors

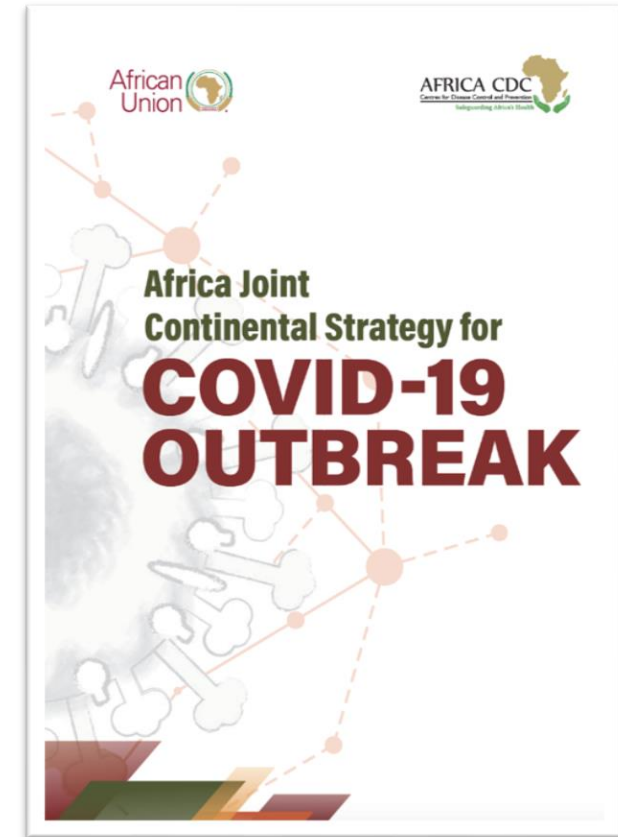
Africa Coronavirus Taskforce (AFTCOR) – joint working groups of technical experts across these areas

AFRICA JOINT CONTINENTAL STRATEGY FOR COVID-19

CONVENING POWER

Emergency Meeting of 55 Ministers of Health on COVID-19

(February 22, 2020 | Addis Ababa, Ethiopia)



AFRICA JOINT CONTINENTAL STRATEGY | PACT

Partnership to Accelerate COVID-19 Testing in Africa (PACT)

In support of the AU Joint Continental Strategy, Africa aims to achieve the following PACT targets by October 2020.

Conduct

10 million

COVID-19 tests

Deploy

1 million

community health workers

Train

100,000

healthcare workers
to support COVID-19
response

Establish a

continent-wide

**procurement
platform** for

laboratory and medical
supplies

Test, Trace and Treat:

Partnership to Accelerate
COVID-19 Testing (PACT)
in Africa

- **Surpassed 10 million tests** conducted two months ahead of target date
- **Half of tests** were facilitated by Africa CDC
- Reached **20 million tests** conducted (**2nd target**) in November 2020

AFRICA CDC PACT ACTIVITIES | **AMSP**

African Medical Supplies Platform

- **A single online marketplace** to enable the supply of COVID-19-related critical medical equipment in Africa
- Developed under the leadership of **Strive Masiyiwa, AU Special Envoy**, in partnership with African Export-Import Bank (**Afreximbank**), United Nations Economic Commission for Africa (**UNECA**), and more



<https://amsp.africa/>

AFRICA CDC COVID-19 RESPONSE | RESPONDERS

Rapid responders



Community Health Workers



AFRICA CDC COVID-19 RESPONSE | LABORATORY

January, 2020



No diagnostic capability

February, 2020



2 countries with diagnostic capability

November, 2020



All countries with diagnostic capability

+1300 Lab personnel trained

+6M test kits and supplies distributed

+20M tests conducted

AFRICA CDC COVID-19 RESPONSE | **DIAGNOSTICS**

Rapid Scale-up of Diagnostic Capacity for COVID-19 Across the Continent



AFRICA CDC COVID-19 RESPONSE | INFECTION PREVENTION CONTROL

Infection Prevention & Control (IPC): Capability Building of 22 Member States

IPC trainings for medical personnel across 22 member states from Feb 21-25, 2020 in Abuja



Country-specific **technical assistance** on quarantine and IPC protocols



22
countries

45+
participants

■ IPC trained countries

Comment

nature

COVID-19 vaccines: how to ensure Africa has access

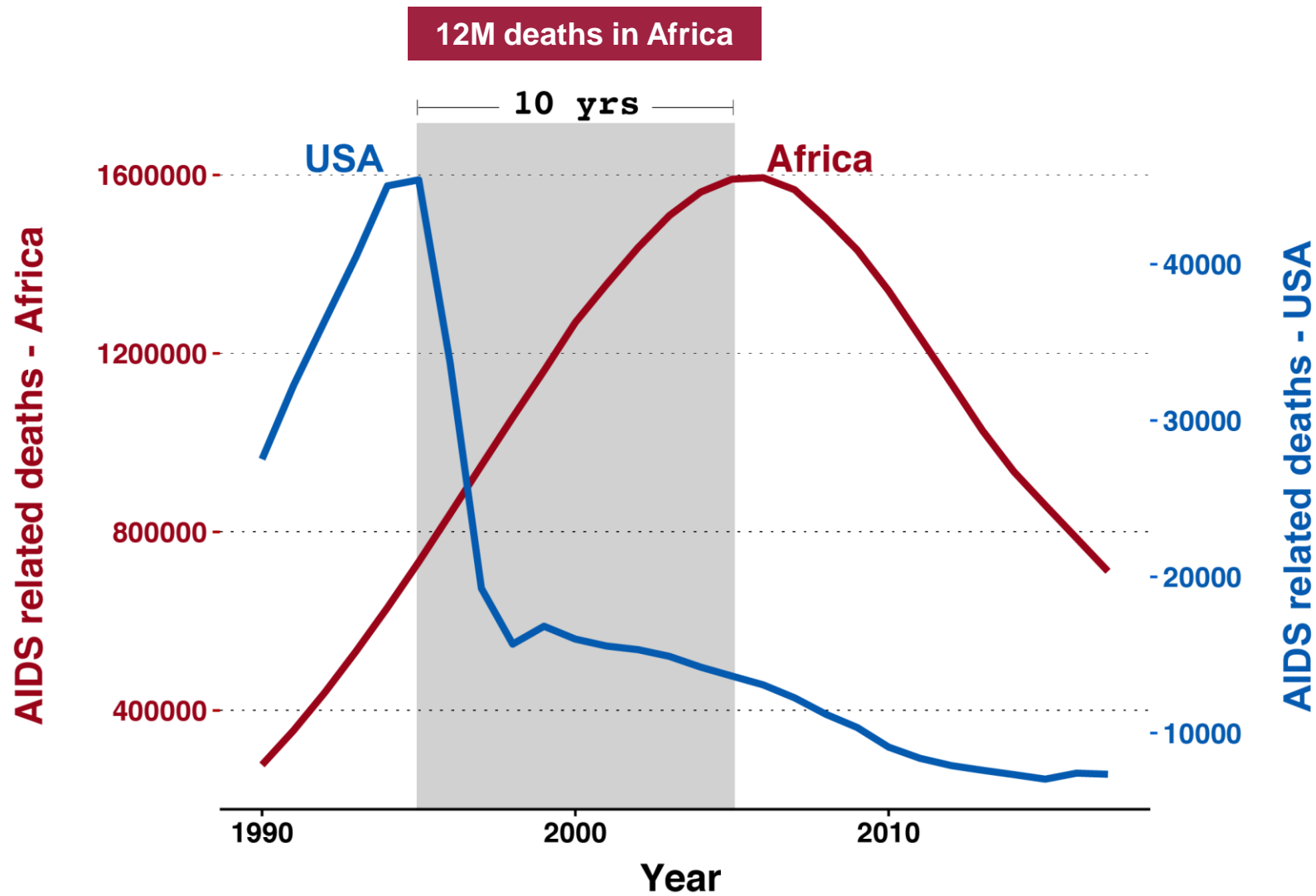
John N. Nkengasong, Nicaise Ndembi, Akhona Tshangela & Tajudeen Raji



History must not repeat itself — global and continental cooperation are essential.

Nature | Vol 586 | 8 October 2020 | 197

AIDS-RELATED DEATHS: USA VS AFRICA



LEADERSHIP STRATEGY | AU BUREAU HEADS OF STATE

The Heads of State and Government renewed their call for Member States to contribute towards the AU COVID-19 Solidarity Fund, which is critical in the effective implementation of the Continental strategy. They endorsed the Africa's COVID-19 vaccine development and access strategy presented by the Director of Africa CDC, and called for the acceleration of African involvement in vaccine development, Africa's access to vaccine supply, and the removal of barriers to vaccine delivery and uptake. The Heads of State and Government stressed that Africa should take appropriate measures, as part of the strategy, to ensure that it secures timely access to COVID-19 vaccines when they become available.

AFRICA VACCINE DEVELOPMENT & ACCESS STRATEGY



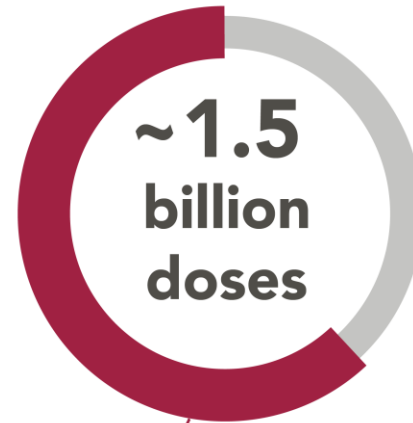
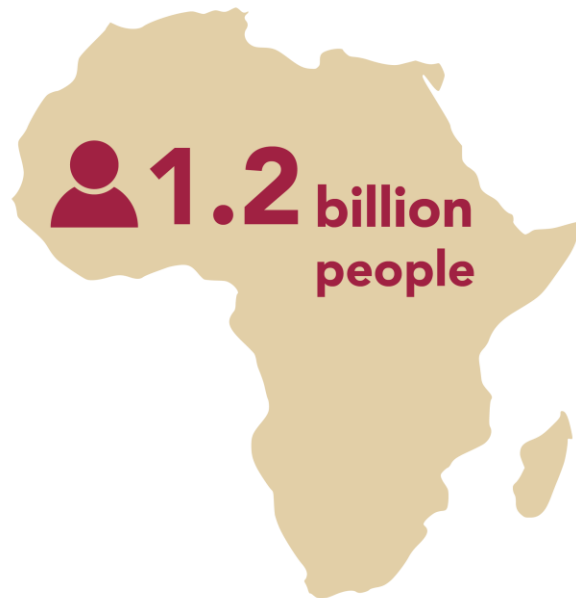
01 Accelerate African involvement in vaccine development

02 Ensure Africa's access to sufficient vaccine supply

03 Remove barriers to vaccine delivery and uptake

ACCESS TO SUFFICIENT VACCINE SUPPLY | **NEED**

Vaccinating **60%** of the African population is expected to cost **USD 10-15 billion**. We need to recognize the **urgency of now and take quick, collective action**.



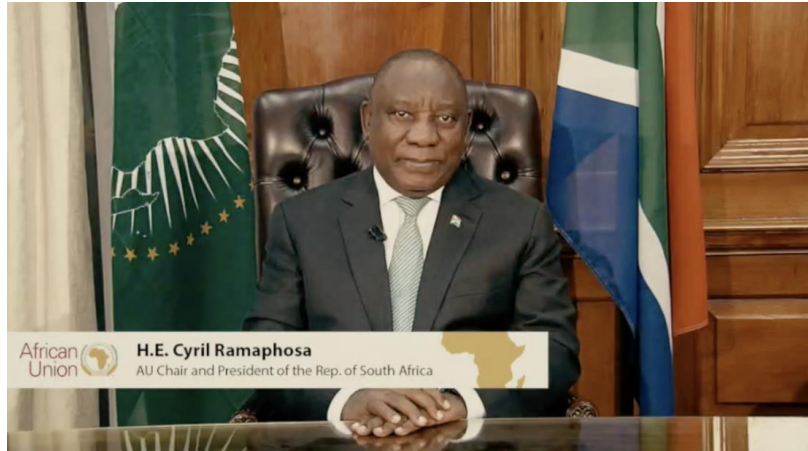
To vaccinate **60%** of the population



*Estimated vaccine purchase and delivery cost

1 Assumptions: 1.2 billion population, 2 dose regimen, country income group price tiering; wastage: 10% (lower bound), 20% (upper bound); delivery \$1.8/dose (lower bound), \$3.5/dose (upper bound)

ACCESS TO SUFFICIENT VACCINE SUPPLY | **NEED**



Establishment of **African Vaccine Acquisition Task Team (AVATT)**

In his opening remarks, His Excellency President Ramaphosa outlined the objective of the Meeting, namely to assess options for acquisitions and financing of COVID-19 vaccines in Africa. While recognizing that the Continent has made remarkable progress in the fight against the COVID-19 pandemic, he noted that Africa needed to urgently implement its vaccine strategy, with a focus on acquisition and financing, in order to fully control the spread of the virus. He stressed that Africa should take appropriate measures, as part of the strategy, to secure timely access to COVID-19 vaccines when they become available.

President Ramaphosa further noted that about \$12 billion was required, and this was expected to come from three sources: the COVAX Donor Initiative, The World Bank, direct donors, and African Import Export Bank, which has committed to raise up to \$5 billion.

COVID-19 IN AFRICA | JOINT CONTINENTAL STRATEGY

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FINAL TAKEAWAYS

- **Early, unified leadership** was key in Africa's response to COVID-19
- COVID-19 should be a **stimulus** to launch the **new public health order**
- **Partnerships** in the new public health order: 'the philosophy of the oppressed'
- Back to basics: **adaptive** public health workers development
- **Invest** in public health institutions and local manufacturing of medical interventions
- **Ensure the protection of HIV, tuberculosis, and malaria immunization programs while continuing investment to advance the success of these interventions**

THANK YOU



LEARN MORE AT

africacdc.org/covid-19

Safeguarding Africa's Health