



Zambia Cholera Outbreak | Situation as of 3rd January 2024



National | Number of Districts with Outbreaks – 25, Lusaka (Four), Eastern (Seven) Central (Seven) Northern (One) Southern (Five)

As at 18 hours 02 January 2024 | Cumulative cases: 4,097 | Cumulative Deaths: 150 | CFR: 3.7% Past 24hours | Currently admitted in CTCs: 569 | Discharged: 241 | New Cases: 340 | New Deaths: 21

Risk Level: High: Grade 3 Event, Sitrep No. 03

Epidemiological Overview

Background: This year Zambia has experienced cholera outbreaks in 20 districts across the country that began on 21st January 2023 and was initially declared over on 15th July 2023 following 28 days of zero reporting.

25 districts with outbreaks.

The index case in Lusaka was a Female aged 26 of Kanyama who was identified on 14.10.23 and culture-confirmed as Vibrio Cholera O1 Ogawa on 15.10.23.

Vubwi District in Eastern Province reported a case of cholera on 10/12/2023 and culture-confirmed as Vibrio Cholera O1 Ogawa on 13/12/2023.

Petauke reported two suspected cases of cholera on 14/12/2023 and both culture-positive. Mumbwa and Kapiri Mposhi has one culture-positive each. Mpulungu, has two culture-confirmed as of 21/12/2023.

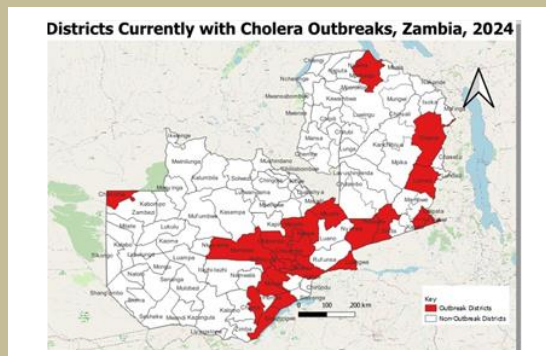
Southern Province have reported three confirmed cases in Monze, Sinazongwe, Choma, Mazabuka and Gwembe Districts with a travel history from Lusaka District.

Copperbelt has recorded reported confirmed cases in Ndola and Mufurila Districts

In the last 24 hours 340 cases. A total of sixteen (21) deaths were recorded in Lusaka’s Kanyama, Matero, Chelstone, Chipata, LMUTH, Kafue and Chongwe. 569 cases are in admission with 241 discharged across all CTCs.

Results

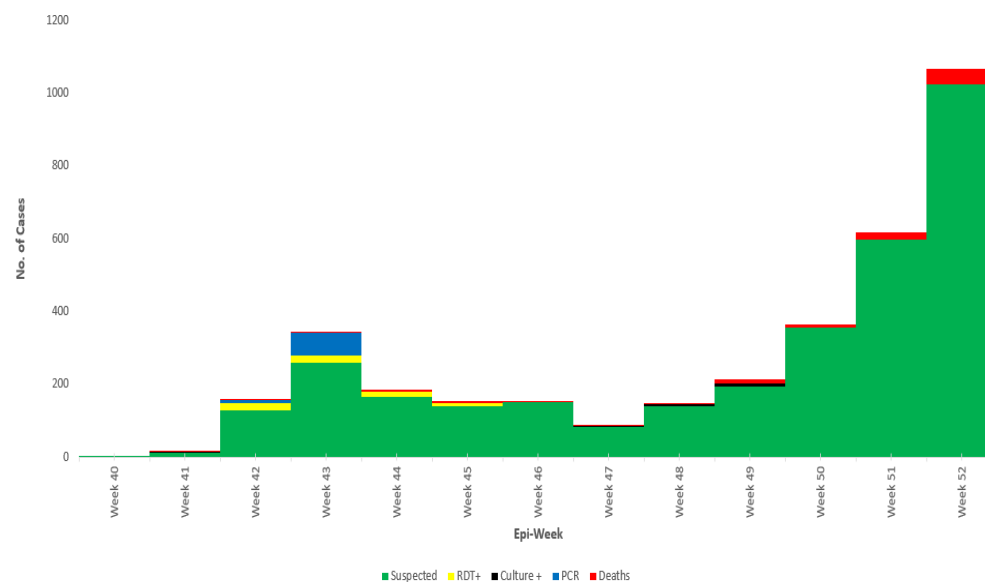
Province	Culture-Positive	PCR-Positive
Lusaka	118	153
Eastern	10	0
Central	6	0
Northern	2	0
Southern	4	0
Copperbelt	1	0
Total	137	153



Most Affected Areas

- All the sub-districts in Lusaka District, especially the peri-urban.
- Fishing areas in Luangwa District
- Sewage compound in Chongwe District using water from the wells.
- Lusaka District is one of the 20 cholera hotspots in Zambia. In 2022, the district conducted a successful Oral Cholera Vaccination campaign in some wards.
- Vubwi recently received a reactive OCV campaign early this year (2023)
- Mpulungu received reactive OCV in 2023 and the district is a hot spot. Fishing areas have a higher risk. New cases currently being reported from Kapembwa RHC

Cases of Cholera By Epi Week from Week 40 to Week 52, Lusaka Province





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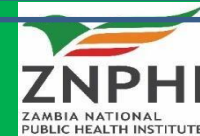
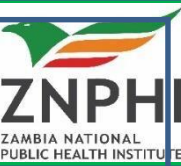


Table 1. Summary of Cholera Cases by District in Lusaka, Eastern, Central, Northern, Southern, Copperbelt and N-Western Provinces.

Province	District	Reporting	Population	Last 24 hours				Cumulatively				
				New Cases	New Deaths	Discharges	Currently in Adm	Cholera Cases	Cum. Discharges	Deaths	CFR (%)	AR /100,000
Lusaka	Lusaka	Chilenje sub-district	481846	9	0	10	11	380	367	2	0.5	78.9
		Kanyama sub-district	525902	103	4	45	123	1039	689	40	3.8	197.6
		Chawama sub-district	454516	14	0	17	21	257	238	13	5.1	56.5
		Matero sub-district	510187	124	8	71	171	1107	705	51	4.6	217.0
		Chelstone sub-district	549867	44	4	27	31	528	422	8	1.5	96.0
		Chipata sub-district	472646	7	2	7	27	282	237	13	4.6	59.7
		LMUTH		0	1	41	120	3	297	7	-	-
	Sub-total		2,248,143	301	19	218	504	3596	2955	134	3.7	160.0
	Chongwe		335,012	6	1	5	7	110	96	7	6.4	32.8
	Chilanga		239,692	13	0	12	18	161	142	1	0.6	67.2
Luangwa		37,119	0	0	0	0	127	123	4	3.1	342.1	
Kafue		230,772	2	1	0	1	2	0	1	50.0	0.9	
	Total		3,175,740	322	21	235	530	3996	3316	147	3.7	125.8
Eastern	Vubwi		53875	0	0	0	0	3	3	0	0.0	5.6
	Petauke		267943	0	0	0	1	10	9	1	10.0	3.7
	Chadiza		116,511	1	0	1	1	4	3	0	0.0	3.4
	Lumezi		166,124	0	0	0	0	1	1	0	0.0	0.6
	Chipata		336,217	1	0	0	2	3	0	0	0.0	0.9
	Nyimba		141,686	0	0	0	1	1	0	0	0.0	0.7
	Chama		143,834	1	0	0	1	1	0	0	0.0	0.7
Total			2,532,849	3	0	1	6	23	16	1	4.3	0.9
Northern	Mpulungu		159,397	0	0	1	0	13	13	0	0.0	8.2
	Total		1,671,608	0	0	1	1	13	13	0	0.0	0.8
Central	Mumbwa		350,822	3	0	0	10	17	7	0	0.0	4.8
	Kapiri Mposhi		385,910	0	0	1	1	3	2	0	0.0	0.8
	Kabwe		309,078	0	0	0	0	6	6	0	0.0	1.9
	Chobombo		448,279	0	0	0	0	7	7	0	0.0	1.6
	Shibuyungi		95,920	1	0	0	2	2	0	0	0.0	2.1
	Mkushi		217,189	1	0	0	1	1	0	0	0.0	0.5
	Chisamba		166,777	4	0	0	4	4	0	0	0.0	2.4
Total			2,359,786	9	0	1	18	40	22	0	0.0	1.7
Southern	Monze		275,947	0	0	0	2	5	3	0	0.0	1.8
	Sinazongwe		165,097	0	0	0	1	4	3	0	0.0	2.4
	Choma		275,727	0	0	1	0	1	1	0	0.0	0.4
	Mazabuka		238,076	1	0	0	4	4	0	0	0.0	1.7
	Gwembe		84,756	1	0	2	1	4	2	1	25.0	4.7
Total			2,464,332	2	0	3	8	18	9	1	5.6	0.7
Copperbelt	Ndola	Travel Hx - Lusaka, Zimbabwe	641,443	0	0	0	2	2	0	0	0.0	0.3
	Mufurila	No Hx of travel	203,585	0	0	0	1	1	0	0	0.0	0.5
	Chilabombwe	Travel Hx - Lusaka	147,149	1	0	0	1	1	0	0	0.0	0.7
	Total		2,836,746	1	0	0	4	4	0	0	0.0	0.1
N-Western	Chavuma		57,048	3	0	0	3	3	0	1	33.3	5.3
	Total		1,335,306	3	0	0	3	3	0	1	33.3	0.2
For the 25 Districts			7,938,182	340	21	241	569	4,097	3,376	150	3.7	51.61
GRAND TOTAL			20309547	340	21	241	569	4,097	3,376	150	3.7	20.17



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Key Priority Activities

1. The vice president is visiting Kanyama Level One Hospital today (29/12/2023) and inspect mounting of tanks in the community.
2. Daily cholera response coordination meetings at DMMU has continued.
3. The mayor has directed the local council to bury wells.
4. A total of 214 cholera beds were delivered.
5. Assessment of heroes' stadium for use as a CTC was conducted today (04/01/24).
6. 45 vehicles have been mobilized by DMMU support the cholera response.
7. Training of 600 CBVs under the district commissioner's office in Lusaka district.
8. Two (2) minibuses have been provided by Lusaka School of Nursing and Midwifery Council of Zambia for the response.
9. As of 03/01/24, 38 water bowsers were installed in Kanyama sub-district. In matero, points where to mount the tanks have been identified.
10. 5 vehicles mounted with PA system from DMMU have given to PHO to conducted sensitization.
11. The coordination leadership of the District Commissioner, Provincial Health Director, Town clerk, and District Health Director visited Ngwerere CTC to allay some rumours after some false alerts of mortalities being recorded at the CTC.
12. Three vehicles have been donated to Lusaka PHO by JSI-discover Health to beef up the transport situation in the sub-districts.
13. Enhanced water, sanitation, and hygiene interventions including chlorine distribution, and water quality monitoring, disinfection, and inspections.
14. Heightened Surveillance in all provinces to enhance early detection and response to cases.
15. Enhanced Risk communication and community engagement activities (door-to-door sensitization, radio shows, TV updates and interviews etc.)
16. Continued receiving support from Partners Like WHO, Red Cross, CDC, JICA, UNICEF, World Bank, UKHSA, CRS, UNHCR, World Vision, John Snow Health Ox-fam and serve the children in different response pillars of the outbreak.
17. Application for OVC doses for a reactive vaccination response was sent to ICG.

Operational Response Gaps

1. Poor sanitation coverage in the affected areas.
2. Transmission of cases outside of Lusaka causing exacerbation of the outbreak
3. Challenge of following cholera cases and implementation of cholera interventions across international borders in Luangwa and Petauke District.

Recommendations

1. Need to engage the whole of society, with improved risk communication and community engagement in this fight against cholera
2. Urgent need to actualize a larger cholera treatment center at Hero's Stadium with additional human resources and commodities.
3. Scale up the provision of safe water in the affected communities, with ongoing water quality monitoring
4. Continue engagement with other line ministries and partners to support the responses
5. Prepositioning of commodities for surrounding districts.

Vice president visiting Kanyama CTC and Garden to support the cholera response



Multi-sectoral cholera response in Lusaka District



Checking for chlorine residual in the installed tanks



Flooding in Garden park

