



COVID-19 OUTBREAK IN KENYA

DAILY SITUATION REPORT – 793

1. KEY HIGHLIGHTS

- 1. Thirty-two (32)** new confirmed COVID-19 cases were reported in the last 24 hours bringing the total number of confirmed cases in Kenya to **324,129 cases** as of **19 May 2022**. Counties reporting new cases are **Nairobi (28), Kiambu (1), Kisumu (1), Makueni (1), and Kwale (1)**.
- 2. 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 **5649, case fatality rate (CFR) is 1.7%**
- 3.** All **47 counties** have cumulatively reported cases as follows: Nairobi (131,552), Kiambu (20201), Mombasa (17948), Nakuru (17070), Uasin Gishu (10570), Kisumu (7806), Machakos (7621), Kajiado (7597), Kilifi (7003), Busia (6539), Siaya (6432), Nyeri (5865), Kericho (5773), Kitui (4893), Murang'a (4442), Kakamega (4201), Meru (4086), Kisii (3721), Migori (3352), Laikipia (3220), Bungoma (3150), Makueni (3076), Nyandarua (2986), Turkana (2671), Garissa (2668), Embu (2638), Trans Nzoia (2367), Nandi (2360), Kirinyaga (2257), Homa Bay (2114), Nyamira (2080), Taita Taveta (2046), Baringo (1682), Bomet (1678), Narok (1371), Kwale (1347), Tharaka Nithi (1241), Vihiga (1097), Marsabit (997), West pokot (855), Isiolo (773), Lamu (772), Elgeyo Marakwet (532), Mandera (447), Tana River (409), Samburu (315), and Wajir (300).
- 4.** In epi-week **19, 2022, Nairobi city** and **Lamu** Counties had the highest attack rates of COVID-19 at **2.16** and **1.39** per **100,000** population respectively when compared to the national attack rate of **0.26/100,000** for the same epi-week.
- 5.** In the last 24 hours, **2,059 samples** were tested across various laboratories of which **thirty-two (32)** samples turned positive for COVID-19, a positivity rate of **1.6%**. Cumulatively, **3,642,521 tests** have been conducted.
- 6.** In the last 24 hours, **19** COVID-19 patients (**Health Facility: 0, HBIC: 19**) recovered and were discharged bringing the total number of recoveries and discharges to **318,224 (Facility: 53,031, HBIC: 265,193)**.



1.1 Epidemiology

Since 13 March 2020 when the first case was confirmed in Kenya, a total of **324,129** confirmed cases and **5,649** deaths (CFR **1.7%**) have been line-listed. **Figure 1 and 2** below shows trends of cases and deaths for the last one year.

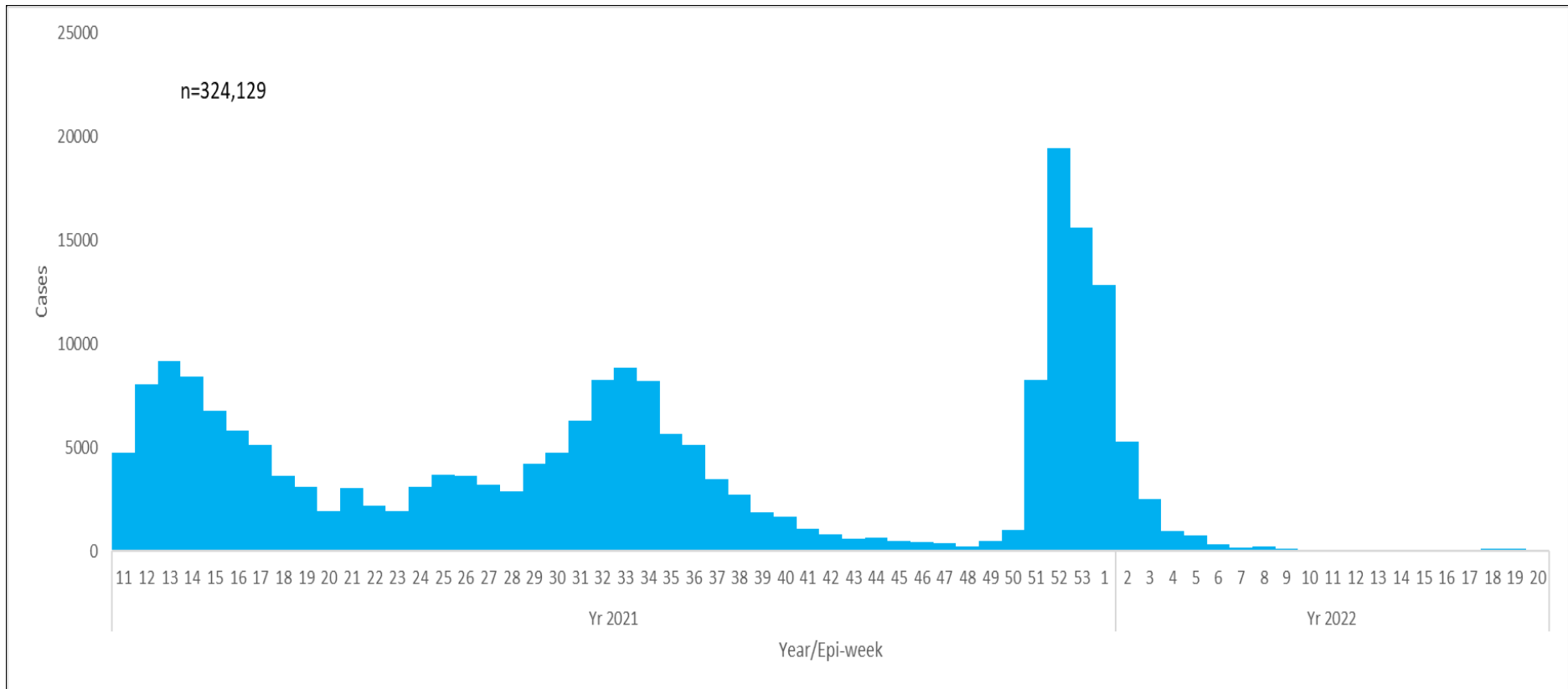


Figure 1: Trends of COVID-19 outbreak in Kenya in the last one year

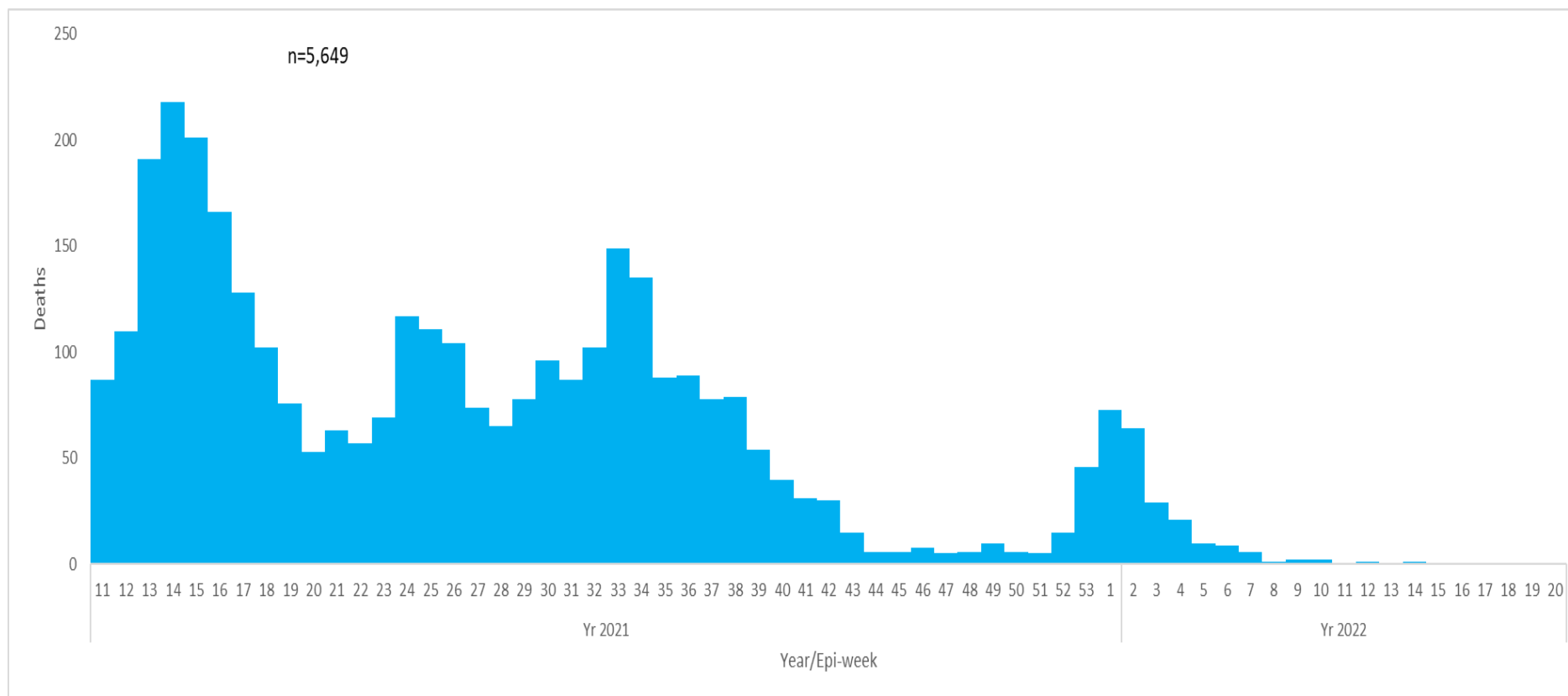


Figure 2: Trends of COVID-19 deaths in Kenya in the last one year

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 testing rate of suspect cases, is optimum at least 1/1000 population/week. The laboratory test rate currently stands at **76580.9** samples per 1,000,000 people. Figure 3 shows the weekly testing rate/1000 population/week for the last one year.

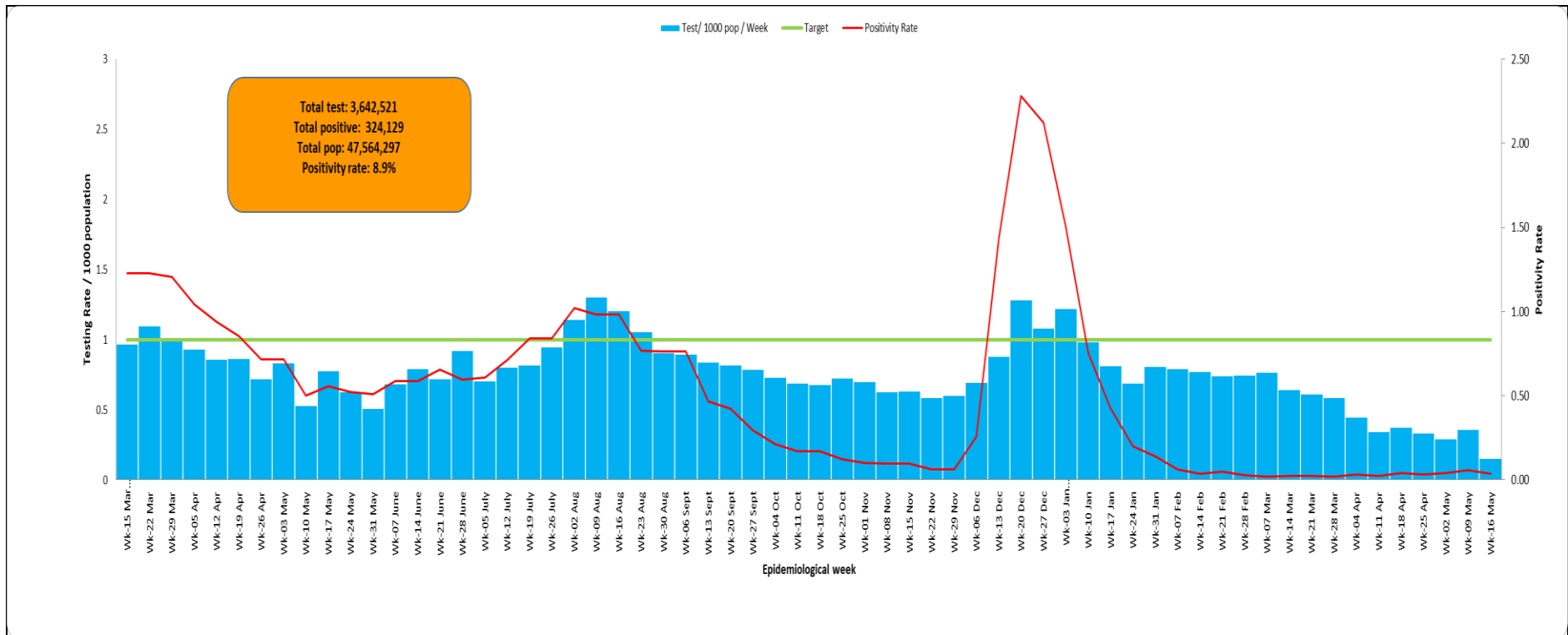


Figure 3: Laboratory Tests Conducted by Date Results were Shared

1.3 Age and Sex Distribution of COVID Confirmed Cases and Deaths

A total of **182,849 (56%)** of the cumulative cases are males and **141,280 (44%)** are females. Most cases, **83,735 (26%)** are in the age group of **30-39 years**. Of the **5649** cumulative deaths, **3,595 (64%)** are males and **2,054 (36%)** are females.

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

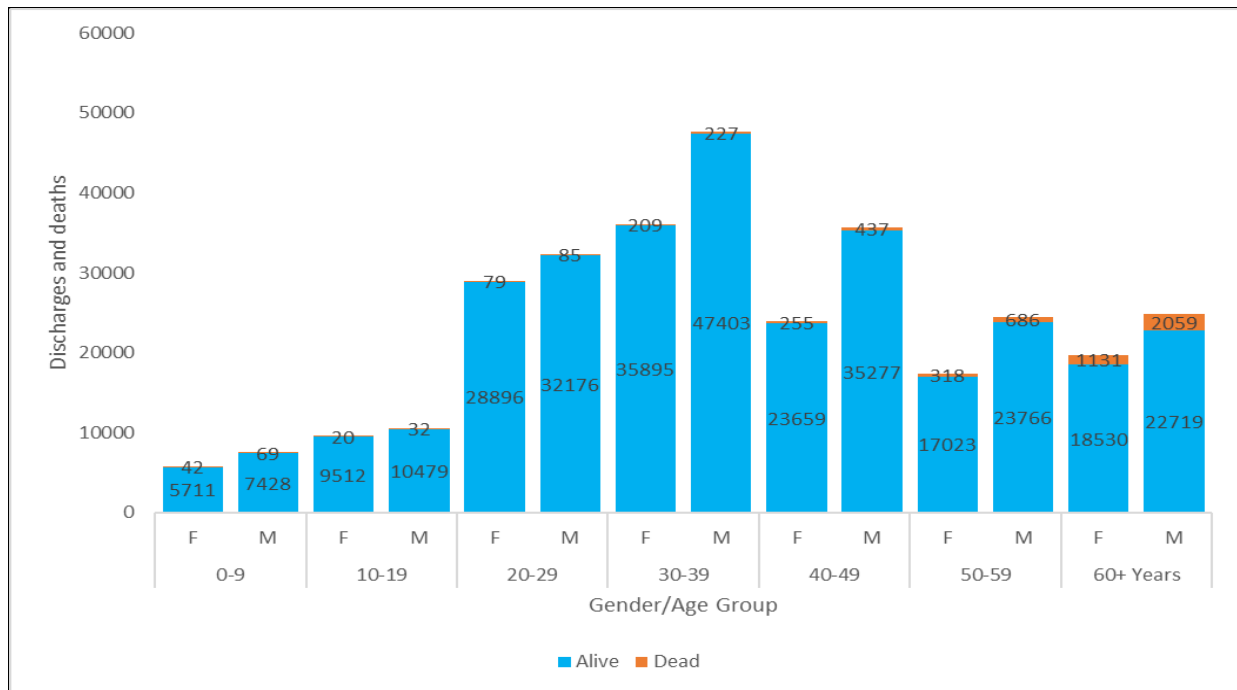


Figure 4: Age and Sex Distribution of COVID-19 Cases by the outcome in Kenya

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

Of the **324,129** cumulative cases, **131,552 (41%)** are from **Nairobi** County followed by **Kiambu** County with **20,201 (6%)**, 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	131552	2991.81	1552	1.18
Kiambu	2417735	20201	835.53	548	2.72
Mombasa	1208333	17948	1485.35	337	1.88
Nakuru	2162202	17070	789.47	532	3.12
Uasin Gishu	1163186	10570	908.71	241	2.29
Kisumu	1155574	7806	675.51	85	1.09

County	Population	Covid-19 Cases	Attack Rates	Deaths	CFR
Machakos	1421932	7621	535.96	194	2.55
Kajiado	1117840	7597	679.61	77	1.01
Kilifi	1453787	7003	481.71	35	0.50
Busia	893681	6540	731.80	53	0.81
Siaya	993183	6432	647.61	120	1.87
Nyeri	759164	5865	772.56	172	2.93
Kericho	901777	5773	640.18	68	1.18
Kitui	1136187	4896	430.91	111	2.27
Murang'a	1056640	4442	420.39	230	5.18
Kakamega	1867579	4201	224.94	119	2.83
Meru	1545714	4086	264.34	113	2.77
Kisii	1266860	3721	293.72	112	3.01
Migori	1116436	3352	300.24	62	1.85
Laikipia	518560	3221	621.14	26	0.81
Bungoma	1670570	3151	188.62	5	0.16
Makueni	987653	3076	311.45	101	3.28
Nyandarua	638289	2986	467.81	67	2.24
Turkana	841353	2671	288.14	24	0.90
Garissa	926976	2668	317.11	97	3.64
Embu	608599	2638	433.45	62	2.35
Trans Nzoia	990341	2367	239.01	9	0.38
Nandi	885711	2360	266.45	34	1.44
Kirinyaga	610411	2257	369.75	76	3.37
Homa Bay	1131950	2114	186.76	96	4.54
Nyamira	605576	2081	343.64	18	0.86
Taita Taveta	340671	2046	600.58	42	2.05
Baringo	666763	1682	252.26	14	0.83
Bomet	875689	1678	191.62	29	1.73
Narok	1157873	1371	118.41	24	1.75
Kwale	866820	1348	155.51	11	0.82
Tharaka Nithi	393177	1241	315.63	8	0.64
Vihiga	590013	1097	185.93	30	2.74
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	1.69
Elgeyo Marakwet	454480	532	117.06	10	1.88
Mandera	867457	447	51.53	36	8.18
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 19, Nairobi city County recorded the highest attack rate of 2.16 followed by Lamu County at 1.39 per 100,000 population (Figure 5).

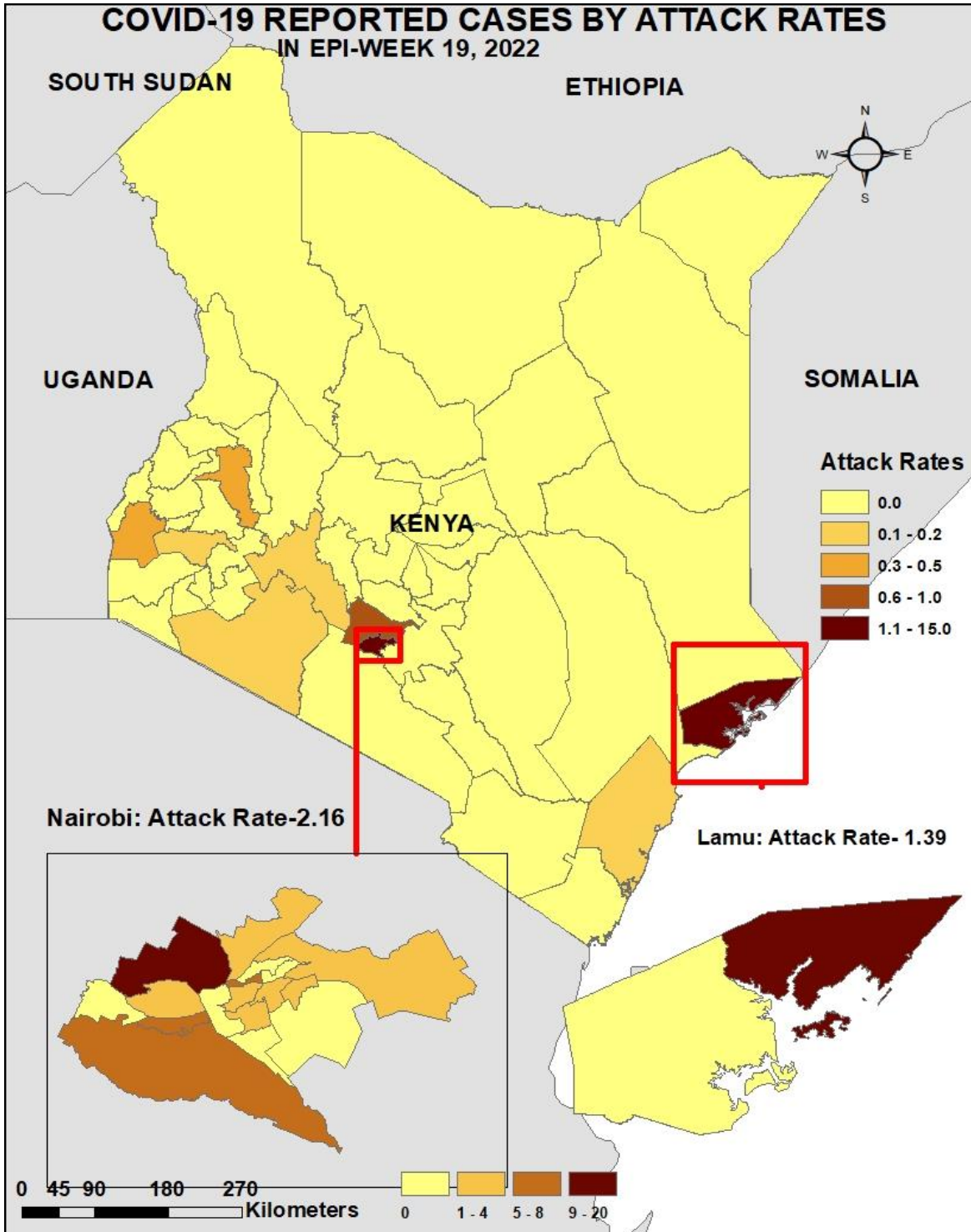


Figure 5: County Attack Rate per 100,000 Population

1.6 Map of Kenya showing COVID-19 caseload by County

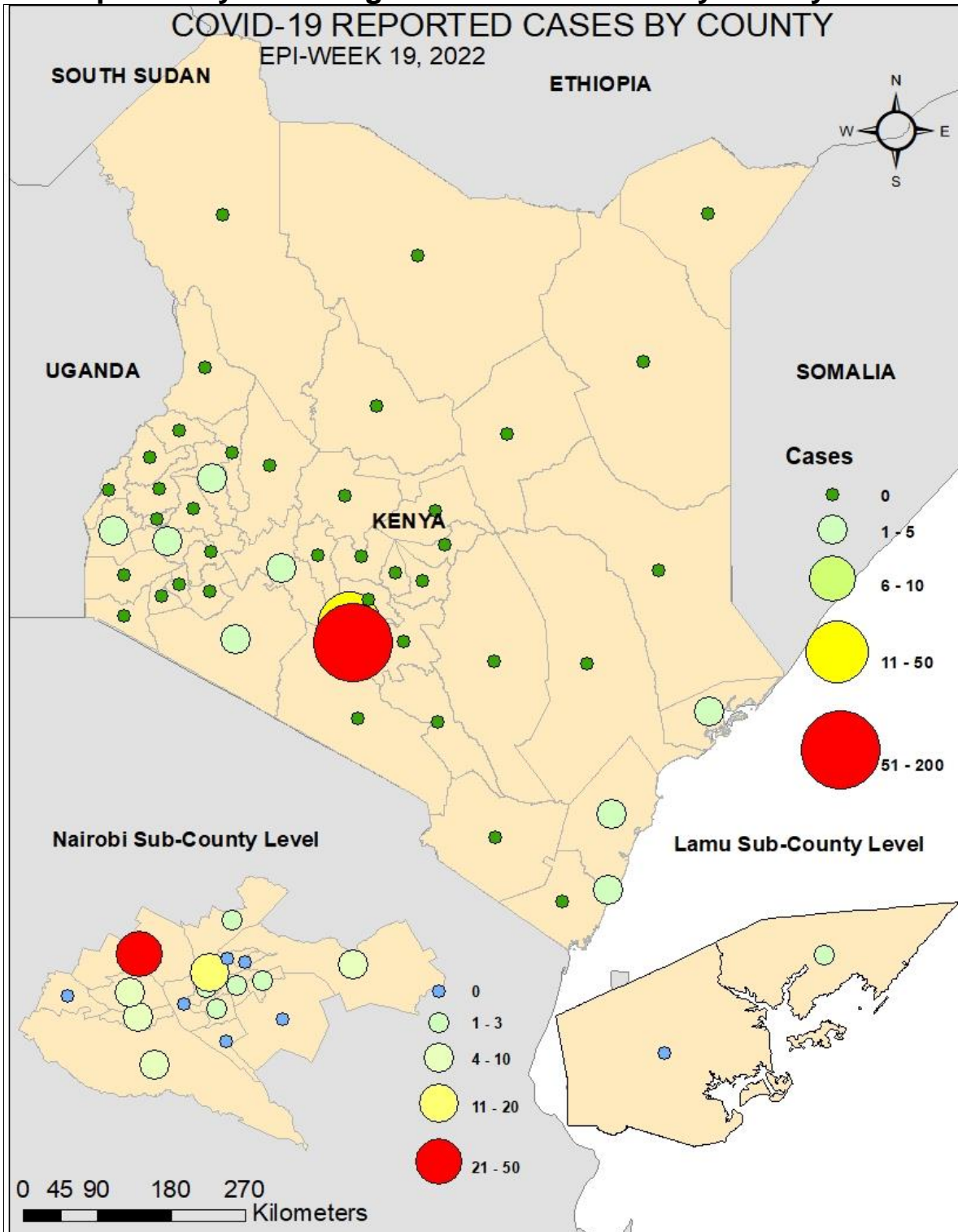


Figure 6 Case-loads by county

1.7 Kenya COVID-19 Vaccination Updates



Partially vaccinated: Adults- **2,525,992**
Fully Vaccinated: Adults- **8,367,384**
Booster Doses: - **317,017**



15 to <18 years- **825,899**
 15 to <18 years- **248,688**

The Kenya Ministry of Health launched the National COVID-19 vaccinations on the 5th March 2021. As of **18th May 2022**, a total of **2,525,992 persons** were vaccinated with the 1st dose, and **8,367,384 persons** were fully vaccinated.

Table 2: Vaccine Doses Dispensed as of 18th May 2022

Vaccine	Total doses Administered
Partially vaccinated adults	2,525,992
Fully vaccinated adults	8,367,384
Booster doses	317,017
Total doses (All Vaccines + Sputnik)	18,044,932
Partially Vaccinated 15- below 18 years	825,899
Fully Vaccinated 15- below 18 years	248,688
% of adults fully vaccinated	30.7%

The highest proportion of the population fully vaccinated is in Nyeri County at 52.8% and the least is Marsabit County at (9.7%) (Table 3).

Table 3: Proportion of fully Vaccinated by County, 17th May 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	269,350	510,028	52.8%	Kericho	143,615	508,980	28.2%
Nairobi	1,480,855	3,052,494	48.5%	Kajiado	186,549	663,201	28.1%
Kakamega	386,482	982,838	39.3%	Makueni	161,181	584,379	27.6%
Nakuru	483,477	1,273,265	38.0%	Meru	253,019	949,186	26.7%
Laikipia	115,357	306,448	37.6%	Homa Bay	160,926	608,326	26.5%
Kirinyaga	155,237	413,708	37.5%	Nandi	124,797	492,652	25.3%
Taita Taveta	79,939	213,335	37.5%	Elgeyo Marakwet	59,983	243,690	24.6%
Kisumu	234,656	656,147	35.8%	Baringo	73,969	338,937	21.8%
Kiambu	576,017	1,623,545	35.5%	Lamu	16,835	83,433	20.2%
Siaya	184,652	536,031	34.4%	Samburu	25,137	145,608	17.3%
Vihiga	112,893	329,317	34.3%	Kitui	105,721	624,506	16.9%
Machakos	304,763	905,172	33.7%	Turkana	78,945	468,878	16.8%
Uasin Gishu	224,094	693,570	32.3%	Kwale	73,087	451,261	16.2%
Muranga	212,574	675,364	31.5%	Bomet	75,227	465,963	16.1%
Trans Nzoia	162,292	518,077	31.3%	Narok	83,030	548,229	15.1%
Embu	122,223	395,980	30.9%	Kilifi	117,960	784,567	15.0%
Tharaka Nithi	75,922	246,699	30.8%	West Pokot	41,181	283,727	14.5%
Mombasa	246,544	804,202	30.7%	Garissa	51,757	399,358	13.0%
Bungoma	257,502	843,735	30.5%	Isiolo	17,280	133,358	13.0%
Nyamira	104,127	341,397	30.5%	Wajir	37,040	337,296	11.0%
Nyandarua	114,263	376,776	30.3%	Tana River	16,099	151,051	10.7%
Migori	167,235	557,657	30.0%	Mandera	35,285	341,857	10.3%
Kisii	203,992	697,445	29.2%	Marsabit	21,328	219,170	9.7%
Busia	132,987	465,190	28.6%	Total	8,367,384	27,246,033	30.7%

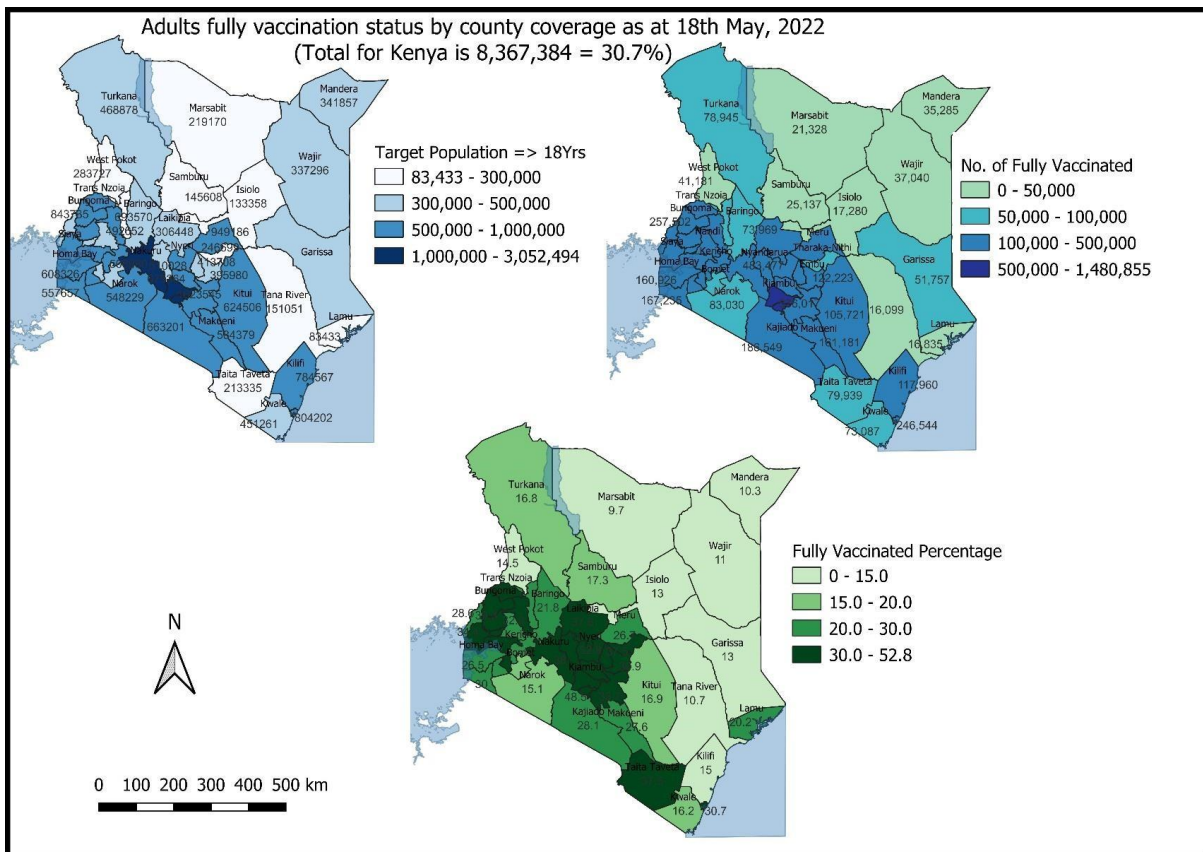


Figure 7: Adult full vaccination coverage by county

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 case is currently admitted in the intensive care unit in 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