



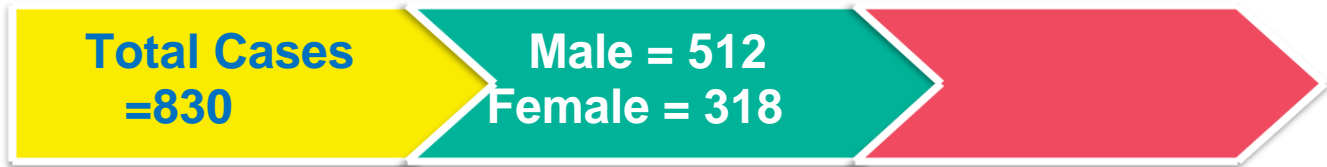
# COVID-19 OUTBREAK IN KENYA

## DAILY SITUATION REPORT - 60

### 1. KEY HIGHLIGHTS

1. **The President** addressed the nation today, May 16, 2020 and issued the following directives
  - A. Cessation of movement of persons and any passenger ferrying automobiles and vehicles into and out of the territory of Republic of Kenya through the Kenya-Tanzania international border except for cargo vehicles, with effect from midnight today, Saturday 16th, May 2020.
  - B. Cessation of movement of persons and any passenger ferrying automobiles and vehicles into and out of the territory of the Republic of Kenya through the Kenya-Somalia international border except for cargo vehicles, with effect from midnight today, Saturday 16th, May 2020.
  - C. All drivers of the cargo vehicles shall be subjected to mandatory COVID-19 disease testing and will only be granted entry into the territory of the Republic of Kenya if they test negative.
  - D. The nationwide dusk-to-dawn curfew that is currently in force be extended for a further period of 21 days up to and until the 6th June, 2020.
  - E. Cessation of movement into and out of the Nairobi Metropolitan Area and the Counties of Kilifi, Kwale, Mombasa and Mandera that is currently in force be extended up to and until the 6th June, 2020.
  
2. **Forty-nine (49)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **830 cases** as of 16 May. All are Kenyans out of which seven (7) cases have a travel history, and forty-three (43) of the cases are local transmission. Counties reporting new cases are **Busia (1), Kiambu (1), Kilifi (1), Laikipia (5), Mandera (4), Migori (1), Mombasa (8), Nairobi (24), Nakuru (1), Taita Taveta (2) and Uasin Gishu (1).**
  
3. **Among the positive cases that have been registered in the country this week, a total of forty-three (43) cases have recently crossed the border from neighbouring Somalia and Tanzania.**

4. **301** individuals from having registered full recovery since the onset of this pandemic. There are now **481** cases undergoing treatment.
  
5. As of today, **twenty-two (22) out of 47 counties** have reported cases namely: Nairobi (424), Mombasa (275), Kajiado (27), Mandera (18), Wajir (15), Kiambu (14), Migori (11), Kilifi (9), Laikipia (5), Kitui (4), Nakuru (4), Uasin gishu (4), Busia (3), Kwale (3), Machakos (3), Bungoma (2), Homa bay (2), Siaya (2), Taita taveta (2), Bomet (1), Isiolo (1), and Kakamega (1).
  
6. **Six hundred and twenty-eight - 628 (76%) of the 830 confirmed cases** are local transmissions.
  
7. 1542 contacts under follow up 1429 (93 percent) were followed up today.
  
8. In the last 24 hours, **2582 samples** were tested across various laboratories of which **Forty-nine (49) samples** turned positive for COVID-19. A total of **41514 cumulative tests** have so far been conducted



### 1.1 Epidemiology

Since 13 March 2020 when the first case was confirmed in Kenya, a total of **830** confirmed cases have been line listed. Of these, 628 cases (76 percent) were local transmissions and 202 (24 percent) are imported cases. The Figure 1 below shows trends of cases. Mandatory quarantine was instituted on 25 March 2020 with testing of all quarantined people starting on 29 March 2020. Figure 2 shows cumulative caseload. Figure 3 shows number of samples tested by date indicating the positive and negative results. Laboratory test rate currently stands at 872.8 samples per 1,000,000 people.

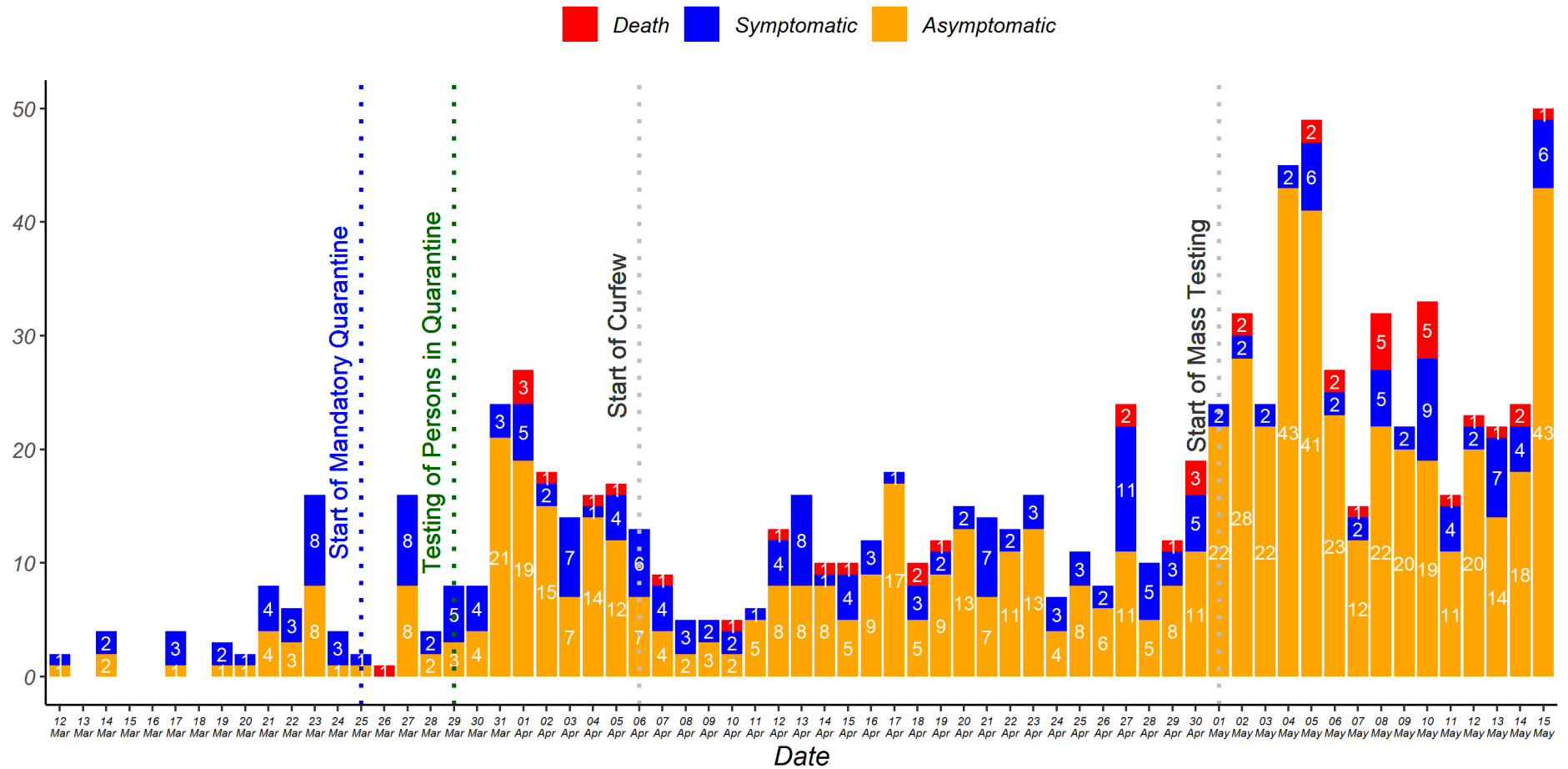


Figure 1: Trends of COVID-19 Outbreak Kenya



### 1.2 Cumulative Case

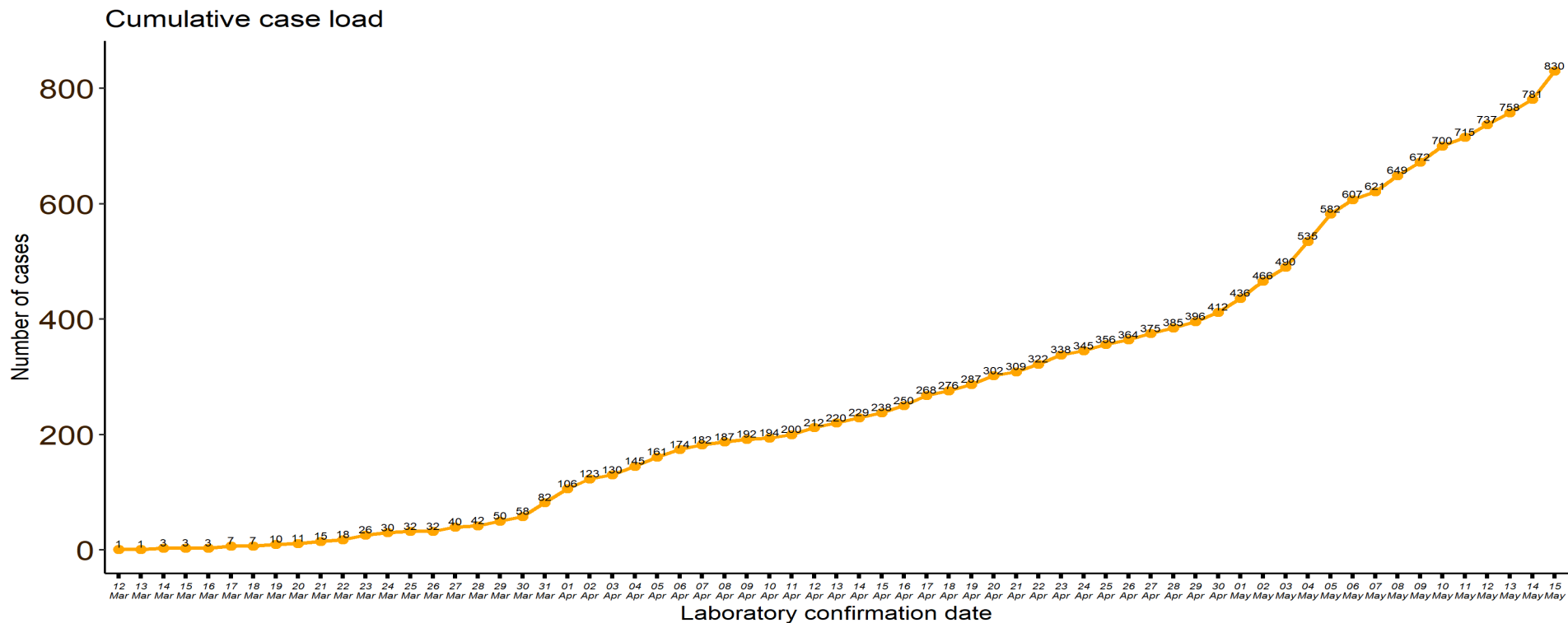


Figure 2: Cumulative case load



### 1.3 Laboratory testing

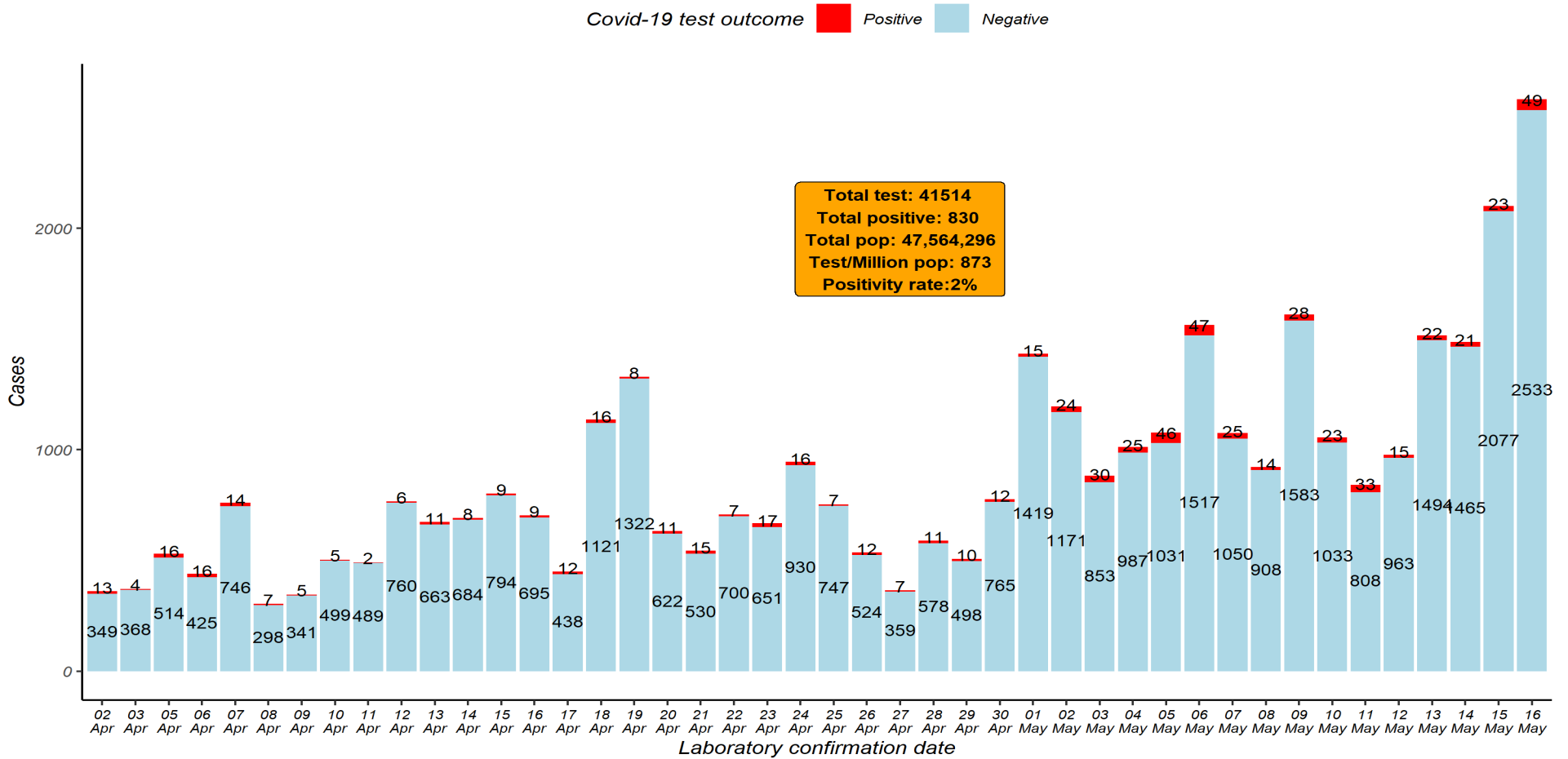


Figure 3: Laboratory Tests Conducted by Date Results were Shared



### 1.4 Distribution of Confirmed COVID-19 Cases by Presentation

Of the 830 confirmed cases, 179 (22 percent) presented with symptoms (Figure 4). Fever (59 percent) and cough (53 percent) were predominant presenting symptoms (Figure 5).

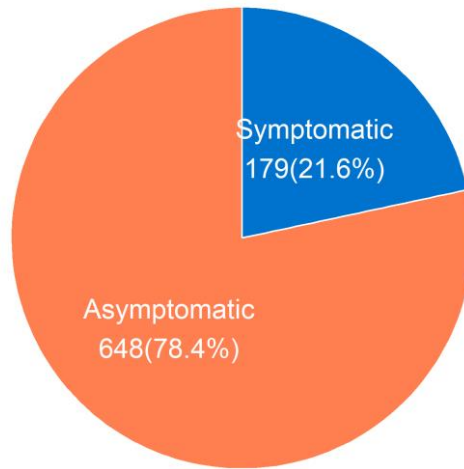


Figure 4: Distribution of Confirmed COVID-19 Cases by Presentation

### 1.5 Presenting Symptoms among Symptomatic COVID-19 Cases

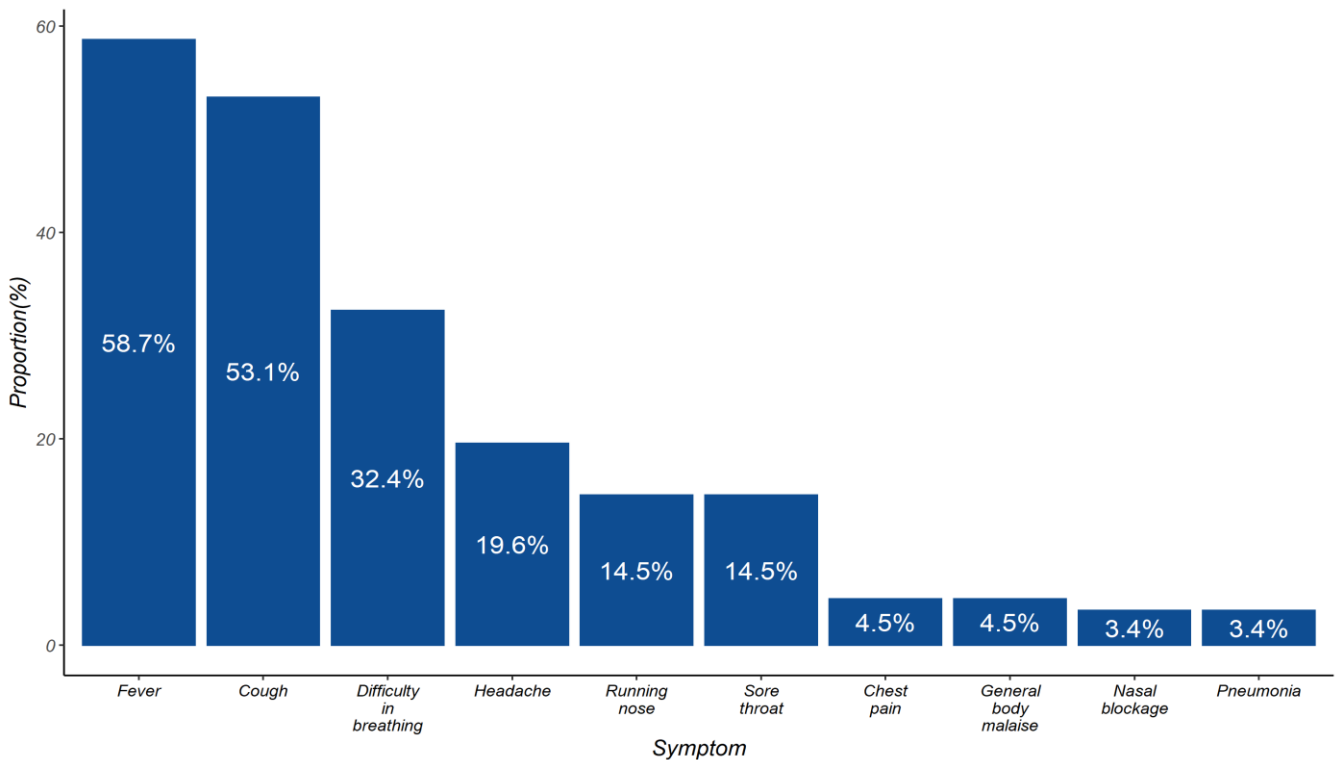


Figure 5: Distribution of Presenting Symptoms among Symptomatic COVID-19 Cases



### 1.6 Age and Sex Distribution of COVID Confirmed Cases and Deaths

Five hundred and twelve (61.7 percent) are males and 318 (38.3 percent) are females. Most of the cases; 232 (28 percent), are in the age group of 30-39 years. Figure 6 below shows age and sex distribution of COVID-19 cases. Three – quarters of the deaths reported are male while the rest are females (Figure 7).

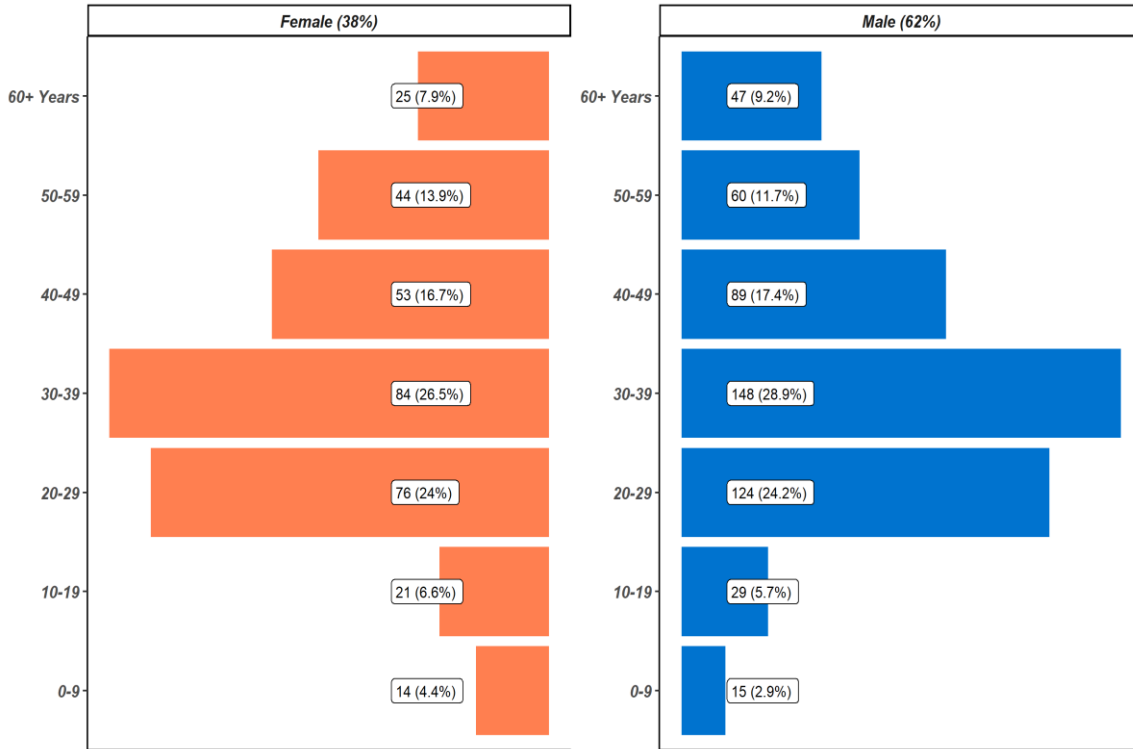


Figure 6: Age and Sex Distribution of COVID-19 Cases Kenya

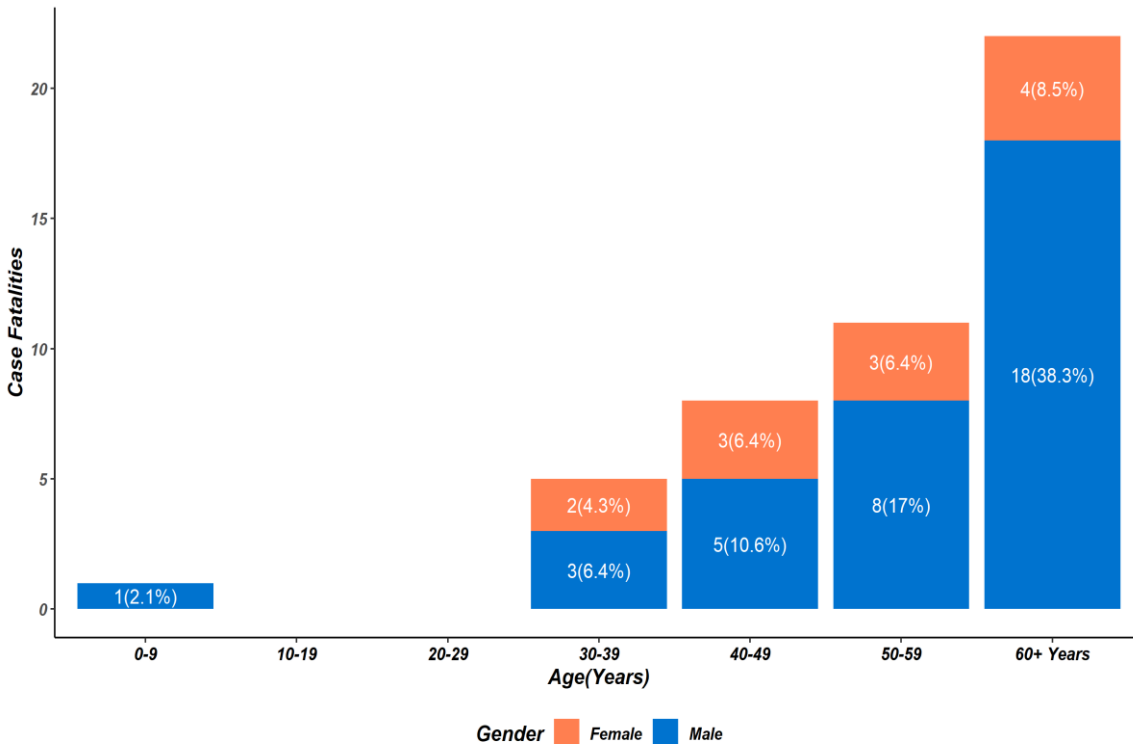


Figure 7: Distribution of Case Fatalities by Age and Sex





### 1.7 Distribution of Confirmed COVID-19 Cases by County and Transmission Classification

Of the 830 cases, 424 (51 percent) are from Nairobi County followed by Mombasa County with 275 (33 percent) as shown in Figure 8. Mombasa County has the highest attack rate of 22.8 per 100,000 population followed by Nairobi City County at 9.6 per 100,000 population (Table 1).

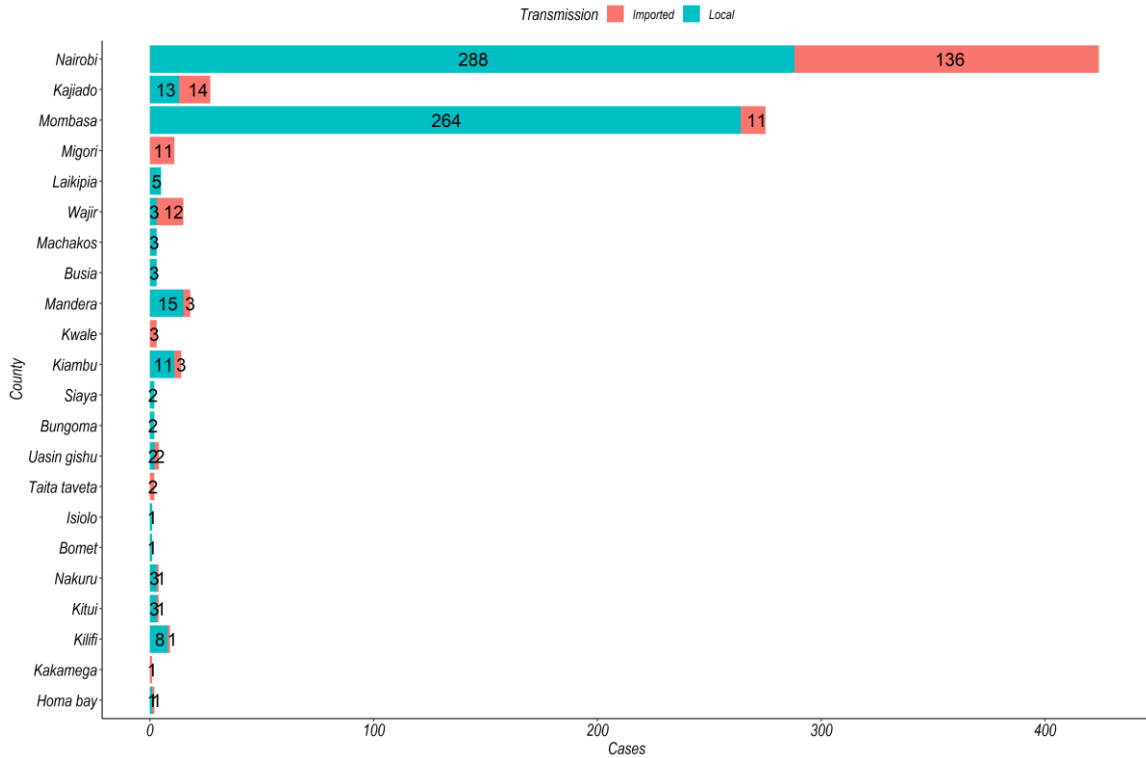


Figure 8: Distribution of confirmed COVID-19 Cases by County and transmission classification

**Table 1: County Attack Rate/100,000 population**

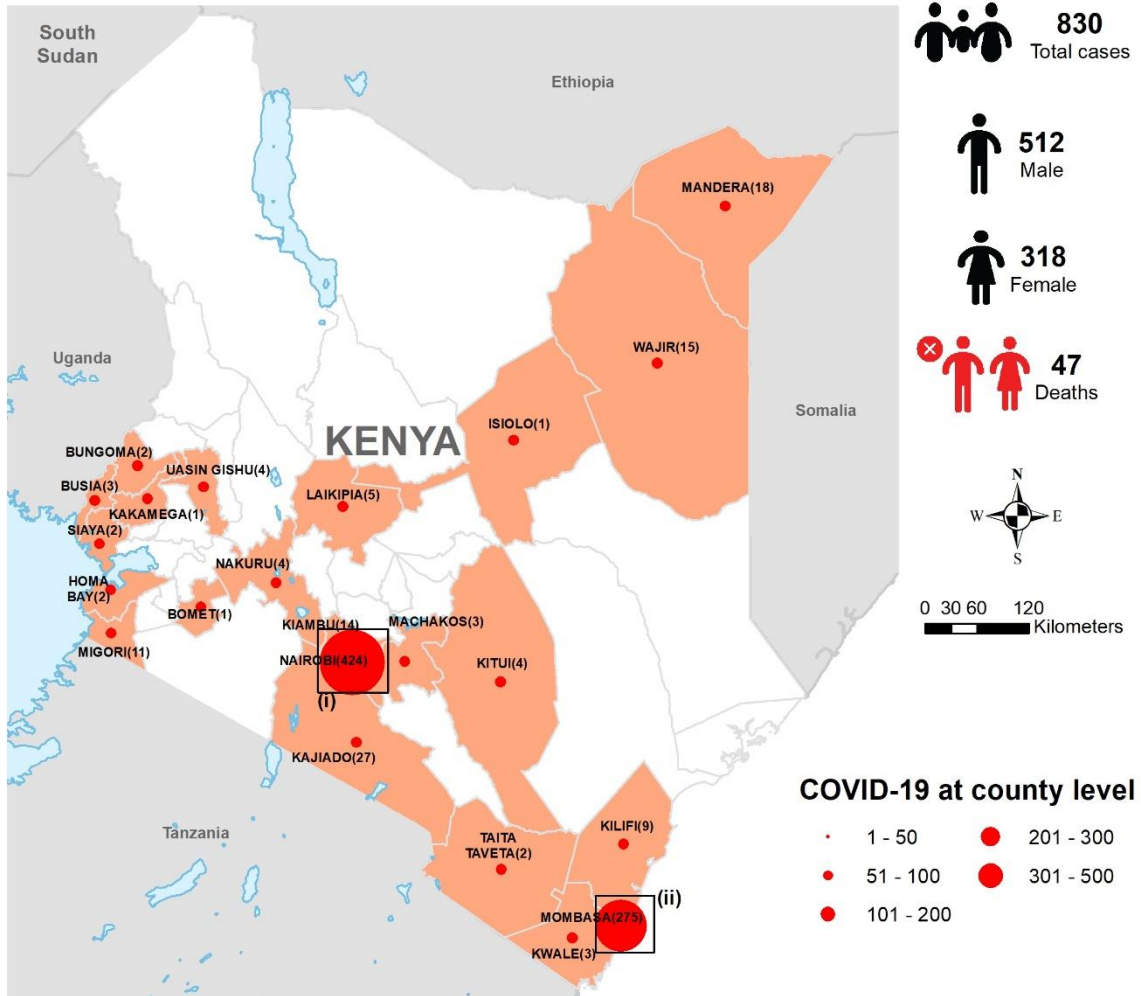
S/No	County	Population (2019 Census KNBS)	Cumulative Cases	Cases per 100,000 population
1	Mombasa	1,208,333	275	22.8
2	Nairobi City	4,397,073	424	9.6
3	Kajiado	1,117,840	27	2.4
4	Mandera	867,457	18	2.1
5	Wajir	781,263	15	1.9
6	Laikipia	518,560	5	1.0
7	Migori	1,116,436	11	1.0
8	Kilifi	1,453,787	9	0.6
9	Taita/Taveta	340,671	2	0.6
10	Kiambu	2,417,735	14	0.6
11	Isiolo	268,002	1	0.4
12	Kitui	1,136,187	4	0.4
13	Kwale	866,820	3	0.3
14	Uasin Gishu	1,163,186	4	0.3
15	Busia	893,681	3	0.3
16	Machakos	1,421,932	3	0.2
17	Nakuru	2,162,202	4	0.2
18	Siaya	993,183	2	0.2
19	Homa Bay	1,131,950	2	0.2
20	Bomet	875,689	1	0.1
21	Kakamega	1,867,579	1	0.1
22	Bungoma	1,670,570	2	0.1
	<b>Kenya</b>	<b>47,564,300</b>	<b>830</b>	<b>1.7</b>



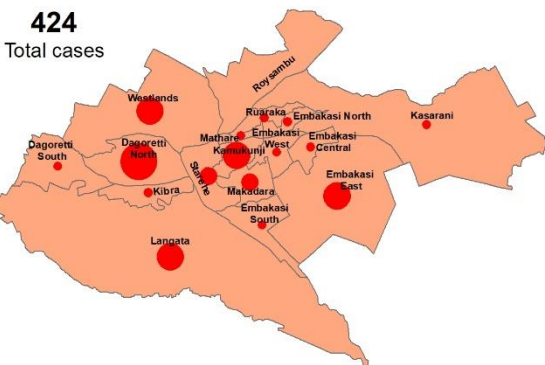
# 1.8 Map of Kenya Showing Distribution of Confirmed COVID-19 Cases by County

## COVID19 REPORTED CASES BY COUNTY

As of 16 May 2020



Nairobi at sub county level (i)



Mombasa sub county level (ii)

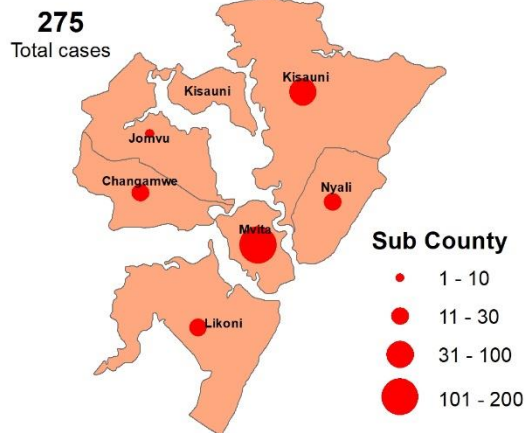


Figure 9: Distribution of confirmed COVID-19 cases by County



## **1.9 Contact Tracing**

### **1.9.1: Transmission chain**

Seven transmission chains have been established, six in Nairobi metropolis and one in Kilifi-Rabi-Mombasa (Annex 1)

### **1.9.2: Contact Follow-Up per Case Since Tested Positive**

Two thousand five hundred and twenty-eight contacts were registered for Cases 1-267, 89 (3.5 percent) of these contacts tested positive for COVID-19 while 2439 completed the 14 days follow and were discharged from follow up.

### **1.9.3 Status of Contract Tracing as at Today**

Of the 830 confirmed COVID-19 cases a total of 5,251 contacts have been listed, 156 contacts (3 percent) have tested positive for COVID-19 (Table 2). Of the 1542 contacts under follow up 1429 (93 percent) were followed up today. A total of 113 contacts were not reached today across the affected counties. Table 2 shows summary status of contact tracing as of today.

**Table 2: Status of Contract Tracing as at Today**

County	Number of Cases forwarded to contact tracing	Cases Pending contact listing	% of cases without contacts	Contacts identified	Contacts finished 14 days	Contacts on followup	Number Responded today	Response rate	Positive Contacts	% of positive contacts
Bungoma	2	-	-	12	0	12	10	83%	0	0%
Kajiado	27	6	22%	176	78	98	98	100%	2	1%
Kakamega	1	-	-	13	13	0	0	-	0	0%
Kiambu	12	1	8%	69	31	38	38	100%	4	6%
Kilifi	9	-	-	236	236	0	0	-	6	3%
Kitui	4	-	-	26	15	11	11	100%	2	8%
kwale	3	-	-	109	106	3	3	100%	0	0%
Mandera	14	-	-	157	95	62	58	94%	6	4%
Migori	10	-	-	96	0	96	96	100%	1	1%
Mombasa	269	70	26%	1421	614	807	727	90%	59	4%
Nairobi	394	72	18%	2307	2190	117	90	77%	76	3%
Nakuru	4	-	-	244	64	180	180	100%	0	0%
Siaya	2	-	-	82	82	0	0	-	0	0%
Uasin Gishu	2	-	-	42	36	6	6	100%	0	0%
Wajir	15	2	13%	39	19	20	20	100%	0	0%
Machakos	4	1	25%	25	0	25	25	100%	0	0%
Nairobi	1	-	-	0	0	0	0	-	0	-
Homabay	2	-	-	89	82	7	7	100%	0	0%
Busia	2	-	-	10	0	10	10	100%	0	0%
Isiolo	1	-	-	48	48	0	0	-	0	0%
Muranga	1	-	-	15	0	15	15	100%	0	0%
Bomet	2			35	0	35	35		0	0%
<b>Total</b>	<b>781</b>	<b>152</b>	<b>19%</b>	<b>5251</b>	<b>3709</b>	<b>1542</b>	<b>1429</b>	<b>93%</b>	<b>156</b>	<b>3%</b>

## 2. KEY ACTIONS

### 2.0 Coordination

- His Excellency the President addressed the nation and issued the following directives :
  - a) Cessation of movement of persons and any passenger ferrying automobiles and vehicles into and out of the territory of Republic of Kenya through the **Kenya-Tanzania** international border except for **cargo vehicles**, with effect from midnight today, **Saturday 16th, May 2020**.
  - b) That there shall be cessation of movement of persons and any passenger ferrying automobiles and vehicles into and out of the territory of the Republic of Kenya through the **Kenya-Somalia** international border except for cargo vehicles, with effect from midnight today, **Saturday 16th, May 2020**.
  - c) That all drivers of the cargo vehicles shall be subjected to mandatory COVID-19 disease testing and will only be granted entry into the territory of the Republic of Kenya if they test negative.
  - d) That the nationwide dusk-to-dawn curfew that is currently in force be extended for a further period of **21 days** up to and until the **6<sup>th</sup> June, 2020**.
  - e) That the cessation of movement into and out of the Nairobi Metropolitan Area and the Counties of Kilifi, Kwale, Mombasa and Mandera that is currently in force be extended up to and until the **6th June, 2020**.
- The National Emergency Response Committee continues to regularly meet.
- The Public Health Emergency Operations Centre Incident Management Team (IMT) and the WHO IMT both continue to regularly meet.
- The Wajir County COVID-19 coordination meeting took place today. There were several participants including Save the Children and Kenya Red Cross, and Concern International identified. It was resolved to scale down participants for the rest to join via virtual meetings in order to observe social distancing. Together the county health leadership reviewed the county emergency Covid-19 response plan to capture current situation

### 2.1 Case Management and Infection Prevention & Control

- Three hundred and one (301) cases have recovered and were discharged since the onset of this pandemic, while the rest are undergoing treatment.
- The following health facilities continue to provide isolation services for confirmed COVID-19 cases:
  - Nairobi: Kenyatta National Hospital, Mbagathi County Hospital, Nairobi Hospital, Aga Khan University Hospital, MP Shah Hospital, Avenue Hospital and Kenyatta University Teaching Referral and Research Hospital
  - Mombasa: Mombasa County Referral Hospital, Aga Khan Hospital, Pandya Hospital, Mombasa Hospital, Jocham Hospital, Mewa Hospital and Premier Hospital.
  - Nakuru : Nakuru County Referral Hospital
  - Mandera : Mandera County Referral Hospital
  - Siaya: Bondo County Referral Hospital
  - Kilifi: Kilifi Wananchi Hospital

- Homa Bay: Malela Isolation and Treatment Centre
- Kajiado : Ole Kasasi Health Cente, Kajiado County Referral Hospital
- Busia : Alupe Sub – County Hospital
- Bomet : Longisa Sub – County Hospital
- Machakos : Kathiani Level Hospital
- Migori : Nyatike Sub – County Referral Hospital (Macalder)
- Taita Taveta : Rekeke Healthcare
- Wajir : Wajir County Referral Hospital

## 2.2 Surveillance and Laboratory and Points of Entry

- The Kajiado rapid response and contact tracing teams bordering Tanzania trainings took off today with all the five sub-county teams represented. The County Director of Health, formally officiated the opening and also facilitating the training sessions. The county continues to register new cases.
- In Wajir County,
  - No testing was done today due to shortage of reagents- the laboratory has collected additional testing kits today from Nairobi NIC Lab and will resume testing tomorrow)
  - There has been reported incidents of insecurity at a border town (Khorof Harr) 200 kilometres from Wajir town, destroying communication mast and likely to affect cross border response activities.
  - Travelers continue to arrive from Somalia through porous borders but community is giving accurate information on new and expected arrivals to health and security authorities
- Targeted expanded mass testing is continuing in Nairobi and Mombasa Counties, among health care workers, truck drivers and other high-risk groups.
- In the last 24 hours, **2582** samples were tested across various laboratories of which **Forty-nine (49)** samples turned positive for COVID-19. A total of **41514** cumulative tests have so far been conducted.

## 2.3 Community engagement

- Joint WHO – MOH and Mombasa County Health teams made a field visit to observe community engagement activities organized by The United Front, a local organization. The organization does daily road shows with a van in the area. The social mobilization officer and a medical doctor answers various questions that were asked by the public: There is very little adherence to social distancing at the markets in Mombasa and Wajir. It was observed that many loaders had dirty masks and claimed that the nature of their work needs the use of many masks which they can't afford. There were no hand washing facilities at the market place and the public was not sure where to go for testing.

## 2.4 Risk Communication

- At the county and sub-county level, risk communication is done through intensive public awareness. MOH and WHO mission showed that
- **Interactive voice response (IVR)** The Safaricom supported system was manned by 50 dedicated agents. The IVR Hits was 22, 636 with 10, 604 users going through the complete menu interactions. IVR Calls were 2,343 and 2,218 answered. COVID 19 interactions. The members of the public who

accessed information through USSD \*719# was 136,000. Calls were transferred as follows: 75 calls were transferred to NASCOP and 7 calls to KRCS, of these 36 calls were captured as critical. Most callers were male 76 percent, most calls came from Nairobi, Kiambu and Nakuru among other counties. The main symptoms reported by callers were: Cough, fever, body aches and headache.

- **Mainstream media:** Public awareness on COVID-19 is ongoing through Television, Radio and print media. NACC supported spots in 5 TV stations and 10 selected Radio stations are to begin targeting vulnerable populations especially people with co-morbidities.

### 3. CHALLENGES

- Other competing emergencies concurrently in the country such as floods that have displaced over 31,000 populations in Western and Nyanza regions, locust infestation in the northern parts of the country, and other diseases outbreak such as cholera, leishmaniasis and measles.
- Limited capacity building particularly in case management; - only 60 health care workers were trained in Wajir Central - 5 out of the 6 sub-county Hospitals have not received training.
- Communities in lockdown areas in Mombasa are expressing their unwillingness to be tested for fear of being quarantined and its associated costs.
- The porous borders with neighbouring countries which have high burden of COVID-19 outbreaks. In Wajir and Migori counties, most of the imported COVID-19 cases have history of travel from Somalia or Tanzania, or are truck drivers who came from Tanzania.
- Commodities and supplies are quickly being depleted. Community Health Volunteers have not been given face masks in some counties
- Inadequate budgetary allocation for risk communication by the sub-county RRTs (Airtime from Safaricom was received but was not adequate for all the communication needs)
- Complacency is cropping up among the population.

### 4. NEXT STEPS

- Map out partners doing risk communication, social sensitization in the area and connect them to the county health promotion team for effective coordination and optimum use of resources
- Target the market population for mass testing since It's is a high-risk area
- Need to encourage social distancing and hand washing at the county level
- Continue the capacity building for healthcare workers at the sub – national level on COVID-19 in the five counties to be rolled out to the rest of the eighteen counties with MOH, WHO and ECHO support.
- Advocate for resources for the capacity building for the rest of 29 counties.
- Expand targeted testing: truck drivers, Hotspot, restaurants and eateries.
- Heighten surveillance especially at roadblocks.

## Emergency Operation Center:

Telephone: 0729 471 414, 0732 353 535, 0800 721316(Toll Free)

COVID-19 Call center: \*719# (short message only), 719 (Audio)

Email: [manager.eockenya@gmail.com](mailto:manager.eockenya@gmail.com)