



COVID-19 Pandemic: Kenya's experience

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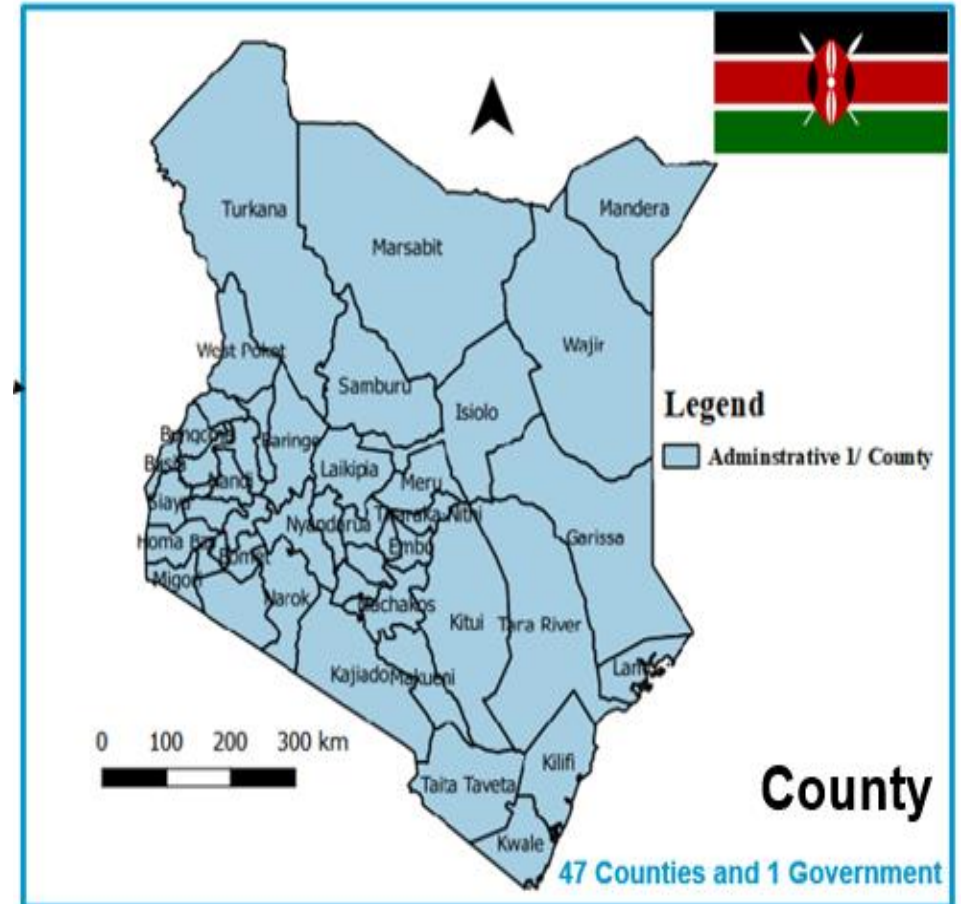
15th May, 2020

PRESENTATION OUTLINE

1. Country profile
2. COVID-19 Cases , distribution
3. Testing
4. Kenya Response
5. Challenges and Lessons learnt
6. Best practices and innovations

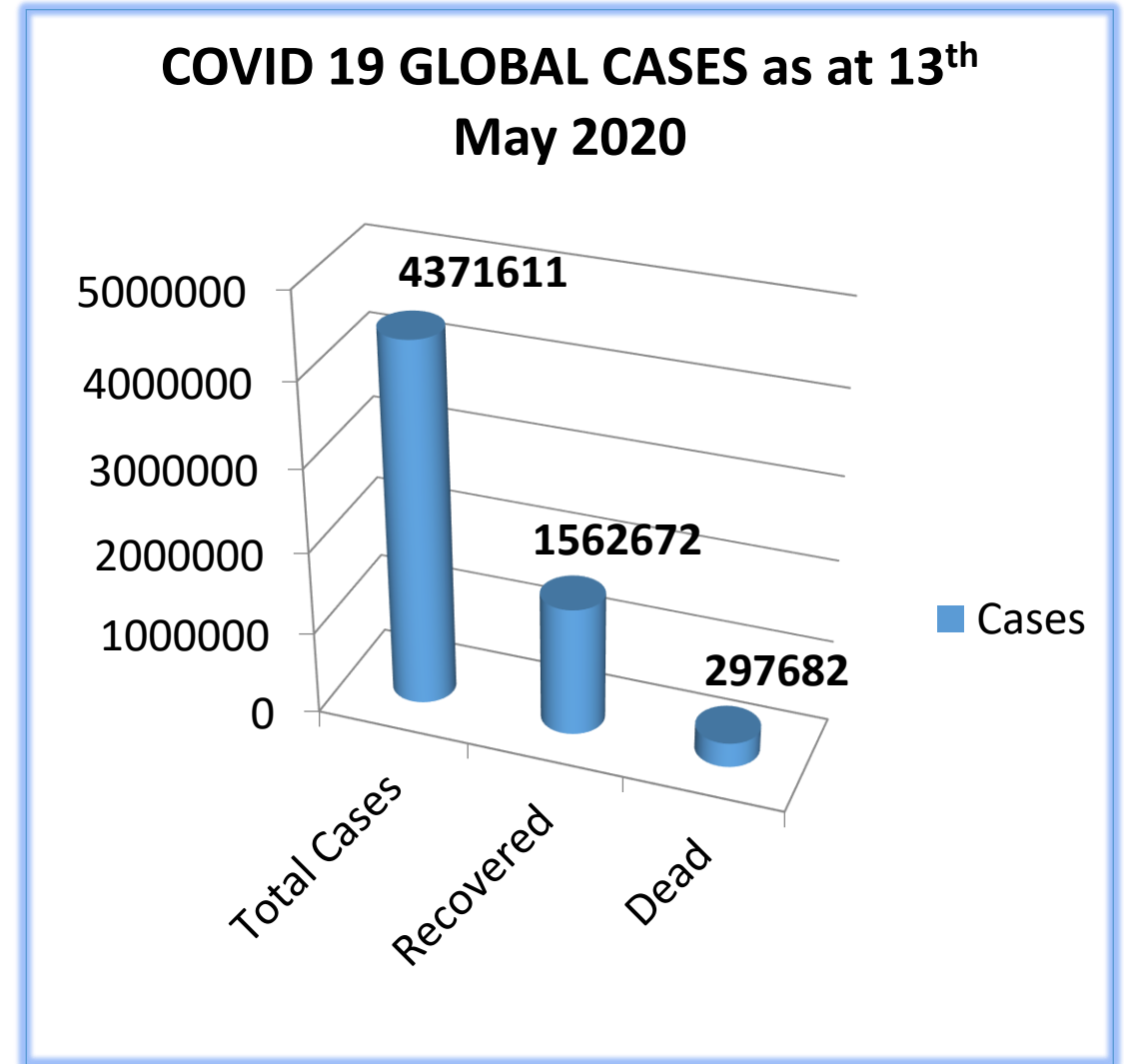
COUNTRY PROFILE

- Total 2020 Population: **47.6 million**
- Governance structure:
 - National
 - 47 Counties
- 304 sub-counties
- 8,994 health facilities (Public, private & FBO)
- Healthcare worker to Pop. Ratio:
13.8/10,000 pop. (*Kenya Health Workforce Report 2015*)



COVID-19 CASE LOAD SUMMARY

- As at 14th May 2020:
 - Confirmed cases 758
 - Recoveries 284 (33%)
 - Deaths 42 (CFR 5.5%)
- **36,918** laboratory samples tested to date
- 22 of 47 Counties affected
- Majority (85.9%) reported in Nairobi and Mombasa Counties
- 72% are asymptomatic



DISTRIBUTION OF CASES BY COUNTY OF DETECTION AND ISOLATION

County where the case was Diagnosed	Freq.	Percent
Nairobi	389	51.32
Bomet	1	0.13
Bungoma	2	0.26
Busia	2	0.26
Homabay	2	0.26
Isiolo	1	0.13
Kajiado	24	3.17
Kakamega	1	0.13
Kiambu	11	1.45
Kilifi	8	1.06
Kitui	4	0.53
Kwale	3	0.4
Machakos	3	0.4
Mandera	14	1.85
Migori	10	1.32
Mombasa	262	34.56
Nakuru	3	0.4
Siaya	2	0.26
Uasin Gishu	3	0.4
Wajir	13	1.72
Total	758	

Outcomes

1. Cumulative discharges-284

2. Cumulative deaths 42

3. Contacts

Total Numbers monitored – 4,979

Total discharged from follow up-3,570

Currently on follow up-1,409

CASES

Name of Health facility	COVID-19 cases in admission today	No of New admissions in the Last 24 Hrs	No of new discharges.	COVID-19 cases in ICU today	On Oxygen	Deaths In the last 24 Hrs
KUTRRH	62	5	1	0	0	0
The Nairobi Hospital	2	0	0	0	0	0
KNH	41	2	0	0	0	1
Aga Khan University Hospital Nairobi	3	0	0	0	0	0
MTRH	0	0	0	0	0	0
MP shah	0	0	1	0	0	0
Alupe Hospital	2	0	0	0	0	0
Wajir County Hospital	9	0	0	0	0	0
Bungoma County Hospital	2	0	0	0	0	0
Mombasa Hospital	6	0	0	0	0	0
Migori County hospital	5	0	0	0	0	0
Nakuru PGH	1	0	0	0	0	0
Kwale County Refferal Hospital	1	0	0	0	0	0
Mandera County Hospital	9	0	0	0	0	0
Homabay CRH	1	0	0	0	0	0
TUM	50	1	0	0	0	0
CGTRH	45	0	1	0	0	0
Pandya Memorial Hospital Mombasa	1	0	0	0	0	0
Longisa SC Hospital	0	0	0	0	0	0
Mater Hospital	0	0	0	0	0	0
Garbatulla SC Hospital	1	0	0	0	0	0
Total	241	8	3	0	0	1

DISTRIBUTION OF SAMPLES TESTED IN THE LAST 24 HOURS (14TH) BY TESTING LABORATORIES

Laboratory Testing	Number of samples tested since last update
NPHL-NIC	226
KEMRI Nairobi	64
NPHL-NHRL	0
KEMRI NAIROBI, HIV LAB	251
KEMRI Kilifi	262
KEMRI Kisumu	159
KEMRI CDC -Nairobi	59
Aga Khan University Hospital	28
Lancet	192
Kenyatta National Hospital	26
MTRH	76
The Nairobi Hospital	48
WALTER REED LAB KERICHO	41
CPGH	0
Wajir CRH	0
Machakos CRH	0
KITALE COUNTY HOSPITAL LABORATORY	0
BUSIA COUNTY REFERRAL HOSPITAL LAB	25
KEMRI WRP Kisumu	27
Malindi Sub County Referral	2
Totals	1,486

STRATEGIES ADOPTED BY THE GOVERNMENT

Category	Measure	category	Measure
Social Distancing	<ul style="list-style-type: none"> • Closures of learning institutions • Remote working • Ban on public events/gatherings • Public service facilities closures 	Public health	<ul style="list-style-type: none"> • Emergency Operations Centre(EOC) activation • Surveillance and monitoring • Case isolation and contact tracing (1,664 Isolation beds); • Quarantine policies • Health Screening • Expanded Targeted testing • Public information & messaging campaigns -Personal behavior including handwashing / respiratory hygiene (Community use of masks) / disinfection • Case management and preparedness: Capacity building of HCWs, ICU beds 518/85% used; Ventilators -297 (90 in GOK) • HCW welfare and safety: PPEs, Insurance, COVID Allowance, Boarding & Transport
Movement restrictions	<ul style="list-style-type: none"> • Partial lockdowns • Border closures • Flight suspensions • Curfews • Visa restrictions • Local travel bans 	Governance and Economic	<ul style="list-style-type: none"> • Declaration of executive order number 2 of 2020 establishing the National Emergency Response Committee • Economic stimulus to cushion businesses and Individuals • Activation of emergency administrative structures e.g. COVID-19 taskforce

STRENGTHS

PREPAREDNESS

- COVID-19 Contingency plan developed by health sector in January
- Activated pre-existing nationwide network of laboratories (private and public) for COVID19 testing (Built in Capacity of 37,000)
- Enhanced screening system at points of entry
- Accelerated capacity building for health workers and frontline workers for rapid response, case management, contact tracing and infection prevention and control at all levels
- Development of Guidelines and protocols

RESPONSE

- Rapid action by the **Executive Office of the President**
- Sentinel Influenza Surveillance sites provided initial logistics and personnel
- Whole of government approach in the response to COVID-19
- Strong public-private partnership in the response of COVID-19

CHALLENGES & LESSONS LEARNT

CHALLENGES

- Commodities and Supplies
 - Shortage of PPE in the local and international markets
 - Shortage of diagnostic reagents locally and internationally
- Change of Socio-cultural behaviors (Handshake, traditional burials rites)
- Interruption of essential health and specialized healthcare programs (Cancer care, Immunization, HIV, Maternal care)
- Difficulties in contact tracing and implementation of quarantine measures
- Myths and misconceptions in the community – part of the “infodemic”

LESSONS LEARNT

- Sustained investment in epidemic preparedness is crucial for the seamless response to any outbreak
- Community engagement and involvement during both preparedness and response phases is paramount in the control of the outbreak
- Continuous risk communication to the public at all times reinforces desirable behavior change in the community and addresses myths and misconceptions
- Strong multi-sectoral collaboration is key in addressing public health emergencies and containment

BEST PRACTICES

- Innovation by local industries-
 - Mass production of PPES by about 10 companies (Masks, Gloves, Face shield, Coveralls) { Kicotec;Tuffoam; NYS; Prisons,Rivatex; Sona etc}
 - Local production of Ventilators
- Implementation of community based surveillance

THANK YOU!