



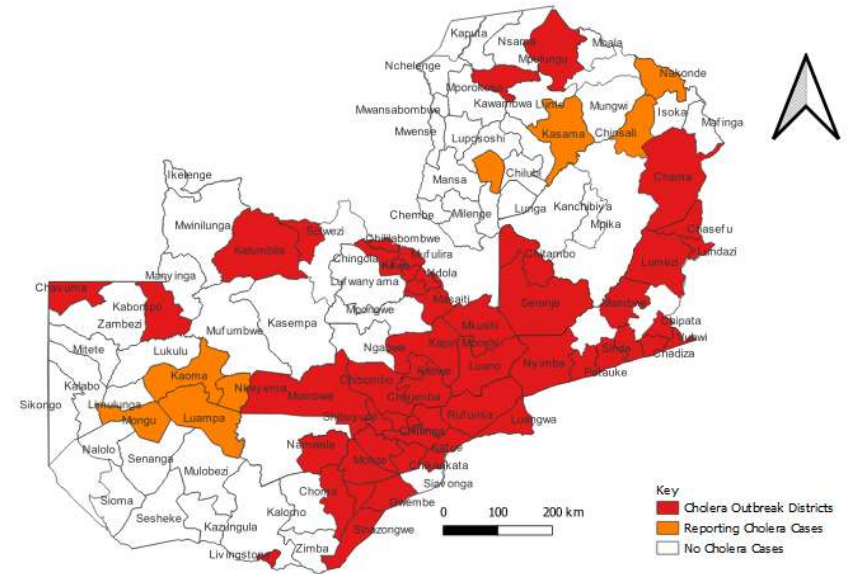
Zambia Cholera Situation Report



Sitrep No. 27

- Cases and Deaths as of: 27/01/2024
- 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: 14
 - In admission: 681
 - Discharged: 364
- Cumulative Cases: 15,302
- Cumulative Deaths: 574 (CFR: 3.8%)
- **A total of 1,846,714 (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 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 15,302 with 574 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 14 deaths were recorded in Chelstone, Kanyama, LMUTH, Chilanga, Shibuyunji, Chibombo and Mazabuka. 681 cases are in admission with 364 discharged across all CTCs.

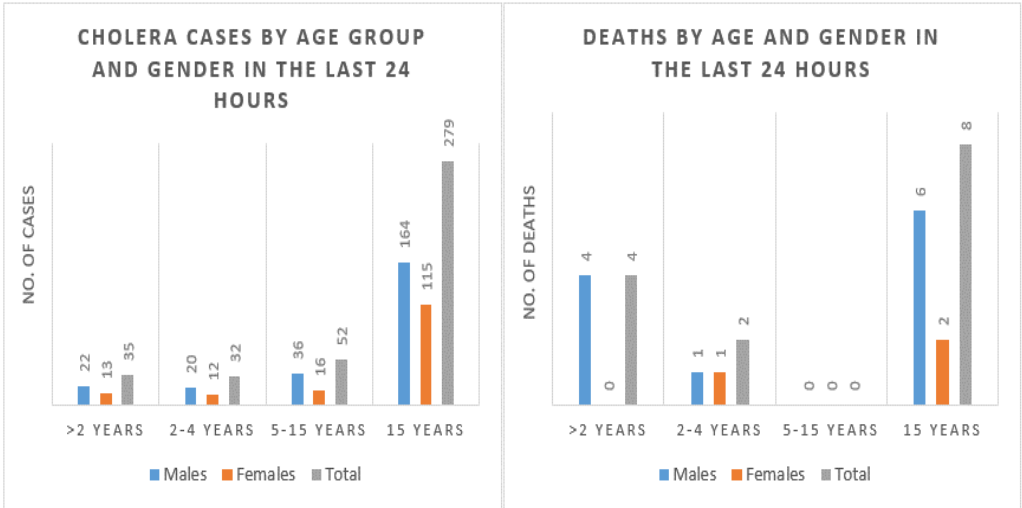
Summary of Cholera Cases by Province, Zambia, Oct 2023 – Jan 2024.

| 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 | 281 | 11 | 290 | 458 | 13,533 | 12,562 | 516 | 3.8 | 426.1 |
| Eastern | 14 | 2532849 | 10/12/2023 | 3 | 0 | 5 | 29 | 159 | 128 | 2 | 1.3 | 6.3 |
| Northern | 3 | 1671608 | 11/12/2023 | 0 | 0 | 0 | 0 | 23 | 23 | 0 | 0.0 | 1.4 |
| Central | 10 | 2359786 | 16/12/2023 | 67 | 2 | 30 | 101 | 864 | 735 | 28 | 3.2 | 36.6 |
| Southern | 11 | 2464332 | 26/12/2023 | 25 | 1 | 8 | 57 | 310 | 243 | 10 | 3.2 | 12.6 |
| Copperbelt | 8 | 2874705 | 27/12/2023 | 18 | 0 | 23 | 25 | 226 | 194 | 7 | 3.1 | 7.9 |
| N-Western | 4 | 1335306 | 27/12/2023 | 3 | 0 | 7 | 9 | 150 | 131 | 10 | 6.7 | 11.2 |
| Western | 4 | 1,412,905 | 04/01/2024 | 0 | 0 | 1 | 2 | 31 | 28 | 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 |
| GRAND TOTAL | 64 | 20309547 | | 397 | 14 | 364 | 681 | 15302 | 14050 | 574 | 3.8 | 75.3 |

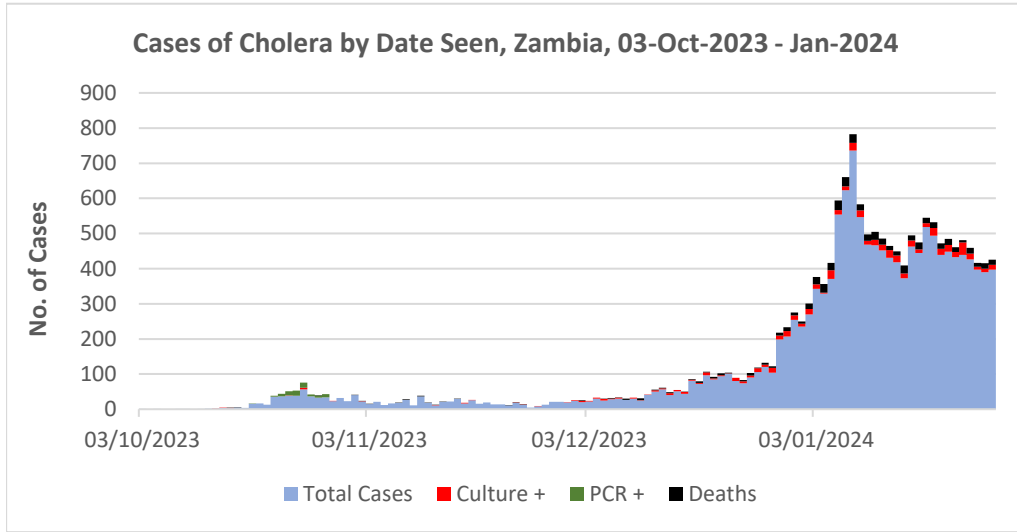
Laboratory Results

| Laboratory Results | | |
|--------------------|------------------|--------------|
| Province | Culture-Positive | PCR-Positive |
| Lusaka | 384 | 153 |
| Eastern | 58 | 0 |
| Central | 37 | 0 |
| Northern | 3 | 0 |
| Southern | 39 | 0 |
| Copperbelt | 28 | 0 |
| N-Western | 65 | 0 |
| Western | 18 | 0 |
| Muchinga | 3 | 0 |
| Luapula | 1 | 0 |
| Total | 616 | 153 |

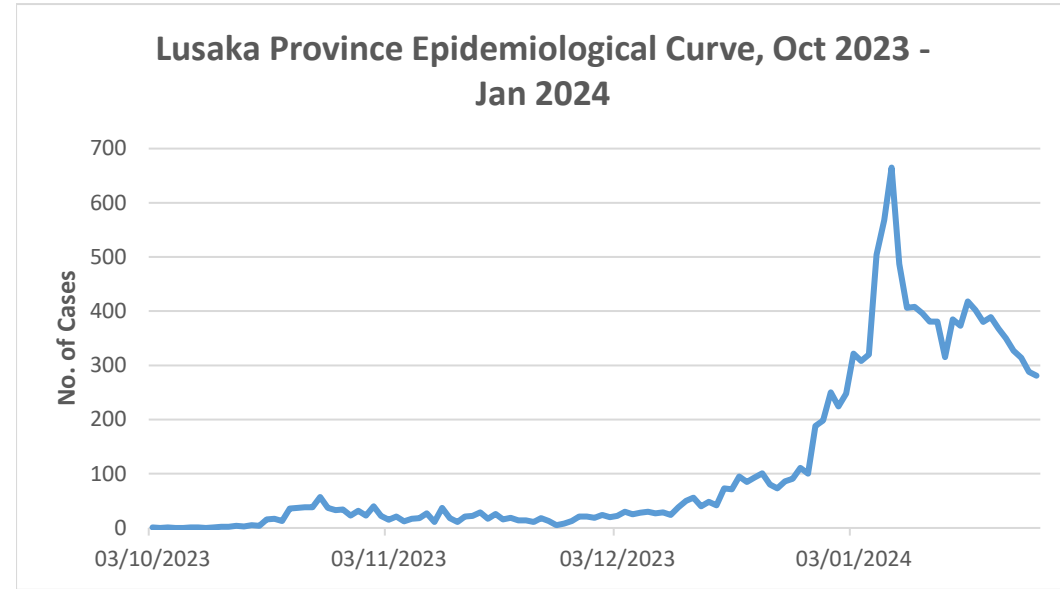
New Cases and Deaths by Age Group and Gender



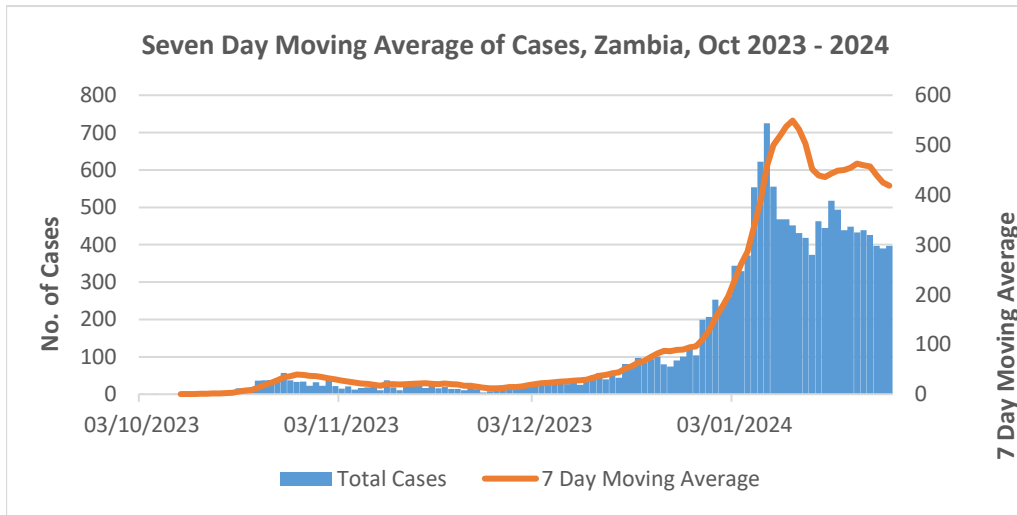
National Epidemiological Curve



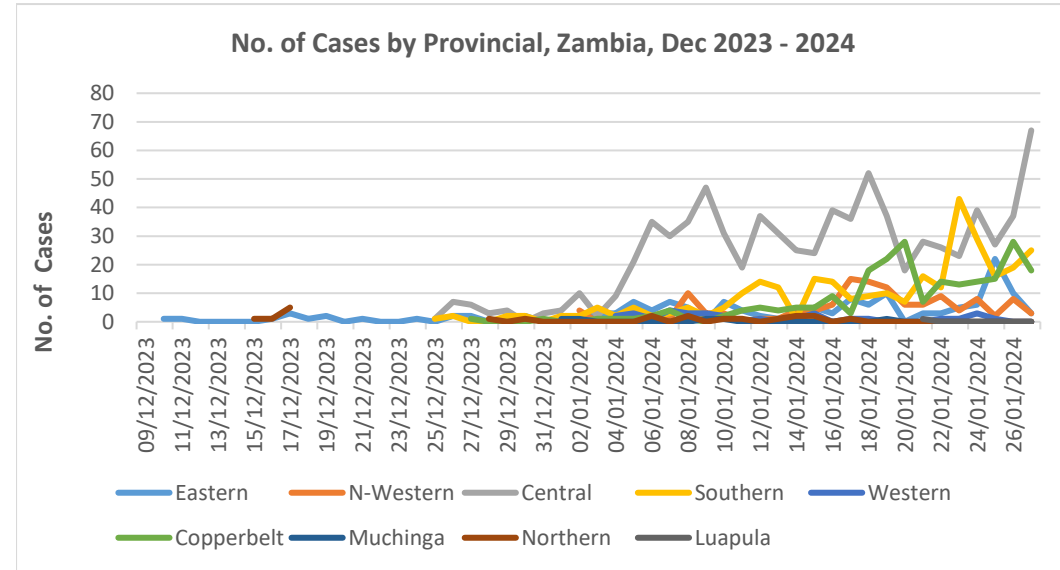
Lusaka Province Epidemiological Curve



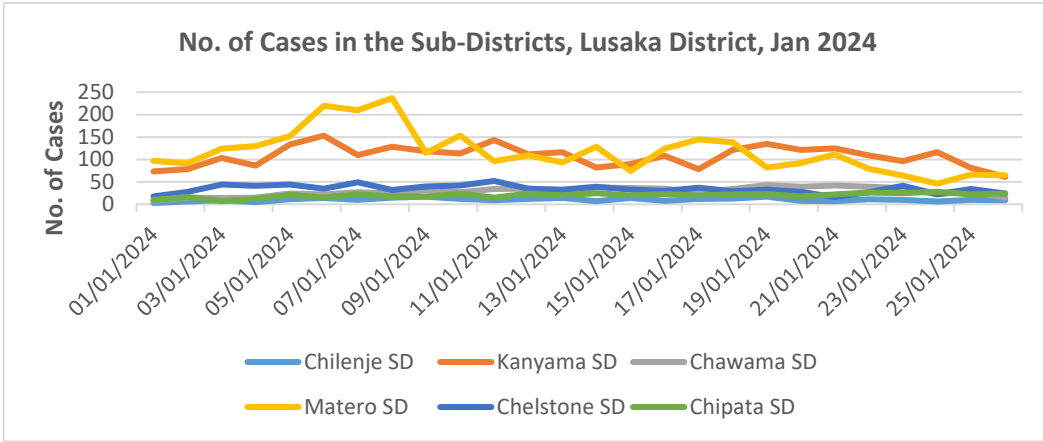
The seven-day moving average is still high.



Other Province



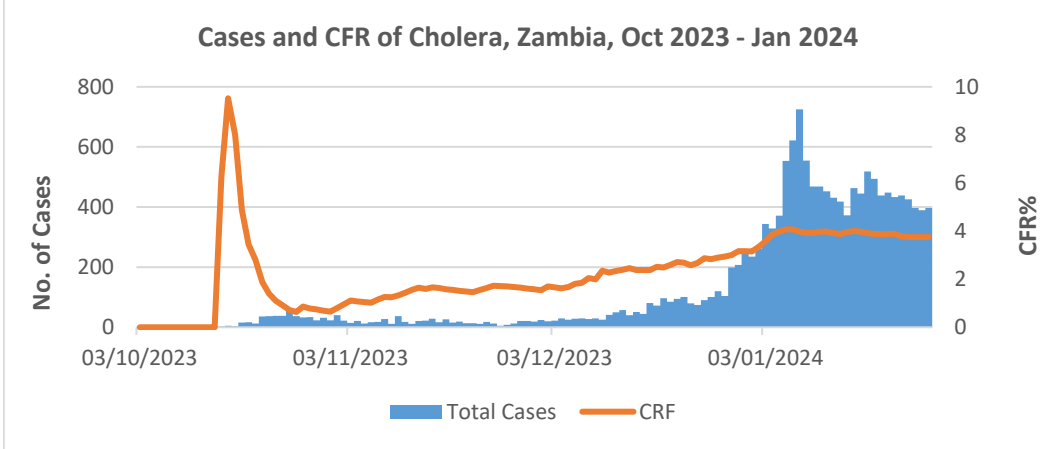
Matero Sub-district has recorded a significant decline in cases.



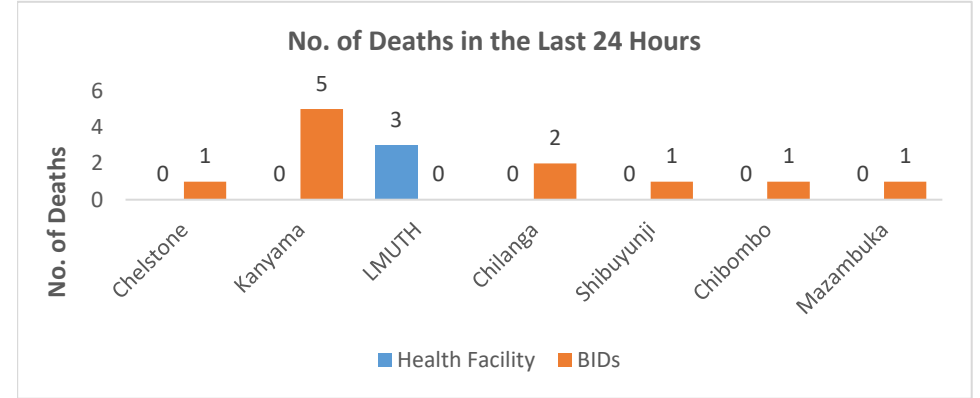
There are more Brought in Dead (BIDs). There is 1.6% CFR for cases who die in health facilities.

| Province | Deaths in the Last 24 Hours | | | Cumulative Deaths | | |
|--------------|-----------------------------|-----------|-----------|-------------------|------------|------------|
| | Facility Deaths | BID | Total | Facility Deaths | BID | Total |
| Lusaka | 3 | 8 | 11 | 219 | 297 | 516 |
| Southern | 0 | 1 | 0 | 2 | 8 | 10 |
| N-Western | 0 | 0 | 0 | 3 | 7 | 10 |
| Western | 0 | 0 | 0 | 0 | 1 | 1 |
| Eastern | 0 | 0 | 0 | 0 | 2 | 2 |
| Copperbelt | 0 | 0 | 0 | 0 | 7 | 7 |
| Central | 0 | 2 | 2 | 10 | 18 | 28 |
| Total | 3 | 11 | 14 | 234 | 340 | 574 |

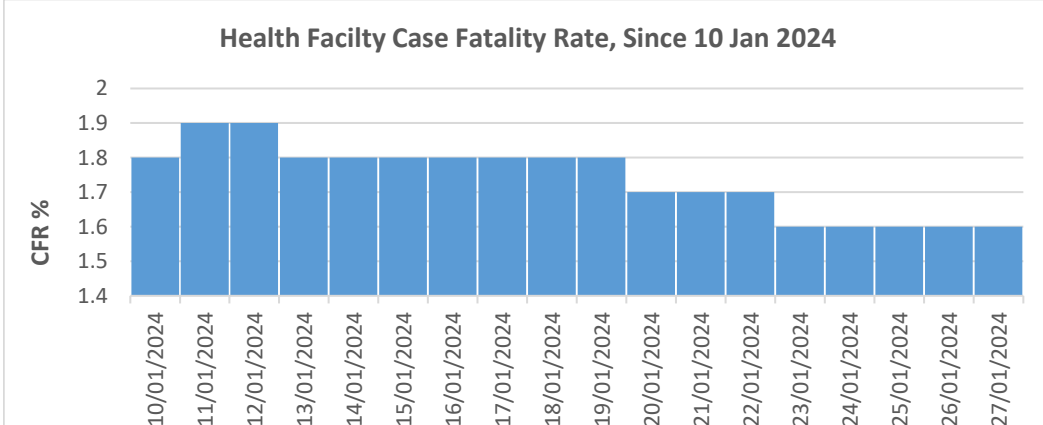
The case fatality rate for facility deaths and BIDs.



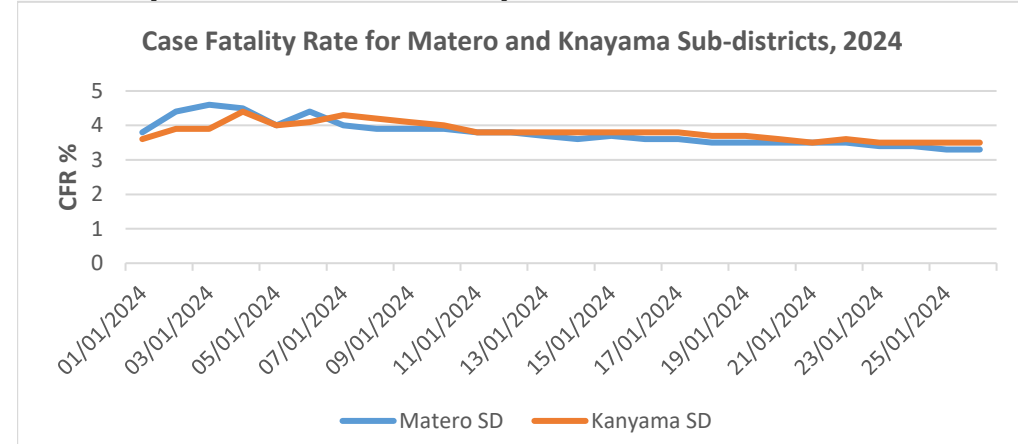
Number of deaths reported last 24 hours.



Health Facility Case Fatality Rate



Case fatality rate for Matero SD and Kanyama SD 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 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.

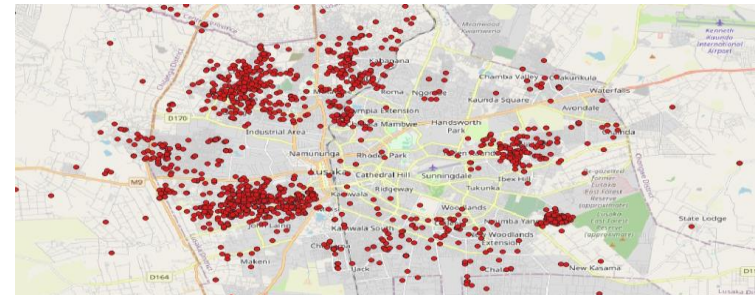
Recommendations

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

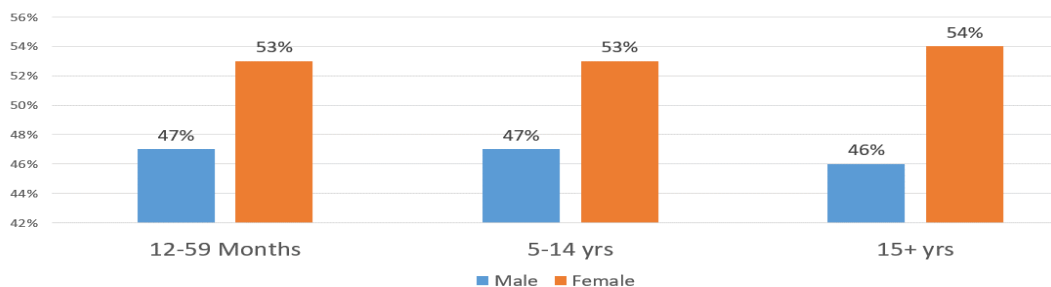


Oral Cholera Vaccination Report

A total of 1,846,714 (98%) of the target have been vaccinated. 2 community cholera cases referred to CTCs.

| District/Sub- | Eligible Population | Target in Hot spots | Number Vaccinated | | Coverage (%) |
|---------------|---------------------|---------------------|-----------------------------|------------------|--------------|
| | | | Day 12 (Last 24hrs) 27.1.24 | Total Vaxed | |
| Chawama | 440,881 | 440,881 | | 382,361 | 87% |
| Chipata | 458,467 | 458,467 | | 457,854 | 100% |
| Kanyama | 510,125 | 376,329 | | 388,730 | 103.3% |
| Matero | 494,881 | 313,467 | | 313,320 | 100% |
| Rufunsa | 81,600 | 40,000 | | 39,999 | 100% |
| Chongwe | 324,963 | 122,963 | 3,873 | 123,741 | 101% |
| Chilanga | 232,503 | 100,000 | 6,196 | 111,827 | 112% |
| Luangwa | 36,005 | 36,005 | 1,698 | 28,882 | 80% |
| Total | 2,579,425 | 1,888,112 | 11,767 | 1,846,714 | 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 | 0 | 1096 |
| Total | | 32 | 3732 |

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 145,437 have visited the ORPs, 128,555 have been given ORS and 1,366 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 | 254 | 163 | 0 | 8489 | 2809 | 26 |
| MATERO | 27 | 865 | 740 | 7 | 22321 | 19,673 | 695 |
| CHIPATA | 28 | 1,833 | 1,833 | 1 | 39,464 | 39,081 | 173 |
| CHAWAMA | 35 | 1133 | 1076 | 14 | 32162 | 24957 | 298 |
| CHILENJE | 17 | 428 | 334 | 0 | 9302 | 8527 | 1 |
| KANYAMA | 30 | 2,010 | 1,819 | 5 | 33,699 | 33,508 | 173 |
| District | 161 | 6523 | 5965 | 27 | 145437 | 128555 | 1366 |

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

75/114 (66%) of the installed tanks in Lusaka District were filled with water.