



COVID-19 OUTBREAK IN KENYA

DAILY SITUATION REPORT - 87

1.0 KEY HIGHLIGHTS

1. **Ninety (90)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **3305 cases** as of 12 June 2020. Eighty-seven (87) of the cases are Kenyans of which two (2) have a travel history. Three (3) of the cases are non-Kenyans; Somalia (2) and Ugandan (1). All cases are local transmissions. Counties reporting new cases are **Nairobi (36), Mombasa (34), Busia (12), Uasin Gishu (3), Garissa (1), Kilifi (1), Kisumu (1), Meru (1) and Turkana (1).**
2. **Four (4) deaths have been reported over the last 24 hours.** The total number of deaths reported since the beginning of the outbreak is **96, case fatality rate (CFR) is 2.9 percent.**
3. In the last 24 hours, 71 COVID-19 patients were discharged. The total number of recoveries and discharges for COVID-19 stand at 1,164.
4. As of today, **37 out of 47 counties** have reported cases namely: Nairobi (1476), Mombasa (979), Busia (292), Kajiado (102), Kiambu (93), Uasin Gishu (59), Migori (40), Kwale (35), Kilifi (33), Taita Taveta (20), Mandera (18), Machakos (17), Garissa (16), Turkana (16), Wajir (16), Kisumu (15), Nakuru (12), Siaya (11), Kitui (10), Nyeri (9), Bungoma (6), Isiolo (4), Murang'a (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), and Trans Nzoia (1).
5. **Mombasa and Nairobi City** Counties have the highest attack rates of COVID-19 at **81 and 33.6 per 100,000** population respectively when compared to **6.9 per 100,000** for the whole country and need enhanced interventions. In addition, the COVID-19 outbreak has so far spread to **79 percent** of the counties in the country. **Risk communication, laboratory testing, and sub-national operational support** have been identified as key challenges.
6. **Two thousand nine hundred and fifty-two (89 percent) of the 3305 confirmed cases** are local transmissions.
7. Of the 2,270 contacts under follow up 2,135 (94 percent) were followed up today
8. In the last 24 hours, **2419 samples** were tested across various laboratories of which **Ninety (90) samples** turned positive for COVID-19. A total of **108666 cumulative tests** have so far been conducted.

**Total Cases
=3305**

**Male = 2252
Female = 1053**

**Deaths
=96**

Epidemiology

Since 13 March 2020 when the first case was confirmed in Kenya, a total of **3305** confirmed cases and **96** have died giving a case fatality rate of **2.9 percent** have been line listed. Of these, 2952 cases (89 percent) were local transmissions and 353 (11 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 2285 samples per 1,000,000 people.

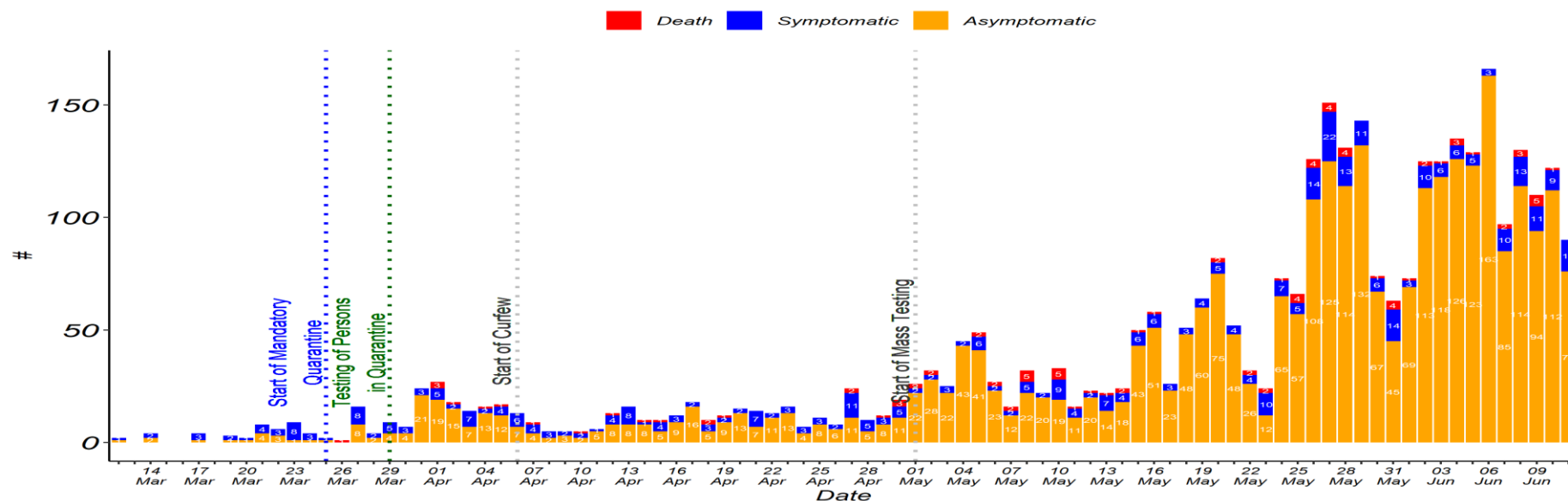


Figure 1: Trends of COVID-19 Outbreak Kenya



Cumulative Cases

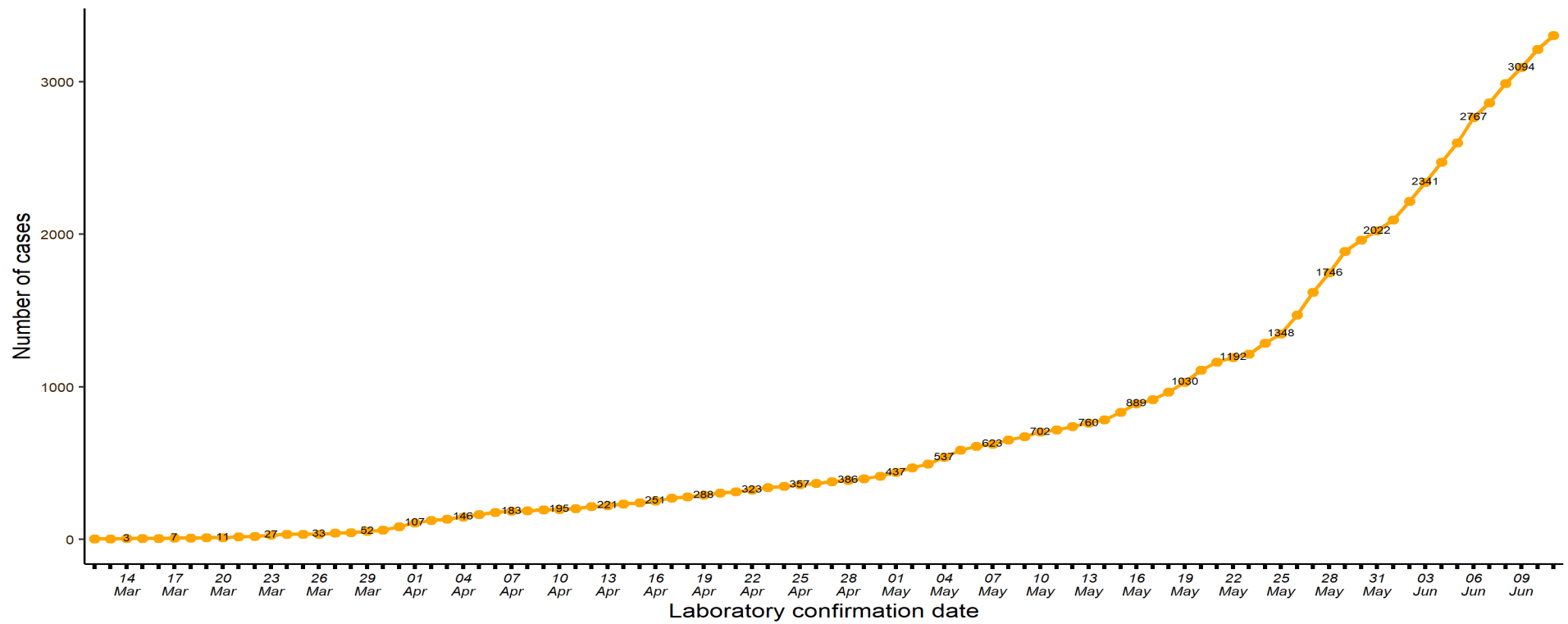


Figure 2: Cumulative case load



Laboratory Testing

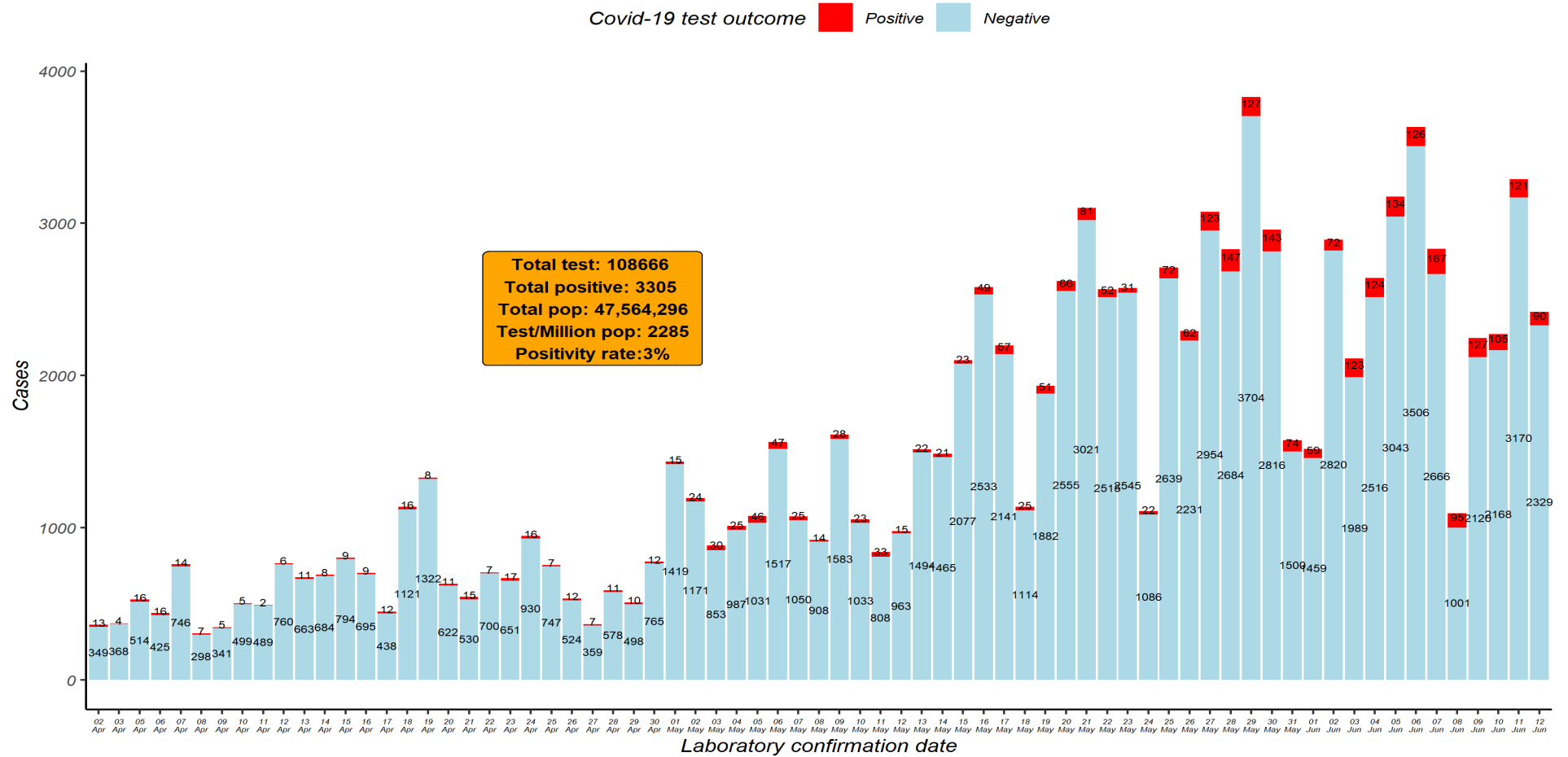


Figure 3: Laboratory Tests Conducted by Date Results were Shared

Distribution of Confirmed COVID-19 Cases by Presentation

Of the **3305** confirmed cases, 402 (12 percent) presented with symptoms (Figure 4). Cough (47 percent) and fever (42 percent) were predominant presenting symptoms (Figure 5).

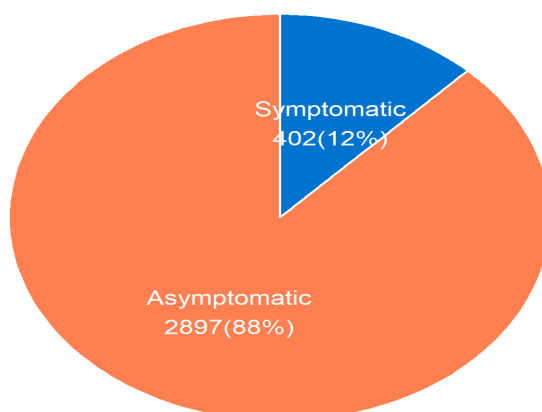


Figure 4: Distribution of Confirmed COVID-19 Cases by Presentation

Presenting Symptoms among Symptomatic COVID-19 Cases

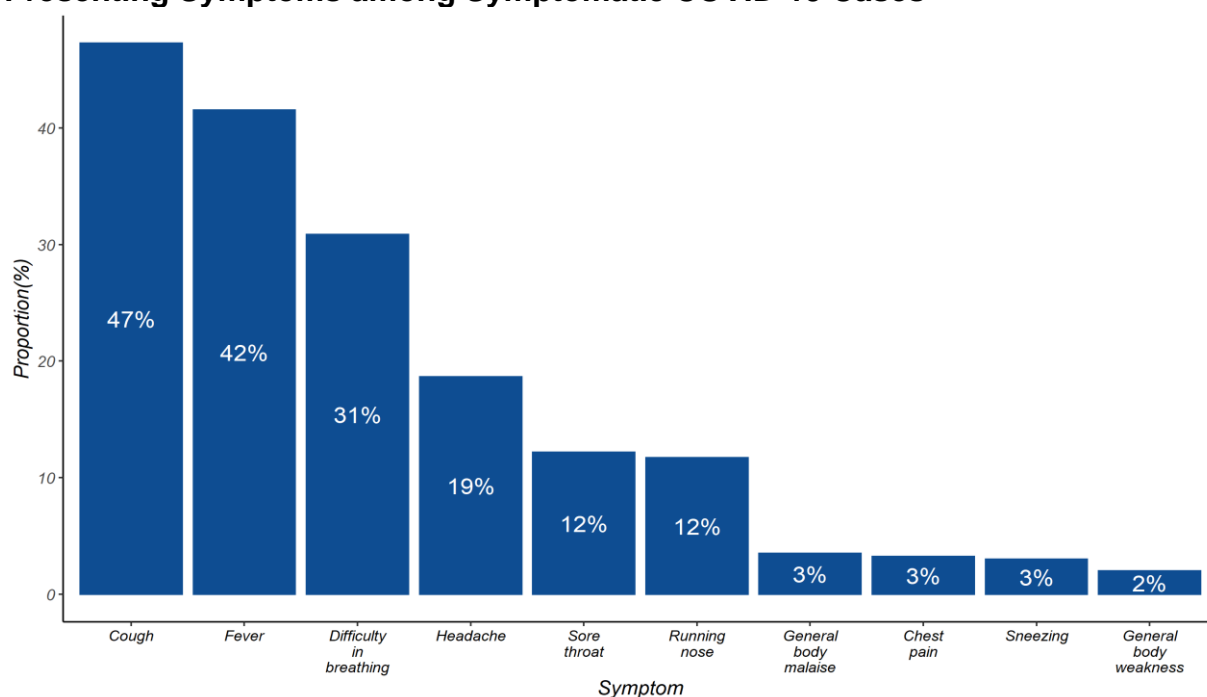


Figure 5: Distribution of Presenting Symptoms among Symptomatic COVID-19 Cases

Age and Sex Distribution of COVID Confirmed Cases and Deaths

Two thousand two hundred and fifty-two (68 percent) are males and 1053 (32 percent) are females. Most of the cases; 1042 (32 percent), are in the age group of 30-39 years. Figure 6 below shows age and sex distribution of COVID-19 cases. Ninety – six deaths have been reported so far, 70 (73 percent) being males and 26 (27 percent) were females (Figure 7).

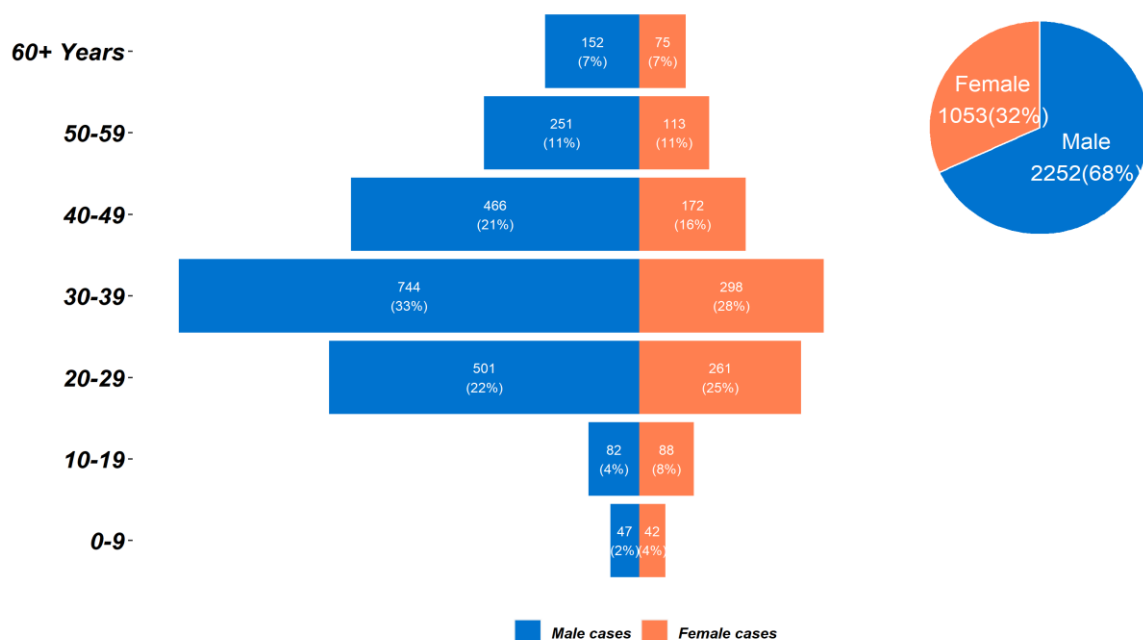


Figure 6: Age and Sex Distribution of COVID-19 Cases Kenya

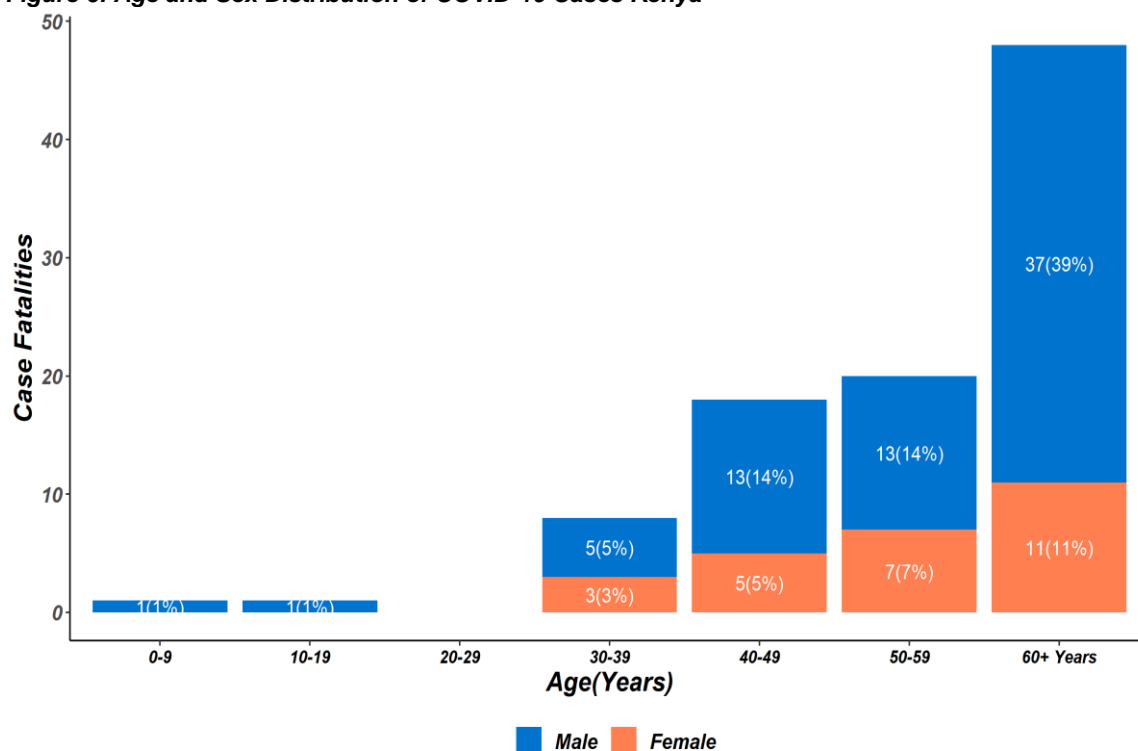


Figure 7: Distribution of Case Fatalities by Age and Sex

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

Of the **3305** cases, 1476 (45 percent) are from Nairobi County followed by Mombasa County with 979 (30 percent) as shown in Figure 8. Mombasa County has the highest attack rate of 81 per 100,000 population followed by Nairobi City County at 33.6 per 100,000 population (Table 1).

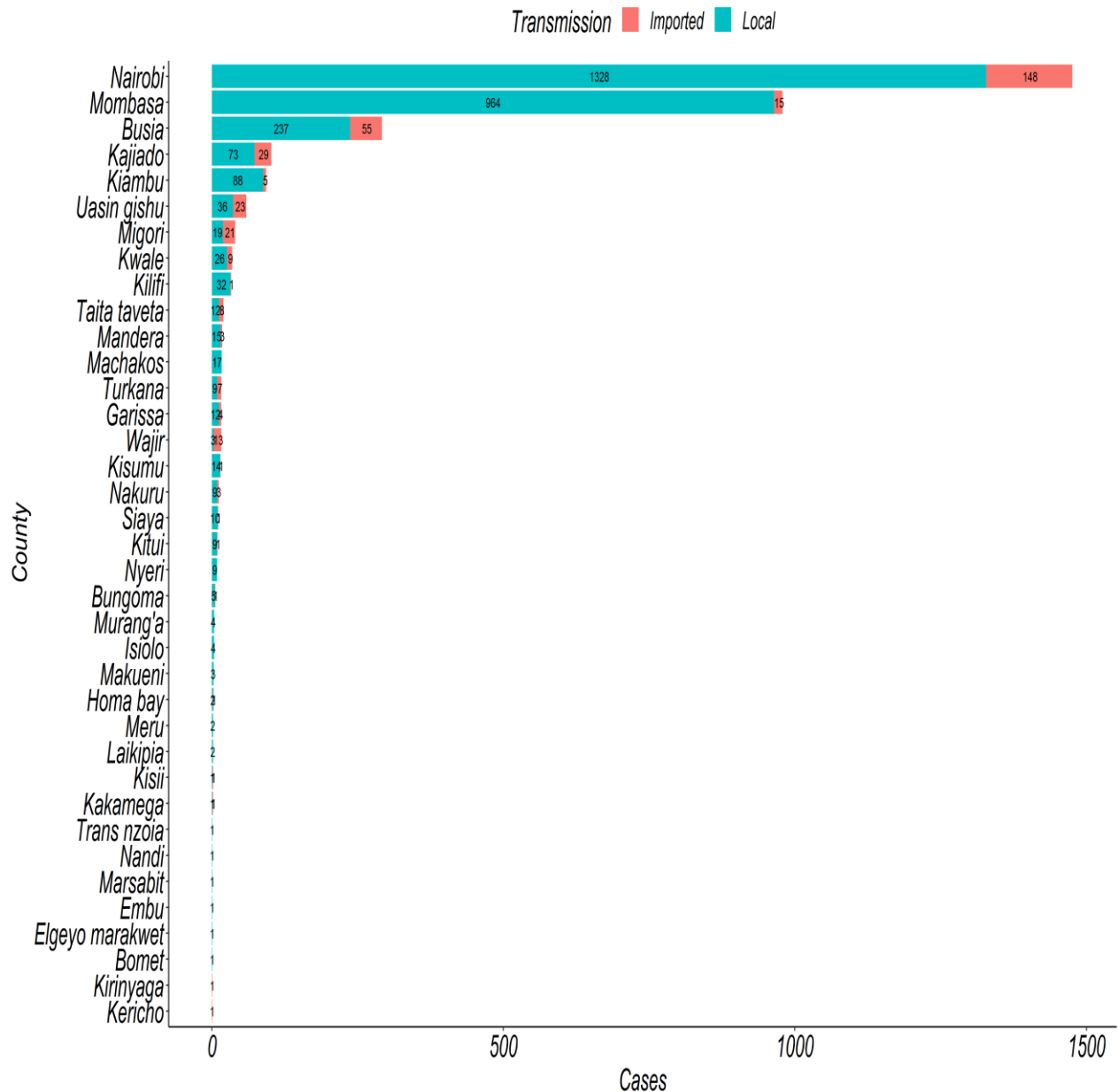


Figure 8: Distribution of confirmed COVID-19 Cases by County and transmission classification

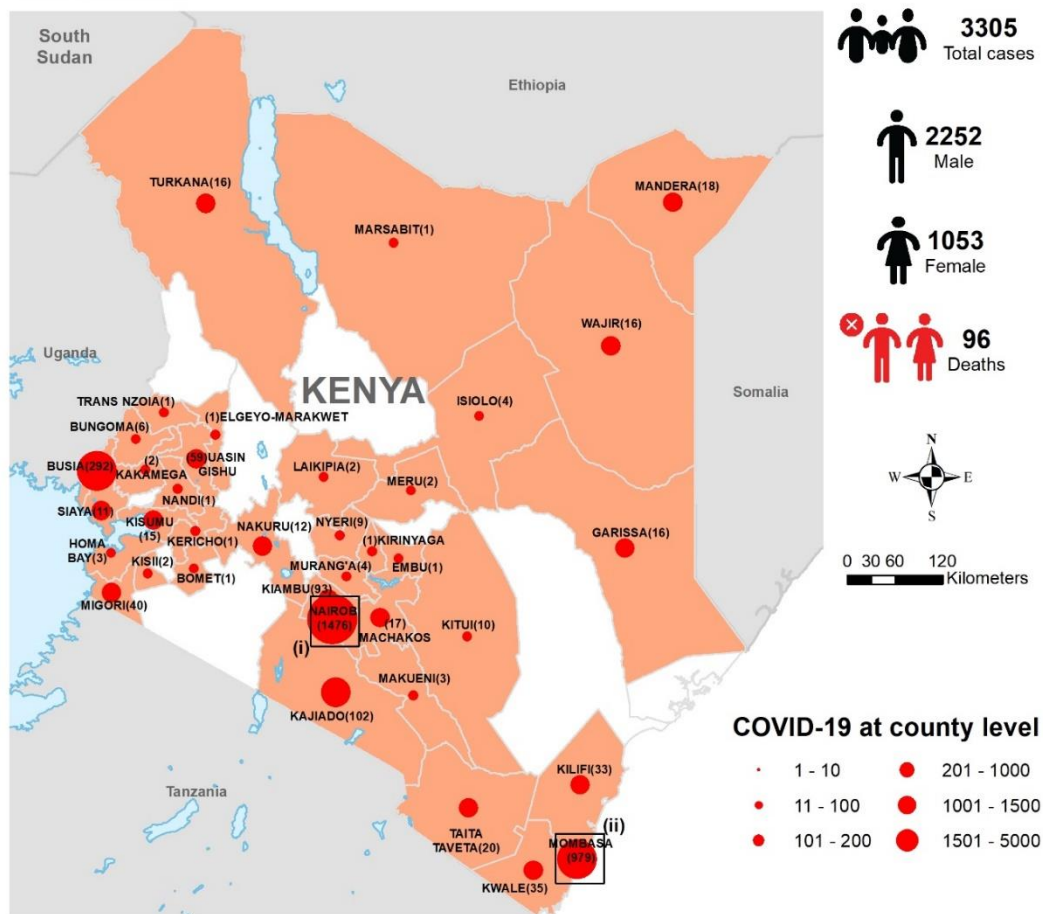
**Table 1: County Attack Rate/100,000 population**

S/No	County	Population (2019 Census KNBS)	Cumulative Cases	Cases per 100,000 population
1	Mombasa	1,208,333	979	81.0
2	Nairobi City	4,397,073	1476	33.6
3	Busia	893,681	292	32.7
4	Kajiado	1,117,840	102	9.1
5	Taita/Taveta	340,671	20	5.9
6	Uasin Gishu	1,163,186	59	5.1
7	Kwale	866,820	35	4.0
8	Kiambu	2,417,735	93	3.8
9	Migori	1,116,436	40	3.6
10	Kilifi	1,453,787	33	2.3
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	16	1.7
15	Isiolo	268,002	4	1.5
16	Kisumu	1,155,574	15	1.3
17	Machakos	1,421,932	17	1.2
18	Nyeri	759,164	9	1.2
19	Siaya	993,183	11	1.1
20	Kitui	1,136,187	10	0.9
21	Nakuru	2,162,202	12	0.6
22	Murang'a	1,056,640	4	0.4
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	Meru	1,545,714	2	0.1
33	Trans Nzoia	990,341	1	0.1
34	Nandi	885,711	1	0.1
35	Kericho	901,777	1	0.1
36	Bomet	875,689	1	0.1
37	Kakamega	1,867,579	2	0.1
Kenya		47,564,300	3305	6.9

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

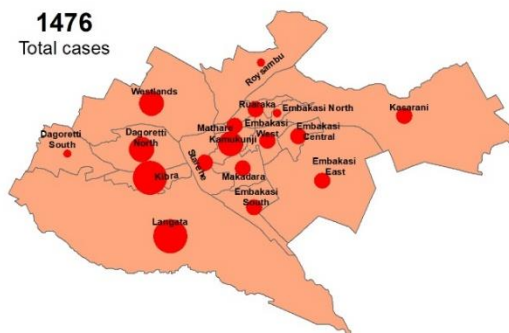
COVID19 REPORTED CASES BY COUNTY

As of 12 June 2020



Nairobi at sub county level (i)

1476
Total cases



Mombasa sub county level (ii)

979
Total cases

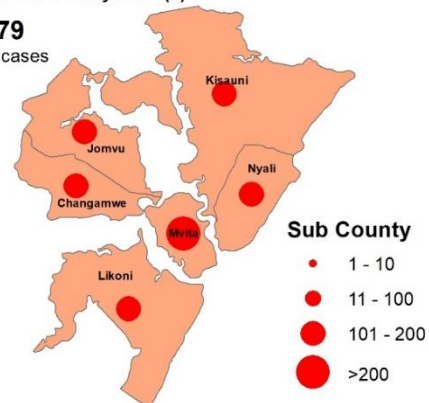


Figure 9: Distribution of confirmed COVID-19 cases by County

**Status of Contract Tracing as at Today**

Of the **3305** confirmed COVID-19 cases a total of 8,270 contacts have been listed, 344 contacts (4 percent) have tested positive for COVID-19 (Table 2). Of the 2,270 contacts under follow up 2,135 (94 percent) were followed up today. A total of 135 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
Bomet	2	-	-	35	35	0	0	-	3
Bungoma	6	4	67%	12	12	0	0	-	1
Busia	280	262	94%	18	14	4	5	125%	0
Elgeyo Marakwet	1	-	-	0	0	0	0	-	0
Embu	1	-	-	30	0	30	30	100%	0
Garissa	15	3	20%	81	0	81	81	100%	3
Homa Bay	4	1	25%	93	89	4	0	0%	0
Isiolo	4	-	-	105	55	50	48	96%	1
Kajiado	101	25	25%	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	92	49	53%	334	135	199	186	93%	10
Kilifi	33	16	48%	322	265	57	55	96%	9
Kirinyaga	1	-	-	0	0	0	0	-	0
Kisii	2	-	-	50	1	49	49	100%	1
Kisumu	14	11	79%	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 followup	Number Responded today	Response rate	Positive Contacts
Kwale	35	27	77%	119	119	0	0	-	0
Laikipia	2	1	50%	26	0	26	26	100%	0
Machakos	18	13	72%	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	2	-	-	63	0	63	63	100%	0
Migori	39	22	56%	153	107	46	46	100%	1
Mombasa	947	552	58%	2100	1643	457	426	93%	127
Muranga	5	2	40%	25	15	10	10	100%	0
Nairobi	1434	734	51%	3055	2396	659	583	88%	159
Nakuru	13	1	8%	310	275	35	35	100%	0
Nyeri	9	3	33%	81	0	81	81	100%	0
Siaya	11	2	18%	82	82	0	0	-	4
Taita Taveta	20	6	30%	48	0	48	48	100%	0
Trans Nzoia	1	-	-	10	0	10	10	100%	0
Turkana	15	13	87%	44	0	44	44	100%	0
Uasin Gishu	56	38		109	60	49	49	100%	0
Wajir	16	2		78	70	8	6		3
Total	3,215	1,792	56%	8,270	6,000	2,270	2,135	94%	344

2.0 KEY ACTIONS

Coordination

- Regular NERC meetings ongoing.

Case Management and Infection Prevention & Control

- In the last 24 hours, 71 COVID-19 patients were discharged. The total number of recoveries and discharges for COVID-19 stand at 1,164.

Surveillance, Laboratory and Points of Entry

- In the last 24 hours, 2419 samples were tested across various laboratories of which Ninety (90) samples turned positive for COVID-19. A total of 108666 cumulative tests have so far been conducted.
- **PoE and Cross Border Collaboration Webinar meeting by East and Southern Africa Member states (Participants: MOH, WHO, AFRICA CDC and USAID) held on 11th June**
 - On 11th June, the MOH and WHO participated and provided updates on the East and Southern Africa COVID-19 Platform Surveillance, PoEs, Laboratory Technical Working Group webinar with other member states on cross-border coordination and POE Collaboration.
 - Kenya updated the meeting- all truck drivers were expected to undergo COVID-19 testing 48 hours before travelling, provision of attestation letters and improved monitoring of implementation of testing protocol through multi-agency approach by traffic police on roadblocks set up along the traffic corridor. It was further reported that the government now provide screening along designated checkpoints and secondary testing for ill truck drivers and suspected cases taken up for further investigation by local county RRTs while truck owners were duly informed to support where necessary. The country has further strengthened capacity to diagnose COVID-19 cases at PoEs by setting up and equipping regional labs and hiring more healthcare workers to hasten sample collection and processing of results.
 - Inadequate adherence to testing protocol by some truck drivers resulted to long queues of trucks, backlogs and delays in processing and releasing test results, overstretching the workforce and inadequate isolation facilities in the affected POEs.
 - Member states advocated for improved quality assurance for testing, coordination, communication and information sharing and dispute resolution mechanism across international borders, and committed to adhere to joint protocol for testing at PoEs and

enhanced surveillance and contact tracing. Africa CDC agreed to consider some level of support for PoE activities.

3.0 KEY CHALLENGES

- The long turnaround time for relying laboratory results to clients in Busia and Mombasa Counties.
- 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.
- Commodity insecurity of personal protective equipment at the sub – national level.

4.0 NEXT STEPS

- Planning meeting with IPC subcommittee was held to finalize the schedules for the implementation of IPC training in 6 counties under WHO and ECHO support i.e. (Nairobi, Mombasa, Kilifi, Kajiado, Migori and Busia). The dates for the trainings be implemented from the week of 23rd June 2020. Focus will be on IPC for isolation and quarantine facilities staff.
- 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.
- 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:

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

Email: manager.eockenya@gmail.com