



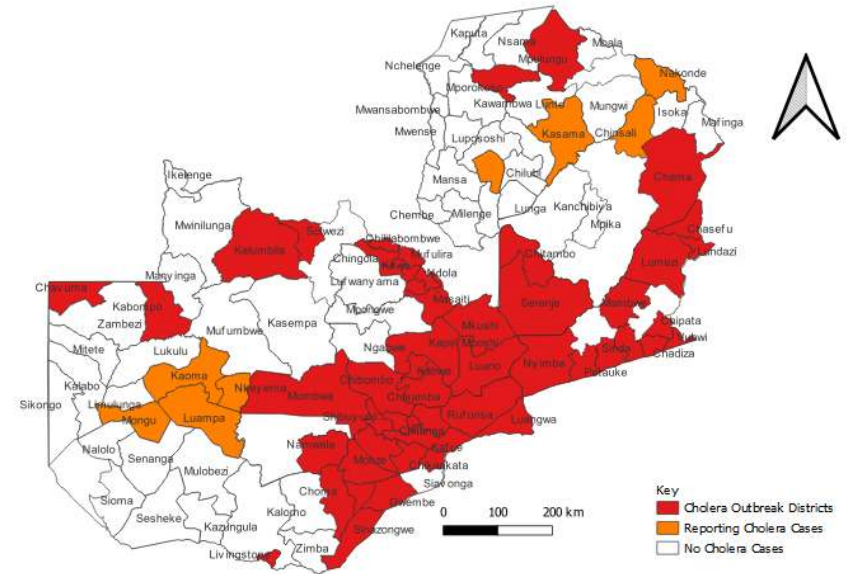
# Zambia Cholera Situation Report



## Sitrep No. 26

- **Cases and Deaths as of: 26/01/2024**
- **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: 390
  - New Deaths: 15
  - In admission: 633
  - Discharged: 476
- **Cumulative Cases: 14,900**
- **Cumulative Deaths: 560 (CFR: 3.8%)**
- **A total of 1,835,007 (97%) 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 14,900 with 560 deaths (CFR: 3.8%).

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

In the last 24 hours 390 cases. A total of 15 deaths were recorded in Kanyama, Matero, Heroes CTC, LMUTH, Ndola, Kabwe, Chibombo and Solwezi. 633 cases are in admission with 476 discharged across all CTCs.

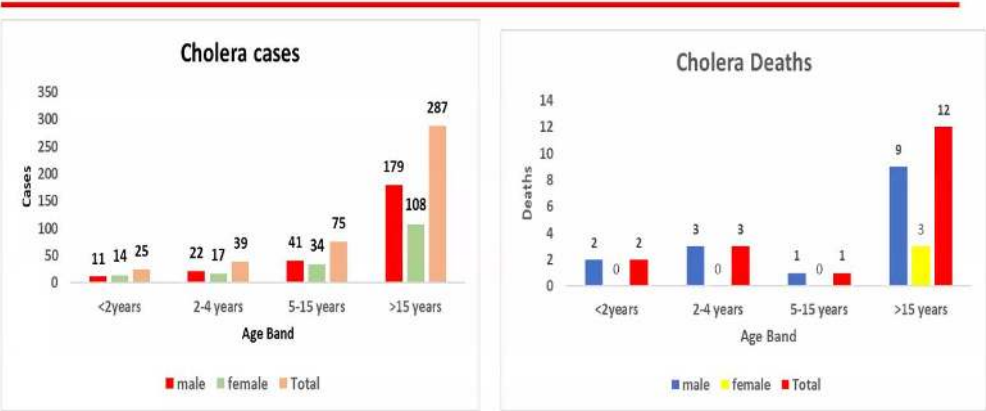
**Summary of Cholera Cases by Province, Zambia, Oct 2023 – Jan 2024.**

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	288	11	384	453	13,252	12,294	505	3.8	417.3
Eastern	14	2532849	10/12/2023	10	0	6	28	151	121	2	1.3	6.0
Northern	3	1671608	11/12/2023	0	0	0	0	23	23	0	0.0	1.4
Central	10	2359786	16/12/2023	37	2	27	65	797	706	26	3.3	33.8
Southern	11	2464332	26/12/2023	19	0	34	41	285	235	9	3.2	11.6
Copperbelt	8	2874705	27/12/2023	28	1	16	30	208	171	7	3.4	7.2
N-Western	4	1335306	27/12/2023	8	1	7	13	147	124	10	6.8	11.0
Western	4	1,412,905	04/01/2024	0	0	2	3	31	27	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	1	0	0.0	0.1
<b>GRAND TOTAL</b>	<b>64</b>	<b>20309547</b>		<b>390</b>	<b>15</b>	<b>476</b>	<b>633</b>	<b>14900</b>	<b>13707</b>	<b>560</b>	<b>3.8</b>	<b>73.4</b>

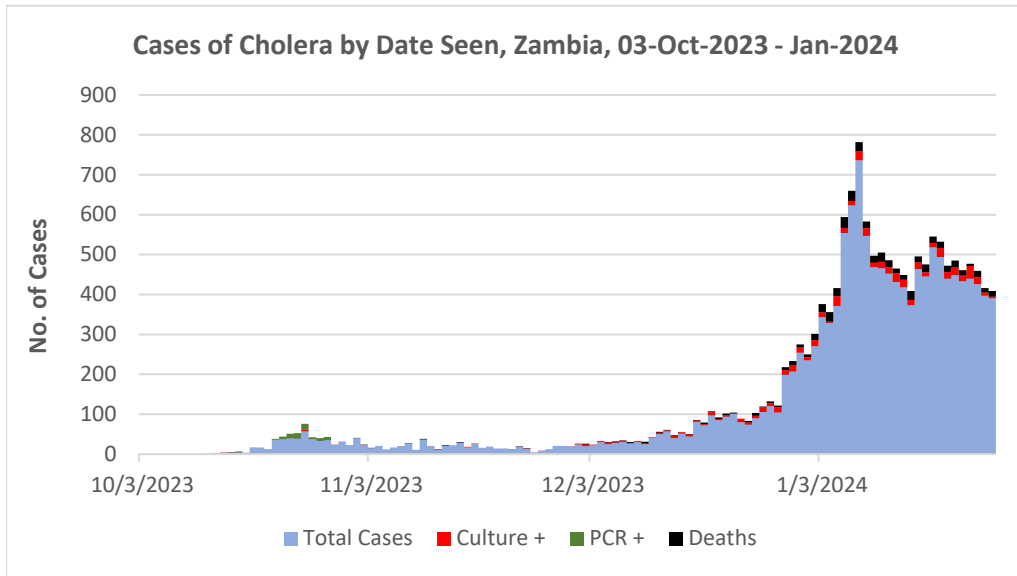
**Laboratory Results**

Laboratory Results		
Province	Culture-Positive	PCR-Positive
Lusaka	384	153
Eastern	53	0
Central	28	0
Northern	3	0
Southern	39	0
Copperbelt	22	0
N-Western	65	0
Western	18	0
Muchinga	3	0
Luapula	1	0
<b>Total</b>	<b>616</b>	<b>153</b>

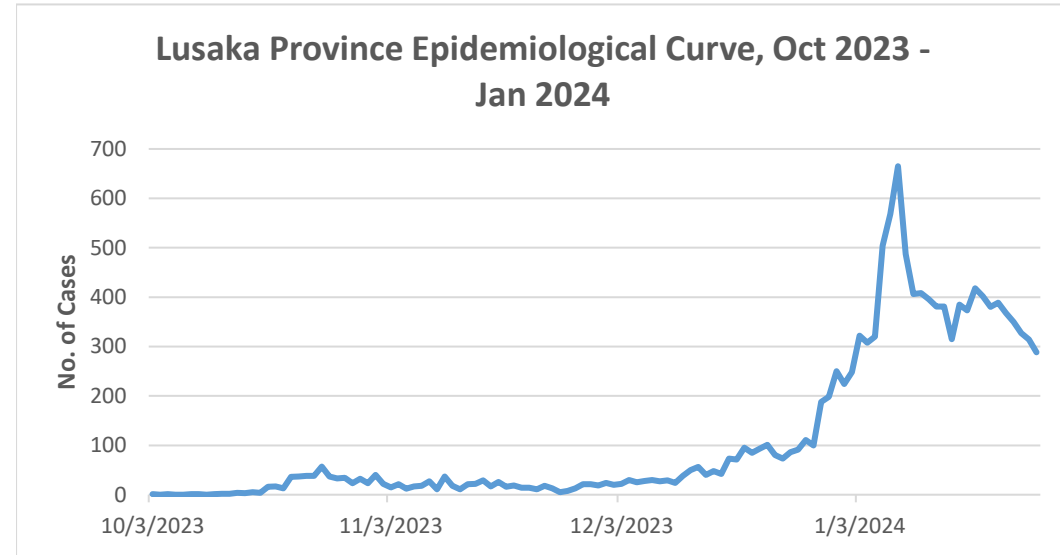
**NEW CHOLERA CASES & DEATHS: BY AGE &SEX CHARACTERIZATION**



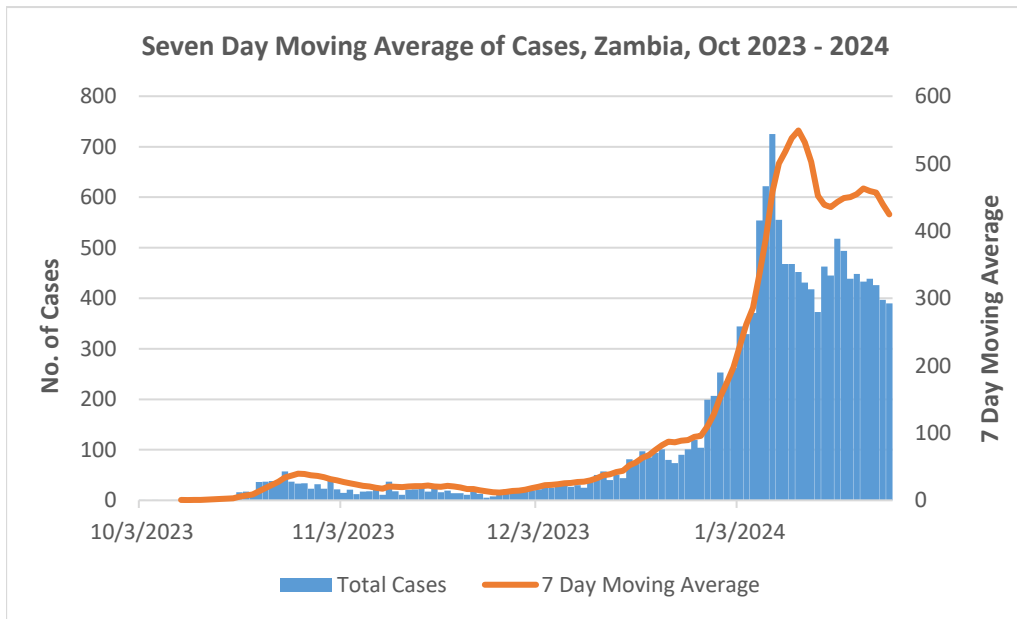
### National Epidemiological Curve



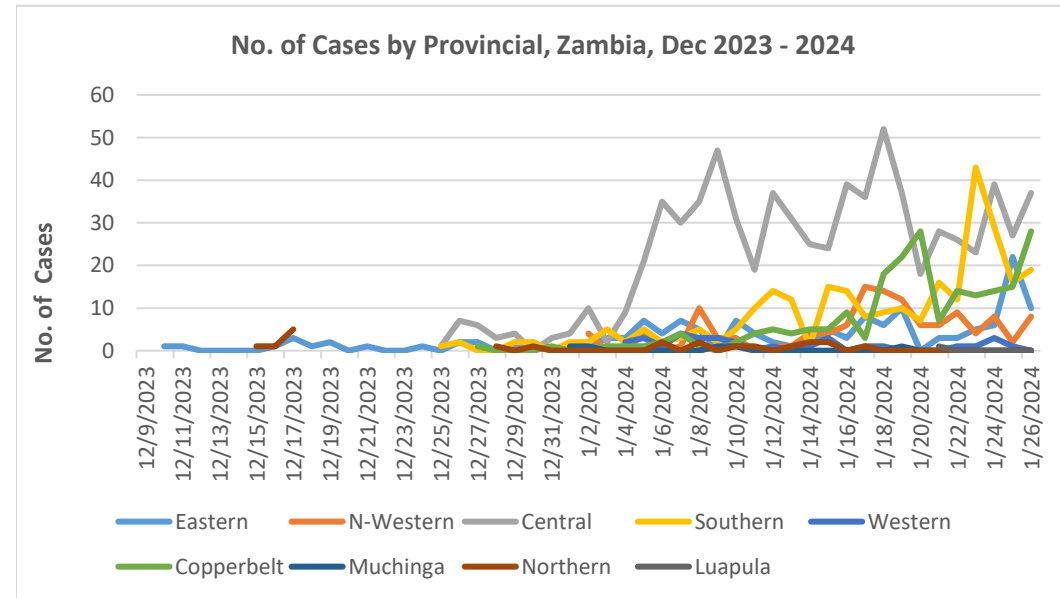
### Lusaka Province Epidemiological Curve



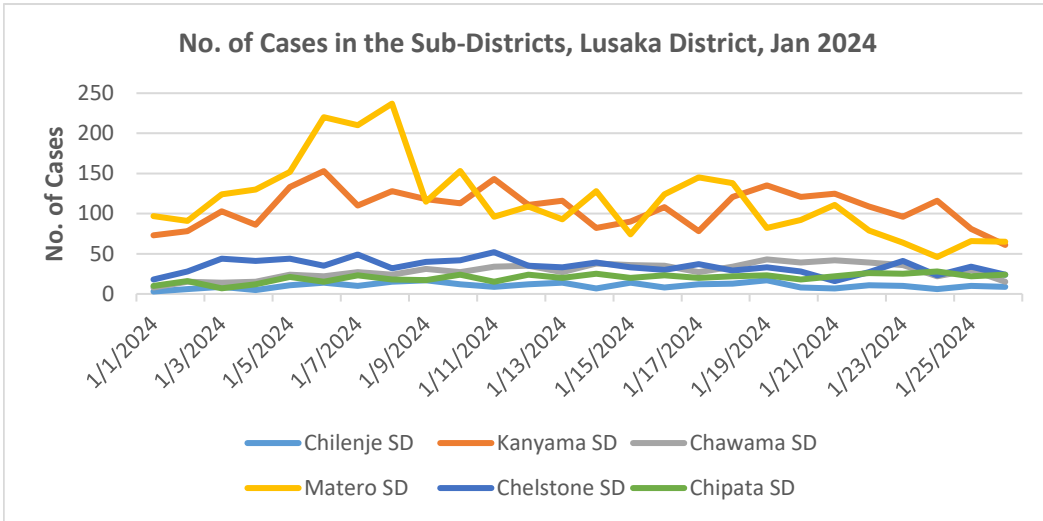
The seven-day moving average is still high.



### Other Province



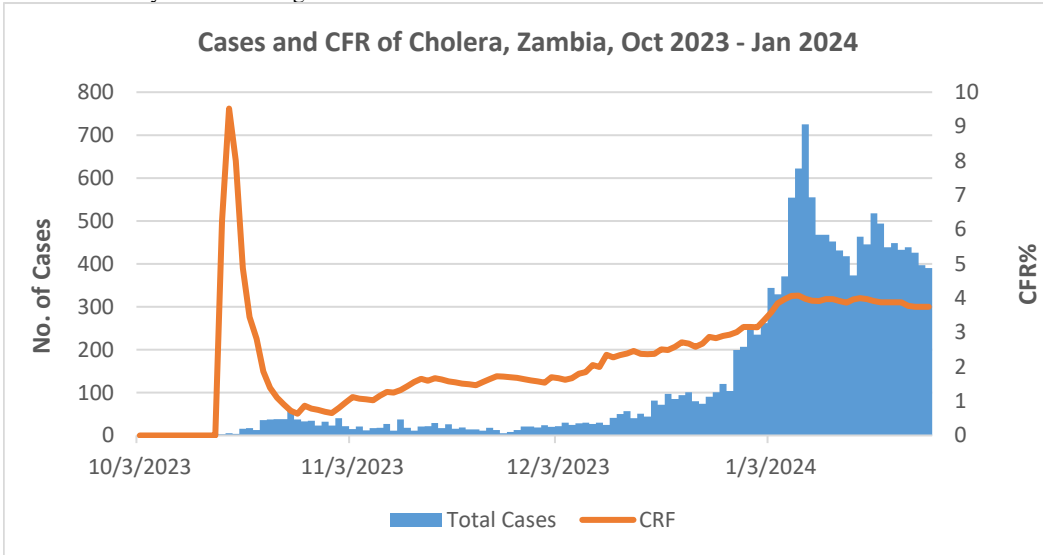
Matero Sub-district has recorded a significant decline in cases.



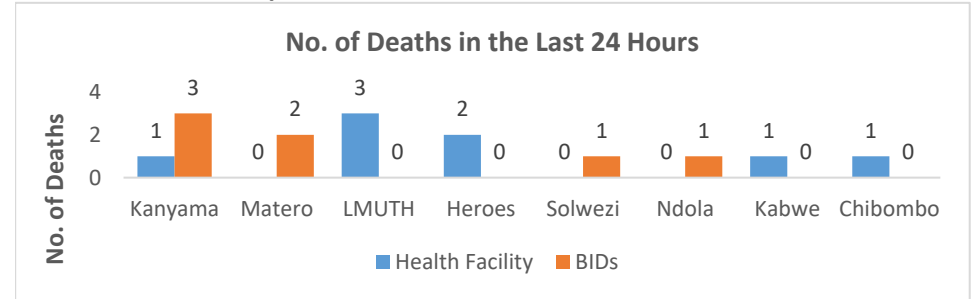
There are more Brought in Dead (BIDs). There is 1.6% CFR for cases who die in health facilities.

Province	Deaths in the Last 24 Hours			Cumulative Deaths		
	Facility Deaths	BID	Total	Facility Deaths	BID	Total
Lusaka	6	5	11	216	289	505
Southern	0	0	0	2	7	9
N-Western	0	1	1	3	7	10
Western	0	0	0	0	1	1
Eastern	0	0	0	0	2	2
Copperbelt	0	1	1	0	7	7
Central	2	0	2	10	16	26
<b>Total</b>	<b>8</b>	<b>7</b>	<b>15</b>	<b>231</b>	<b>329</b>	<b>560</b>

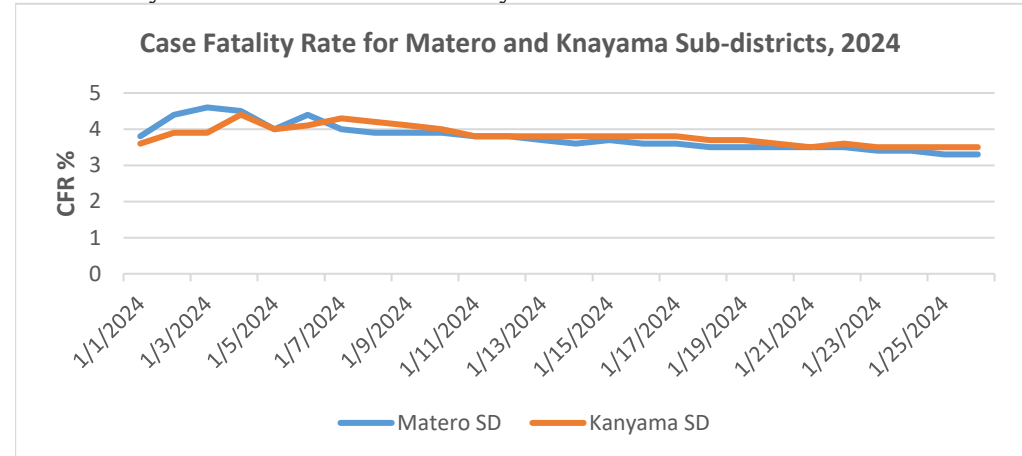
The case fatality rate is still high.



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 10<sup>th</sup> 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 14/01/2024, 175/300 water tanks have been installed and supplied with water in Lusaka.
3. 305/20000 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.
2. 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

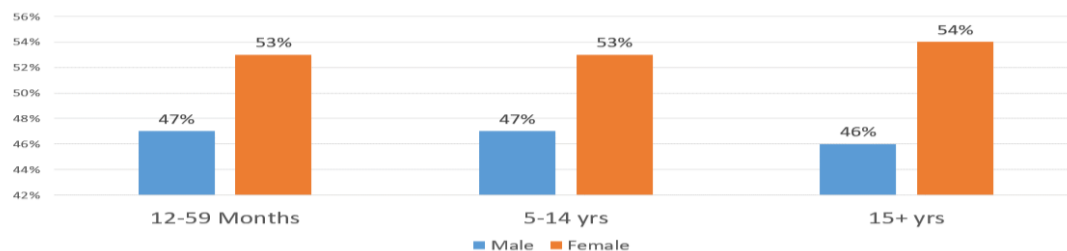


## Oral Cholera Vaccination Report

A total of 1,835,007 (97%) of the target have been vaccinated. 15 community cholera cases referred to CTCs.

District/Sub-	Eligible Population	Target in Hot spots	Number Vaccinated		Coverage (%)
			Day 11 (Last 24hrs) 26.1.24	Total Vaxed	
Chawama	440,881	440,881		382,361	87%
Chipata	458,467	458,467		457,210	100%
Kanyama	510,125	376,329	602	388,730	103.3%
Matero	494,881	313,467		313,320	100%
Rufunsa	81,600	40,000	174	39,999	100%
Chongwe	324,963	122,963	22,817	120,572	98%
Chilanga	232,503	100,000	10,924	105,631	106%
Luangwa	36,005	36,005	2,995	27,184	76%
<b>Total</b>	<b>2,579,425</b>	<b>1,888,112</b>	<b>37,512</b>	<b>1,835,007</b>	<b>97%</b>

## Age Sex Distribution



## Healthcare workers

S/n	CTC	Vaccinated in last 24hrs	Total Vaccinated
1	Heroes Stadium	55	2323
2	Levy Hospital	0	268
3	Lusaka Province CTCs	69	1096
	<b>Total</b>	<b>1124</b>	<b>3687</b>

## 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
	<b>Total</b>	<b>91</b>	<b>3262</b>	<b>281</b>	<b>3634</b>

## Community Case Management

### Oral Rehydration Points Performance in Lusaka District

A total of 138,914 have visited the ORPs, 122,590 have been given ORS and 1,339 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	20	263	145	1	8235	2646	26
MATERO	27	899	779	9	21456	18,933	688
CHIPATA	28	1,707	1,707	1	37,631	37,248	172
CHAWAMA	35	2592	1612	15	31029	23881	284
CHILENJE	16	587	490	1	8874	8193	1
KANYAMA	30	2,010	2,010	2	31,689	31,689	168
<b>District</b>	<b>156</b>	<b>8058</b>	<b>6743</b>	<b>29</b>	<b>138914</b>	<b>122590</b>	<b>1339</b>

## 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	<b>13100</b>	<b>7696(58%)</b>	<b>6078(79%)</b>	<b>1204</b>	<b>967</b>	<b>80</b>

## 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%)