



MINISTRY OF HEALTH

DATA AS REPORTED BY 1700 HOURS 21 JUNE 2022

COVID-19 OUTBREAK IN KENYA

DAILY SITUATION REPORT – 826

1. KEY HIGHLIGHTS

- Four hundred and nineteen (419)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **330,024 cases** as of **21st June 2022**. Counties reporting new cases are **Nairobi (265), Kiambu (50), Kitui (22), Nakuru (20), Mombasa (10), Murang'a (10), Kilifi (8), Siaya (6), Embu (4), Turkana (4), Kisumu (3), Kericho (3), Meru (2), Kajiado (2), Uasin Gishu (2), Busia (2) Nyeri (1), Tana River (1), Kakamega (1), Kisii (1), Makeni (1) and Lamu (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 (135,585), Kiambu (20,735), Mombasa (18,050), Nakuru (17257), Uasin Gishu (10,632), Kisumu (7852), Machakos (7624), Kajiado (7618), Kilifi (7120), Busia (6548), Siaya (6543), Nyeri (6028), Kericho (5792), Kitui (5083), Murang'a (4528), Kakamega (4210), Meru (4094), Kisii (3734), Migori (3352), Laikipia (3229), Bungoma (3217), Makeni (3079), Nyandarua (2993), Turkana (2682), Garissa (2679), Embu (2653), Trans Nzoia (2369), Nandi (2360), Kirinyaga (2260), Homa Bay (2115), Nyamira (2090), Taita Taveta (2048), Baringo (1682), Bomet (1679), Narok (1372), Kwale (1356), Tharaka Nithi (1241), Vihiga (1097), Marsabit (997), West Pokot (855), Isiolo (773), Lamu (775), Elgeyo Marakwet (532), Mandera (456), Tana River (416), Samburu (315), and Wajir (300).
- In epi-week **24, 2022, Nairobi City and Kiambu** Counties had the highest attack rates of COVID-19 at **32.27** and **10.59** per **100,000** population respectively when compared to the national attack rate of **4.64/100,000** for the same epi-week.
- In the last 24 hours, **3,610 samples** were tested across various laboratories of which **four hundred and nineteen (419)** samples turned positive for COVID-19, a positivity rate of **11.6%**. Cumulatively, **3,728,165 tests** have been conducted.
- In the last 24 hours, **288** COVID-19 patients (**Health Facility: 8, HBIC: 280**) recovered and were discharged bringing the total number of recoveries and discharges to **321,086**
(**Facility: 53,092, HBIC: 267,994**).



1.1 Epidemiology

Since 13th March 2020 when the first case was confirmed in Kenya, a total of **330,024** 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.

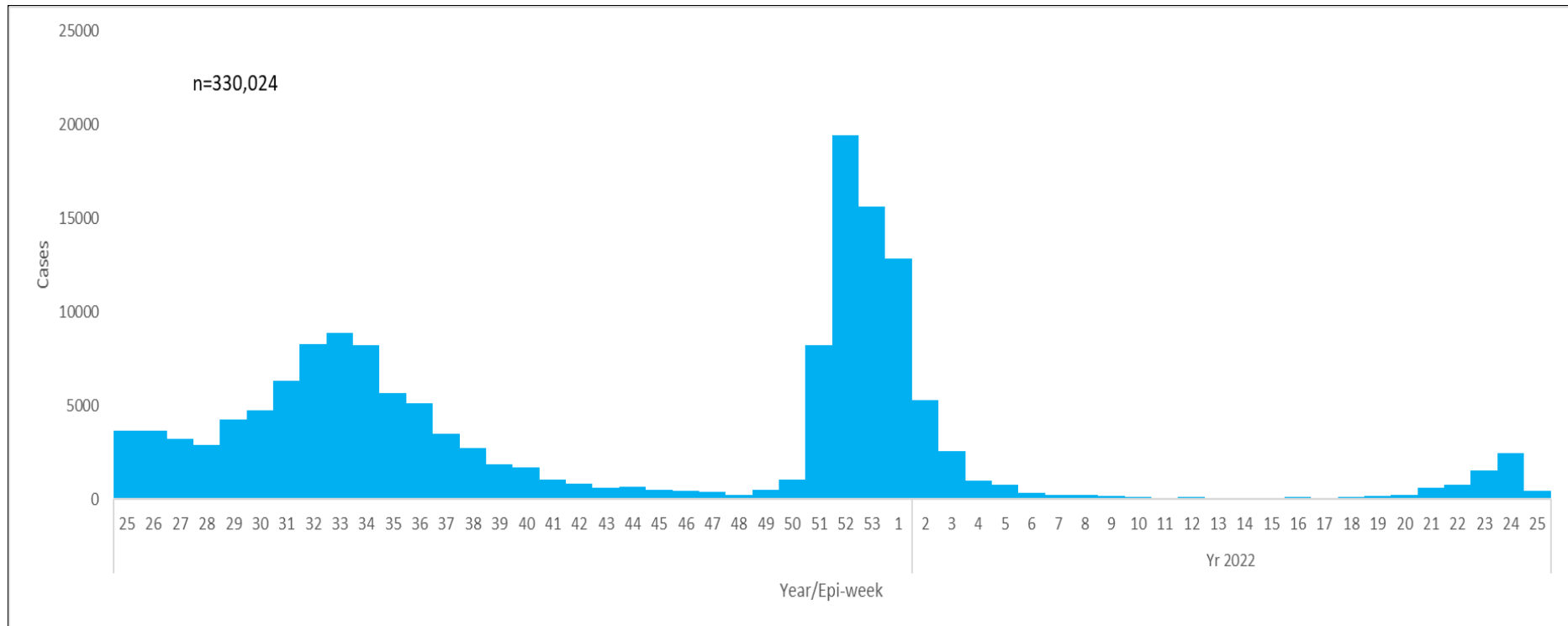


Figure 1: Trends of COVID-19 outbreak in Kenya in the last one year

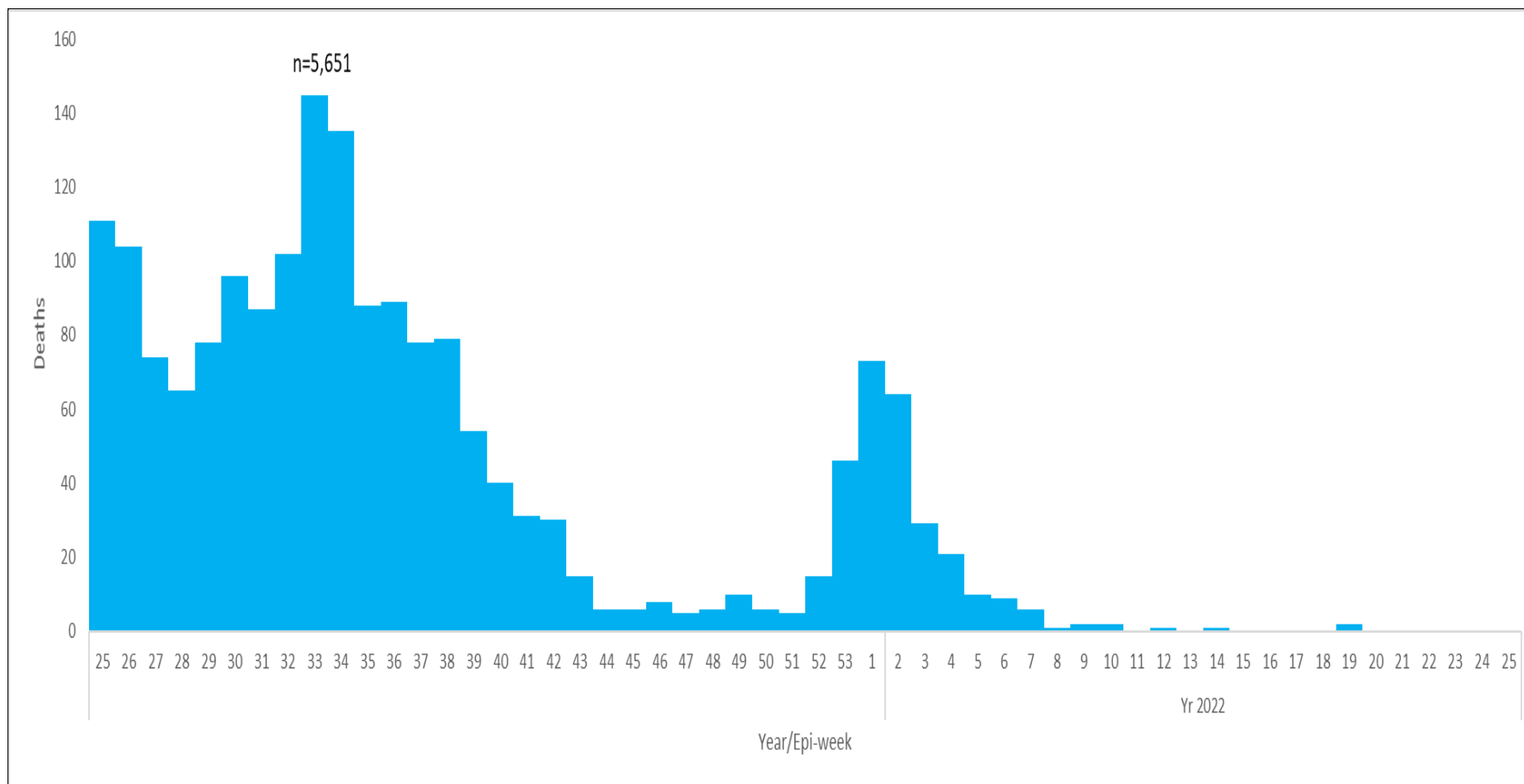


Figure 2: Trends of COVID-19 deaths in Kenya in the last one year

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 **78381.6** samples per 1,000,000 people. Figure 3 shows the weekly testing rate/1000 population/week for the last year.

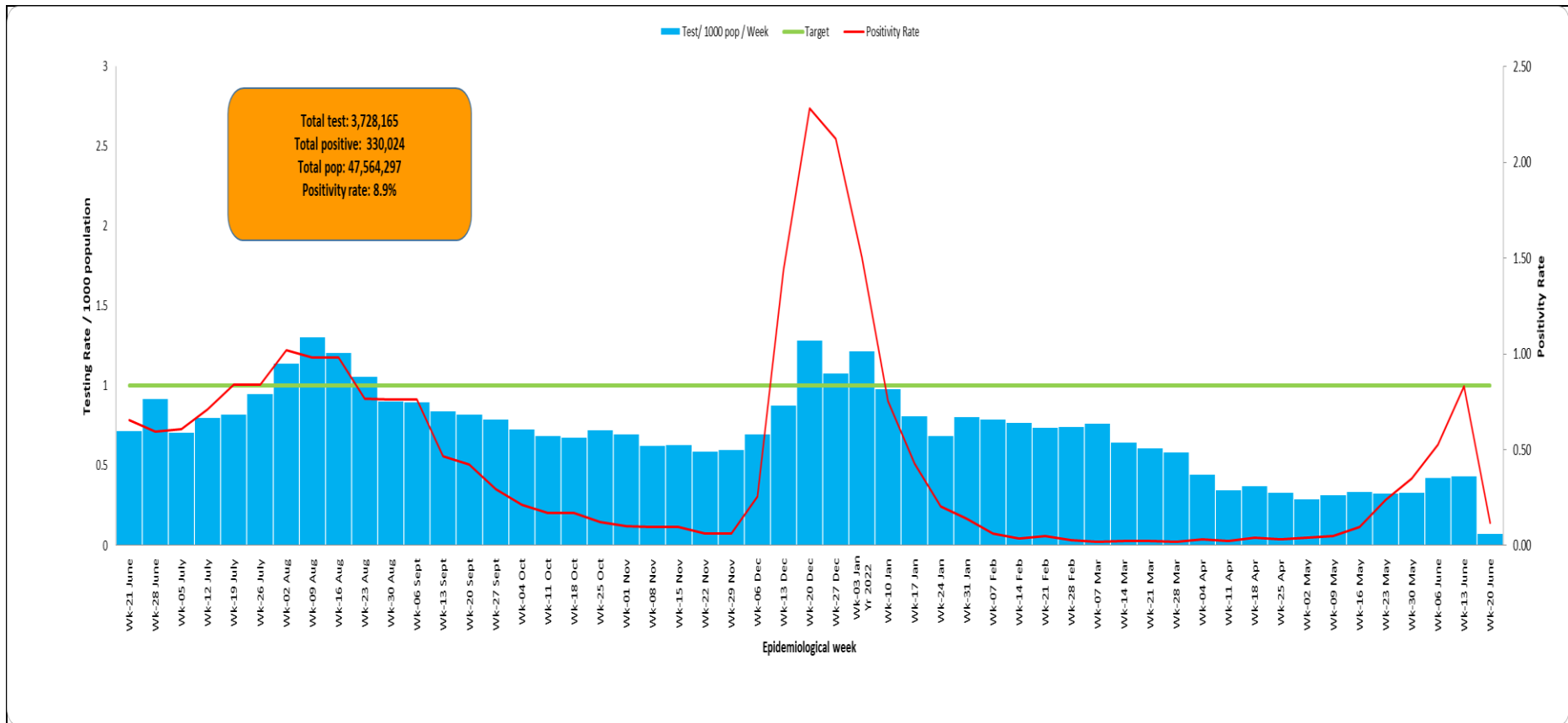


Figure 3: Laboratory Tests Conducted by Date Results were Shared

1.3 Age and Sex Distribution of COVID Confirmed Cases and Deaths

A total of **185,910 (56%)** of the cumulative cases are males and **144,114 (44%)** are females. Most cases, **85,182 (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.

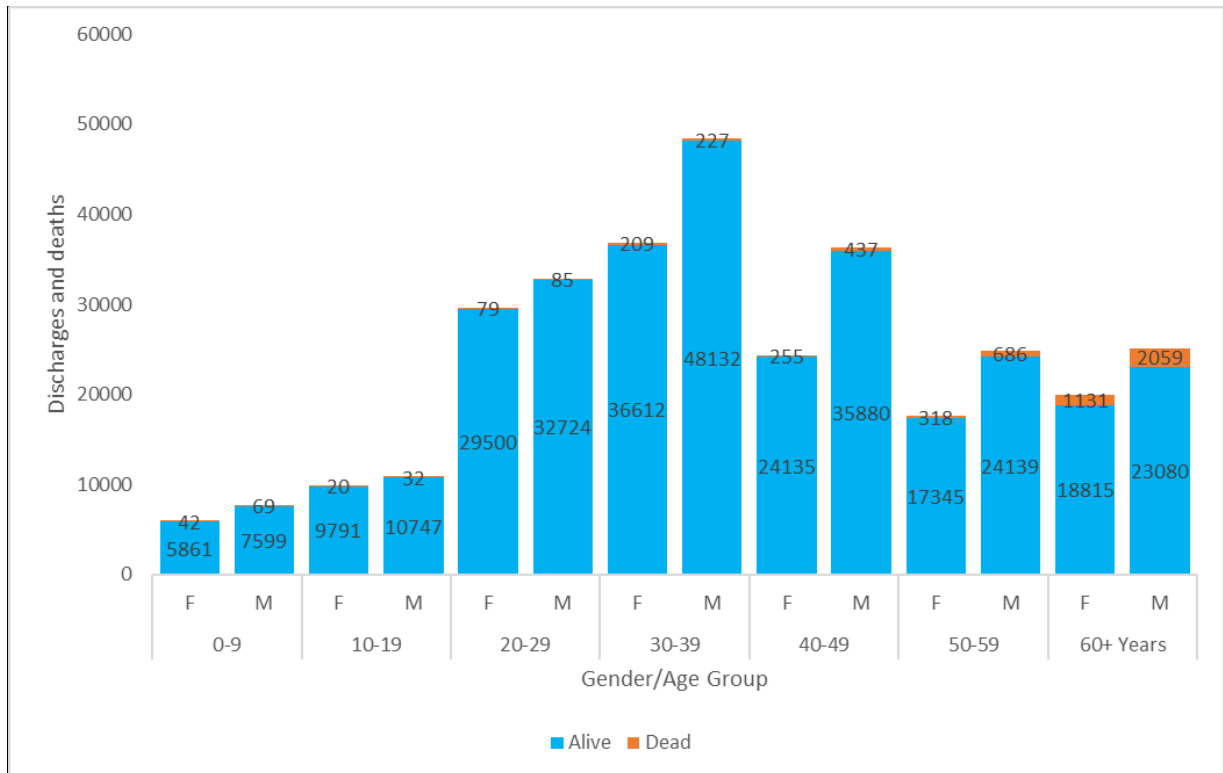


Figure 4: Age and Sex Distribution of COVID-19 Cases by the outcome in Kenya

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

Of the **330,024** cumulative cases, **135,585 (41%)** are from **Nairobi** County followed by **Kiambu** County with **20,735 (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	135585	3083.53	1553	1.15
Kiambu	2417735	20735	857.62	549	2.65
Mombasa	1208333	18050	1493.79	337	1.87
Nakuru	2162202	17257	798.12	532	3.08

County	Population	Covid-19 Cases	Attack Rates	Deaths	CFR
Uasin Gishu	1163186	10632	914.04	243	2.29
Kisumu	1155574	7852	679.49	85	1.08
Machakos	1421932	7624	536.17	194	2.54
Kajiado	1117840	7618	681.49	77	1.01
Kilifi	1453787	7120	489.76	35	0.49
Busia	893681	6548	732.70	53	0.81
Siaya	993183	6543	658.79	120	1.83
Nyeri	759164	6028	794.03	172	2.85
Kericho	901777	5792	642.29	68	1.17
Kitui	1136187	5083	447.37	111	2.18
Murang'a	1056640	4528	428.53	230	5.08
Kakamega	1867579	4210	225.43	119	2.83
Meru	1545714	4094	264.86	113	2.76
Kisii	1266860	3734	294.74	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	3079	311.75	101	3.28
Nyandarua	638289	2993	468.91	67	2.24
Turkana	841353	2681	289.22	24	0.90
Garissa	926976	2680	318.53	97	3.62
Embu	608599	2653	435.92	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	2090	345.13	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	775	289.18	43	5.55
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	416	131.67	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 24, Nairobi City** County recorded the highest attack rate of **32.27** followed by **Kiambu County** at **10.59** per 100,000 population (Figure 5).

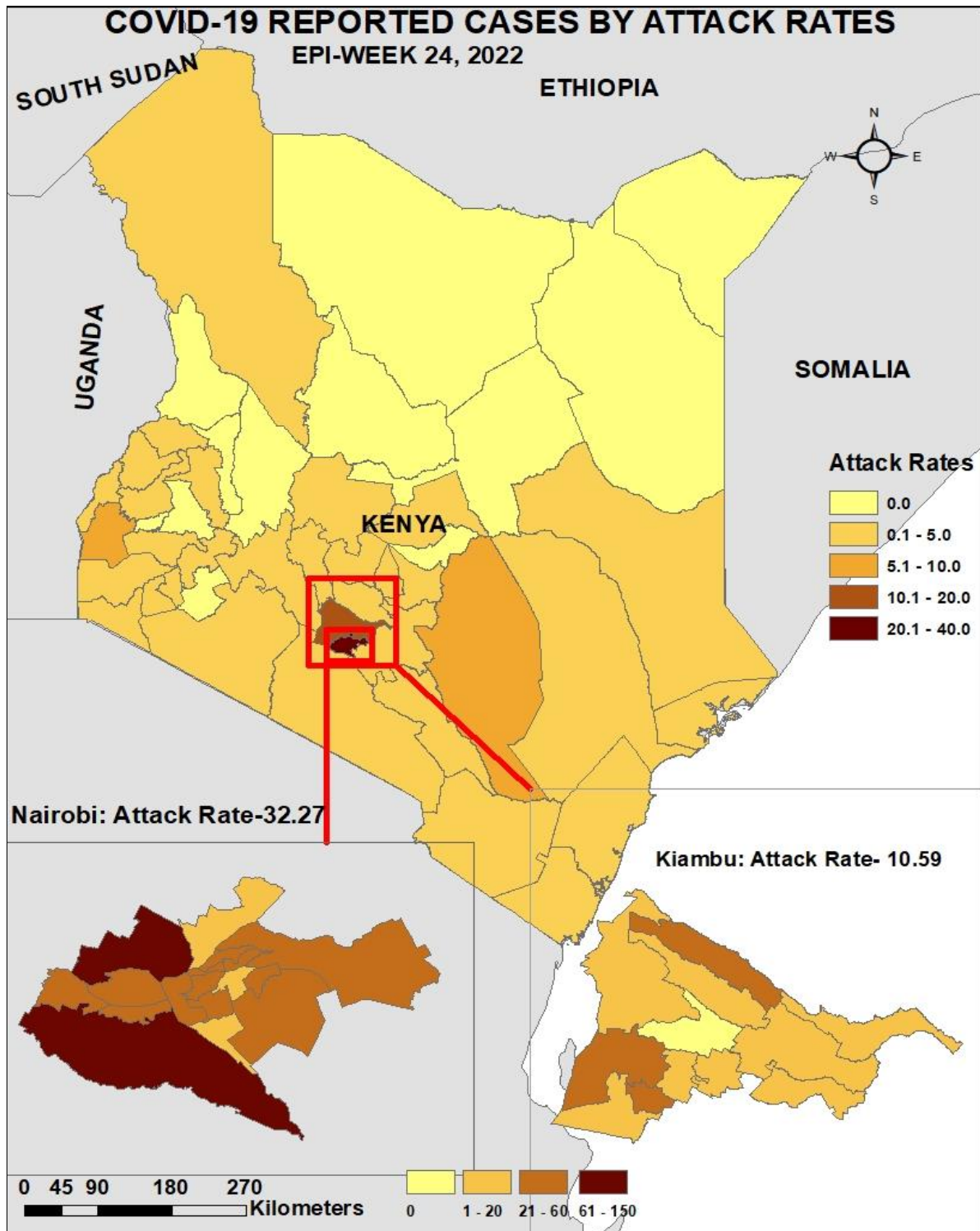


Figure 5: County Attack Rate per 100,000 Population

1.6 Map of Kenya showing COVID-19 caseload by County

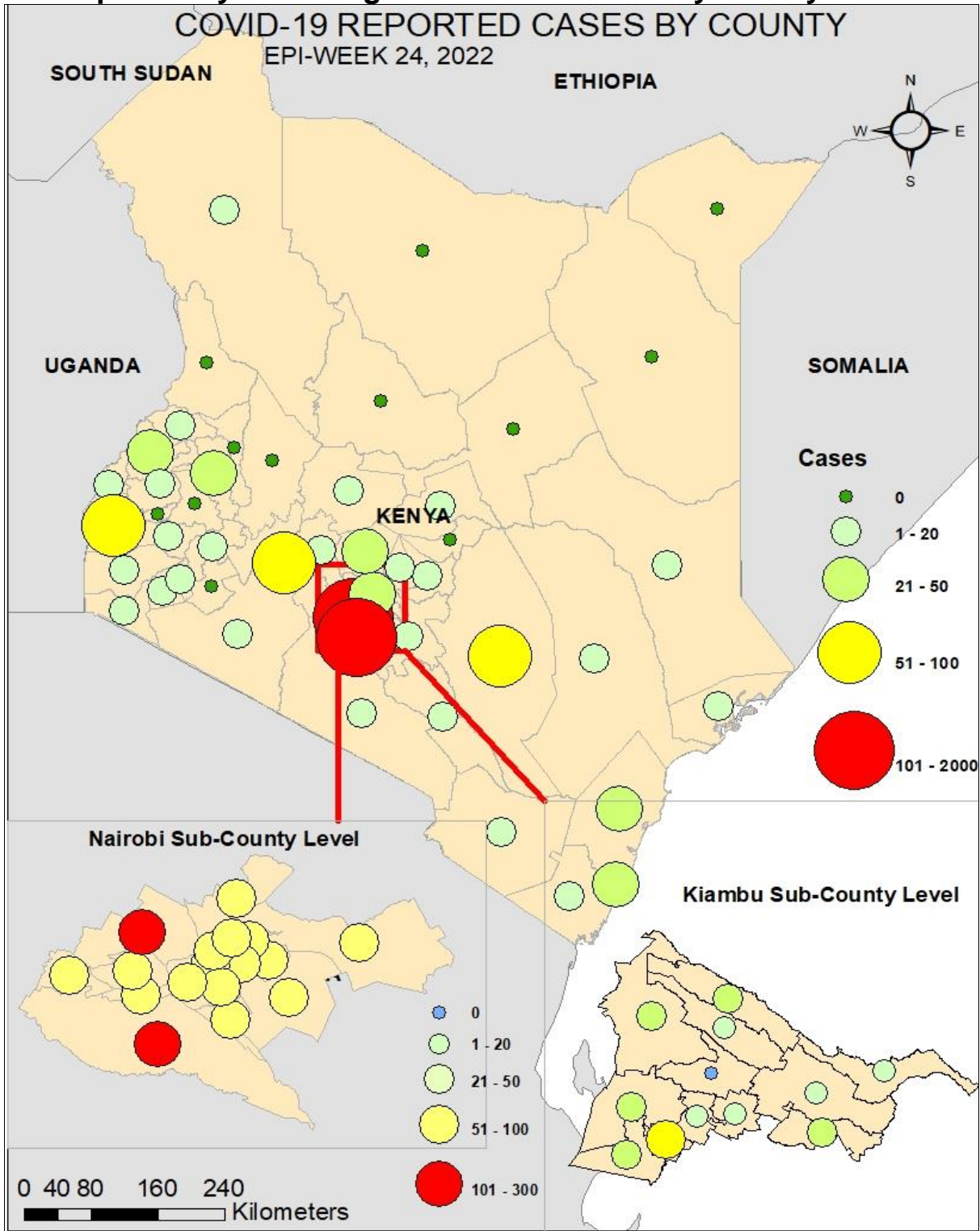


Figure 6 Case-loads by county

1.7 Kenya COVID-19 Vaccination Updates



Partially vaccinated: >18yrs- 2,461,659 **15 to <18 yrs- 815,122** **<15yrs- 33,994**
Fully Vaccinated: >18yrs- 8,588,373 **15 to <18 yrs- 343,234** **<15yrs- 6,460**
Booster Doses: >18yrs – 410,987

The Kenya Ministry of Health launched the National COVID-19 vaccinations on the 5th of March 2021. As of **20th June 2022**, a total of **2,461,659 persons** were vaccinated with the 1st dose, and **8,588,373 persons** were fully vaccinated.

Table 2: Vaccine Doses Dispensed as of 20th June 2022

Vaccine	Total doses Administered
Partially vaccinated adults	2,461,659
Fully vaccinated adults	8,588,373
Booster doses	410,987
Total doses (All Vaccines + Sputnik)	18,608,768
Partially Vaccinated 15- below 18 years	815,122
Fully Vaccinated 15- below 18 years	343,234
Partially Vaccinated below 15 years	33,994
Fully Vaccinated below 15 years	6,460
% of adults fully vaccinated	31.5%

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, 20th 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	270,527	510,028	53.0%	Kajiado	193,722	663,201	29.2%
Nairobi	1,522,900	3,052,494	49.9%	Kericho	144,965	508,980	28.5%
Kakamega	406,564	982,838	41.4%	Homa Bay	172,734	608,326	28.4%
Nakuru	495,552	1,273,265	38.9%	Makueni	165,891	584,379	28.4%
Kisumu	254,039	656,147	38.7%	Meru	253,603	949,186	26.7%
Laikipia	118,597	306,448	38.7%	Nandi	125,484	492,652	25.5%
Taita Taveta	81,126	213,335	38.0%	Elgeyo Marakwet	60,059	243,690	24.6%
Kirinyaga	156,112	413,708	37.7%	Baringo	74,438	338,937	22.0%
Siaya	194,298	536,031	36.2%	Lamu	17,064	83,433	20.5%
Kiambu	584,209	1,623,545	36.0%	Samburu	25,588	145,608	17.6%
Machakos	313,959	905,172	34.7%	Turkana	81,605	468,878	17.4%
Vihiga	113,263	329,317	34.4%	Kitui	107,614	624,506	17.2%
Muranga	229,419	675,364	34.0%	Kwale	74,384	451,261	16.5%
Uasin Gishu	225,633	693,570	32.5%	Bomet	75,674	465,963	16.2%
Trans Nzoia	167,893	518,077	32.4%	Kilifi	120,606	784,567	15.4%
Migori	175,648	557,657	31.5%	Narok	83,409	548,229	15.2%
Mombasa	250,642	804,202	31.2%	West Pokot	41,298	283,727	14.6%
Embu	122,807	395,980	31.0%	Garissa	52,775	399,358	13.2%
Tharaka Nithi	76,229	246,699	30.9%	Isiolo	17,408	133,358	13.1%
Bungoma	259,660	843,735	30.8%	Wajir	37,080	337,296	11.0%
Nyamira	104,965	341,397	30.7%	Tana River	16,208	151,051	10.7%
Nyandarua	114,662	376,776	30.4%	Mandera	35,402	341,857	10.4%
Busia	140,501	465,190	30.2%	Marsabit	21,905	219,170	10.0%
Kisii	210,252	697,445	30.1%	Total	8,588,373	27,246,033	31.5%

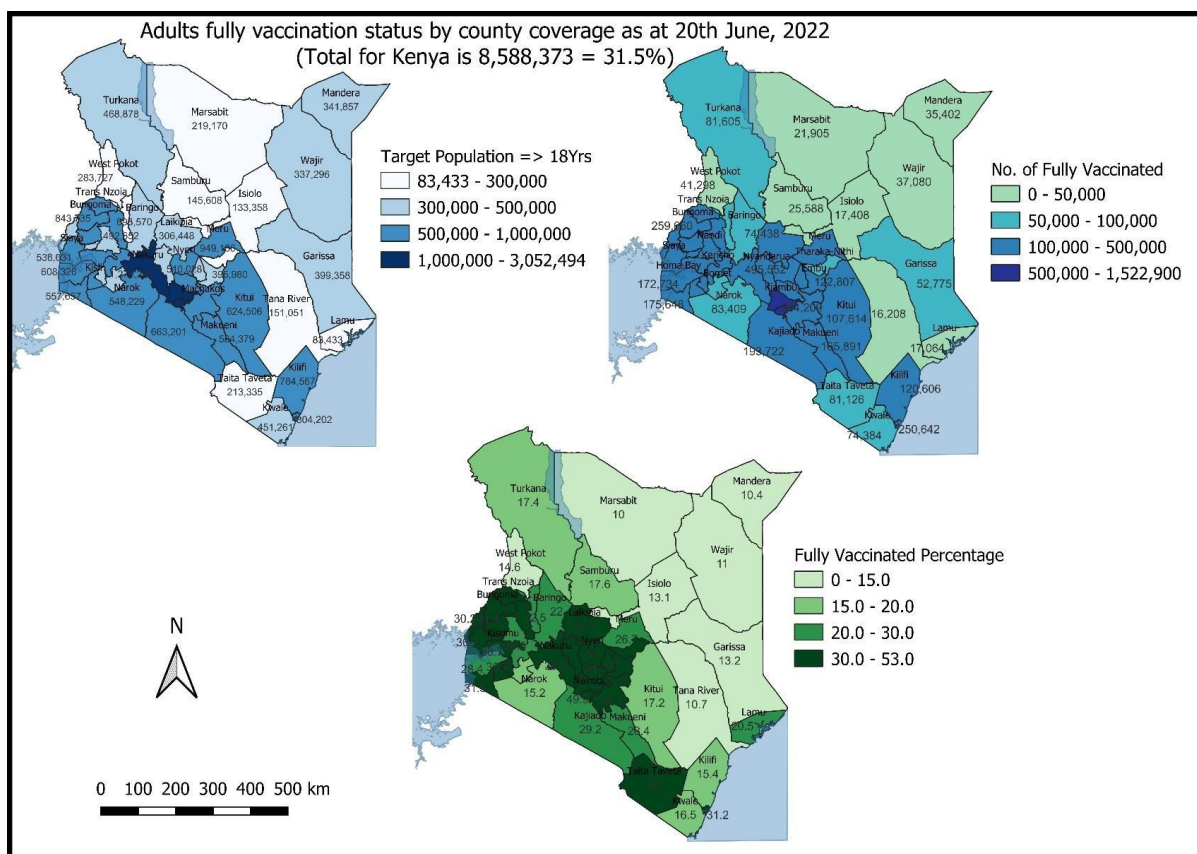


Figure 7: Adult full vaccination coverage by county

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
- Two (2) COVID-19 cases are 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

Email: manager.eockenya@gmail.com