



MINISTRY OF HEALTH

DATA AS REPORTED BY 1700 HOURS 05 JULY 2022

COVID-19 OUTBREAK IN KENYA

DAILY SITUATION REPORT – 840

1. KEY HIGHLIGHTS

- Two hundred and forty-nine (249)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **334,800 cases** as of **5th July 2022**. Counties reporting new cases are **Nairobi (103), Siaya (27), Kiambu (20), Nakuru (15), Kilifi (14), Kericho (8), Mombasa (7), Homa Bay (7), West Pokot (6), Kisumu (6), Machakos (5), Migori (5), Kitui (4), Murang'a (3), Meru (3), Kakamega (3), Embu (2), Uasin Gishu (2), Garissa (2), Laikipia (2), Busia (1), Nyeri (1), Kisii (1), Kajiado (1) and Taita Taveta (1)**.
- One (1) late death has been reported over the last 24 hrs.** The total number of cumulative deaths reported since the beginning of the outbreak is **5657, case fatality rate (CFR) is 1.7%**
- All **47 counties** have cumulatively reported cases as follows: Nairobi (138,086), Kiambu (21,054), Mombasa (18,156), Nakuru (17,479), Uasin Gishu (10,746), Kisumu (7,914), Machakos (7,685), Kajiado (7,659), Kilifi (7,272), Siaya (6,850), Busia (6,576), Nyeri (6,134), Kericho (5,879), Kitui (5,175), Murang'a (4,631), Kakamega (4,239), Meru (4,112), Kisii (3,748), Migori (3,362), Laikipia (3,288), Bungoma (3,263), Makueni (3,092), Nyandarua (3,014), Garissa (2,736), Turkana (2,681), Embu (2,670), Trans Nzoia (2,400), Nandi (2,360), Kirinyaga (2,300), Homa Bay (2,132), Nyamira (2,111), Taita Taveta (2,051), Bomet (1,690), Baringo (1,691), Narok (1,384), Kwale (1,363), Tharaka Nithi (1,241), Vihiga (1,097), Marsabit (997), West Pokot (866), Lamu (779), Isiolo (773), Elgeyo Marakwet (532), Mandera (457), Tana River (451), Samburu (319), and Wajir (300).
- In epi-week **26, 2022, Nairobi City** and **Siaya** Counties had the highest attack rates of COVID-19 at **21.01** and **11.48** per **100,000** population respectively when compared to the national attack rate of **3.77/100,000** for the same epi-week.
- In the last 24 hours, **2,572 samples** were tested across various laboratories of which **two hundred and forty-nine (249)** samples turned positive for COVID-19, a positivity rate of **9.7%**. Cumulatively, **3,769,558 tests** have been conducted.
- In the last 24 hours, **248** COVID-19 patients (**Health Facility: 8, HBIC: 240**) recovered and were discharged bringing the total number of recoveries and discharges to **325,686**
(Facility: **53,260,** HBIC: **272,426**).



1.1 Epidemiology

Since 13th March 2020 when the first case was confirmed in Kenya, a total of **334,800** confirmed cases and **5,657** deaths (CFR **1.7%**) have been line-listed. **Figure 1 and 2** below shows trends of cases and deaths for the last one year.

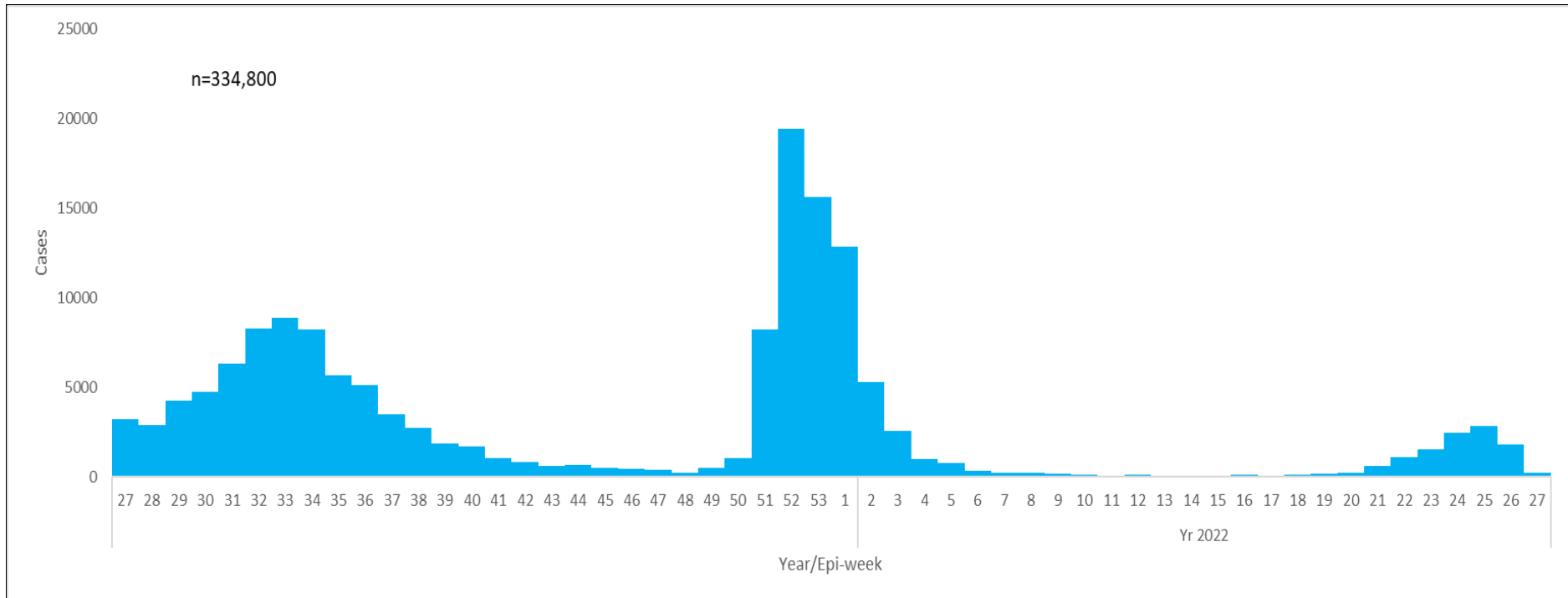


Figure 1: Trends of COVID-19 outbreak in Kenya in the last one year

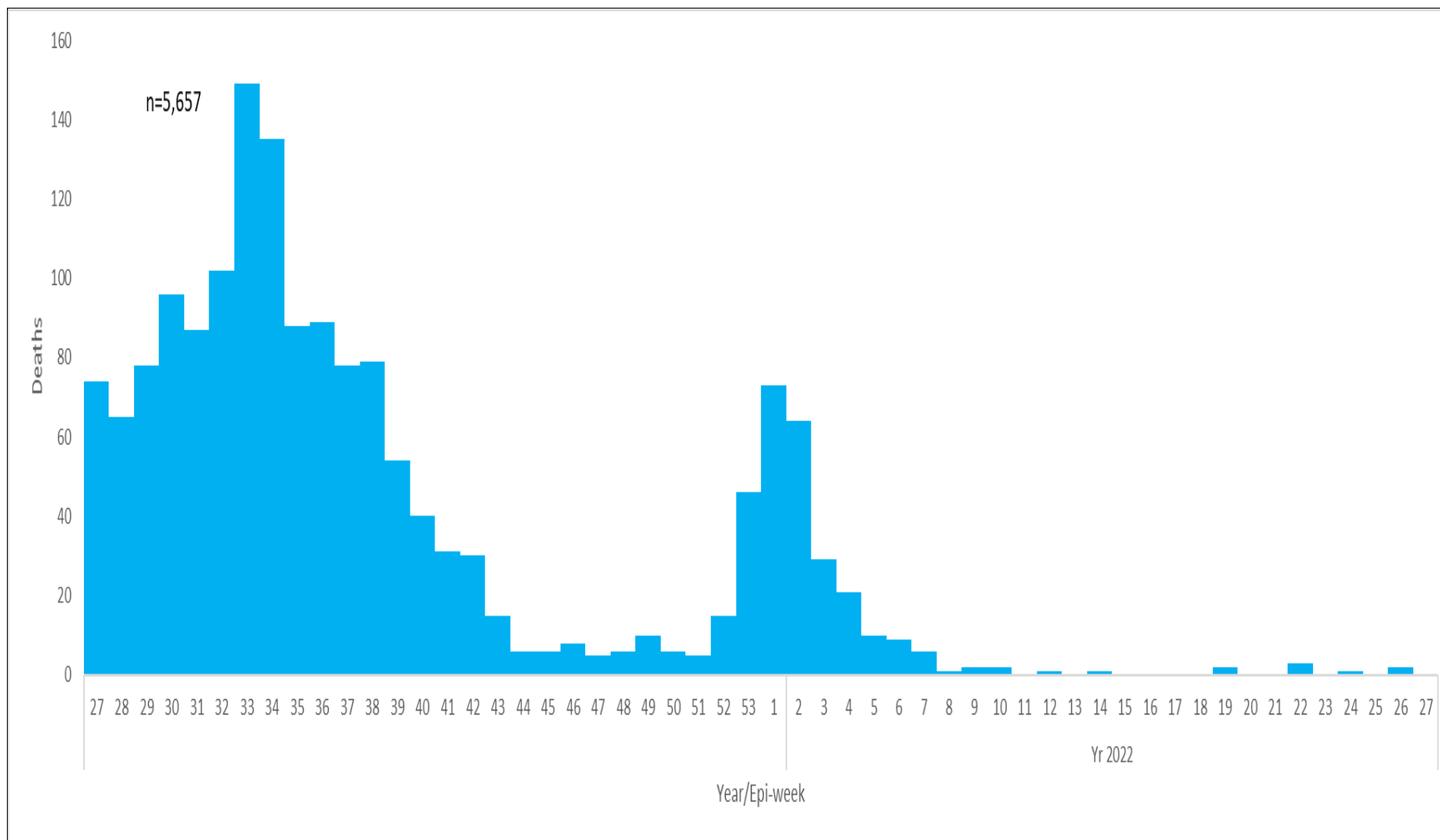


Figure 2: Trends of COVID-19 deaths in Kenya in the last one year

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 **79251.8** samples per 1,000,000 people. Figure 3 shows the weekly testing rate/1000 population/week for the last year.

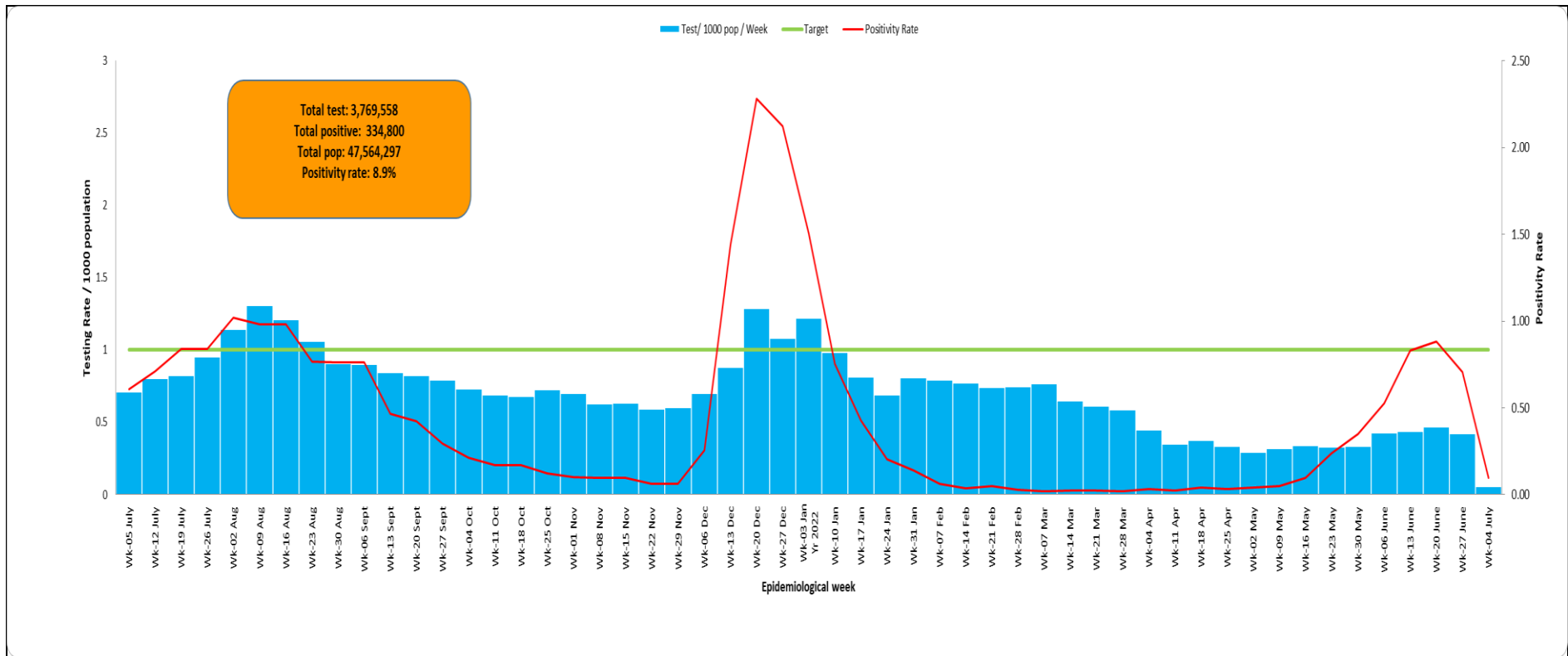


Figure 3: Laboratory Tests Conducted by Date Results were Shared

1.3 Age and Sex Distribution of COVID Confirmed Cases and Deaths

A total of **188,370 (56%)** of the cumulative cases are males and **146,430 (44%)** are females. Most cases, **86,364 (26%)** are in the age group of **30-39 years**. Of the **5656** cumulative deaths, **3,600 (64%)** are males and **2,057 (36%)** are females.

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

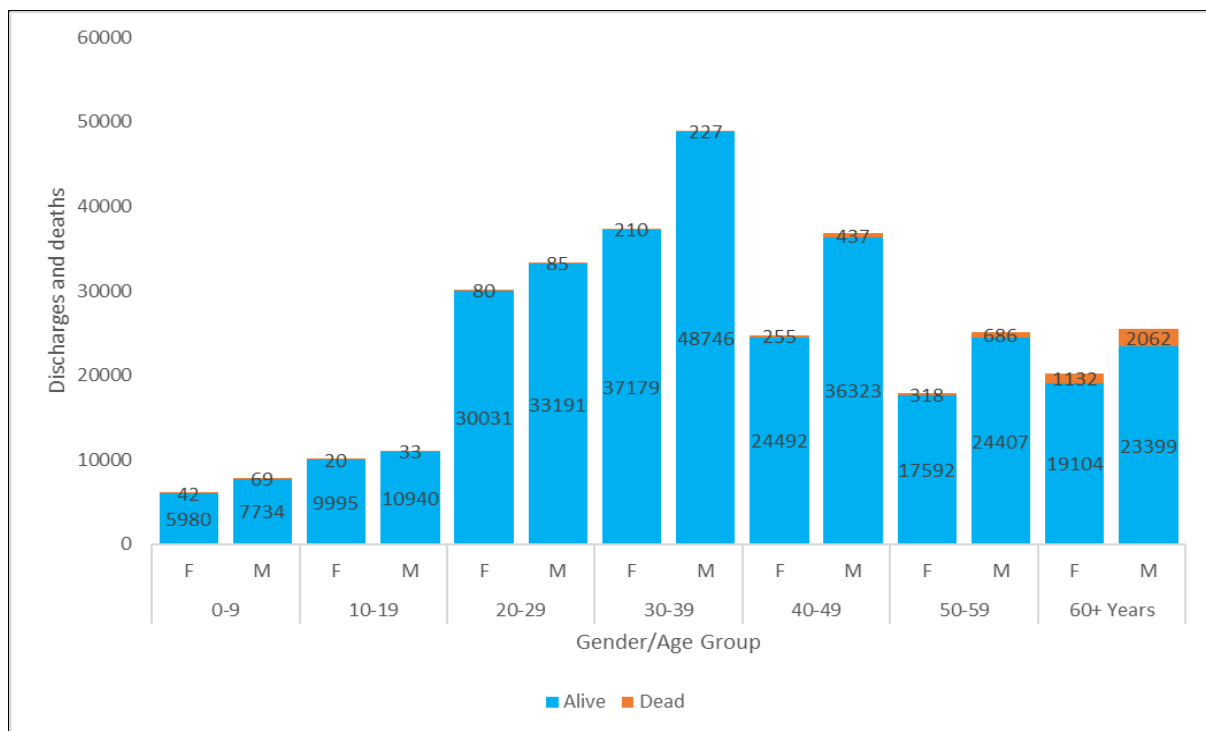


Figure 4: Age and Sex Distribution of COVID-19 Cases by the outcome in Kenya

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

Of the **334,800** cumulative cases, **138,086 (41%)** are from **Nairobi** County followed by **Kiambu** County with **21,054 (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	138086	3140.41	1553	1.12
Kiambu	2417735	21054	870.82	549	2.61
Mombasa	1208333	18161	1502.98	337	1.86
Nakuru	2162202	17479	808.39	532	3.04

County	Population	Covid-19 Cases	Attack Rates	Deaths	CFR
Uasin Gishu	1163186	10746	923.84	243	2.26
Kisumu	1155574	7914	684.85	85	1.07
Machakos	1421932	7685	540.46	194	2.52
Kajiado	1117840	7659	685.16	77	1.01
Kilifi	1453787	7272	500.21	35	0.48
Siaya	993183	6850	689.70	120	1.75
Busia	893681	6576	735.83	53	0.81
Nyeri	759164	6134	807.99	173	2.82
Kericho	901777	5879	651.94	68	1.16
Kitui	1136187	5175	455.47	111	2.14
Murang'a	1056640	4631	438.28	230	4.97
Kakamega	1867579	4239	226.98	119	2.81
Meru	1545714	4112	266.03	113	2.75
Kisii	1266860	3747	295.77	112	2.99
Migori	1116436	3362	301.14	62	1.84
Laikipia	518560	3286	633.68	26	0.79
Bungoma	1670570	3263	195.32	5	0.15
Makueni	987653	3092	313.07	101	3.27
Nyandarua	638289	3014	472.20	67	2.22
Garissa	841353	2736	325.19	97	3.55
Turkana	926976	2681	289.22	24	0.90
Embu	608599	2670	438.71	62	2.32
Trans Nzoia	990341	2400	242.34	9	0.38
Nandi	885711	2360	266.45	34	1.44
Kirinyaga	610411	2300	376.80	76	3.30
Homa Bay	1131950	2132	188.35	96	4.50
Nyamira	605576	2111	348.59	18	0.85
Taita Taveta	340671	2051	602.05	42	2.05
Baringo	666763	1691	193.11	14	0.83
Bomet	875689	1690	253.46	29	1.72
Narok	1157873	1384	119.53	24	1.73
Kwale	866820	1363	157.24	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	866	139.40	1	0.12
Lamu	143920	779	541.27	13	1.67
Isiolo	268002	773	288.43	43	5.56
Elgeyo Marakwet	454480	532	117.06	10	1.88
Mandera	867457	457	52.68	36	7.88
Tana River	315943	451	142.75	1	0.22
Samburu	310327	319	102.79	1	0.31
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 26**, **Nairobi City** County recorded the highest attack rate of **21.01** followed by **Siaya County** at **11.48** per 100,000 population (Figure 5).

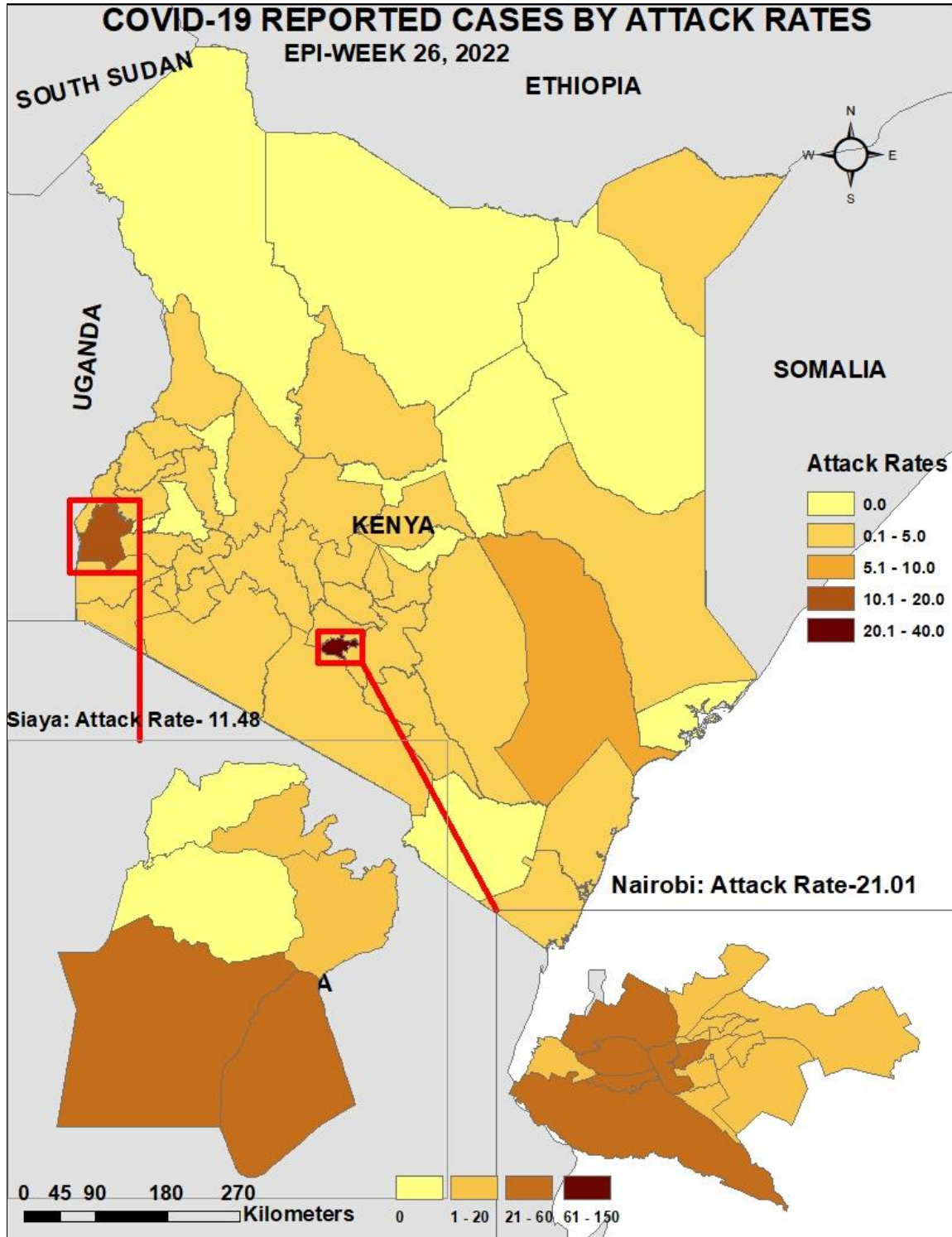


Figure 5: County Attack Rate per 100,000 Population

1.6 Map of Kenya showing COVID-19 caseload by County

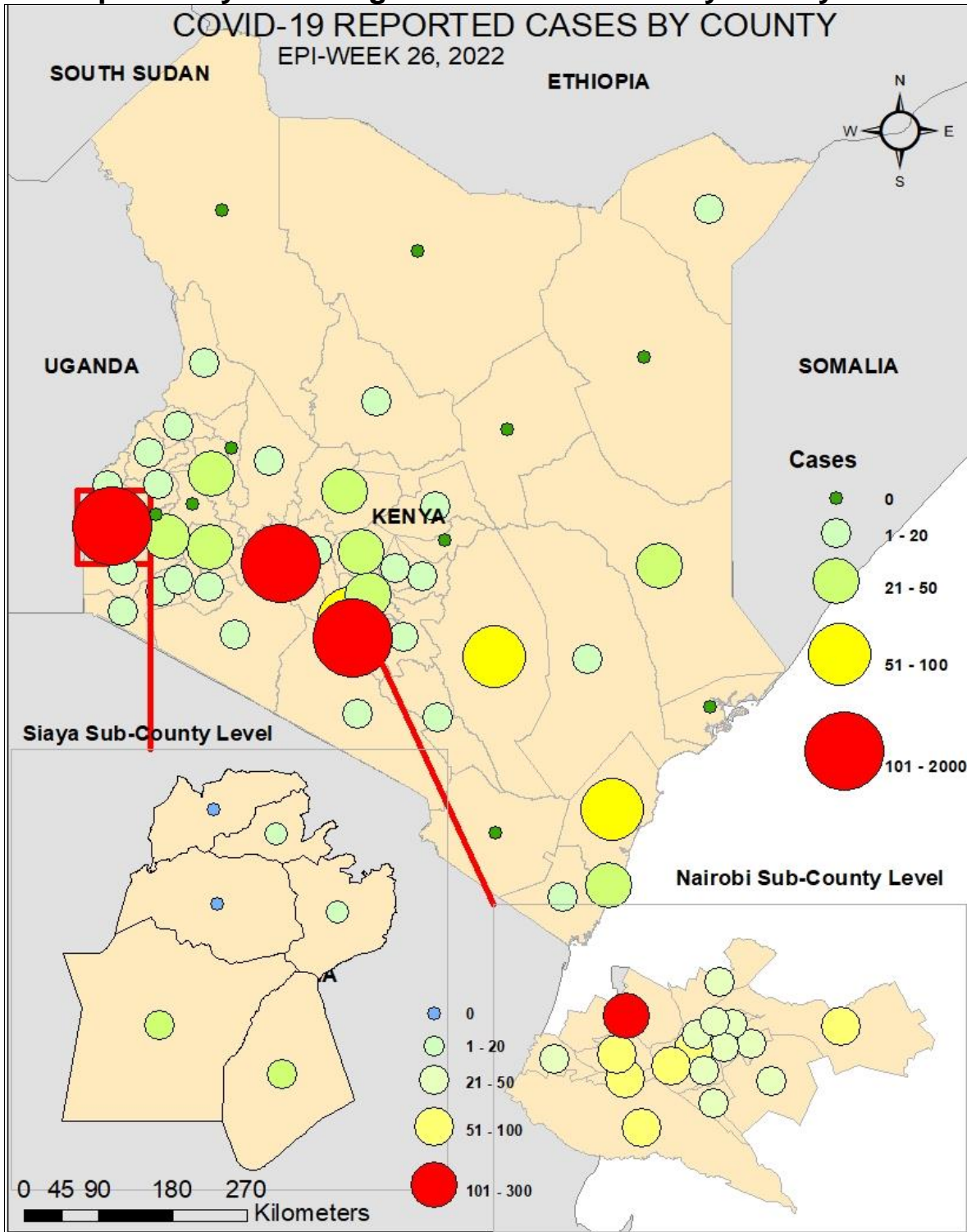


Figure 6 Case-loads by county

1.7 Kenya COVID-19 Vaccination Updates



Partially vaccinated: >18yrs- 2,441,861 **15 to <18 yrs- 821,546** **<15yrs- 36,561**
Fully Vaccinated: >18yrs- 8,692,513 **15 to <18 yrs- 364,480** **<15yrs- 6,868**
Booster Doses: >18yrs – 487,678

The Kenya Ministry of Health launched the National COVID-19 vaccinations on the 5th of March 2021. As of **4th July 2022**, a total of **2,441,861 persons** were vaccinated with the 1st dose, and **8,692,513 persons** were fully vaccinated.

Table 2: Vaccine Doses Dispensed as of 4th July 2022

Vaccine	Total doses Administered
Partially vaccinated adults	2,441,861
Fully vaccinated adults	8,692,513
Booster doses	487,678
Total doses (All Vaccines + Sputnik)	18,872,834
Partially Vaccinated 15- below 18 years	821,546
Fully Vaccinated 15- below 18 years	364,480
Partially Vaccinated below 15 years	36,561
Fully Vaccinated below 15 years	6,868
% of adults fully vaccinated	31.9%

The highest proportion of the population fully vaccinated is in Nyeri County at 53.2% and the least is Marsabit County at 10% (Table 3).

Table 3: Proportion of fully Vaccinated by County, 4th July 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	271,313	510,028	53.2%	Kajiado	199,206	663,201	30.0%
Nairobi	1,547,672	3,052,494	50.7%	Homa Bay	180,367	608,326	29.6%
Kakamega	409,590	982,838	41.7%	Makueni	167,721	584,379	28.7%
Kisumu	259,348	656,147	39.5%	Kericho	145,661	508,980	28.6%
Nakuru	502,060	1,273,265	39.4%	Meru	253,972	949,186	26.8%
Laikipia	119,882	306,448	39.1%	Nandi	125,916	492,652	25.6%
Taita	81,577	213,335	38.2%	Elgeyo	60,163	243,690	24.7%
Taveta	156,517	413,708	37.8%	Marakwet	74,649	338,937	22.0%
Kirinyaga	196,794	536,031	36.7%	Baringo	17,120	83,433	20.5%
Siaya	587,695	1,623,545	36.2%	Lamu	82,608	468,878	17.6%
Kiambu	316,994	905,172	35.0%	Turkana	25,629	145,608	17.6%
Machakos	113,489	329,317	34.5%	Samburu	109,649	624,506	17.6%
Vihiga	232,562	675,364	34.4%	Kitui	75,501	451,261	16.7%
Muranga	111,952	341,397	32.8%	Kwale	76,047	465,963	16.3%
Nyamira	169,865	518,077	32.8%	Bomet	122,377	784,567	15.6%
Trans Nzoia	226,972	693,570	32.7%	Kilifi	83,571	548,229	15.2%
Uasin Gishu	180,282	557,657	32.3%	Narok	41,418	283,727	14.6%
Migori	252,612	804,202	31.4%	West Pokot	53,464	399,358	13.4%
Mombasa	123,008	395,980	31.1%	Garissa	17,478	133,358	13.1%
Embu	76,399	246,699	31.0%	Isiolo	37,100	337,296	11.0%
Tharaka Nithi	260,995	843,735	30.9%	Wajir	16,470	151,051	10.9%
Bungoma	143,180	465,190	30.8%	Tana River	35,458	341,857	10.4%
Busia	213,303	697,445	30.6%	Mandera	22,008	219,170	10.0%
Kisii	114,899	376,776	30.5%	Marsabit			
Nyandarua				Total	8,692,513	27,246,033	31.9%

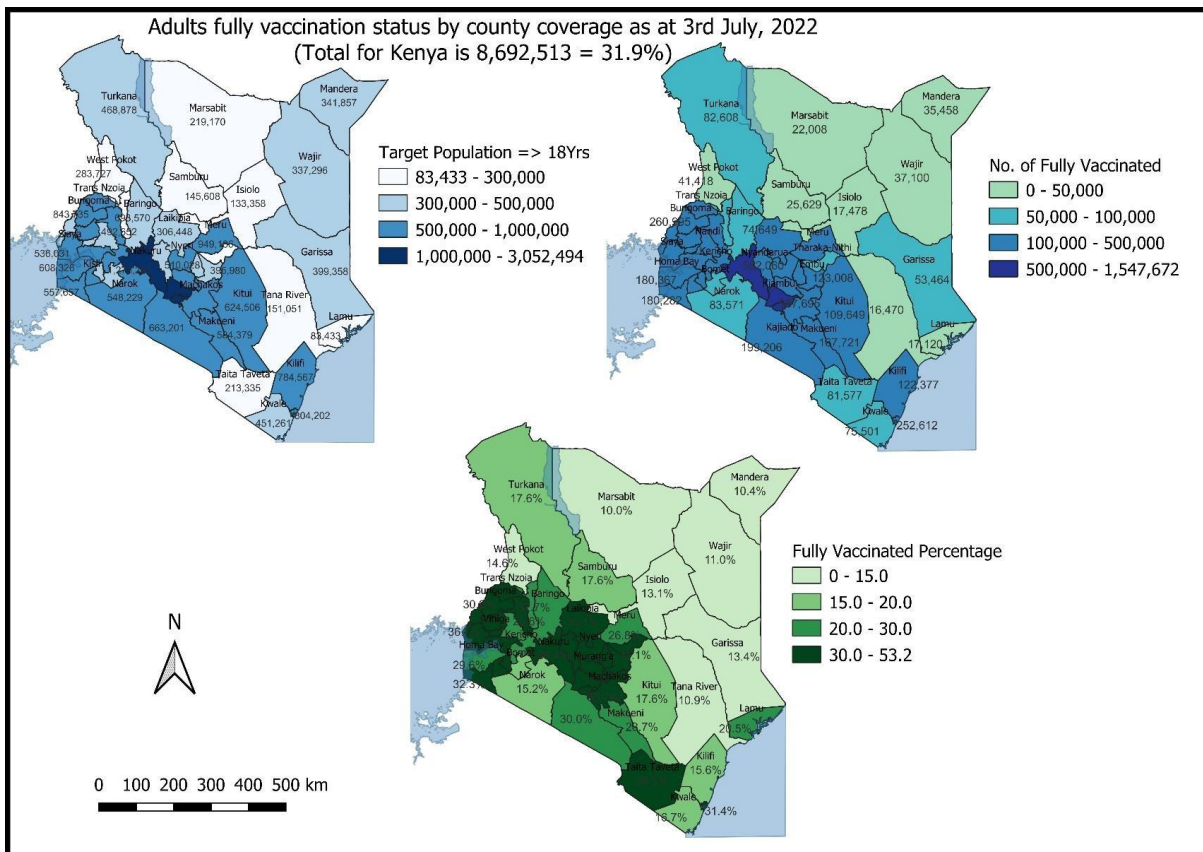


Figure 7: Adult full vaccination coverage by county

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 26th 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
- Four (4) COVID-19 cases are currently admitted to the intensive care unit: four (4) 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

Email: manager.eockenya@gmail.com