



Highlight

- 3Ethiopia is on ongoing cholera outbreak in **88 woredas** [Oromia (26), Ser(13), Cer(3), Sidama (12), Amhara (12), Afar (7), B.Gunuz(3), Dire Dawa(8), Harari(2), Somali(2)]. **Among 88 active woredas (zero case report within 42 days), 15 are actively reported in last 7 days, 30 woredas reporting zero case for 8-21 days and 43 are reporting zero case for more than 21 days.**
- **268** cases were lately reported in the last 3 days. Among these, **01** cases are newly seen at HFs and **01** cases are in date of onset in after October 15, 2023
- Among cholera patients, 15-34 and 5-14 age groups accounted 42% and 20% respectively.
- Current inpatients in the CTC = 119(Oromia = 87, DD = 10, Somali =4, CER = 17, Harari = 1)
- From Amhara (4167 cases and 77 deaths by line list and phone text), non line listed additional 237 cases and deaths of 10 were reported in phone text.
- Since august 27, 2022, a total of **25,116 (851 were in 2022)** from **228** woredas have affected woredas (Oromia(91), Ser(35), Cer(19), Amhara(31), Sidama(23), D.Dawa(9), Somali(8), Afar(10), B.Gumuz(3), Harari(3). The difference of affected woredas from formers is due to cleaned data. The Index case was from Harana Buluk, August 27, 2022 & this outbreak was confirmed (4 from 5 were culture positive) on Sep 9, 2022. **Kumer refuge camp** reported 453 cases with 8 deaths and 279 cases from different IDP.
- **The outbreak is controlled in 142 woredas** in Oromia (65), Amhara(19), Somali (6), Ser(22), Cer(16), Sidama(10), Dire Dawa(1), BG(0) and Harari(1)(See the map), but they are at high risk due to being adjacent.

Cholera Epidemiology since January 1/2023

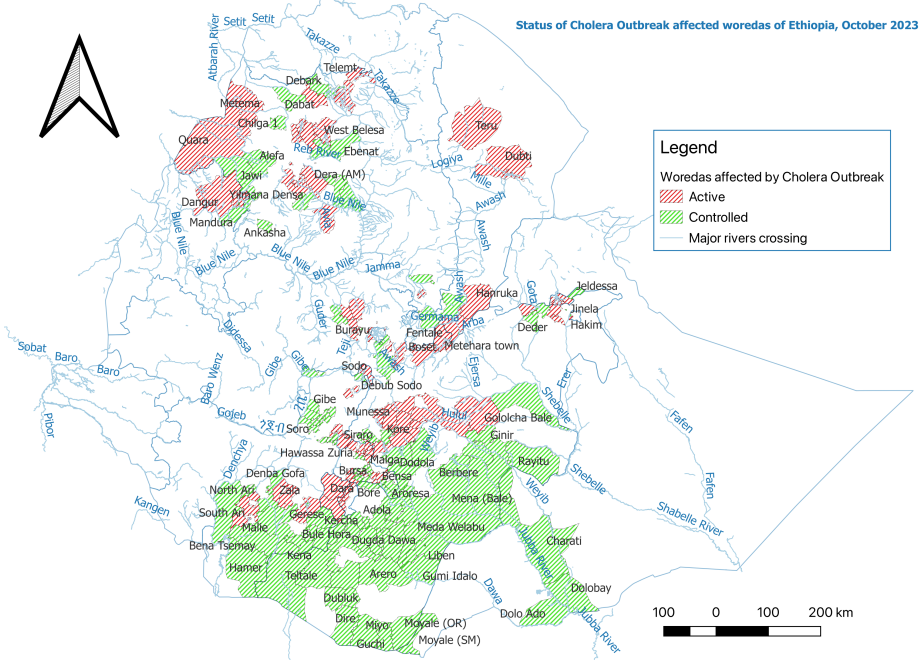
Region	Affected Zone(#)	Affected woreda/#	Active Woreda(#)	Controlled Woreda(#)	Total active Kebele(#)	Case (#)	Death (#)	CFR (%)
Oromia	14	91	26	65	215	8863	101	1.14
SER	10	35	13	22	131	6689	77	1.15
Amhara	12	31	12	19	5	3981	68	1.71
Somali	5	6	2	4	13	1438	26	1.81
Sidama	1	23	12	11	65	1294	12	0.93
Afar	3	10	7	3	112	913	9	0.99
CER	5	19	3	16	8	724	15	2.07
Dire Dawa	1	9	8	1	0	441	4	0.91
B/Gumuz	1	3	3	0	7	172	9	5.23
Harari	1	3	2	1	6	22		
Total	53	230	88	142	562	24537	321	1.31

Cholera treatment facilities

Region	Satndard CTC/#	CTC/#	CTU/#	ORP/#	Total
National	11	188	108	506	813

Highlight

- **More than 1.5M OCV doses request has approved from ICG and importation is On October 20, 2023. Pre-campaign activities started.**
- OCV campaign started in 9 woredas, Amhara at Sep 16, 2023 and it is in good performance. Campaign launching was held at Sep 16 at Bahir Dar city. **1,859,555 (99.55%)** targeted pop were vaccinated in 9 woredas. Among these vaccinated, **8,098** in Kumer refuge camp.
- **In four round of ICG support (6,145,278)**, 6,136,920 targeted population were vaccinated in **54 woredas** of Somali, SNNP, Sidama, Oromia and Amhara (**ongoing**)
- Cholera unit PHEOC identified gaps on cholera outbreak preparedness in national PHEOC collaborative supportive supervision, May 23-24, 2023 with IM presence, Tigray.
- Third round cross-border/IGAD coordination meeting was conducted
- **Current water supply coverage of cholera outbreak affected woredas in affected regions is low.** Cumulative 124 water samples are tested by EPHI/UNICEF. Six EMWAT kits were installed on prioritized cholera affected woredas (WaSH cluster). **Cholera outbreak affected woredas, zones, and regions are under strong follow up with strong active case searching, collaboration, distributing daily cholera SITREPs.**
- **Somali region turned to cholera outbreak in two zones (Jigjiga & Erer) after 11 weeks**





# Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

Cumulative cholera case (#)  
since August 27, 2022

25,384

Cumulative cholera case (#)  
since January 1, 2023

24,537

Cumulative severe dehydration  
patients (#), Since Jan 2023

12,678

Cumulative cholera patient  
died (#), Since Aug 27, 2022

348

Cumulative cholera  
CFR (%), Since Aug  
27, 2022

1.37

Cholera cases (#) of  
week 42 (2023)

16

Total cholera affected  
woredas/#

230

Cholera epidemic (#)  
active woredas

88

Cumulative cholera (#) in  
cholera epidemic active  
woredas

11054

Cumulative cholera patient  
died (#) in woredas with  
ongoing outbreak

161

AR/100,000 in active  
woredas

102.7

CFR (%) in cholera  
active woredas

1.46

Epi-curve of cholera outbreak, Ethiopia, since January 1, 2023

Region ● Afar ● Amhara ● B/Gumuz ● CER ● Dire Dawa ● Harari ● Oromia ● SER ● Sidama ● Somali

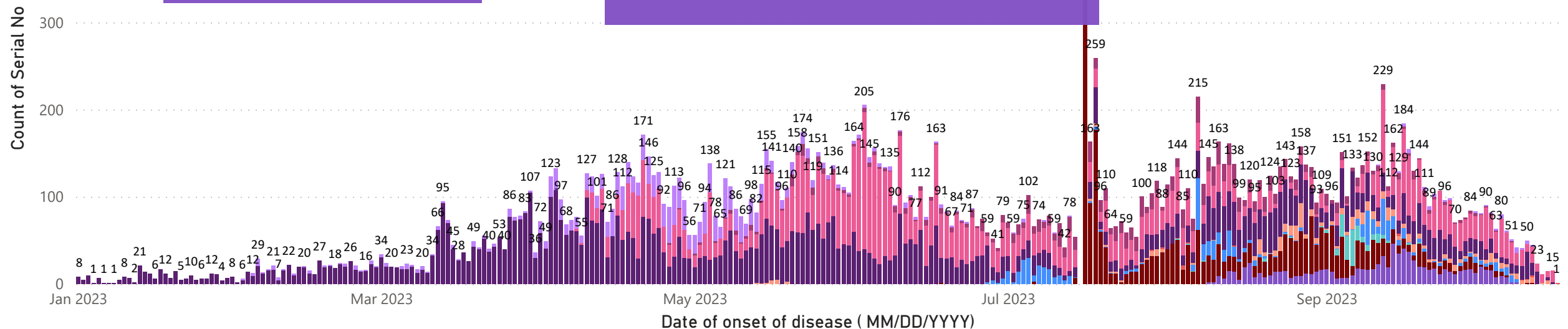
n=  
24537

Index case reported on  
Aug 27, 2022

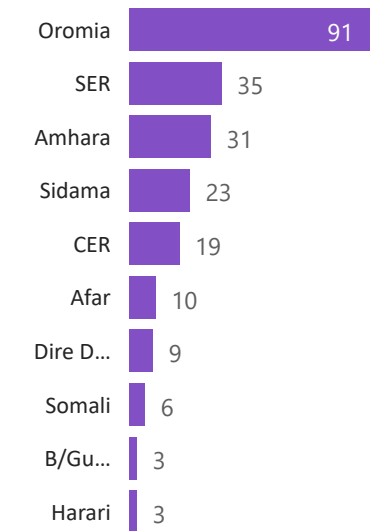
Intervention initiated at August 30, 2022  
(Zonal, woreda & HFs)

Epi-curve displayed the increased cholera case in March, April, May, June, July & August. High case load after OCV campaign introduction is due to the increasement of cases from newly affected woredas (SNNP, Sidama, Oromia, Somali and Amhara). Case in OCV campaign (May 15-21, 2023 in Oromia and May 20-27, 2023) covered woredas is going to reduction and leads to be controlled. Other long run response activities contributed for reduction.

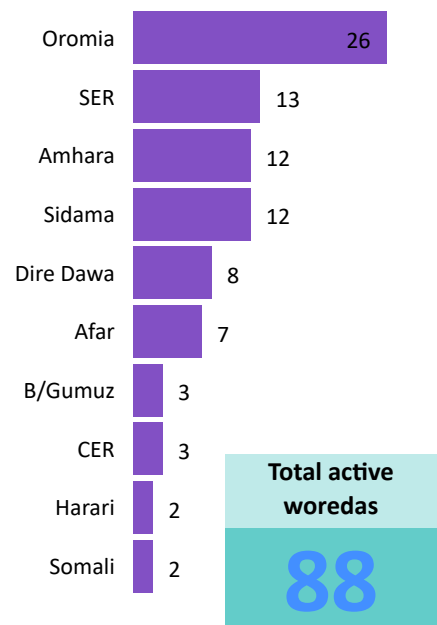
Pick due to late report from July 15-21, 2023 from Amhara region



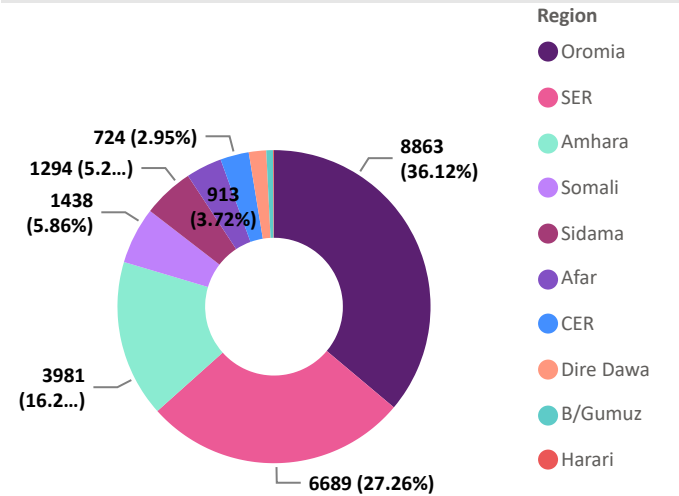
So far cholera affected  
woredas since January 1/2023



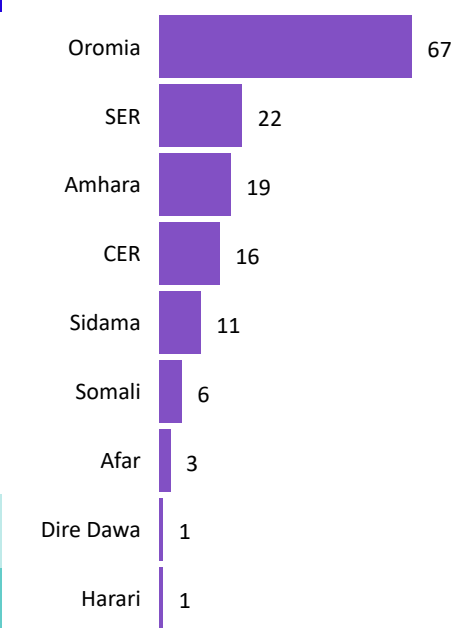
Woredas in ongoing cholera,  
Ethiopia



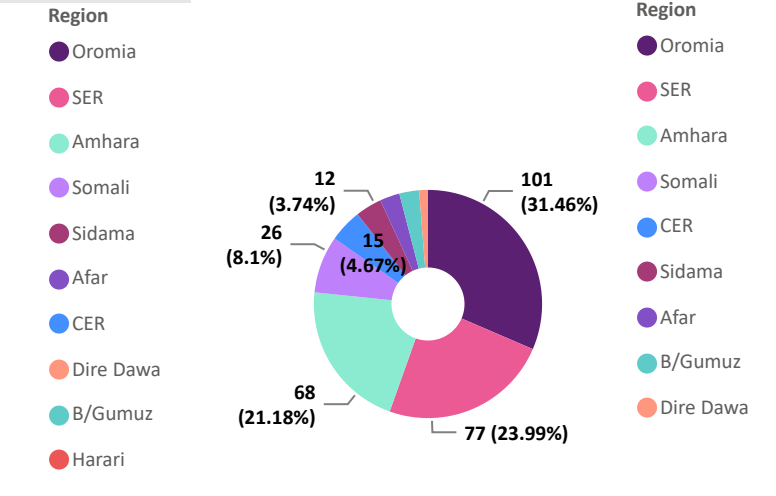
Cholera case by region, since January 1/2023



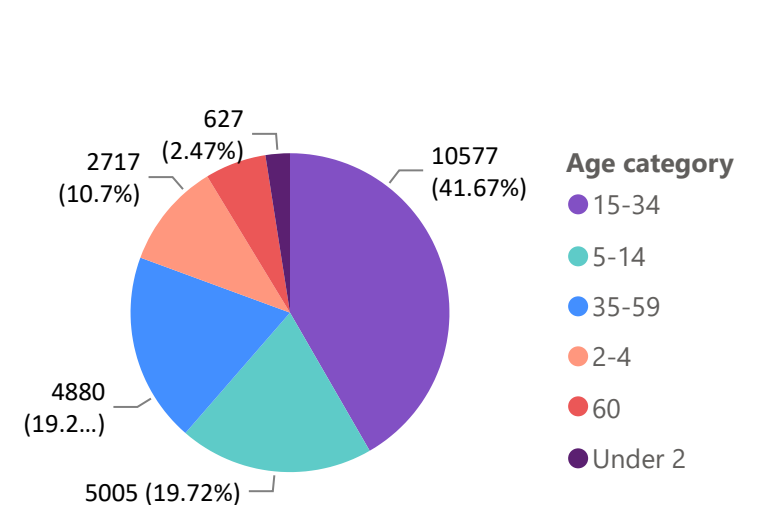
Controlled woredas, Ethiopia



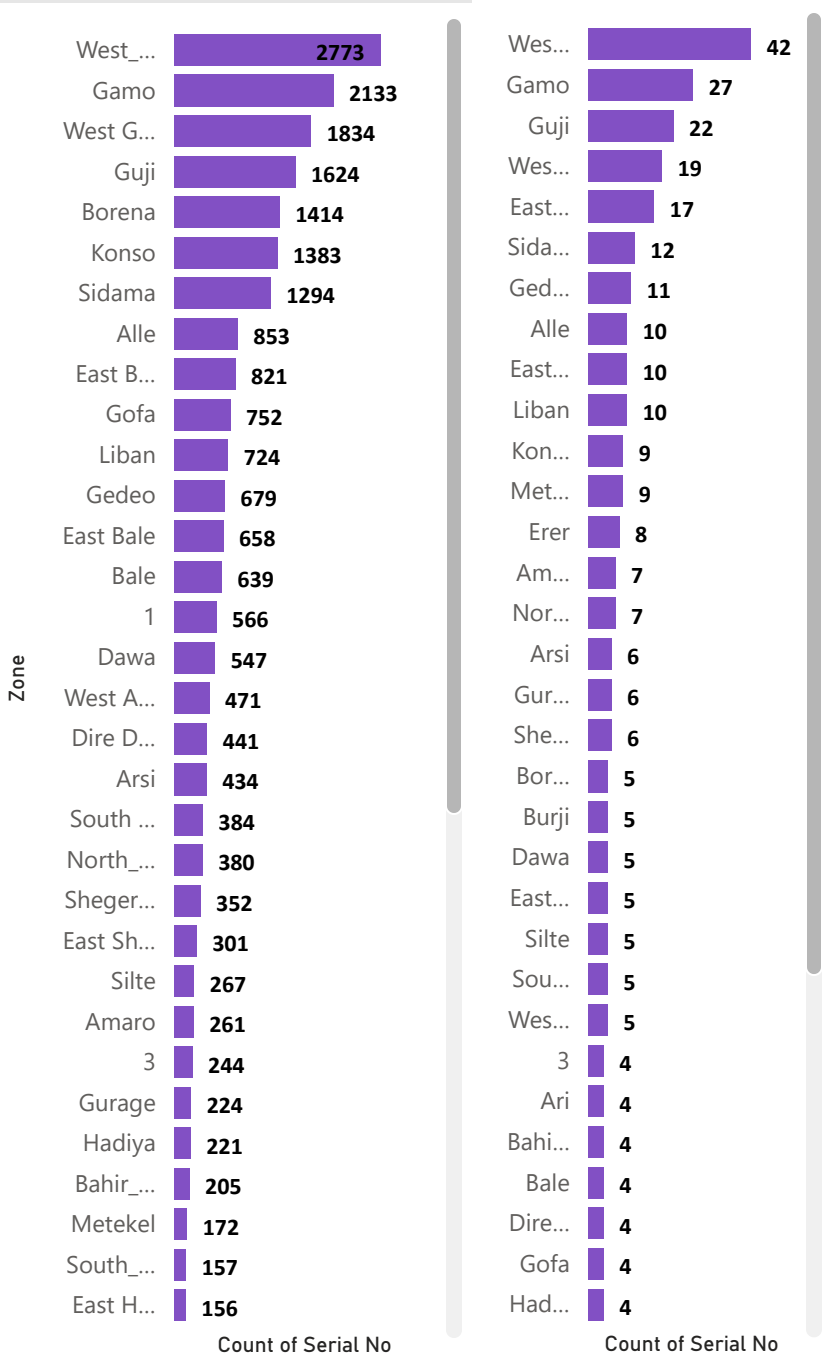
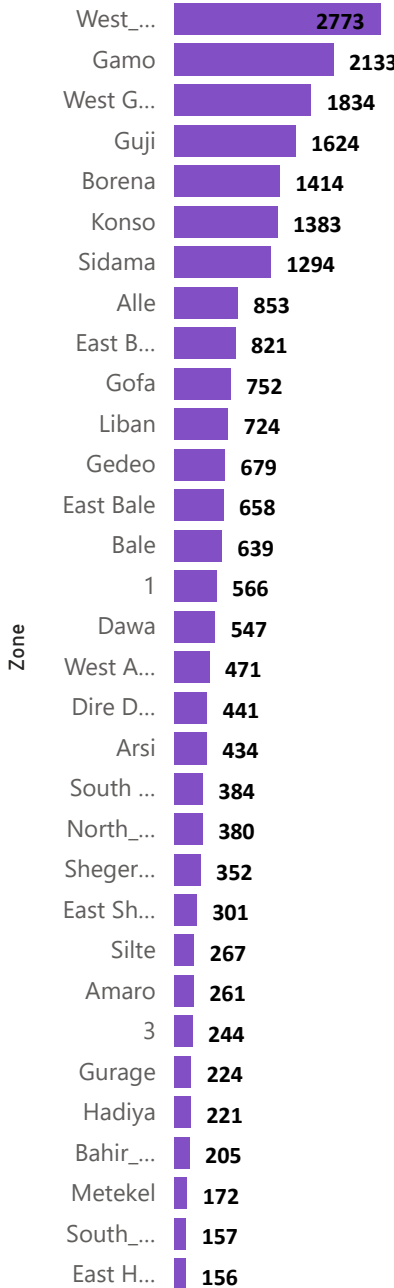
Death due to cholera by region, January 1/2023



Cholera case by age category, Ethiopia



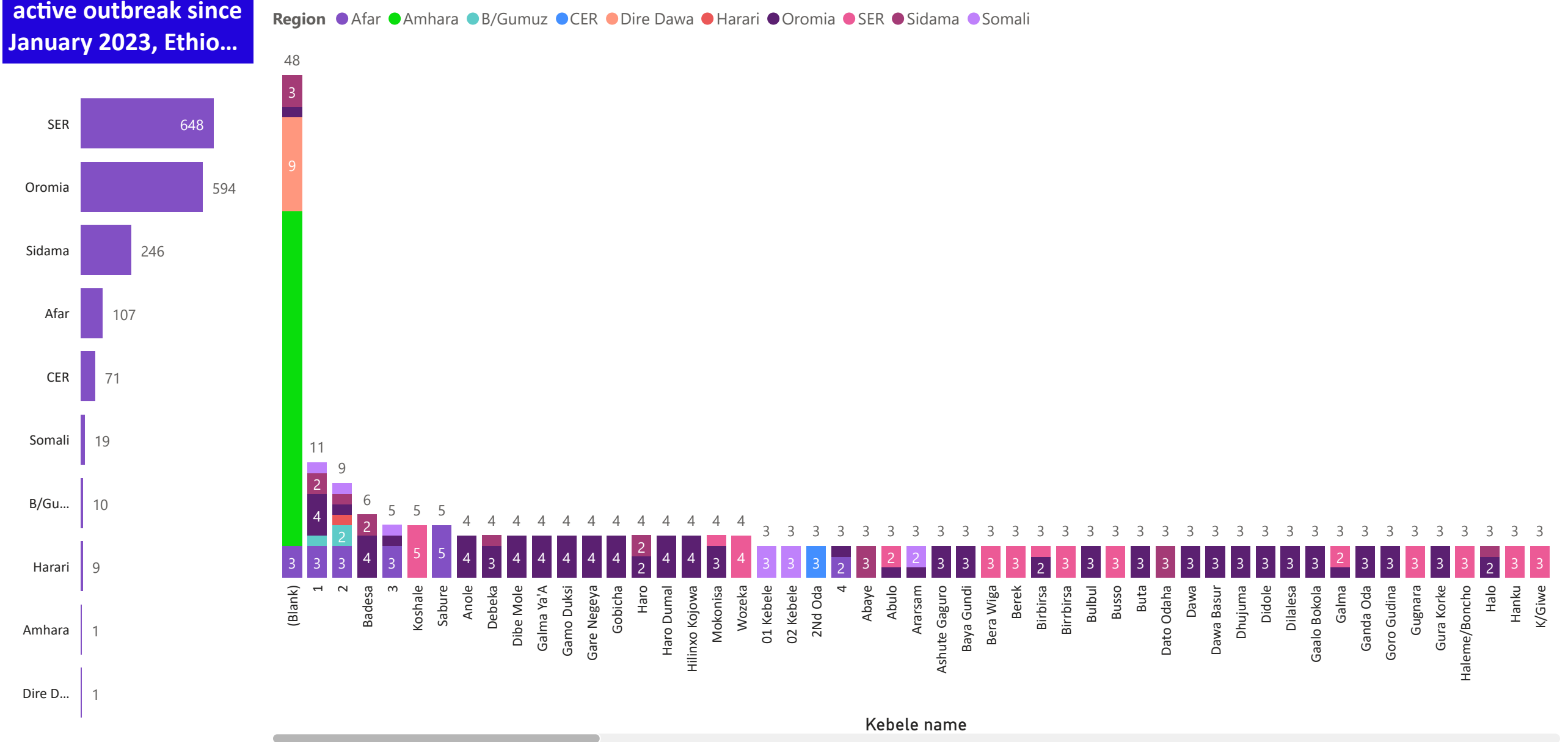
Cholera case by zone, since January 1/2023



### Number of cholera affected kebele & cases (#)

Number of Kebele in active outbreak since January 2023, Ethio...

### Number of Kebele in active outbreak since January 2023, Ethiopia





## Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

Active woredas reported at least one case in the last 7 days

15

Active woredas reported at least one case in the last 8-21 days

30

Active woredas reported at least one case in the last 22-42 days

43

Region	Zone	Woreda	Case	Death	Zero day report	Woreda status
Oromia	Arsi	Digalu Tijo	24	1	28	Active
Oromia	Arsi	Lemu Bilbilo	156	1	22	Active
Oromia	Arsi	Munesa	32	2	15	Active
Oromia	Arsi	Robe	63	2	27	Active
Oromia	Arsi	Seru	134		27	Active
Oromia	Bale	Gasera	169		20	Active
Oromia	East Bale	Gololcha	171	2	18	Active
Oromia	East Shewa	Bishoftu Town	11	1	42	Active
Oromia	East Shewa	Boset	15		40	Active
Oromia	East Shewa	Fentale	67		41	Active
Oromia	West Arsi	Gedeb Hasasa	140	3	42	Active
Oromia	West Arsi	Heban Arsi	8		32	Active
Oromia	West Arsi	Kofale	11		40	Active
Oromia	West Arsi	Siraro	7	1	30	Active
Oromia	West Guji	Abaya	149		6	Active
Oromia	West Guji	Gelana	501	8	18	Active

Region	Zone	Woreda	Case	Death	Zero day report	Woreda status
Oromia	Sheger City	Furi Sub City	11		37	Active
Oromia	Sheger City	Koye Fache Sub City	100		10	Active
Oromia	Sheger City	Laga Tafo Laga Dadi Sub City	45		11	Active
Sidama	Sidama	Aleta Chuko Town	9		28	Active
Sidama	Sidama	Aleta Chuko Woreda	23		28	Active
Sidama	Sidama	Bensa	22	1	27	Active
Sidama	Sidama	Bona	79	1	18	Active
Sidama	Sidama	Dara	294	2	16	Active
Sidama	Sidama	Gorche	9	1	21	Active
Sidama	Sidama	Hawassa Zuria	39	1	36	Active
Sidama	Sidama	Hawell Tulla	77		27	Active
Sidama	Sidama	Leku	1		32	Active
Sidama	Sidama	Teticha	1		33	Active
Sidama	Sidama	Wondogenet	69	1	11	Active
Sidama	Sidama	Wondogenet Town	161	2	14	Active

**Note:** Dark red = woredas reporting/7 days, light red = woredas reporting/8-21 days & green = reporting zero for more than 21 days



## Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

Region	Zone	Woreda	Case	Death	Zero day report	Woreda status
Afar	3	Amibara	41		37	Active
Afar	3	Awash Fentale	171	2	19	Active
Afar	1	Dubti City	309	1	12	Active
Afar	1	Dubti Woreda	106	1	10	Active
Afar	1	Semera-Logiya	125	1	12	Active
Afar	1	Serdo Refugee Camp	26		26	Active
Afar	4	Teru	103	2	30	Active
Amhara	Bahir_Dar_City	Bahir Dar Town	205	4	12	Active
Amhara	North_Gojjam	Bahir Dar Zuria	364	2	29	Active
Amhara	Debre_Birhan_City	Debre Birhan Town	34		18	Active
Amhara	Central Gondar	East Dembia	26		25	Active
Amhara	West_Gondar	Genda Wuha Town	6		35	Active
Amhara	Gondar_City	Gondar Town	125	3	24	Active
Amhara	North_Gondar	Janamora	124	6	23	Active
Amhara	West_Gondar	Metema	538	6	13	Active
Amhara	West_Gondar	Quara	2229	36	29	Active
Amhara	Central_Gondar	Takusa	28	1	7	Active
Amhara	Central Gondar	West Belesa	61	2	24	Active
Amhara	South_Gondar	Woreta Town	27		33	Active
B/Gumuz	Metekel	Dangur	161	8	29	Active
B/Gumuz	Metekel	Mandura	2	1	37	Active
B/Gumuz	Metekel	Pawi	9		37	Active
Harari	Harari	Erer	5		2	Active
Harari	Harari	Hakim	7		27	Active
Somali	Fafan	Jigjiga City	23	1	7	Active
Somali	Erer	Mayamuluqe	33	8	8	Active

Region	Zone	Woreda	Case	Death	Zero day report	Woreda status
CER	Halaba	Adilo	1		36	Active
CER	Silte	Silti	267	5	10	Active
CER	Halaba	Werra	10		42	Active
Dire Dawa	Dire Dawa	Addis Ketema	23		4	Active
Dire Dawa	Dire Dawa	Biyo Awale	24		4	Active
Dire Dawa	Dire Dawa	Dire Dawa	5		7	Active
Dire Dawa	Dire Dawa	Jeldesa	39		15	Active
Dire Dawa	Dire Dawa	Legahare	320	2	4	Active
Dire Dawa	Dire Dawa	Melka Jebdu	14	1	7	Active
Dire Dawa	Dire Dawa	Sabian	10		8	Active
Dire Dawa	Dire Dawa	Wahil	3		34	Active
SER	Gamo	Arba Minch Zuria	414	3	13	Active
SER	Gamo	Daramalo	66		4	Active
SER	Gedeo	Dilla Zuria	167	5	21	Active
SER	Gamo	Kamba Town	54		7	Active
SER	Gamo	Kamba Zuria	920	17	3	Active
SER	Gedeo	Kochore	105	2	25	Active
SER	Ari	North Ari	112	4	32	Active
SER	Gofa	Sawla	252	1	30	Active
SER	Gedeo	Wonago	193	3	3	Active
SER	Gedeo	Yirga Chefe	35	1	12	Active
SER	Gedeo	Yirgacheffe	25		3	Active
SER	Gedeo	Yrigacheffe Ta	2		23	Active
SER	Gofa	Zalla	198	1	31	Active





# Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

Region	Zone	Woreda	Case	Zero day report	Woreda status
▼					
Somali	Afder	Charati	49	97	Controlled
Somali	Afder	Dolobay	62	132	Controlled
Somali	Dawa	Moyale/Sml	547	125	Controlled
SER	Alle	Alle	853	99	Controlled
SER	Amaro	Amaro	261	71	Controlled
SER	Gamo	Arba Minch Town	45	86	Controlled
SER	Basketo	Basketo	5	64	Controlled
SER	South Omo	Bena Tsemay	183	108	Controlled
SER	Gofa	Beto Town	3	157	Controlled
SER	Burji	Burji	127	72	Controlled
SER	Gedeo	Chelelekitu Ta	77	57	Controlled
SER	Gofa	Demba Gofa	257	68	Controlled
SER	Gedeo	Dilla Town	75	50	Controlled
SER	Gamo	Garda Marta	436	140	Controlled
SER	Gamo	Gerese Town	8	109	Controlled
SER	Gamo	Gerese Zuriya	190	131	Controlled
SER	South Omo	Hamer	15	110	Controlled
SER	Konso	Karat Town	38	83	Controlled
SER	Konso	Karat Zuria	282	66	Controlled
SER	Konso	Kena	281	64	Controlled
SER	Konso	Kolme	12	74	Controlled
SER	South Omo	Malle	184	74	Controlled
SER	South Omo	Salamgo	2	106	Controlled
SER	Konso	Segen Zuria	770	64	Controlled
SER	Gofa	Uba Debretsehay	42	158	Controlled

Region	Zone	Woreda	Case	Zero day report	Woreda status
▲					
Oromia	Bale	Berbere	246	542	Controlled
Oromia	Bale	Delo Mena	22	370	Controlled
Oromia	Bale	Goro	537	433	Controlled
Oromia	Bale	Gura Damole	23	569	Controlled
Oromia	Bale	Harena Buluk	71	377	Controlled
Oromia	Borena	Dire	35	136	Controlled
Oromia	Borena	Dubuluk	73	112	Controlled
Oromia	Borena	Elweye	3	143	Controlled
Oromia	Borena	Guchi	32	143	Controlled
Oromia	Borena	Miyo	61	110	Controlled
Oromia	Borena	Moyale	92	139	Controlled
Oromia	Borena	Moyale Town	753	135	Controlled
Oromia	Borena	Teltele	339	115	Controlled
Oromia	Borena	Yabelo	10	142	Controlled
Oromia	Borena	Yabelo Town	16	143	Controlled
Oromia	East Bale	Dawe Kachen	145	625	Controlled
Oromia	East Bale	Ginir	262	146	Controlled
Oromia	East Bale	Ginir Town	46	139	Controlled
Oromia	East Bale	Lege Hida	1	220	Controlled
Oromia	East Bale	Raitu	37	205	Controlled
Oromia	East Borena	Arero	3	130	Controlled
Oromia	East Borena	Goro Dola	371	165	Controlled
Oromia	East Borena	Gumi Eldallo	85	166	Controlled
Oromia	East Borena	Liben	159	162	Controlled
Oromia	East Borena	Mada Walabu	27	555	Controlled
Oromia	East Borena	Negele Town	202	163	Controlled
Oromia	Holeta Town	Holeta Town	3	78	Controlled

Region	Zone	Woreda	Case	Zero day report	Woreda status
▼					
Somali	Liban	Dollo Ado	724	117	Controlled
Somali	Liban	Guradamole /Sml	155	316	Controlled
Somali	Liban	Kersadula	44	316	Controlled
Oromia	West Arsi	Adaba	1	103	Controlled
Oromia	Guji	Adola Rede	7	179	Controlled
Oromia	Guji	Adola Woyu	10	162	Controlled
Oromia	Guji	Aga Wayu	221	101	Controlled
Oromia	Arsi	Bokoji	2	120	Controlled
Oromia	Arsi	Bokoji Town	3	50	Controlled
Oromia	Guji	Bore	2	69	Controlled
Oromia	West Arsi	Dodola	15	78	Controlled
Oromia	West Arsi	Dodola Town	33	73	Controlled
Oromia	Guji	Girja	514	390	Controlled
Oromia	Guji	Hoborso	1	176	Controlled
Oromia	Holeta Town	Holeta Town	3	78	Controlled
Oromia	Arsi	Honkolo Wabe	14	52	Controlled
Oromia	West Arsi	Kore	2	88	Controlled
Oromia	West Arsi	Nensebo	261	396	Controlled
Oromia	Guji	Odo Shakiso	11	112	Controlled
Oromia	Guji	Seba Boru	249	73	Controlled
Oromia	Guji	Shakisotown	1	173	Controlled
Oromia	West Arsi	Shashemene Town	9	72	Controlled
Oromia	Arsi	Shirka	6	52	Controlled
Oromia	Guji	Wadera	770	155	Controlled
Oromia	West Arsi	Wondo	11	51	Controlled

Number of controlled woredas



## Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

Region	Zone	Woreda	Case	Zero day report	Woreda status
▼					
Sidama	Sidama	Aleta Wondo	80	65	Controlled
Sidama	Sidama	Aroresa	3	116	Controlled
Sidama	Sidama	Bursa	1	76	Controlled
Sidama	Sidama	Chabe Gambeltu	17	93	Controlled
Sidama	Sidama	Dara Otilcho	87	83	Controlled
Sidama	Sidama	Hawassa Town	176	54	Controlled
Sidama	Sidama	Hoko	2	95	Controlled
Sidama	Sidama	Hulla	15	57	Controlled
Sidama	Sidama	Malga	122	44	Controlled
Sidama	Sidama	Shafamo	6	62	Controlled
Sidama	Sidama	Shebedino	1	145	Controlled
CER	Gurage	Abeshge	149	63	Controlled
CER	Kembata	Adilo Zuriya	1	52	Controlled
CER	Hadiya	Anlemo	3	93	Controlled
CER	Gurage	Debub Sodo	3	59	Controlled
CER	Hadiya	Duna	1	105	Controlled
CER	Hadiya	East Badawacho	10	97	Controlled
CER	Hadiya	Gibe	2	95	Controlled
CER	Hadiya	Gimbichu Town	9	102	Controlled
CER	Hadiya	Gombora	2	100	Controlled
CER	Hadiya	Hossana Town	52	91	Controlled
CER	Hadiya	Lemo	12	92	Controlled
CER	Hadiya	Shone Town	12	86	Controlled
CER	Hadiya	Siraro Badewacho	15	83	Controlled
CER	Gurage	Sodo	72	43	Controlled
CER	Hadiya	Soro	102	95	Controlled
CER	Hadiya	West Badewacho	1	86	Controlled

Number of controlled woredas

Region	Zone	Woreda	Case	Zero day report	Woreda status
▲					
Oromia	East Shewa	Akaki	2	125	Controlled
Oromia	East Shewa	Bora	13	57	Controlled
Oromia	East Shewa	Liben Chukala	183	58	Controlled
Oromia	East Shewa	Lume	4	54	Controlled
Oromia	East Shewa	Metahara	3	59	Controlled
Oromia	East Shewa	Metahara Town	3	51	Controlled
Oromia	Sheger City	Burayu Sub City	85	45	Controlled
Oromia	Sheger City	Gefersa Guje Subcity	16	43	Controlled
Oromia	Sheger City	Gelan Guda Sub City	2	76	Controlled
Oromia	Sheger City	Melka Nono Sub City	11	68	Controlled
Oromia	Sheger City	Sululta Sub City	82	51	Controlled
Oromia	West Shewa	Ejere	2	53	Controlled
Oromia	West Shewa	Jeldu	1	61	Controlled

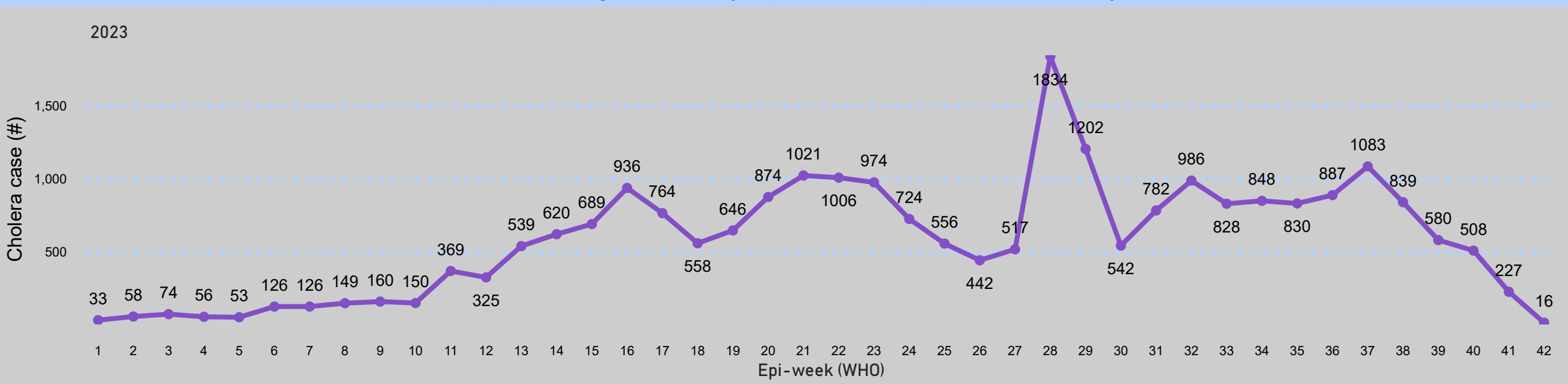
Region	Zone	Woreda	Case	Zero day report	Woreda status
▼					
Oromia	West Guji	Birbirs Kojowa	44	79	Controlled
Oromia	West Guji	Bule Hora	134	101	Controlled
Oromia	West Guji	Dugda Dawa	110	99	Controlled
Oromia	West Guji	Kercha	76	120	Controlled
Oromia	West Guji	Melka Soda	601	89	Controlled
Oromia	West Guji	Suro Barguda	219	73	Controlled



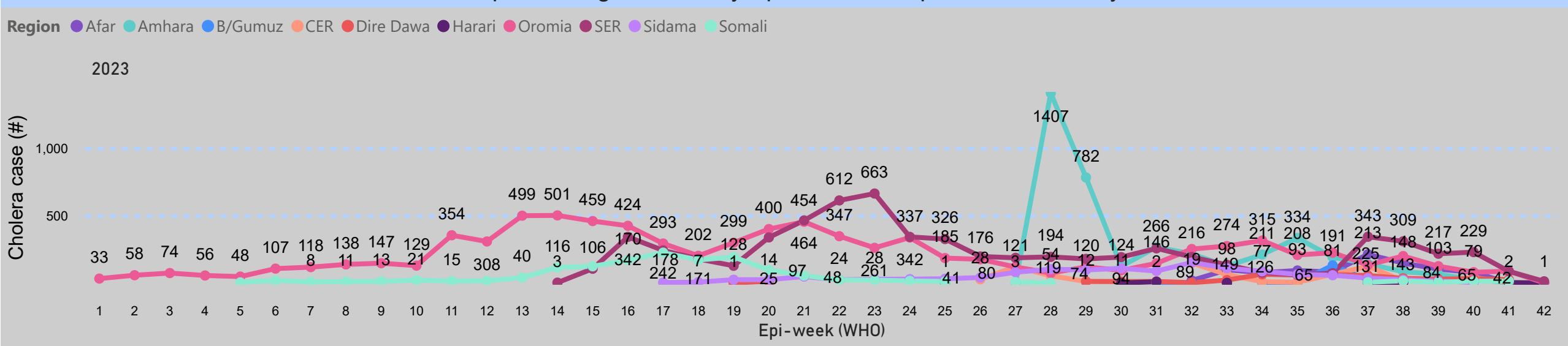


# Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

Cholera epidemiological trend by Epi-week, Ethiopia, Since January 2023

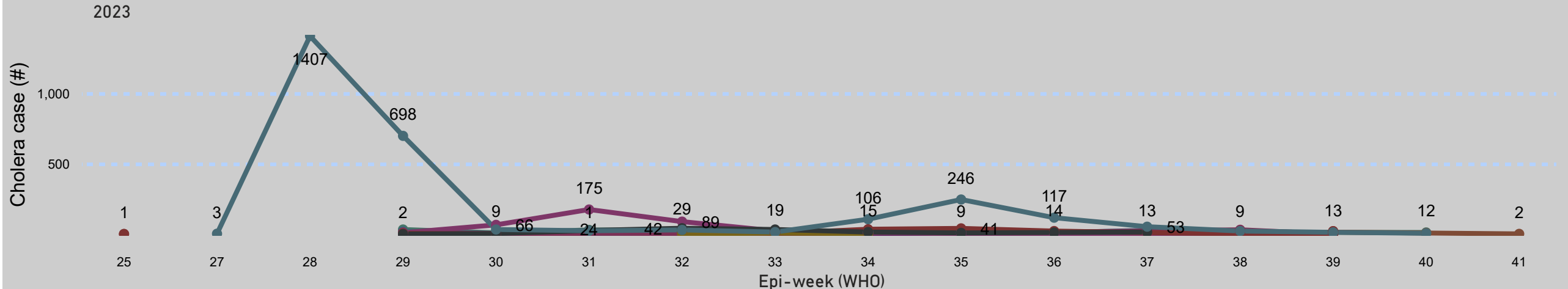


Cholera epidemiological trend by Epi-week, Ethiopia, Since January 2023

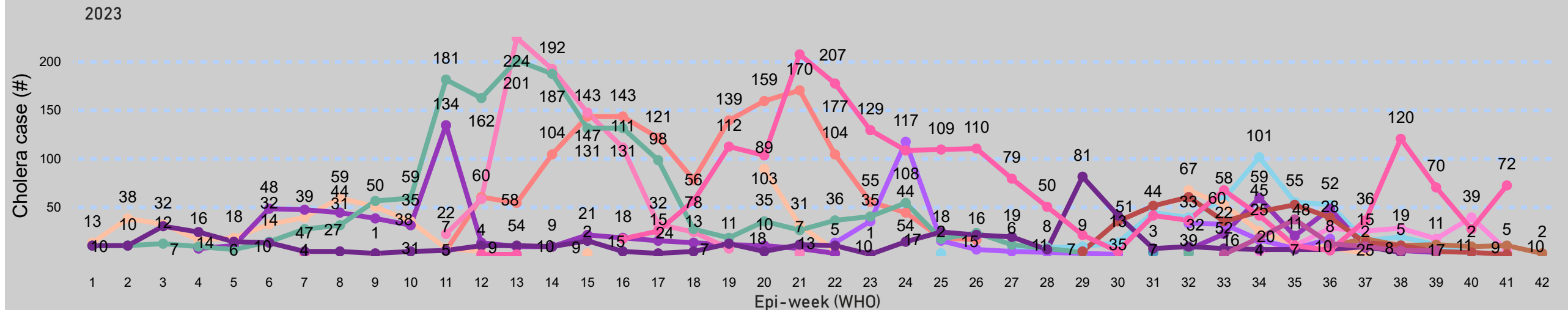




**Zone** ● Awi ● Bahir\_Dar\_City ● Central\_Gondar ● Central\_Gondar ● Debre\_Birhan\_City ● East\_Gojjam ● Gondar\_City ● North\_Gojjam ● North\_Gondar ● North\_Shewa ● South\_Gondar ● West\_Gondar



**Zone** ● Arsi ● Bale ● Borena ● East Bale ● East Borena ● East Harerge ● East Shewa ● Guji ● Holeta Town ● Maya Town ● Sheger City ● West Arsi ● West Guji ● West Shewa

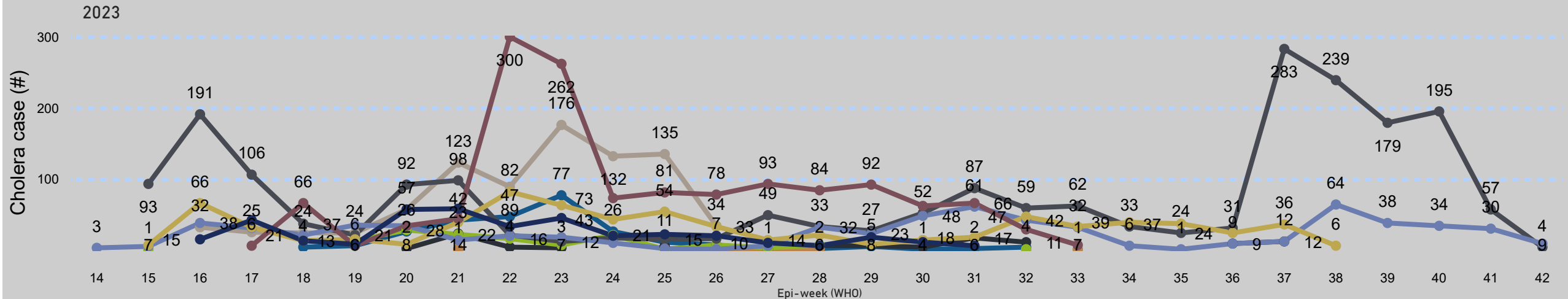




# Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

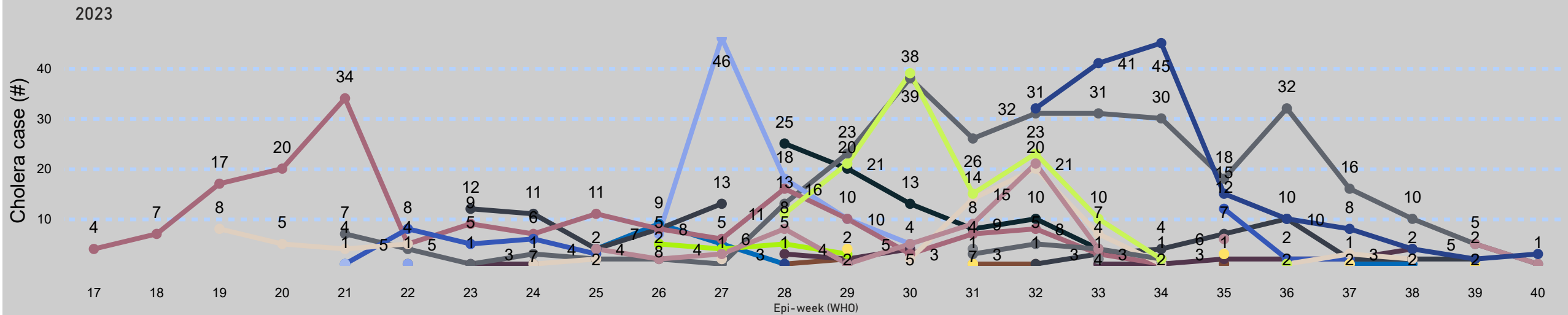
## Cholera trend by Epi-week, Affected zone/ South Ethiopia/SER

**Zone** Alle Amaro Ari Basketo Burji Gamo Gedeo Gofa Konso South Omo



## Cholera trend by Epi-week, Affected zone/Sidama

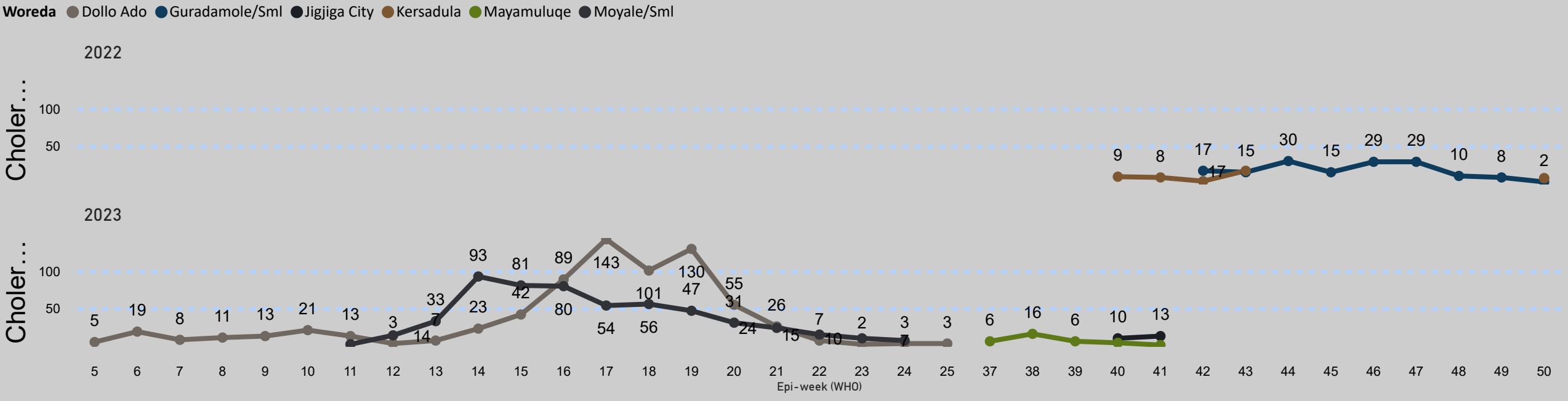
**Woreda** Aleta Ch... Aleta Ch... Aleta Wo... Aroresa Bensa Bona Bursa Chabe G... Dara Dara Otil... Gorche Hawassa ... Hawassa ... Hawell T... Hoko Hulla Leku Malga Shafamo





# Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

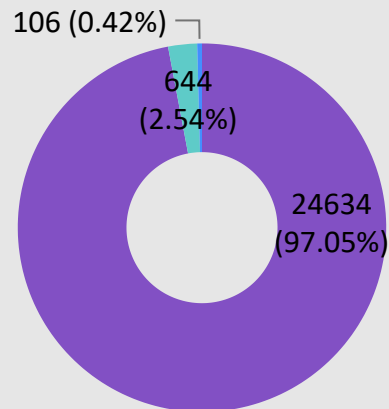
Cholera trend by Epi-week, zones/Somali





# Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

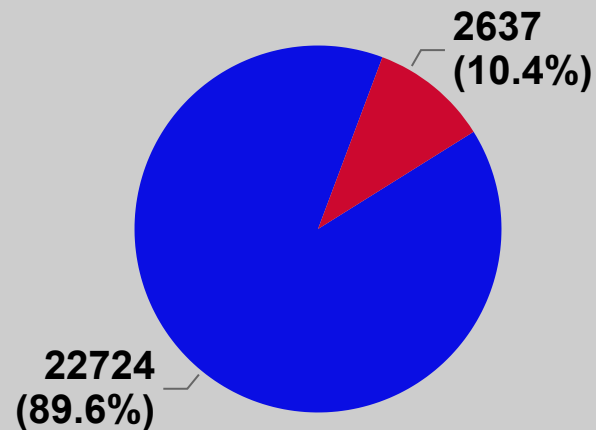
OCV vaccination status (0, 1 & 2) of cholera patients, Ethiopia, Since January 2023



Vaccination stat... 0 1 2

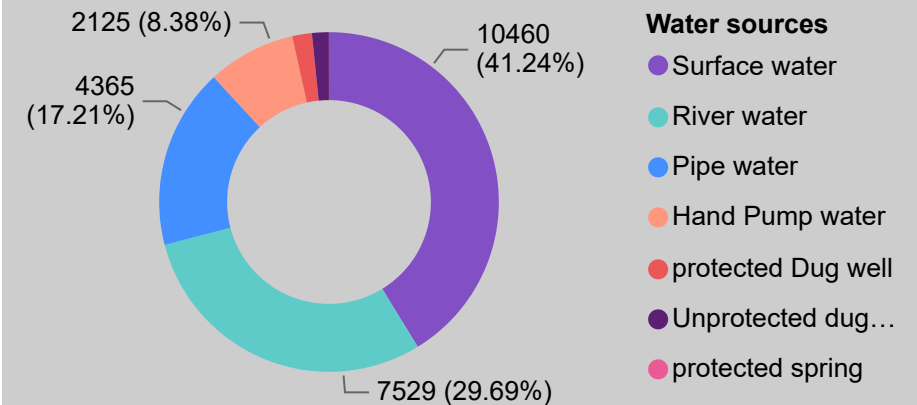
n= 25384

Travel history of cholera patients by woreda, Ethiopia



Travel history for a... No Yes

Water source for cholera patients, Ethiopia (Source: cholera line list)



Water sources

Surface water

River water

Pipe water

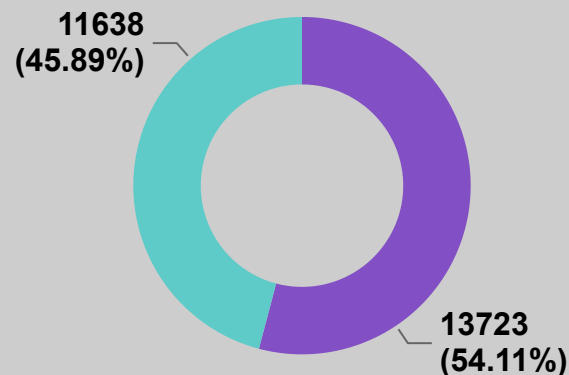
Hand Pump water

protected Dug well

Unprotected dug...

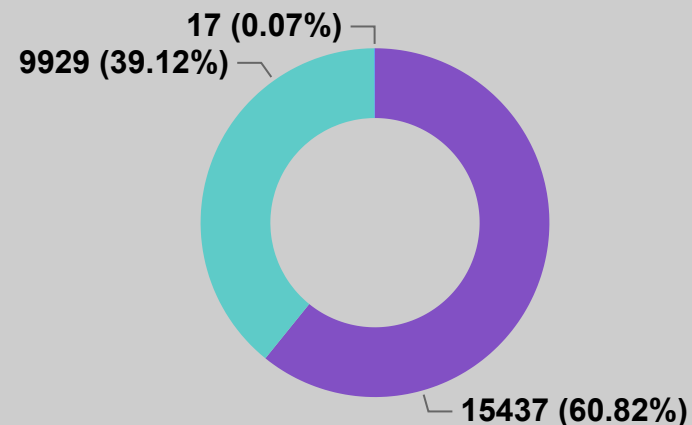
protected spring

Cholera patients having toilet (Data source is line list)



latrine (... No Yes

Contact history of cholera patients by woreda, Ethiopia



Contact wit... No Yes Unknown



# Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

## Coordination for cholera outbreak intervention activities

- EPHI in collaboration to Africa CDC plan to provide pillar CHOLERA ToT for all regions since Oct 16, 2023
- High level partnership meeting was conducted in presence of H.E. Dr. Lia (MoH, Minister)
- Joint mission (EPHI, WHO and UNICEF) to identify gaps on major public health emergencies (Cholera, Malaria, IDP, emergency nutrition, coordination, and joint action point
- **Eight National Joint RRT (EPHI and AVOHC from WHO & ACDC) is deployed in 6 affected regions. For other regions, deployment is under facilitation.**
- Operational cost and supply support concept note was submitted for CDC USA and USAID
- Coordination meeting (national TWG/week (51 times), regional TWG/week & Woreda TF/day)
- Third round cross-border/IGAD coordination meeting was conducted on synchronized OCV on Mandera triangle (Ethiopia, Kenya and Somalia)
- Daily coordination meeting is ongoing (as report of woredas)
- Daily line list reporting from Epi-centers
- Alert letter is sent to neighboring regions
- Training is provided to **3485** HCWs in affected regions
- Daily TF meeting with daily sharing of minutes (Kersadula)
- Cholera preparedness assessment was done in Tigray region
- Joint (EPHI & WHO) assessment was done and action points were forwarded to B. Gumuz and Oromia

### PARTNERS SUPPORTING CHOLERA RESPONSE

- Oromia Region: WHO, UNICEF, GOAI Ethiopia, IOM, FIDO, Red cross (IFRC & ERRCS) & Government
- Somali region: WHO, MSF-Holland, UNICEF, IOM, Save the children, CARE, Pastoralist concern, Islamic relief agency
- SNNP and Sidama: WHO, UNICEF, CUAM, Goal, MSF, IRC, WVI, SWAN, IOM, SCI, Plan international

## WaSH Cholera outbreak intervention activities

- 885 latrines were built and utilization monitoring is done
- 35 water schemes maintenance
- 156 water schemes disinfection is done and ongoing
- 21 water points were established
- Six EMWAT kit is installed (5 in Oromia and 1 Somali)
- Water treatment chemicals were distributed
- Water trucking is done, and it is ongoing
- 69 water tanks were distributed
- 56,056 Jericans were supported
- 30 hand washing facilities (Amhara)

## Surveillance for cholera outbreak intervention activities

- A RRTs are redeployed (EPHI, RHB, WHO, UNICEF, MSF-H, GOAL, IRC, SCI, Care, Islamic relief and Pastoralist concern)
- Case definitions are printed and distributed for HFs
- Ongoing active searching, contact tracing and disinfection & sensitization
- RRT verified and investigated all reported alert and rumor in Oromia, Somali, SNNP & Sidama
- A total 1176 stool samples were collected and tested (90.1% positive for RDT and/ Culture). From 848 RDT tested, 772(91%) were RDT positive while among 328 culture tested, 288 (69.5%) were positive in all affected districts.

## Case management for cholera outbreak intervention activities

Totally **188 CTCs** , **108 CTUs** and **813 functional ORP** have been established in affected regions having active outbreaks

Region	Satndard CTC/#	CTC/#	CTU/#	ORP/#	Total
Afar	0	10	5	19	34
Amhara	1	22	0	28	51
B. Gumuz	0	3	1	6	10
CER	1	5	0	34	40
Dire Dawa	1	0	10	53	64
Harari	0	1	0	6	7

Region	Satndard CTC/#	CTC/#	CTU/#	ORP/#	Total
Somali	0	2	0	4	6
Sidama	1	20	10	66	97
Addis Ababa (For preparedness)	2	2	6	54	64
Oromia	2	73	11	150	236
SER	3	50	65	86	204
National	11	188	108	506	813

- All HPs and HFs of affected woredas established ORP
- Household disinfection being done in integration with contact tracing team
- Onsite capacity building being given by the deployed RRT
- Line list included nutritional variables
- MSF-H is supporting case management, standardizing CTC and train HCWs of case management

## RCCE for cholera outbreak intervention activities

- Key messages of Cholera prevention disseminated in all districts affected by cholera through volunteers and health workers using megaphones reaching 41,800 people
- Islamic Affairs Supreme Council (IASC) are undertaking promotion
- Oromia region, Panel discussion was conducted by the regional health and water bureaus
- Health education is providing at religious, community and public institutions
- Guideline, posters, job aids are delivered to HFs
- Social mobilization by Megaphones
- IEC materials distributed (Recent: Leaflets = 20,444, Posters = 925 and Banners = 77)





# Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

## Amhara

Targeted Region for recent OCV

8

Targeted Zones for recent OCV

9

Targeted Weredas/recent OCV

Highlight on OCV campaign 2022 and 2023 for current cholera epidemics (Started in August 27/2022), Ethiopia

- **4th round of ICG support: 1,917,913** OCV doses were supported from ICG for Amhara region outbreak response and pre-campaign is was performed in effective ways for Sep 16-23, 2023 scheduled campaign. **1,859,555** (99.55%) targeted population were vaccinated. *The rest 50K OCV doses are under transportation to Janamora woreda where quick case spreading and high malnutrition has reported (Source: Regional PHEOC report)*
- **3rd round of ICG support: 2,230,038** OCV dose campaign has cascaded in SNNP, Sidama, Oromia in August 10-17, 2023 with 99.4% coverage.
- **2nd round of ICG support: 1,910,416** were approved on March 30, & imported on April 11, 2023. Campaign started in targeted woredas on May 15, 2023 and vaccinated 1,909,407 (99%)
- **1st round of ICG support:** ICG approved **86,910** among 2,000,466 requested doses and imported on December 20, 2022. OCV campaign conducted to January 13-19, 2023 in Oromia while Somali (Dolo Ado & Bokollmayo woredas) was on Feb 22, 2023

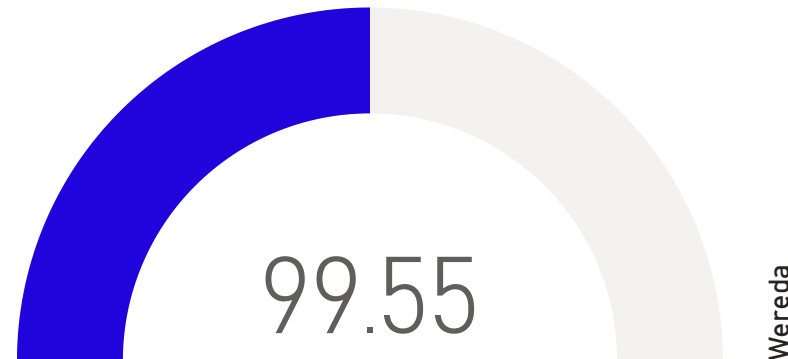
Major activities done during campaign:

- OCV campaign daily performance evaluation zoom meeting (National)
- Daily OCV campaign performance reporting
- Zonal & woreda leadership engagement
- Integration of other outbreak responses (active case searching, contact tracing, WaSH, RCCE, on job orientation)
- Daily updating and feedback
- Launching OCV campaign with MoH state minster, EPHI DG, regional health bureau, regional PHI DG

Identified gaps during OCV campaign:

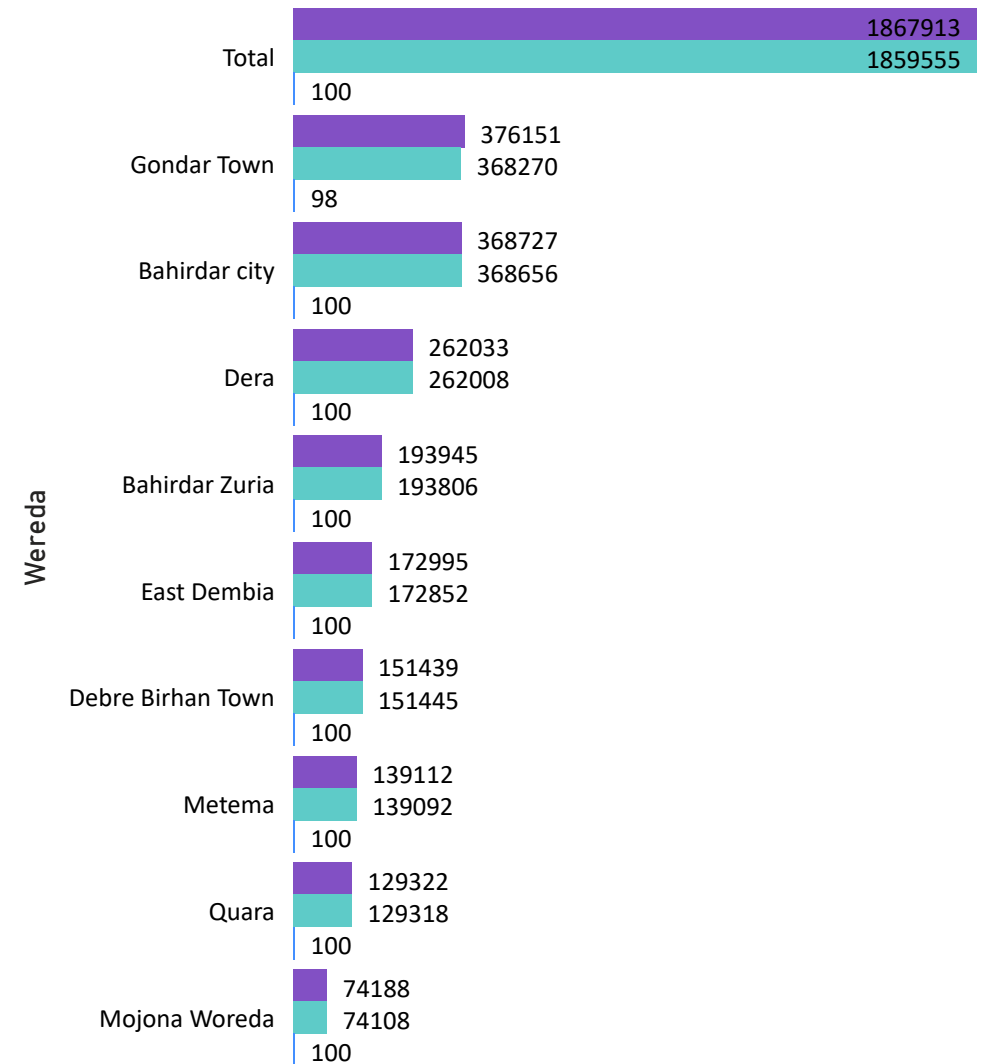
- Geography & seasonal rainfall
- RL & ORS shortage in Ginir/Oromia and Moyale/Somali

Amhara OCV campaign coverage for current cholera epidemics, Ethiopia, 2023



Amhara OCV campaign by woreda (Sep 16-23, 2023), Ethiopia, 2023

● Total Target population ● Vaccinated(●) ● Coverage(%)





# Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

## Logistics for cholera outbreak intervention activities

EPHI in collaboration to partners & sub-national gov is responding for cholera outbreak.

EPHI (EPSS)'s new support

- Case management logistics for all affected regions based on caseload
- **14 cars are facilitated to support outbreak response in affected regions**
- **25 vehicles are in the demand and requested to WHO.**

UNICEF's new support:

- Among 337 required CTCs, a total of 188 were dispatched
- 12 MHNTs contract has extended (Amhara)
- 2 vehicles

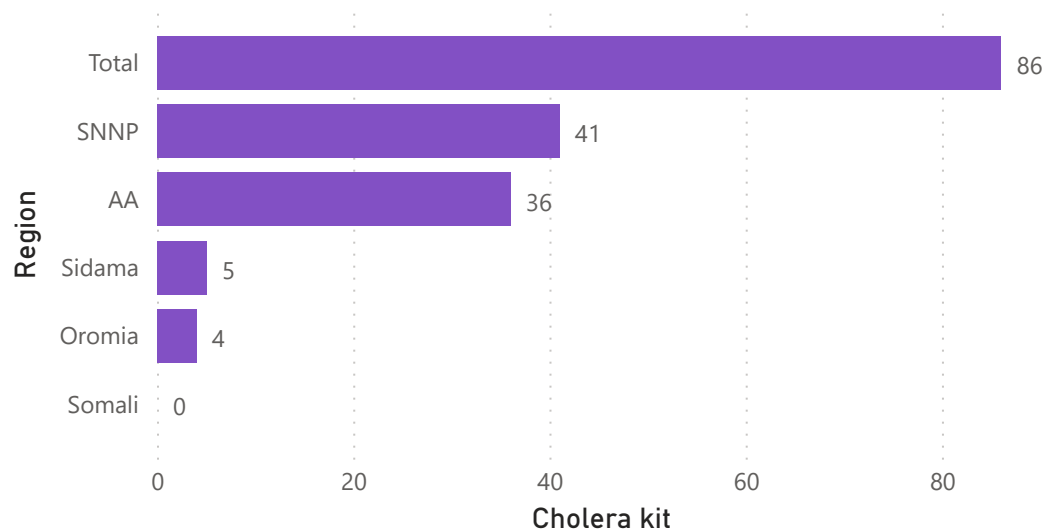
WHO's new support:

- Different items cholera kits have supported for Amhara (38.8M3), DD, Harar, Afar, Oromia, Sidama, SER, CER, B. Gumuz, and Somali regions

**CDC USA's new support:**

- 20 RDT kits(10 pieces) donated from Atlanta and 440\*10 kits is under shipment from GTFCC/HQ

## Cholera kit support from WHO & UNICEF by Region, June 25-July 7/2023



## Cholera supplies were distributed to the regions from July 20- August 15, 2023

Regions	Zones/Subcity	Woredas	Items	Qty	Cost in \$	# of Cases to be treated by kits
Addis Ababa	Nifas Silk Lafto Subcity	Woreda 10	Cholera treatment Kits	9	41096	900
Addis Ababa	Addis Ketema Sub city	Woreda 10	Cholera treatment Kits	10	50446	1000
Total				19	91542	1900
Amhara	Bahirdar	Bahirdar	Cholera treatment Kits	84	74375	8400
Amhara	West Gondar	Metema	Cholera treatment Kits	4	2328	400
Amhara	West Gondar	Quara	Cholera treatment Kits	23	6891	2300
Total				111	83594	11100
Diredawa	Dire dawa	Dire Dawa	Cholera treatment Kits	12	2964	1200
Oromia	West Guji Zone	Bule hora	Cholera treatment Kits	4	6106	400
Oromia	West Arsi Zone	Shashemene	Cholera treatment Kits	3	1305	300
Oromia	Sheger City	Sheger City	Cholera treatment Kits	11	4387	1100
Total				30	14763	3000
Tigray	Shire	Shire	Cholera treatment Kits	43	84590	4300
Grand total				203	274489	20,300.00

## Cholera RDT mobilized from partners from August 15-22,2023

Items	QTY	Cost in \$	Mobilized from
Cholera RDT	200	380	CDC
Cholera RDT	370	703	WHO
Total	570	1083	

S.N	Row Labels	Unit	Quantity
1	Aluminium sulphate	bag of 50kg	272
2	Calcium Hypochlorite (HTH)/chlorine	drum 45kg **	306
3	Water flocculant & disinfectant/chemical	pdr/BOX-240	27485
4	Water purif. (NaDCC)/Aqua tab	167mg tabs/BOX-14000	2042
5	Body soap, bar	Each	735233
6	Soap, laundry	250g	665483
7	Water pr.unit,skid/water plant	5cbm/hr@20mTMH.DIESEL	3
9	Water purification machine/Rift valley	cap 12000L/h	3
10	Water Quality Test Kit	Kit	4136

Note: Others cumulative partners' support summery is ongoing



# Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

## Major gaps & challenges cholera outbreak control

- **Vehicle shortage affects response operation**
- WaSH logistics
- OCV shortage for newly affected districts in their respective regions
- High risk of spreading further in Refuge camp, IDPs, and due to marketing, insecurity,
- High CFR as compared to national standards (Accessibility of HFs, delay health care seeking of patient)
- Insecurity in Amhara, Oromia (Guji, West Guji, East Borena) and B. Gumuz regions affects field response operations of increase outbreak duration and further spreading
- Delay of information when emerging Epi-centers/Line list & alerts
- Shortage of operational fund
- Sub-optimal accessibility of cholera treatment facilities

### National stock has

- No water treatment chemicals (Water guard, Bishangari, Aquatabs/chlorin tab)
- Hagiene and sanitation materials
- No RCCE printed materials
- No household spray chemicals
- Shortage of RL

## Prioritized next actions to control cholera outbreak

- EPHI in collaboration to Africa CDC plan to provide pillar CHOLERA ToT for all regions since Oct 16, 2023
- Following pre-campaign activities in prioritized affected woredas in Afar, SER and Sidama
- Follow up implementation of quick action points (Joint of EPHI/PHEOC, APMI/PHEOC, WHO and UNICEF)
- Following submitted requests for partners for their usual support
- Following deployed national joint RRT (EPHI, AVOHC, WHO, UNICEF) to control cholera outbreak in 28 days in all affected woredas and it is under facilitation.
- Strengthen WaSH-IPC activities (water quality monitoring, CTC standardization)
- Strengthen RCCE (Media spot, tele text for community)
- **Following OCV requested for newly affected woredas in their respective region (Afar, B. Gumuz, Amhara, DD, South Ethiopia region)**
- Conduct national review meeting on cholera outbreak response and control performance by inviting regional health bureau heads, water bureau heads, zonal health & water health department heads, regional/zonal/woreda PHEM coordinators in the presence EPHI DG and national relevant partners country directors
- Ensure participation of regional PHEM coordinators for national TWG meeting
- Strengthen active case searching and contact tracing of cholera cases
- Strengthen cross border collaboration with Kenya, Somalia, South Sudan and other
- Strengthen support for daily update from all health structures and provide evidence based feedback
- Strengthen national TWG meetings **once a week on Tuesday from 11:00 am to 12:00 noon with** sharing its minutes and cholera daily SITREP



## Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

### Disclaimer

- This cholera daily SITREP is produced based on the line list/figures/task force minutes reported from the regional (Oromia, Somali, SNNP, Sidama and Amhara) Public Health Emergency Management.
- This daily base cholera outbreak SITREP is published by bacterial disease surveillance and response case team in Disease and health events surveillance and response directorate, Ethiopian public health Institute/EPHI, Public Health Emergency Management (PHEM). The aim of this SITREP is to inform decision makers in the institute/FMOH, UN agencies and others NGOs about outbreaks.

#### Chief Editor

Mr. Yeshambel Worku (BSc in PH, RH/MPH, F.Epi/MPH)

E-mail: [workuyeshambel19@gmail.com](mailto:workuyeshambel19@gmail.com)

+251966750922

Dr. Moti Edosa (MD, Field Epidemiologist)

E-mail: [motiedosa7@gmail.com](mailto:motiedosa7@gmail.com)

Mobile: +2519 13 35 48 01

#### Reviewers:

Mr. Mesfin Wossen (BSc in PH, MPH) DHESR Directorate Director

Bacterial Disease Surveillance and Response Case Team members

[For further information on cholera, call 8335](#)



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