



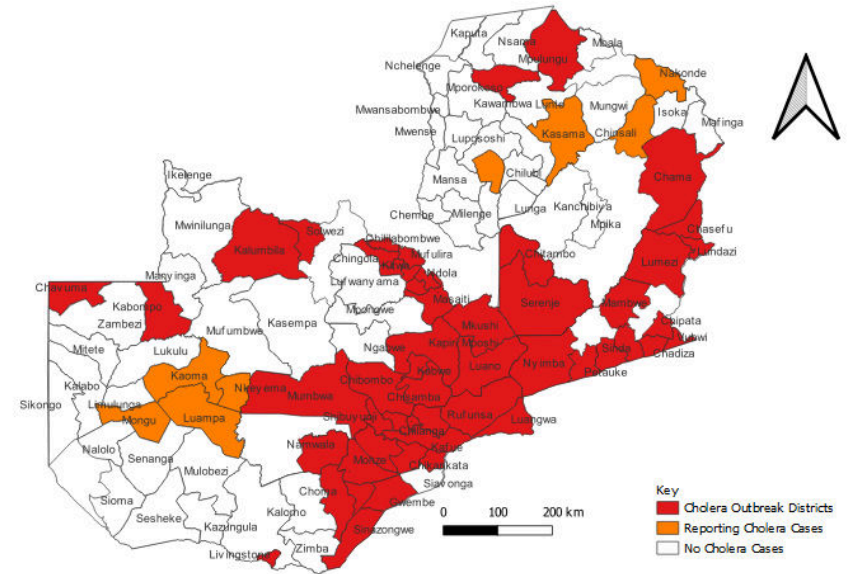
Zambia Cholera Situation Report



Sitrep No. 25

- Cases and Deaths as of: 25/01/2024
- No. of Provinces Reporting Cholera Cases: 10
- Total No. of Districts Reporting Cholera Cases: 64
- No. of Districts with Outbreaks: 55
 - Last 24 hours New Cases: 397
 - New Deaths: 11
 - In admission: 691
 - Discharged: 404
- Cumulative Cases: 14,510
- Cumulative Deaths: 545 (CFR: 3.8%)
- **A total of 1,808,883 (96%) of the target population have been vaccinated against cholera.**
 - *Outbreak Districts = Evidence of local transmission.
 - **Total No. of Districts Reporting Cholera Cases: All districts reporting cases with travel history and outbreak districts.

Cholera Situation, Zambia, 2024



Epidemiology Overview

Background: The current cholera outbreak started with Lusaka Province confirming cases in the cholera-prone areas (peri-urban). Eastern Province followed and cases were linked to Malawi and Mozambique. Then Northern, Central, Southern, Copperbelt and N-Western Provinces.

From October 2023 to date, nine provinces have reported cases of cholera with seven provinces confirming cholera outbreaks (Local transmission). A total of 55 districts have confirmed local transmission of cholera.

Cumulative cases stand at 14,510 with 545 deaths (CFR: 3.8%).

Muchinga, Western and Luapula Provinces have recorded imported cases and have heightened surveillance.

In the last 24 hours 397 cases. A total of 11 deaths were recorded in Chawama, Chelstone, Kanyama, Heroes CTC, LMUTH, Chilanga, Kabwe, Chipata and Solwezi. 691 cases are in admission with 404 discharged across all CTCs.

Summary of Cholera Cases by Province in Lusaka, Eastern, Central, Northern, Southern, Copperbelt, N-Western, Western, Muchinga and Luapula Provinces.

Province	No. of Districts Reporting	Population	Date of Reporting Index Case	Last 24 hours				Cumulatively				
				New Cases	New Deaths	Discharges	In Adm	Cholera Cases	Cum. Discharges	Deaths	CFR (%)	AR /100,000
Lusaka	6	3175740	14/10/2023	314	8	345	518	12,964	11,952	494	3.8	408.2
Eastern	14	2532849	10/12/2023	22	1	8	25	141	114	2	1.4	5.6
Northern	3	1671608	11/12/2023	0	0	0	0	23	23	0	0.0	1.4
Central	10	2359786	16/12/2023	27	1	26	55	760	681	24	3.2	32.2
Southern	11	2464332	26/12/2023	16	0	6	56	266	201	9	3.4	10.8
Copperbelt	8	2874705	27/12/2023	15	0	15	19	180	155	6	3.3	6.3
N-Western	4	1335306	27/12/2023	2	1	3	13	139	117	9	6.5	10.4
Western	4	1,412,905	04/01/2024	1	0	1	5	31	25	1	3.2	2.2
Muchinga	3	951,291	05/01/2024	0	0	0	0	5	5	0	0.0	0.5
Luapula	1	1,568,984	22/01/2024	0	0	0	0	1	0	0	0.0	0.1
GRAND TOTAL	64	20309547		397	11	404	691	14510	13273	545	3.8	71.4

Laboratory Results

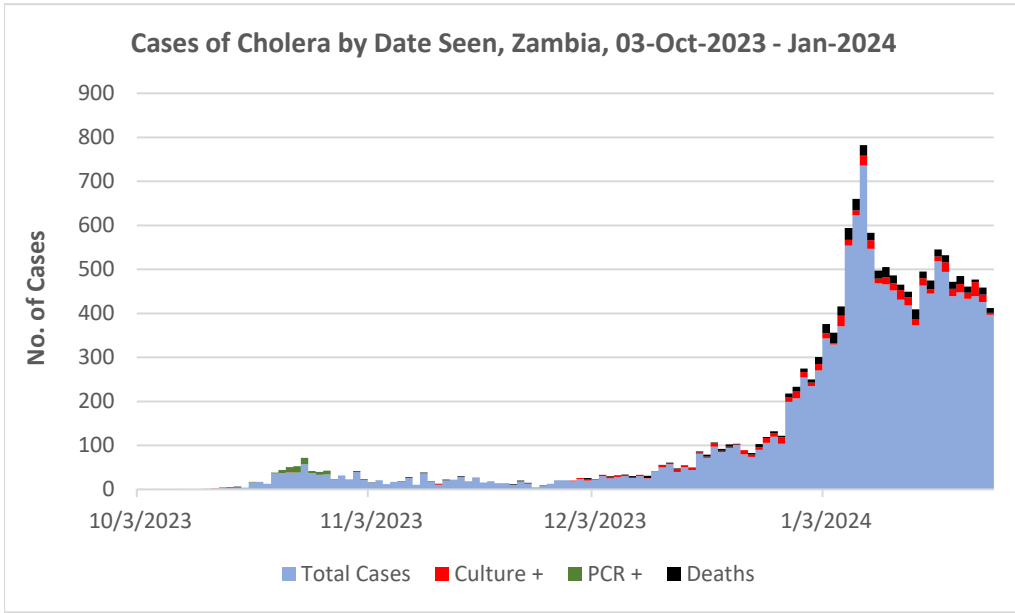
Laboratory Results		
Province	Culture-Positive	PCR-Positive
Lusaka	334	153
Eastern	53	0
Central	27	0
Northern	3	0
Southern	39	0
Copperbelt	22	0
N-Western	62	0
Western	18	0
Muchinga	3	0
Luapula	1	0
Total	562	153

Distribution of Cases by Age Band – National Picture as at 9th Jan, 2024.

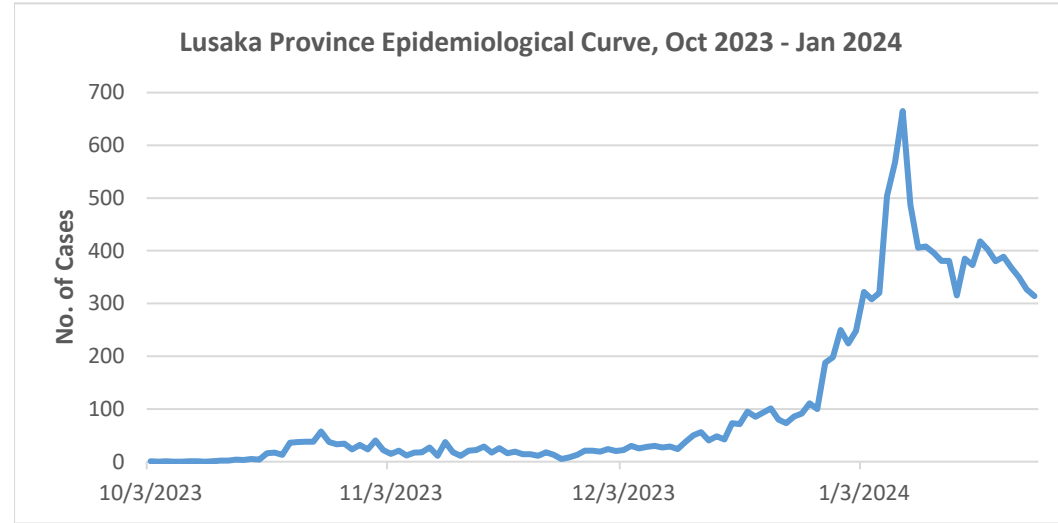
Indicator	Number of Cases (%)
Under 1 year	553 (7.6%)
1-4 years	1769 (24%)
5-10 years	818 (11.1%)
11-15 years	383 (5.2%)
Above 15 years	3819 (51.8%)
National Picture	7343

1Disclaimer - the reported cases by age band presented herein reflect the current trends and data available at the time of reporting. Its important to recognize that these trends are subject to change and can fluctuate daily based on number of new cases

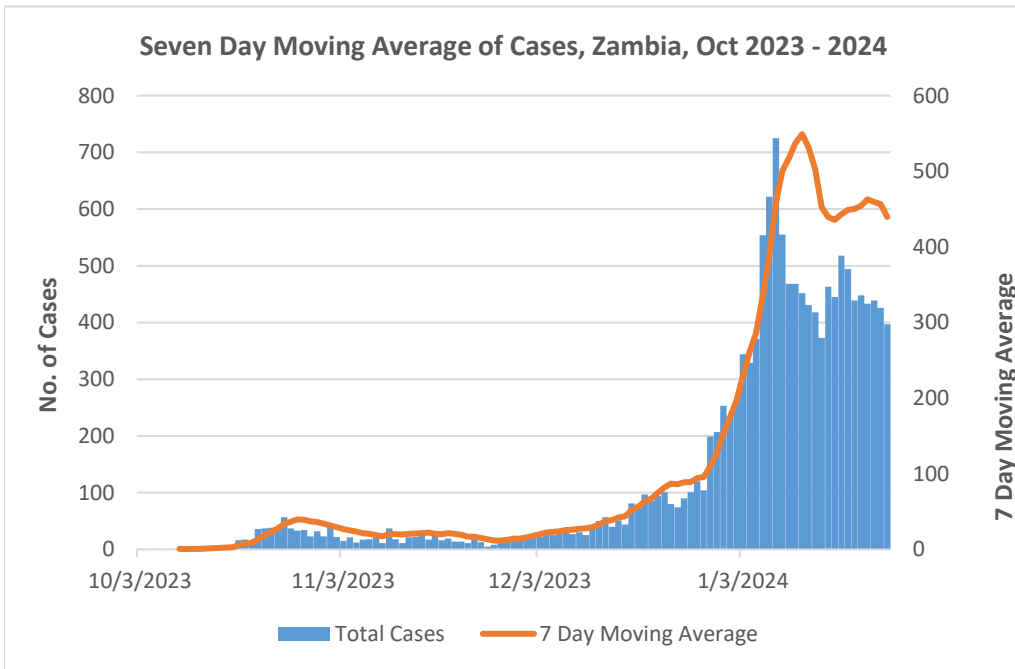
National Epidemiological Curve



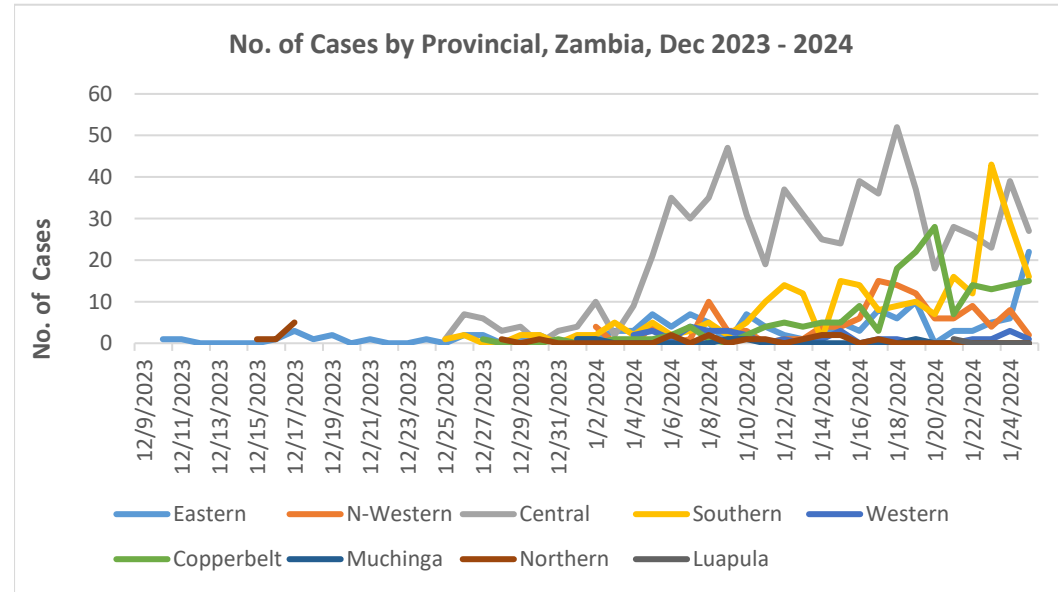
Lusaka Province Epidemiological Curve



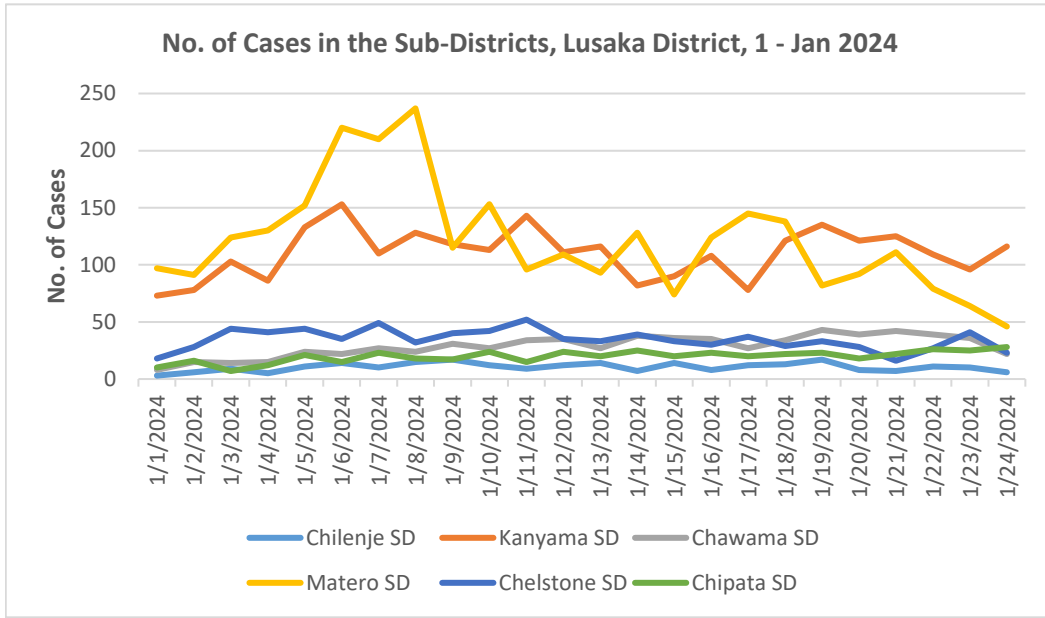
The seven-day moving average is still high.



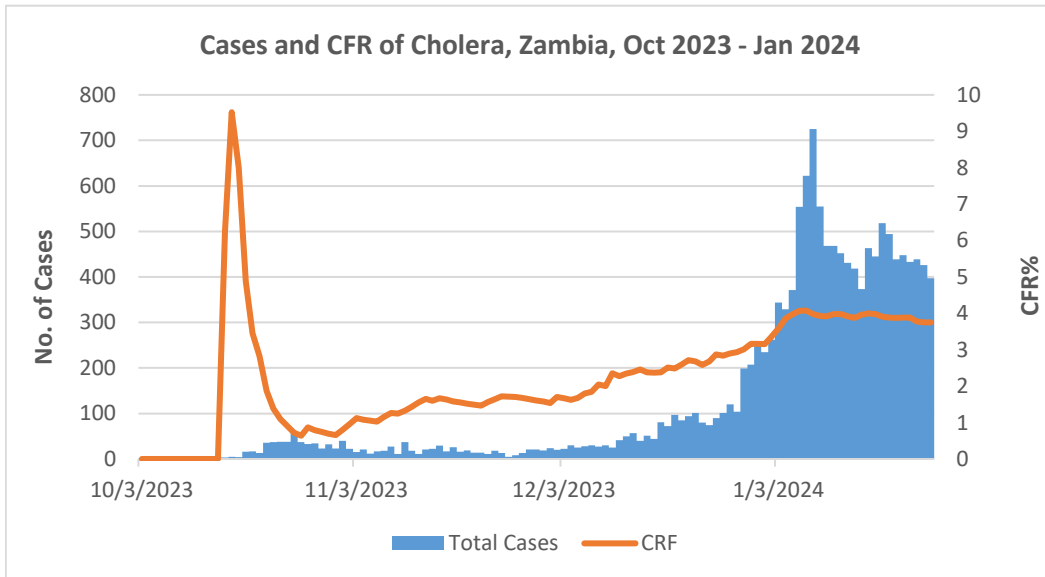
Other Province



Matero Sub-district has recorded a significant decline in cases.



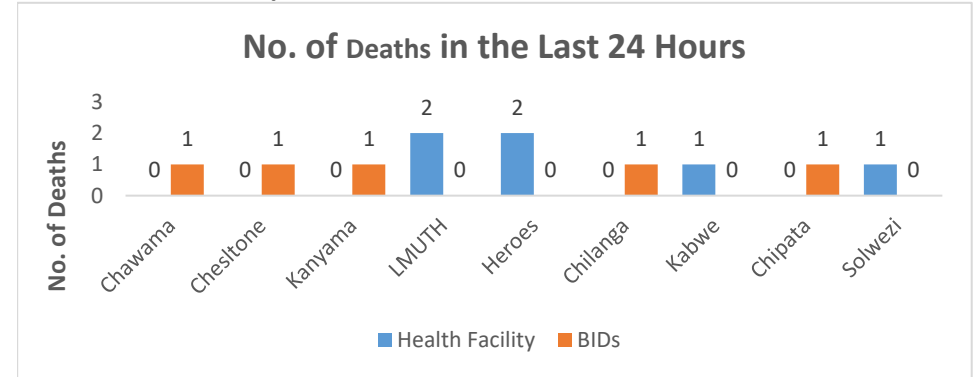
The case fatality rate is still high.



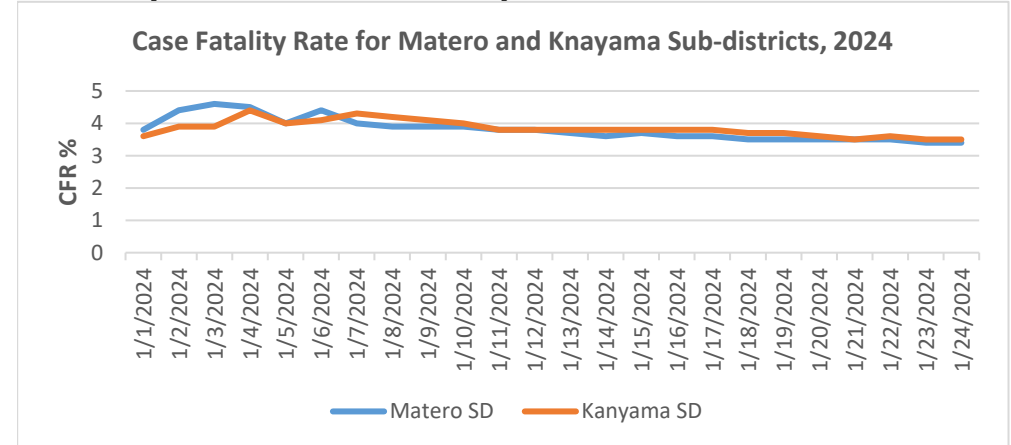
There are 57.8% (288) Brought in Dead. There is 1.6% CFR for cases who die in health facilities.

Province	Deaths in the Last 24 Hours			Cumulative Deaths		
	Facility Deaths	BID	Total	Facility Deaths	BID	Total
Lusaka	4	4	8	210	284	494
Southern	0	0	0	2	7	9
N-Western	1	0	1	3	6	9
Western	0	0	0	0	1	1
Eastern	0	1	1	0	2	2
Copperbelt	0	0	0	0	6	6
Central	1	0	1	8	16	24
Total	6	5	11	223	322	545

Number of deaths reported last 24 hours.



Case fatality rate for Matero SD and Kanyama SD are above 3%.



Key Priority Activities

Coordination Pillar

1. The National Coordinator of the Disaster Management and Mitigation Unit hosts a weekly meeting of the National Disaster Management Technical Committee Meeting to coordinate water, sanitation and resources being channeled to the response. Senior members of staff representing the different stakeholders including the line ministries, co-operating partners, Lusaka Water and Sewerage Company (LWSC), Lusaka City Council (LCC), Disaster Management and Mitigation Unit (DMMU), Defense Forces, as well as WASH and health promotion teams attend.
2. The Honorable Minister of Health, Ms. Sylvia T. Masebo MP, hosts a daily media briefing to update the public on the statistics and the current status of the cholera response activity
3. The Government of Zambia continues to draw resources from its treasury to support the response, including the provision of clean and safe water, waste management, health promotion and clinical management.
4. Heroes CTC opened and currently has a bed capacity of 1000 patients plus 200 beds at LMUTH
5. His Excellency the Republican President Mr. Hakainde Hichilema visited the cholera treatment centre at Hero's Stadium on 10th January 2023
6. The Honorable Minister of Health, through the provisions of the laws of Zambia, invoked the Public Health Act, (Laws, Volume 17, Cap. 295), the Public Health (Infected Areas) (Cholera) Regulations, 2017 and issued Statutory Instrument No. 5 of 2024 to facilitate the implementation of an enhanced approach to mitigate the current cholera outbreak.
7. WHO coordinating the International EMTS now in country to support the response from various agencies such as UKHSA, MSF, CDC, WHO and Africa CDC

WASH

1. Enhanced water, sanitation, and hygiene interventions including chlorine distribution, and water quality monitoring, disinfection, and inspections.
2. As at 24/01/2024, total of 235 water tanks have been installed and supplied with water in Lusaka although faced by vandalism and thefts.
3. 1000/20000 pit latrines have been emptied across the city. Challenges include that some places are inaccessible by the vacuum tanks
4. Integrated solid waste company has done 52 loads out of 2000 for the removal of historical solid waste
5. Identification and super chlorination of shallow wells- 360.

RCCE

1. Training of the 2500 CBVs in Lusaka District, 800 in Chilanga, 800 in Chongwe, 800 in Luangwa and 800 in Kafue Districts, total of 5700 CBVs is scheduled from 8th to 9th January 2024
2. Enhanced Risk communication and community engagement activities (door-to-door sensitization, radio shows, TV updates and interviews etc.)

Surveillance

1. Heightened Surveillance in all provinces to enhance early detection and response to cases.

Case Management

1. Abridged guidelines have been completed and to be shared
ORP assessment underway for Lusaka with objective of ensuring provision of at least Plan A patients

Operational Response Gaps

1. Rapid escalation of cases is a strain on the health care provision for other essential services
2. Poor health-seeking behaviours of men in the communities with low risk perception hence continued recording of community deaths
3. Transmission of cases outside of Lusaka causing exacerbation of the outbreak
4. Poor sanitation coverage in the affected areas, worsened by inaccessible roads and flooding in at-risk areas which has hampered patient transfer to the ORPs and also emptying of pit latrines by LSWC
5. Steady increase in COVID-19 cases

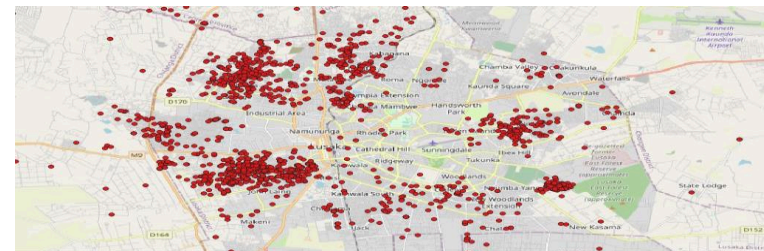
Recommendations

1. Need for additional human resources and commodities at Hero's Stadium and other CTCs in the subdistricts to ensure that essential health services are not disrupted
2. Scale up the provision of safe "chlorinated" water in the affected communities, with ongoing water quality monitoring for free residual chlorine
3. Prepositioning of commodities to other provinces with prior risk assessments being done to ensure outbreaks in those areas can be mitigated using a CATI approach
4. Enhance community engagement to increase awareness of the outbreak and protective factors for cholera tailored to the affected communities

WASH Challenges



Distribution of Cases in Lusaka District

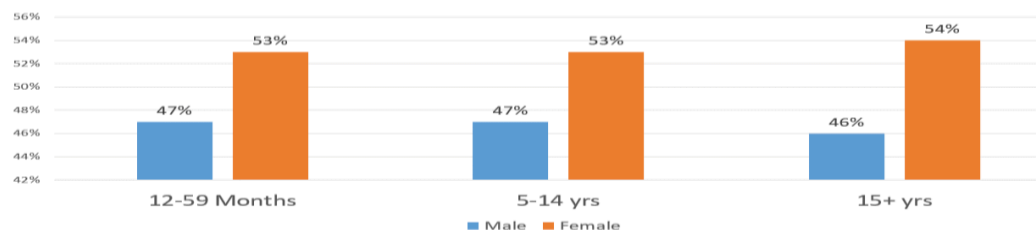


Oral Cholera Vaccination Report

A total of 1,808,883 (96%) of the target have been vaccinated. 3 community cholera cases referred to CTCs.

District/Sub-	Eligible Population	Target in Hot spots	Number Vaccinated		Coverage (%)
			Day 10 (Last 24hrs) 25.1.24	Total Vaxed	
Chawama	440,881	440,881	0	395,774	90%
Chipata	458,467	458,467	11,830	457,210	100%
Kanyama	510,125	376,329	13,452	388,128	103.1%
Matero	494,881	313,467		312,883	100%
Rufunsa	81,600	40,000	0	39,825	99.6%
Chongwe	324,963	122,963	24552	97,749	79%
Chilanga	232,503	100,000	7512	93,615	94%
Luangwa	36,005	36,005	3807	23,699	66%
Total	2,579,425	1,888,112	61,153	1,808,883	96%

Age Sex Distribution



Healthcare workers

S/n	CTC	Vaccinated in last 24hrs	Total Vaccinated
1	Heroes Stadium	0	2244
2	Levy Hospital	14	268
3	Lusaka Province CTCs	169	1027
	Total	183	3356

OCV in Correctional Facilities

S/n	Facility	Officers Vaccinated	In-mates Vaccinated		Total Vaccinated
			Male	Female	
1	Chainama CSC	0	108	61	169
2	Central Prisons	15	1022	220	1242
3	Kamwala Remand	3	108	0	108
4	Mwembeshi Prisons	72	1939	0	1939
5	Rufunsa	1	85	0	85
	Total	91	3262	281	3634

Community Case Management

Oral Rehydration Points Performance in Lusaka District

As of 24/01/2024, a total of 124,479 have visited the ORPs, 110,111 have been given ORS and 1,250 referred to health facilities.

Sub-District	No Of ORP Sites	People Visited ORPs	People Given ORPs	Referred To Hf	People Visited ORPs	People Given ORS	Referred To Hf
CHELSTONE	21	355	122	2	7765	2419	24
MATERO	27	579	766	12	19642	17,388	669
CHIPATA	26	1,399	1,399	6	34,142	34,142	164
CHAWAMA	33	1581	1120	2	27522	21259	257
CHILENJE	15	460	389	0	7737	7232	0
KANYAMA	27	1,808	1,808	5	27,671	27,671	136
District	149	6182	5604	27	124479	110111	1250

School Assessments by Province as of 23/01/2024

Province	Target	Total cumulative inspected	Total cumulative compliant	Last 24 hrs. total inspected	Last 24 hours total complying	% Complying last 24hrs
Western	1328	837	599	41	37	90
Northern	1074	699	508	99	79	79
Eastern	1633	1483	1194	432	366	85
Luapula	825	825	698	0	0	0
Muchinga	729	565	417	38	27	86
Lusaka	2230	759	623	225	148	66
Central	1272	762	667	157	137	87
Southern	1332	424	302	61	48	79
Copperbelt	1425	543	490	46	38	83
N/Western	1252	799	580	105	87	83
National	13100	7696(58%)	6078(79%)	1204	967	80

Water Quality Monitoring

During monitoring, as of 20/01/2024, 2/11 met >1mg/l.

Type of Source	Water Samples Collected	Water Samples >1mg/l (%)
Water Tank	11	2 (100%)