



# COVID-19 OUTBREAK IN KENYA

## DAILY SITUATION REPORT - 90

### 1.0 KEY HIGHLIGHTS

1. **One hundred and thirty-three (133)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **3,727 cases** as of 15 June. All cases are Kenyan. All cases are local transmission. Counties reporting new cases are **Mombasa (61), Nairobi (53), Kilifi (7), Busia (6), Kiambu (2), Kajiado (1), Kitui (1), Murang'a (1) and Nakuru (1)**.
2. **One (1) death has been reported over the last 24 hours.** The total number of deaths reported since the beginning of the outbreak is **104, case fatality rate (CFR) is 2.8 percent**.
3. In the last 24 hours, **thirty-three (33)** COVID-19 patients recovered and were discharged bringing the total number of recoveries and discharges for COVID-19 to **one thousand two hundred and eight-six (1,286)**.
4. As of today, **thirty-nine (39) out of 47 counties** have reported cases namely: Nairobi (1693), Mombasa (1098), Busia (318), Kajiado (122), Kiambu (107), Uasin Gishu (61), Migori (43), Kilifi (41), Kwale (35), Taita Taveta (21), Machakos (20), Mandera (18), Kisumu (17), Garissa (16), Wajir (16), Turkana (15), Nakuru (14), Siaya (12), Kitui (11), Nyeri (9), Bungoma (6), Murang'a (6), Isiolo (4), Homa Bay (3), Makueni (3), Kakamega (2), Kisii (2), Laikipia (2), Meru (2), Bomet (1), Elgeyo Marakwet (1), Embu (1), Kericho (1), Kirinyaga (1), Marsabit (1), Nandi (1), Narok (1), Nyamira (1), and Trans Nzoia (1).
5. **Mombasa and Nairobi City** Counties have the highest attack rates of COVID-19 at **90.9** and **38.5** per **100,000** populations respectively when compared to **7.8 per 100,000** for the whole country and need enhanced interventions. In addition, the COVID-19 outbreak has so far spread to **83 percent** of the counties in the country. **Risk communication, laboratory testing and operational support to the sub – national level** have been identified as key challenges.
6. **Three thousand three hundred and sixty-five (90 percent) of the 3727 confirmed cases** are local transmissions.
7. Of the 2,213 contacts under follow-up 2,126 (96 percent) were followed up today.
8. In the last 24 hours, **3,365 samples** were tested across various laboratories of which **133 samples** turned positive for COVID-19. A total of **118,701 cumulative tests** have so far been conducted.

**Total Cases  
=3727**

**Male = 2562  
Female = 1165**

**Deaths  
=104**

## 1.1 Epidemiology

Since 13 March 2020 when the first case was confirmed in Kenya, a total of **3727** confirmed cases and **104** have died giving a case fatality rate of **2.8 percent** have been line listed. Of these, 3365 cases (90 percent) were local transmissions and 362 (10 percent) are imported cases. The Figure 1 below shows trends of cases. 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 2496 samples per 1,000,000 people.

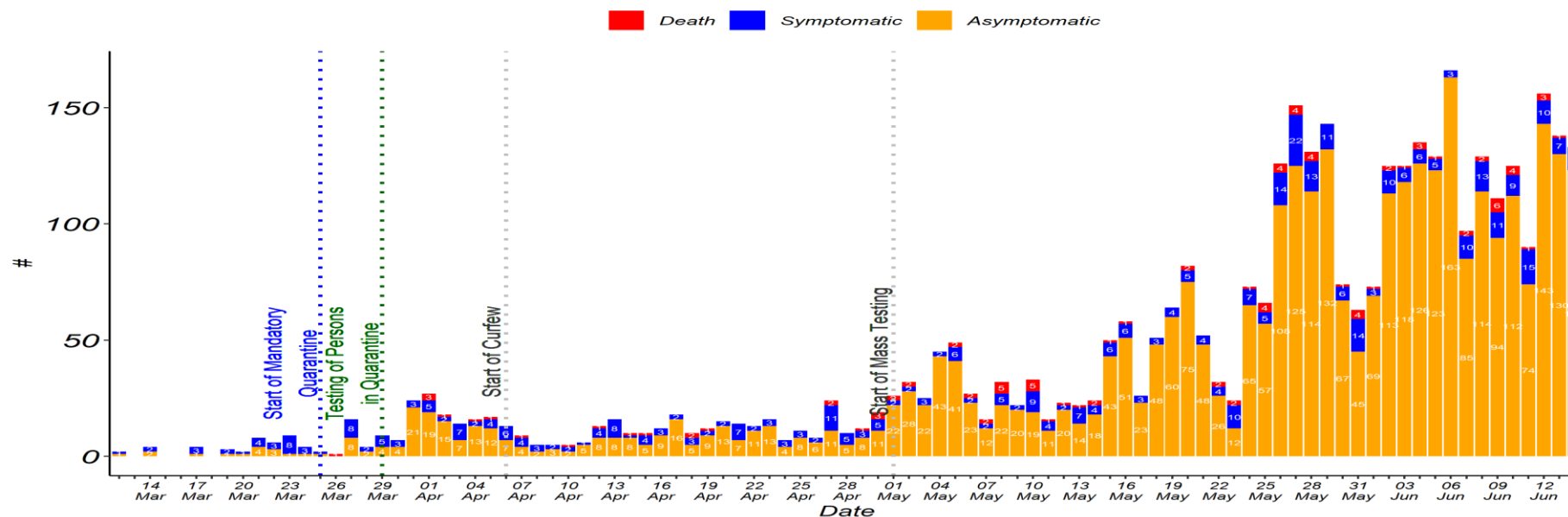
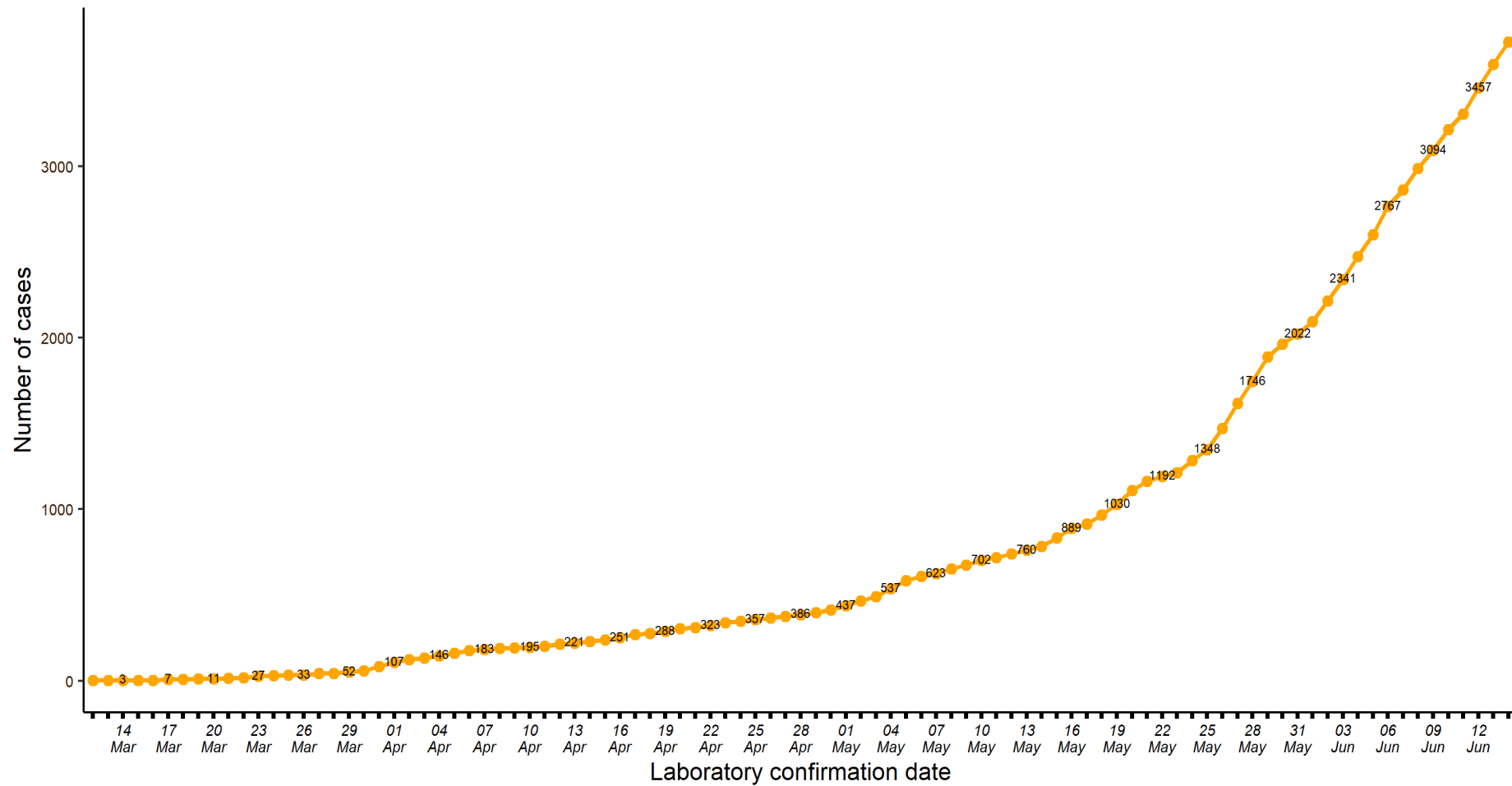


Figure 1: Trends of COVID-19 Outbreak Kenya

## 1.2 Cumulative Cases



**Figure 2: Cumulative case load**

## 1.3 Laboratory Testing

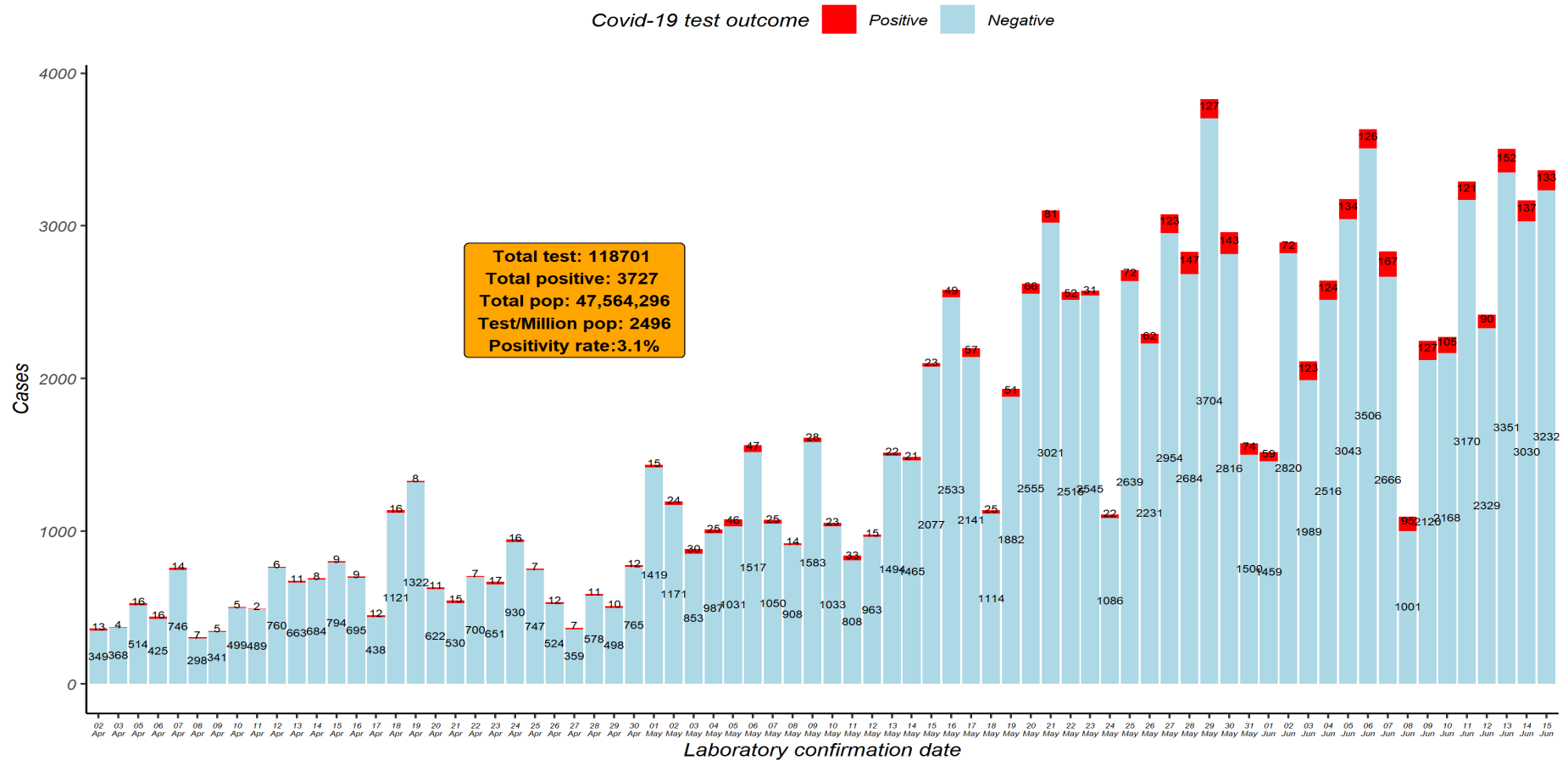
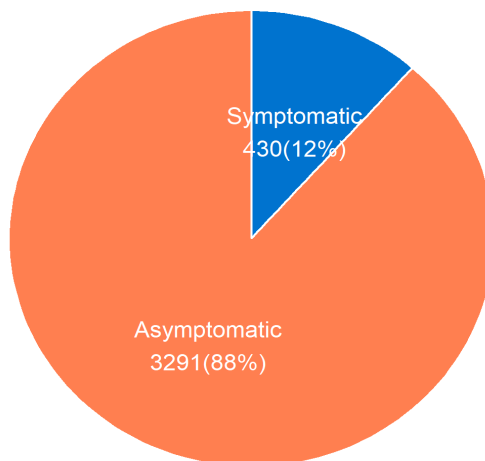


Figure 3: Laboratory Tests Conducted by Date Results were Shared

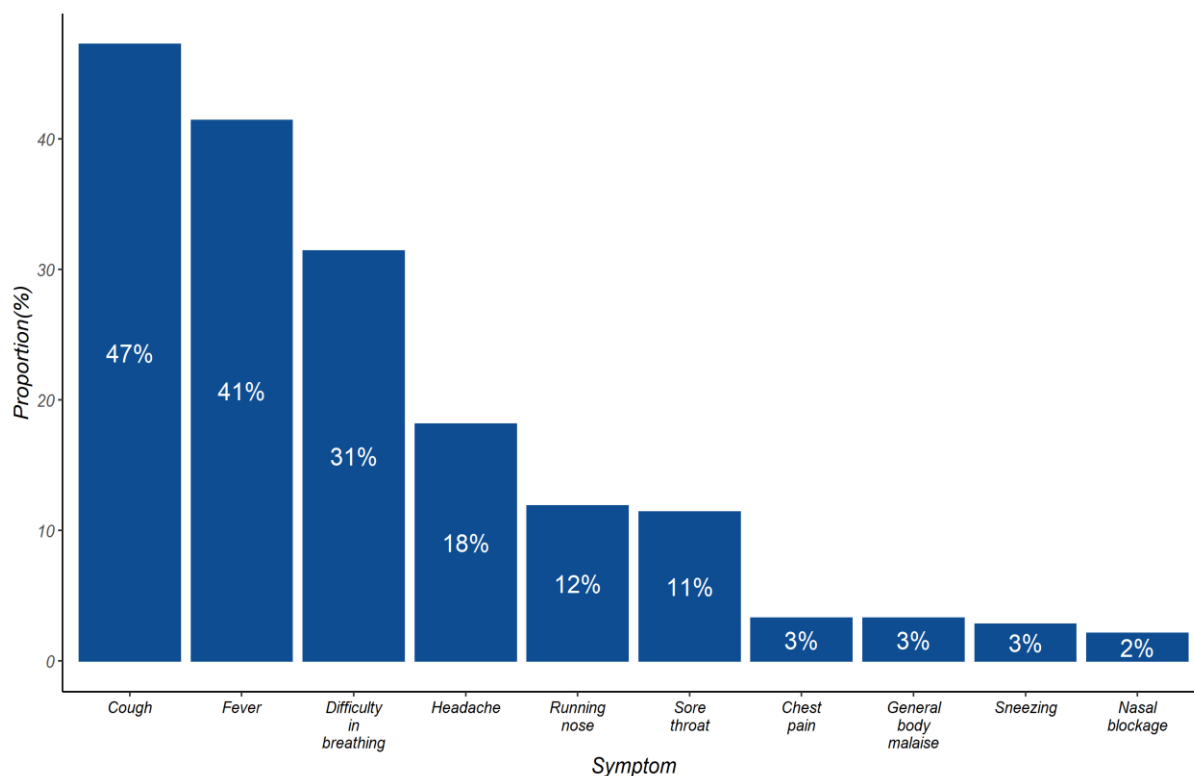
## 1.4 Distribution of Confirmed COVID-19 Cases by Presentation

Of the **3727** confirmed cases, 430 (12 percent) presented with symptoms (Figure 4). Cough (47 percent) and fever (41 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

Two thousand five hundred and sixty-two (69 percent) are males and 1165 (31 percent) are females. Majority of the cases; 1196 (32 percent), are in the age group of 30-39 years. Figure 6 below shows age and sex distribution of COVID-19 cases. One hundred and four (104) deaths have been reported so far, 75 (72 percent) being males and 29 (28 percent) were females (Figure 7).

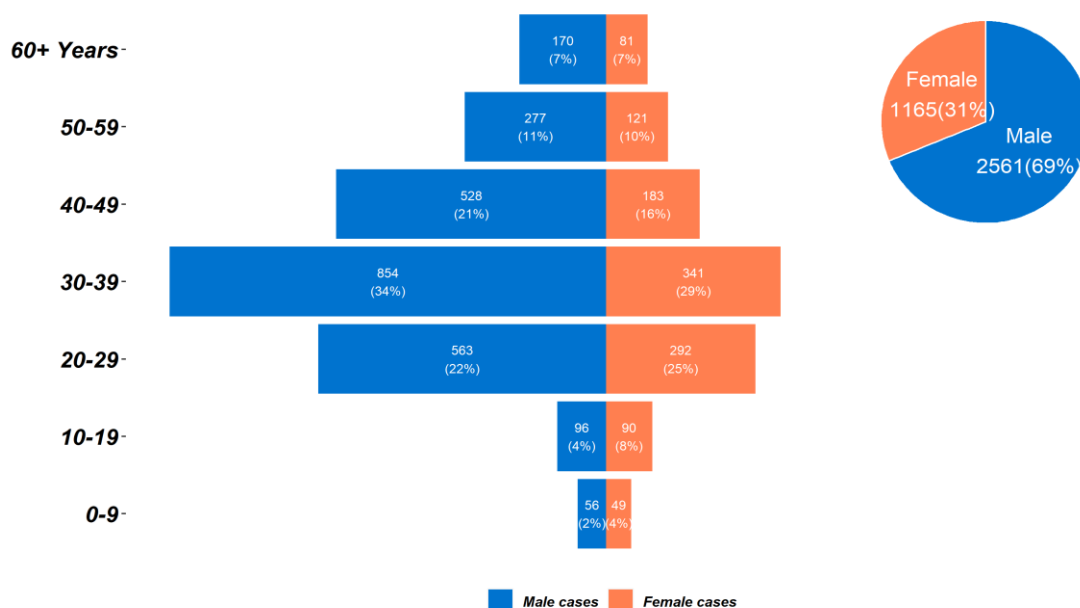


Figure 6: Age and Sex Distribution of COVID-19 Cases Kenya

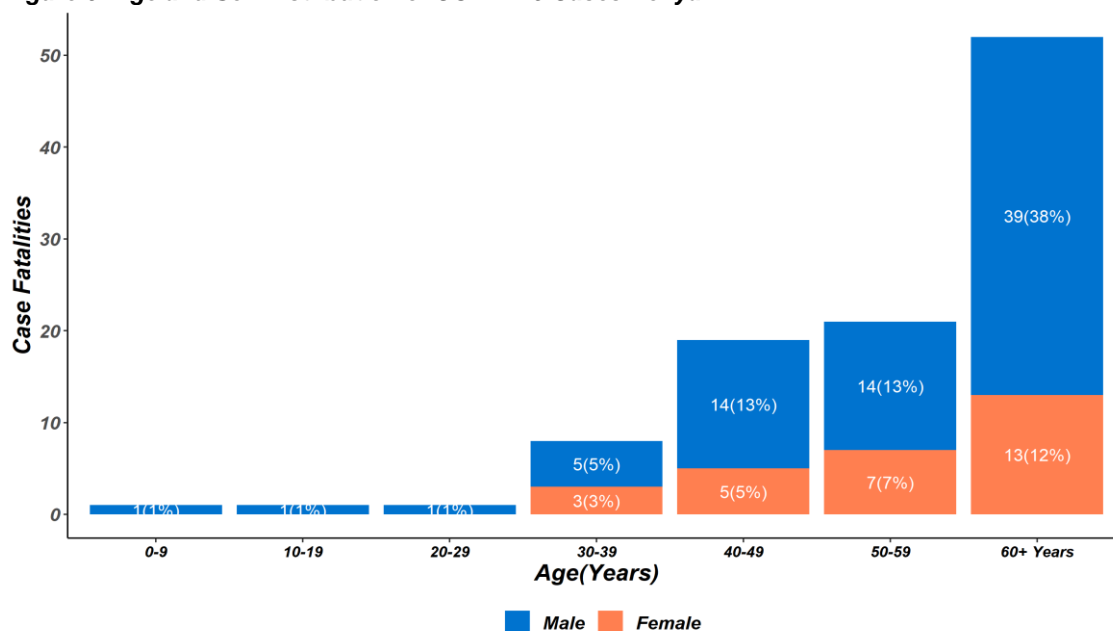
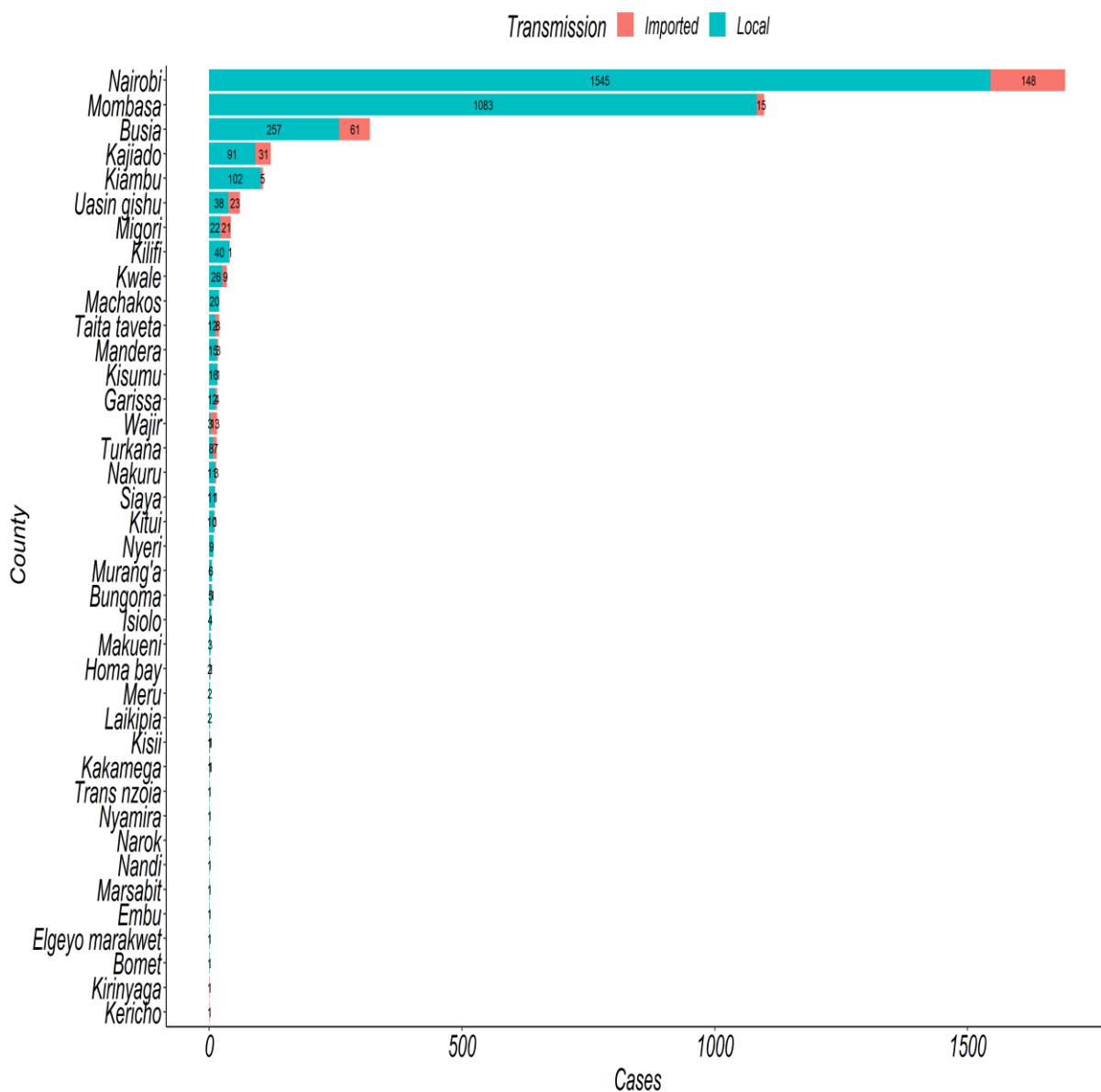


Figure 7: Distribution of Case Fatalities by Age and Sex

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

Of the **3727** cases, 1693 (45 percent) are from Nairobi County followed by Mombasa County with 1098 (29 percent) as shown in Figure 8. Mombasa County has the highest attack rate of 90.9 per 100,000 population followed by Nairobi City County at 38.5 per 100,000 populations (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	1098	90.9
2	Nairobi City	4,397,073	1693	38.5
3	Busia	893,681	318	35.6
4	Kajiado	1,117,840	122	10.9
5	Taita/Taveta	340,671	21	6.2
6	Uasin Gishu	1,163,186	61	5.2
7	Kiambu	2,417,735	107	4.4
8	Kwale	866,820	35	4.0
9	Migori	1,116,436	43	3.9
10	Kilifi	1,453,787	41	2.8
11	Mandera	867,457	18	2.1
12	Wajir	781,263	16	2.0
13	Garissa	841,353	16	1.9
14	Turkana	926,976	15	1.6
15	Isiolo	268,002	4	1.5
16	Kisumu	1,155,574	17	1.5
17	Machakos	1,421,932	20	1.4
18	Nyeri	759,164	9	1.2
19	Siaya	993,183	12	1.2
20	Kitui	1,136,187	11	1.0
21	Murang'a	1,056,640	6	0.6
22	Nakuru	2,162,202	14	0.6
23	Laikipia	518,560	2	0.4
24	Bungoma	1,670,570	6	0.4
25	Makueni	987,653	3	0.3
26	Homa Bay	1,131,950	3	0.3
27	Marsabit	459,785	1	0.2
28	Embu	608,599	1	0.2
29	Kirinyaga	610,411	1	0.2
30	Elgeyo/Marakwet	454,480	1	0.2
31	Kisii	1,266,860	2	0.2
32	Nyamira	605,576	1	0.2
33	Meru	1,545,714	2	0.1
34	Trans Nzoia	990,341	1	0.1
35	Nandi	885,711	1	0.1
36	Narok	1,157,873	1	0.1
37	Kericho	901,777	1	0.1
38	Bomet	875,689	1	0.1
39	Kakamega	1,867,579	2	0.1
	<b>Kenya</b>	<b>47,564,300</b>	<b>3727</b>	<b>7.8</b>



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

### COVID19 REPORTED CASES BY COUNTY

As of 15 June 2020

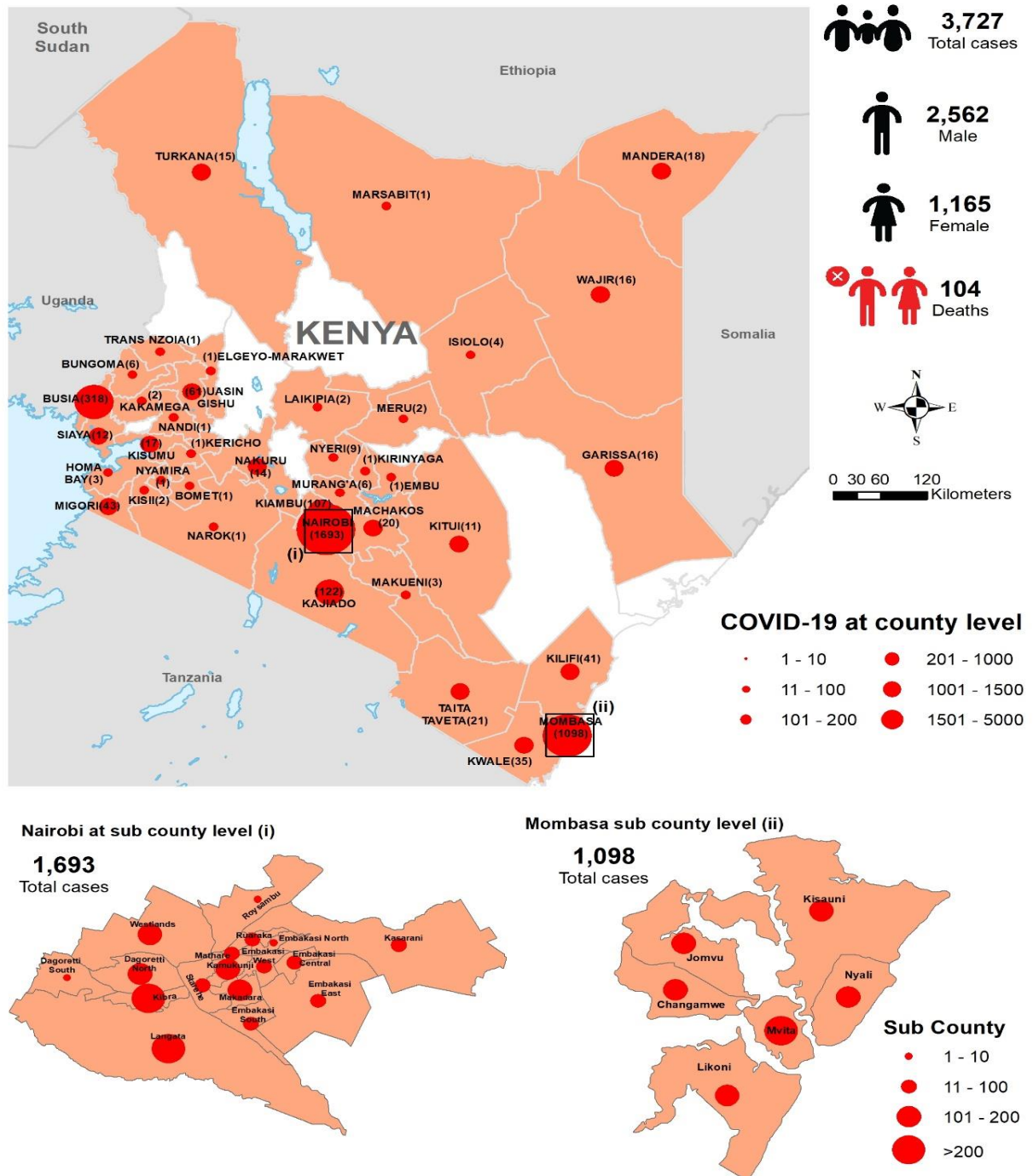


Figure 9: Distribution of confirmed COVID-19 cases by County



## 1.9 Status of Contract Tracing as at Today

Of the 3727 confirmed COVID-19 cases a total of 8,401 contacts have been listed, 350 contacts (4.2 percent) have tested positive for COVID-19 (Table 2). Of the 2,213 contacts under follow up 2,126 (96 percent) were followed up today. A total of 87 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 follow up	Number Responded today	Response rate	Positive Contacts
Bomet	2	-	-	35	35	0	0	-	3
Bungoma	6	4	67%	12	12	0	0	-	1
Busia	312	290	93%	18	14	4	5	125%	0
Elgeyo Marakwet	1	-	-	0	0	0	0	-	0
Embu	1	-	-	30	0	30	30	100%	0
Garissa	16	4	25%	94	16	78	78	100%	3
Homa Bay	4	1	25%	93	89	4	0	0%	0
Isiolo	4	-	-	105	55	50	48	96%	1
Kajiado	120	27	23%	570	359	211	205	97%	8
Kakamega	2	1	50%	13	13	0	0	-	0
Kericho	2	1	50%	1	0	1	1	100%	0
Kiambu	105	57	54%	347	135	212	199	94%	10
Kilifi	35	17	49%	322	265	57	55	96%	9
Kirinyaga	1	-	-	0	0	0	0	-	0
Kisii	2	-	-	50	1	49	49	100%	1
Kisumu	17	14	82%	5	0	5	5	100%	0
Kitui	10	1	10%	71	54	17	17	100%	6

County	Number of Cases forwarded to contact tracing	Cases Pending contact listing	% of cases without contacts	Contacts identified	Contacts finished 14 days	Contacts on follow up	Number Responded today	Response rate	Positive Contacts
kwale	35	27	77%	124	119	5	5	100%	0
Laikipia	2	1	50%	26	0	26	26	100%	0
Machakos	21	16	76%	25	25	0	0	-	0
Makueni	3	1	33%	15	0	15	15	100%	2
Mandera	18	-	-	176	176	0	0	-	6
Marsabit	1	1	100%	11	0	11	11	100%	0
Meru	3	1	33%	63	29	34	34	100%	0
Migori	42	25	60%	153	140	13	46	354%	1
Mombasa	1038	627	60%	2136	1727	409	395	97%	127
Murang'a	6	2	33%	46	15	31	31	100%	0
Nairobi	1632	831	51%	3082	2413	669	583	87%	159
Nakuru	15	2	13%	310	275	35	35	100%	0
Narok	1	1	100%	0	0	0	0	-	0
Nyamira	1	3	300%	0	0	0	0	-	4
Nyeri	9	2	22%	81	0	81	81	100%	0
Siaya	12	7	58%	82	82	0	0	-	0
Taita Taveta	21	-	-	48	0	48	48	100%	0
Trans Nzoia	1	13		10	0	10	10	100%	0
Turkana	16	42		59	0	59	59		3
Uasin Gishu	61	2		109	60	49	49		3
Wajir	16			79	79	0	6		3
<b>Total</b>	<b>3594</b>	<b>2021</b>	<b>56%</b>	<b>8401</b>	<b>6188</b>	<b>2213</b>	<b>2126</b>	<b>96%</b>	<b>350</b>

## 2.0 KEY ACTIONS

### 2.1 Coordination

- Regular coordination meetings ongoing

### 2.2 Case Management and Infection Prevention & Control

- In the last 24 hours, thirty-three (33) COVID-19 patients recovered and were discharged bringing the total number of recoveries and discharges for COVID-19 to one thousand two hundred and eight-six (1286).
- Planning meeting with IPC subcommittee was held to discuss the schedules for the implementation of IPC training in 6 counties under WHO support, i.e. (Nairobi, Mombasa, Kilifi, Kajiado, Migori and Busia).
- The Ministry of health has rolled out Home based isolation with adherence to set guidelines

### 2.3 Surveillance, Laboratory and Points of Entry

- In the last 24 hours, 3365 samples were tested across various laboratories of which 133 samples turned positive for COVID-19. A total of 118701 cumulative tests have so far been conducted.
- In Mombasa, WHO field officer had a brief meeting with RRT team (community strategy focal person, CDSC, SCDC) in Kisauni/Nyali and provided technical assistance in updating both line-list excel and KenyaEMR system.

### 2.4 Risk Communication

- **Bulky messaging: Interactive voice response (IVR)** The Safaricom supported system was manned by 50 dedicated agents. The IVR Hits was 29,021 with 13,666 users going through the complete menu interactions. IVR Calls were 3,075 and 3,048 answered. COVID 19 interactions. The members of the public who accessed information through USSD \*719# was 178,000. 45 Calls were captured as critical. The calls were transferred as follows: 211 calls were transferred to NASCOP and 26 calls to KRCS, most callers were males 63 percent, most calls came from Nairobi, Mombasa, Kajiado and Kiambu among other counties. The main symptoms reported by callers were: difficulty in breathing, cough, headache and fever. The Ministry and Safaricom team overseeing the call center had a fruitful weekly zoom meeting to review performance of the call center
- **Digital media:** The team were pushing messages to remind the members of the public on the importance of Handwashing as a key message to control COVID 19.

- **Main stream media:** Public awareness on COVID-19 is ongoing through Television, Radio and print media.

### 3.0 KEY CHALLENGES

- Commodity insecurity of (i) personal protective equipment at the sub – national level and laboratory reagents as experienced by shortage of reagents for the Cobas® machine in Coast General Hospital molecular laboratory.
- Sub – optimal operational support for the sub – county teams to investigate alerts, rapidly respond, list and follow up contacts.
- Inadequate bed capacity for isolation of cases, best captured in Busia County where facilities are overstretched.

### 4.0 NEXT STEPS

- The MOH is rolling out the home and community-based isolation and quarantine protocols across the country to reduce excess loads on the current facilities.
- Roll out of NPHLS Laboratory Information System to all COVID-19 testing laboratories streamline submission of results with the laboratories expected to plug in starting Tuesday 16 June 2020.
- County Governments to increase isolation bed capacity in every county.
- Mobilization of support (operational and logistical) for the sub – national level response.

#### 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)