



MINISTRY OF HEALTH

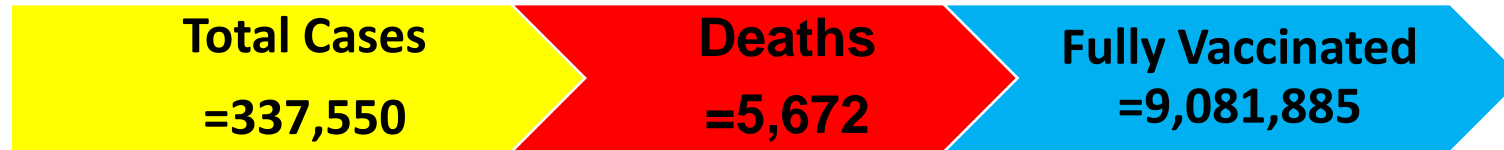
DATA AS REPORTED BY 1700 HOURS 29 JULY 2022

COVID-19 OUTBREAK IN KENYA

DAILY SITUATION REPORT – 864

1. KEY HIGHLIGHTS

- Fifty (50)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **337,550 cases** as of **29th July 2022**. Counties reporting new cases are **Nairobi (16), Nakuru (10), Uasin Gishu (6), Siaya (5), Kiambu (4), Busia (2), Homa Bay (2), Taita Taveta (2), Kirinyaga (1), Makueni (1) and Mombasa (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 **5672, case fatality rate (CFR) is 1.7%**
- All **47 counties** have cumulatively reported cases as follows: Nairobi (139,439), Kiambu (21,200), Mombasa (18,212), Nakuru (17,564), Uasin Gishu (10,756), Kisumu (7,945), Machakos (7,706), Kajiado (7,676), Kilifi (7,388), Siaya (7,072), Busia (6,619), Nyeri (6,179), Kericho (5,947), Kitui (5,216), Murang'a (4,649), Kakamega (4,252), Meru (4,133), Kisii (3,751), Migori (3,362), Laikipia (3,303), Bungoma (3,382), Makueni (3,102), Nyandarua (3,032), Garissa (2,756), Turkana (2,682), Embu (2,686), Trans Nzoia (2,429), Nandi (2,360), Kirinyaga (2,321), Homa Bay (2,149), Nyamira (2,116), Taita Taveta (2,059), Bomet (1,692), Baringo (1,697), Narok (1,394), Kwale (1,367), Tharaka Nithi (1,253), Vihiga (1,097), Marsabit (997), West Pokot (891), Lamu (779), Isiolo (776), Elgeyo Marakwet (532), Mandera (465), Tana River (469), Samburu (328), and Wajir (300).
- In epi-week **29, 2022, Nairobi City** and **Siaya** Counties had the highest attack rates of COVID-19 at **6.78** and **3.42** per **100,000** population respectively when compared to the national attack rate of **1.14/100,000** for the same epi-week.
- In the last 24 hours, **1,583 samples** were tested across various laboratories of which **fifty (50)** samples turned positive for COVID-19, a positivity rate of **3.2%**. Cumulatively, **3,818,074 tests** have been conducted.
- In the last 24 hours, **106** COVID-19 patients (**Health Facility: 0, HBIC: 106**) recovered and were discharged bringing the total number of recoveries and discharges to **331,234**
(**Facility: 53,535, HBIC: 277,699**).



1.1 Epidemiology

Since 13th March 2020 when the first case was confirmed in Kenya, a total of **337,550** confirmed cases and **5,672** deaths (**CFR 1.7%**) have been line-listed. **Figure 1 and 2** below shows trends of cases and deaths for the last one year.

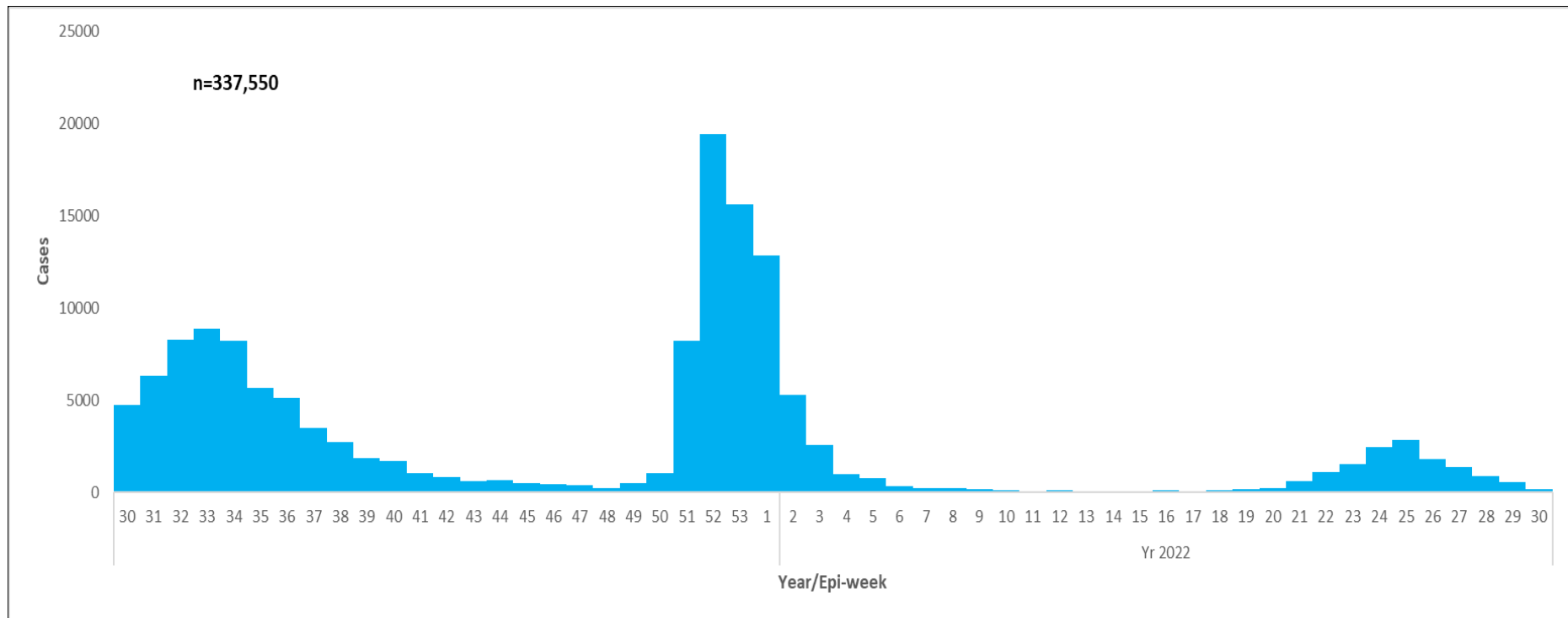


Figure 1: Trends of COVID-19 outbreak in Kenya in the last one year

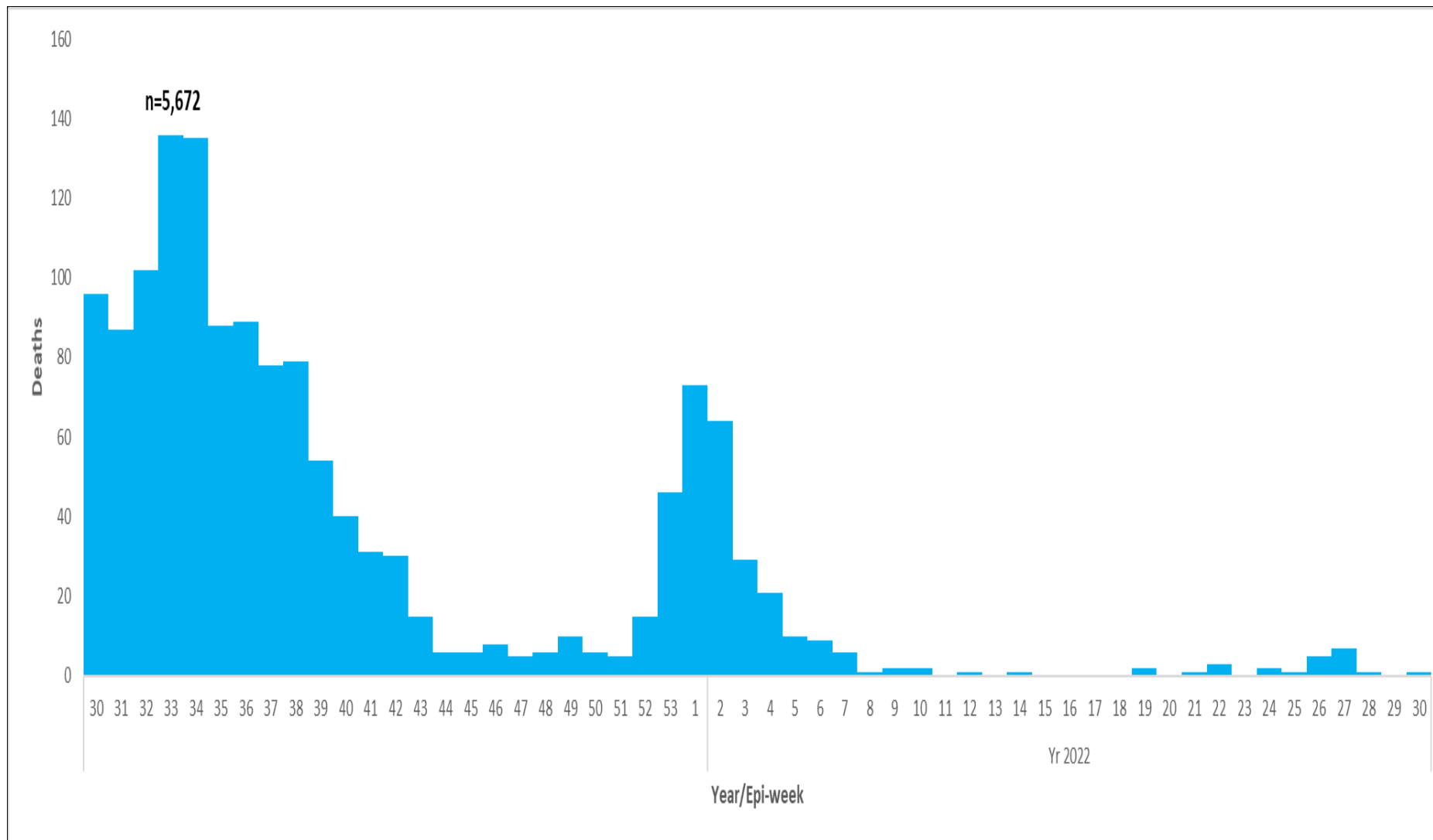


Figure 2: Trends of COVID-19 deaths in Kenya in the last one year

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 **80271.8** samples per 1,000,000 people. Figure 3 shows the weekly testing rate/1000 population/week for the last year.

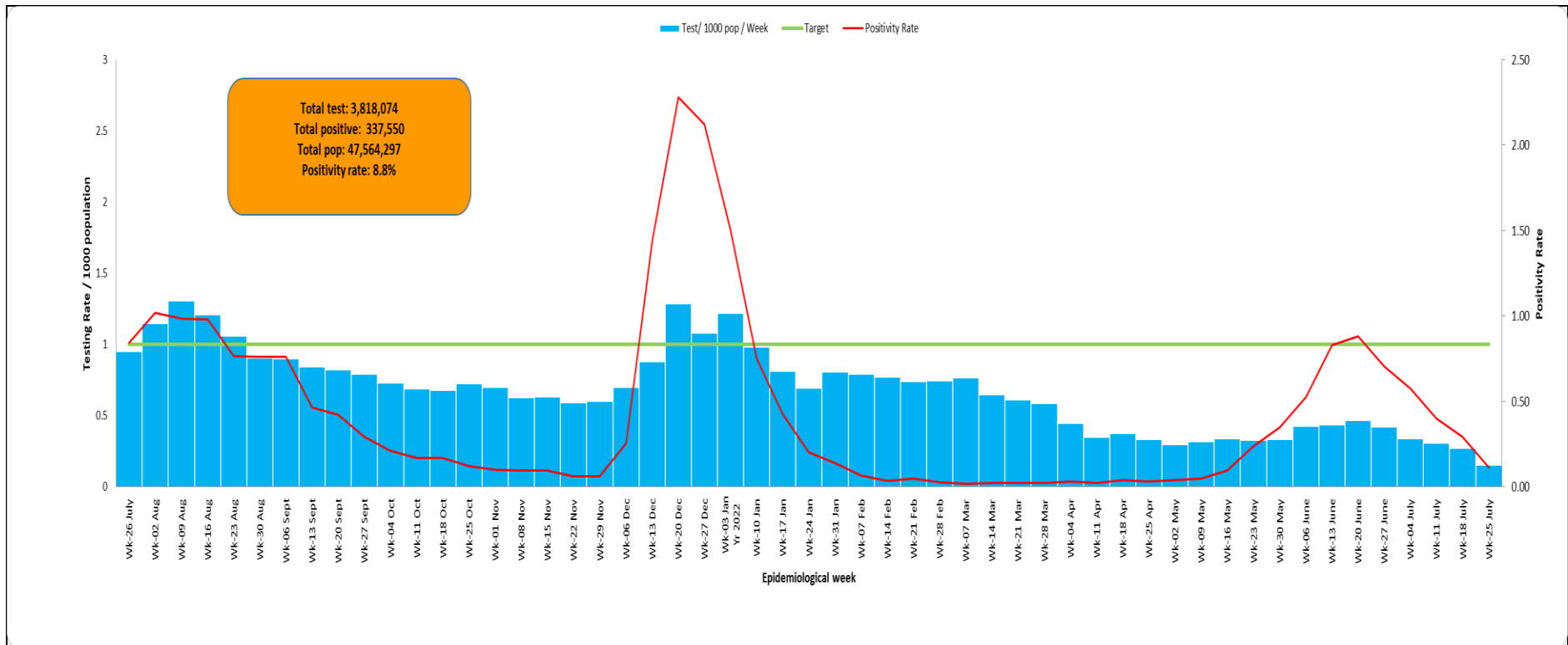


Figure 3: Laboratory Tests Conducted by Date Results were Shared

1.3 Age and Sex Distribution of COVID Confirmed Cases and Deaths

A total of **189,853 (56%)** of the cumulative cases are males and **147,647 (44%)** are females. Most cases, **86,993 (26%)** are in the age group of **30-39 years**. Of the **5672** cumulative deaths, **3,609 (64%)** are males and **2,063 (36%)** are females.

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

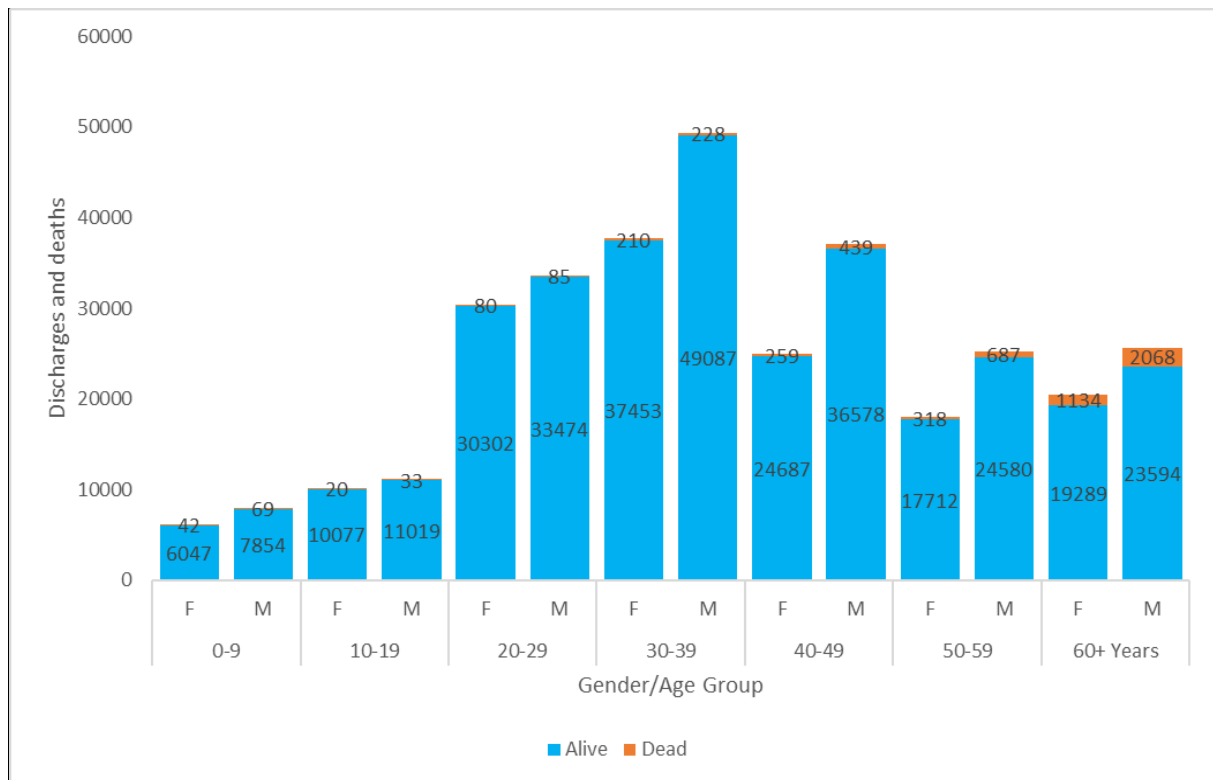


Figure 4: Age and Sex Distribution of COVID-19 Cases by the outcome in Kenya

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

Of the **337,550** cumulative cases, **139,423 (41.3%)** are from **Nairobi** County followed by **Kiambu** County with **21,196 (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	139423	3170.81	1557	1.12
Kiambu	2417735	21196	876.69	550	2.59
Mombasa	1208333	18211	1507.12	337	1.85
Nakuru	2162202	17554	811.86	538	3.06

County	Population	Covid-19 Cases	Attack Rates	Deaths	CFR
Uasin Gishu	1163186	10821	930.29	243	2.25
Kisumu	1155574	7945	687.54	85	1.07
Machakos	1421932	7706	541.94	194	2.52
Kajiado	1117840	7676	686.68	77	1.00
Kilifi	1453787	7386	508.05	35	0.47
Siaya	993183	7068	711.65	120	1.70
Busia	893681	6617	740.42	53	0.80
Nyeri	759164	6179	813.92	176	2.85
Kericho	901777	5947	659.48	68	1.14
Kitui	1136187	5216	459.08	111	2.13
Murang'a	1056640	4649	439.98	230	4.95
Kakamega	1867579	4252	227.67	119	2.80
Meru	1545714	4133	267.38	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	3303	197.72	26	0.79
Makueni	987653	3101	313.98	101	3.26
Nyandarua	638289	3032	475.02	67	2.21
Garissa	841353	2756	327.57	98	3.56
Turkana	926976	2686	289.76	62	2.31
Embu	608599	2682	440.68	24	0.89
Trans Nzoia	990341	2429	245.27	9	0.37
Nandi	885711	2360	266.45	34	1.44
Kirinyaga	610411	2320	380.07	76	3.28
Homa Bay	1131950	2147	189.67	98	4.56
Nyamira	605576	2116	349.42	18	0.85
Taita Taveta	340671	2057	603.81	42	2.04
Baringo	666763	1697	193.79	14	0.82
Bomet	875689	1692	253.76	29	1.71
Narok	1157873	1394	120.39	24	1.72
Kwale	866820	1367	157.70	11	0.80
Tharaka Nithi	393177	1253	318.69	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	36	7.68
Tana River	315943	465	147.18	1	0.22
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 29, Nairobi City** County recorded the highest attack rate of **6.78** followed by **Siaya County** at **3.42** per 100,000 population (Figure 5).

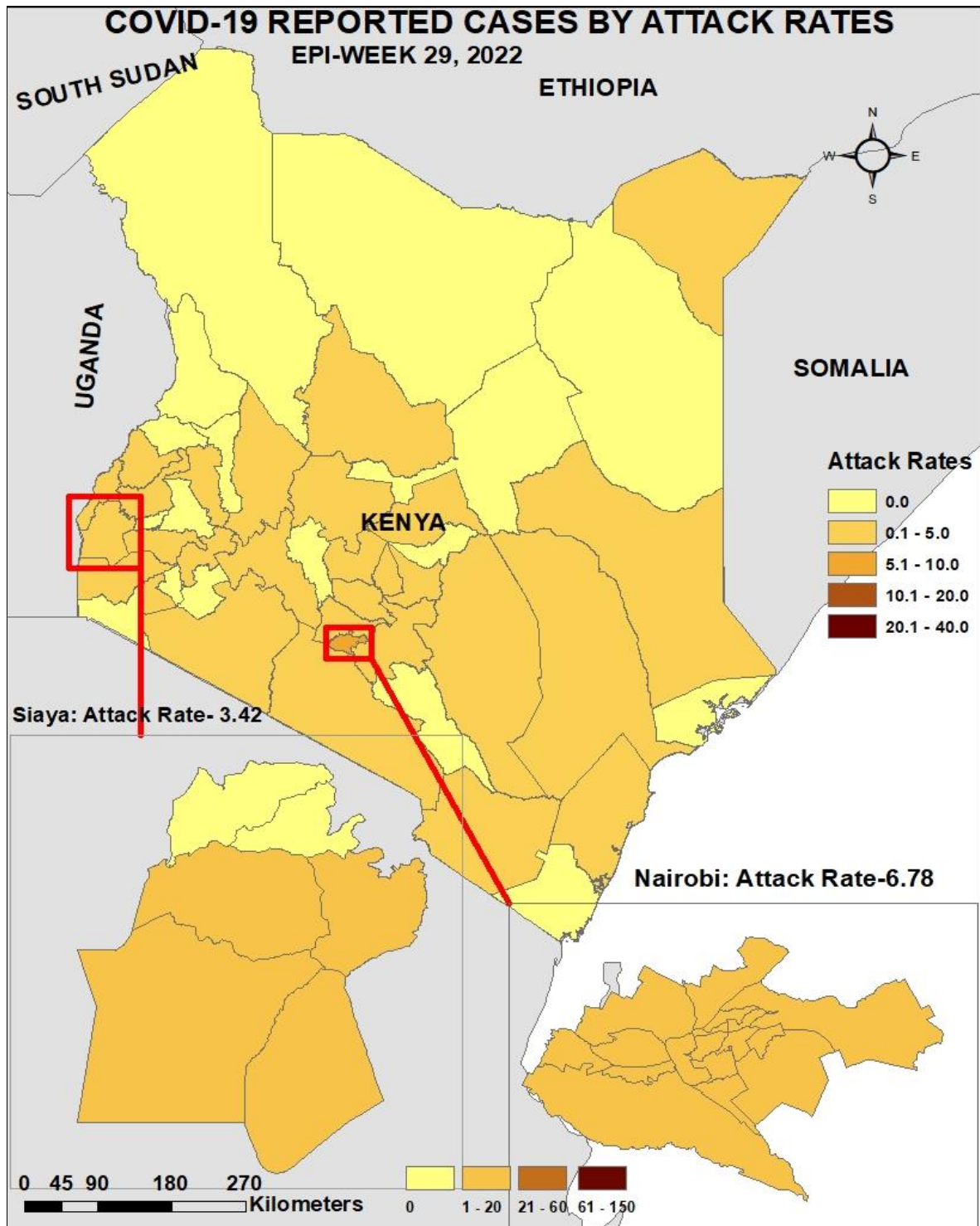


Figure 5: County Attack Rate per 100,000 Population

1.6 Map of Kenya showing COVID-19 caseload by County

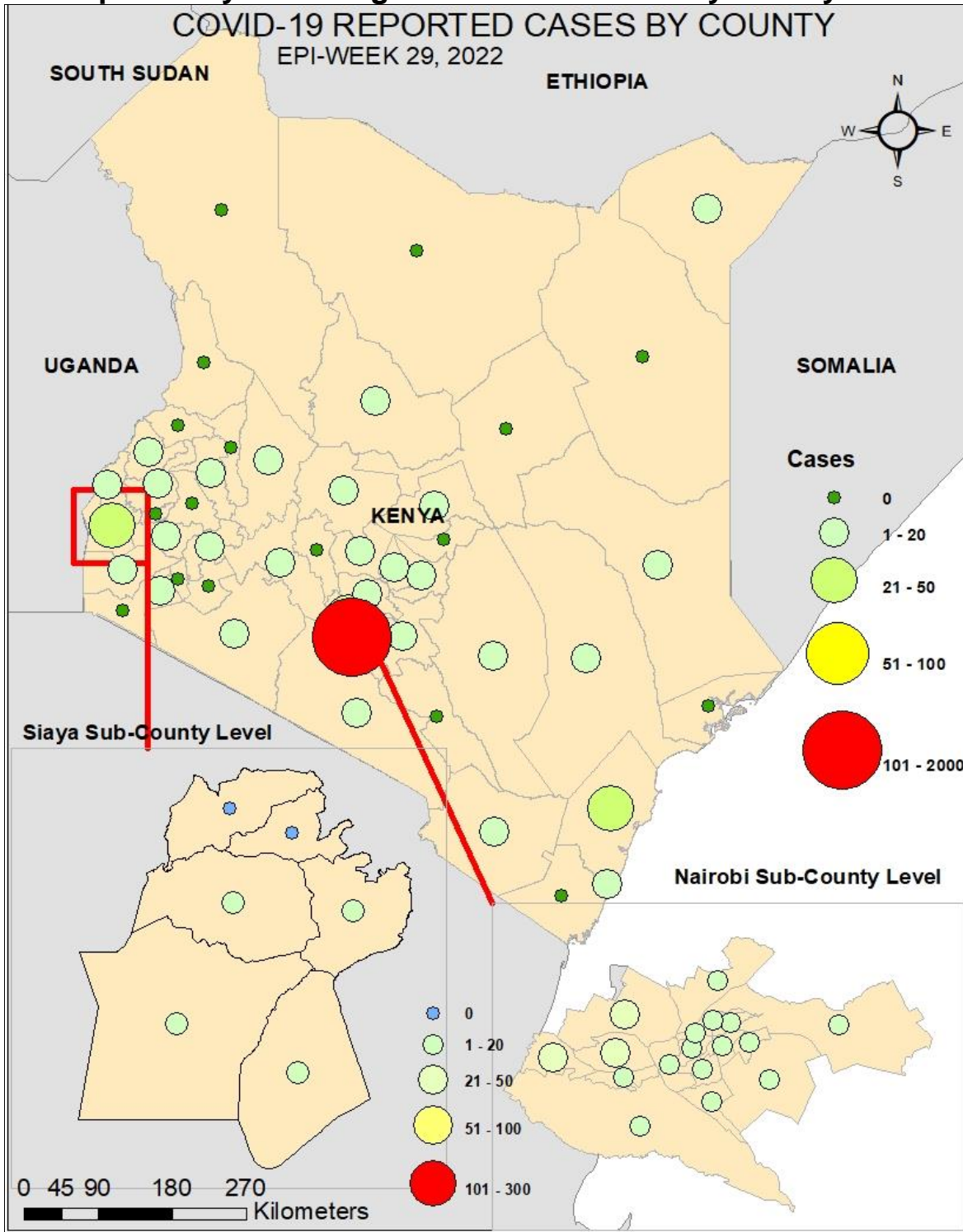


Figure 6 Case-loads by county

1.7 Kenya COVID-19 Vaccination Updates



Partially vaccinated: >18yrs- 2,336,538 **15 to <18 yrs- 848,670** **<15yrs- 184,523**
Fully Vaccinated: >18yrs- 9,128,515 **15 to <18 yrs- 455,027** **<15yrs- 9,973**
Booster Doses: >18yrs – 880,457

The Kenya Ministry of Health launched the National COVID-19 vaccinations on the 5th of March 2021. As of **28th July 2022**, a total of **2,336,538 persons** were vaccinated with the 1st dose, and **9,128,515 persons** were fully vaccinated.

Table 2: Vaccine Doses Dispensed as of 28th July 2022

Vaccine	Total doses Administered
Partially vaccinated adults	2,336,538
Fully vaccinated adults	9,128,515
Booster doses	880,457
Total doses (All Vaccines + Sputnik)	20,174,737
Partially Vaccinated 15- below 18 years	848,670
Fully Vaccinated 15- below 18 years	455,027
Partially Vaccinated below 15 years	184,523
Fully Vaccinated below 15 years	9,973
% of adults fully vaccinated	33.5%

The highest proportion of the population fully vaccinated is in Nyeri County at 53.3% and the least is Marsabit County at 10.4% (Table 3).

Table 3: Proportion of fully Vaccinated by County, 28th 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	272,134	510,028	53.4%	Embu	126,723	395,980	32.0%
Nairobi	1,584,072	3,052,494	51.9%	Tharaka Nithi	78,005	246,699	31.6%
Kakamega	427,926	982,838	43.5%	Kericho	155,894	508,980	30.6%
Kisumu	282,899	656,147	43.1%	Makueni	177,419	584,379	30.4%
Nakuru	509,607	1,273,265	40.0%	Meru	274,449	949,186	28.9%
Siaya	212,919	536,031	39.7%	Nandi	128,815	492,652	26.1%
Laikipia	121,693	306,448	39.7%	Elgeyo Marakwet	61,829	243,690	25.4%
Taita Taveta	82,154	213,335	38.5%	Baringo	79,944	338,937	23.6%
Kirinyaga	157,008	413,708	38.0%	Lamu	18,776	83,433	22.5%
Nyamira	129,298	341,397	37.9%	Kitui	129,652	624,506	20.8%
Migori	205,724	557,657	36.9%	Turkana	92,787	468,878	19.8%
Kiambu	591,973	1,623,545	36.5%	Samburu	28,510	145,608	19.6%
Muranga	245,994	675,364	36.4%	Kwale	77,139	451,261	17.1%
Homa Bay	221,456	608,326	36.4%	Kilifi	133,094	784,567	17.0%
Trans Nzoia	184,223	518,077	35.6%	Bomet	76,461	465,963	16.4%
Machakos	320,026	905,172	35.4%	Narok	83,853	548,229	15.3%
Kisii	244,893	697,445	35.1%	West Pokot	41,493	283,727	14.6%
Vihiga	113,826	329,317	34.6%	Garissa	54,009	399,358	13.5%
Uasin Gishu	236,244	693,570	34.1%	Isiolo	17,513	133,358	13.1%
Kajiado	222,341	663,201	33.5%	Wajir	37,255	337,296	11.0%
Mombasa	267,572	804,202	33.3%	Tana River	16,559	151,051	11.0%
Busia	152,456	465,190	32.8%	Mandera	35,521	341,857	10.4%
Bungoma	272,846	843,735	32.3%	Marsabit	22,723	219,170	10.4%
Nyandarua	120,808	376,776	32.1%	Total	9,128,515	27,246,033	33.5%

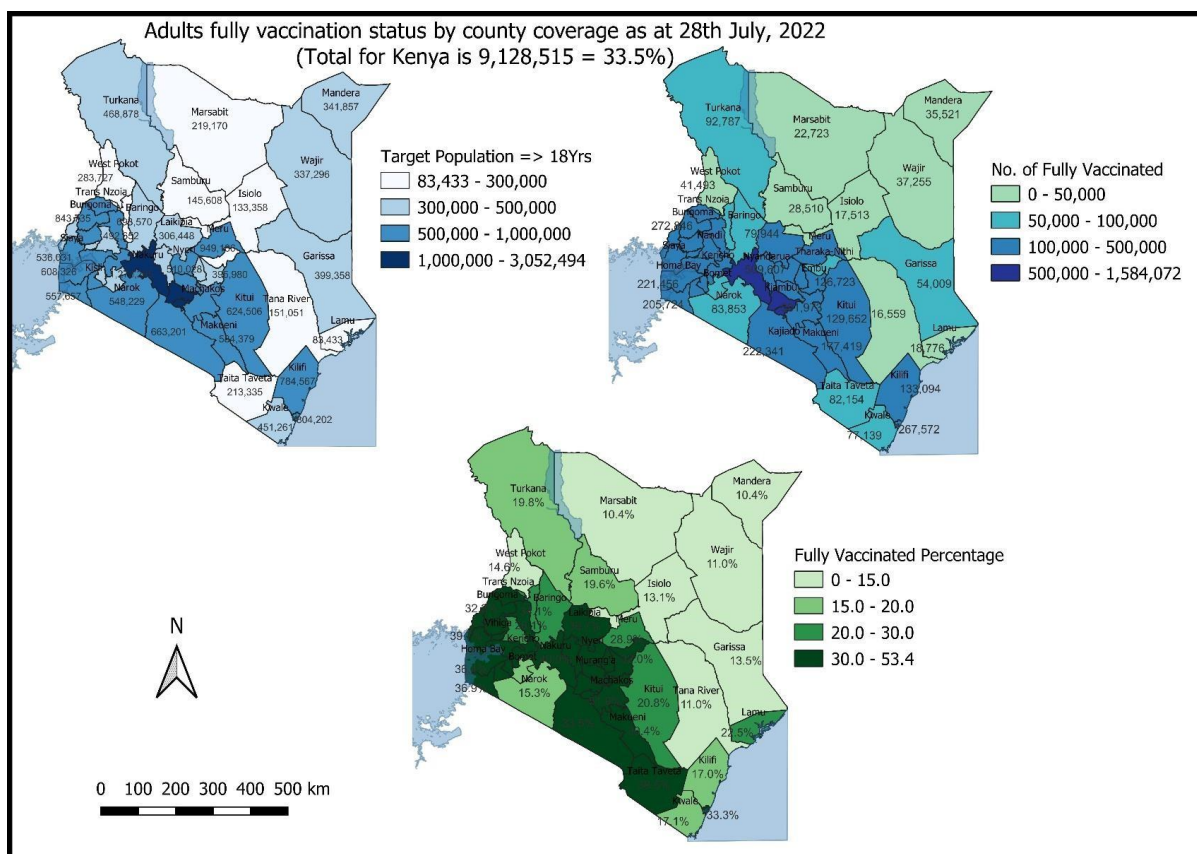


Figure 7: Adult full vaccination coverage by county

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
- Zero (0) COVID-19 cases are currently admitted to the intensive care unit: zero (0) 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