



GLOBAL TASK FORCE ON CHOLERA CONTROL

Surveillance Working Group

Africa Regional Situation Updates on Cholera



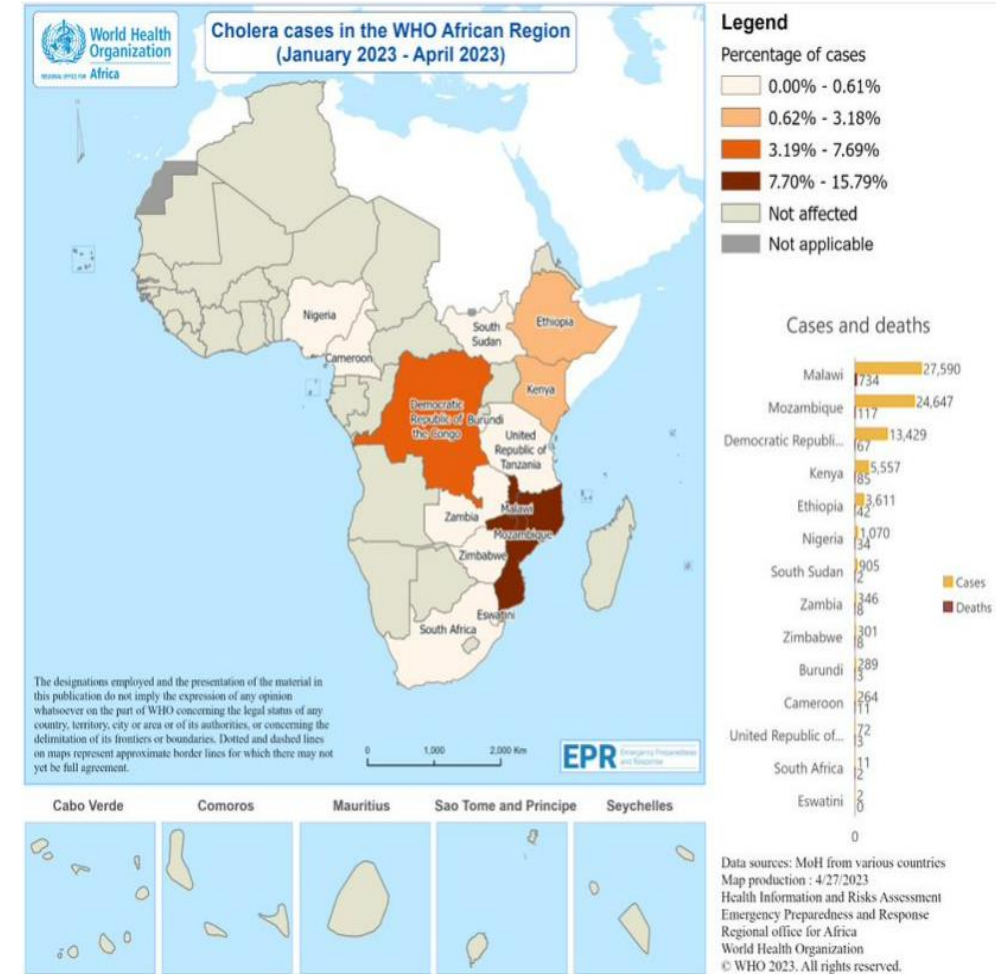
Felix Sanni
WHO AFRO

EPR Emergency Preparedness
and Response

**WHO Regional Office for
Africa**

Cholera in Africa-1

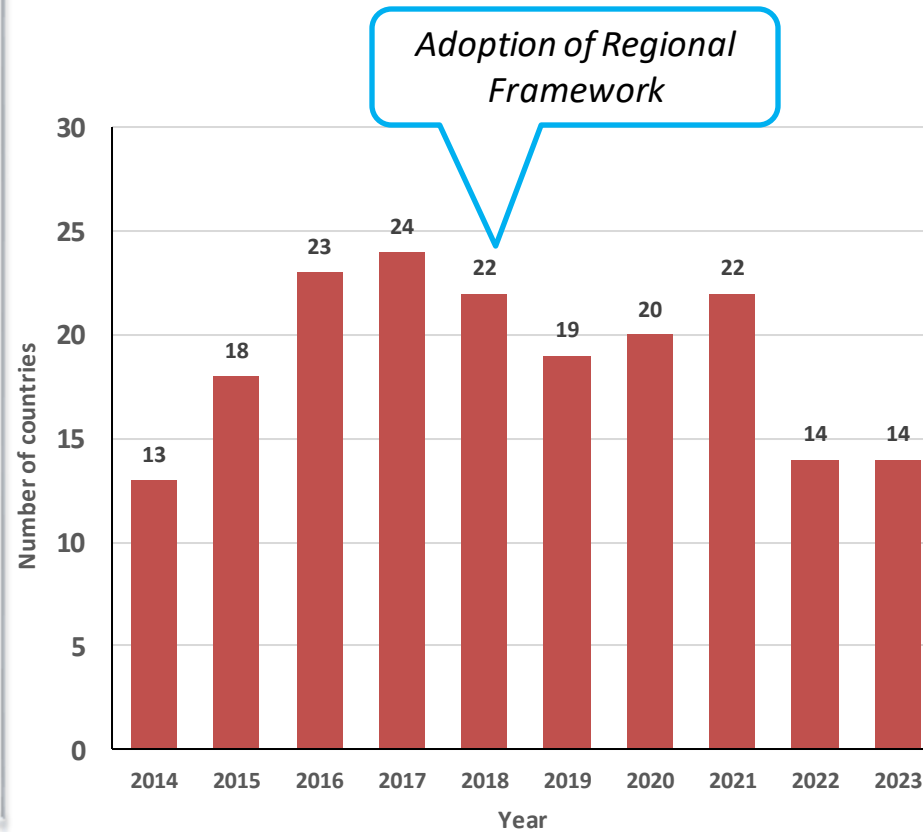
- Cholera is happening in the context of:
 - **Natural disasters-Cyclones** (Mozambique, Malawi), **flooding** (Nigeria, Malawi), and **drought** (Kenya, Ethiopia and Somalia)
 - **Conflict** (Cameroon, DRC, Nigeria, Ethiopia and Somalia)
 - **Multiple other disease outbreaks** including Mpox, Wild and Vaccine Derived Polio, Measles, COVID-19 pandemic, etc.
 - Limited and **strained resources**
 - **Shortage of medical commodities** including cholera kits and Oral Cholera Vaccine (OCV)
 - **Poor sanitation** and unreliable water supplies
 - Increased **cross-border movements**



Number of Countries with Ongoing Cholera Outbreaks in AFRO Region, 2014 - 2023

17 May 2023

- On average, 12 African countries report cholera cases annually.
- In 2018 African Member States adopted the Regional Framework for the Implementation of the Global Strategy for Cholera Prevention and Control 2018 – 2030
 - Defines clear milestones for cholera elimination in the Region.
- With the current trend of Cholera outbreaks, we are still off-track to achieve the call of the Global Roadmap to 2030 of Ending Cholera in Africa.



Top 20 Most Endemic Countries for Cholera Outbreaks in AFRO Region

	Country
1	Nigeria
2	Zimbabwe
3	Burundi
4	Cameroon
5	Democratic Republic of the Congo
6	Kenya
7	Mozambique
8	Niger
9	United Republic of Tanzania
10	Ethiopia
11	Ghana
12	Uganda
13	Zambia
14	Congo
15	Malawi
16	Togo
17	Angola
18	Benin
19	Central African Republic
20	Chad

Cholera Cases and Deaths AFRO, January 2022 – 28 April 2023

17 May 2023

Country	Cumulative Cases	Cumulative Deaths	CFR (%)	Total Cases in 2023	Total Deaths in 2023	2023 CFR (%)	Data Start Date	Last update
Burundi	332	3	0.9	300	3	1.0	Jan 2023	4/26/2023
Cameroon	15394	312	2.0	264	11	4.2	Oct 2021	4/11/2023
DRC	31823	353	1.1	13429	67	0.5	Jan 2022	4/3/2023
Eswatini	2	0	0.0	2	0	0.0	Aug 2022	4/5/2023
Ethiopia	4731	73	1.5	3611	42	1.2	Mar 2023	4/14/2023
Kenya	9313	151	1.6	5796	86	1.5	Oct 2022	4/26/2023
Malawi	58238	1746	3.0	28082	742	2.6	Mar 2022	4/25/2023
Mozambique	28410	127	0.5	24647	117	0.5	Sep 2022	4/11/2023
Nigeria	24831	624	2.5	1070	34	3.2	Jan 2022	4/11/2023
South Africa	11	1	9.1	11	2	18.2	Jan 2023	3/27/2023
South Sudan	980	2	0.2	905	2	0.2	Feb 2023	4/14/2023
Tanzania	82	3	3.7	82	3	3.7	Feb 2023	4/26/2023
Zambia	386	8	2.1	351	8	2.3	Feb 2023	4/26/2023
Zimbabwe	536	15	2.8	301	8	2.7		3/27/2023
	175069	3418	2.0	78851	1125	1.4		

- Africa witnessed an exponential rise in cholera cases in 2023
- From 2014 to 2021, the Region accounted for 21% of cholera cases and 80% of deaths reported globally
- In January 2023, new cases rose by almost 30% of the total cases in 2022
- Cumulative number of cholera cases has risen to around 60% of the total number of cases recorded in 2021.

Cholera Surveillance in AFRO Region

- Cholera surveillance in Africa varies by country, but generally involves a **combination of active and passive surveillance methods**.
- **Surveillance - Communities, health facilities, and event-based.**
- Continuous capacity building of staff on cholera surveillance
- Rapid response teams established in countries to investigate cases and conduct contact tracing activities.
- Surveillance officers and data analysts deployed in high-burden countries to improve reporting and data quality.
- Surveillance tools disseminated, including Weekly Aggregate Reporting Tool and line-listing form.
- WHO supports countries to strengthen cross-border surveillance.

Introduction







Objective: This tool was developed by WHO AFRO to assist those in the field in the collection, reporting, analysis and interpretation of data during a Cholera outbreak. This is essential information in order to monitor the outbreak, and choose appropriate response interventions.

Overview: This tool consists of a number of linked sheets, explained in more detail below. Every effort should be made to obtain disaggregated data, the recommended variables to be collected are in the line list tab however these can be modified as required.

Navigation: The navigation panel contains shortcuts to all the sheets in the tool, including data entry and data visualisation. The first information that needs to be completed is the population figures in the Settings lists sheet. The health facilities should be listed in this sheet which enables population of location dropdown menus and automatic calculation of key analyses from the population figures entered.

Population Figures: This should be completed using administrative data. If the population figures are unknown initially please still enter the names of regions and districts affected to enable dropdown menus to be populated to ease data entry. Entering these population figures enables automatic calculation of key analyses.

Data entry: Data must be entered directly into the linelist (Linelist sheet) which is also accessible using the tabs in the Navigation panel.

Data analysis & visualisation: To visualise your data by time, place and person please click on Distributions over time, Age and Sex Distribution and Clinical Information sheets accordingly. Once data is entered click Data > Refresh for graphs and analysis to be updated. These can then be copied and pasted directly into your sitrep. Please update graph titles with relevance to your outbreak.

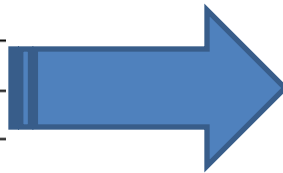
Help required: Please contact afrooutbreak@who.int if any assistance is required or you have any feedback to give. Feedback is very welcome.

Disclaimer: This product is in development, therefore please do not circulate beyond those it was originally sent to and those working on the current outbreak. Thank you for your understanding.

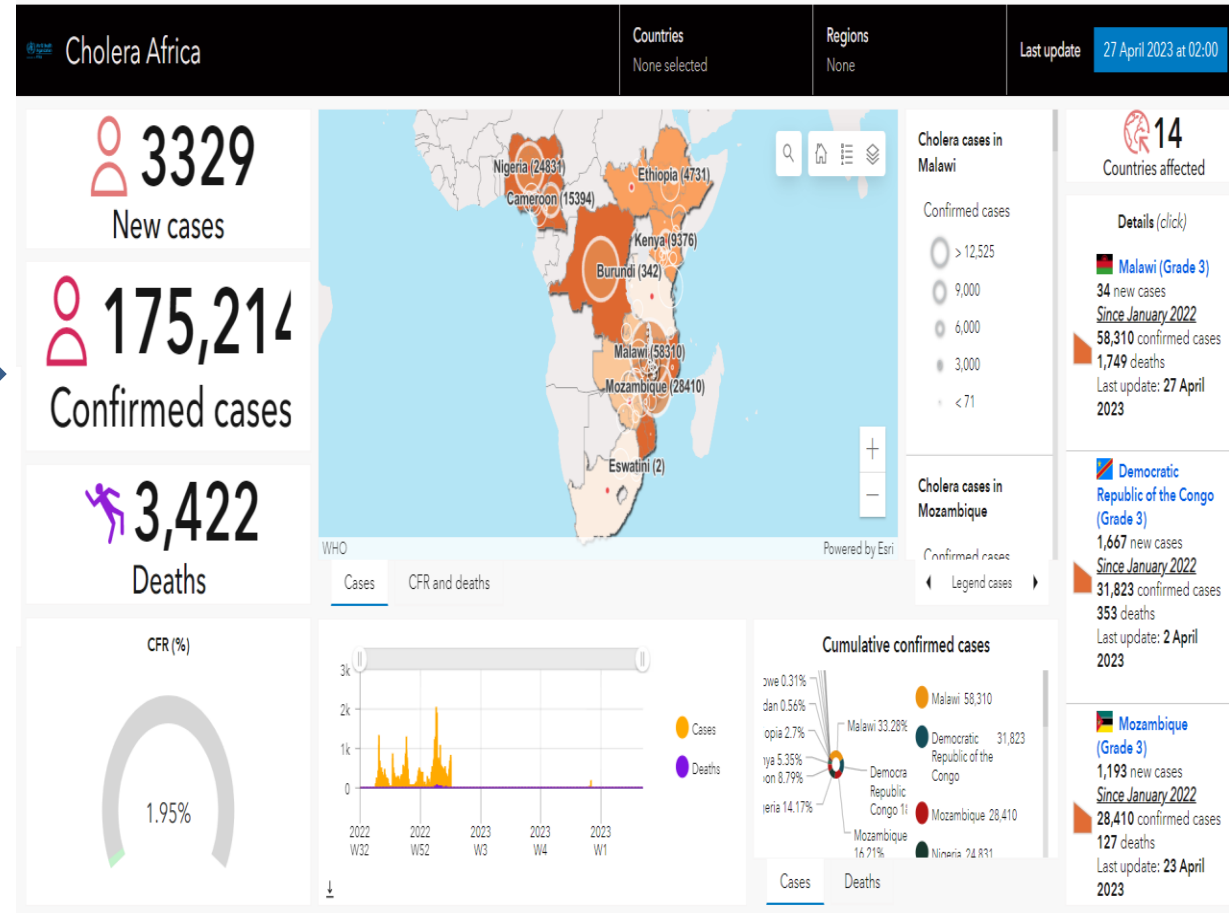
Outcomes Dissemination

Sitreps

Country	ISO3	Hazard	Grade	New cases	Last update	Total cases	Confirmed cases	Deaths
Burundi	BDI	Cholera	Grade 3	6	5/1/2023	361	361	3
Cameroon	CMR	Cholera	Grade 3	380	4/30/2023	16034	16034	343
DRC	COD	Cholera	Grade 3	1197	4/16/2023	33020	33020	365
Eswatini	SWZ	Cholera	Grade 3	1	4/18/2023	2	2	0
Ethiopia	ETH	Cholera	Grade 3	273	4/24/2023	4731	4731	73
Kenya	KEN	Cholera	Grade 3	63	4/26/2023	9376	9376	152
Malawi	MWI	Cholera	Grade 3	34	4/27/2023	58310	58310	1749
Mozambique	MOZ	Cholera	Grade 3	1193	4/23/2023	28410	28410	127
Nigeria	NGA	Cholera	Grade 3	17	3/24/2023	24831	24831	624
South Africa	ZAF	Cholera	Grade 3	0	4/20/2023	11	11	1
South Sudan	SSD	Cholera	Grade 3	22	4/14/2023	980	980	2
United Republic of Tanzania	TZA	Cholera	Grade 3	3	4/22/2023	82	82	3
Zambia	ZMB	Cholera	Grade 3	5	4/24/2023	386	386	8
Zimbabwe	ZWE	Cholera	Grade 3	11	4/23/2023	536	536	15



<https://tinyurl.com/cholera-africa>

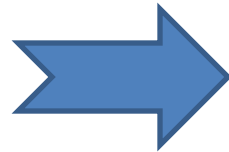


Outcomes Dissemination

- Daily cholera updates
- Weekly regional updates
- Weekly bulleting
- Weekly media talking points

<https://tinyurl.com/afrobulletin> (subscribe to weekly updates)




epiwe	reg_da	ye	month	country	code	case	death	cumulative	aths_cumu	region	week																
2	1	2023-01-03	2023	January	Burundi	B01	4	0	32	0	East Africa	2023 W1															
3	1	2023-01-04	2023	January	Burundi	B01	5	0	37	0	East Africa	2023 W1															
4	1	2023-01-05	2023	January	Burundi	B01	1	0	38	0	East Africa	2023 W1															
5	1	2023-01-06	2023	January	Burundi	B01	6	0	44	0	East Africa	2023 W1															
6	1	2023-01-07	2023	January	Burundi	B01	5	0	49	0	East Africa	2023 W1															
7	1	2023-01-08	2023	January	Burundi	B01	2	1	51	1	East Africa	2023 W1															
8	2	2023-01-09	2023	January	Burundi	B01	6	0	57	1	East Africa	2023 W2															
9	2	2023-01-10	2023	January	Burundi	B01	3	0	60	1	East Africa	2023 W2															
0	2	2023-01-11	2023	January	Burundi	B01	7	0	67	1	East Africa	2023 W2															
1	2	2023-01-12	2023	January	Burundi	B01	2	0	69	1	East Africa	2023 W2															
2	2	2023-01-13	2023	January	Burundi	B01	2	0	71	1	East Africa	2023 W2															
3	2	2023-01-15	2023	January	Burundi	B01	4	0	75	1	East Africa	2023 W2															
4	3	2023-01-16	2023	January	Burundi	B01	4	0	79	1	East Africa	2023 W3															
5	3	2023-01-17	2023	January	Burundi	B01	1	0	80	1	East Africa	2023 W3															
6	3	2023-01-18	2023	January	Burundi	B01	3	0	83	1	East Africa	2023 W3															
7	3	2023-01-20	2023	January	Burundi	B01	3	0	86	1	East Africa	2023 W3															
8	3	2023-01-22	2023	January	Burundi	B01	3	0	89	1	East Africa	2023 W3															
9	4	2023-01-23	2023	January	Burundi	B01	2	0	91	1	East Africa	2023 W4															
0	4	2023-01-24	2023	January	Burundi	B01	6	0	97	1	East Africa	2023 W4															
1	4	2023-01-25	2023	January	Burundi	B01	2	0	99	1	East Africa	2023 W4															
2	4	2023-01-26	2023	January	Burundi	B01	1	0	100	1	East Africa	2023 W4															
3	4	2023-01-27	2023	January	Burundi	B01	3	0	103	1	East Africa	2023 W4															
4	4	2023-01-28	2023	January	Burundi	B01	2	0	105	1	East Africa	2023 W4															
5	5	2023-01-30	2023	January	Burundi	B01	7	0	112	1	East Africa	2023 W5															
6	5	2023-01-31	2023	January	Burundi	B01	3	0	115	1	East Africa	2023 W5															
7	5	2023-02-01	2023	February	Burundi	B01	3	0	118	1	East Africa	2023 W5															
8	5	2023-02-02	2023	February	Burundi	B01	0	0	118	1	East Africa	2023 W5															
9	5	2023-02-05	2023	February	Burundi	B01	0	0	118	1	East Africa	2023 W5															
<table border="1"> <thead> <tr> <th>Data</th> <th>2023 cases</th> <th>2023 deaths</th> <th>All weeks</th> <th>Epi-curve</th> <th>Cumulative</th> <th>CFR</th> <th>Daily Updates</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Data	2023 cases	2023 deaths	All weeks	Epi-curve	Cumulative	CFR	Daily Updates								
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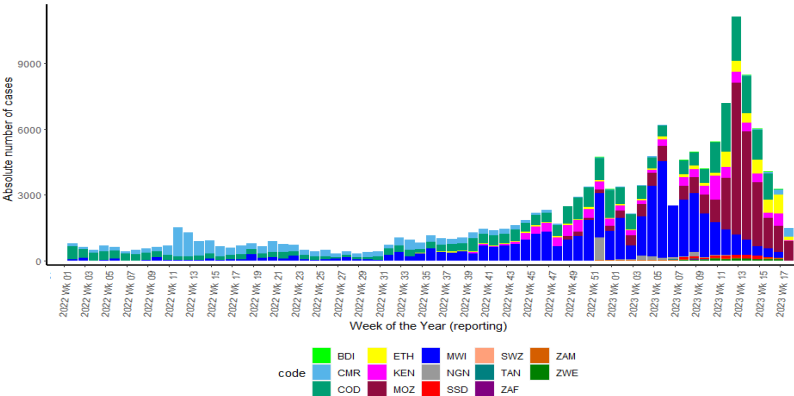
Cholera in the WHO African Region

Weekly Regional Cholera Bulletin: 8 March 2023

Data reported: as of 7 March 2023

Regional Cholera Situation Update May 01, 2023 – Epi week 17



Other Partners

- **AFRO is working closely with other stakeholders and partners in the prevention, detection, and response to cholera outbreaks in the region:**
 - **District/Local traditional Leaders**
 - **Village Health Committees (VHC)**
 - **Frontline Health and Extension Workers**
 - **Ministry of Health (MoH)**
 - **Other partners: UNICEF, Africa CDC, USAID**



Key challenges-Cholera

- Delayed data sharing-insufficient information
- Weak surveillance system
- Sub-optimal Cross-border surveillance engagements and porous borders.
- Competing priorities (conflict, floods, drought, other disease outbreaks, etc.)
- Limited resources, both financial and human
- Inadequate staff training
- Limited WASH, access to latrines, potable water and in some cases, health services
- Unprecedented outbreak resulting in overwhelmed healthcare systems
- Environmental issues impacting access to safe water sources



Next steps

- Enhance surveillance efforts across all affected areas
- Continue resource mobilization for cholera strategic readiness and response
- Maintain regular coordination and operational meetings for strategic planning with affected countries
- Continue to strengthen cross-border collaboration on cholera surveillance
- Intensify risk communication and community engagement through various media channels and local leaders.
- Ensure activation of national cholera task forces in impacted countries
- Provide WHO support with lab commodities to affected regions
- Conduct training in case management for cholera outbreaks
- Deploy technical teams of experts to support response efforts in affected countries
- Continue to provide technical support on vaccination strategies for reactive OCV campaigns

Thank you



World Health
Organization

African Region

