



MINISTRY OF HEALTH

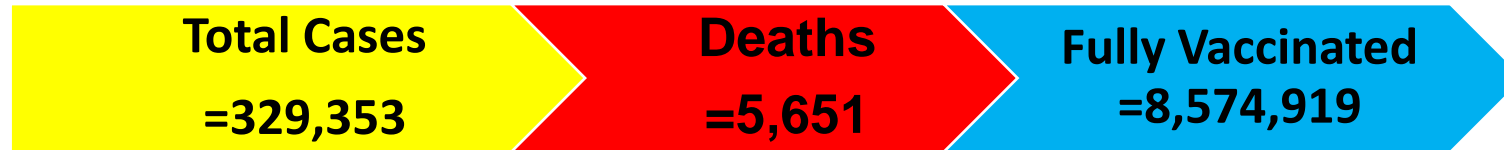
DATA AS REPORTED BY 1700 HOURS 19 JUNE 2022

# COVID-19 OUTBREAK IN KENYA

## DAILY SITUATION REPORT – 824

### 1. KEY HIGHLIGHTS

- Two hundred and forty-six (246)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **329,353 cases** as of **19<sup>th</sup> June 2022**. Counties reporting new cases are **Nairobi (191), Nyeri (17), Kiambu (9), Kitui (7), Garissa (6), Mombasa (4), Murang'a (3), Nakuru (2), Kisumu (2), Kwale (1), Siaya (1), Kisii (1), Busia (1) and Turkana (1)**.
- Zero (0) deaths have been reported over the last 24 hrs.** The total number of cumulative deaths reported since the beginning of the outbreak is **5651, case fatality rate (CFR) is 1.7%**
- All **47 counties** have cumulatively reported cases as follows: Nairobi (135,125), Kiambu (20,673), Mombasa (18,035), Nakuru (17233), Uasin Gishu (10,626), Kisumu (7849), Machakos (7624), Kajiado (7616), Kilifi (7098), Busia (6546), Siaya (6532), Nyeri (6023), Kericho (5789), Kitui (5059), Murang'a (4516), Kakamega (4209), Meru (4092), Kisii (3733), Migori (3352), Laikipia (3229), Bungoma (3217), Makueni (3078), Nyandarua (2993), Turkana (2678), Garissa (2679), Embu (2649), Trans Nzoia (2369), Nandi (2360), Kirinyaga (2260), Homa Bay (2115), Nyamira (2086), Taita Taveta (2048), Baringo (1682), Bomet (1679), Narok (1372), Kwale (1356), Tharaka Nithi (1241), Vihiga (1097), Marsabit (997), West Pokot (855), Isiolo (773), Lamu (774), Elgeyo Marakwet (532), Mandera (456), Tana River (414), Samburu (315), and Wajir (300).
- In epi-week **23, 2022, Nairobi City** and **Kitui** Counties had the highest attack rates of COVID-19 at **23.49** and **6.34** per **100,000** population respectively when compared to the national attack rate of **3.18/100,000** for the same epi-week.
- In the last 24 hours, **2,484 samples** were tested across various laboratories of which **two hundred and forty-six (246)** samples turned positive for COVID-19, a positivity rate of **9.9%**. Cumulatively, **3,722,562 tests** have been conducted.
- In the last 24 hours, **202** COVID-19 patients (**Health Facility: 4, HBIC: 198**) recovered and were discharged bringing the total number of recoveries and discharges to **320,566**  
(Facility: **53,075,** HBIC: **267,491**).



### 1.1 Epidemiology

Since 13<sup>th</sup> March 2020 when the first case was confirmed in Kenya, a total of **329,353** confirmed cases and **5,651** deaths (**CFR 1.7%**) have been line-listed. **Figure 1 and 2** below shows trends of cases and deaths for the last one year.

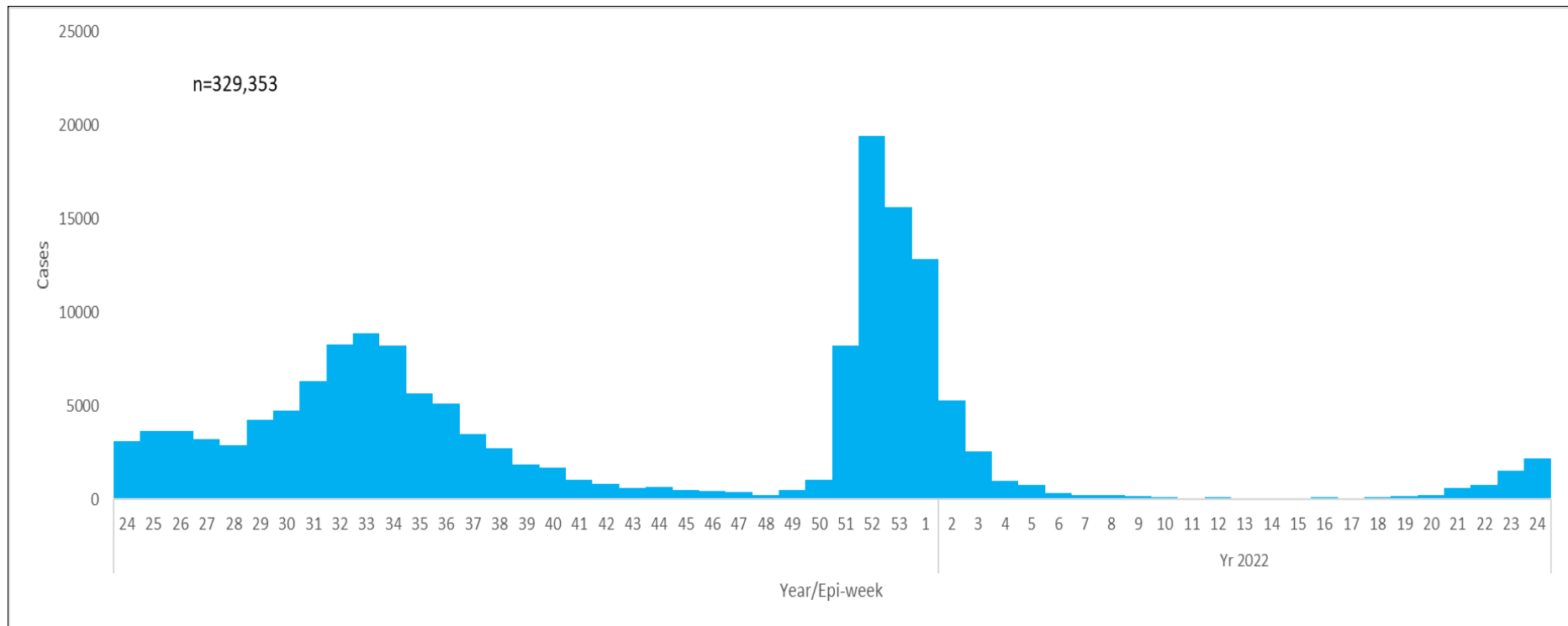
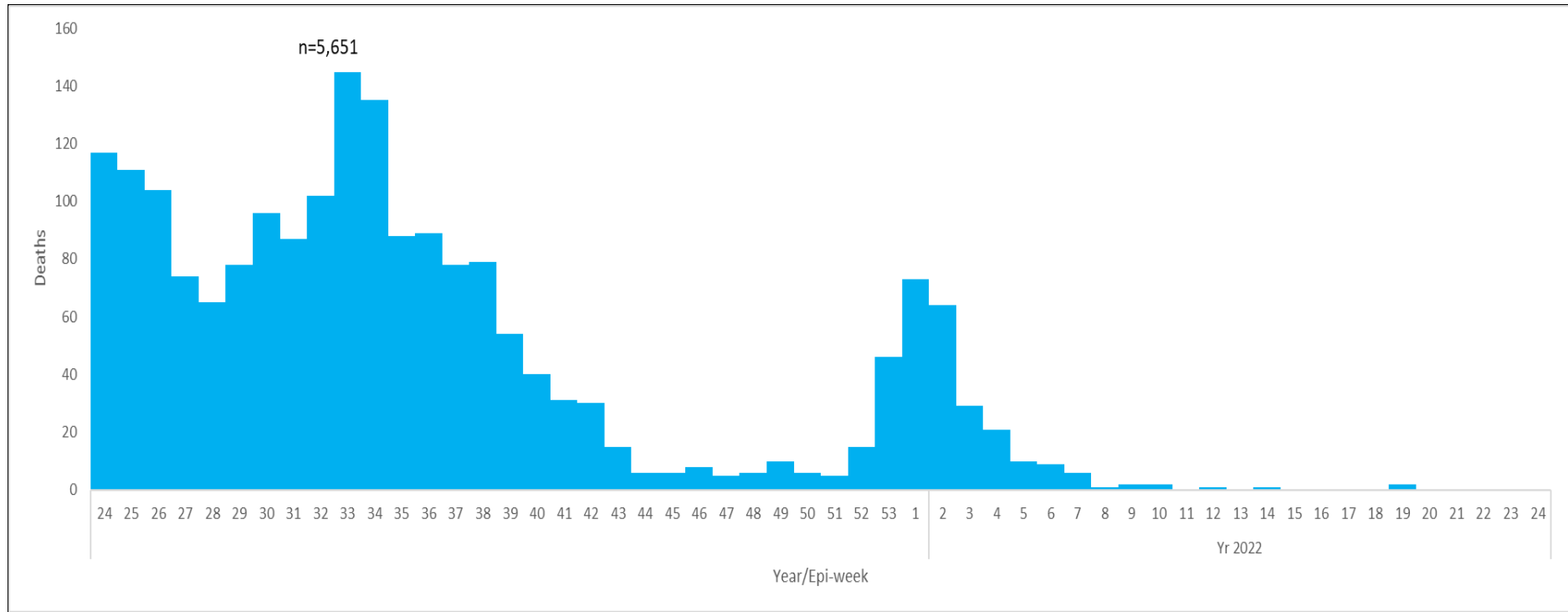


Figure 1: Trends of COVID-19 outbreak in Kenya in the last one year



**Figure 2: Trends of COVID-19 deaths in Kenya in the last one year**

## 1.2 Laboratory testing

WHO recommends that one of the indicators that the pandemic is under control, is when < 5% of samples tested are positive for COVID-19 for the past 2 weeks, assuming that surveillance for suspected cases is comprehensive and the testing rate of suspect cases, is optimum at least 1/1000 population/week. The laboratory test rate currently stands at **78263.8** samples per 1,000,000 people. Figure 3 shows the weekly testing rate/1000 population/week for the last year.

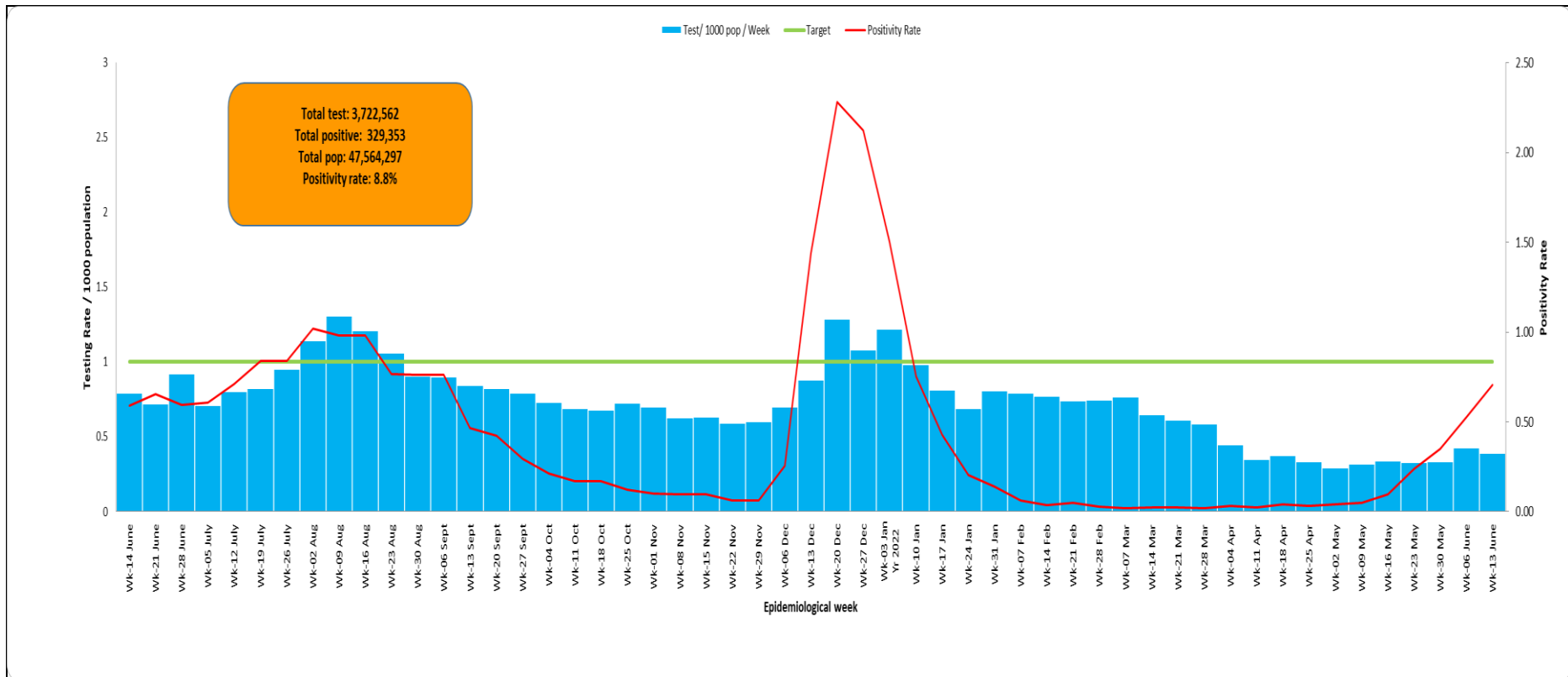


Figure 3: Laboratory Tests Conducted by Date Results were Shared

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

A total of **185,551 (56%)** of the cumulative cases are males and **143,802 (44%)** are females. Most cases, **85,011 (26%)** are in the age group of **30-39 years**. Of the **5651** cumulative deaths, **3,596 (64%)** are males and **2,055 (36%)** are females.

Figure 4 below shows the age and sex distribution of COVID-19 cases by the outcome.

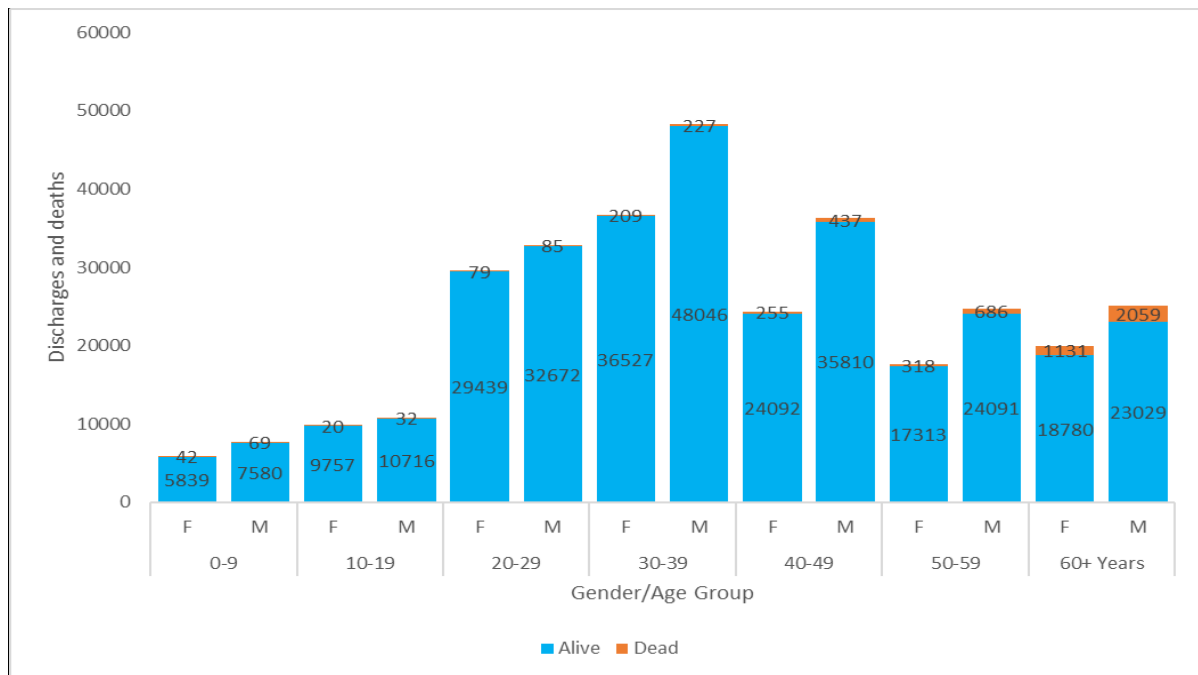


Figure 4: Age and Sex Distribution of COVID-19 Cases by the outcome in Kenya

### 1.4 Distribution of Confirmed COVID-19 Cases and Deaths by County of Diagnosis

Of the **329,353** cumulative cases, **135,125 (41%)** are from **Nairobi** County followed by **Kiambu** County with **20,673 (6.3%)**, while **Wajir** County recorded the lowest number of cases, **300 (0.09%)** as shown in Table 1.

Table 1: Distribution of confirmed COVID-19 Cases and deaths by County of Diagnosis

County	Population	Covid-19 Cases	Attack Rates	Deaths	CFR
Nairobi	4397073	135125	3073.07	1553	1.15
Kiambu	2417735	20673	855.06	549	2.66
Mombasa	1208333	18035	1492.55	337	1.87
Nakuru	2162202	17233	797.01	532	3.09
Uasin Gishu	1163186	10626	913.53	243	2.29
Kisumu	1155574	7849	679.23	85	1.08
Machakos	1421932	7624	536.17	194	2.54

County	Population	Covid-19 Cases	Attack Rates	Deaths	CFR
Kajiado	1117840	7616	681.31	77	1.01
Kilifi	1453787	7098	488.24	35	0.49
Busia	893681	6546	732.48	53	0.81
Siaya	993183	6532	657.68	120	1.84
Nyeri	759164	6023	793.37	172	2.86
Kericho	901777	5789	641.95	68	1.17
Kitui	1136187	5059	445.26	111	2.19
Murang'a	1056640	4516	427.39	230	5.09
Kakamega	1867579	4209	225.37	119	2.83
Meru	1545714	4092	264.73	113	2.76
Kisii	1266860	3733	294.67	112	3.00
Migori	1116436	3354	300.42	62	1.85
Laikipia	518560	3234	623.65	26	0.80
Bungoma	1670570	3229	193.29	5	0.15
Makueni	987653	3078	311.65	101	3.28
Nyandarua	638289	2993	468.91	67	2.24
Turkana	841353	2680	289.11	24	0.90
Garissa	926976	2677	318.18	97	3.62
Embu	608599	2649	435.26	62	2.34
Trans Nzoia	990341	2369	239.21	9	0.38
Nandi	885711	2360	266.45	34	1.44
Kirinyaga	610411	2260	370.24	76	3.36
Homa Bay	1131950	2115	186.85	96	4.54
Nyamira	605576	2086	344.47	18	0.86
Taita Taveta	340671	2048	601.17	42	2.05
Baringo	666763	1682	252.26	14	0.83
Bomet	875689	1679	191.73	29	1.73
Narok	1157873	1372	118.49	24	1.75
Kwale	866820	1356	156.43	11	0.81
Tharaka Nithi	393177	1241	315.63	8	0.64
Vihiga	590013	1097	185.93	30	2.73
Marsabit	459785	997	216.84	2	0.20
West Pokot	621241	855	137.63	1	0.12
Isiolo	268002	774	288.80	43	5.56
Lamu	143920	773	537.10	13	1.68
Elgeyo Marakwet	454480	532	117.06	10	1.88
Mandera	867457	456	52.57	36	7.89
Tana River	315943	414	131.04	1	0.24
Samburu	310327	315	101.51	1	0.32
Wajir	781263	300	38.40	6	2.00

### 1.5 Map of Kenya showing COVID-19 attack rate and by County per 100,000 population

In Epi -week 23, Nairobi City County recorded the highest attack rate of 23.49 followed by Kitui County at 6.34 per 100,000 population (Figure 5).

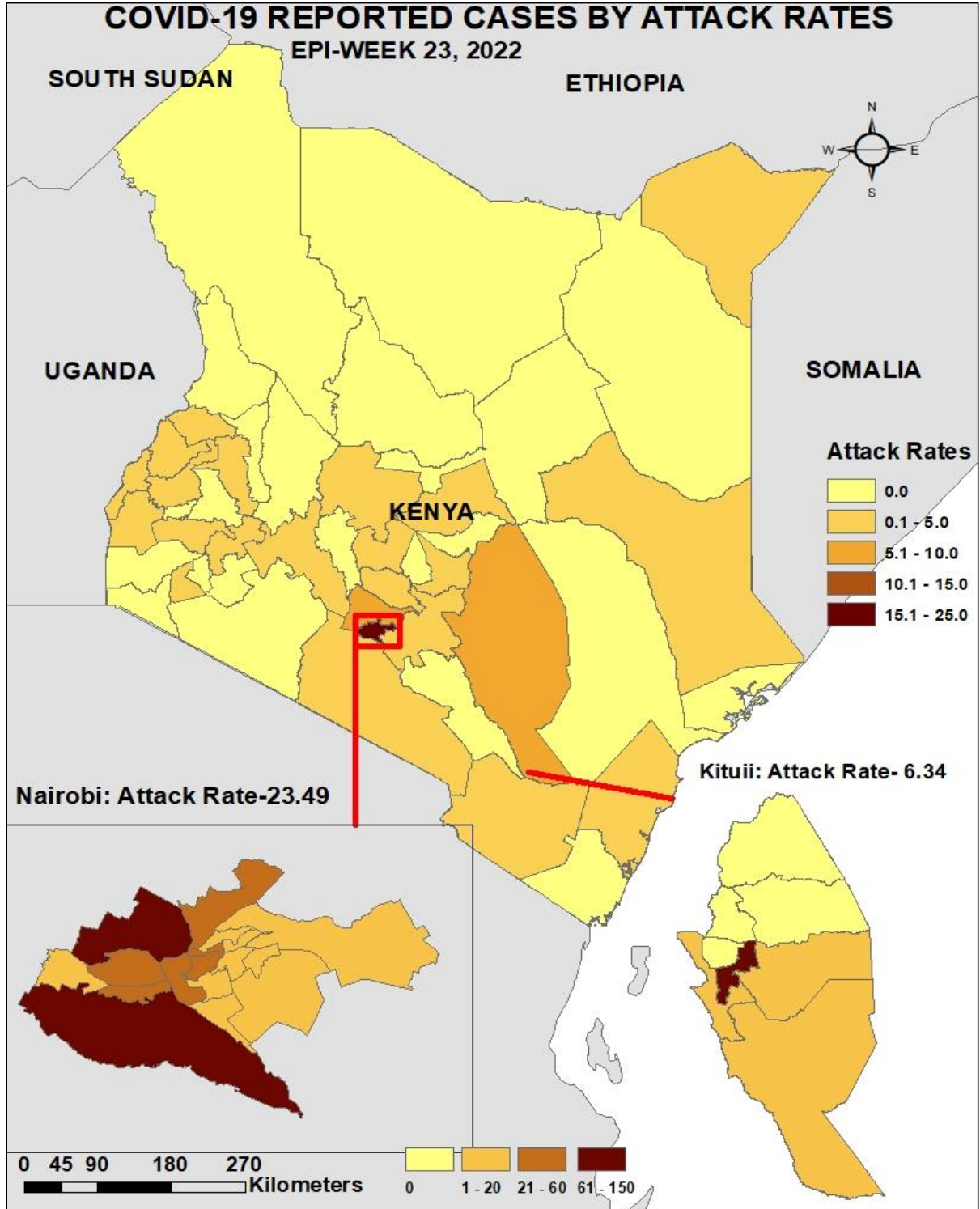


Figure 5: County Attack Rate per 100,000 Population

### 1.6 Map of Kenya showing COVID-19 caseload by County

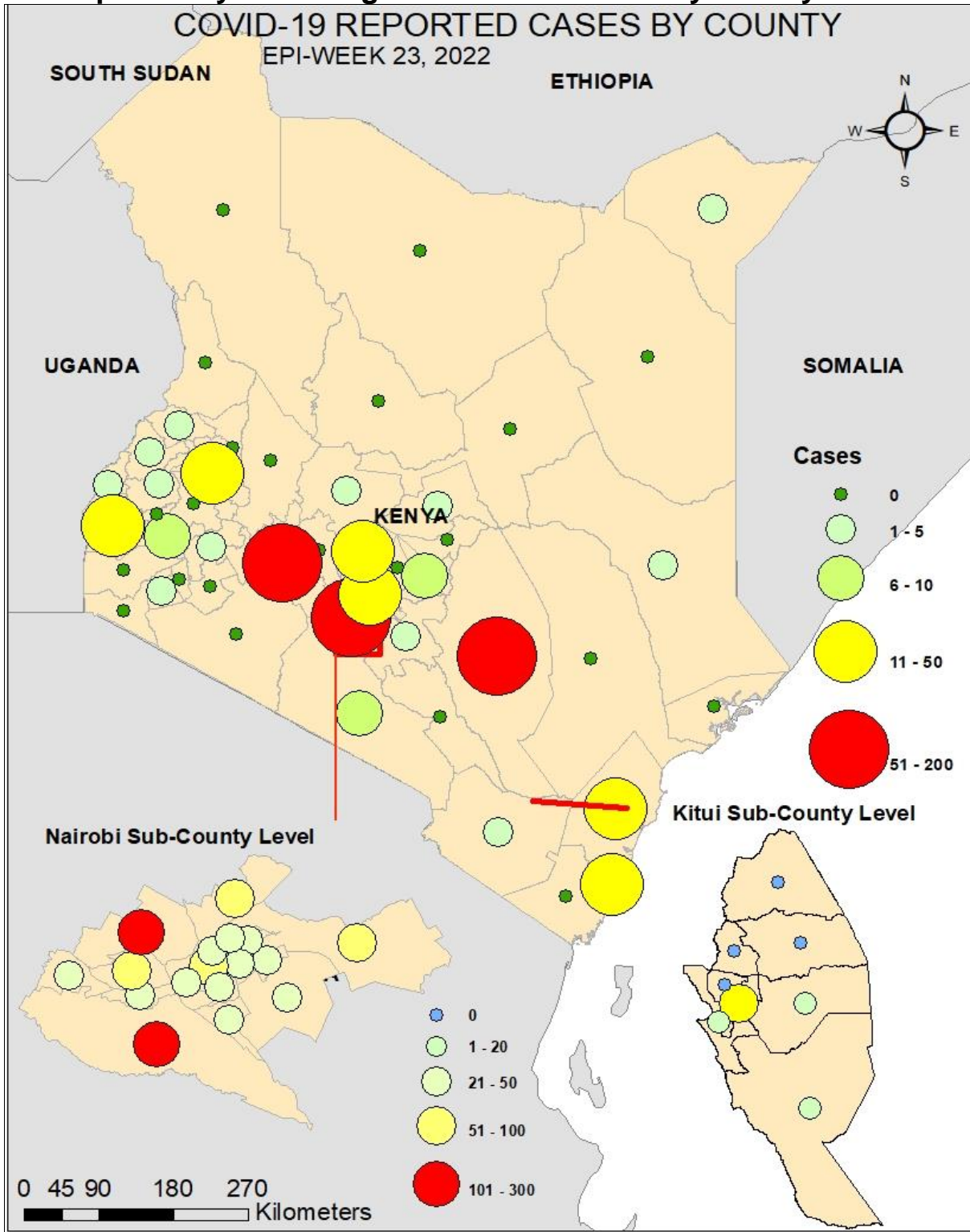


Figure 6 Case-loads by county



## 1.7 Kenya COVID-19 Vaccination Updates



**Partially vaccinated: >18yrs- 2,464,219**    **15 to <18 yrs- 814,471**    **<15yrs- 33,344**  
**Fully Vaccinated: >18yrs- 8,574,919**    **15 to <18 yrs- 338,708**    **<15yrs- 6,360**  
**Booster Doses: >18yrs – 403,467**

The Kenya Ministry of Health launched the National COVID-19 vaccinations on the 5<sup>th</sup> of March 2021. As of **18<sup>th</sup> June 2022**, a total of **2,464,219 persons** were vaccinated with the 1<sup>st</sup> dose, and **8,574,919 persons** were fully vaccinated.

*Table 2: Vaccine Doses Dispensed as of 18<sup>th</sup> June 2022*

Vaccine	Total doses Administered
Partially vaccinated adults	<b>2,464,219</b>
Fully vaccinated adults	<b>8,574,919</b>
Booster doses	<b>403,467</b>
Total doses (All Vaccines + Sputnik)	<b>18,573,028</b>
Partially Vaccinated 15- below 18 years	<b>814,471</b>
Fully Vaccinated 15- below 18 years	<b>338,708</b>
Partially Vaccinated below 15 years	<b>33,344</b>
Fully Vaccinated below 15 years	<b>6,360</b>
% of adults fully vaccinated	<b>31.5%</b>

The highest proportion of the population fully vaccinated is in Nyeri County at 53% and the least is Marsabit County at 9.9% (Table 3).

**Table 3: Proportion of fully Vaccinated by County, 18<sup>th</sup> June 2022**

County	Number of adults fully vaccinated	Target Population above 18 years	% of fully vaccinated adults	County	Number of adults fully vaccinated	Target Population above 18 years	% of fully vaccinated adults
Nyeri	270,458	510,028	<b>53.0%</b>	Kajiado	193,267	663,201	<b>29.1%</b>
Nairobi	1,519,096	3,052,494	<b>49.8%</b>	Kericho	144,920	508,980	<b>28.5%</b>
Kakamega	405,551	982,838	<b>41.3%</b>	Makueni	165,687	584,379	<b>28.4%</b>
Nakuru	494,818	1,273,265	<b>38.9%</b>	Homa Bay	172,212	608,326	<b>28.3%</b>
Laikipia	118,517	306,448	<b>38.7%</b>	Meru	253,583	949,186	<b>26.7%</b>
Kisumu	253,294	656,147	<b>38.6%</b>	Nandi	125,436	492,652	<b>25.5%</b>
Taita Taveta	81,104	213,335	<b>38.0%</b>	Elgeyo Marakwet	60,055	243,690	<b>24.6%</b>
Kirinyaga	156,074	413,708	<b>37.7%</b>	Baringo	74,371	338,937	<b>21.9%</b>
Siaya	193,848	536,031	<b>36.2%</b>	Lamu	17,055	83,433	<b>20.4%</b>
Kiambu	583,883	1,623,545	<b>36.0%</b>	Samburu	25,589	145,608	<b>17.6%</b>
Machakos	313,566	905,172	<b>34.6%</b>	Turkana	81,470	468,878	<b>17.4%</b>
Vihiga	113,218	329,317	<b>34.4%</b>	Kitui	107,503	624,506	<b>17.2%</b>
Muranga	229,070	675,364	<b>33.9%</b>	Kwale	74,317	451,261	<b>16.5%</b>
Uasin Gishu	225,510	693,570	<b>32.5%</b>	Bomet	75,654	465,963	<b>16.2%</b>
Trans Nzoia	167,307	518,077	<b>32.3%</b>	Kilifi	120,479	784,567	<b>15.4%</b>
Migori	175,016	557,657	<b>31.4%</b>	Narok	83,385	548,229	<b>15.2%</b>
Mombasa	250,505	804,202	<b>31.1%</b>	West Pokot	41,259	283,727	<b>14.5%</b>
Embu	122,797	395,980	<b>31.0%</b>	Garissa	52,699	399,358	<b>13.2%</b>
Tharaka Nithi	76,217	246,699	<b>30.9%</b>	Isiolo	17,405	133,358	<b>13.1%</b>
Bungoma	259,441	843,735	<b>30.7%</b>	Wajir	37,075	337,296	<b>11.0%</b>
Nyamira	104,884	341,397	<b>30.7%</b>	Tana River	16,201	151,051	<b>10.7%</b>
Nyandarua	114,629	376,776	<b>30.4%</b>	Mandera	35,391	341,857	<b>10.4%</b>
Kisii	209,701	697,445	<b>30.1%</b>	Marsabit	21,716	219,170	<b>9.9%</b>
Busia	139,686	465,190	<b>30.0%</b>	<b>Total</b>	<b>8,574,919</b>	<b>27,246,033</b>	<b>31.5%</b>

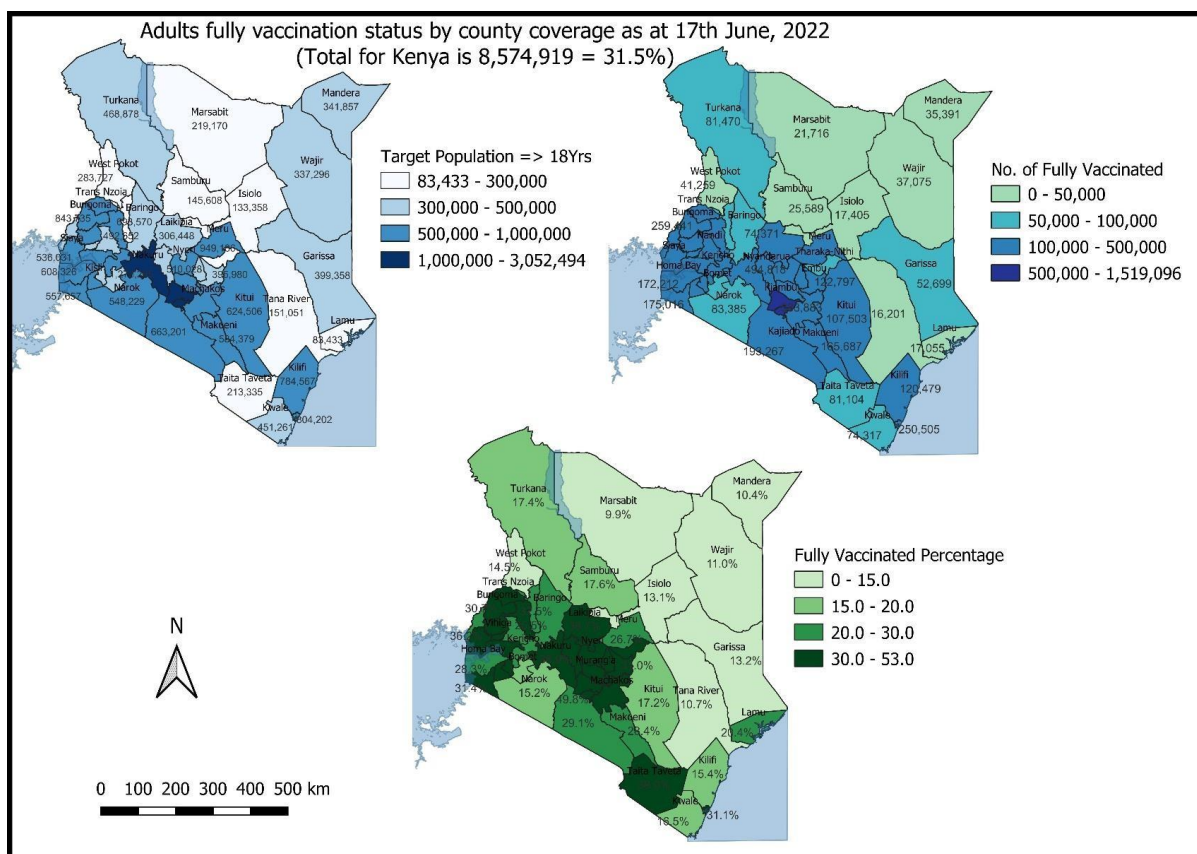


Figure 7: Adult full vaccination coverage by county

## 2.0 KEY ACTIONS

### 2.1 Coordination

- Response efforts continue to be coordinated through a whole government and multi-agency approach following Executive Order No. 2 of 2021 issued by His Excellency the President on 26<sup>th</sup> March 2021.
- The National Emergency Response Committee that was constituted following the executive order meets regularly to provide policy directions on response efforts towards the COVID-19 outbreak.
- The Public Health Emergency Operation Centre is fully activated and continues to coordinate response measures as well as provide daily situation reports informing planning.

### 2.2 Case Management and Infection Prevention & Control

- Currently, COVID-19 cases are being managed as inpatients and in home-based care
- One (1) COVID-19 case is currently admitted to the intensive care unit on ventilatory support, zero (0) on supplemental oxygen, and zero (0) under observation.

- The IPC measures being implemented include: handwashing/sanitization, use of face masks in public transport, and social distancing in social places

### **2.3 Surveillance, laboratory, and Point of Entries**

- The Diagnostic capacity in the Country has been scaled up. A total of ninety-six (96) public and private laboratories conduct PCR tests and 472 Rapid Diagnostic Tests (RDT). Genomic sequencing is done on sampled cases to identify new variants.
- Screening of cargo vessel crew at all points of entry to detect positive individuals.

### **3.0 KEY CHALLENGES**

- Irregular reporting of COVID-19 data from counties/sub-counties to the national level
- High staff turn-over of trained personnel
- Suboptimal use of data in counties and sub-counties shared by national level for follow-up and decision making
- Inadequate resources to facilitate critical response pillars limiting response capacity in detecting, investigating, and follow-up of cases.

### **4.0 RECOMMENDATIONS AND NEXT STEPS**

- Enhanced integrated disease surveillance at all levels
- Regular submission of daily COVID-19 data to the national level by counties
- Counties are encouraged to carry out investigations and institute control measures for areas with clustering of cases.
- Dissemination and utilization of data to make informed public health decisions at all levels
- Continuous capacity building of staff on surveillance

## **Emergency Operation Center:**

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

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

COVID-19 Dashboard: [https://khro.health.go.ke/#/covid\\_19\\_tracker](https://khro.health.go.ke/#/covid_19_tracker)

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