



Highlight

- Ethiopia is on ongoing cholera outbreak in **65 woredas** [Oromia (15), Ser(1), Cer(3), Sidama (0), Amhara (11 as of line list and no report due to internet problem), Afar (4), B.Gunuz(0), Dire Dawa(7), Harari(7), **Somali(16)** & Tigray(1)]. **Among 72 active woredas (zero case report up to 42 days), 11 are actively reported in last 7 days, 28 woredas reporting zero case for 8-21 days and 26 are reporting zero case for more than 21 days.**
- After previous SITREP (December 22, 2023), a total of 111 cases are reported as of this day. Among these cases, only 01 case are new reported/seen at health facilities and only 01 case are newly infected (as of date of onset). Other most of cases are from Somali.**
- Current inpatients in the CTC =65(Somali =40 & Oromia =25). Among cholera patients, 15-34 and 5-14 age groups accounted 41% and 20% respectively.
- Amhara reported a total of **4983 cases and 90 deaths** (by line list and phone text). Among these, 175 cases and deaths of 11 were reported in phone text. East Amhara reported 748 cases and 12 deaths with 1.6% of CFR (Demands strong collaboration).
- Since August 27, 2022, a total of **30,334 cases (851 were in 2022) and 449 deaths** with 1.48% of CFR from **304 affected woredas** (Oromia(114), Ser(33), Cer(19), **Amhara(54)**, Sidama(23), D.Dawa(9), **Somali(24)**, Afar(13), B.Gumuz(3), Harari(9) & Tigray(5). 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.
- The outbreak is controlled in 242 woredas** in Oromia (99 including 2022), Amhara(43), Somali (8 including 2 woredas in 2022), Ser(32), Cer(18), Sidama(23), Dire Dawa(2), BG(3), Harari(1), Afar (7) & Tigray(4) (See the map), but they are at high risk due to being adjacent. *OCV response contributed much to control*

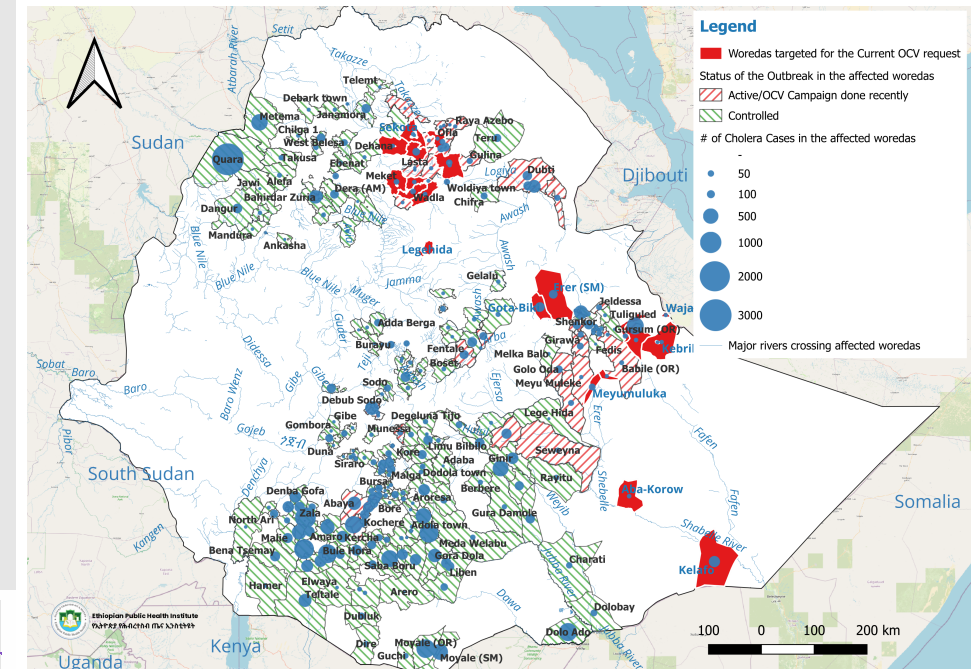
Cholera Epidemiology since January 1, 2023

Region	Affected Zone(#)	Affected woreda/#	Active Woreda(#)	Controlled Woreda(#)	Total active Kebele(#)	Case (#)	Death (#)	CFR (%)
Oromia	14	105	15	90	216	10272	123	1.20
SER	10	33	1	32	86	6839	77	1.13
Amhara	14	54	11	43	0	4808	79	1.64
Somali	7	22	16	6	37	3273	73	2.23
Sidama	1	23	0	23	14	1297	12	0.93
Afar	3	13	4	9	74	1225	14	1.14
CER	5	21	3	18	2	858	20	2.33
Dire Dawa	1	9	7	2	0	613	4	0.65
B/Gumuz	1	3	0	3	0	177	15	8.47
Harari	1	8	7	1	4	99	2	2.02
Tigray	1	5	1	4	0	26	3	11.54
Total	58	296	65	231	433	29487	422	1.43

Cholera treatment facilities

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

- National EPHI team (Directors) in the presence of EPHI's DDG H.E. Dr melkamu visited regional (Amhara, Oromia, Afar, Sidama) PHEOCs to identify challenges and for bilateral action point and partners has also engaged.
- OCV campaign in Afar, CER, SER, Sidama and Oromia has started on November 11, 2023. Its launching has started at Afar in the presence of sate minster of MoH, DG/EPHI & WHO. **Its campaign performance coverage is 98.3% (1,442, 285) as of this day report. 6th round campaign has started on 29 November 2023 and achieved 99.7% coverage**
- In 7th and 8th round of ICG support (10,339,558 of which 7th round was imported and 8th round is under importation. 5th and 6th round OCV campaign achieved 99% and will be finalized in this week**
- Third round cross-border/IGAD coordination meeting was conducted
- Cumulative 224 water samples are tested by EPHI/UNICEF. Six EMWAT kits were installed on prioritized cholera affected woredas (WaSH cluster).
- National and regional (Oromia and Amhara) IAR is under finalization





Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

Cumulative cholera case (#) since August 27, 2022

30,334

Cumulative cholera case (#) since January 1, 2023

29,487

Cumulative severe dehydration patients (#), Since Jan 2023

15,104

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

449

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

1.48

Cholera cases (#) of week 52 (2023)

165

So far cholera affected woredas/#

307

Cholera epidemic (#) active woredas

65

Cumulative cholera (#) in cholera epidemic active woredas

6649

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

109

CFR (%) in cholera active woredas

1.64

New cases (Date of onset) in last 3 days

1

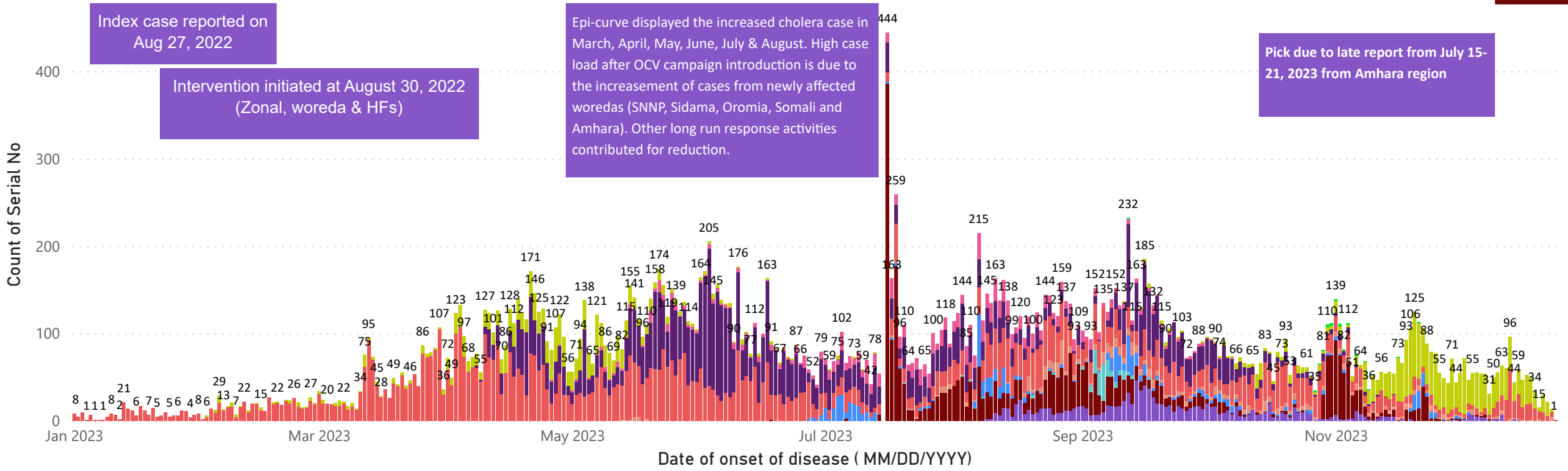
New case seen at HF's in the last 3 days

1

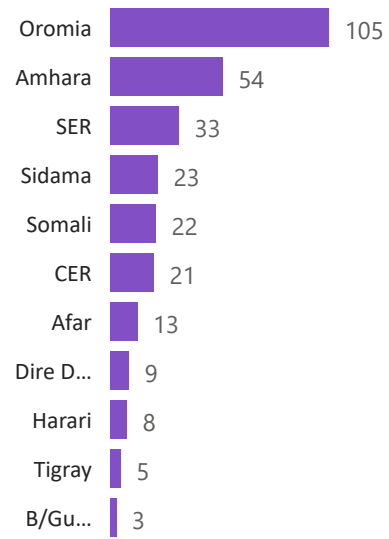
Epi-curve of cholera outbreak, Ethiopia, since January 1, 2023

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

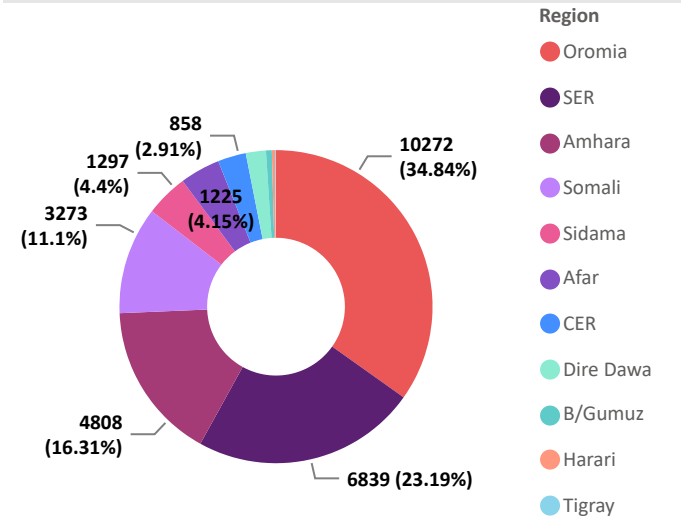
n= 29487



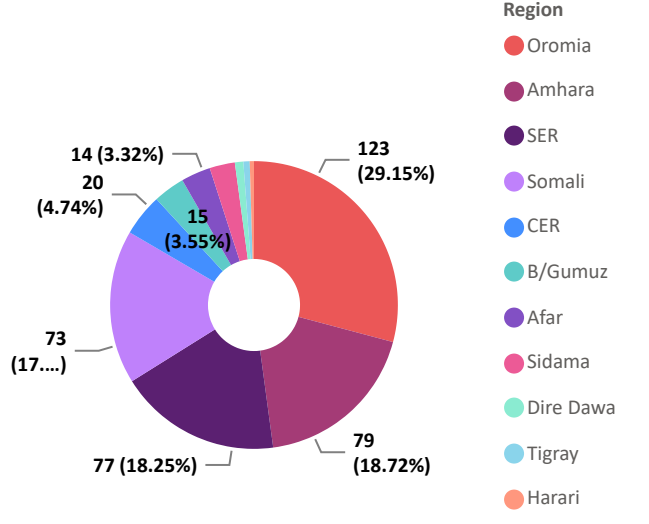
So far cholera affected woredas since January 1/2023



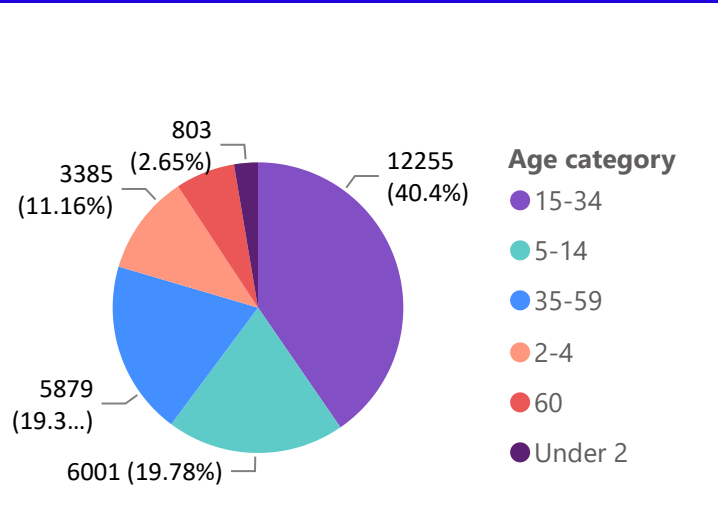
Cholera case by region, since January 1/2023



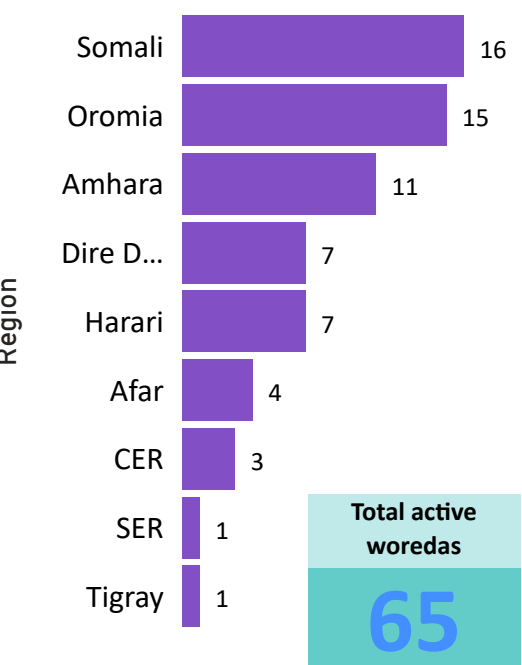
Death due to cholera by region, January 1/2023



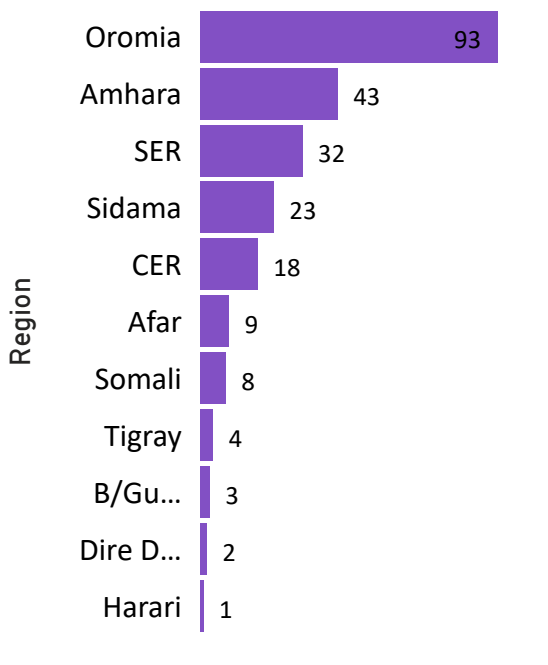
Cholera case by age category, Ethiopia



Woredas in ongoing cholera, Ethiopia



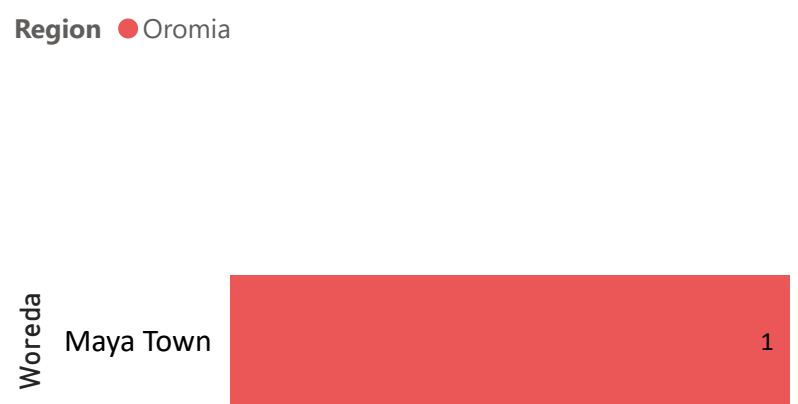
Controlled woredas, Ethiopia



New affected woreda in the last 15 days (Note: no data is equal to No affected woreda in the last 7 days, Ethiopia)



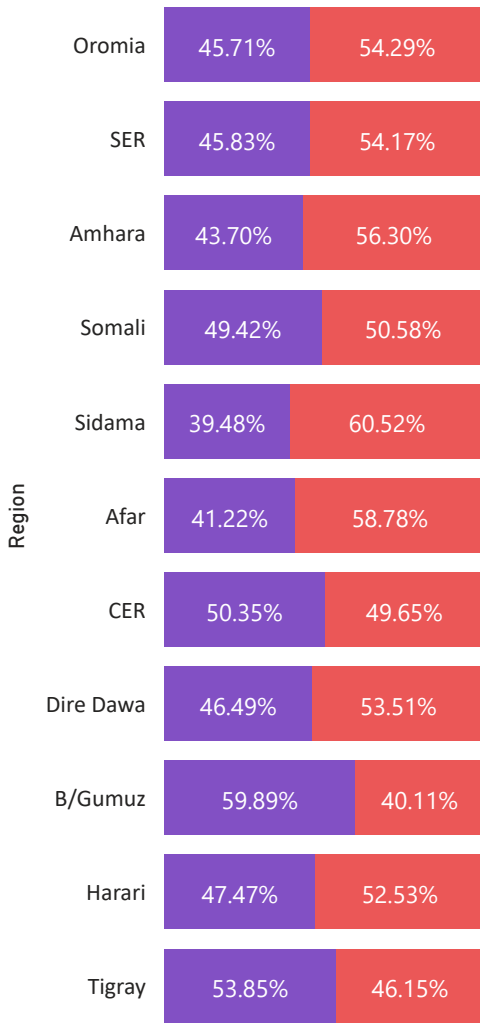
New cases seen at HF in last three days (Note: If there is no data is equal to no new case or all additional cases are late report, Ethiopia)



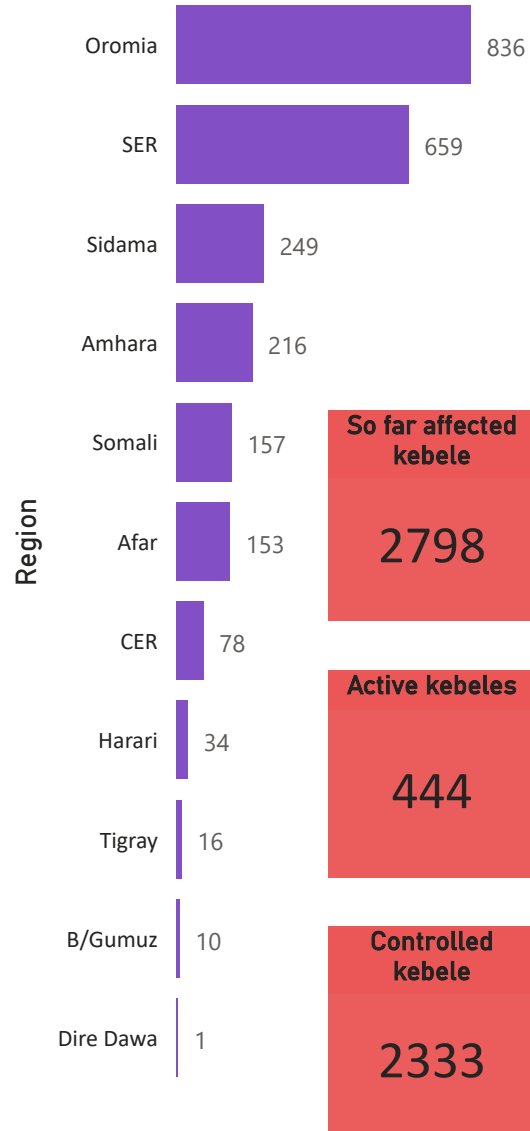
Number of cholera affected kebele & cases (#)

Number of cholera cases by sex, Ethiopia

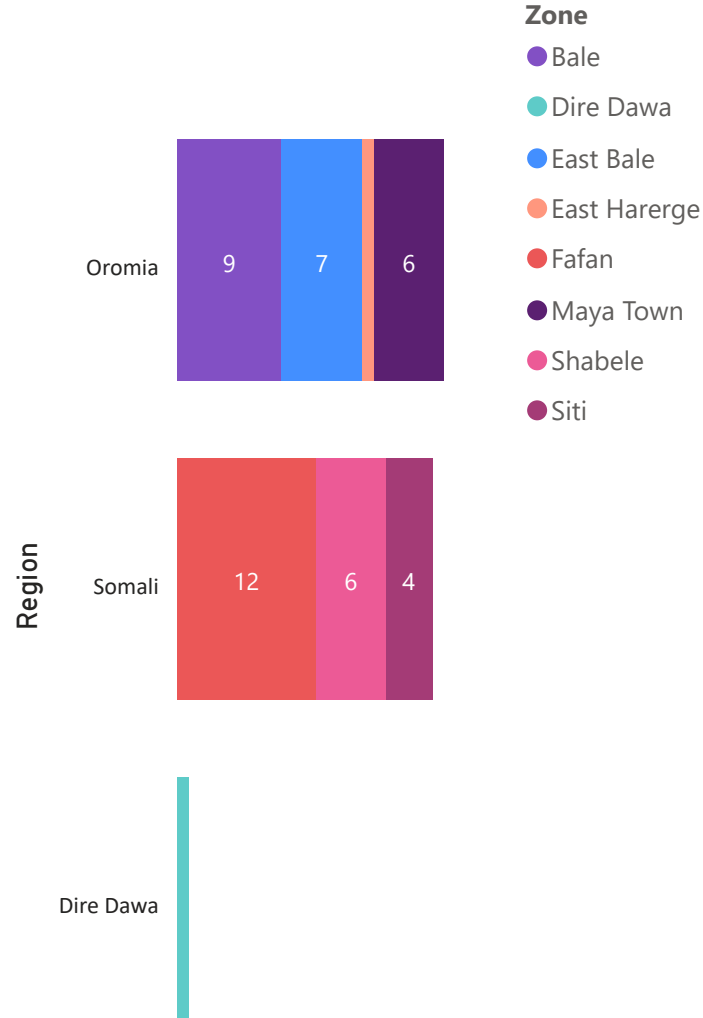
Sex (M... ● Female ● Male



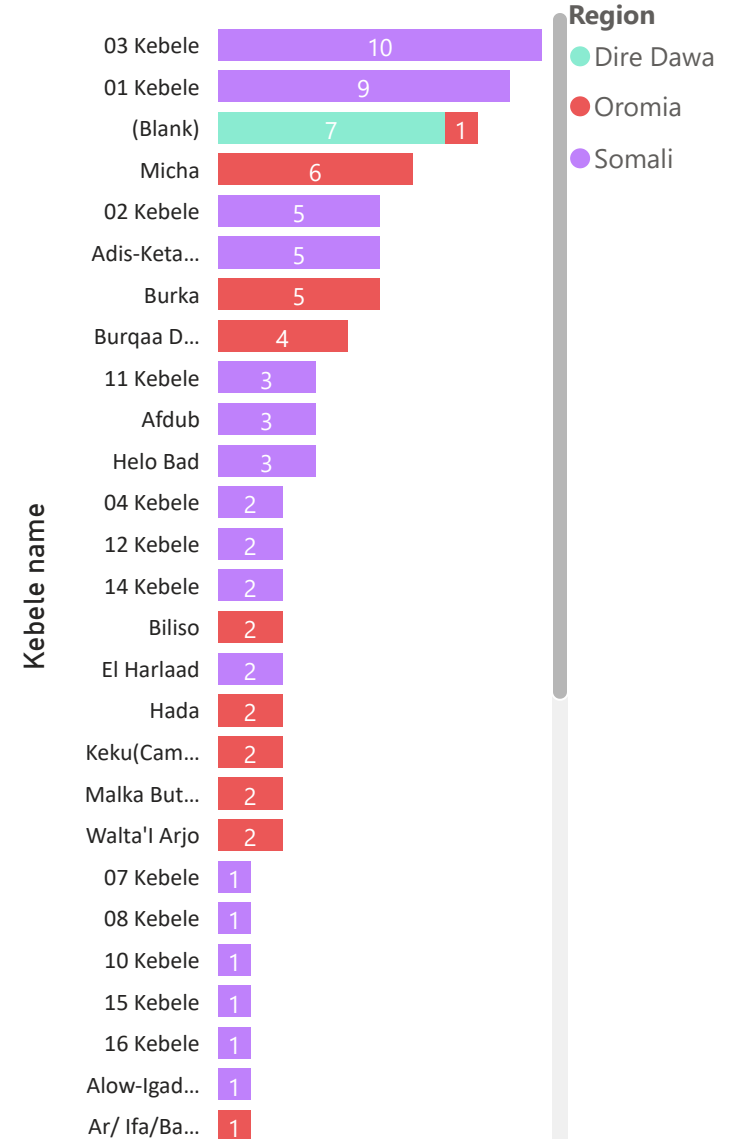
Number of affected Kebele since January 2023, Ethiopia



Number of affected Kebele in the last 7 days



Number of cholera cases by Kebele in the last 7 days





Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

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

11

Woreda	Case	Death	Zero day report	Woreda status
Abergele	1		42	Active
Dehana	8	1	41	Active
Bahir Dar Town	222	4	37	Active
Ofla	7		35	Active
Raya Kobo	9		35	Active
Kobo Town	53		34	Active
Alamata Town	139	2	31	Active
Sekota Zuria	9		29	Active
Wofla	103	3	27	Active
Gazgibla	88		19	Active
Korem	36		19	Active
Woldia Town	45	1	18	Active

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

28

Woreda	Case	Death	Zero day report	Woreda status
Shashemene Town	57	1	30	Active
Silti	388	10	26	Active
Gelana	635	13	25	Active
Lanfuro	6		23	Active
Tora Town Admin	7		23	Active
Abaya	370	1	21	Active
Metahara Town	21		19	Active
Shashemene	8		18	Active
Fentale	139	1	16	Active
Kersa	106		15	Active
Negele Arsi Town	16		15	Active
Negele Arsi	42		13	Active
Lege Hida	4		8	Active
Gola Oda	119		6	Active
Sinana	8	1	5	Active
Goro	507	5	4	Active
Sawena	161	2	3	Active
Maya Town	223		2	Active

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

26

Woreda	Case	Death	Zero day report	Woreda status
Melka Jebdu	24	1	41	Active
Wonago	220	3	41	Active
Aysaita	45	1	39	Active
Jeldesa	40		39	Active
Amibara	100		37	Active
Sabian	26		24	Active
Semera-Logiya	148	1	23	Active
Addis Ketema	50		15	Active
Wahil	18		15	Active
Golina	49	1	11	Active
Dire Dawa	14		10	Active
Legahare	410	2	3	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

Woreda	Case	Death	Zero day report	Woreda status
Kabribayah City	4		42	Active
Mayamuluqe	62	8	34	Active
Hakim	11		31	Active
Amir-Nur	7		23	Active
Shenkor	3		22	Active
Jinaksan	1		21	Active
Abadir	2		20	Active
Lagahida	197	8	20	Active
Babili	7	1	19	Active
Tuli Guled	16		19	Active
Direteyara	7		15	Active
Jinela	15		15	Active
Sofi	41	2	15	Active
Dhunyar	105	15	13	Active
Shabeley	13		12	Active
Awbare	1		10	Active
Daymed	41		10	Active
Tog Wajale	13		8	Active
Kelafo	370	6	7	Active
Gota Biki	172	2	6	Active
Erer(Sm)	171	4	4	Active
Gursum(Sm)	28		4	Active
Jigjiga City	681	9	3	Active

Woreda	Case	Death	Zero day report	Woreda status
Melka Jebdu	24	1	41	Active
Jeldesa	40		39	Active
Sabian	26		24	Active
Addis Ketema	50		15	Active
Wahil	18		15	Active
Dire Dawa	14		10	Active
Legahare	410	2	3	Active



Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

Woreda	Case	Zero day report	Woreda status
Abakarow	13	48	Controlled
Alle	853	168	Controlled
Amaro	261	140	Controlled
Arba Minch Town	45	155	Controlled
Arba Minch Zuria	414	82	Controlled
Basketo	5	133	Controlled
Bena Tsemay	183	177	Controlled
Beto Town	3	226	Controlled
Burji	127	141	Controlled
Charati	49	166	Controlled
Chelelekitu Ta	77	126	Controlled
Daramalo	76	58	Controlled
Demba Gofa	257	137	Controlled
Dilla Town	75	119	Controlled
Dilla Zuria	168	71	Controlled
Dolobay	62	201	Controlled
Garda Marta	436	209	Controlled
Gerese Town	8	178	Controlled
Gerese Zuriya	190	200	Controlled
Hamer	15	179	Controlled
Kabribayah Woreda	11	44	Controlled
Kamba Town	54	76	Controlled
Kamba Zuria	942	67	Controlled
Karat Town	38	152	Controlled
Karat Zuria	282	135	Controlled
Kena	281	133	Controlled
Kochore	105	94	Controlled
Kolme	12	143	Controlled
Malle	184	143	Controlled
Moyale/Sml	546	194	Controlled
North Ari	112	101	Controlled
Salamgo	2	175	Controlled
Sawla	252	99	Controlled
Segen Zuria	770	133	Controlled
Uba Debretsehay	42	227	Controlled

Number of controlled woredas

242

Woreda	Case	Zero day report	Woreda status
Arero	3	199	Controlled
Babile	17	45	Controlled
Babile Town	6	49	Controlled
Bedeno	17	44	Controlled
Berberere	246	680	Controlled
Dawe Kachen	145	763	Controlled
Delo Mena	22	439	Controlled
Dire	35	205	Controlled
Dubuluk	73	181	Controlled
Elweye	3	212	Controlled
Fedis	1	77	Controlled
Gasera	169	89	Controlled
Ginir	262	215	Controlled
Ginir Town	46	208	Controlled
Gololcha	192	48	Controlled
Goro	73	360	Controlled
Goro Dola	371	234	Controlled
Guchi	32	212	Controlled
Gumi Eldallo	85	235	Controlled
Gura Damole	23	707	Controlled
Gurawa	63	50	Controlled
Gursum	1	68	Controlled
Haramaya	164	45	Controlled
Harena Buluk	71	446	Controlled
Holeta Town	3	147	Controlled
Jarso	5	71	Controlled
Kumbi	39	44	Controlled
Kurfa Chele	39	51	Controlled
Liben	159	231	Controlled
Mada Walabu	27	693	Controlled
Mayu Muluke	9	44	Controlled
Melka Belo	4	58	Controlled
Miyo	61	179	Controlled
Moyale	92	208	Controlled
Moyale Town	753	204	Controlled
Negele Town	202	232	Controlled
Raitu	37	274	Controlled

Number of controlled woredas, Oromia, 2022

9

Woreda	Case	Zero day report	Woreda status
Abakarow	13	48	Controlled
Adaba	1	172	Controlled
Adola Rede	7	248	Controlled
Adola Woyu	10	231	Controlled
Aga Wayu	221	170	Controlled
Babile	17	45	Controlled
Babile Town	6	49	Controlled
Bedeno	17	44	Controlled
Bokoji	2	189	Controlled
Bokoji Town	3	119	Controlled
Bore	2	138	Controlled
Dangur	166	98	Controlled
Digalu Tijo	24	97	Controlled
Dodola	15	147	Controlled
Dodola Town	33	142	Controlled
Dollo Ado	710	186	Controlled
Fedis	1	77	Controlled
Gedeb Hasasa	140	111	Controlled
Girja	514	528	Controlled
Guradamole/Sml	155	385	Controlled
Gurawa	63	50	Controlled
Gursum	1	68	Controlled
Haramaya	164	45	Controlled
Heban Arsi	28	55	Controlled
Hoboroso	1	245	Controlled
Holeta Town	3	147	Controlled
Honkolo Wabe	14	121	Controlled
Jarso	5	71	Controlled
Kabribayah Woreda	11	44	Controlled
Kersadula	44	385	Controlled
Kofale	13	88	Controlled
Kore	2	157	Controlled
Kumbi	39	44	Controlled
Kurfa Chele	39	51	Controlled
Lemu Bilbilo	156	91	Controlled
Mandura	2	106	Controlled
Mayu Muluke	9	44	Controlled

Number of controlled woredas, Somali, 2022

2

Yabelo Town	16	212	Controlled
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Mensebo	261	534	Controlled
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Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

Woreda	Case	Zero day report	Woreda status
Abeshge	149	132	Controlled
Adilo	1	105	Controlled
Adilo Zuriya	1	121	Controlled
Aleta Chuko Town	9	97	Controlled
Aleta Chuko Woreda	24	63	Controlled
Aleta Wondo	80	134	Controlled
Anlemo	3	162	Controlled
Aroresa	3	185	Controlled
Bensa	22	96	Controlled
Bona	79	87	Controlled
Bursa	1	145	Controlled
Chabe Gambeltu	17	162	Controlled
Dara	296	50	Controlled
Dara Otilcho	87	152	Controlled
Debub Sodo	3	128	Controlled
Duna	1	174	Controlled
East Badawacho	10	166	Controlled
Gibe	2	164	Controlled
Gimbichu Town	9	171	Controlled
Gombora	2	169	Controlled
Gorche	9	90	Controlled
Hawassa Town	176	123	Controlled
Hawassa Zuria	39	105	Controlled
Hawell Tulla	77	96	Controlled
Hoko	2	164	Controlled
Hossana Town	52	160	Controlled
Hulla	15	126	Controlled
Leku	1	101	Controlled
Lemo	12	161	Controlled
Malga	122	113	Controlled
Shafamo	6	131	Controlled
Shebedino	1	214	Controlled
Shone Town	12	155	Controlled
Siraro Badewacho	15	152	Controlled
Sodo	72	112	Controlled
Soro	102	164	Controlled
Teticha	1	102	Controlled
Werra	10	111	Controlled
West Badewacho	1		
Wondogenet	69		

Woreda	Case	Zero day report	Woreda status
Adea Berga	80	90	Controlled
Akaki	2	194	Controlled
Bishoftu Town	11	111	Controlled
Bora	13	126	Controlled
Boset	15	109	Controlled
Burayu Sub City	85	114	Controlled
Ejere	2	122	Controlled
Furi Sub City	11	106	Controlled
Gefersa Guje Subcity	16	112	Controlled
Gelan Guda Sub City	2	145	Controlled
Jeldu	1	130	Controlled
Koye Fache Sub City	102	79	Controlled
Laga Tafo Laga Dadi Sub City	45	80	Controlled
Liben Chukala	183	127	Controlled
Lume	4	123	Controlled
Melka Nono Sub City	11	137	Controlled
Meta Robi	4	107	Controlled
Sululta Sub City	82	120	Controlled

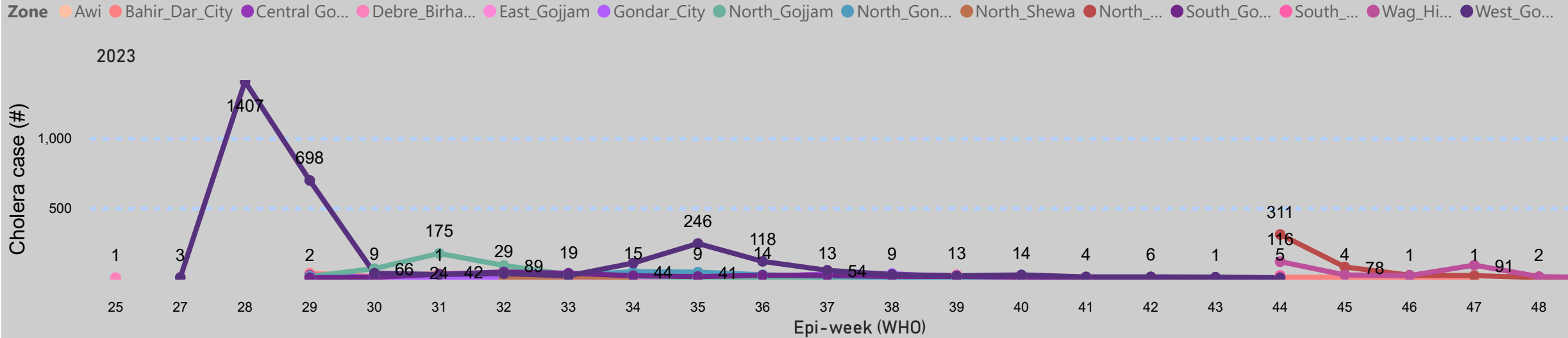
Woreda	Case	Zero day report	Woreda status
Alefa	18	127	Controlled
Ankasha Guagusa	1	161	Controlled
Bahir Dar Zuria	364	98	Controlled
Birbira Kojowa	44	148	Controlled
Bule Hora	134	170	Controlled
Chagni	1	147	Controlled
Chilga 1	10	125	Controlled
Dabat	9	87	Controlled
Debarok Town	3	160	Controlled
Dera	127	95	Controlled
Dugda Dawa	110	168	Controlled
East Dembia	26	94	Controlled
Ebinat	7	124	Controlled
Estie	1	133	Controlled
Hulet Eju Enese	5	121	Controlled
Janamora	145	82	Controlled
Jawi	1	163	Controlled
Kercha	76	189	Controlled
Libokemkem	12	81	Controlled
Melka Soda	601	158	Controlled
Simada	1	130	Controlled
Suro Barguda	219	142	Controlled
Tach Armachiho	6	135	Controlled
Takusa	28	76	Controlled
West Belesa	61	93	Controlled
West Telemt	2	120	Controlled
Woreta Town	52	65	Controlled
Yilmana Densa	16	124	Controlled

Number of controlled woredas

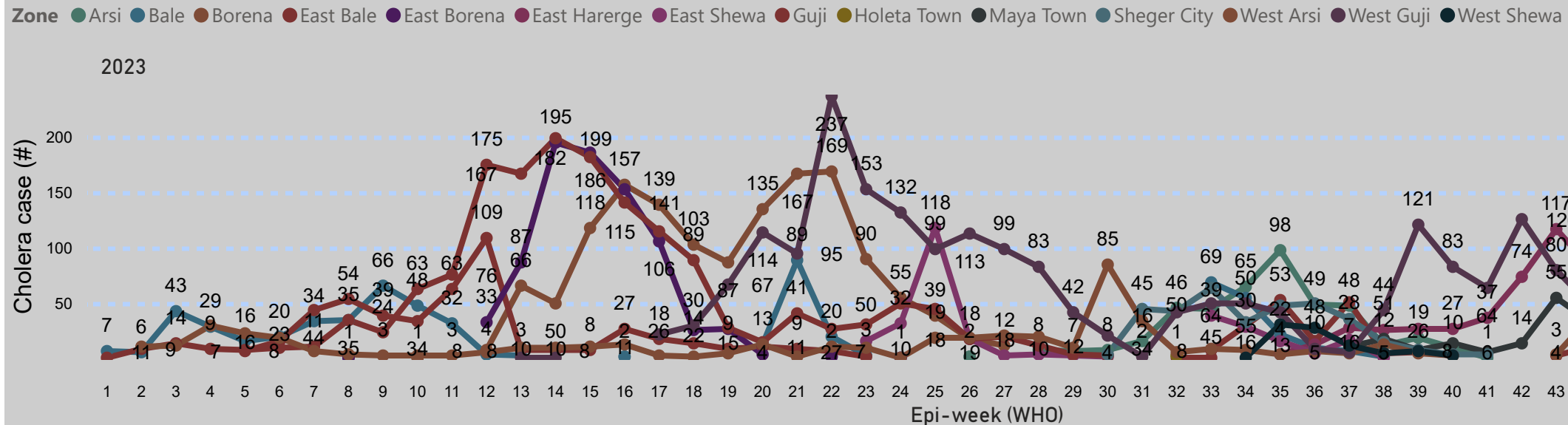


Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

Cholera trend by Epi-week, Zone/Amhara



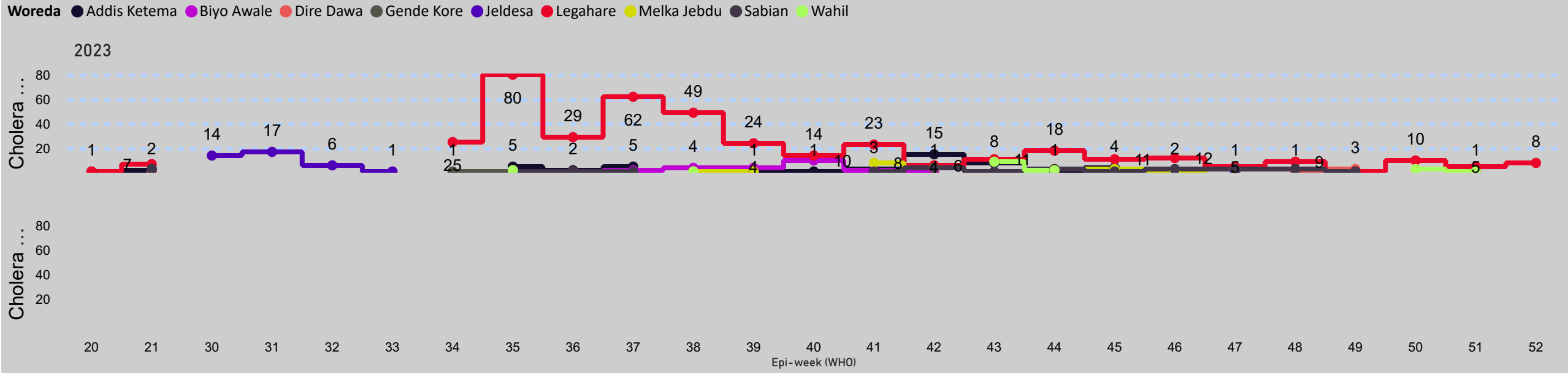
Cholera epidemiological trend by Epi-week, Zone/Oromia, Since January 2023



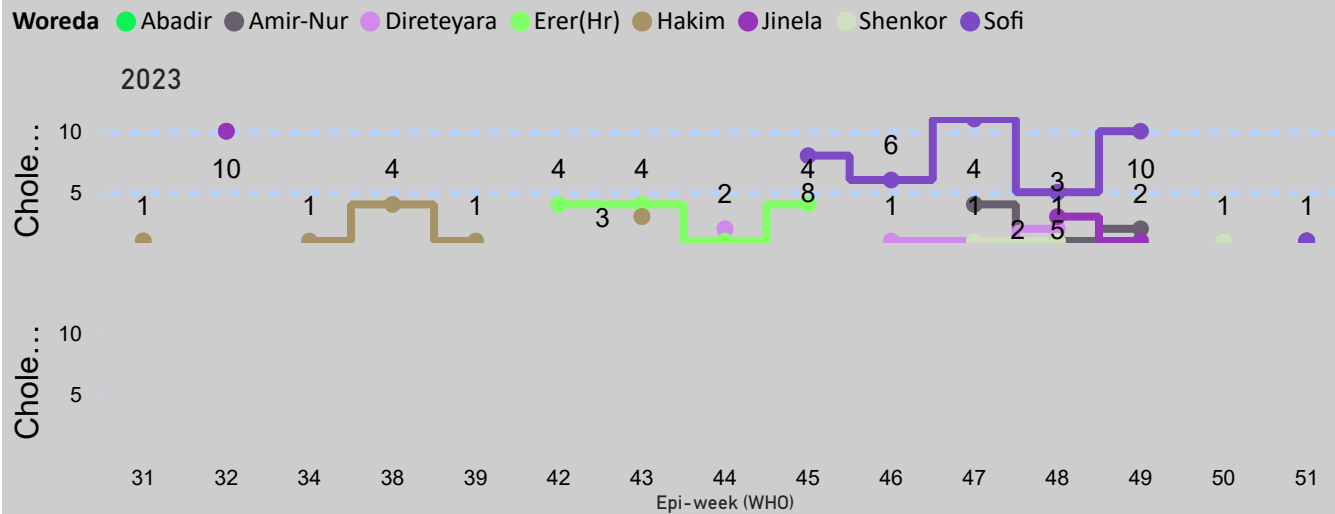


Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

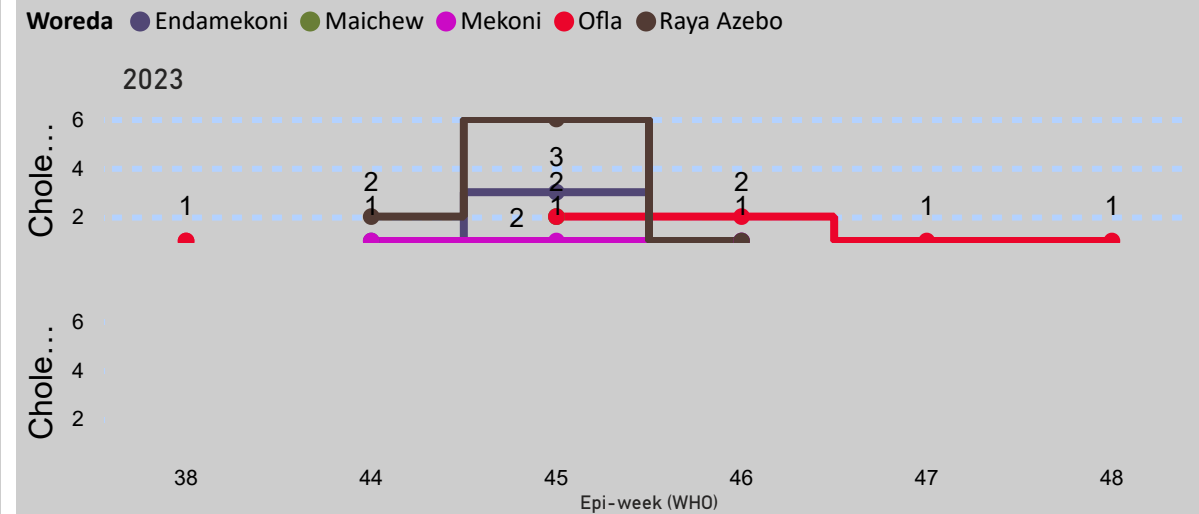
Cholera trend by Epi-week, Woreda/Dire Dawa



Cholera trend by Epi-week, Woreda/Harari



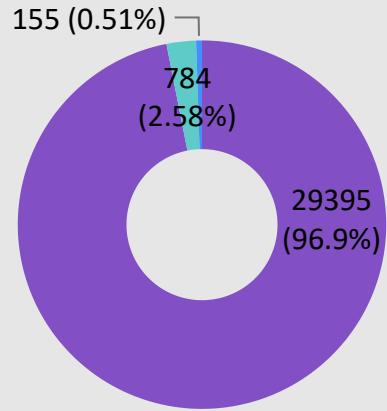
Cholera trend by Epi-week, Woreda/Tigray





Bacterial Disease Surveillance and Response Weekly SITREP, Ethiopia

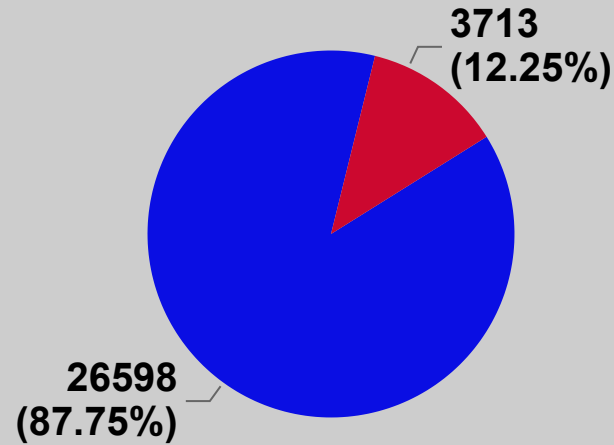
OCV vaccination status (0, 1 & 2) of cholera patients, Ethiopia, Since January 2023



Vaccination stat... 0 1 2

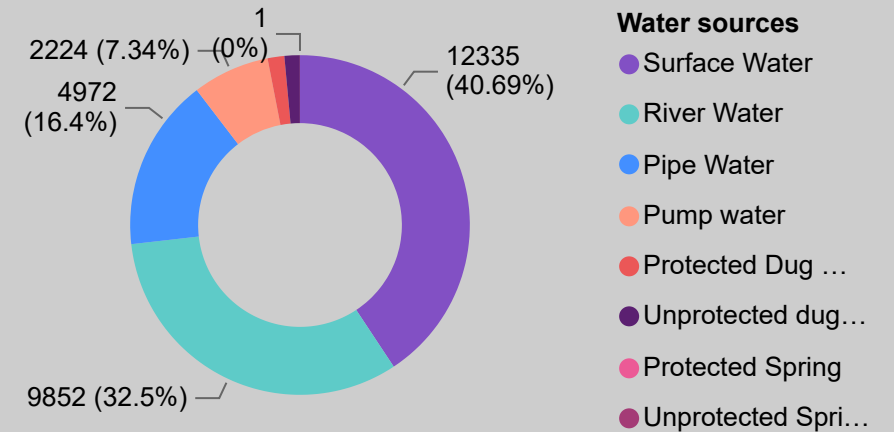
n= 30334

Travel history of cholera patients by woreda, Ethiopia



Travel history for a... No Yes

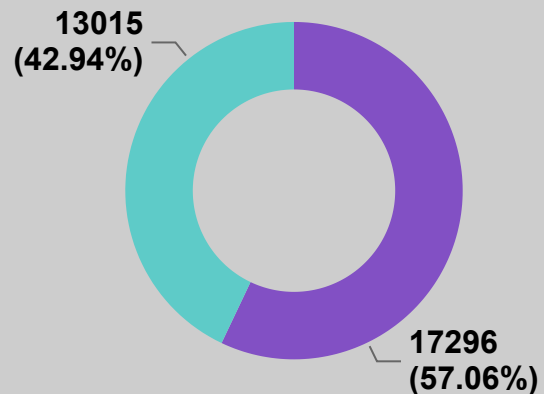
Water source for cholera patients, Ethiopia (Source: cholera line list)



Water sources

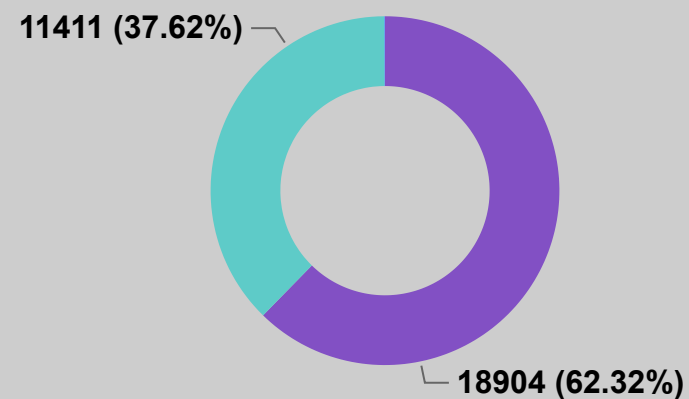
- Surface Water
- River Water
- Pipe Water
- Pump water
- Protected Dug ...
- Unprotected dug...
- Protected Spring
- Unprotected Spri...

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

- **Six weeks cholera control plan has prepared and shared for review**
- CATI response strategy has piloted in Jigjiga city, Somali (EPHI & MSF-H)
- National EPHI team (Directors) in the presence of EPHI's DDG H.E. Dr melkamu visited APhi-PHEOC to identify gaps and challenges on Amhara region current major outbreak situation and for bilateral action point follow up meeting (21 November 2023), partners has also engaged.
- EPHI in collaboration to Africa CDC provided 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 **3585** HCWs in affected regions
- Daily TF meeting with daily sharing of minutes (Kersadula)
- 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
- 89 water points were established
- Six EMWAT kit is installed (5 in Oromia and 1 Somali)
- Water trucking is done, and it is ongoing
- 69 water tanks were distributed
- 56,056 Jericans were supported
- 30 hand washing facilities (Amhara)
- 30 hand washing facilities (Amhara)

Somali (Current expanding outbreak)

- 90 boxes Water treatment chemicals were distributed (Somali)
- 2/4 drinking water samples were positive for fecal coliform
- 50 health sciences students have been deployed

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

- **HEWs, religious leaders, megaphone and local medias are utilizing in Somali**
- 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)



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5

Targeted Region

11

Targeted Zone

31

Targeted Weredas

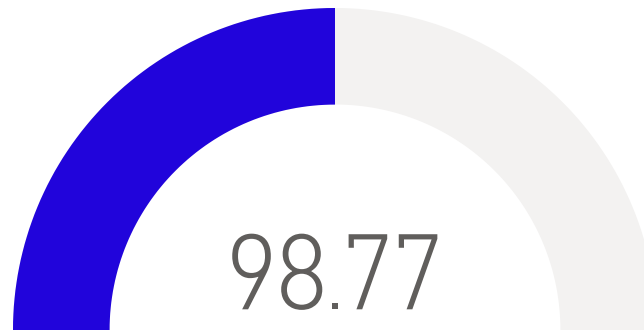
Highlight on OCV campaign 2022 and 2023 for current cholera epidemics (Started in August 27/2022), Ethiopia

- **8th round of ICG support:** 766,180 doses are under importation by UNICEF
- **7th round of ICG support:** 1,223,254 doses are imported and on pre-campaign activities
- **6th round of ICG support:** 862,352 doses OCV campaign has cascaded and achieved 99.7% in East Harerge and West Guji zones.
- **5th round of ICG support:** 1,522,495 doses approved and these are imported (UNICEF). Its campaign started on 11 November 2023. Campaign was started on 11 November 2023. 5 days performance is **98.3%**
- **4th round of ICG support:** 1,917,913 OCV doses were supported from ICG for Amhara region outbreak response. Its campaign cascaded in Amhara at Sep 16, 2023. Campaign launching was held at Sep 16 at Bahir Dar city. **1,917,913 (99.5%)** targeted pop were vaccinated in 9 woredas.
- **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 dozes 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

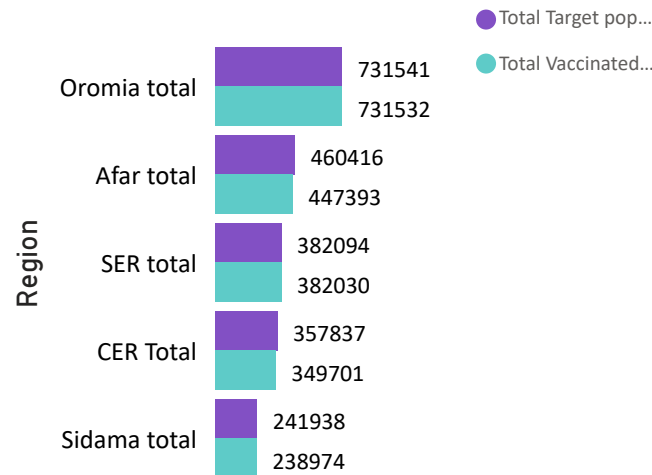
Major activities done during campaign:

- OCV campaign daily performance evaluation zoom meeting
- 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

Afar, SER, CER, Sidama and Oromia OCV campaign coverage for current cholera epidemics, Ethiopia, 2023



Afar, SER, CER & Sidama OCV campaign by region (Sep 16-23, 2023), Ethiopia, 2023



Afar, SER, CER & Sidama OCV campaign performance by woreda (Sep 16-23, 2023), Ethiopia, 2023

Region	Wereda	Target Pop/#	Vaccinated/#	Coverage(%)
Afar	Amibara	78292	77202	98.61
Afar	Awash 7 kilo town	21439	21021	98.05
Afar	Awash Fentale	18069	17398	96.29
Afar	Aysieta	87721	81107	92.46
Afar	Dubti Town	31424	30443	96.88
Afar	Dubti woreda	58527	58337	99.68
Afar	Dulecha	25569	24792	96.96
Afar	Hanruka	38969	38633	99.14
Afar	Samara_Logya	41859	41759	99.76
Afar	Teru	58547	56701	96.85
CER	Misrak Badwacho	122269	122269	100.00
CER	Silti	235568	227432	96.55
Oromia	Abaya	99785	99785	100.00
Oromia	Bedeno	56178	56175	99.99
Oromia	Gelana	90400	90395	99.99
Oromia	Girawa	60504	60504	100.00
Oromia	Gole Oda	52043	52043	100.00
Oromia	Haromaya	81463	81463	100.00
Oromia	Kersa	87950	87949	100.00
Oromia	Kumbi	51552	51552	100.00
Oromia	Kurfa Chele	84860	84860	100.00
Oromia	Mayu Muluke	66806	66806	100.00
SER	Daramalo	60582	60576	99.99
SER	Kamba Zuria	100094	100065	99.97
SER	Wonago	112755	112728	99.98
SER	Yirgachefe	108663	108661	100.00
Sidama	Dara	74150	71193	96.01
Sidama	Malga	35195	35188	99.98
Sidama	Wondogenet	132593	132593	100.00
Total	Total	2173826	2149630	98.89

Best practice on OCV

- 5th and 6th round OCV campaign performance is more than 98%
- 14,000 OCV doses for CATI response implementation (EPHI & MSF-H). It was mobilized from 5th round of ICG approved dose
- Post OCV campaign coverage survey is planned (ODK tool is finalized) in 7 regions



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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 (Somali, Oromia and Amhara)
- **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:

- **25 CTC for East Amhara, 8 CTC for Tigray and 5 CTCs for Somali were mobilized**
- Among 337 required CTCs, a total of 188 were dispatched
- 12 MHNTs contract has extended (Amhara)
- 2 vehicles

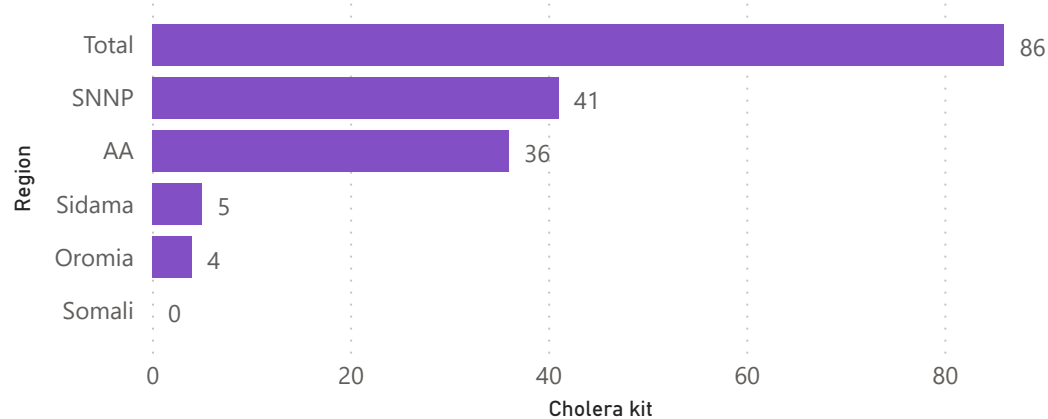
WHO's new support:

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

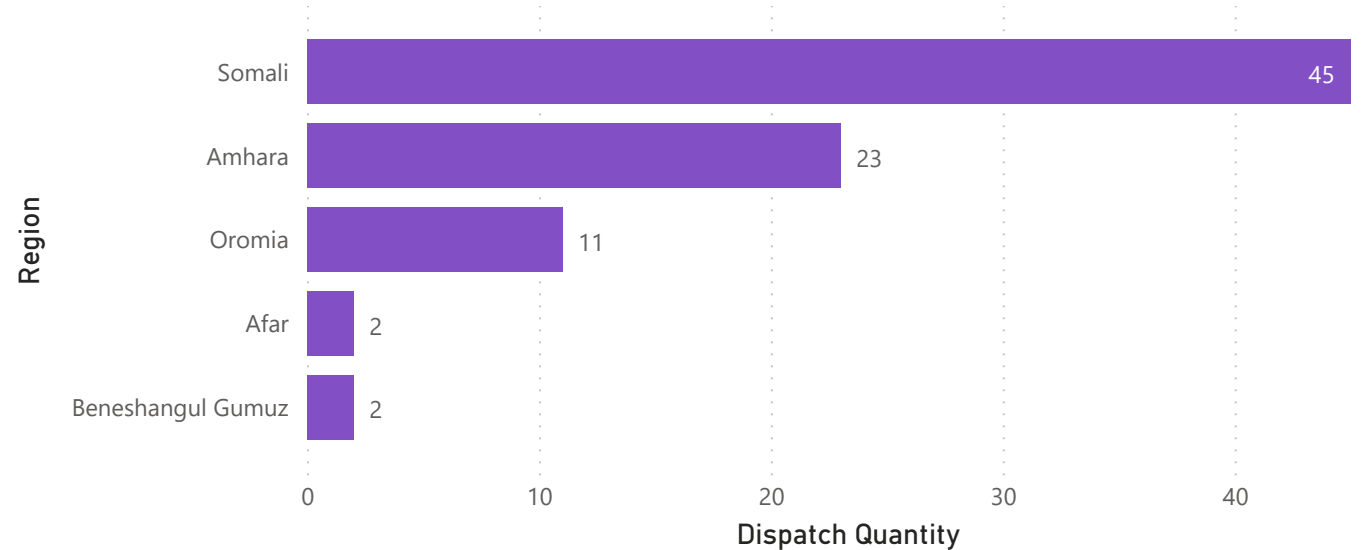
CDC USA's new support:

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

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



New dispatched cholera treatment kits (from WHO)



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



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Major gaps & challenges cholera outbreak control

- Flood induced IDP in Somali and Conflict induced IDP in Amhara
- **Vehicle shortage affects response operation including campaign (OCV, WaSH, case search)**
- WaSH logistics and supply (Somali)
- OCV shortage for newly affected districts in their respective regions
- High risk of spreading further in Refugee 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

- Receiving feedback for six months cholera control plan and advocating it for collaborative implementations
- Following the finalization of national IAR and regional (Oromia, Amhara) IAR
- Following pre-campaign activities in prioritized affected woredas in Tigray
- Follow success of CATI strategy pilot implementation in Jigjiga, Somali (EPHI and MSF-H)
- Implement bilateral action points of EPHI with Amhara, Oromia, and Somali (Agreed on EPHI and regional top leadership)
- Follow up OCV campaign in Afar, SER, CER, and Sidama starting from 11 Nov 2023. Launching was in Afar in the presence of state minister H.E. Dr Dereje, Director General H.E. Dr Mesay, Regional Higher officials, WHO, UNICEF and others
- Follow implementation of action points of the region agreed during ToT (EPHI & Africa CDC)
- Follow up implementation of quick action points (Joint of EPHI/PHEOC, APHI/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 EPHH 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**



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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.

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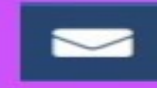
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