



Zambia Cholera Situation Report



Situation Report No. 29

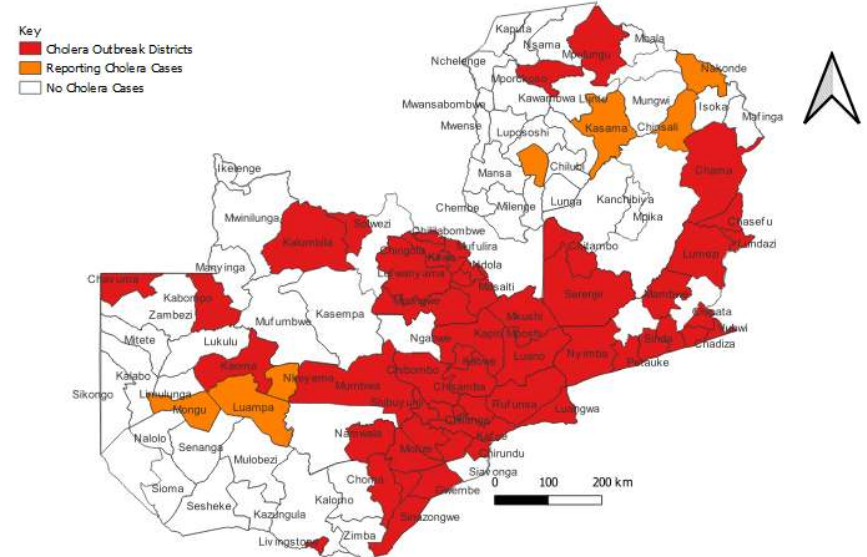
Situation Report as of 29th January 2024

Risk Level: High

Grade: 3

- No. of Provinces Reporting Cholera Cases: 10
- Total No. of Districts Reporting Cholera Cases: 66
- No. of Districts with Outbreaks: 58
 - Last 24 hours New Cases: 377
 - **Total Deaths: 10** (Facility Deaths: 3, Community Deaths: 7)
 - In admission: 542
 - Discharged: 375
 - Cumulative Cases: 15,974
 - Cumulative Deaths: 594 (CFR: 3.7%)
 - Health Facility Deaths: 241 (CFR: 1.5%)
- **A total of 1,851,081 (98%) 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 in the country 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, ten provinces have reported cases of cholera with seven provinces confirming cholera outbreaks (Local transmission). A total of 58 districts have confirmed local transmission of cholera.

Cumulative cases stand at 15,974 with 594 deaths (CFR: 3.7%).

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

In the last 24 hours 377 cases. A total of 10 deaths were recorded in Mandevu, LMUTH, Chilanga, Solwezi, Mazabuka and Kabwe. 542 cases are in admission with 375 discharged across all CTCs.

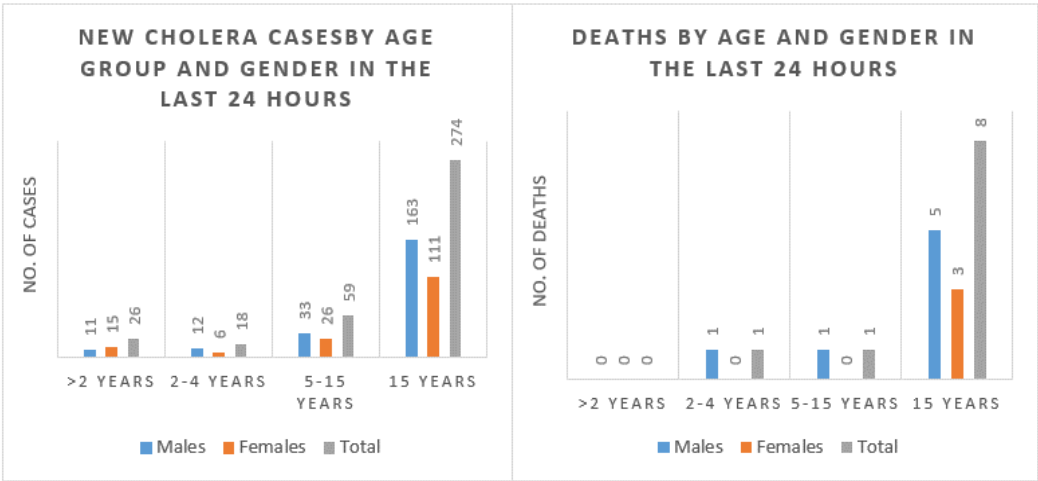
Summary of Cholera Cases by Province, Zambia, Oct 2023 – Jan 2024.

Province	No. of Districts Reporting	Population	Date of Reporting Index Case	Last 24 hours					Cumulatively						
				New Cases	HF Deaths	Comm Deaths	Discharges	In Adm	Cholera Cases	Cum. Discharges	HF Deaths	HF CFR (%)	Comm Deaths	Cum CFR	AR /100,000
Lusaka	6	3175740	14/10/2023	263	2	3	275	332	14,012	13,152	224	1.6	304	3.8	441.2
Eastern	14	2532849	10/12/2023	9	0	0	7	21	172	149	2	1.2	0	1.2	6.8
Northern	3	1671608	11/12/2023	0	0	0	0	0	23	23	0	0.0	0	0.0	1.4
Central	10	2359786	16/12/2023	35	1	0	49	85	937	821	19	2.1	12	3.3	39.7
Southern	11	2464332	26/12/2023	29	0	2	26	55	363	290	11	3.0	2	3.6	14.7
Copperbelt	10	2874705	27/12/2023	31	0	1	13	36	269	226	8	3.0	0	3.0	9.4
N-Western	4	1335306	27/12/2023	9	0	1	3	12	160	137	8	5.1	3	6.9	12.0
Western	4	1,412,905	04/01/2024	1	0	0	2	1	32	30	1	3.1	0	3.1	2.3
Muchinga	3	951,291	05/01/2024	0	0	0	0	0	5	5	0	0.0	0	0.0	0.5
Luapula	1	1,568,984	22/01/2024	0	0	0	0	0	1	1	0	0.0	0	0.0	0.1
GRAND TOTAL	66	20309547		377	3	7	375	542	15974	14834	241	1.5	353	3.7	78.7

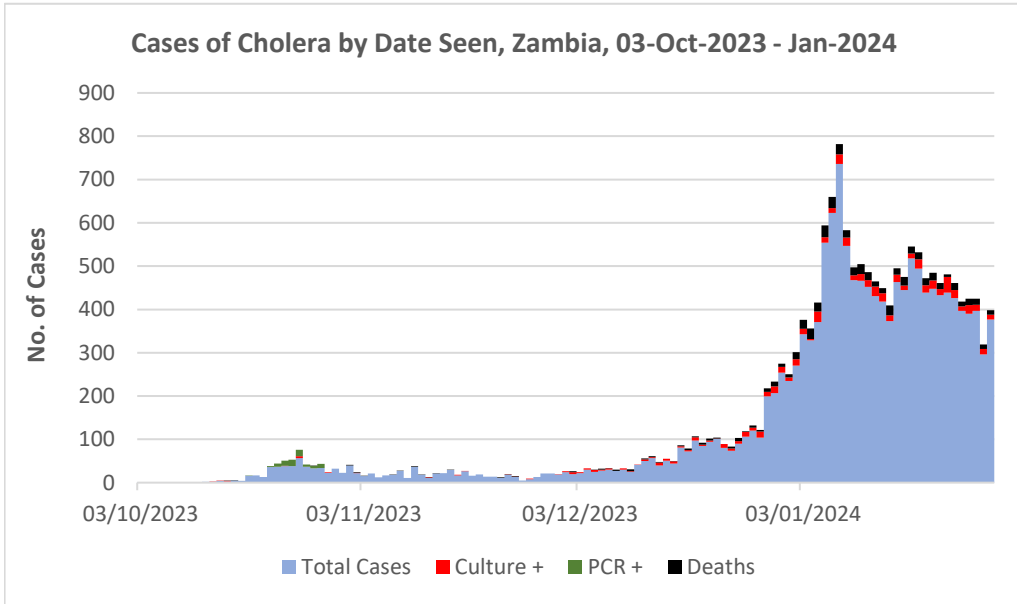
Laboratory Results

Laboratory Results		
Province	Culture-Positive	PCR-Positive
Lusaka	407	153
Eastern	68	0
Central	46	0
Northern	3	0
Southern	49	0
Copperbelt	28	0
N-Western	68	0
Western	18	0
Muchinga	3	0
Luapula	1	0
Total	691	153

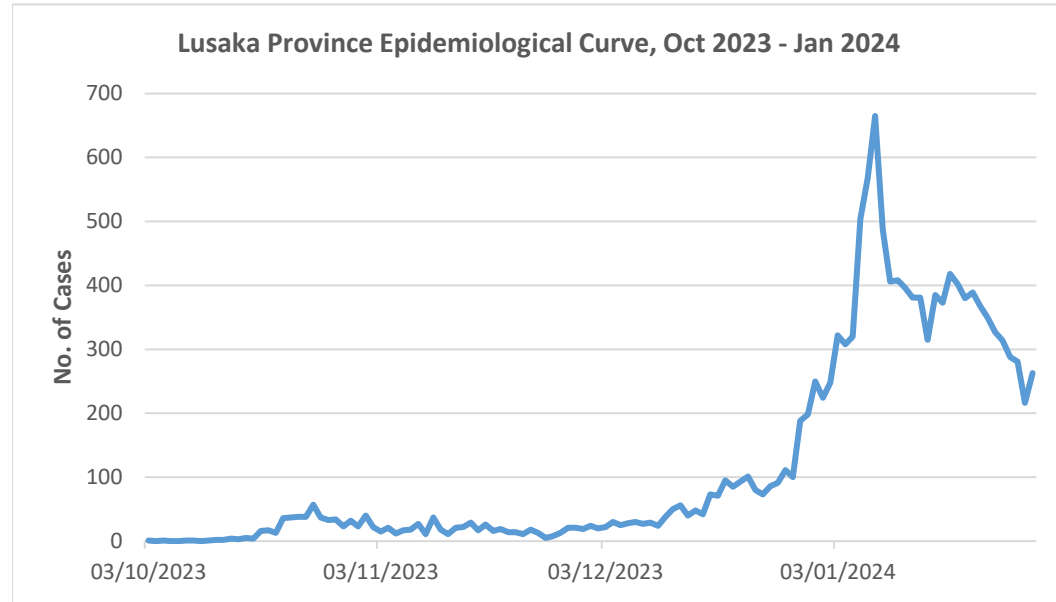
New Cases by Age Group and Gender in the Last 24 Hours



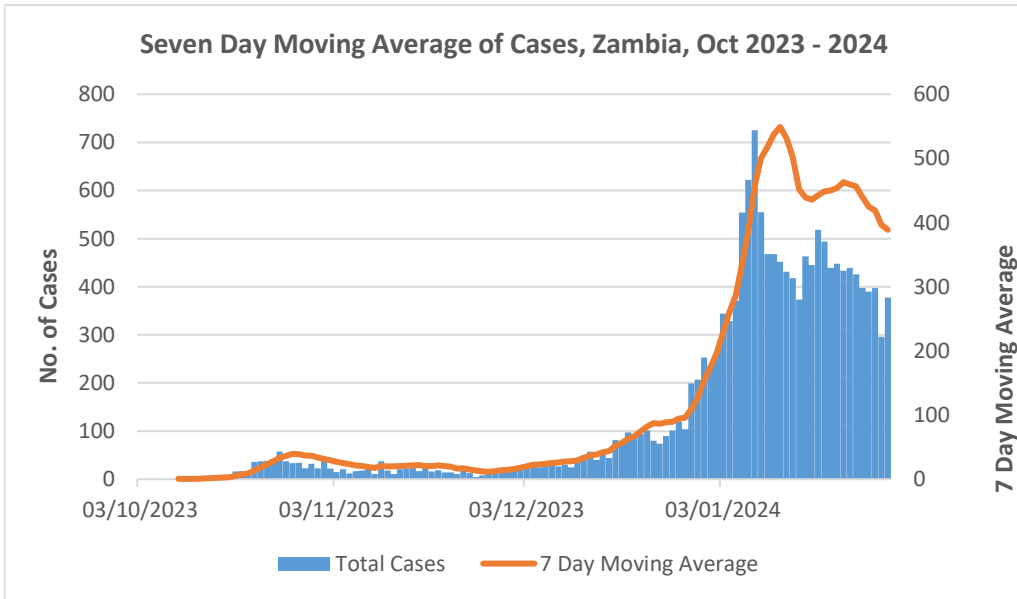
National Epidemiological Curve



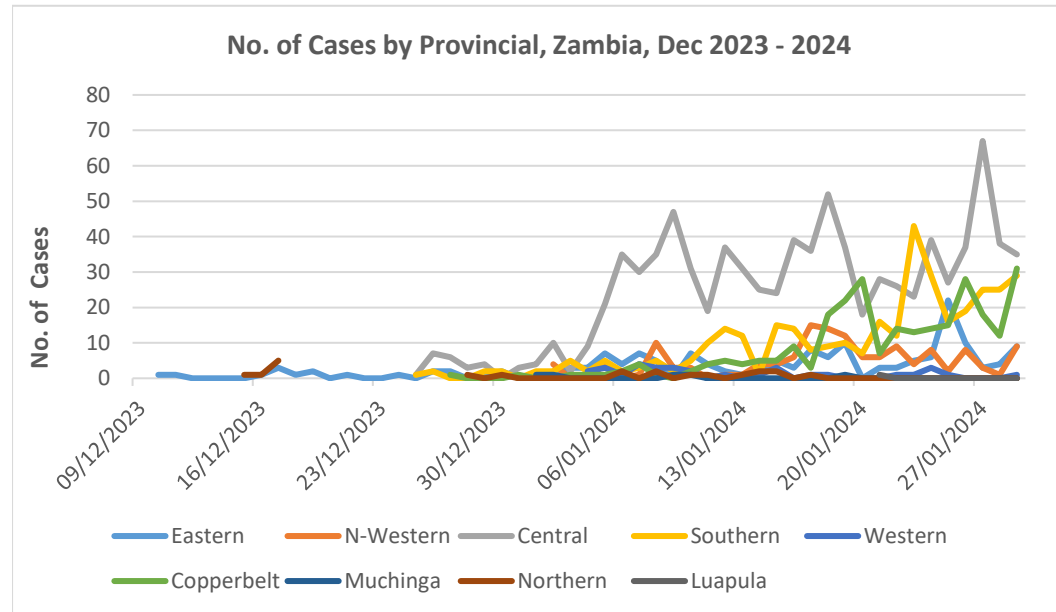
Lusaka Province Epidemiological Curve



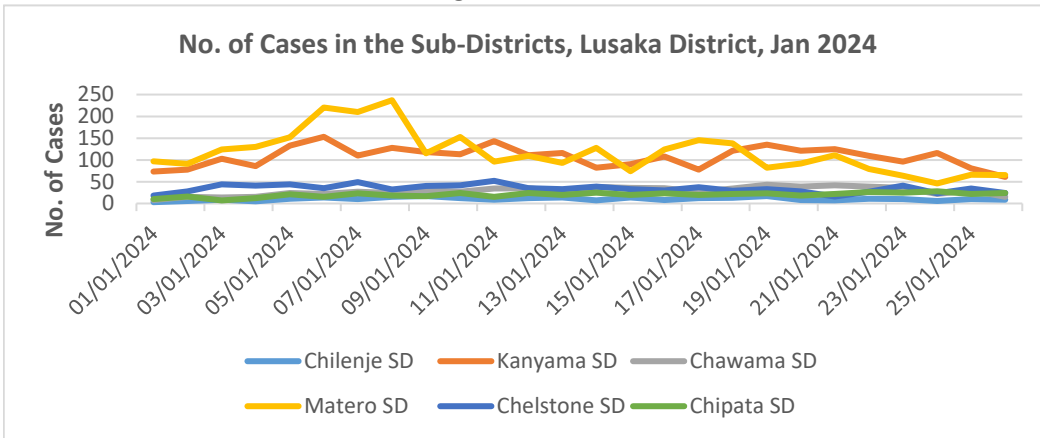
The seven-day moving average is still high.



Other Province



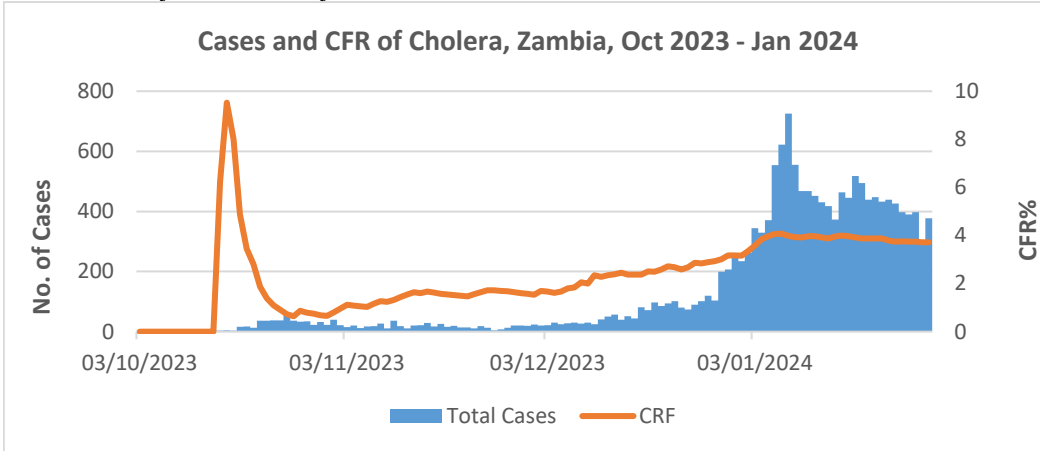
Matero Sub-district has recorded a significant decline in cases.



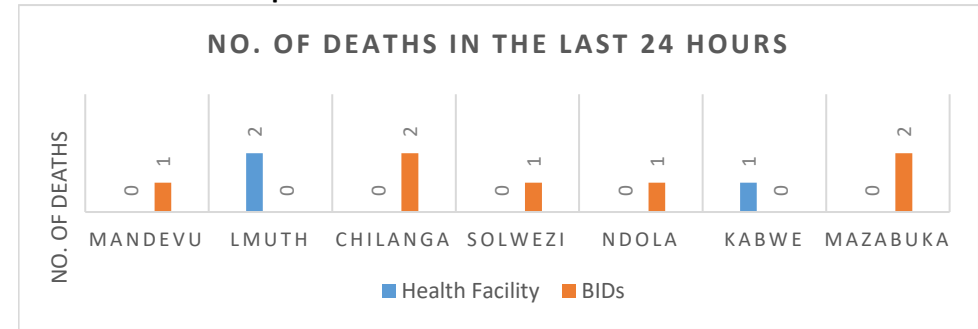
There are more Brought in Dead (BIDs). There is 1.6% CFR for cases who die in health facilities.

Province	Deaths in the Last 24 Hours			Cumulative Deaths		
	Facility Deaths	BID	Total	Facility Deaths	BID	Total
Lusaka	2	3	5	224	304	528
Southern	0	2	0	2	11	13
N-Western	0	1	1	3	8	11
Western	0	0	0	0	1	1
Eastern	0	0	0	0	2	2
Copperbelt	0	1	1	0	8	8
Central	1	0	1	12	19	31
Total	3	7	10	241	353	594

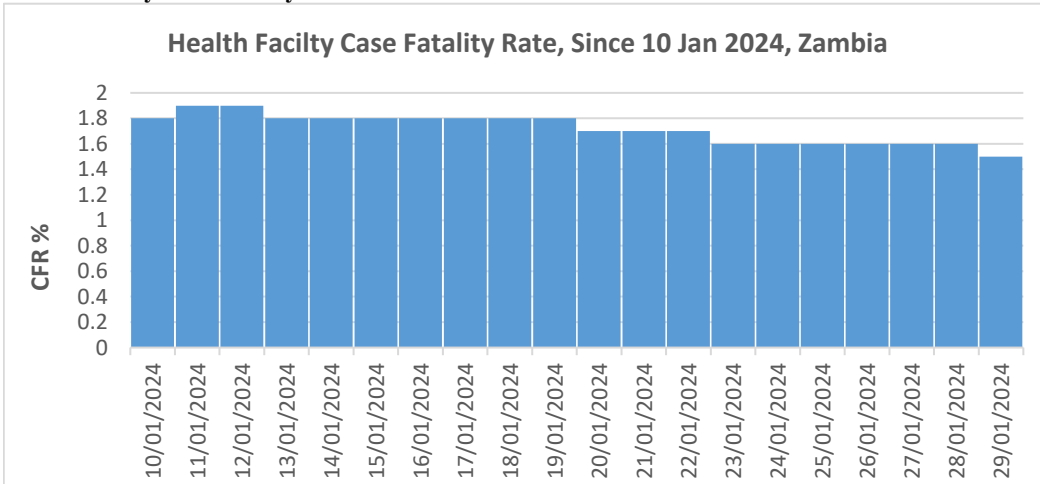
The case fatality rate for facility deaths and BIDs.



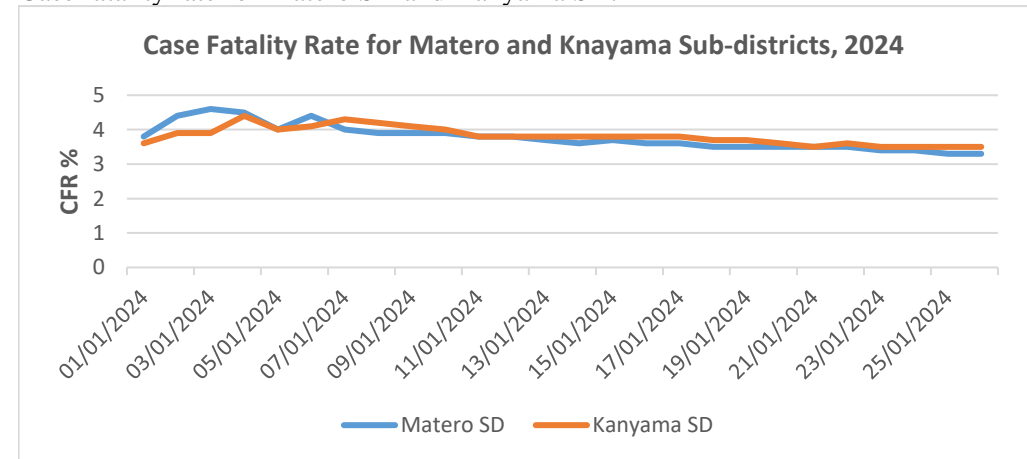
Number of deaths reported last 24 hours.



Health Facility Case Fatality Rate



Case fatality rate for Matero SD and Kanyama SD.



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 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.

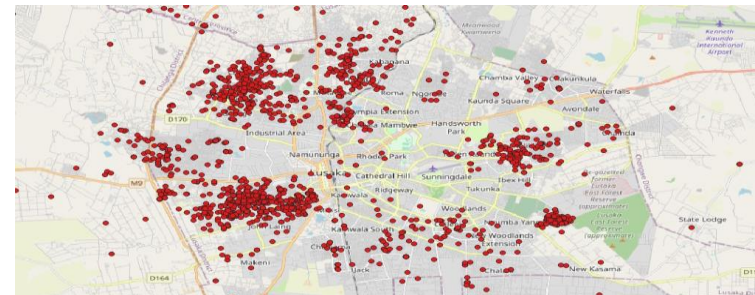
Recommendations

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

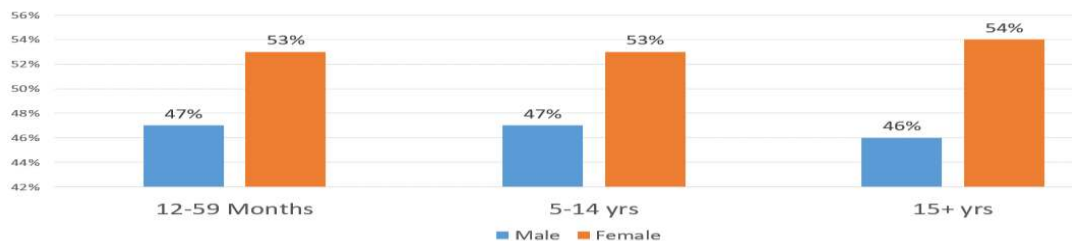


Oral Cholera Vaccination Report

A total of 1,851,081 (98%) of the target have been vaccinated. 47% males and 53% females have been vaccinated.

District/Sub-	Eligible Population	Target in Hot spots	Number Vaccinated		Coverage (%)
			Day 14 (Last 24hrs) 28.1.24	Total Vaxed	
Chawama	440,881	440,881		382,361	87%
Chipata	458,467	458,467		457,854	100%
Kanyama	510,125	376,329		389,130	103.4%
Matero	494,881	313,467		313,320	100%
Rufunsa	81,600	40,000		39,999	100.0%
Chongwe	324,963	122,963		123,436	100%
Chilanga	232,503	100,000	416	112,841	113%
Luangwa	36,005	36,005		30,899	86%
Fishing Camp	-	(1241)	1241	1241	100%
Total	2,579,425	1,888,112	1,657	1,851,081	98%

Age Sex Distribution



Healthcare workers

S/N	CTC	Vaccinated in last 24hrs	Total Vaccinated
1	Heroes Stadium	22	2345
2	Levy Hospital	10	291
3	Lusaka Province CTCs	52	1157
	Total	84	3793

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 Prison	15	1022	220	1242
3	Kamwala Remand	3	108	0	108
4	Mwembeshi Prison	72	1939	0	1939
5	Rufunsa Prison	1	85	0	85
	Total	91	3262	281	3634

Community Case Management

Oral Rehydration Points Performance in Lusaka District

A total of 160,987 have visited the ORPs, 141,252 have been given ORS and 1,440 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	24	404	176	3	9146	3082	29
MATERO	27	1134	956	12	24398	21,414	715
CHIPATA	30	2,377	2,377	8	43,117	42,794	191
CHAWAMA	35	2048	1443	12	36390	27714	318
CHILENJE	21	499	346	0	10,116	9,104	1
KANYAMA	33	2,249	2,249	7	37,820	37,144	186
District	170	8711	7547	42	160987	141252	1440

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

As of 27/01/2024, 75/114 (66%) of the installed tanks in Lusaka District were filled with water.