



COVID-19 OUTBREAK IN KENYA

DAILY SITUATION REPORT - 70

1.0 KEY HIGHLIGHTS

1. **Sixty-two (62)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **1,348 cases** as of 26 May 2020. while fifty-eight (58) of the cases are Kenyans, one Chinese and three Somalia. All cases are local transmissions. Counties reporting new cases are **Nairobi (23)** from the high population density areas, **Mombasa (16)** from the identified high transmission areas, **Kwale (8)**, **Kajiado (6)**, **Kiambu (6)** and **Kitui (3)**.
2. **No death has been reported over the last 24 hrs.** The total number of deaths reported since the beginning of the outbreak is **53**, **case fatality rate (CFR) is 3.9 percent**.
3. In the last 24 hours, three COVID-19 cases recovered and were discharged bringing the total number of recoveries and discharges for COVID-19 to **405**.
4. As of today, **29 out of 47 counties** have reported cases namely: Nairobi (660), Mombasa (425), Kajiado (61), Kiambu (32), Kwale (27), Busia (18), Mandera (18), Wajir (16), Migori (14), Kilifi (12), Nakuru (9), Siaya (9), Kitui (8), Taita Taveta (8), Garissa (5), Uasin Gishu (5), Machakos (4), Kisumu (3), Bungoma (2), Homa Bay (2), Isiolo (2), Bomet (1), Kakamega (1), Kirinyaga (1), Kisii (1), Makueni (1), Meru (1), Trans Nzoia (1), and Turkana (1).
5. **Mombasa** and **Nairobi City** Counties have the highest attack rates of COVID-19 at **35.2** and **15** per **100,000** populations respectively when compared to **2.8** per **100,000** for the whole country and need enhanced interventions. In addition, the COVID-19 outbreak has so far spread to **62 percent** of the counties in the country. **Risk communication, laboratory testing, and contact tracing** have been identified as key challenge.
6. **One thousand one hundred and eleven (82 percent)** of the **1,348 confirmed cases** are local transmissions.
7. Of the 1,910 contacts under follow-up **1,842 (96 percent)** were followed up today
8. In the last 24 hours, **2,293 samples** were tested across various laboratories of which **62 samples** turned positive for COVID-19. A total of **64,264 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 **1348** confirmed cases and **53** have died giving a case fatality rate of **3.9 percent** have been line listed. Of these, 1111 cases (82 percent) were local transmissions and 237 (18 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 1,352 samples per 1,000,000 people.

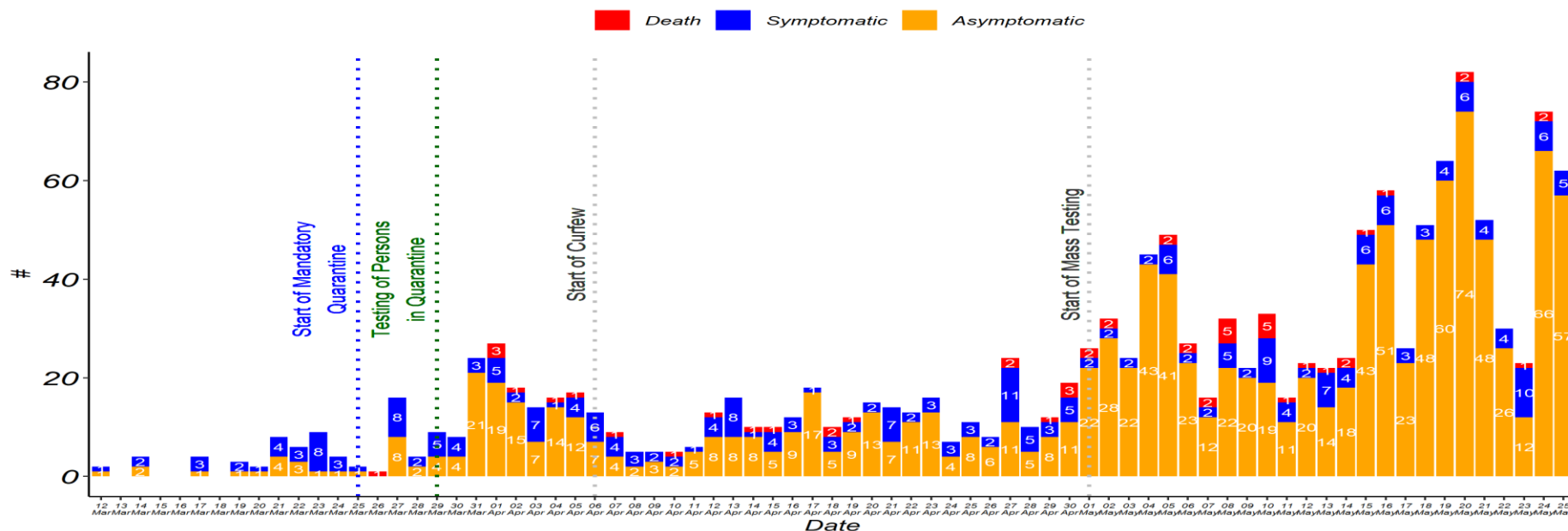


Figure 1: Trends of COVID-19 Outbreak Kenya



1.2 Cumulative Cases

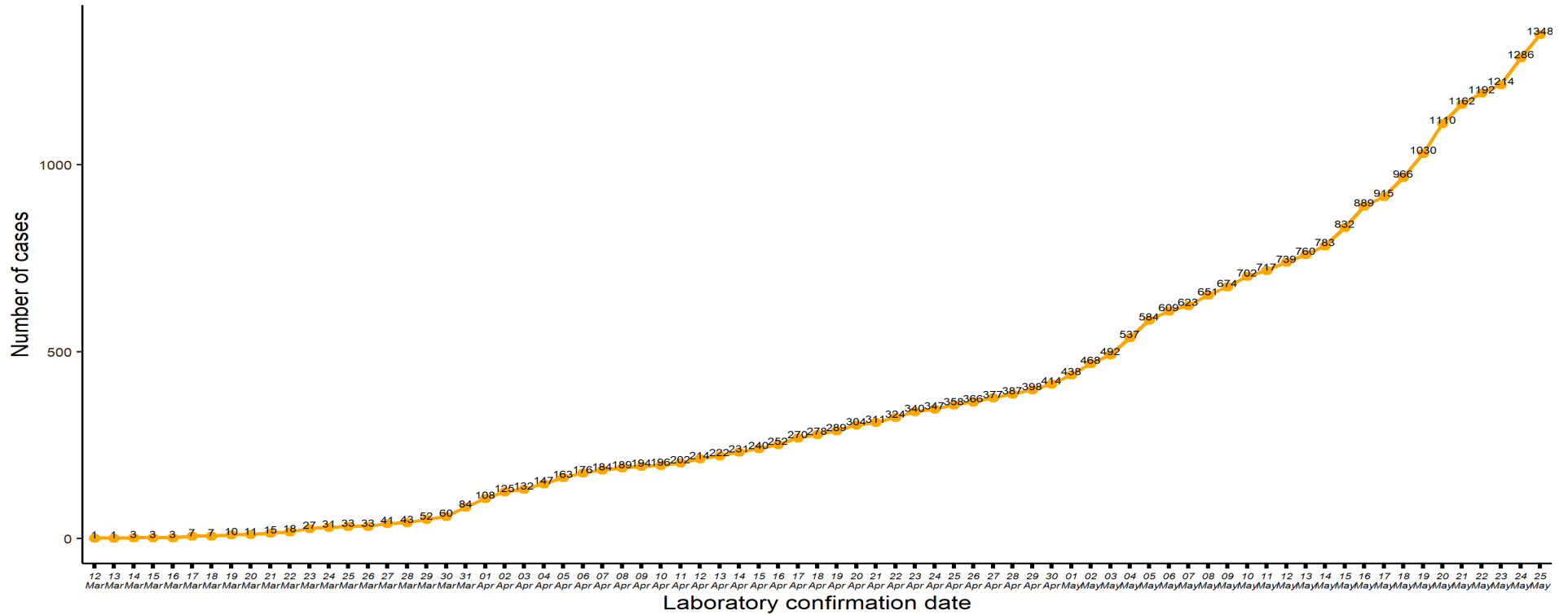


Figure 2: Cumulative case load



1.3 Laboratory Testing

Covid-19 test outcome ■ Positive ■ Negative

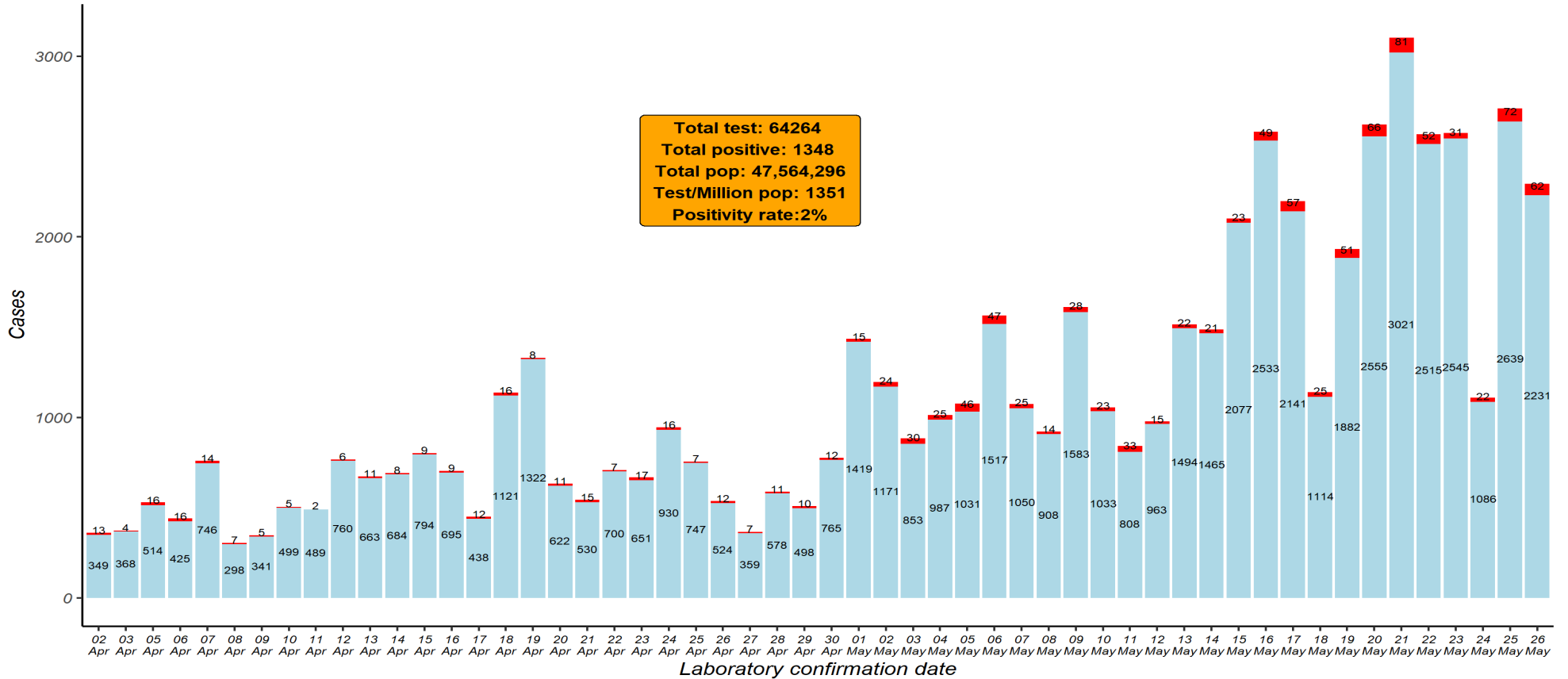


Figure 3: Laboratory Tests Conducted by Date Results were Shared



1.4 Distribution of Confirmed COVID-19 Cases by Presentation

Of the 1,348 confirmed cases, 230 (17 percent) presented with symptoms (Figure 4). Cough (53 percent) and fever (52 percent) were predominant presenting symptoms (Figure 5).

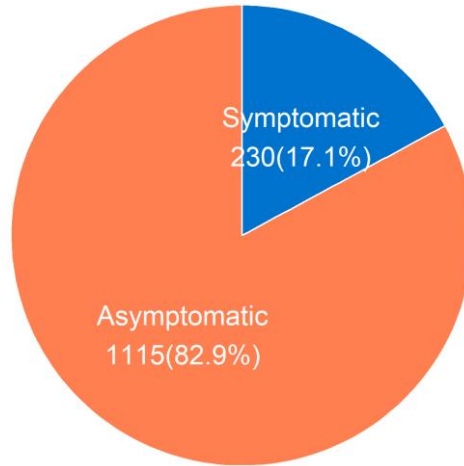


Figure 4: Distribution of Confirmed COVID-19 Cases by Presentation

1.5 Presenting Symptoms among Symptomatic COVID-19 Cases

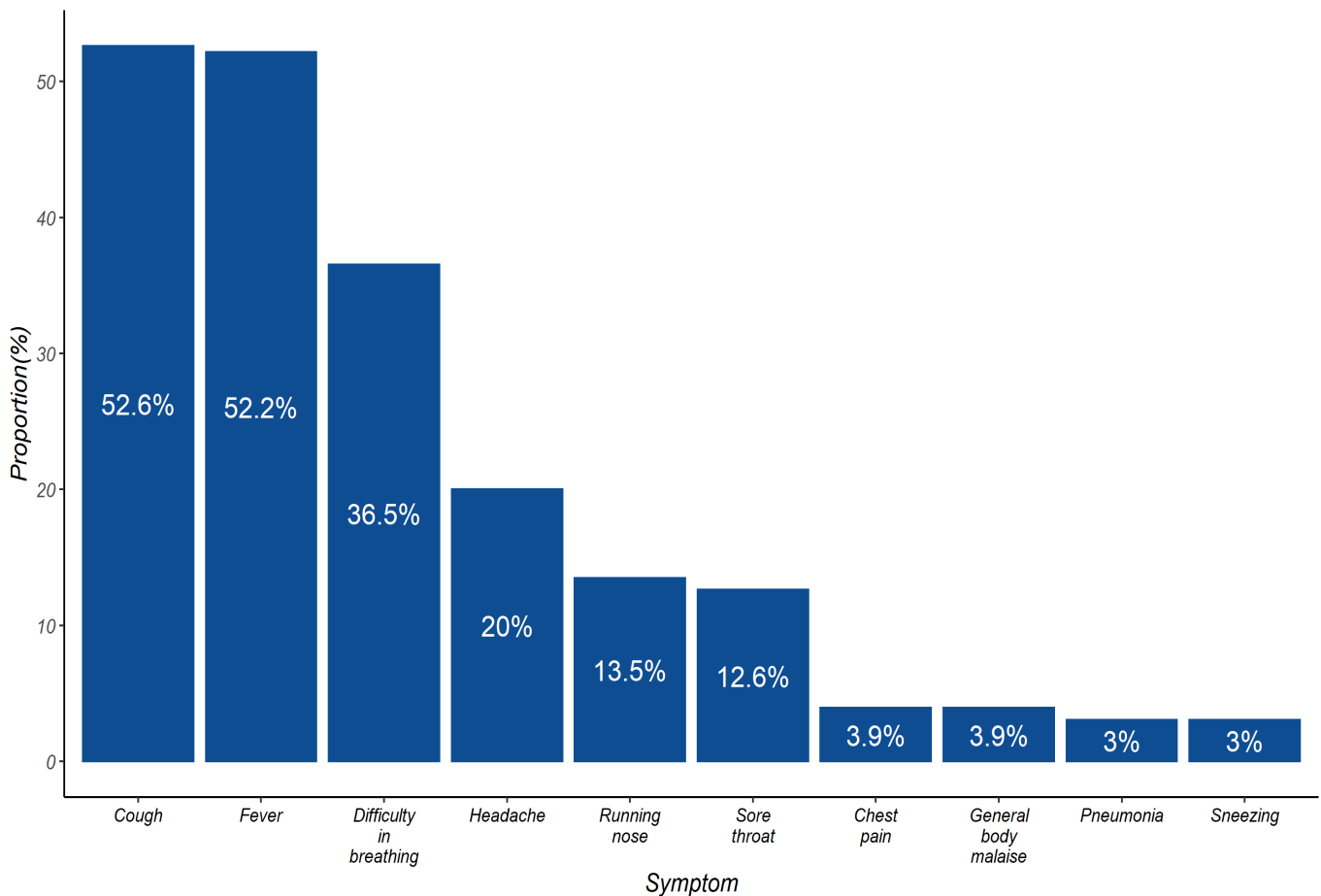


Figure 5: Distribution of Presenting Symptoms among Symptomatic COVID-19 Cases



1.6 Age and Sex Distribution of COVID Confirmed Cases and Deaths

Eight hundred and sixty-four (64 percent) are males and 484 (36 percent) are females. Most of the cases; 399 (30 percent), are in the age group of 30-39 years. Figure 6 below shows age and sex distribution of COVID-19 cases. 53 deaths have been reported so far, 41 (77 percent) being males and 12 (23 percent) were females (Figure 7).

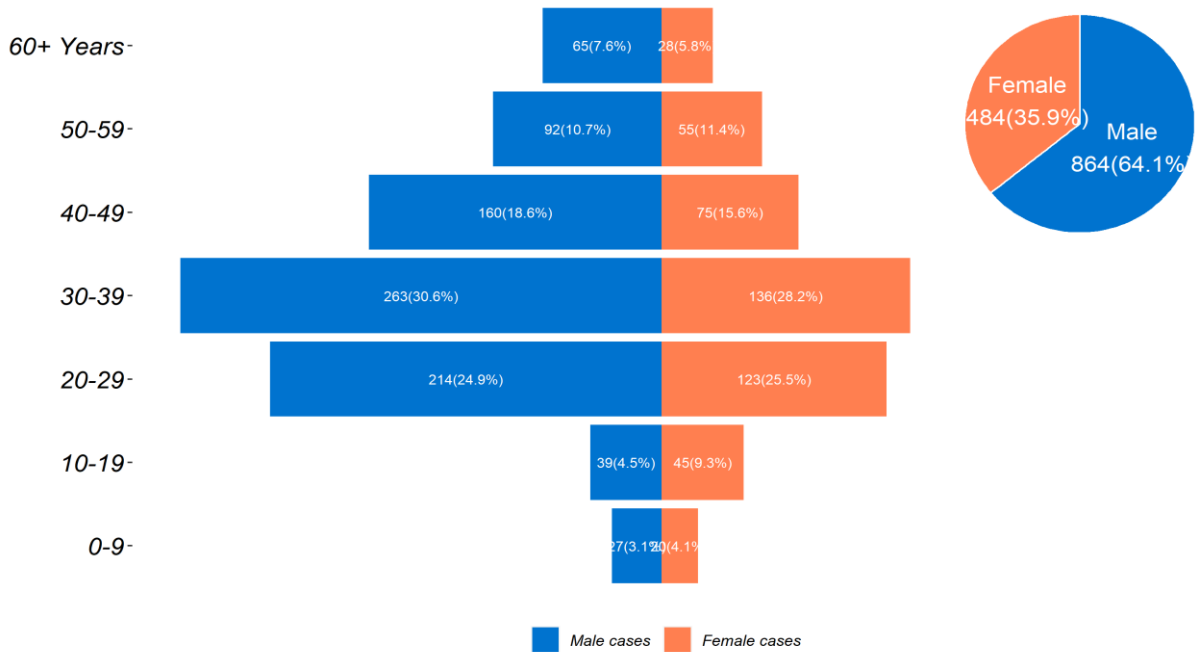


Figure 6: Age and Sex Distribution of COVID-19 Cases Kenya

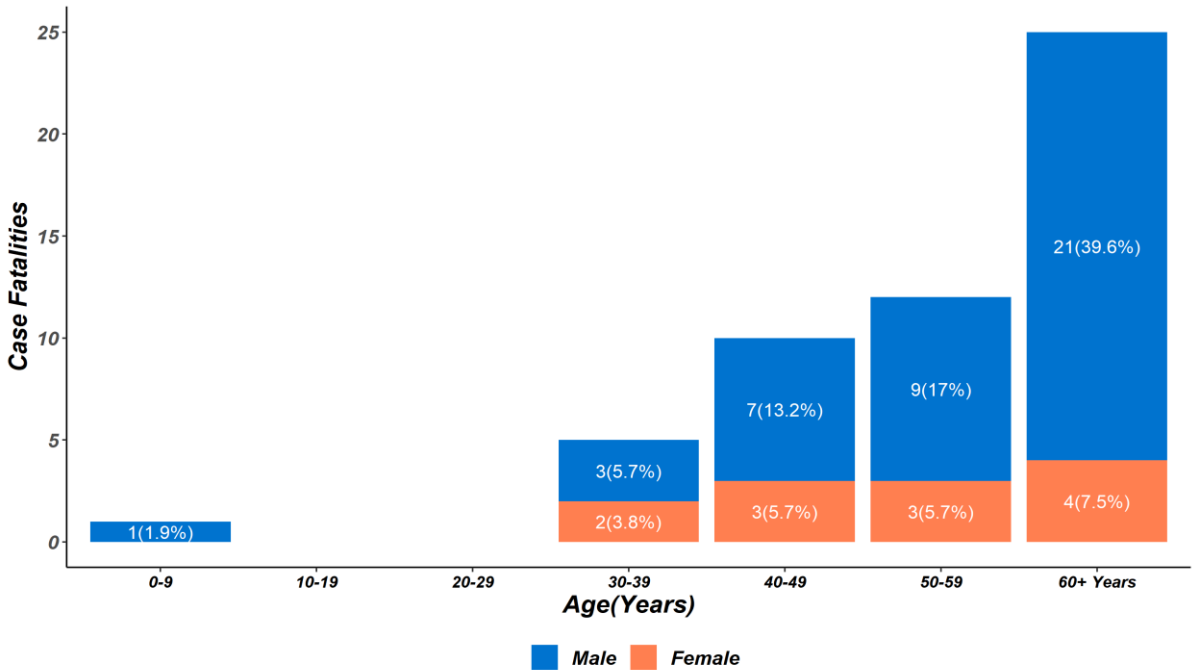


Figure 7: Distribution of Case Fatalities by Age and Sex



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

Of the 1,348 cases, 660 (49 percent) are from Nairobi County followed by Mombasa County with 425 (32 percent) as shown in Figure 8. Mombasa County has the highest attack rate of 35 per 100,000 population followed by Nairobi City County at 15 per 100,000 populations (Table 1).

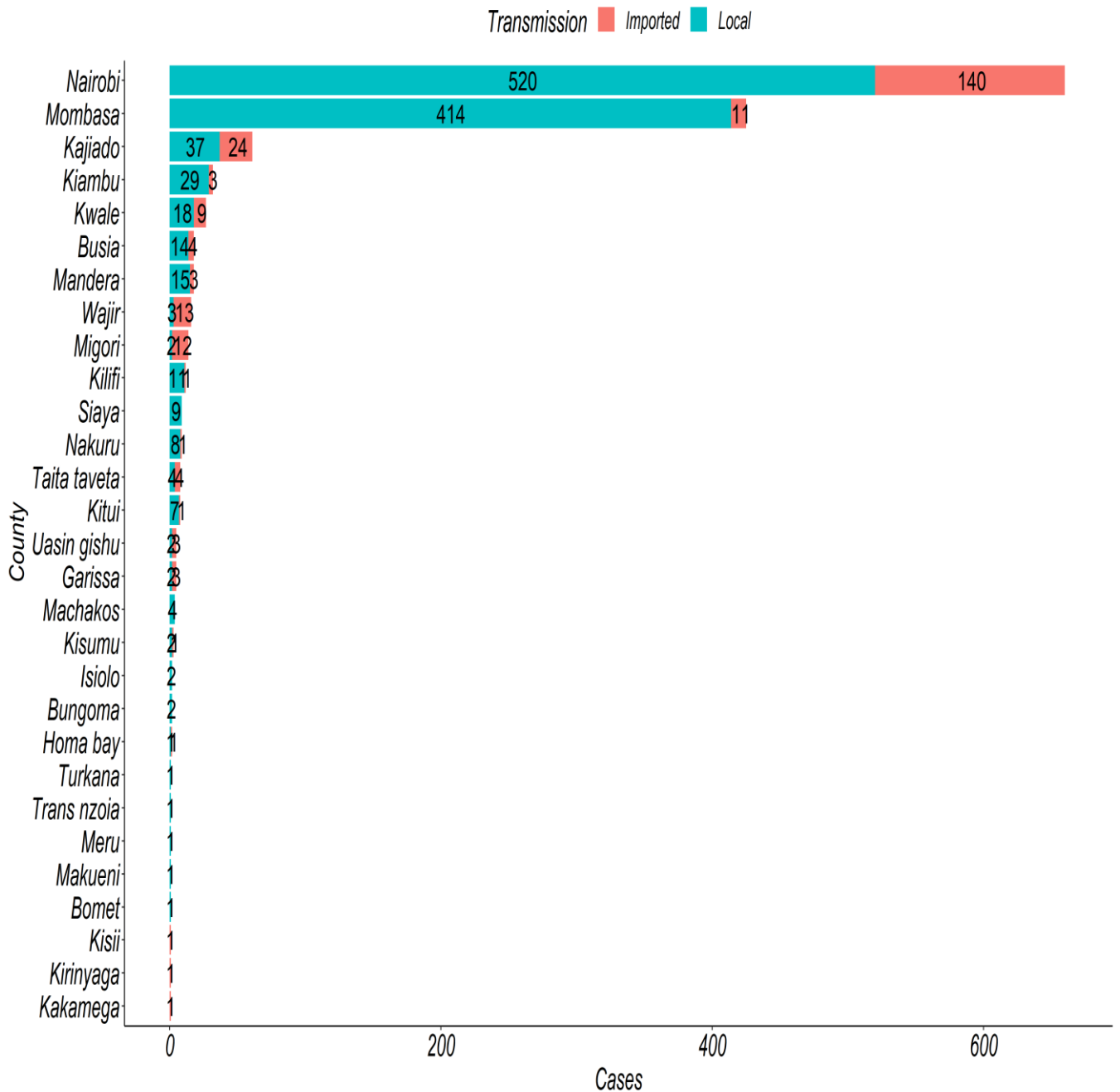


Figure 8: Distribution of confirmed COVID-19 Cases by County and transmission classification

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

S/No	County	Population (2019 Census KNBS)	Cumulative Cases	Cases per 100,000 population
1	Mombasa	1,208,333	425	35.2
2	Nairobi City	4,397,073	660	15.0
3	Kajiado	1,117,840	61	5.5
4	Kwale	866,820	27	3.1
5	Taita/Taveta	340,671	8	2.3
6	Mandera	867,457	18	2.1
7	Wajir	781,263	16	2.0
8	Busia	893,681	18	2.0
9	Kiambu	2,417,735	32	1.3
10	Migori	1,116,436	14	1.3
11	Siaya	993,183	9	0.9
12	Kilifi	1,453,787	12	0.8
13	Isiolo	268,002	2	0.7
14	Kitui	1,136,187	8	0.7
15	Garissa	841,353	5	0.6
16	Uasin Gishu	1,163,186	5	0.4
17	Nakuru	2,162,202	9	0.4
18	Machakos	1,421,932	4	0.3
19	Kisumu	1,155,574	3	0.3
20	Kirinyaga	610,411	1	0.2
21	Homa Bay	1,131,950	2	0.2
22	Meru	1,545,714	1	0.1
23	Makueni	987,653	1	0.1
24	Turkana	926,976	1	0.1
25	Trans Nzoia	990,341	1	0.1
26	Bomet	875,689	1	0.1
27	Kakamega	1,867,579	1	0.1
28	Bungoma	1,670,570	2	0.1
29	Kisii	1,266,860	1	0.1
	Kenya	47,564,300	1348	2.8

1.9 Status of Contract Tracing as at Today

Of the 1,348 confirmed COVID-19 cases a total of 6,415 contacts have been listed, 252 contacts (4 percent) have tested positive for COVID-19 (Table 2). Of the 1,911 contacts under follow up 1,842 (96 percent) were followed up today. A total of 69 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
Bungoma	2	-	-	12	12	0	0	-	1
Kajiado	54	5	9%	327	93	234	197	84%	5
Kakamega	1	-	-	13	13	0	0	-	0
Kiambu	25	9	36%	165	68	97	87	90%	5
Kilifi	13	3	23%	253	236	17	17	100%	8
Kitui	5	-	-	64	15	49	49	100%	2
kwale	19	11	58%	119	106	13	13	100%	0
Mandera	18	-	-	176	157	19	19	100%	6
Migori	14	-	-	142	0	142	142	100%	1
Mombasa	411	154	37%	1695	1089	606	593	98%	99
Nairobi	631	226	36%	2501	2319	183	179	98%	114
Nakuru	10	-	-	310	64	246	246	100%	0
Siaya	9	7	78%	82	82	0	0	-	4
Uasin Gishu	4	-	-	66	36	30	30	100%	0
Wajir	16	2	13%	78	28	50	45	90%	3
Machakos	5	1	20%	25	2	23	23	100%	0

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
Homa Bay	2	-	-	89	89	0	0	-	0
Busia	18	6	33%	13	13	0	0	-	0
Isiolo	2	-	-	61	48	13	13	100%	0
Muranga	1	-	-	15	0	15	15	100%	0
Bomet	2	-	-	35	35	0	0	-	0
Taita Taveta	8	-	-	13	0	13	13	100%	0
Laikipia	1	1	100%	0	0	0	0	-	0
Garissa	5	3	60%	10	0	10	10	100%	2
Meru	2	-	-	63	0	63	63	100%	0
Makueni	1	-	-	15	0	15	15	100%	2
Kisii	1	-	-	14	0	14	14	100%	0
Kirinyaga	1	-	-	0	0	0	0	-	0
Trans Nzoia	1	-	-	10	0	10	10	100%	0
Kisumu	3	1	33%	5	0	5	5	100%	0
Turkana	1	-	-	44	0	44	44	100%	0
Total	1286	429	33%	6415	4505	1911	1842	96%	252

2.0 KEY ACTIONS

2.1 Coordination

- The National Emergency Response Committee met today and the Cabinet Secretary addressed the nation to update on the COVID-19 outbreak situation.
- The Migori County Security Committee met following this breakout and enhanced security at quarantine facilities following the escape of 15 Tanzanians last week.
- The Kisumu County emergency coordination committee resolved that targeted random testing will be done in areas with dense population and in the area around where the trucks are usually parked. In consultation with KEMRI/CDC Kisumu, about 100 samples will be taken to the laboratory daily for testing. It was noted that there is need for further training for case management teams especially on pediatrics and other co-infections.
- The Kwale County Government has established County COVID-19 Incident Management System structure. Sub – county health management teams leading preparedness and response at County level with WHO is providing technical support.
- The Kilifi County Health Management Team and WHO technical officer met the County Executive Committee Member for Health to orient her on the contact tracing dashboard and advocate for better uptake of the digital reporting. The County Disease Surveillance Coordinator also shared the COVID – 19 positive healthcare worker database and the county cases and contacts line list databases.
- The Council of Governors (CoG) COVID-19 Secretariat Consultants met on Tuesday 26 May 2020 to discuss collation of weekly update summary reports from each sector, COVID-19 preparedness in counties, support for border counties, health service utilization and effects of COVID-19, HRH and recruitment of staff for counties (including UHC) and continuity of services and post-COVID-19 strategy. The CoG Secretariat has been requested to prepare project documents and reports by some development partners for support for counties.

2.2 Case Management and Infection Prevention and Control

- In the last 24 hours, three COVID-19 patients recovered and were discharged bringing the total number of recoveries and discharges for COVID-19 to 405.
- The Kisumu County has reported three cases which are positive for COVID-19: two are truck drivers and are isolated at the treatment center in Jaramogi Oginga Odinga Teaching and Referral Hospital and the third is a woman who came from Nairobi for a funeral is in a treatment center in Nairobi. All the contacts for the three cases have been identified and quarantined at KMTC Kisumu. In Migori County, there are seven people, all asymptomatic, currently at the treatment/isolation center in Nyatike Sub County.
- These are the health facilities managing the COVID-19 cases across the country :
 - 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, Alfaruku Hospital and Premier Hospital.
 - Nakuru : Nakuru County Referral Hospital
 - Mandera : Mandera County Referral Hospital
 - Siaya: Bondo County Referral Hospital
 - Kilifi: Kilifi Wananchi Hospital and Njibana 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
 - Kisii : Kisii Teaching and Referral Hospital
 - Kwale : Kwale County Referral Hospital
 - Uasin Gishu : Kimelel Isolation Centre
 - Garissa: Ifo 2 Hospital
 - Meru: Meru Teaching and Referral Hospital
 - Kisumu: Jaramogi Oginga Odinga Teaching and Referral Hospital
 - Turkana: Kakuma Refugee Isolation Centre

2.3 Surveillance, Laboratory and Points of Entry

- All alerts were investigated across the county as well as contact tracing.
- In the last 24 hours, 2293 samples were tested across various laboratories of which 62 samples turned positive for COVID-19. A total of 64264 cumulative tests have so far been conducted.
- In Kwale County, Screening of truck drivers is ongoing on the Kenyan side whereas no screening is ongoing on Tanzania side. Laboratory team is in place collecting samples for all truck drivers and the samples are transported to KEMRI Wellcome Kilifi for testing and results are sent back within 2 - 3 days, 41 truck drivers tested and 15 results were received from the laboratory from previous tests conducted received on Tuesday 26 May 2020.
- Targeted expanded mass testing is continuing in Nairobi and Mombasa and among health care workers, truck drivers at the points of entry and other high-risk group identified for testing.
- A total of 1127 travelers were screened for COVID-19 across various PoEs and 305 conveyances inspected. Cumulatively, 745344 travelers have been screened for COVID-19 since January 2020.
- Most of the rapid response and contact tracing teams have started to utilize the mobile application for case investigation and contact follow up following training.

3.0 CHALLENGES

- Lack of adequate funds for logistical support for sub – national (county and sub – county) rapid response and contact tracing teams (fuel for motorcycles), communication – airtime and bundles and lack of adequate funds for community engagement and sensitization.
- Commodity insecurity of personal protective equipment (PPE) across counties. As of Tuesday 26 May 2020, the Kisumu Health Department had only 5000 surgical masks and 100 N95 masks, which are inadequate considering that there are 2000 HCW who may need 1 mask a day for next 30 days (approximately 60000 masks are needed for the next 30 days). Only 15 full PPEs which were procured for Ebola are available in the County. More are required especially at the treatment/ isolation centers.
- The main challenge in controlling and preventing COVID-19 importation in the county is the wide porous border with affected neighboring countries. People cross at ungazetted unpoliced areas to beat the security measures.

4.0 NEXT STEPS

- The County Health Management Team and WHO Meeting set with Kwale County Director and County PHO to finalize county response plan with budget and discuss and share relevant MOH and WHO COVID-19 technical guidelines and tools with the County Director of Health.
- Expedite logistical support to counties – fuel, airtime and bundles, to enable them investigate alerts, list and follow up contacts.
- MOH and partners should consider procurement of motorcycles to support contact tracing teams at the sub – national level, especially at the sub – county level.
- Continue the ECHO funded capacity building for healthcare workers at the sub – national level on COVID-19 in Migori, Nakuru and Kilifi counties.
- Advocate for more resources for the capacity building for the rest of 29 counties, logistics support and PPEs for the field officers.
- Roll out capacity building to health workers managing the mandatory quarantine facilities.

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