



# Zambia Cholera Outbreak | Situation as of 2<sup>nd</sup> January 2024



**National | Number of Districts with Outbreaks – 21, Lusaka (Four), Eastern (Six) Central (Five) Northern (One) Southern (Five)**

**As at 18 hours 02 January 2024 | Cumulative cases: 3,757 | Cumulative Deaths: 128 | CFR: 3.4% | Past 24hours | Currently admitted in CTCs: 521 | Discharged: 190 | New Cases: 257 | Deaths: 16**

**Risk Level: High: Grade 3 Event, Sitrep No. 02**

## 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.

### 21 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.

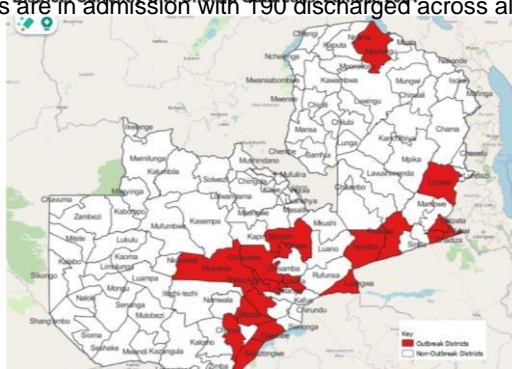
Petauke reported two suspected cases of cholera on 14/12/2023 and both culture-positive. Mumbwa and Kapiri Mposhi has one culture-positive each. Mpulungu, has two culture-confirmed as of 21/12/2023.

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 257 cases. A total of sixteen (16) deaths were recorded, 15 from Lusaka's Kanyama (2 facility death and 3 BIDs), Matero (3 BIDs, 6 facility deaths), Chawama (1 BID) and Gwembe (1). 455 cases are in admission with 190 discharged across all CTCs.

Districts Currently with Cholera Outbreaks, Zambia, 2024



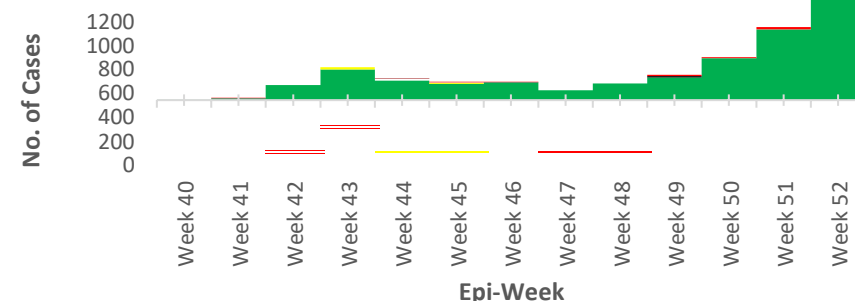
## Results

Province	Culture-Positive	PCR-Positive
Lusaka	102	153
Eastern	10	0
Central	6	0
Northern	2	0
Southern	4	0
Copperbelt	1	0
<b>Total</b>	<b>121</b>	<b>153</b>

## Most Affected Areas

- 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.
- 21 districts currently have cases, 18 of which were on the original hotspot mapping list of 2021 showing the risk of additional spread to these areas if Lusaka outbreak not quelled
- Fishing areas in Luangwa and Mpulungu districts
- Chongwe District using water from the wells.
- Mpulungu and 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 are currently being reported from Kapembwa RHC.

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



Province	EPI-WEEK 51		EPI-WEEK 52		PERCENTAGE (%) CHANGE DURING THE PERIOD	
	New cholera cases	No. of cholera deaths	Total cholera cases	No. of cholera deaths	New cholera cases	Cholera deaths
Lusaka	598	16	1024	44	71.2% ↑	175% ↑

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**Table 1. Summary of Cholera Cases by District in Lusaka, Eastern, Central and Northern 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	6	0	3	22	371	357	2	0.5	77.0
		Kanyama sub-district	525902	78	5	35	110	936	644	36	3.8	178.0
		Chawama sub-district	454516	15	1	11	24	243	218	13	5.3	53.5
		Matero sub-district	510187	91	9	64	142	983	655	43	4.4	192.7
		Chelstone sub-district	549867	28	0	20	20	484	395	4	0.8	88.0
		Chipata sub-district	472646	16	0	9	23	275	236	11	4.0	58.2
		LMUTH		0	0	28	66	3	236	6	200.0	#DIV/0!
	Sub-total	2994964	234	15	170	407	3295	2741	115	3.5	110.0	
	Chongwe	335013	2	0	4	5	104	93	6	5.8	31.0	
	Chilanga	239694	12	0	9	17	148	130	1	0.7	61.7	
Luangwa	371119	0	0	0	0	127	123	4	3.1	342.1		
	<b>Total</b>	<b>3,606,790</b>	<b>248</b>	<b>15</b>	<b>183</b>	<b>429</b>	<b>3674</b>	<b>3087</b>	<b>126</b>	<b>3.4</b>	<b>101.9</b>	
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	0	0	1	0	3	3	0	0.0	2.6	
	Lumezi	166,124	0	0	0	0	1	1	0	0.0	0.6	
	Chipata	336,217	0	0	0	1	1	0	0	0.0	0.3	
	Nyimba	141,686	1	0	0	1	1	0	0	0.0	0.7	
	<b>Total</b>	<b>2,532,849</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>19</b>	<b>16</b>	<b>1</b>	<b>5.3</b>	<b>0.8</b>	
Northern	Mpulungu	159,397	0	0	1	0	13	13	0	0.0	8.2	
	<b>Total</b>	<b>1,671,608</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>13</b>	<b>13</b>	<b>0</b>	<b>0.0</b>	<b>0.8</b>	
Central	Mumbwa	350,822	1	0	0	7	14	7	0	0.0	4.0	
	Kapiri Mposhi	385,910	1	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	0	0	0	1	1	0	0	0.0	1.0	
	<b>Total</b>	<b>2,359,786</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>31</b>	<b>22</b>	<b>0</b>	<b>0.0</b>	<b>1.3</b>	
Southern	Monze	275,947	1	0	1	3	5	2	0	0.0	1.8	
	Sinazongwe	165,097	0	0	3	4	4	0	0	0.0	2.4	
	Choma	275,727	0	0	0	1	1	0	0	0.0	0.4	
	Mazabuka	238,076	1	0	0	2	2	0	0	0.0	0.8	
	Gwembe	84,756	3	1	0	2	3	0	1	33.3	3.5	
	<b>Total</b>	<b>2,464,332</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>12</b>	<b>15</b>	<b>2</b>	<b>1</b>	<b>6.7</b>	<b>0.6</b>	
Copperbelt	Ndola	Travel Hx - Lusaka, Zimbabwe	641,443	0	0	0	2	2	0	0.0	0.3	
Copperbelt	Mufurila	No Hx of travel	203,585	1	0	0	1	1	0	0.0	0.5	
	<b>Total</b>	<b>2,836,746</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	
<b>For the 21 Districts</b>			<b>6,298,685</b>	<b>257</b>	<b>16</b>	<b>190</b>	<b>455</b>	<b>3,754</b>	<b>3,140</b>	<b>128</b>	<b>3.4</b>	<b>59.60</b>
<b>GRAND TOTAL</b>			<b>20309547</b>	<b>257</b>	<b>16</b>	<b>190</b>	<b>455</b>	<b>3,754</b>	<b>3,140</b>	<b>128</b>	<b>3.4</b>	<b>18.48</b>



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## Key Priority Activities

- Highest level of government response has been activated and coordinated by the Disaster Management and Mitigation Unit under the office of the Vice Preside
- National Disaster Management Technical Committee Meetings on going
- 27 vehicles received from line ministries to support the response
- Heightened community-based surveillance including other ministries
- 48 water tanks mounted by LSWC and clean water being mounted in Kanyama
- 108 additional tanks to be mounted across the city
- 2000 pit latrines targeted for emptying by LSCW
- Lusaka City Council preparing for the cleanup campaign of the city
- Flooded areas in Matero and Garden Park to be pumped out
- Water Quality Monitoring via FRC ongoing
- Liquid Chlorine distribution ongoing
- Plans to operationalize Hero's Stadium for an additional 600 beds
- 53 Oral rehydration points active – to escalate to 240 across the city

## Operational Response Gaps

1. Transmission of cases to districts outside of Lusaka, spreading the outbreak.
2. Erratic supply of water in areas in the community leading to the use of untreated shallow wells and boreholes
3. Endemic nature of cholera in localities with low access to safe water

## 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.
6. Need to actualize the Multisectoral Cholera Elimination Plan for long-term lasting solutions to this scourge.

Vice president visiting Kanyama CTC and Garden to support the cholera



Multi-sectoral cholera response in Lusaka District



Checking for chlorine residual in the installed tanks



Flooding in Garden park

