



MINISTRY OF HEALTH

DATA AS REPORTED BY 1700 HOURS 11 JUNE 2022

COVID-19 OUTBREAK IN KENYA

DAILY SITUATION REPORT – 816

1. KEY HIGHLIGHTS

- Two hundred and eighty-eight (288)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **326,737 cases** as of **11 June 2022**. Counties reporting new cases are **Nairobi (193), Kiambu (41), Nakuru (22), Mombasa (10), Murang'a (6), Kisumu (5), Uasin Gishu (4), Kilifi (2), Kakamega (1), Laikipia (1) Siaya (1), Nyeri (1), and Meru (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 (133,393), Kiambu (20411), Mombasa (17982), Nakuru (17160), Uasin Gishu (10598), Kisumu (7837), Machakos (7623), Kajiado (7609), Kilifi (7040), Busia (6543), Siaya (6468), Nyeri (5978), Kericho (5777), Kitui (4951), Murang'a (4474), Kakamega (4208), Meru (4089), Kisii (3727), Migori (3351), Laikipia (3222), Bungoma (3168), Makueni (3076), Nyandarua (2987), Turkana (2675), Garissa (2670), Embu (2645), Trans Nzoia (2368), Nandi (2360), Kirinyaga (2258), Homa Bay (2114), Nyamira (2081), Taita Taveta (2047), Baringo (1682), Bomet (1679), Narok (1371), Kwale (1353), Tharaka Nithi (1241), Vihiga (1097), Marsabit (997), West pokot (855), Isiolo (773), Lamu (772), Elgeyo Marakwet (532), Mandera (451), Tana River (409), Samburu (315), and Wajir (300).
- In epi-week **22, 2022, Nairobi City** and **Kitui** Counties had the highest attack rates of COVID-19 at **13.76** and **2.37** per **100,000** population respectively when compared to the national attack rate of **1.63/100,000** for the same epi-week.
- In the last 24 hours, **3,696 samples** were tested across various laboratories of which **two hundred and eighty-eight (288)** samples turned positive for COVID-19, a positivity rate of **9.9%**. Cumulatively, **3,698,355 tests** have been conducted.
- In the last 24 hours, **94** COVID-19 patients (**Health Facility: 0, HBIC: 94**) recovered and were discharged bringing the total number of recoveries and discharges to **319,419 (Facility: 53,031, HBIC: 266,388)**.



1.1 Epidemiology

Since 13 March 2020 when the first case was confirmed in Kenya, a total of **326,737** 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.

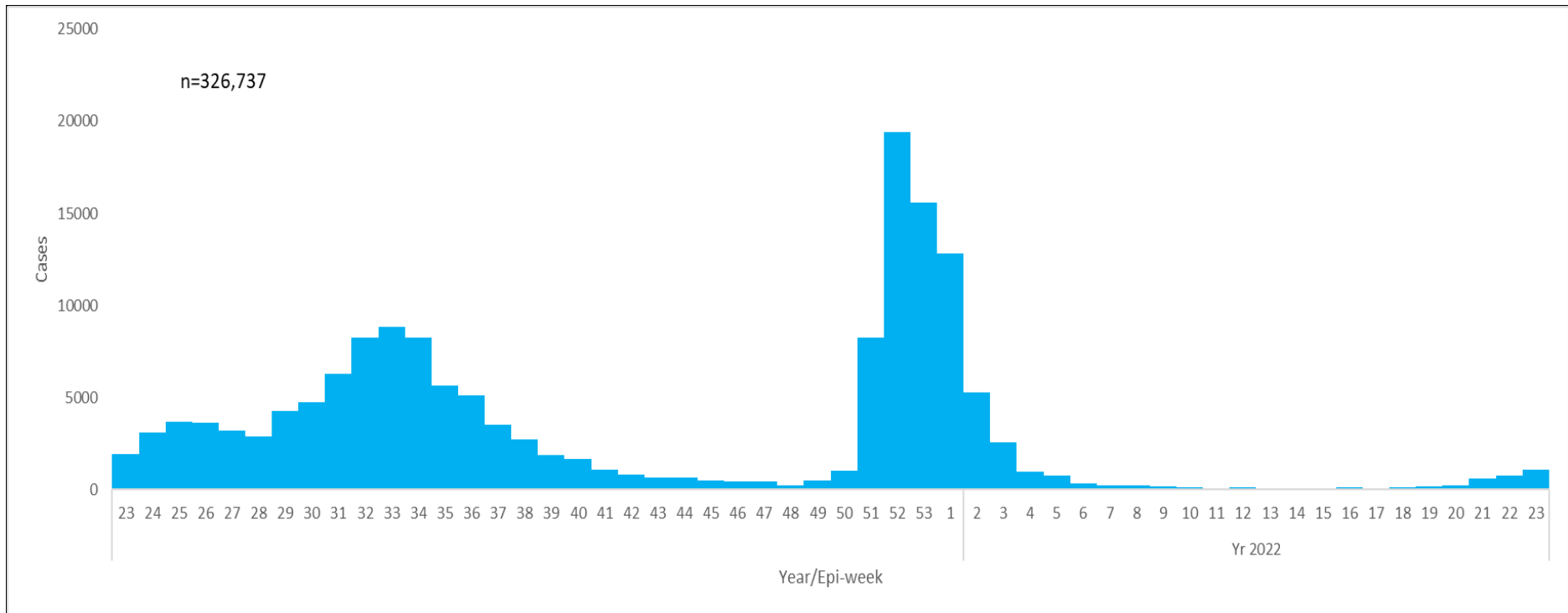


Figure 1: Trends of COVID-19 outbreak in Kenya in the last one year

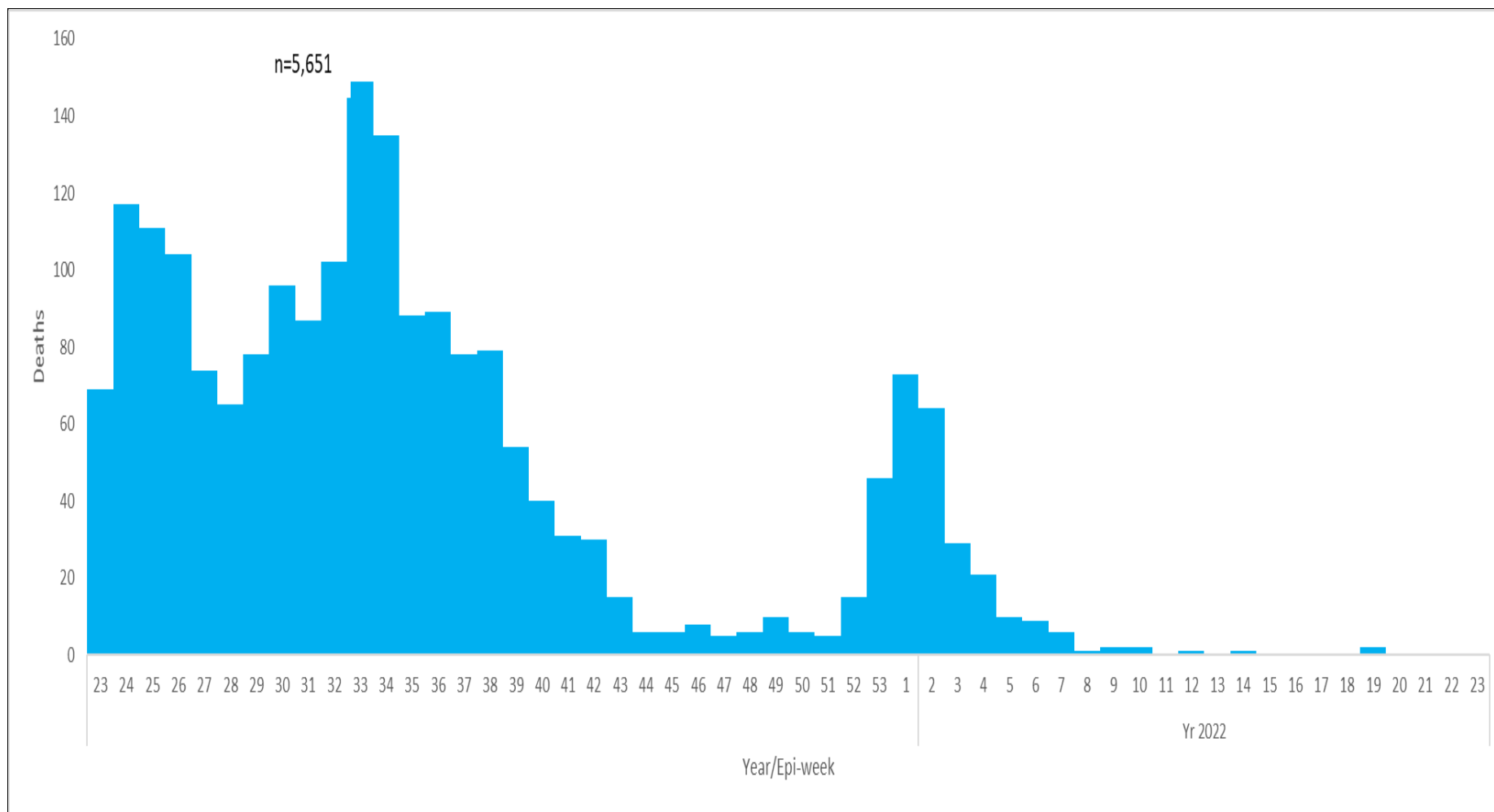


Figure 2: Trends of COVID-19 deaths in Kenya in the last one year

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 **77754.9** samples per 1,000,000 people. Figure 3 shows the weekly testing rate/1000 population/week for the last year.

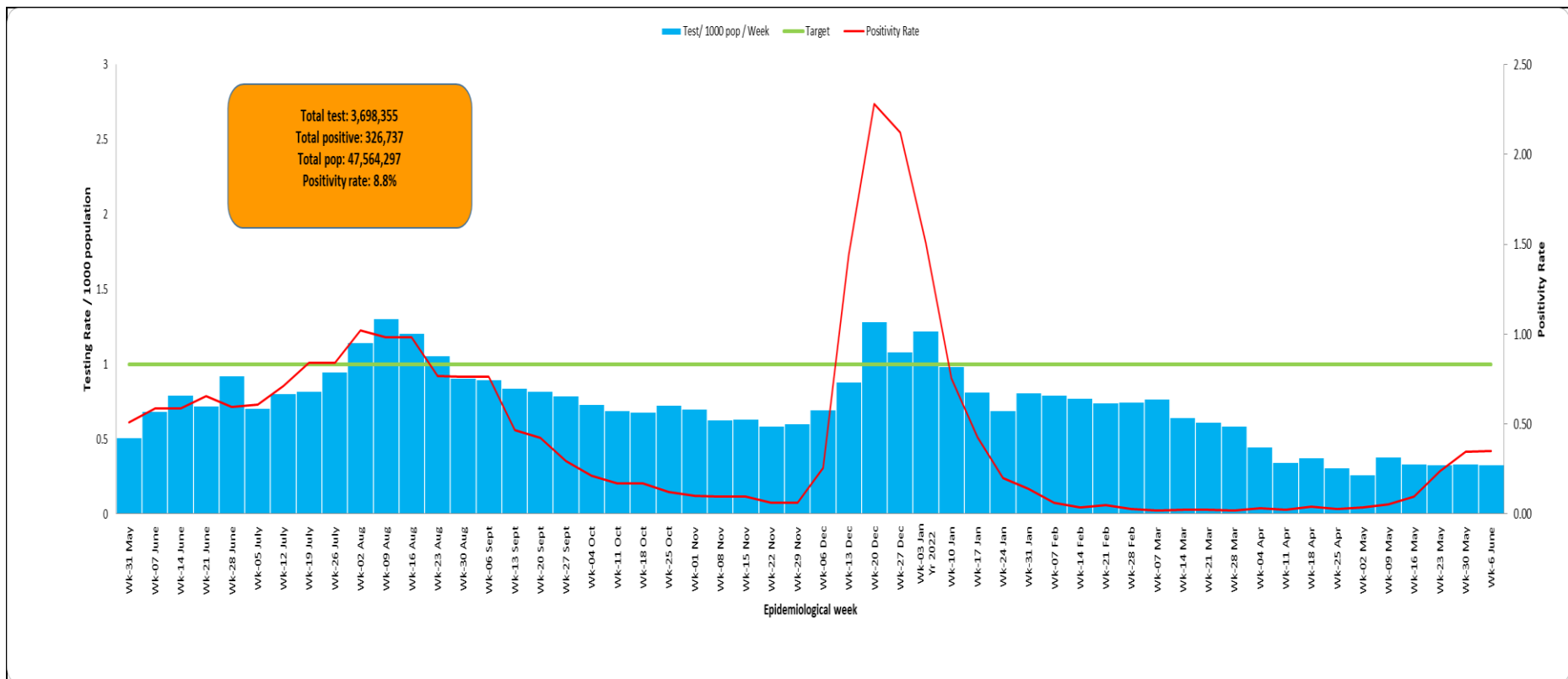


Figure 3: Laboratory Tests Conducted by Date Results were Shared

1.3 Age and Sex Distribution of COVID Confirmed Cases and Deaths

A total of **184,218 (56%)** of the cumulative cases are males and **142,519 (44%)** are females. Most cases, **84,377 (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.

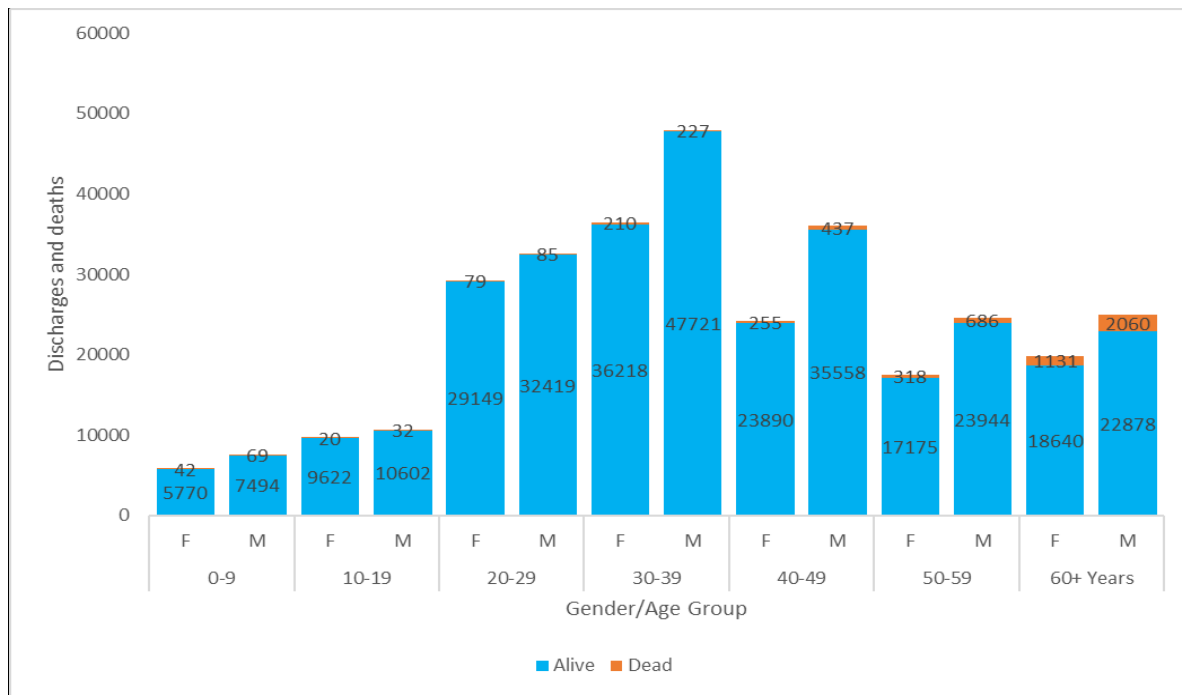


Figure 4: Age and Sex Distribution of COVID-19 Cases by the outcome in Kenya

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

Of the **326,737** cumulative cases, **133,393 (40.8%)** are from **Nairobi** County followed by **Kiambu** County with **20,411 (6.2%)**, 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	133393	3033.68	1553	1.16
Kiambu	2417735	20411	844.22	549	2.69
Mombasa	1208333	17982	1488.17	337	1.87
Nakuru	2162202	17160	793.64	532	3.10
Uasin Gishu	1163186	10598	911.12	243	2.29
Kisumu	1155574	7837	678.19	85	1.08

County	Population	Covid-19 Cases	Attack Rates	Deaths	CFR
Machakos	1421932	7623	536.10	194	2.54
Kajiado	1117840	7609	680.69	77	1.01
Kilifi	1453787	7040	484.25	35	0.50
Busia	893681	6543	732.14	53	0.81
Siaya	993183	6468	651.24	120	1.86
Nyeri	759164	5978	787.45	172	2.88
Kericho	901777	5777	640.62	68	1.18
Kitui	1136187	4951	435.76	111	2.24
Murang'a	1056640	4474	423.42	230	5.14
Kakamega	1867579	4208	225.32	119	2.83
Meru	1545714	4089	264.54	113	2.76
Kisii	1266860	3727	294.19	112	3.01
Migori	1116436	3353	300.33	62	1.85
Laikipia	518560	3222	621.34	26	0.81
Bungoma	1670570	3185	190.65	5	0.16
Makueni	987653	3076	311.45	101	3.28
Nyandarua	638289	2987	467.97	67	2.24
Turkana	841353	2674	288.46	24	0.90
Garissa	926976	2671	317.46	97	3.63
Embu	608599	2645	434.60	62	2.34
Trans Nzoia	990341	2368	239.11	9	0.38
Nandi	885711	2360	266.45	34	1.44
Kirinyaga	610411	2258	369.91	76	3.37
Homa Bay	1131950	2114	186.76	96	4.54
Nyamira	605576	2081	343.64	18	0.86
Taita Taveta	340671	2047	600.87	42	2.05
Baringo	666763	1682	252.26	14	0.83
Bomet	875689	1679	191.73	29	1.73
Narok	1157873	1371	118.41	24	1.75
Kwale	866820	1353	156.09	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	773	288.43	43	5.56
Lamu	143920	772	536.41	13	1.68
Elgeyo Marakwet	454480	532	117.06	10	1.88
Mandera	867457	452	52.11	36	7.96
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 22, Nairobi City County recorded the highest attack rate of 13.76 followed by Kitui County at 2.37 per 100,000 population (Figure 5).

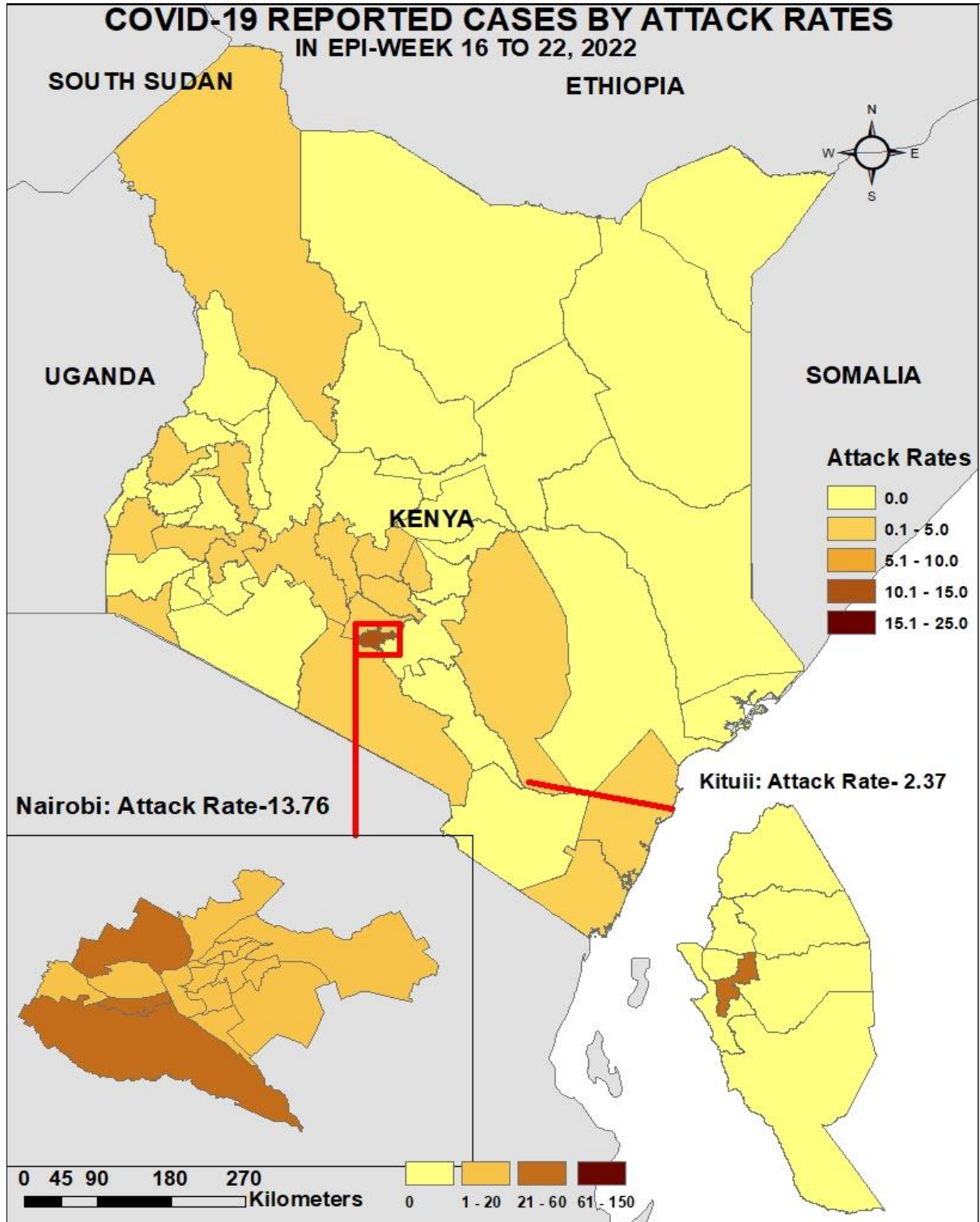


Figure 5: County Attack Rate per 100,000 Population

1.6 Map of Kenya showing COVID-19 caseload by County

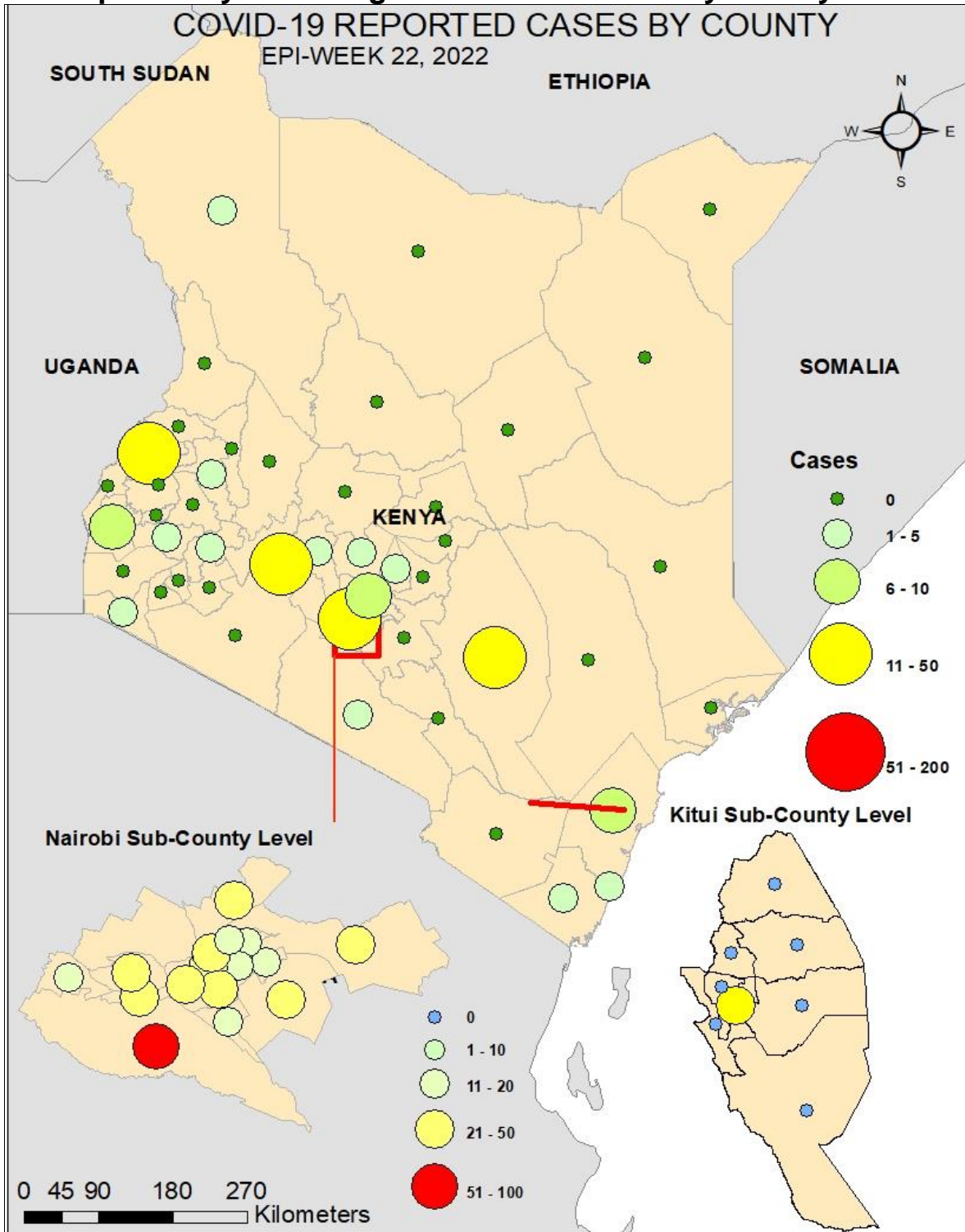


Figure 6 Case-loads by county

1.7 Kenya COVID-19 Vaccination Updates



Partially vaccinated: >18yrs- 2,482,283 **15 to <18 yrs- 812,731** **<15yrs- 30,939**
Fully Vaccinated: >18yrs- 8,509,538 **15 to <18 yrs- 311,414** **<15yrs- 5,940**
Booster Doses: >18yrs – 371,079

The Kenya Ministry of Health launched the National COVID-19 vaccinations on the 5th of March 2021. As of **10th June 2022**, a total of **2,482,283 persons** were vaccinated with the 1st dose, and **8,509,538 persons** were fully vaccinated.

Table 2: Vaccine Doses Dispensed as of 10th June 2022

Vaccine	Total doses Administered
Partially vaccinated adults	2,482,283
Fully vaccinated adults	8,509,538
Booster doses	371,079
Total doses (All Vaccines + Sputnik)	18,396,895
Partially Vaccinated 15- below 18 years	812,731
Fully Vaccinated 15- below 18 years	311,414
Partially Vaccinated below 15 years	30,939
Fully Vaccinated below 15 years	5,940
% of adults fully vaccinated	31.2%

The highest proportion of the population fully vaccinated is in Nyeri County at 53% and the least is Marsabit County at 9.8% (Table 3).

Table 3: Proportion of fully Vaccinated by County, 10th 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	270,060	510,028	53.0%	Kajiado	191,267	663,201	28.8%
Nairobi	1,505,273	3,052,494	49.3%	Kericho	144,762	508,980	28.4%
Kakamega	399,447	982,838	40.6%	Makueni	164,297	584,379	28.1%
Nakuru	491,666	1,273,265	38.6%	Homa Bay	168,119	608,326	27.6%
Laikipia	118,059	306,448	38.5%	Meru	253,458	949,186	26.7%
Taita Taveta	80,741	213,335	37.8%	Nandi	125,274	492,652	25.4%
Kisumu	248,023	656,147	37.8%	Elgeyo Marakwet	60,039	243,690	24.6%
Kirinyaga	155,782	413,708	37.7%	Baringo	74,233	338,937	21.9%
Kiambu	581,934	1,623,545	35.8%	Lamu	17,017	83,433	20.4%
Siaya	191,764	536,031	35.8%	Samburu	25,577	145,608	17.6%
Vihiga	113,147	329,317	34.4%	Kitui	107,115	624,506	17.2%
Machakos	310,356	905,172	34.3%	Turkana	80,291	468,878	17.1%
Muranga	225,480	675,364	33.4%	Kwale	73,990	451,261	16.4%
Uasin Gishu	224,981	693,570	32.4%	Bomet	75,469	465,963	16.2%
Trans Nzoia	165,275	518,077	31.9%	Kilifi	119,582	784,567	15.2%
Mombasa	249,398	804,202	31.0%	Narok	83,317	548,229	15.2%
Embu	122,586	395,980	31.0%	West Pokot	41,231	283,727	14.5%
Tharaka Nithi	76,154	246,699	30.9%	Garissa	52,370	399,358	13.1%
Migori	171,515	557,657	30.8%	Isiolo	17,382	133,358	13.0%
Bungoma	258,782	843,735	30.7%	Wajir	37,066	337,296	11.0%
Nyamira	104,327	341,397	30.6%	Tana River	16,158	151,051	10.7%
Nyandarua	114,479	376,776	30.4%	Mandera	35,351	341,857	10.3%
Kisii	208,053	697,445	29.8%	Marsabit	21,547	219,170	9.8%
Busia	137,344	465,190	29.5%	Total	8,509,538	27,246,033	31.2%

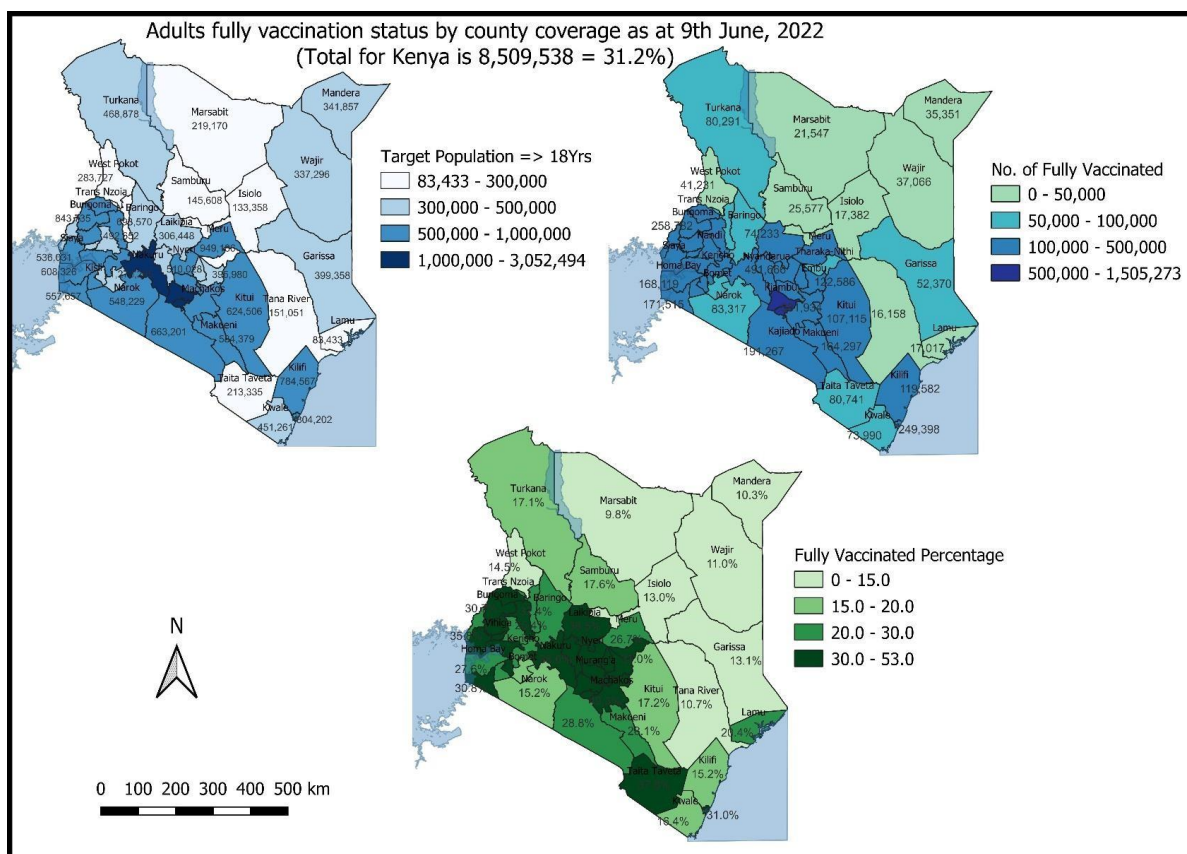


Figure 7: Adult full vaccination coverage by county

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 case is currently admitted to the intensive care unit on ventilatory support, four (4) 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