

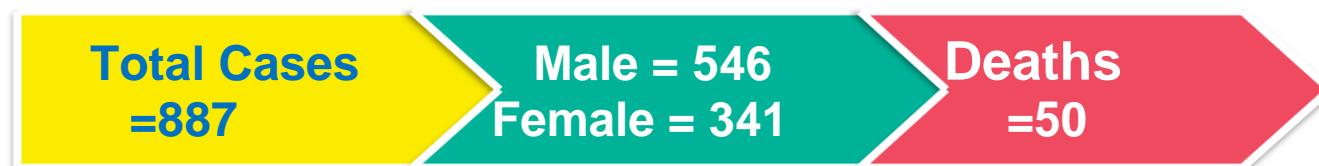


# COVID-19 OUTBREAK IN KENYA

## DAILY SITUATION REPORT - 61

### 1.0 KEY HIGHLIGHTS

1. **Fifty-seven (57)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **887 cases** as of 17 May. Fifty-four (54) of the cases are Kenyans of which three (3) have a travel history. Fifty-two (52) of the cases are local transmissions. Three (3) of the cases are non-Kenyans; Somalia (2) and Togolese (1). Counties reporting new cases are **Kajiado (3), Kitui (1), Kwale (1), Mombasa (35) and Nairobi (17)**.
2. Twelve (12) Tanzania truck drivers (11 at Lunga Lunga and 1 at Taita Taveta border point) tested positive
3. **No death has been reported over the last 24 hrs.** The total number of deaths reported since the beginning of the outbreak is **50, case fatality rate (CFR) is 6 percent**
4. Twelve (12) COVID-19 patients recovered and were discharged today bringing the total number of recoveries and discharges for COVID-19 to two hundred and thirty (313).
5. As of today, **twenty-one (21) out of 47 counties** have reported cases namely: Nairobi (446), Mombasa (310), Kajiado (30), Mandera (18), Wajir (15), Kiambu (14), Migori (11), Kilifi (9), Kitui (5), Kwale (4), Nakuru (4), Uasin Gishu (4), Busia (3), Machakos (3), Bungoma (2), Homa Bay (2), Siaya (2), Taita Taveta (2), Bomet (1), Isiolo (1), and Kakamega (1).
6. **Six hundred and eighty - 680 (77%) of the 887 confirmed cases** are local transmissions.
7. Of the 1,544 contacts under follow up **1,484 (90 percent) were followed up today**.
8. In the last 24 hours, **2198 samples** were tested across various laboratories of which **Fifty-seven (57) samples** turned positive for COVID-19. A total of **43712 cumulative tests** have so far been conducted
9. Training have been completed for Rapid Response Teams on contact tracing, rapid response and data management in Kajiado, Mandera and Turkana counties



## 1.1 Epidemiology

Since 13 March 2020 when the first case was confirmed in Kenya, a total of **887** confirmed cases have been line listed with **50 deaths**. Of these, 680 cases (77 percent) were local transmissions and 207 (23 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 919 samples per 1,000,000 people.

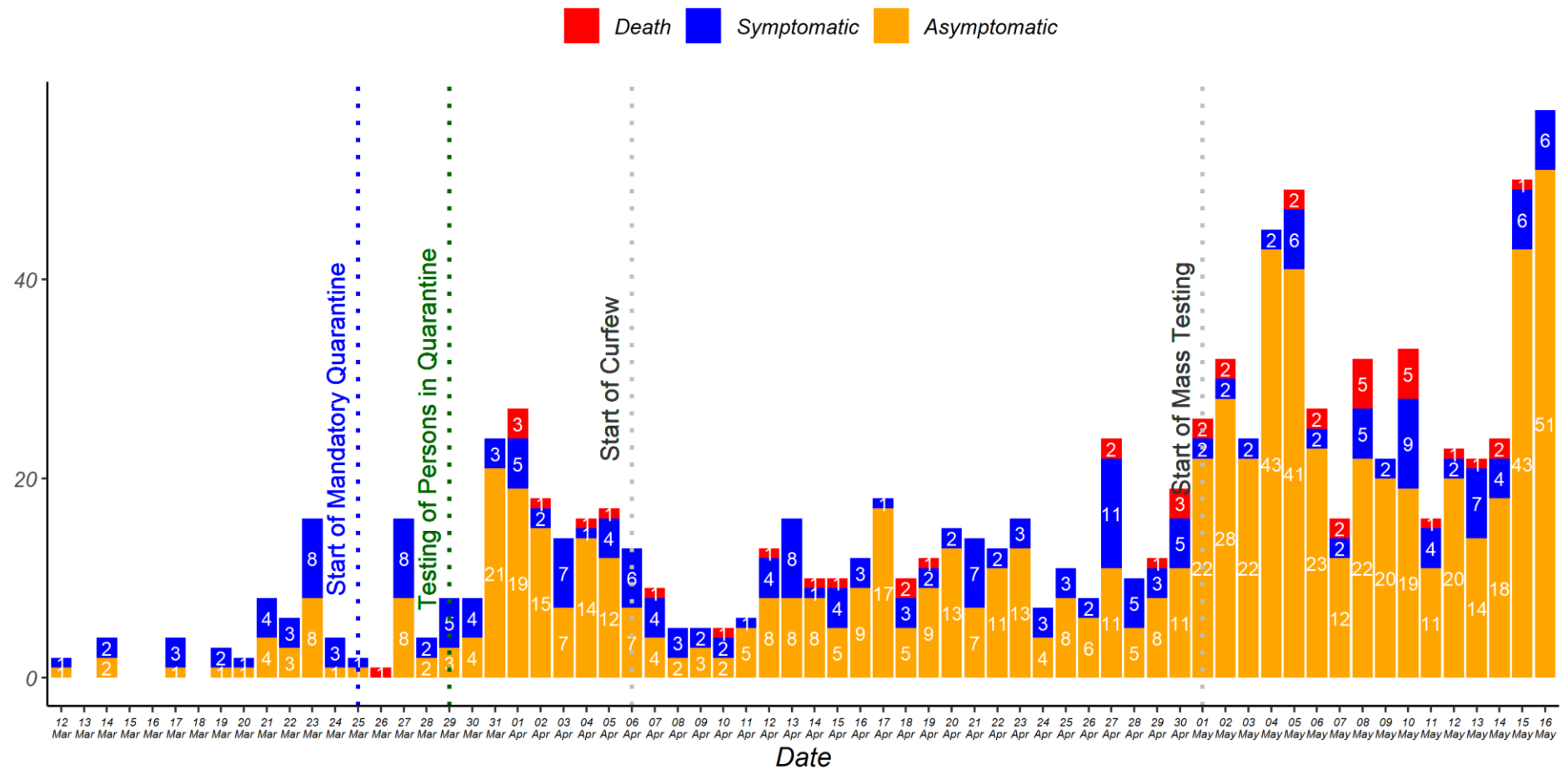
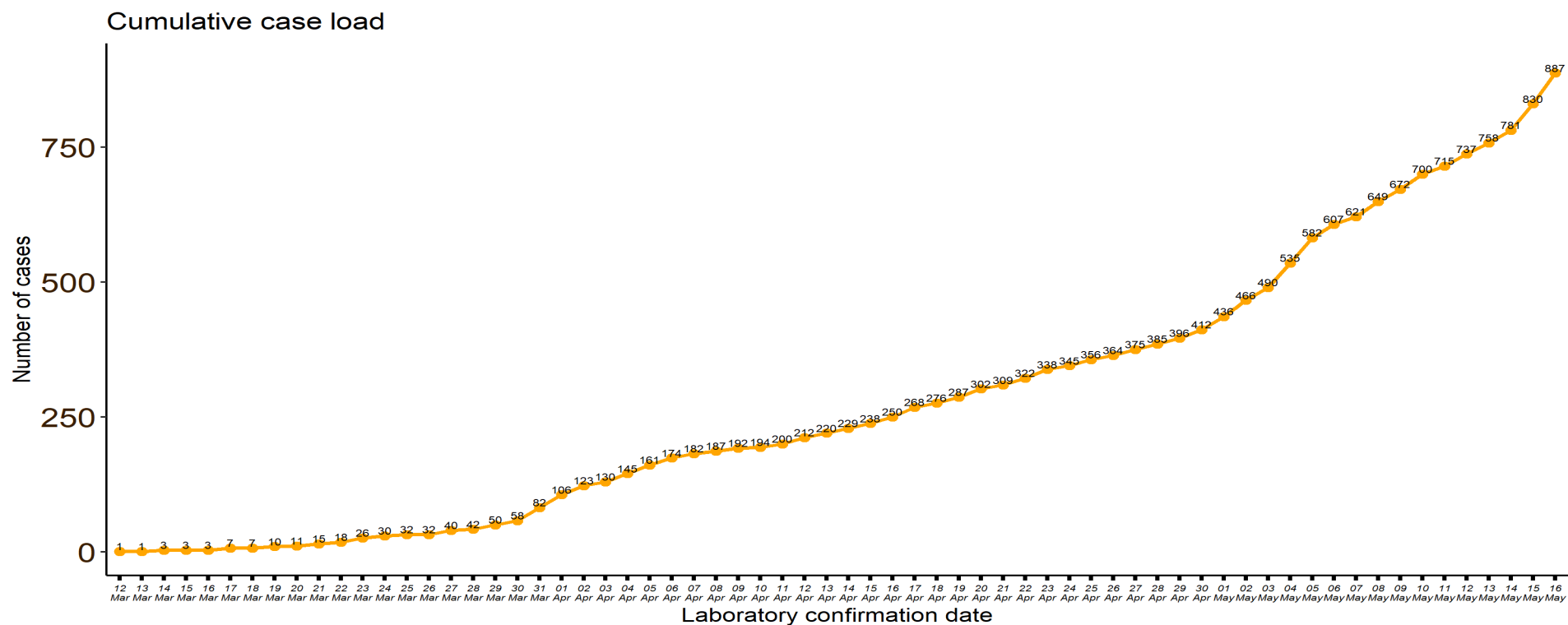


Figure 1: Trends of COVID-19 Outbreak Kenya

## 1.2 Cumulative Case



**Figure 2: Cumulative case load**

### 1.3 Laboratory testing

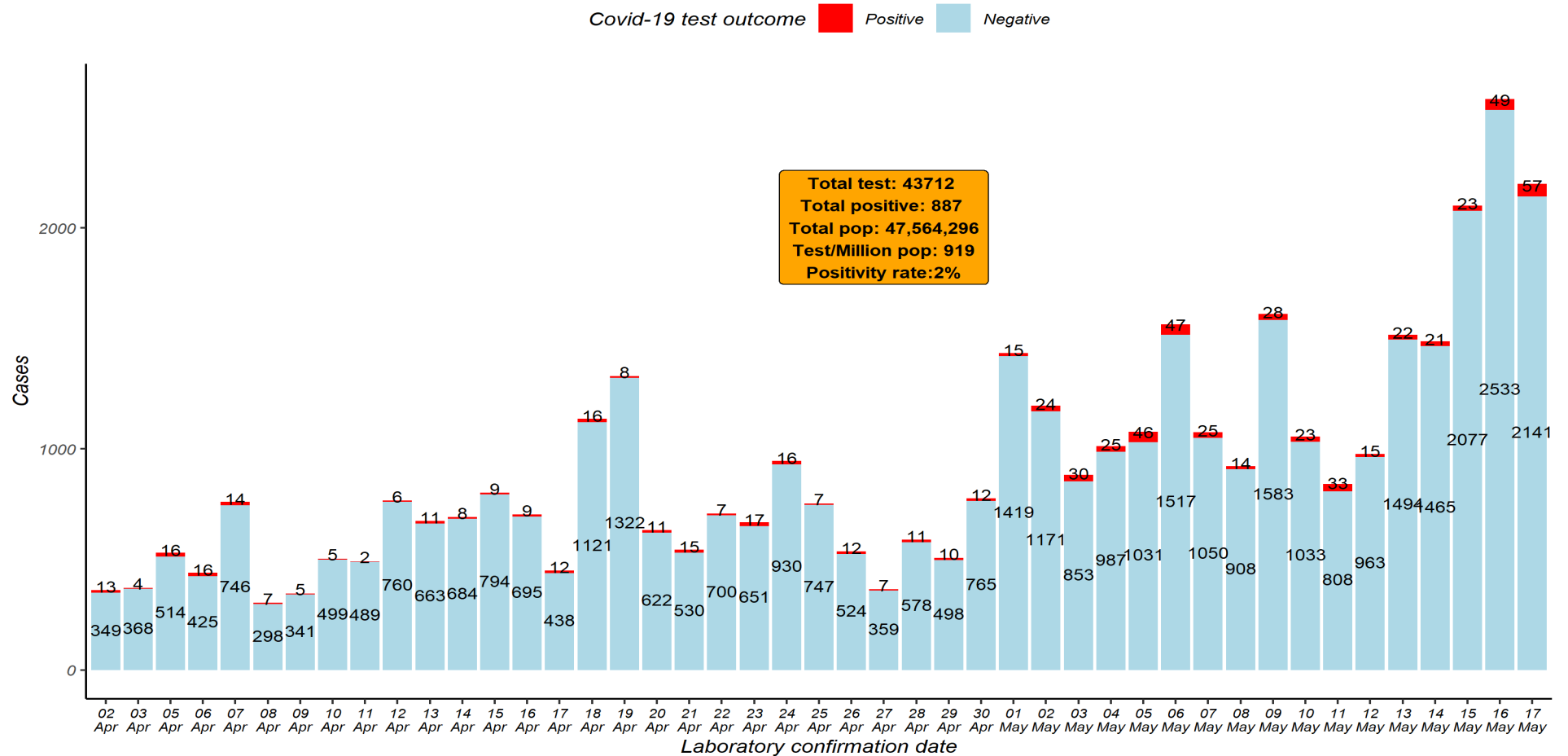


Figure 3: Laboratory Tests Conducted by Date Results were Shared

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

Of the **887** confirmed cases, 185(20.9%) presented with symptoms (Figure 4). Fever (58.4%) and Cough (53.5%) were predominant presenting symptoms (Figure 5).

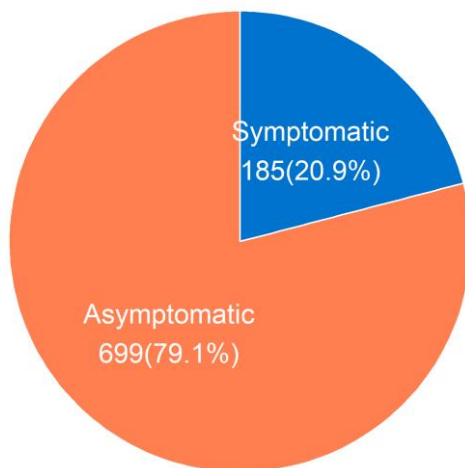


Figure 4: Distribution of Confirmed COVID-19 Cases by Presentation

## 1.5 Presenting Symptoms among Symptomatic COVID-19 Cases

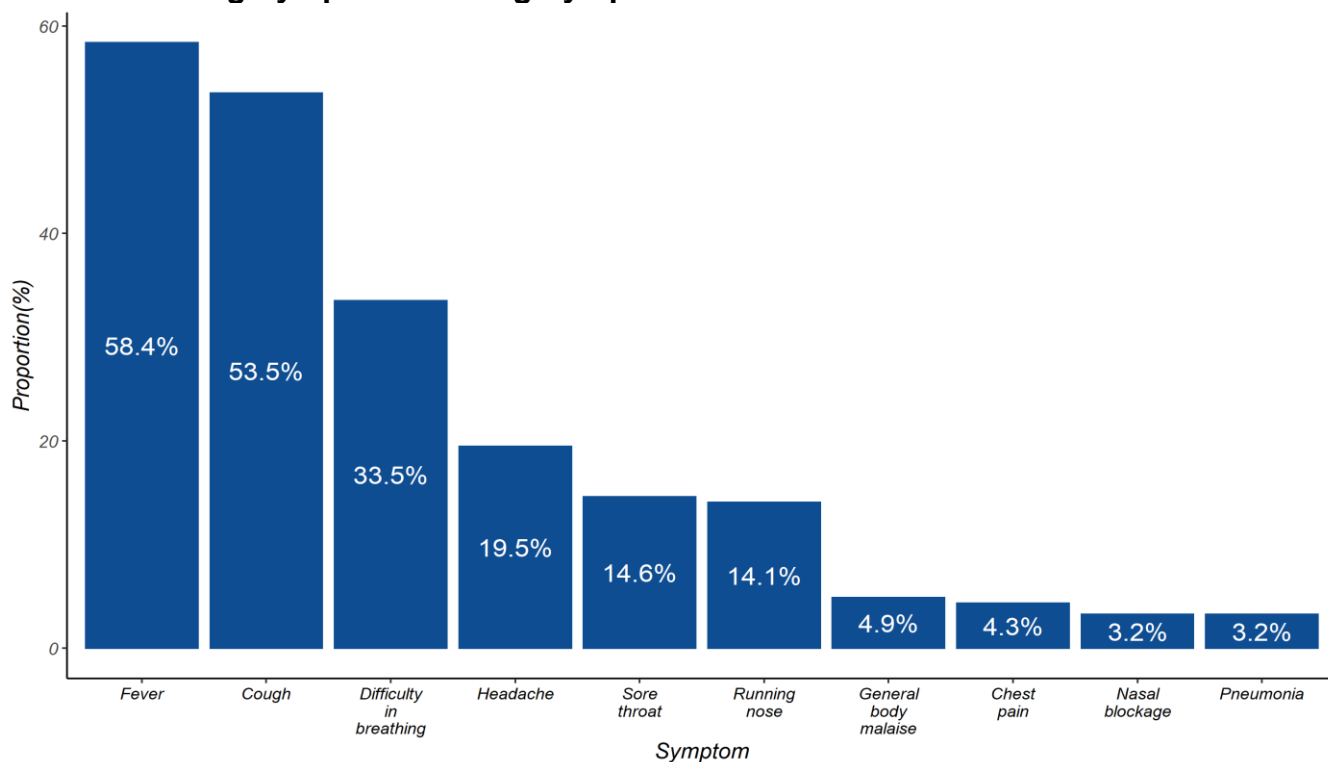


Figure 5: Distribution of Presenting Symptoms among Symptomatic COVID-19 Cases

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

Five hundred and forty-six (61.6 percent) are males and 341 (38.4 percent) are females. Most of the cases; 246 (27.8 percent), are in the age group of 30-39 years. Figure 6 below shows age and sex distribution of COVID-19 cases. Fifty deaths have been reported so far, a majority, 75 percent being males.

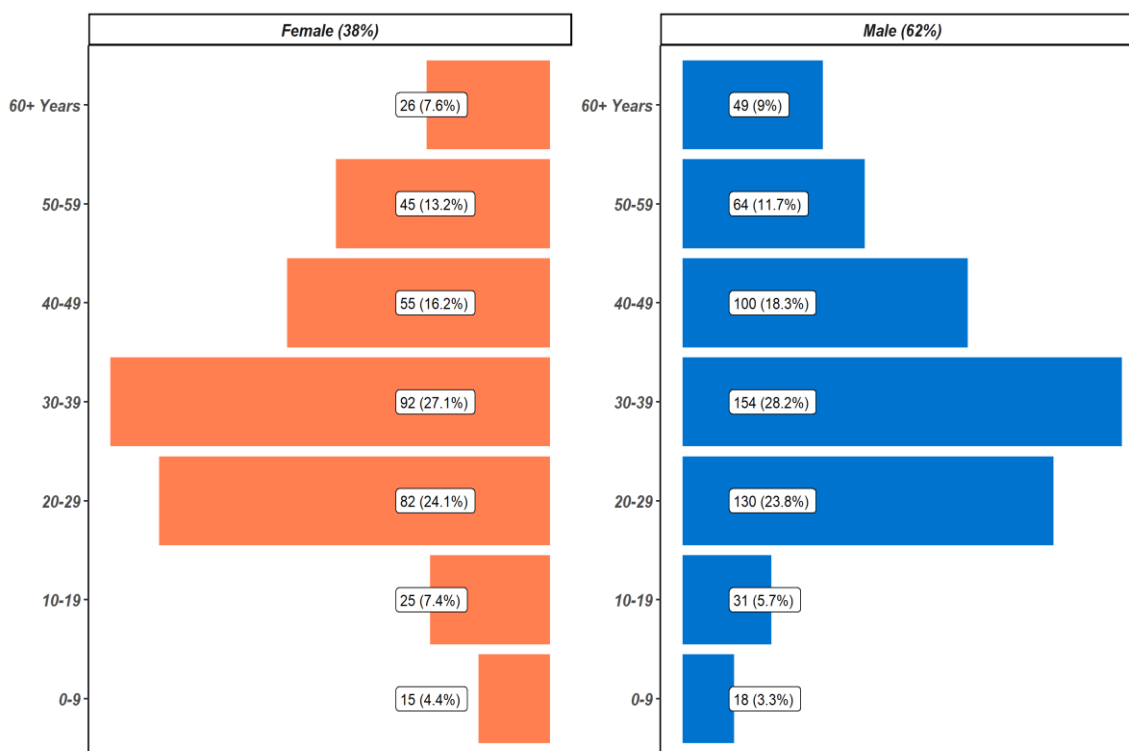
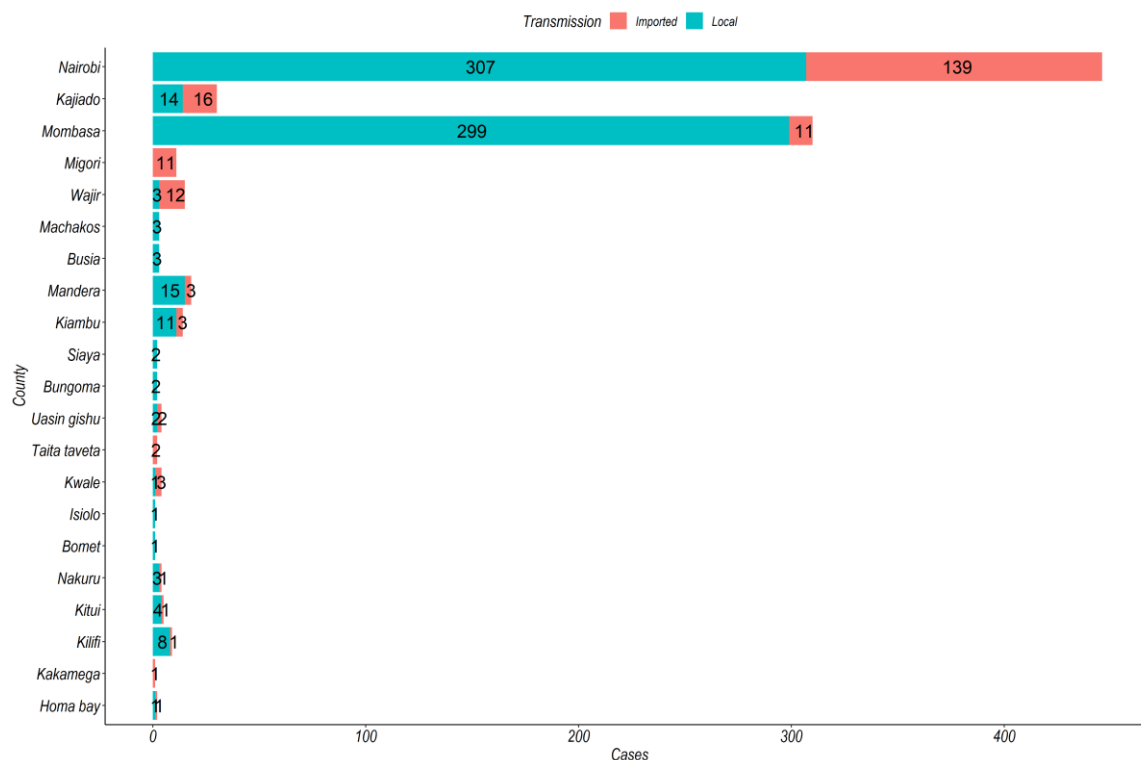


Figure 6: Age and Sex Distribution of COVID-19 Cases Kenya

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

Of the **887** cases, 446 (50 percent) are from Nairobi County followed by Mombasa County with 310 (35 percent) as shown in Figure 8. Mombasa County has the highest attack rate of 25.7 per 100,000 population followed by Nairobi City County at 10.1 per 100,000 population (Table 1).

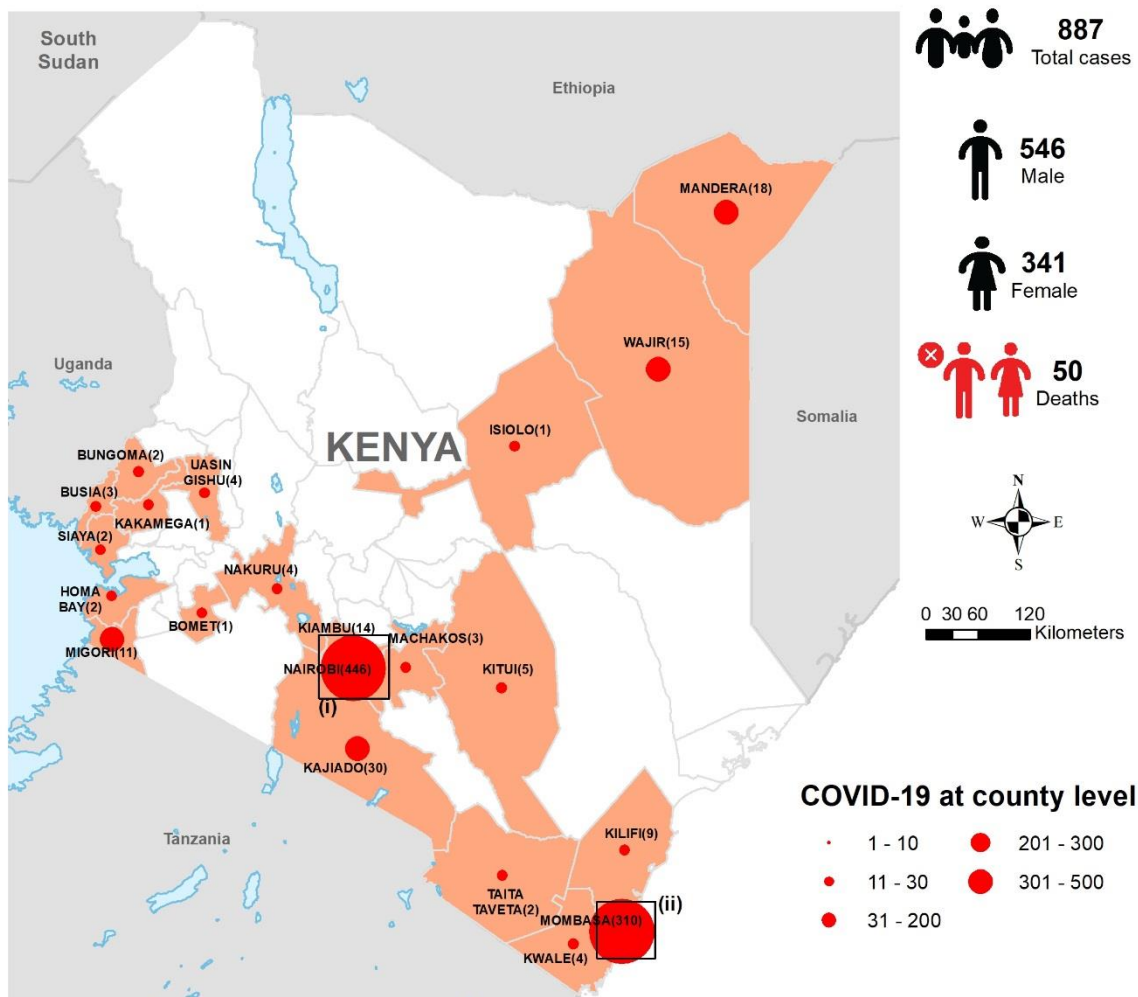


**Figure 8: Distribution of confirmed COVID-19 Cases by County and transmission classification**

**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	310	25.7
2	Nairobi City	4,397,073	446	10.1
3	Kajiado	1,117,840	30	2.7
4	Mandera	867,457	18	2.1
5	Wajir	781,263	15	1.9
6	Migori	1,116,436	11	1.0
7	Kilifi	1,453,787	9	0.6
8	Taita/Taveta	340,671	2	0.6
9	Kiambu	2,417,735	14	0.6
10	Kwale	866,820	4	0.5
11	Isiolo	268,002	1	0.4
12	Kitui	1,136,187	5	0.4
13	Uasin Gishu	1,163,186	4	0.3
14	Busia	893,681	3	0.3
15	Machakos	1,421,932	3	0.2
16	Nakuru	2,162,202	4	0.2
17	Siaya	993,183	2	0.2
18	Homa Bay	1,131,950	2	0.2
19	Bomet	875,689	1	0.1
20	Kakamega	1,867,579	1	0.1
21	Bungoma	1,670,570	2	0.1
	<b>Kenya</b>	<b>47,564,300</b>	<b>887</b>	<b>1.9</b>

As of 17 May 2020



**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 887 confirmed COVID-19 cases a total of 5,322 contacts have been listed, 157 contacts (3%) have tested positive for COVID-19 (Table 2). Of the 1,544 contacts under follow up 1,484 (90 percent) were followed up today. A total of 60 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	13	-	-	86	31	55	55	100%	5	6%
Kilifi	10	1	10%	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	18	-	-	176	95	81	77	95%	6	3%
Migori	11	-	-	108	0	108	108	100%	1	1%
Mombasa	277	76	27%	1435	668	767	739	96%	59	4%
Nairobi	424	95	22%	2316	2196	120	94	78%	76	3%
Nakuru	5	1	20%	244	64	180	180	100%	0	0%
Siaya	2	-	-	82	82	0	0	-	0	0%
Uasin Gishu	3	1	33%	42	36	6	6	100%	0	0%
Wajir	15	2	13%	39	28	11	11	100%	0	0%
Machakos	4	1	25%	25	0	25	25	100%	0	0%
Homabay	2	-	-	89	82	7	7	100%	0	0%
Busia	3	1	33%	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	100%	0	0%
Taita Taveta	2	2		0	0	0	0		0	-
<b>Total</b>	<b>830</b>	<b>186</b>	<b>22%</b>	<b>5322</b>	<b>3778</b>	<b>1544</b>	<b>1484</b>	<b>96%</b>	<b>157</b>	<b>3%</b>

## 2.0 KEY ACTIONS

### 2.1 Coordination

- The implementation of the Presidents directives yesterday begun to day by the counties. The President addressed the nation on **Saturday 16th, May 2020** and issued the following directive:
  1. 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**.
  2. 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**.
  3. 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.
  4. 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**.
  5. 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 met today.
- The Mombasa County Health team and WHO today linked up with the UN humanitarian regional hub in Mombasa. The hub brings together several national and International organizations working in the county. The County Health team Continue mapping out various players including community-based organization. The county health team also reviewed the Mombasa County Risk Communication plans and budget to be submitted to the authorities in Mombasa and Nairobi.

### 2.2 Case Management and Infection Prevention & Control

- Twelve (12) COVID-19 patients were discharged today bringing the total number of recoveries and discharges for COVID-19 to three hundred and thirteen (313)
- 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 Centre, 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

### 2.3 Surveillance and laboratory and point of Entry

- Contacts tracing for the commercial motor riders is becoming difficult. Some of them cannot be found when traced as they go into hiding. The County Health team is recommending targeted mass testing for them in the three areas where the cases used to escape. After a WHO and county health team meeting with the commercial motor riders today, unfortunately no one was willing to have their samples collected. The teams are now exploring ways to have the teams agree to have the tests done in all the centers.
- A suspected Covid-19 death of a patient who was attended at a private clinic in Mariakani in the county was fumigated and closed. For the 12 health care workers working in the facility samples have been taken and they have all been moved to quarantine facilities. Contact tracing is ongoing to trace the contacts of the health care workers and their patients. The contact tracing will continue tomorrow. Further tracing of the people who did the washing of the dead body in line with Muslim culture and those who conducted burial and participated.
- The 3-day training for the Kajiado Sub-county bordering Tanzania RRTs/CTTs ended today. The last day's sessions focused on contact tracing and data management, and allowed the participating teams to explore the digital health solutions to help strengthen and enhance the county's capacities in responding to the COVID-19 pandemic. At the end of the workshop, the teams were pointed to some of the key highlights for implementation to enhance coordination with the national level including data analysis and management. The participants expressed satisfaction with the training and promised to implement what they have learnt and to improve their response strategies. The facilitators came from MOH, WHO and was funded by ECHO
- Targeted expanded mass testing is continuing in Nairobi and Mombasa and among health care workers, truck drivers and other high-risk group identified for testing.
- In the last 24 hours, **2198** samples were tested across various laboratories of which **Fifty-seven (57)** samples turned positive for COVID-19. A total of **43712** cumulative tests have so far been conducted.

### 2.4 Risk Communication

- At the county and sub-county level, risk communication continued through intensive public awareness.

### 3.0 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.
- Communities in lockdown areas in Mombasa are expressing their unwillingness to be tested for fear of being quarantined and its associated costs. Similarly, commercial motor riders are unwilling to be tested.
- 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.

### 4.0 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 and commercial motor riders for mass testing in Kilifi county.
- Need to encourage social distancing and hand washing at the county level in all counties
- 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.

#### Emergency Operation Center:

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