



MINISTRY OF HEALTH

DATA AS REPORTED BY 1700 HOURS 16 August 2022

COVID-19 OUTBREAK IN KENYA

DAILY SITUATION REPORT – 882

1. KEY HIGHLIGHTS

- Five (5)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **337,966 cases** as of **16th August 2022**. Counties reporting new cases are **Nairobi (4) and Kericho (1)**.
- Zero (0) deaths have been reported over the last 24 hours**. The total number of cumulative deaths reported since the beginning of the outbreak is **5673**, **case fatality rate (CFR) is 1.7%**
- All **47 counties** have cumulatively reported cases as follows: Nairobi (139,704), Kiambu (21,209), Mombasa (18,214), Nakuru (17,603), Uasin Gishu (10,767), Kisumu (7,949), Machakos (7,708), Kajiado (7,679), Kilifi (7,388), Siaya (7,091), Busia (6,621), Nyeri (6,181), Kericho (5,961), Kitui (5,217), Murang'a (4,652), Kakamega (4,252), Meru (4,134), Kisii (3,751), Migori (3,362), Laikipia (3,304), Bungoma (3,382), Makueni (3,102), Nyandarua (3,032), Garissa (2,758), Turkana (2,706), Embu (2,686), Trans Nzoia (2,429), Nandi (2,360), Kirinyaga (2,322), Homa Bay (2,152), Nyamira (2,116), Taita Taveta (2,060), Bomet (1,692), Baringo (1,697), Narok (1,395), Kwale (1,368), Tharaka Nithi (1,256), Vihiga (1,097), Marsabit (997), West Pokot (891), Lamu (779), Isiolo (776), Elgeyo Marakwet (532), Mandera (467), Tana River (469), Samburu (328), and Wajir (300).
- In epi-week **32, 2022**, **Nairobi City** and **Siaya** Counties had the highest attack rates of COVID-19 at **1.55** and **0.70** per **100,000** population respectively when compared to the national attack rate of **0.18/100,000** for the same epi-week.
- In the last 24 hours, **775 samples** were tested across various laboratories of which **five (5)** samples turned positive for COVID-19, a positivity rate of **0.6%**. Cumulatively, **3,839,597 tests** have been conducted.
- In the last 24 hours, **57** COVID-19 patients (**Health Facility: 10, HBIC: 47**) recovered and were discharged bringing the total number of recoveries and discharges to **332,160**
(**Facility: 53,592, HBIC: 278,568**).



1.1 Epidemiology

Since 13th March 2020 when the first case was confirmed in Kenya, a total of 337,966 confirmed cases and 5,673 deaths (CFR 1.7%) have been line-listed. Figure 1 and 2 below shows trends of cases and deaths for the last one year.

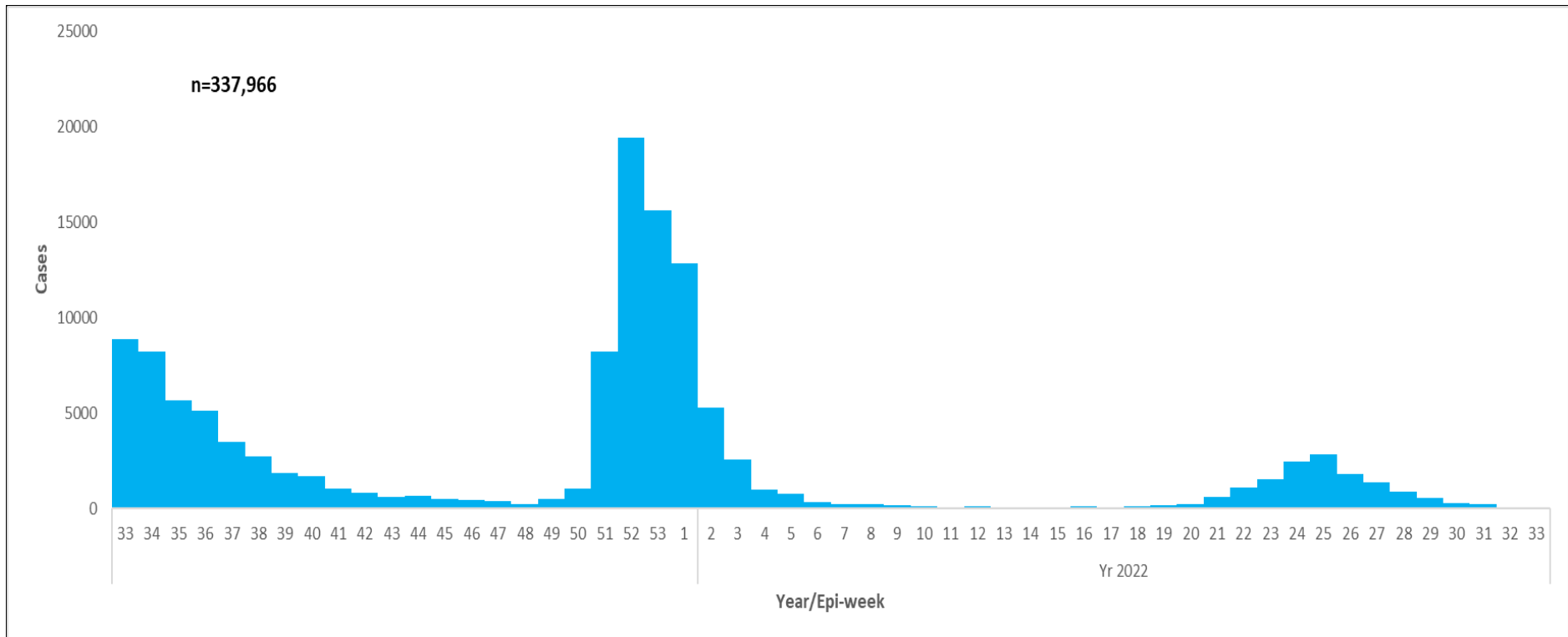


Figure 1: Trends of COVID-19 outbreak in Kenya in the last one year

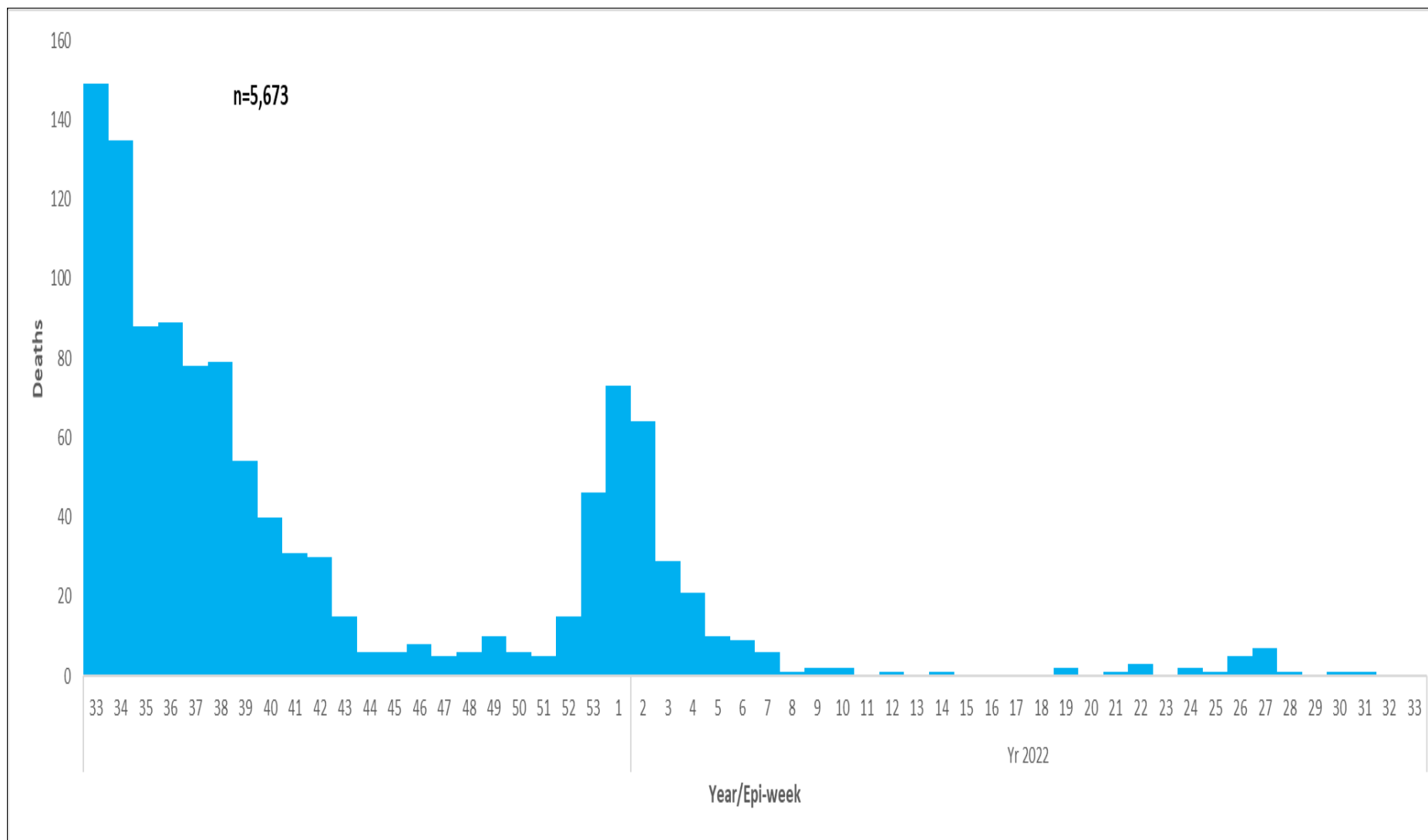


Figure 2: Trends of COVID-19 deaths in Kenya in the last one year

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 **80724.4** samples per 1,000,000 people. Figure 3 shows the weekly testing rate/1000 population/week for the last year.

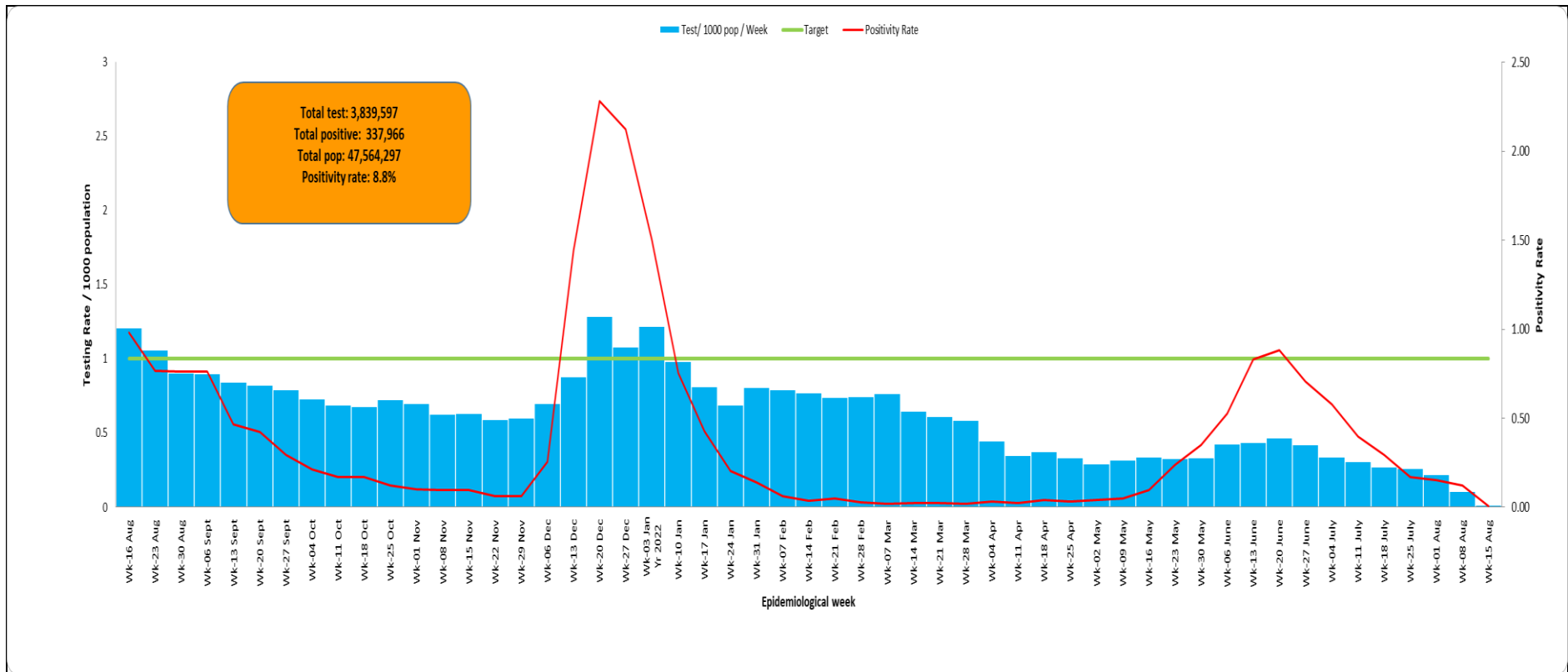


Figure 3: Laboratory Tests Conducted by Date Results were Shared

1.3 Age and Sex Distribution of COVID Confirmed Cases and Deaths

A total of **190,154 (56%)** of the cumulative cases are males and **147,811 (44%)** are females. Most cases, **87,117 (26%)** are in the age group of **30-39 years**. Of the **5673** cumulative deaths, **3,609 (64%)** are males and **2,064 (36%)** are females.

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

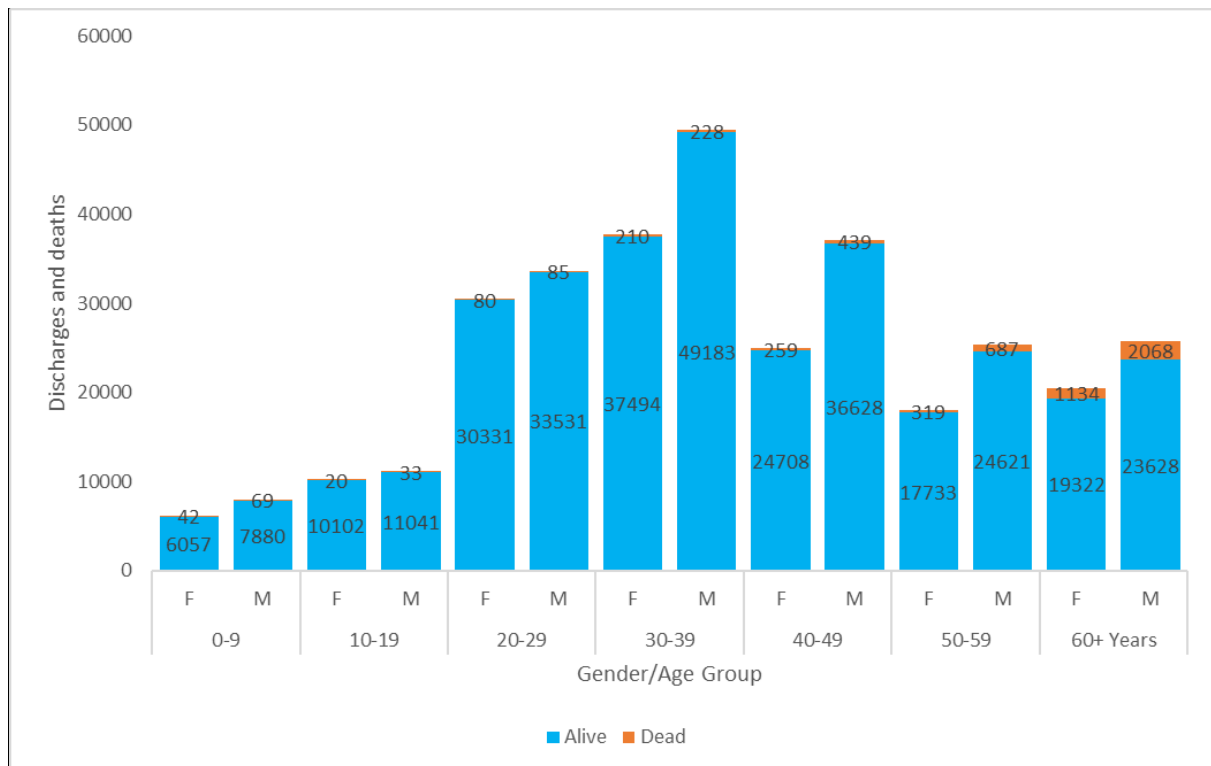


Figure 4: Age and Sex Distribution of COVID-19 Cases by the outcome in Kenya

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

Of the **337,966** cumulative cases, **139,703 (41.3%)** are from **Nairobi** County followed by **Kiambu** County with **21,209 (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	139703	3177.18	1557	1.11
Kiambu	2417735	21209	877.23	552	2.60
Mombasa	1208333	18214	1507.37	337	1.85
Nakuru	2162202	17603	814.12	538	3.06

County	Population	Covid-19 Cases	Attack Rates	Deaths	CFR
Uasin Gishu	1163186	10837	931.67	243	2.24
Kisumu	1155574	7949	687.88	85	1.07
Machakos	1421932	7709	542.15	194	2.52
Kajiado	1117840	7679	686.95	77	1.00
Kilifi	1453787	7386	508.05	35	0.47
Siaya	993183	7092	714.07	120	1.69
Busia	893681	6621	740.87	53	0.80
Nyeri	759164	6181	814.19	176	2.85
Kericho	901777	5961	661.03	68	1.14
Kitui	1136187	5217	459.17	111	2.13
Murang'a	1056640	4652	440.26	230	4.94
Kakamega	1867579	4252	227.67	119	2.80
Meru	1545714	4134	267.45	114	2.76
Kisii	1266860	3751	296.09	112	2.99
Migori	1116436	3382	302.93	5	0.15
Laikipia	518560	3362	648.33	62	1.84
Bungoma	1670570	3304	197.78	26	0.79
Makueni	987653	3102	314.08	101	3.26
Nyandarua	638289	3032	475.02	67	2.21
Garissa	841353	2758	327.81	98	3.55
Turkana	926976	2706	291.92	24	0.89
Embu	608599	2686	441.34	62	2.31
Trans Nzoia	990341	2429	245.27	9	0.37
Nandi	885711	2361	266.57	34	1.44
Kirinyaga	610411	2322	380.40	76	3.27
Homa Bay	1131950	2152	190.11	99	4.60
Nyamira	605576	2116	349.42	18	0.85
Taita Taveta	340671	2060	604.69	42	2.04
Baringo	666763	1697	193.79	14	0.82
Bomet	875689	1692	253.76	29	1.71
Narok	1157873	1395	120.48	24	1.72
Kwale	866820	1368	157.82	11	0.80
Tharaka Nithi	393177	1256	319.45	8	0.64
Vihiga	590013	1097	185.93	30	2.73
Marsabit	459785	997	216.84	2	0.20
West Pokot	621241	891	143.42	1	0.11
Lamu	143920	779	541.27	13	1.67
Isiolo	268002	776	289.55	43	5.54
Elgeyo Marakwet	454480	532	117.06	10	1.88
Mandera	867457	469	54.07	1	0.21
Tana River	315943	467	147.81	36	7.71
Samburu	310327	328	105.69	1	0.30
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 32**, **Nairobi City** County recorded the highest attack rate of **1.55** followed by **Siaya County** at **0.70** per 100,000 population (Figure 5).

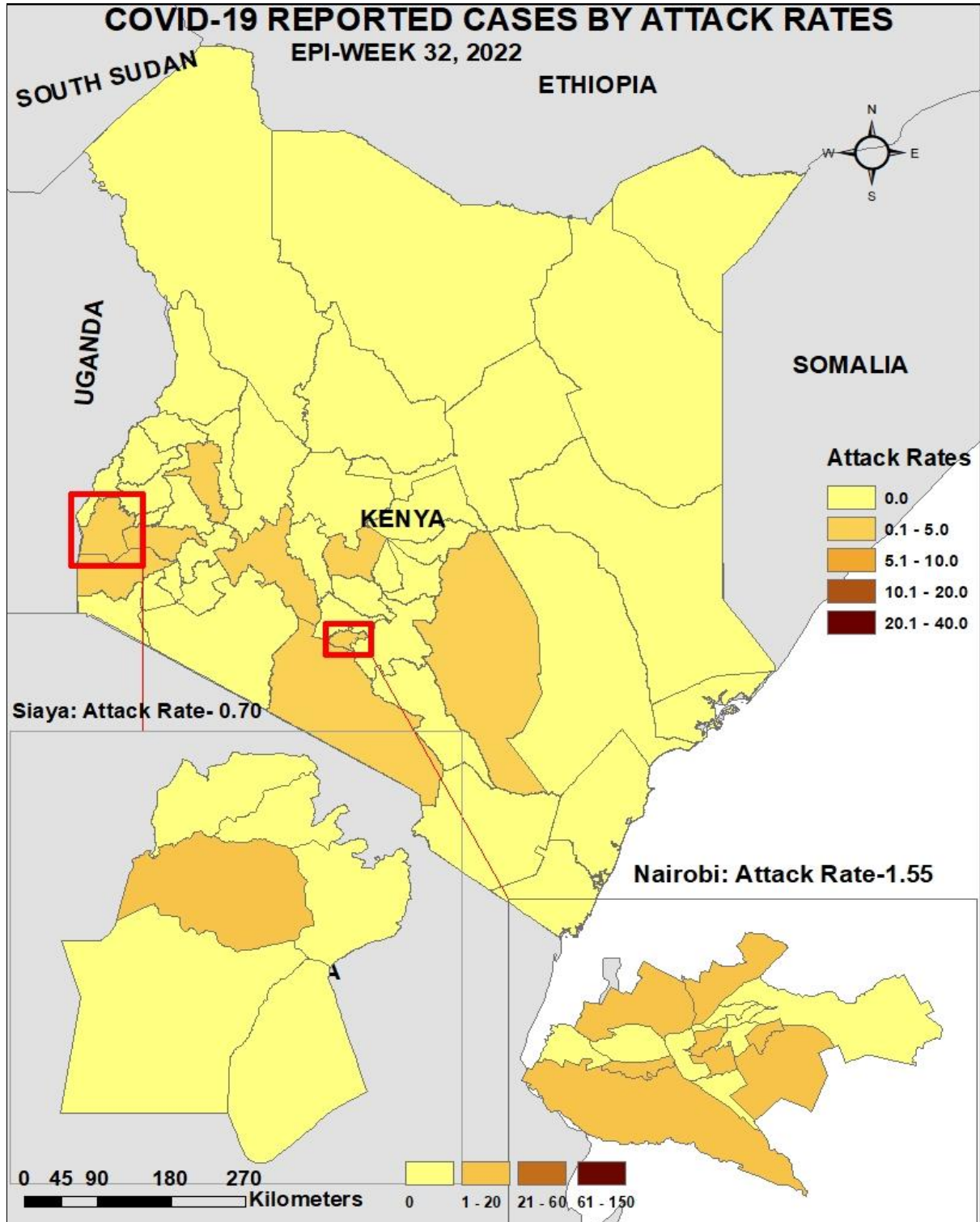


Figure 5: County Attack Rate per 100,000 Population

1.6 Map of Kenya showing COVID-19 caseload by County

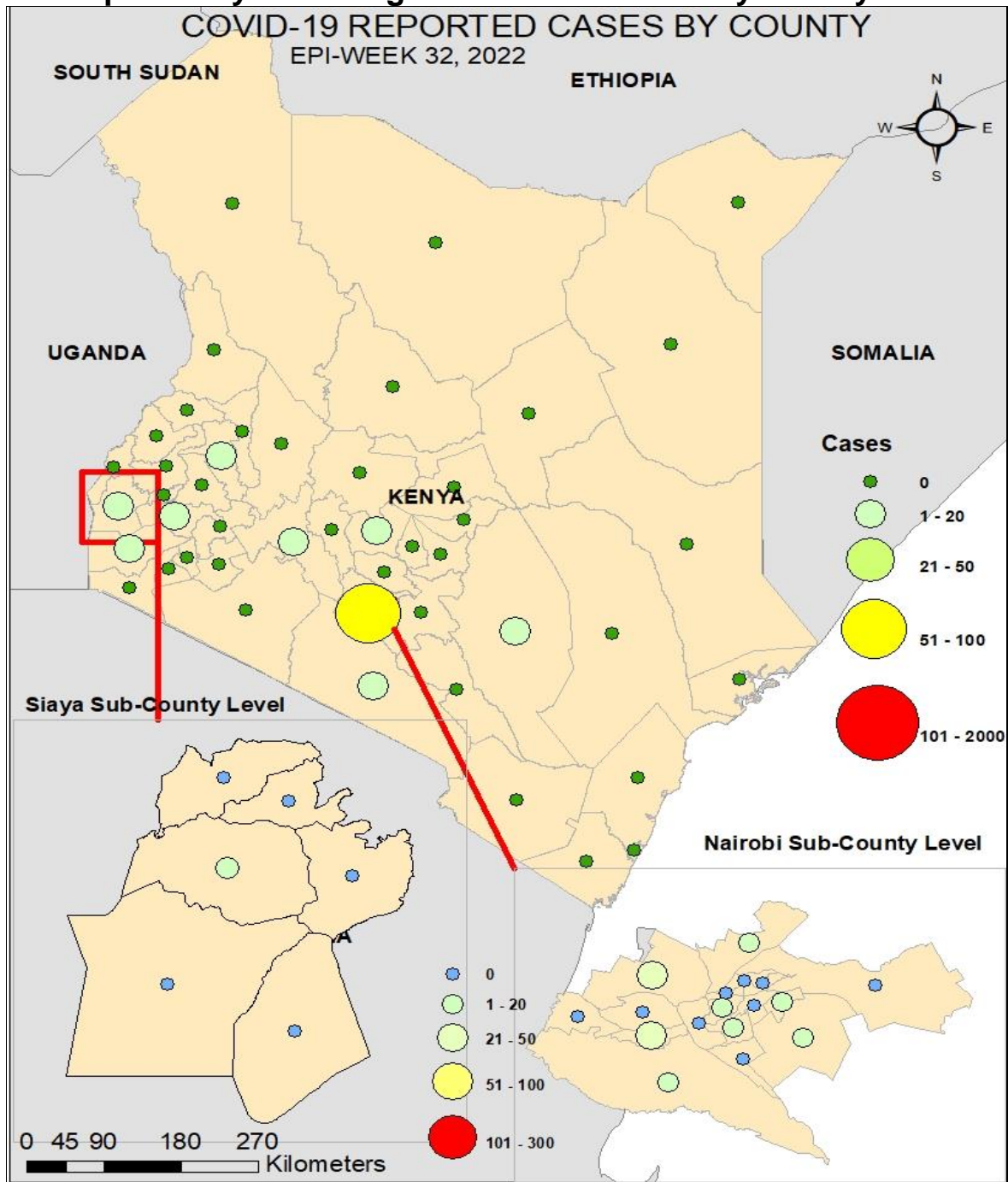


Figure 6 Case-loads by county

1.7 Kenya COVID-19 Vaccination Updates



Partially vaccinated: >18yrs- 2,294,160 **15 to <18 yrs- 883,784** **<15yrs- 314,129**
Fully Vaccinated: >18yrs- 9,348,589 **15 to <18 yrs- 502,387** **<15yrs- 12,908**
Booster Doses: >18yrs- 1,067,535

The Kenya Ministry of Health launched the National COVID-19 vaccinations on the 5th of March 2021. As of **13th August 2022**, a total of **2,294,160 persons** were vaccinated with the 1st dose, and **9,348,589 persons** were fully vaccinated.

Table 2: Vaccine Doses Dispensed as of 13th August 2022

Vaccine	Total doses Administered
Partially vaccinated adults	2,294,160
Fully vaccinated adults	9,348,589
Booster doses	1,067,535
Total doses (All Vaccines + Sputnik)	20,903,391
Partially Vaccinated 15- below 18 years	883,784
Fully Vaccinated 15- below 18 years	502,387
Partially Vaccinated below 15 years	314,129
Fully Vaccinated below 15 years	12,908
% of adults fully vaccinated	34.3%

The highest proportion of the population fully vaccinated is in Nyeri County at 53.5% and the least is Marsabit County at 10.4% (Table 3).

Table 3: Proportion of fully Vaccinated by County, 13th August 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	272,626	510,028	53.5%	Bungoma	278,628	843,735	33.0%
Nairobi	1,590,026	3,052,494	52.1%	Nyandarua	123,913	376,776	32.9%
Kisumu	289,928	656,147	44.2%	Makueni	190,604	584,379	32.6%
Kakamega	432,733	982,838	44.0%	Kericho	165,185	508,980	32.5%
Siaya	234,040	536,031	43.7%	Meru	282,208	949,186	29.7%
Nyamira	141,215	341,397	41.4%	Elgeyo Marakwet	66,702	243,690	27.4%
Nakuru	513,942	1,273,265	40.4%	Nandi	132,281	492,652	26.9%
Laikipia	122,416	306,448	39.9%	Baringo	84,602	338,937	25.0%
Migori	220,100	557,657	39.5%	Lamu	19,613	83,433	23.5%
Taita Taveta	82,495	213,335	38.7%	Kitui	137,840	624,506	22.1%
Homa Bay	233,198	608,326	38.3%	Samburu	31,630	145,608	21.7%
Kirinyaga	157,223	413,708	38.0%	Turkana	101,519	468,878	21.7%
Muranga	253,180	675,364	37.5%	Kwale	77,751	451,261	17.2%
Trans Nzoia	190,298	518,077	36.7%	Kilifi	134,956	784,567	17.2%
Kiambu	593,240	1,623,545	36.5%	Bomet	76,516	465,963	16.4%
Kisii	252,823	697,445	36.2%	Narok	83,963	548,229	15.3%
Machakos	321,349	905,172	35.5%	West Pokot	41,512	283,727	14.6%
Uasin Gishu	240,879	693,570	34.7%	Garissa	54,189	399,358	13.6%
Vihiga	113,909	329,317	34.6%	Isiolo	17,522	133,358	13.1%
Kajiado	229,243	663,201	34.6%	Wajir	37,342	337,296	11.1%
Tharaka Nithi	84,905	246,699	34.4%	Tana River	16,582	151,051	11.0%
Busia	158,942	465,190	34.2%	Marsabit	22,847	219,170	10.4%
Mombasa	273,616	804,202	34.0%	Mandera	35,543	341,857	10.4%
Embu	132,815	395,980	33.5%	Total	9,348,589	27,246,033	34.3%

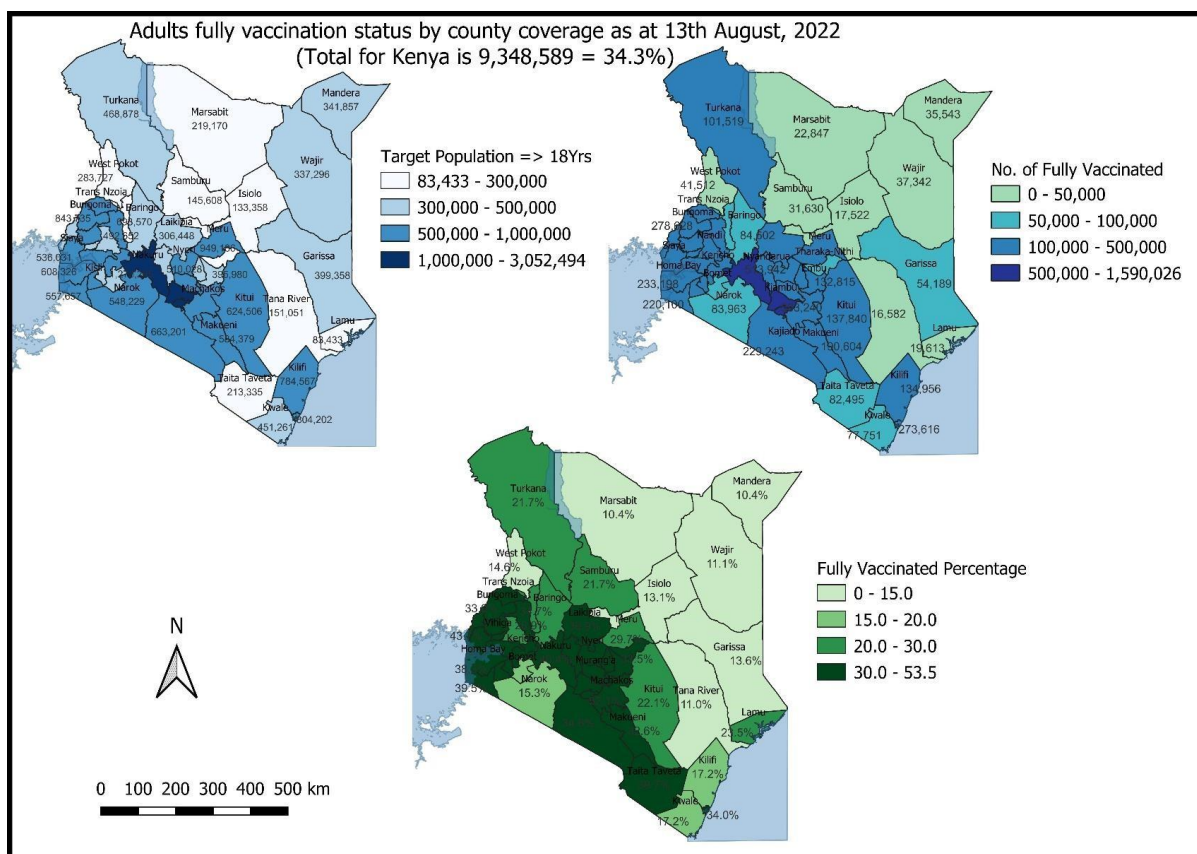


Figure 7: Adult full vaccination coverage by county

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
- One (1) COVID-19 case is currently admitted to the intensive care unit: zero (0) on ventilatory support, one (1) 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 Centre:

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

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

COVID-19 Dashboard: https://khro.health.go.ke/#/covid_19_tracker

Email: manager.eockenya@gmail.com