



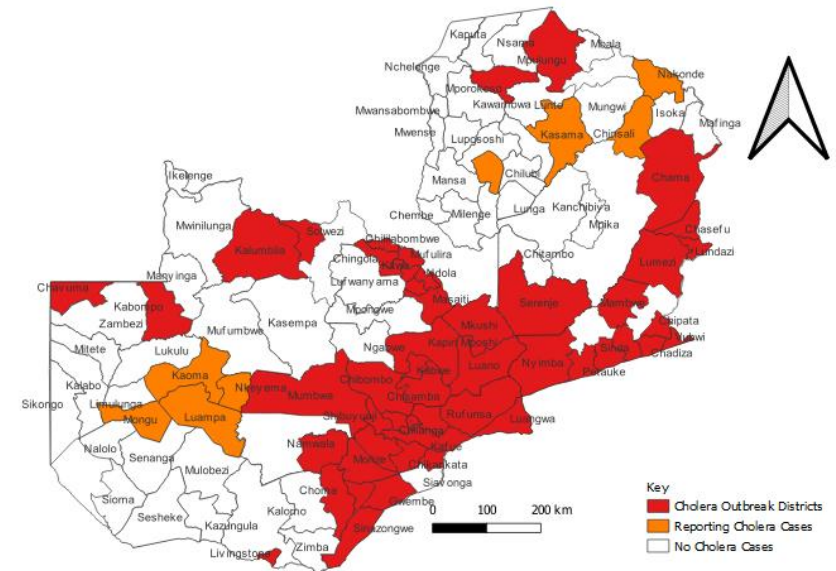
Zambia Cholera Situation Report



Sitrep No. 23

- Cases and Deaths as of: 23/01/2024
- No. of Provinces Reporting Cholera Cases: 10
- Total No. of Districts Reporting Cholera Cases: 63
- No. of Districts with Outbreaks: 54
 - Last 24 hours New Cases: 439
 - New Deaths: 6
 - In admission: 801
 - Discharged: 459
- Cumulative Cases: 13,686
- Cumulative Deaths: 518 (CFR: 3.8%)
- **A total of 1,607,101 (81%) 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 54 districts have confirmed local transmission of cholera.

Cumulative cases stand at 13,989 with 518 deaths (CFR: 3.8%).

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

In the last 24 hours 439 cases. A total of 6 deaths were recorded in Chelston, Chipata, Kanyama and Solwezi. 801 cases are in admission with 459 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	350	5	372	647	12,323	11,200	476	3.9	388.0
Eastern	14	2532849	10/12/2023	5	0	8	8	113	102	1	0.9	4.5
Northern	3	1671608	11/12/2023	0	0	0	0	23	23	0	0.0	1.4
Central	9	2359786	16/12/2023	23	0	30	54	694	620	20	2.9	29.4
Southern	11	2464332	26/12/2023	43	0	8	63	221	151	7	3.2	9.0
Copperbelt	8	2874705	27/12/2023	13	0	22	13	150	132	5	3.3	5.2
N-Western	4	1335306	27/12/2023	4	1	19	14	129	107	8	6.2	9.7
Western	4	1,412,905	04/01/2024	1	0	0	2	27	24	1	3.7	1.9
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
GRAND TOTAL	63	20309547		439	6	459	801	13686	12365	518	3.8	67.4

Laboratory Results

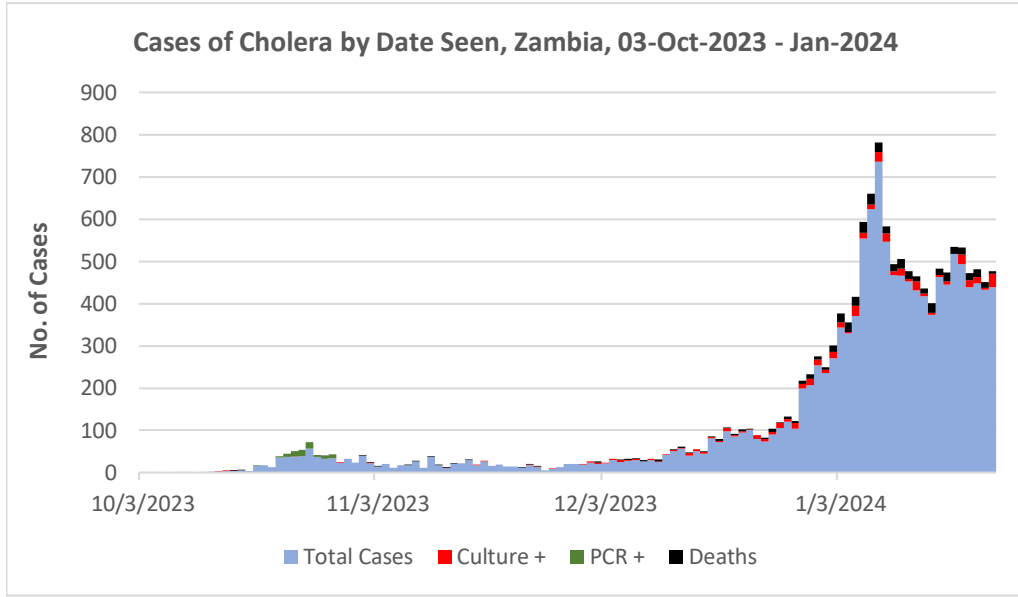
Laboratory Results		
Province	Culture-Positive	PCR-Positive
Lusaka	291	153
Eastern	47	0
Central	27	0
Northern	3	0
Southern	39	0
Copperbelt	22	0
N-Western	54	0
Western	18	0
Muchinga	3	0
Luapula	1	0
Total	505	153

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

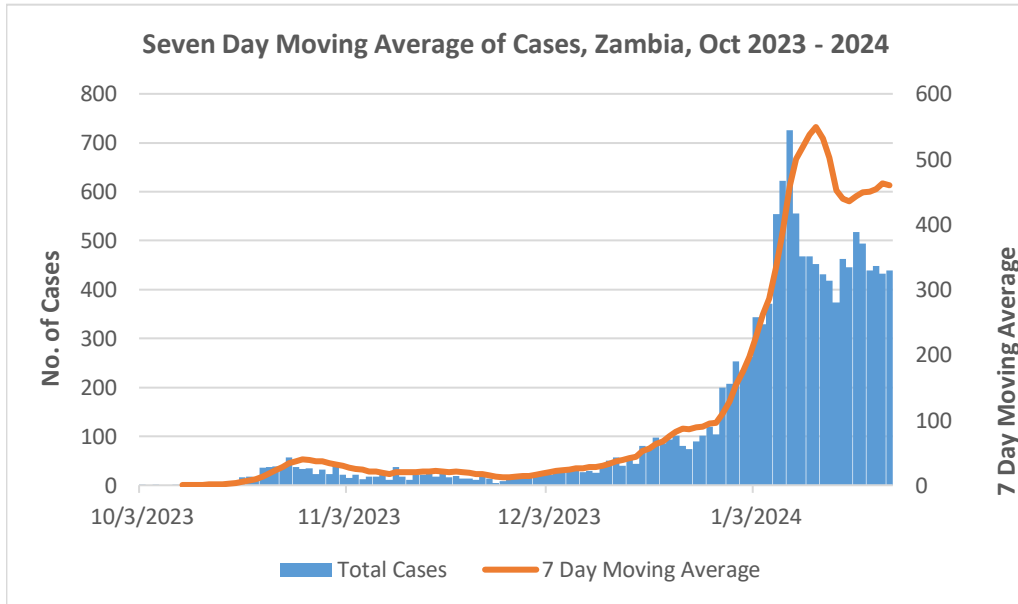
Indicator	Number of Cases (%)
Under 1 year	553 (7.6%)
1-4 years	1769 (24%)
5-10 years	818 (11.1%)
11-15 years	383 (5.2%)
Above 15 years	3819 (51.8%)
National Picture	7343

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

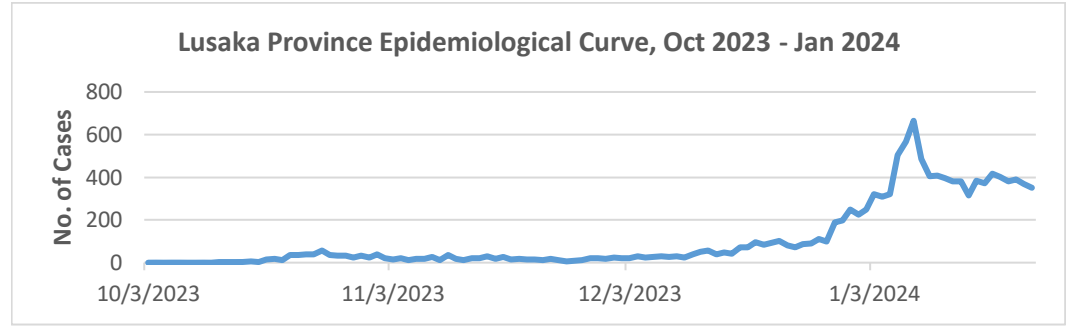
National Epidemiological Curve



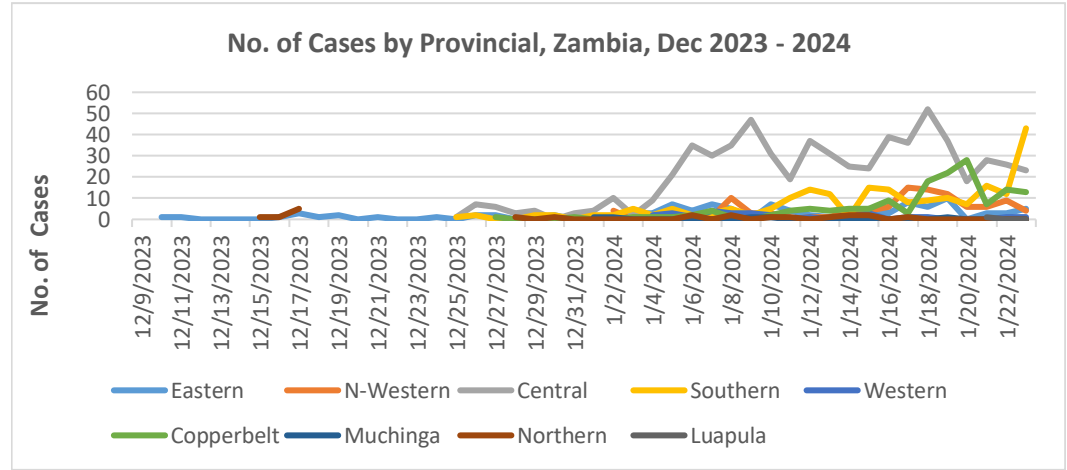
The seven-day moving average is still high.



Lusaka Province Epidemiological Curve, Oct 2023 - Jan 2024



Other Province



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

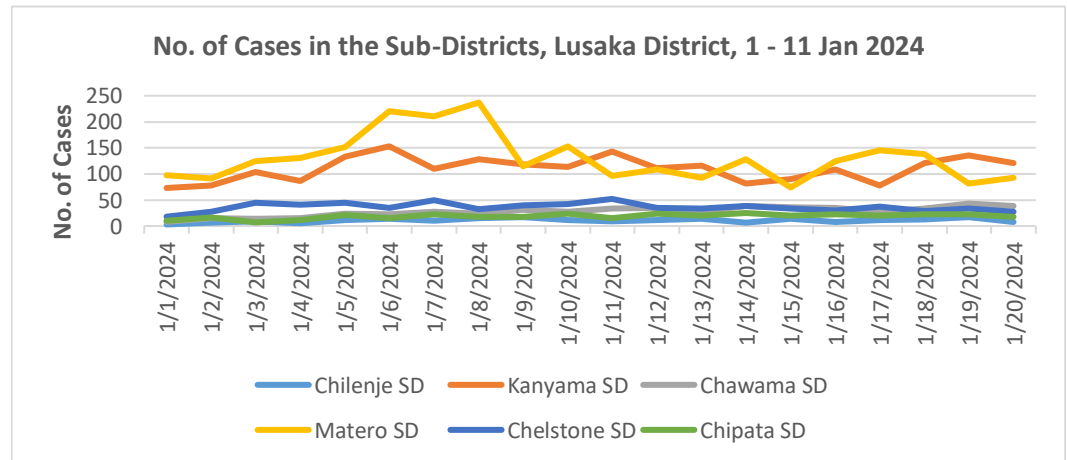
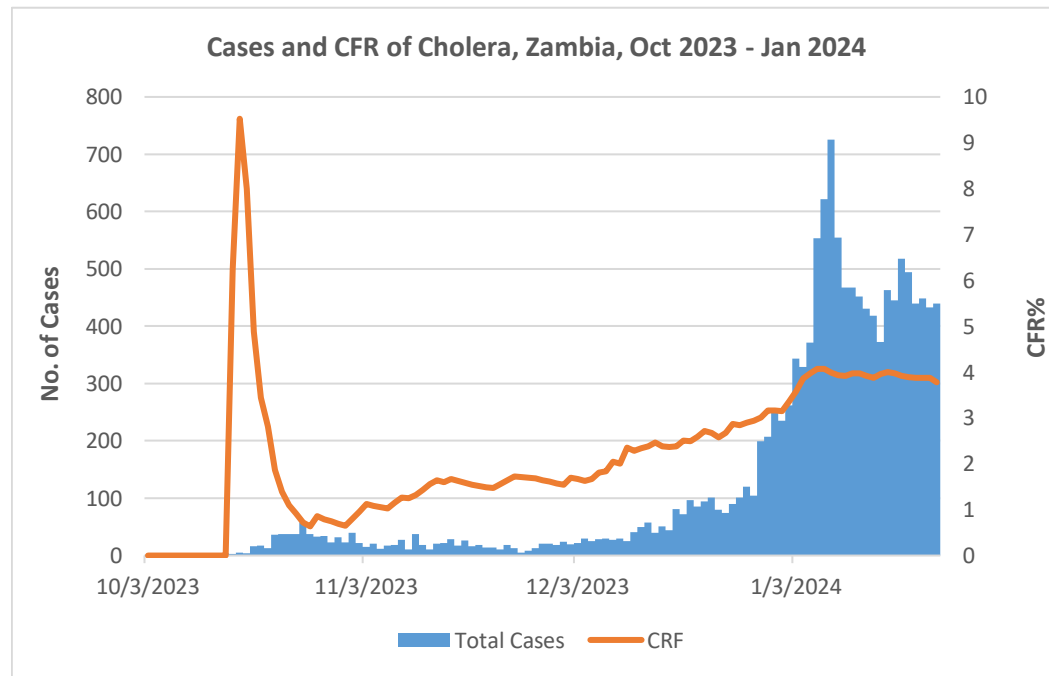


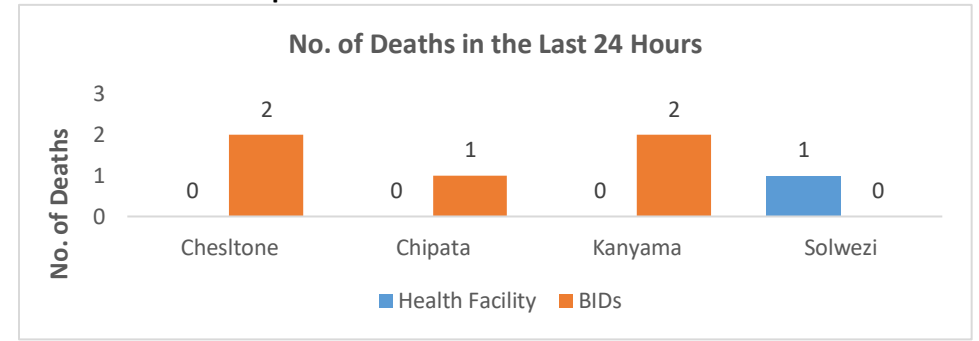
Table 3. Summary of Cholera Deaths by Facility Deaths and BIDs

Province	Deaths in the Last 24 Hours			Cumulative Deaths		
	Facility Deaths	BID	Total	Facility Deaths	BID	Total
Lusaka	0	5	5	205	271	476
Southern	0	0	0	2	5	7
N-Western	1	0	1	2	6	8
Western	0	0	0	0	1	1
Eastern	0	0	0	0	1	1
Copperbelt	0	0	0	0	5	5
Central	0	0	0	7	13	20
Total	1	5	6	216	302	518

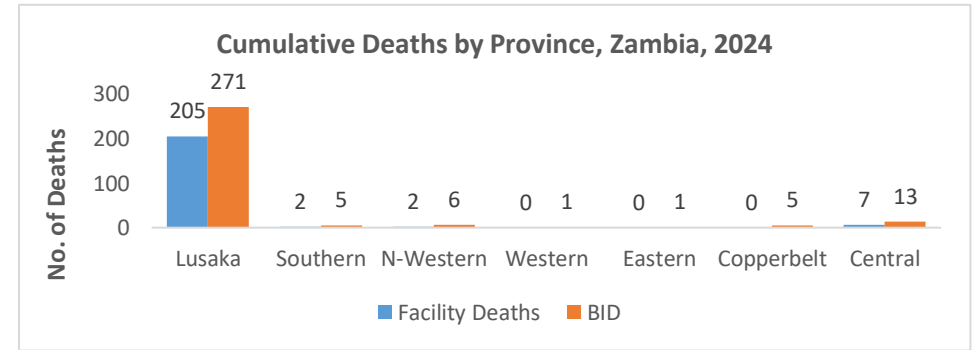
The case fatality rate is still high.



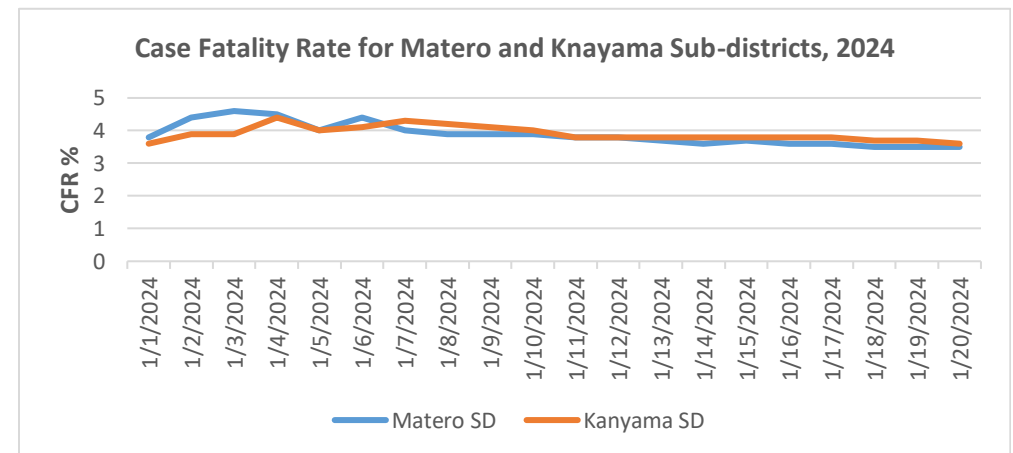
Number of deaths reported last 24 hours.



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



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

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.

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

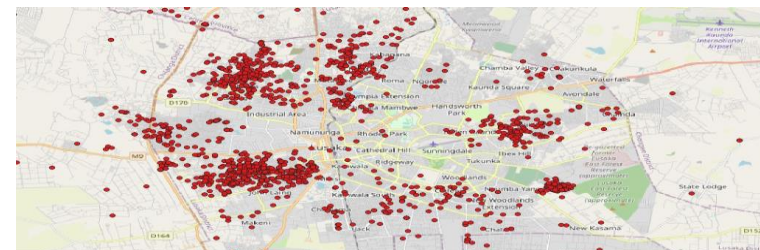
Recommendations

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 1,607,101 (81%) of the target have been vaccinated, over 3,000 healthcare workers. 54% females and 46% males have been vaccinated. 10 community cholera cases referred to CTCs.

CUMULATIVE COVERAGE

District/Sub	Daily Target	Total Vaccinated (1-4 Yrs)	Total Vaccinated (5-14 Yrs)	Total Vaccinated (15 Yrs Above)	Total Vaccinated	Coverage %	# of HF's	Total HF's Vaccinating
Matero	313,467	72,566	95,791	129,721	298,078	95%	9	9
Chewama	440,881	82,408	109,953	172,386	364,747	83%	12	12
Kanyama	376,319	95,433	124,297	152,862	372,592	99%	8	8
Chipata	458,467	109,223	144,483	164,104	417,810	91%	9	8
Rufusa	40,000	7,494	10,267	22,064	39,825	100%	7	7
Chilanga	190,409	12,638	19,191	26,663	58,492	31%	14	13
Luangwa	36,005	1,261	1,889	4,056	7,206	20%	17	15
Chongwe	122,963	9,739	15,354	23,258	48,351	39%	8	8
Total	1,978,511	390,762	521,225	695,114	1,607,101	81%	84	80

Community Case Management

Oral Rehydration Points Performance in Lusaka District

A total of 118,297 have visited the ORPs, 104,507 have been given ORS and 1,223 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		360	144	0	7410	2297	22
MATERO 27		816	816	13	19063	16,622	657
CHIPATA 26		1,197	1,197	0	32,743	32,743	158
CHAWAMA 33		1315	741	2	25941	20139	250
CHILENJE 15		524	445	0	7277	6843	0
KANYAMA 27		1,565	1,565	5	25,863	25,863	136
District 149		5777	4908	20	118297	104507	1223

School Assessments by Province

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 20/01/2024, Tanks = 5/11 were empty, and 2/11 met >1mg/l.

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