



MINISTRY OF HEALTH

DATA AS REPORTED BY 1700 HOURS 13 May 2022

# COVID-19 OUTBREAK IN KENYA

## DAILY SITUATION REPORT – 787

### 1. KEY HIGHLIGHTS

- Twenty-three (23)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **323,975 cases** as of **13 May 2022**. Counties reporting new cases are **Nairobi (18), Uasin Gishu (4), and Kiambu (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 **5649, case fatality rate (CFR) is 1.7%**
- All **47 counties** have cumulatively reported cases as follows: Nairobi (131,437), Kiambu (20183), Mombasa (17946), Nakuru (17070), Uasin Gishu (10568), Kisumu (7800), Machakos (7621), Kajiado (7597), Kilifi (7003), Busia (6539), Siaya (6431), Nyeri (5865), Kericho (5773), Kitui (4893), Murang'a (4442), Kakamega (4201), Meru (4085), Kisii (3721), Migori (3352), Laikipia (3220), Bungoma (3150), Makueni (3075), Nyandarua (2986), Turkana (2671), Garissa (2668), Embu (2638), Trans Nzoia (2367), Nandi (2360), Kirinyaga (2257), Homa Bay (2114), Nyamira (2080), Taita Taveta (2046), Baringo (1682), Bomet (1678), Narok (1370), Kwale (1346), Tharaka Nithi (1241), Vihiga (1097), Marsabit (997), West pokot (855), Isiolo (773), Lamu (770), Elgeyo Marakwet (532), Mandera (443), Tana River (409), Samburu (315), and Wajir (300).
- In epi-week **18, 2022, Nairobi city** and **Kiambu** Counties had the highest attack rates of COVID-19 at **1.59** and **0.49** per **100,000** population respectively when compared to the national attack rate of **0.19/100,000** for the same epi-week.
- In the last 24 hours, **2,646 samples** were tested across various laboratories of which **twenty-three (23)** samples turned positive for COVID-19, a positivity rate of **0.9%**. Cumulatively, **3,628,019 tests** have been conducted.
- In the last 24 hours, **4** COVID-19 patients (**Health Facility: 0, HBIC: 4**) recovered and were discharged bringing the total number of recoveries and discharges to **318,120** (**Facility: 53,028, HBIC: 265,092**).



### 1.1 Epidemiology

Since 13 March 2020 when the first case was confirmed in Kenya, a total of **323,975** confirmed cases and **5,649** deaths (CFR **1.7%**) have been line-listed. **Figure 1 and 2** below shows trends of cases and deaths for the last one year.

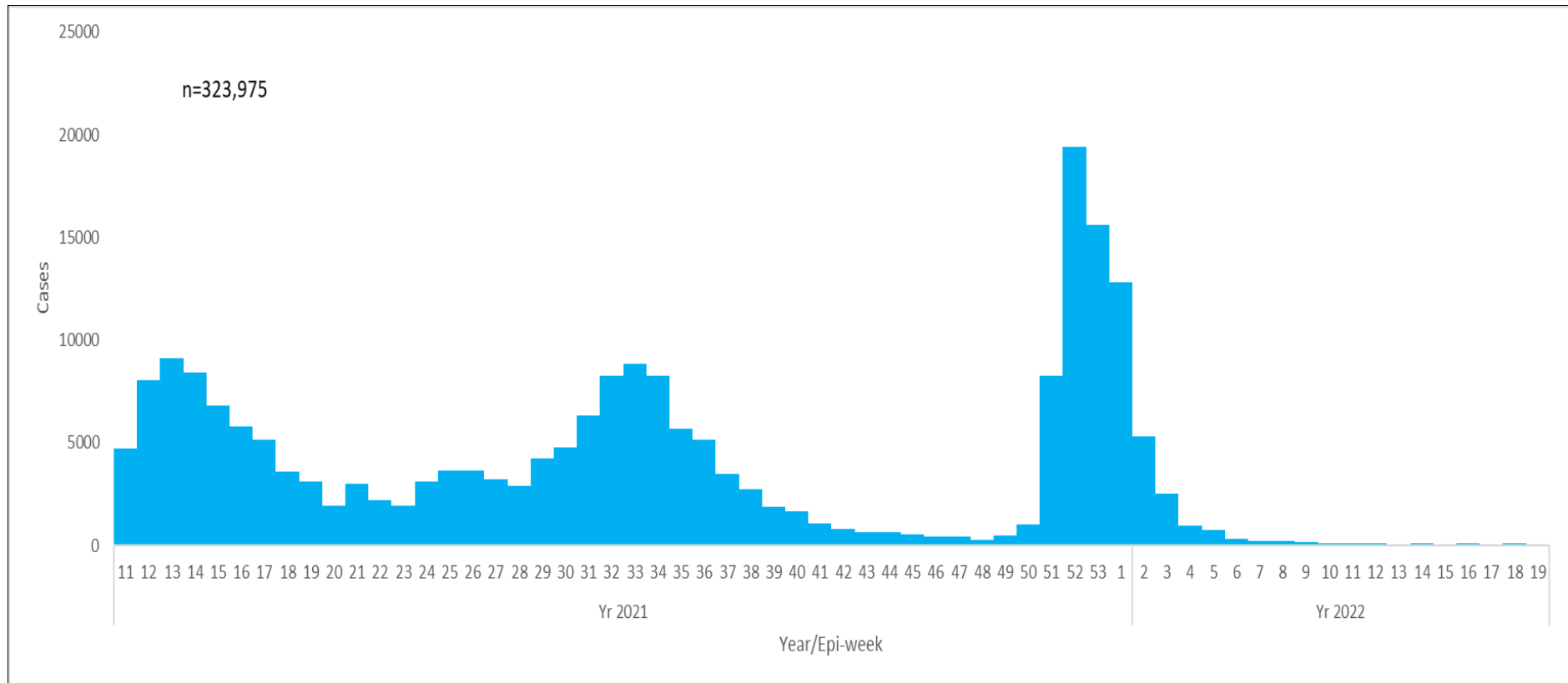
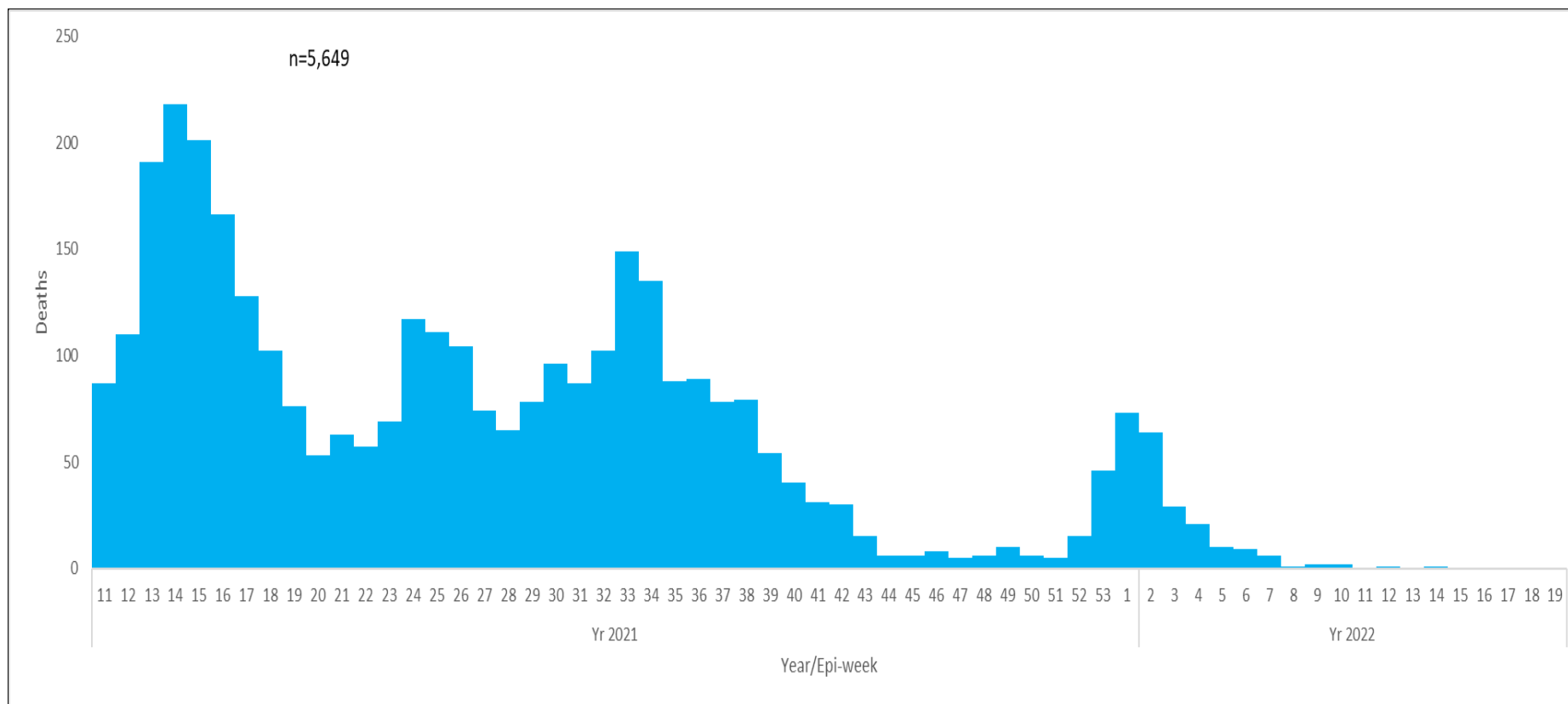


Figure 1: Trends of COVID-19 outbreak in Kenya in the last one year



**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 testing rate of suspect cases, is optimum at least 1/1000 population/week. The laboratory test rate currently stands at **76276.1** samples per 1,000,000 people. Figure 3 shows the weekly testing rate/1000 population/week for the last one year.

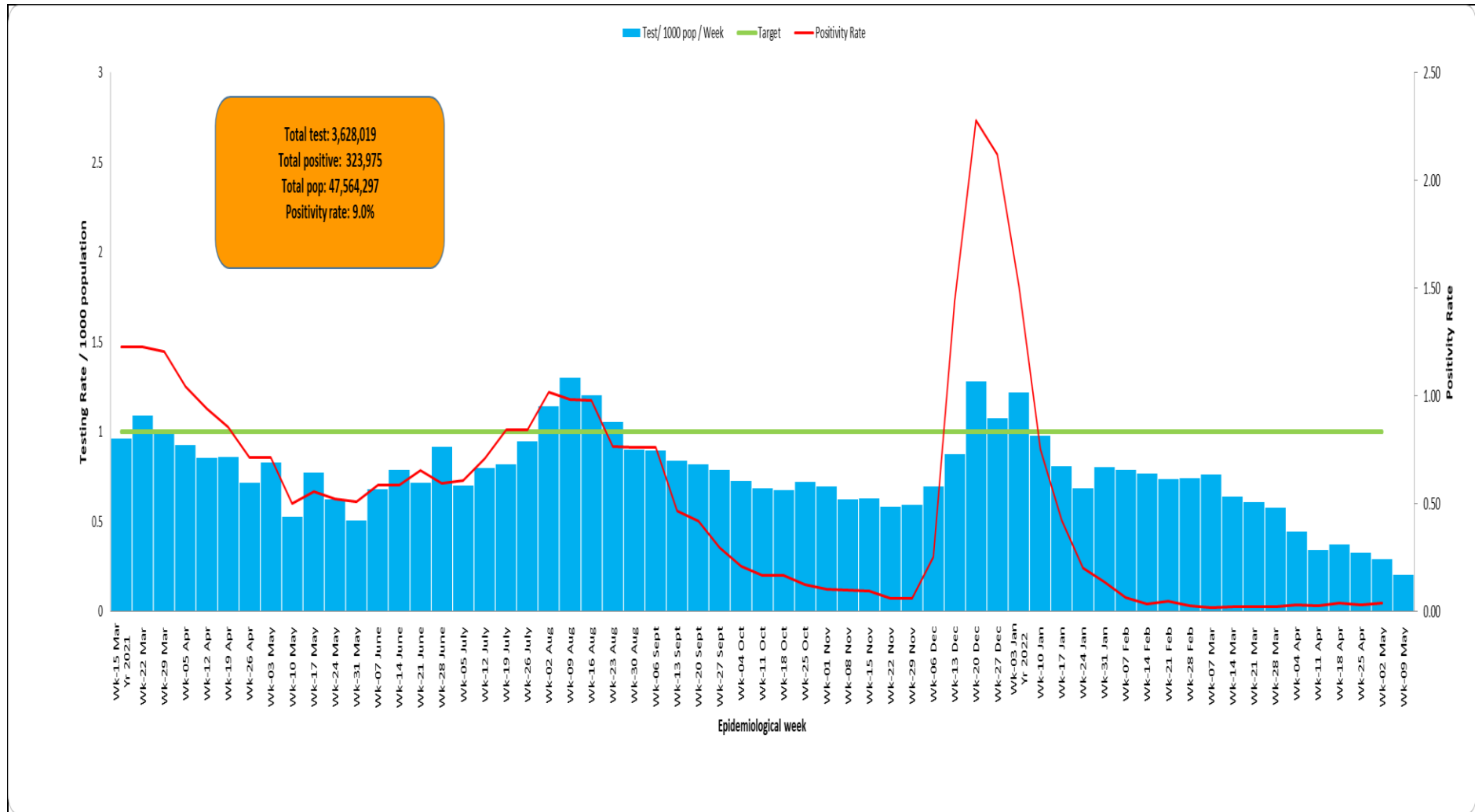


Figure 3: Laboratory Tests Conducted by Date Results were Shared

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

A total of **182,766 (56%)** of the cumulative cases are males and **141,209 (44%)** are females. Most cases, **83,702 (26%)** are in the age group of **30-39 years**. Of the **5649** cumulative deaths, **3,595 (64%)** are males and **2,054 (36%)** are females.

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

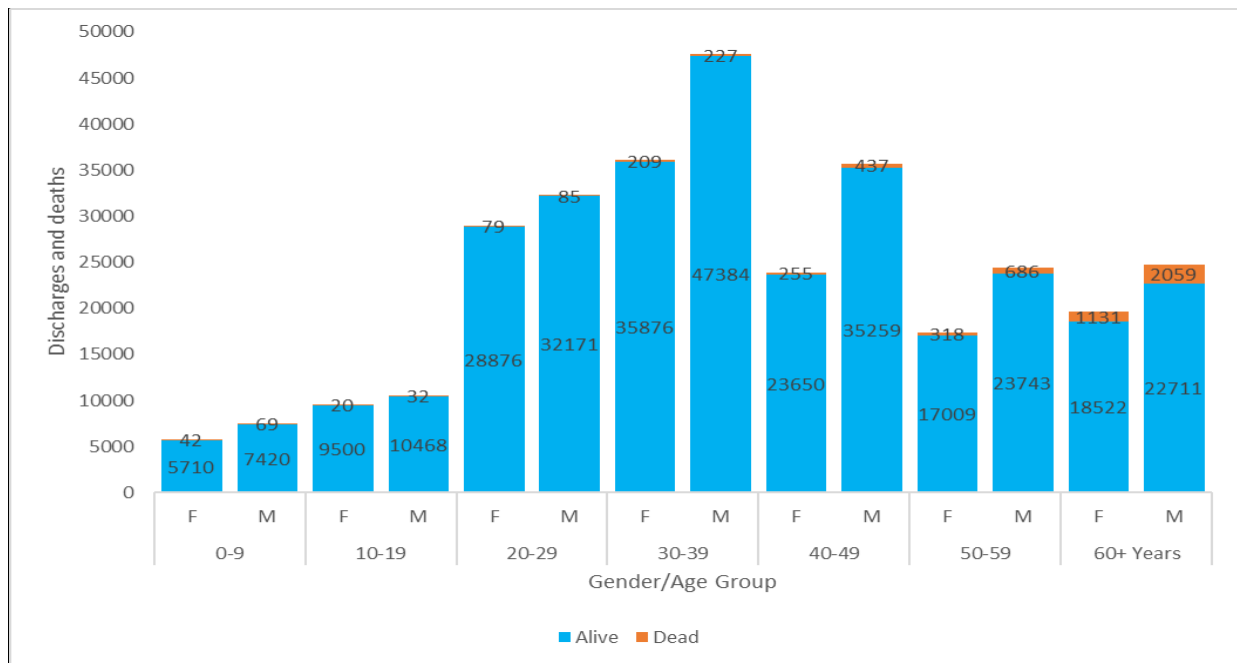


Figure 4: Age and Sex Distribution of COVID-19 Cases by the outcome in Kenya

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

Of the **323,975** cumulative cases, **131,437 (41%)** are from **Nairobi** County followed by **Kiambu** County with **20,183 (6%)**, 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	131437	2989.19	1552	1.18
Kiambu	2417735	20183	834.79	548	2.72
Mombasa	1208333	17946	1485.19	337	1.88
Nakuru	2162202	17070	789.47	532	3.12
Uasin Gishu	1163186	10568	908.54	241	2.29
Kisumu	1155574	7800	674.99	85	1.09
Machakos	1421932	7621	535.96	194	2.55

County	Population	Covid-19 Cases	Attack Rates	Deaths	CFR
Kajiado	1117840	7597	679.61	77	1.01
Kilifi	1453787	7003	481.71	35	0.50
Busia	893681	6540	731.80	53	0.81
Siaya	993183	6431	647.51	120	1.87
Nyeri	759164	5865	772.56	172	2.93
Kericho	901777	5773	640.18	68	1.18
Kitui	1136187	4896	430.91	111	2.27
Murang'a	1056640	4442	420.39	230	5.18
Kakamega	1867579	4201	224.94	119	2.83
Meru	1545714	4085	264.28	113	2.77
Kisii	1266860	3721	293.72	112	3.01
Migori	1116436	3352	300.24	62	1.85
Laikipia	518560	3221	621.14	26	0.81
Bungoma	1670570	3151	188.62	5	0.16
Makueni	987653	3075	311.34	101	3.28
Nyandarua	638289	2986	467.81	67	2.24
Turkana	841353	2671	288.14	24	0.90
Garissa	926976	2668	317.11	97	3.64
Embu	608599	2638	433.45	62	2.35
Trans Nzoia	990341	2367	239.01	9	0.38
Nandi	885711	2360	266.45	34	1.44
Kirinyaga	610411	2257	369.75	76	3.37
Homa Bay	1131950	2114	186.76	96	4.54
Nyamira	605576	2081	343.64	18	0.86
Taita Taveta	340671	2046	600.58	42	2.05
Baringo	666763	1682	252.26	14	0.83
Bomet	875689	1678	191.62	29	1.73
Narok	1157873	1370	118.32	24	1.75
Kwale	866820	1347	155.40	11	0.82
Tharaka Nithi	393177	1241	315.63	8	0.64
Vihiga	590013	1097	185.93	30	2.74
Marsabit	459785	997	216.84	2	0.20
West Pokot	621241	855	137.63	1	0.12
Isiolo	268002	773	288.43	43	5.56
Lamu	143920	770	535.02	13	1.69
Elgeyo Marakwet	454480	532	117.06	10	1.88
Mandera	867457	443	51.07	36	8.18
Tana River	315943	409	129.45	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 18**, **Nairobi city** County recorded the highest attack rate of **1.59** followed by **Kiambu County** at **0.49** per 100,000 population (Figure 5).

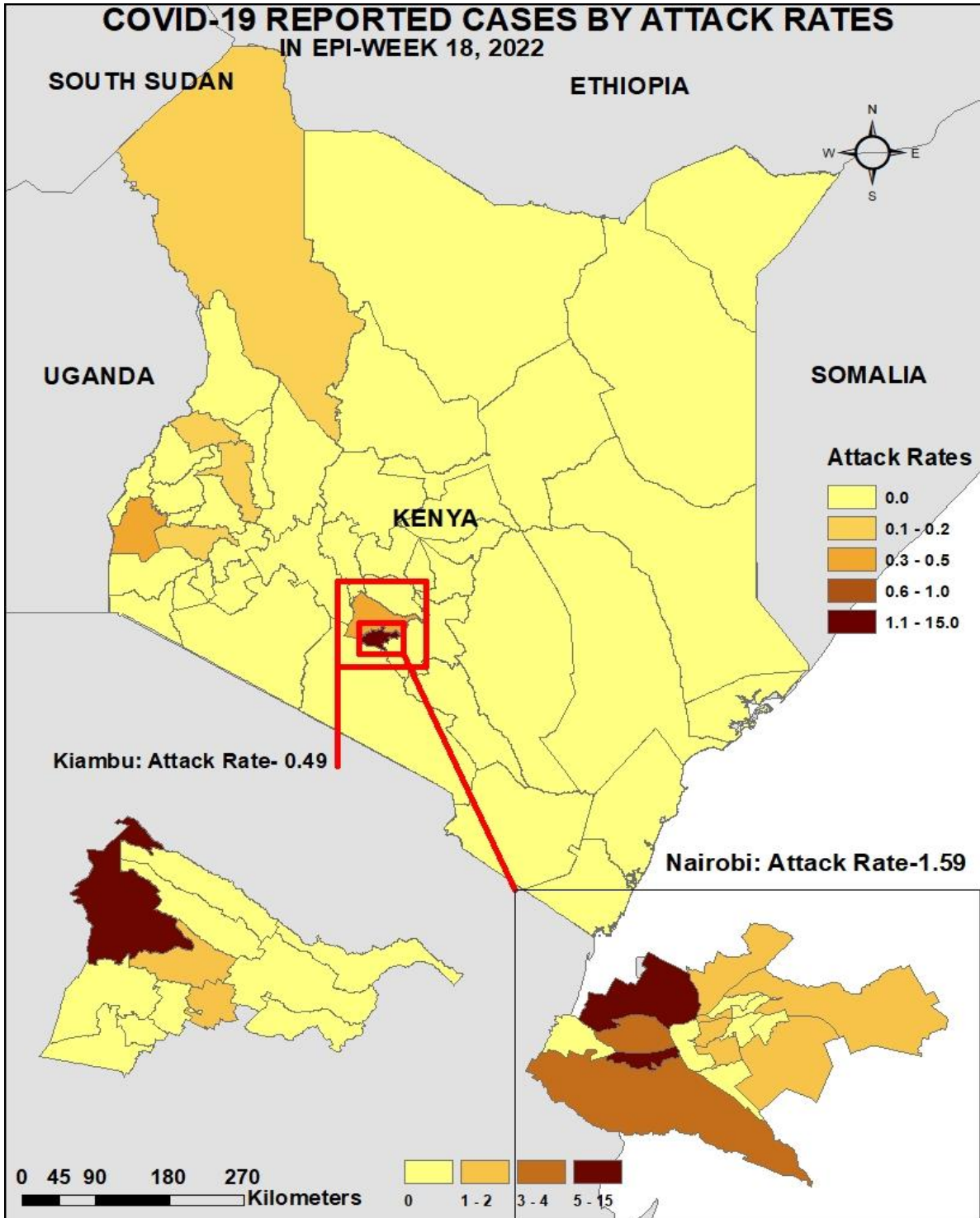


Figure 5: County Attack Rate per 100,000 Population



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

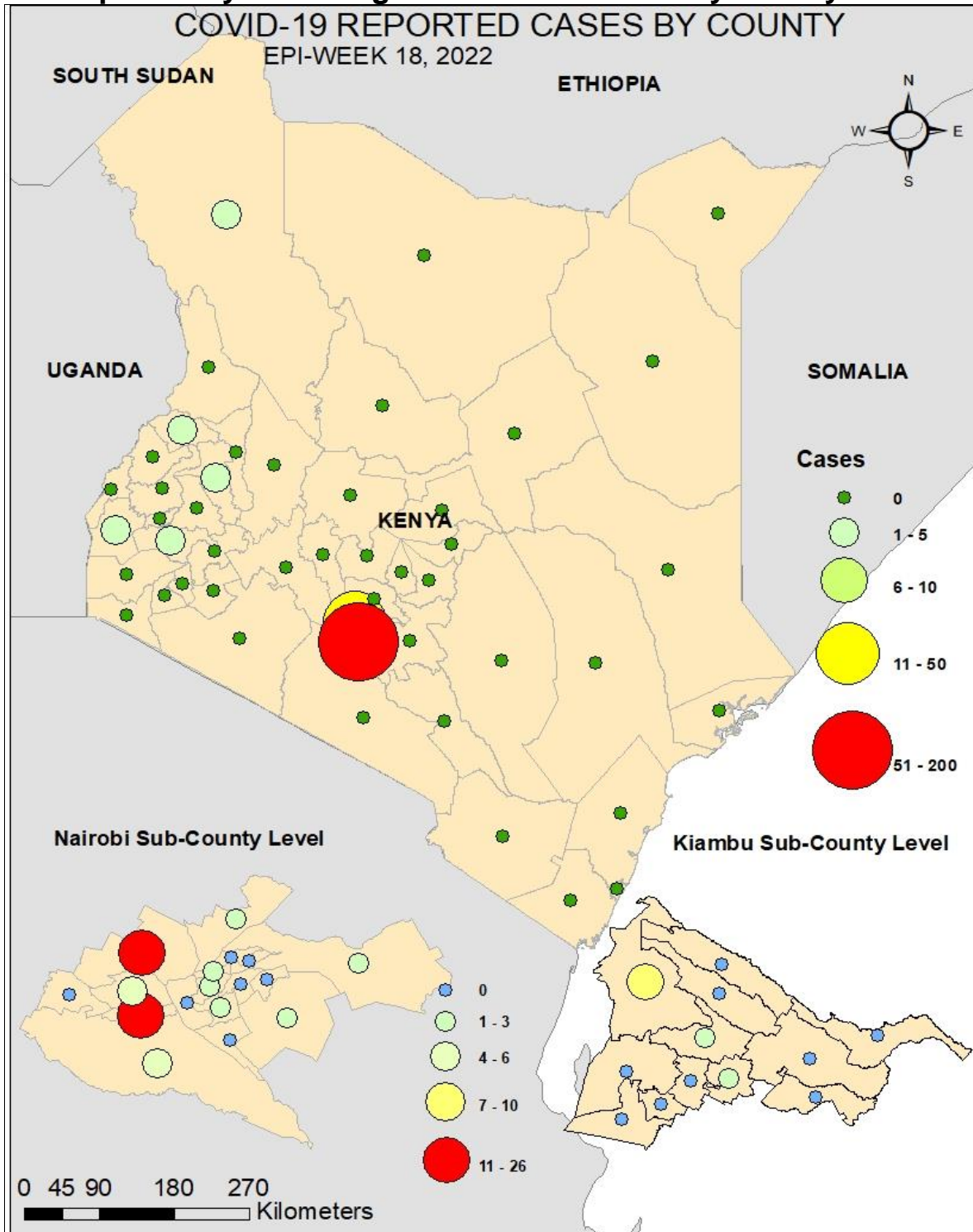


Figure 6 Case-loads by county

## 1.7 Kenya COVID-19 Vaccination Updates



**Partially vaccinated:** Adults- **2,527,862**

**Fully Vaccinated:** Adults- **8,346,459**

**Booster Doses:** - **310,893**



15 to <18 years- **824,546**

15 to <18 years- **240,025**

The Kenya Ministry of Health launched the National COVID-19 vaccinations on the 5<sup>th</sup> March 2021. As of **12<sup>th</sup> May 2022**, a total of **2,527,862 persons** were vaccinated with the 1<sup>st</sup> dose, and **8,346,459 persons** were fully vaccinated.

*Table 2: Vaccine Doses Dispensed as of 12<sup>th</sup> May 2022*

Vaccine	Total doses Administered
Partially vaccinated adults	<b>2,527,862</b>
Fully vaccinated adults	<b>8,346,459</b>
Booster doses	<b>310,893</b>
Total doses (All Vaccines + Sputnik)	<b>17,992,422</b>
Partially Vaccinated 15- below 18 years	<b>824,546</b>
Fully Vaccinated 15- below 18 years	<b>240,025</b>
% of adults fully vaccinated	<b>30.6%</b>

The highest proportion of the population fully vaccinated is in Nyeri County at 52.8% and the least is Marsabit County at (9.7%) (Table 3).

**Table 3: Proportion of fully Vaccinated by County, 12<sup>th</sup> May 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	269,101	510,028	<b>52.8%</b>	Kericho	143,512	508,980	<b>28.2%</b>
Nairobi	1,478,535	3,052,494	<b>48.4%</b>	Kajiado	186,088	663,201	<b>28.1%</b>
Kakamega	385,396	982,838	<b>39.2%</b>	Makueni	160,936	584,379	<b>27.5%</b>
Nakuru	480,883	1,273,265	<b>37.8%</b>	Meru	252,965	949,186	<b>26.7%</b>
Kirinyaga	155,150	413,708	<b>37.5%</b>	Homa Bay	160,190	608,326	<b>26.3%</b>
Laikipia	114,921	306,448	<b>37.5%</b>	Nandi	124,764	492,652	<b>25.3%</b>
Taita Taveta	79,799	213,335	<b>37.4%</b>	Elgeyo Marakwet	59,968	243,690	<b>24.6%</b>
Kisumu	233,319	656,147	<b>35.6%</b>	Baringo	73,905	338,937	<b>21.8%</b>
Kiambu	575,468	1,623,545	<b>35.4%</b>	Lamu	16,822	83,433	<b>20.2%</b>
Vihiga	112,807	329,317	<b>34.3%</b>	Samburu	25,113	145,608	<b>17.2%</b>
Siaya	183,073	536,031	<b>34.2%</b>	Kitui	105,344	624,506	<b>16.9%</b>
Machakos	303,650	905,172	<b>33.5%</b>	Turkana	78,315	468,878	<b>16.7%</b>
Uasin Gishu	223,575	693,570	<b>32.2%</b>	Kwale	72,866	451,261	<b>16.1%</b>
Muranga	211,094	675,364	<b>31.3%</b>	Bomet	75,200	465,963	<b>16.1%</b>
Trans Nzoia	161,161	518,077	<b>31.1%</b>	Narok	82,907	548,229	<b>15.1%</b>
Embu	122,197	395,980	<b>30.9%</b>	Kilifi	117,609	784,567	<b>15.0%</b>
Tharaka Nithi	75,895	246,699	<b>30.8%</b>	West Pokot	41,062	283,727	<b>14.5%</b>
Mombasa	246,110	804,202	<b>30.6%</b>	Isiolo	17,223	133,358	<b>12.9%</b>
Nyamira	104,160	341,397	<b>30.5%</b>	Garissa	51,292	399,358	<b>12.8%</b>
Bungoma	257,387	843,735	<b>30.5%</b>	Wajir	37,050	337,296	<b>11.0%</b>
Nyandarua	114,240	376,776	<b>30.3%</b>	Tana River	16,069	151,051	<b>10.6%</b>
Migori	166,585	557,657	<b>29.9%</b>	Mandera	35,277	341,857	<b>10.3%</b>
Kisii	203,637	697,445	<b>29.2%</b>	Marsabit	21,309	219,170	<b>9.7%</b>
Busia	132,530	465,190	<b>28.5%</b>	<b>Total</b>	<b>8,346,459</b>	<b>27,246,033</b>	<b>30.6%</b>

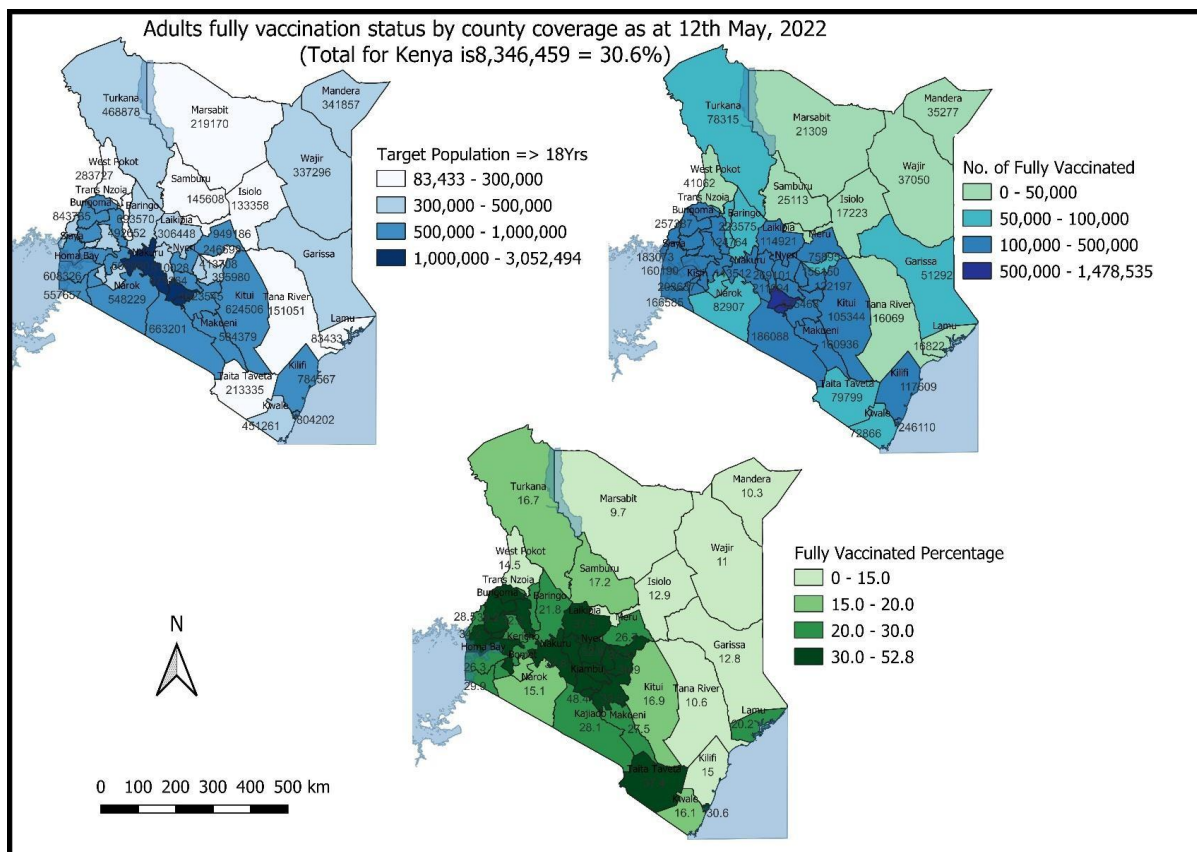


Figure 7: Adult full vaccination coverage by county

## 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
- Zero (0) COVID-19 case is currently admitted in the intensive care unit in 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)