



MINISTRY OF HEALTH

DATA AS REPORTED BY 1700 HOURS 21 JULY 2022

COVID-19 OUTBREAK IN KENYA

DAILY SITUATION REPORT – 856

1. KEY HIGHLIGHTS

- Eighty (80)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **337,085 cases** as of **21st July 2022**. Counties reporting new cases are **Nairobi (45), Tharaka Nithi (9), Uasin Gishu (7), Siaya (5), Kilifi (4), Kiambu (4), Murang'a (1), Nakuru (1), Kajiado (1), Kisii (1), Embu (1) and Meru (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 **5670, case fatality rate (CFR) is 1.7%**
- All **47 counties** have cumulatively reported cases as follows: Nairobi (139,202), Kiambu (21,178), Mombasa (18,206), Nakuru (17,546), Uasin Gishu (10,732), Kisumu (7,938), Machakos (7,703), Kajiado (7,672), Kilifi (7,360), Siaya (7,047), Busia (6,615), Nyeri (6,173), Kericho (5,939), Kitui (5,213), Murang'a (4,645), Kakamega (4,250), Meru (4,129), Kisii (3,751), Migori (3,362), Laikipia (3,302), Bungoma (3,381), Makueni (3,101), Nyandarua (3,032), Garissa (2,753), Turkana (2,681), Embu (2,685), Trans Nzoia (2,422), Nandi (2,360), Kirinyaga (2,316), Homa Bay (2,144), Nyamira (2,116), Taita Taveta (2,055), Bomet (1,692), Baringo (1,696), Narok (1,393), Kwale (1,366), Tharaka Nithi (1,250), Vihiga (1,097), Marsabit (997), West Pokot (891), Lamu (779), Isiolo (773), Elgeyo Marakwet (532), Mandera (461), Tana River (460), Samburu (319), and Wajir (300).
- In epi-week **28, 2022, Nairobi City** and **Siaya** Counties had the highest attack rates of COVID-19 at **9.87** and **6.04** per **100,000** population respectively when compared to the national attack rate of **1.83/100,000** for the same epi-week.
- In the last 24 hours, **2,075 samples** were tested across various laboratories of which **eighty (80)** samples turned positive for COVID-19, a positivity rate of **3.9%**. Cumulatively, **3,804,085 tests** have been conducted.
- In the last 24 hours, **68** COVID-19 patients (**Health Facility: 0, HBIC: 68**) recovered and were discharged bringing the total number of recoveries and discharges to **330,261**
(**Facility: 53,433, HBIC: 276,828**).



1.1 Epidemiology

Since 13th March 2020 when the first case was confirmed in Kenya, a total of **337,085** confirmed cases and **5,670** deaths (**CFR 1.7%**) have been line-listed. **Figure 1 and 2** below shows trends of cases and deaths for the last one year.

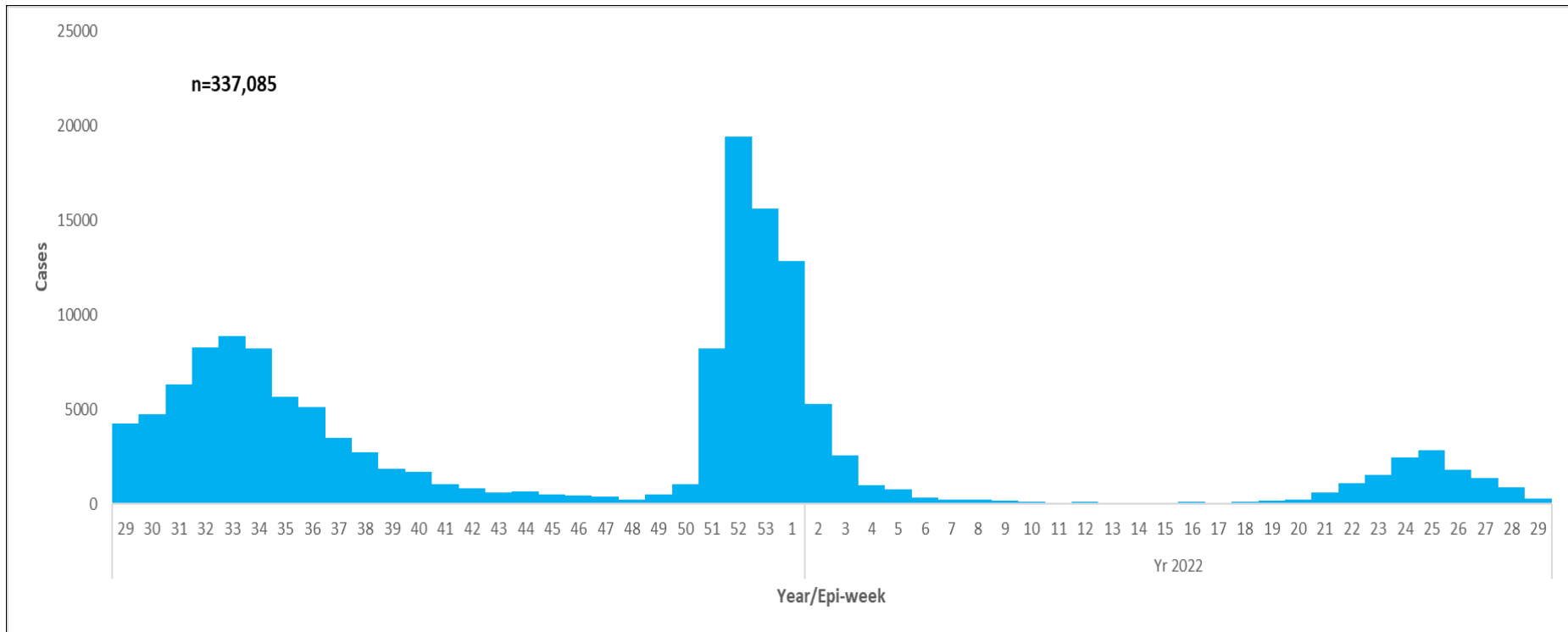


Figure 1: Trends of COVID-19 outbreak in Kenya in the last one year

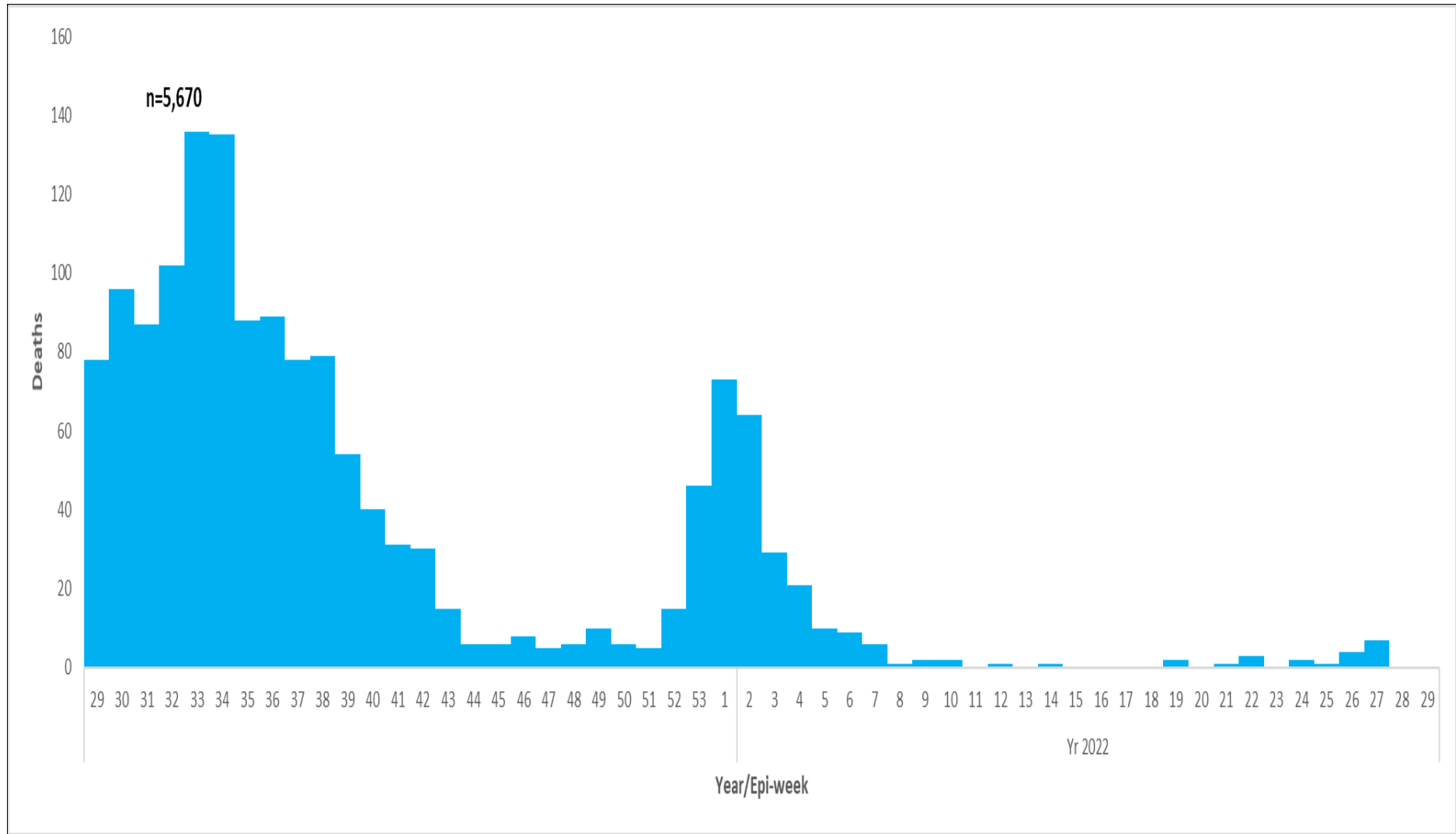


Figure 2: Trends of COVID-19 deaths in Kenya in the last one year

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 **79977.7** samples per 1,000,000 people. Figure 3 shows the weekly testing rate/1000 population/week for the last year.

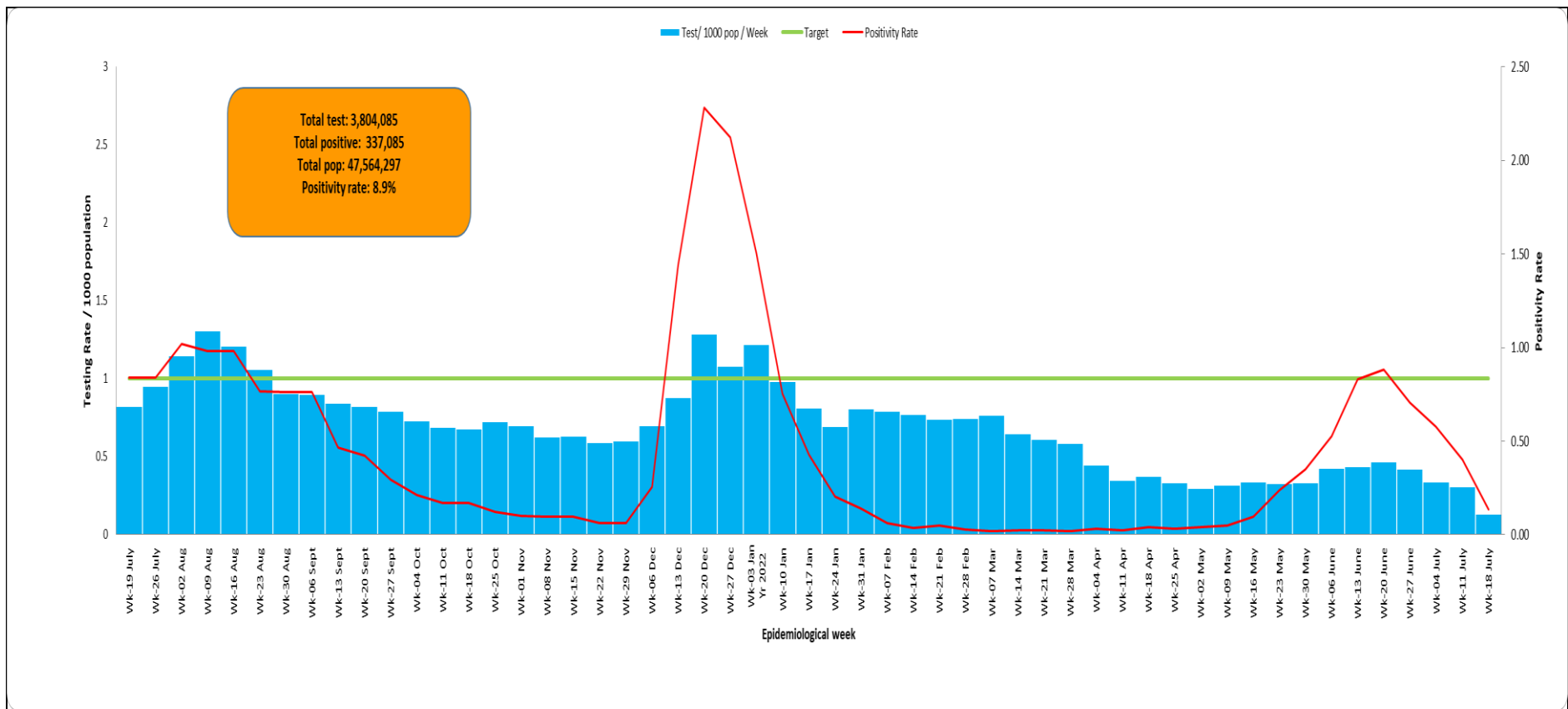


Figure 3: Laboratory Tests Conducted by Date Results were Shared

1.3 Age and Sex Distribution of COVID Confirmed Cases and Deaths

A total of **189,623 (56%)** of the cumulative cases are males and **147,462 (44%)** are females. Most cases, **86,896 (26%)** are in the age group of **30-39 years**. Of the **5670** cumulative deaths, **3,609 (64%)** are males and **2,061 (36%)** are females.

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

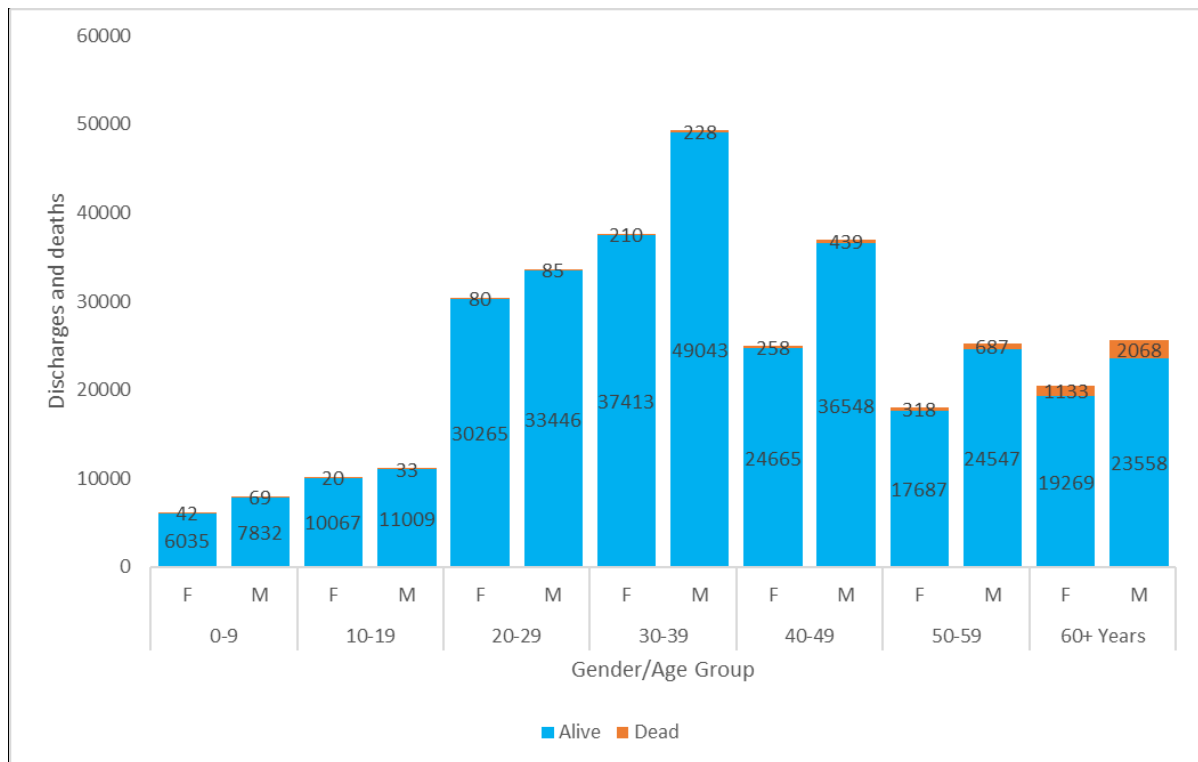


Figure 4: Age and Sex Distribution of COVID-19 Cases by the outcome in Kenya

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

Of the **337,085** cumulative cases, **139,202 (41.3%)** are from **Nairobi** County followed by **Kiambu** County with **21,178 (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	139202	3165.79	1557	1.12
Kiambu	2417735	21178	875.94	550	2.60
Mombasa	1208333	18206	1506.70	337	1.85
Nakuru	2162202	17546	811.49	538	3.07

County	Population	Covid-19 Cases	Attack Rates	Deaths	CFR
Uasin Gishu	1163186	10803	928.74	243	2.25
Kisumu	1155574	7938	686.93	85	1.07
Machakos	1421932	7703	541.73	194	2.52
Kajiado	1117840	7672	686.32	77	1.00
Kilifi	1453787	7358	506.13	35	0.48
Siaya	993183	7048	709.64	120	1.70
Busia	893681	6615	740.20	53	0.80
Nyeri	759164	6173	813.13	176	2.85
Kericho	901777	5939	658.59	68	1.14
Kitui	1136187	5213	458.82	111	2.13
Murang'a	1056640	4645	439.60	230	4.95
Kakamega	1867579	4250	227.57	119	2.80
Meru	1545714	4129	267.13	114	2.76
Kisii	1266860	3751	296.09	112	2.99
Migori	1116436	3381	302.84	5	0.15
Laikipia	518560	3362	648.33	62	1.84
Bungoma	1670570	3302	197.66	26	0.79
Makueni	987653	3101	313.98	101	3.26
Nyandarua	638289	3032	475.02	67	2.21
Garissa	841353	2753	327.21	98	3.56
Turkana	926976	2685	289.65	62	2.31
Embu	608599	2681	440.52	24	0.90
Trans Nzoia	990341	2422	244.56	9	0.37
Nandi	885711	2360	266.45	34	1.44
Kirinyaga	610411	2316	379.42	76	3.28
Homa Bay	1131950	2144	189.41	98	4.57
Nyamira	605576	2116	349.42	18	0.85
Taita Taveta	340671	2055	603.22	42	2.04
Baringo	666763	1696	193.68	14	0.83
Bomet	875689	1692	253.76	29	1.71
Narok	1157873	1393	120.31	24	1.72
Kwale	866820	1366	157.59	11	0.81
Tharaka Nithi	393177	1250	317.92	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	773	288.43	43	5.56
Elgeyo Marakwet	454480	532	117.06	10	1.88
Mandera	867457	461	53.14	36	7.81
Tana River	315943	460	145.60	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 28, Nairobi City County recorded the highest attack rate of 9.87 followed by Siaya County at 6.04 per 100,000 population (Figure 5).

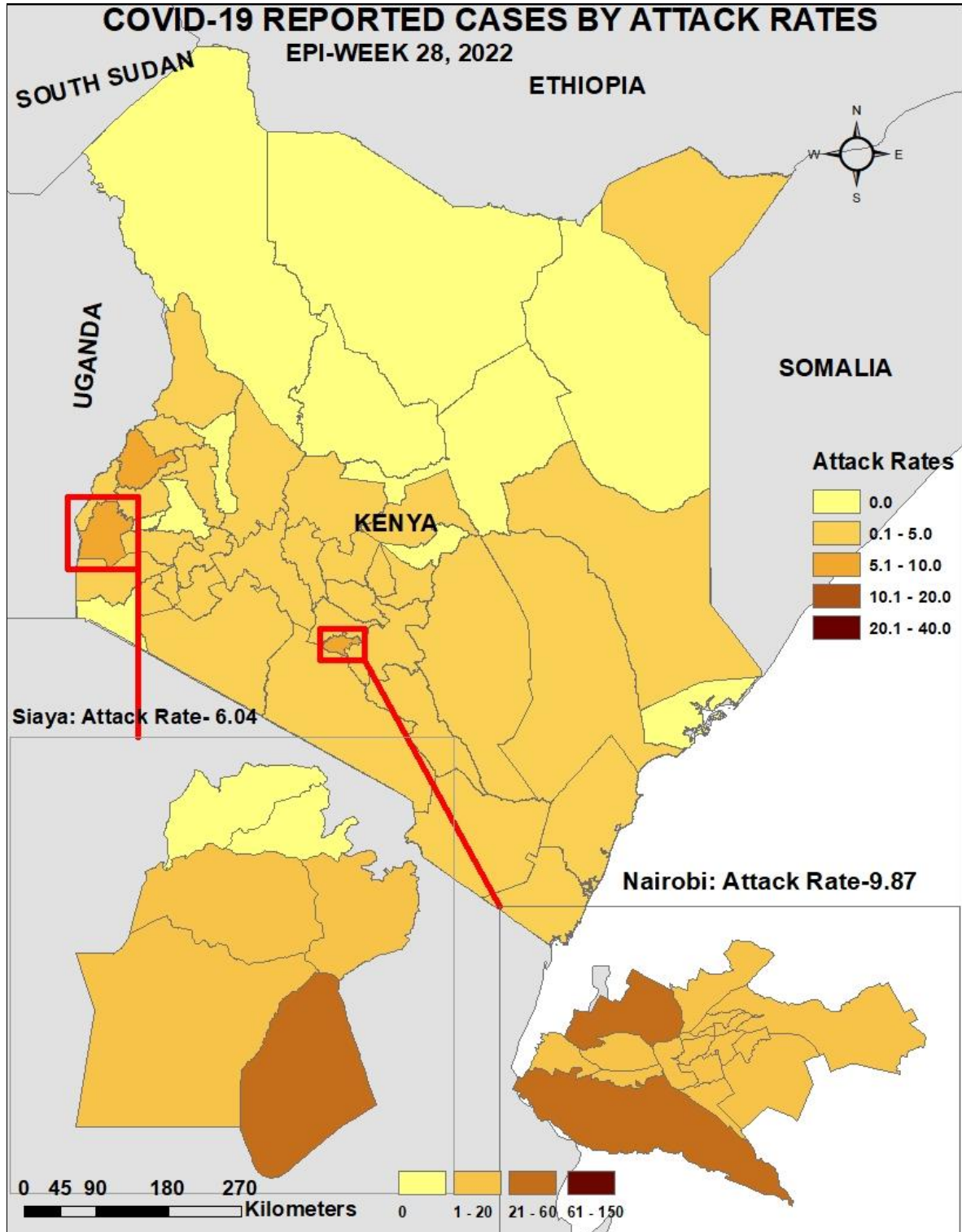


Figure 5: County Attack Rate per 100,000 Population

1.6 Map of Kenya showing COVID-19 caseload by County

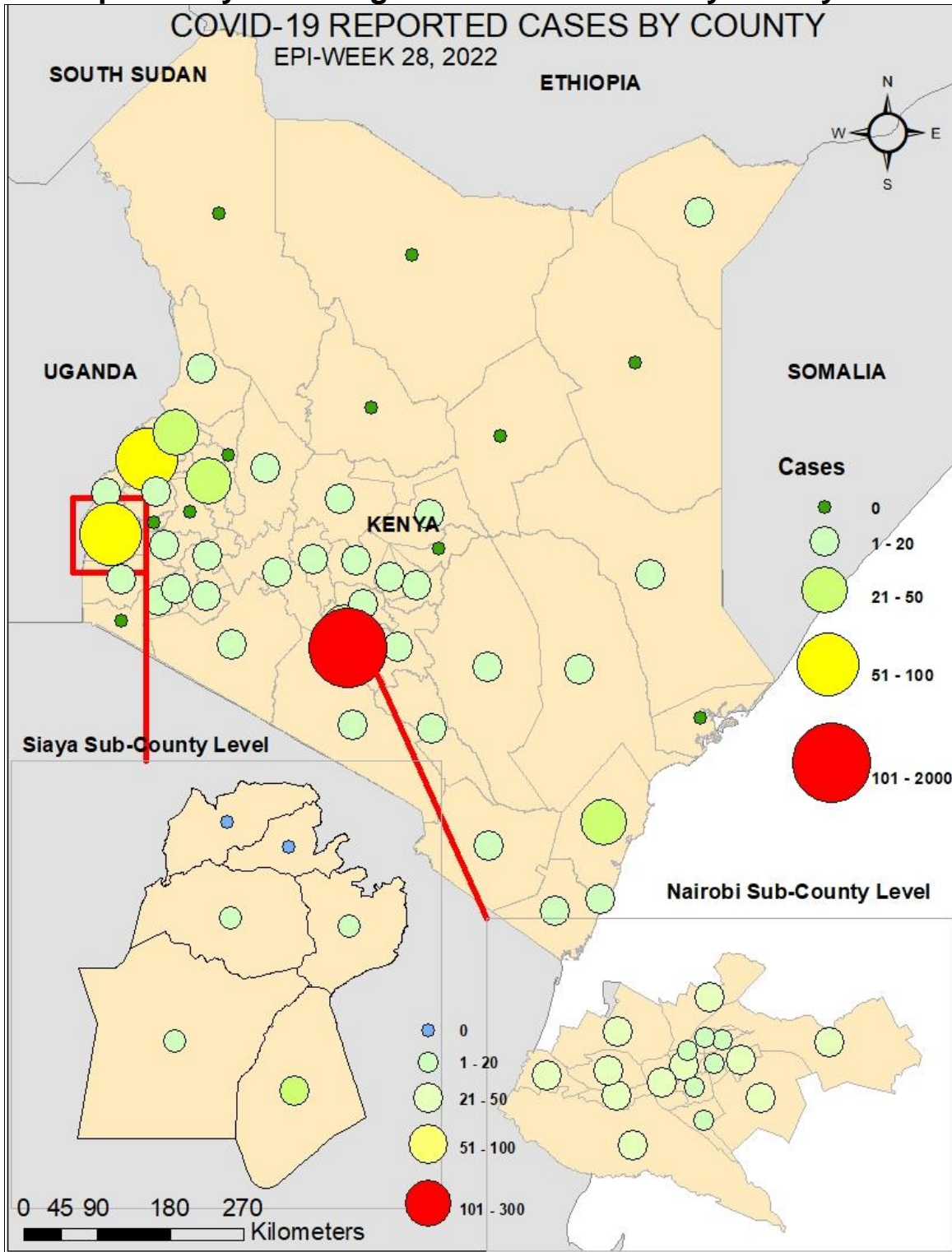


Figure 6 Case-loads by county

1.7 Kenya COVID-19 Vaccination Updates



Partially vaccinated: >18yrs- 2,416,113 **15 to <18 yrs- 819,908** **<15yrs- 41,101**
Fully Vaccinated: >18yrs- 8,810,464 **15 to <18 yrs- 379,025** **<15yrs- 7,314**
Booster Doses: >18yrs – 579,541

The Kenya Ministry of Health launched the National COVID-19 vaccinations on the 5th of March 2021. As of **19th July 2022**, a total of **2,416,113 persons** were vaccinated with the 1st dose, and **8,810,464 persons** were fully vaccinated.

Table 2: Vaccine Doses Dispensed as of 19th July 2022

Vaccine	Total doses Administered
Partially vaccinated adults	2,416,113
Fully vaccinated adults	8,810,464
Booster doses	579,541
Total doses (All Vaccines + Sputnik)	19,148,223
Partially Vaccinated 15- below 18 years	819,908
Fully Vaccinated 15- below 18 years	379,025
Partially Vaccinated below 15 years	41,101
Fully Vaccinated below 15 years	7,314
% of adults fully vaccinated	32.3%

The highest proportion of the population fully vaccinated is in Nyeri County at 53.2% and the least is Marsabit County at 10.1% (Table 3).

Table 3: Proportion of fully Vaccinated by County, 19th 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	271,781	510,028	53.3%	Homa Bay	186,342	608,326	30.6%
Nairobi	1,571,253	3,052,494	51.5%	Nyandarua	115,121	376,776	30.6%
Kakamega	415,024	982,838	42.2%	Makueni	169,040	584,379	28.9%
Kisumu	267,796	656,147	40.8%	Kericho	146,214	508,980	28.7%
Nakuru	507,516	1,273,265	39.9%	Meru	254,275	949,186	26.8%
Laikipia	120,944	306,448	39.5%	Nandi	126,273	492,652	25.6%
Siaya	206,042	536,031	38.4%	Elgeyo Marakwet	60,244	243,690	24.7%
Taita Taveta	81,820	213,335	38.4%	Baringo	74,868	338,937	22.1%
Kirinyaga	156,839	413,708	37.9%	Lamu	17,174	83,433	20.6%
Kiambu	590,091	1,623,545	36.3%	Kitui	113,167	624,506	18.1%
Machakos	319,021	905,172	35.2%	Turkana	83,648	468,878	17.8%
Muranga	234,016	675,364	34.7%	Samburu	25,705	145,608	17.7%
Vihiga	113,727	329,317	34.5%	Kwale	76,536	451,261	17.0%
Nyamira	114,104	341,397	33.4%	Bomet	76,306	465,963	16.4%
Kisii	229,997	697,445	33.0%	Kilifi	127,218	784,567	16.2%
Trans Nzoia	170,825	518,077	33.0%	Narok	83,783	548,229	15.3%
Uasin Gishu	228,474	693,570	32.9%	West Pokot	41,464	283,727	14.6%
Migori	182,951	557,657	32.8%	Garissa	53,737	399,358	13.5%
Mombasa	255,727	804,202	31.8%	Isiolo	17,498	133,358	13.1%
Busia	145,108	465,190	31.2%	Wajir	37,109	337,296	11.0%
Embu	123,193	395,980	31.1%	Tana River	16,542	151,051	11.0%
Bungoma	261,798	843,735	31.0%	Mandera	35,495	341,857	10.4%
Kajiado	205,675	663,201	31.0%	Marsabit	22,493	219,170	10.3%
Tharaka Nithi	76,490	246,699	31.0%	Total	8,810,464	27,246,033	32.3%

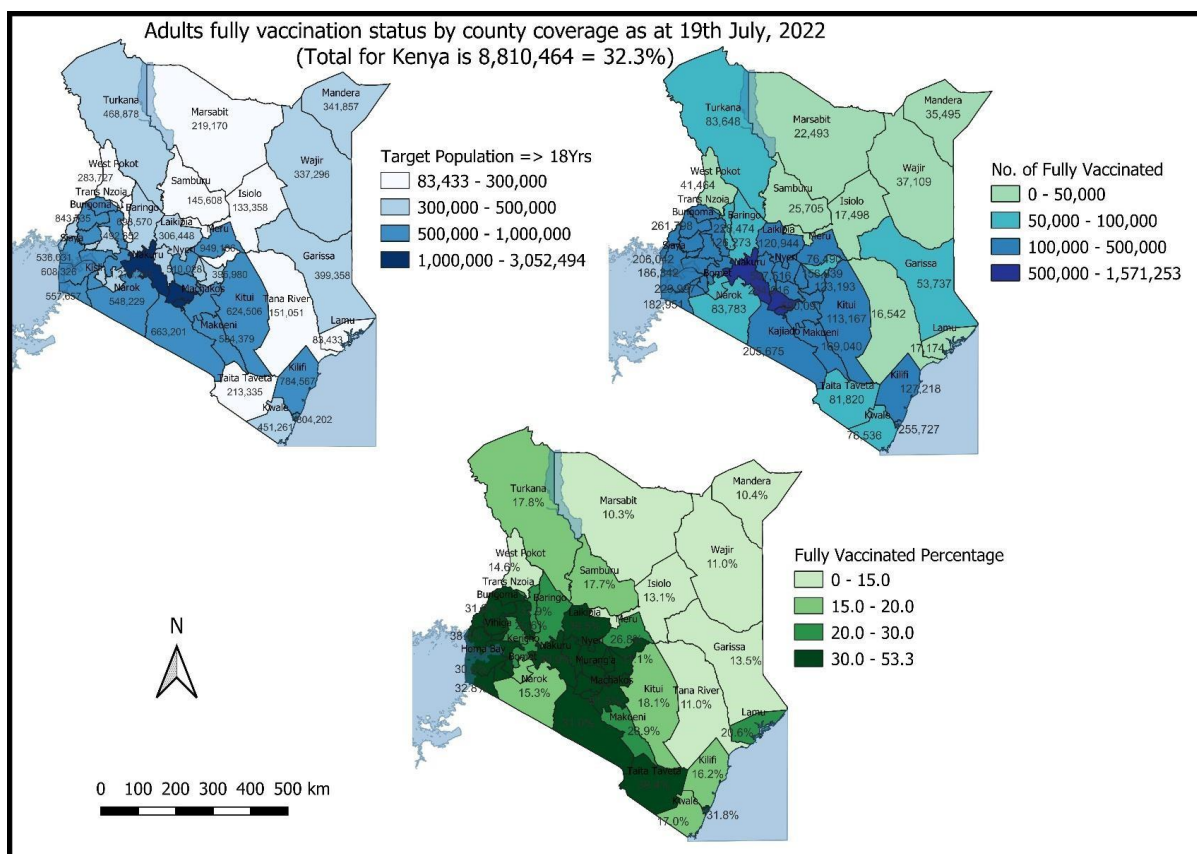


Figure 7: Adult full vaccination coverage by county

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
- Three (3) COVID-19 cases are currently admitted to the intensive care unit: one (2) 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 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