



South Sudan
Ministry of Health
Integrated Disease surveillance
and response (IDSR)



**World Health
Organization**
South Sudan

Epidemiological Bulletin Week 10, 2023 **(06- 12 March)**



Major epidemiological highlights in week 10 of 2023

- In week 10, 2023, the IDSR reporting timeliness and completeness were 79% and 89% respectively and timeliness and completeness for EWARN sites were at 94% and 95% respectively
- A total of 119 alerts were triggered in week 10, 2023 most of the alerts were for AWD (37) ,20 measles and 24 malaria alerts
- Ministry of Health Republic of South Sudan declared cholera outbreak in Malakal with a total of 336 cases reported with one (1) death giving a CFR of 0.3% from February 22 to 17 March 2023 from both Malakal IDP camp and town
- Measles outbreaks continue with 5,772 reported; cases, 2,990(51.8%) are epi-linked, 533(9.2%) lab-confirmed, 1,661(28.8%) clinically compatible, and 588(10.2) discarded cases have been reported from epidemiological week 1, 2022, to week 10, 2023
- The persistent transmission of HEV in the Bentiu IDP camp continues with 4,009 cases since the beginning of 2019 and 19 cases reported in week 10 of 2023.

SURVEILLANCE PERFORMANCE



For the Integrated Disease Surveillance (IDSR)
network and Early warning alert and response
network (EWARN)



IDSR timeliness performance at State level for week 10 & 09 of 2023



World Health Organization
South Sudan

Timeliness States Ranking	States	Number of reporting sites	No. of HFs Reported on Time in WK 10	Timeliness Percentage of WK 10	No. of HFs Reported on Time in Wk 09	Timeliness Percentage of WK 09
1st	WES	219	216	99%	218	100%
2nd	NBGZ	84	82	98%	78	93%
3rd	CES	128	123	96%	127	99%
4th	EES	105	93	89%	97	92%
5th	Warrap	127	110	87%	107	84%
6th	Lakes	113	88	78%	113	100%
7th	Unity	95	68	72%	72	76%
8th	Jonglei	116	66	57%	70	60%
9th	Upper Nile	101	55	54%	83	82%
10th	WBGZ	78	25	32%	76	97%
	South Sudan	1166	926	79%	1041	89%

KEY

	<60%	Poor
	61%-79%	Fair
	80%-99%	Good
	100%	Excellent

The Timeliness of IDSR Reporting (Supported by EWARS Web and Mobile) at health facility level in week 10 stands at 79% while in week 09 it was 89% and 5 states were above the target of 80% in week 10.

Reporting Challenges in the poorly performed States are; insecurity, internet inaccessible; Turnover of Partners.



DSR Completeness performance at State level for week 10 & 09 of 2023



Completeness States Ranking	States	Number of reporting sites	No. of HFs Reported regardless of time in WK 10	Completeness Percentage of WK 10	No. of HFs Reported regardless of time in WK 09	Completeness Percentage of Wk 09
1st	WES	219	219	100%	218	100%
2nd	Lakes	113	112	99%	113	100%
3rd	NBGZ	84	82	98%	82	98%
4th	EES	105	102	97%	103	98%
5th	CES	128	123	96%	127	99%
6th	Warrap	127	114	90%	107	84%
7th	WBGZ	78	68	87%	76	97%
8th	Unity	95	77	81%	79	83%
9th	Upper Nile	101	67	66%	84	83%
10th	Jonglei	116	73	63%	70	60%
	South Sudan	1166	1037	89%	1059	91%

KEY

	<60%	Poor
	61%-79%	Fair
	80%-99%	Good
	100%	Excellent

The Completeness of IDSR Reporting (Supported by EWARS Web and Mobile) at health facility level in week 10 stands at 89% while in week 09 it was 91% and 8 states were above the target of 80% in week 10.

Reporting Challenges in the poorly performed States includes; insecurity; internet inaccessible; Turnover of Partners, Floods.



Surveillance: EWARS Timeliness performance indicator by partner for week 10 and 09 of 2023



Partner	HFs	Reporting	Performance		
PARTER	Number of reporting sites	# of reports received on Time in Week 10	Timeliness of Week 10	# of reports received on Time in Week 09	Timeliness of Week 09
HFO	8	8	100%	8	100%
CIDO	1	1	100%	1	100%
Medicair	5	5	100%	5	100%
TRI-SS	2	2	100%	2	100%
World Relief	3	3	100%	3	100%
AFAA	1	1	100%	1	100%
IMC	22	22	100%	22	100%
SMC	6	6	100%	6	100%
SSHCO	1	1	100%	1	100%
UNIDOR	2	2	100%	2	100%
MSF-H	4	4	100%	4	100%
IRC	1	1	100%	1	100%
IOM	10	9	90%	9	90%
Islamic Relief	5	4	80%	5	100%
MSF-E	6	4	67%	4	67%
SCI	2	1	50%	2	100%
TOTAL	79	74	94%	76	96%

The Timeliness of EWARS in partners' supported sites stands at 94% in week 10 while in week 09 it was at 96%.

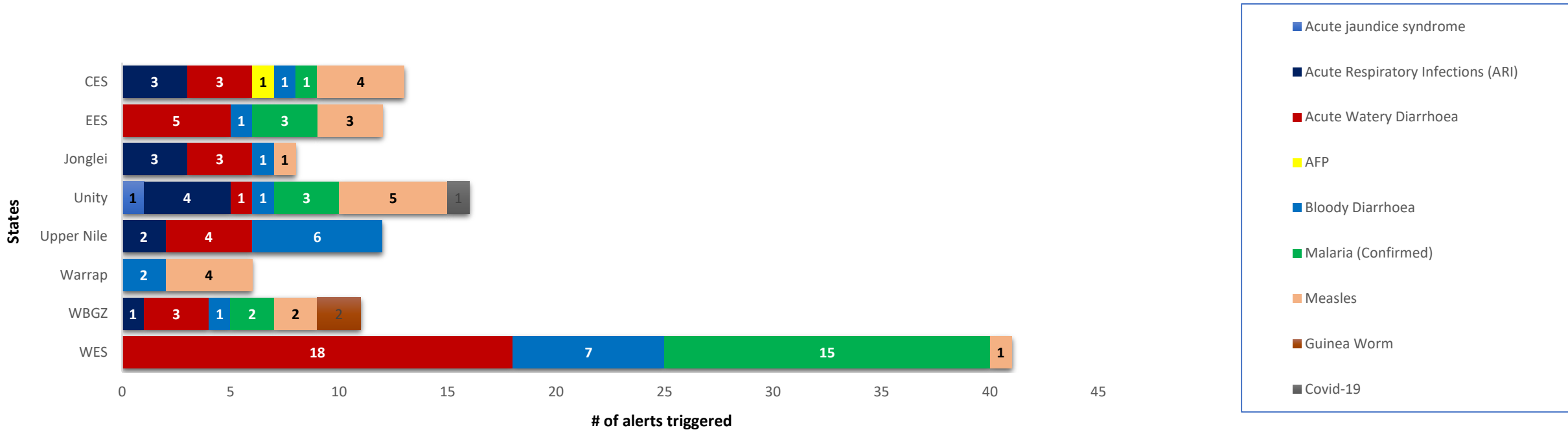


Surveillance: EWARS completeness performance indicator by partner for week 10 and 09 of 2023



Partner	HF's	Reporting	Performance		
PARTER	Number of reporting sites	# of reports received regardless of Time in Week 10	Completeness of Week 10	# of reports received regardless of Time in Week 09	Completeness of Week 09
IRC	1	1	100%	1	100%
SMC	6	6	100%	6	100%
HFO	8	8	100%	8	100%
CIDO	1	1	100%	1	100%
Medicair	5	5	100%	5	100%
TRI-SS	2	2	100%	2	100%
World Relief	3	3	100%	3	100%
AFAA	1	1	100%	1	100%
SCI	2	2	100%	2	100%
UNIDOR	2	2	100%	2	100%
IMC	22	22	100%	22	100%
MSF-H	4	4	100%	4	100%
SSHCO	1	1	100%	1	100%
IOM	10	9	90%	9	90%
Islamic Relief	5	4	80%	5	100%
MSF-E	6	4	67%	4	67%
TOTAL	79	75	95%	76	96%

The Completeness of EWARS in partners' supported sites stands at 95% in week 10 while in week 09 it was at 96% .



This week a total of 119 Alerts were triggered of which 60 are from outbreak prone diseases as Per the broken-down below

- ❖ 37 AWD alerts: these alerts were triggered from the following States, CES(3), EES(5), Jonglei (3), Lakes (3), Unity (1), UNS(4), and WES(18), WBGZ(3)
- ❖ 20 Measles alert: these were triggered from following County; Wau(2); Torit(1); Tambura(1); Pariang (2); Panyijiar (3); Nyirol(1); Lainya (1); Kapoeta South (2); Juba (3); Gogrial West(1); Gogrial East(1); Abyei(1)
- ❖ 1 AJS alert: this was from MSF-H Bentiu IDP Hospital
- ❖ 1 COVID-19 alert: it was from Hakima Yacob PHCC in Pariang County
- ❖ 1 AFP alert: this was from El-Sabah Children Hospital

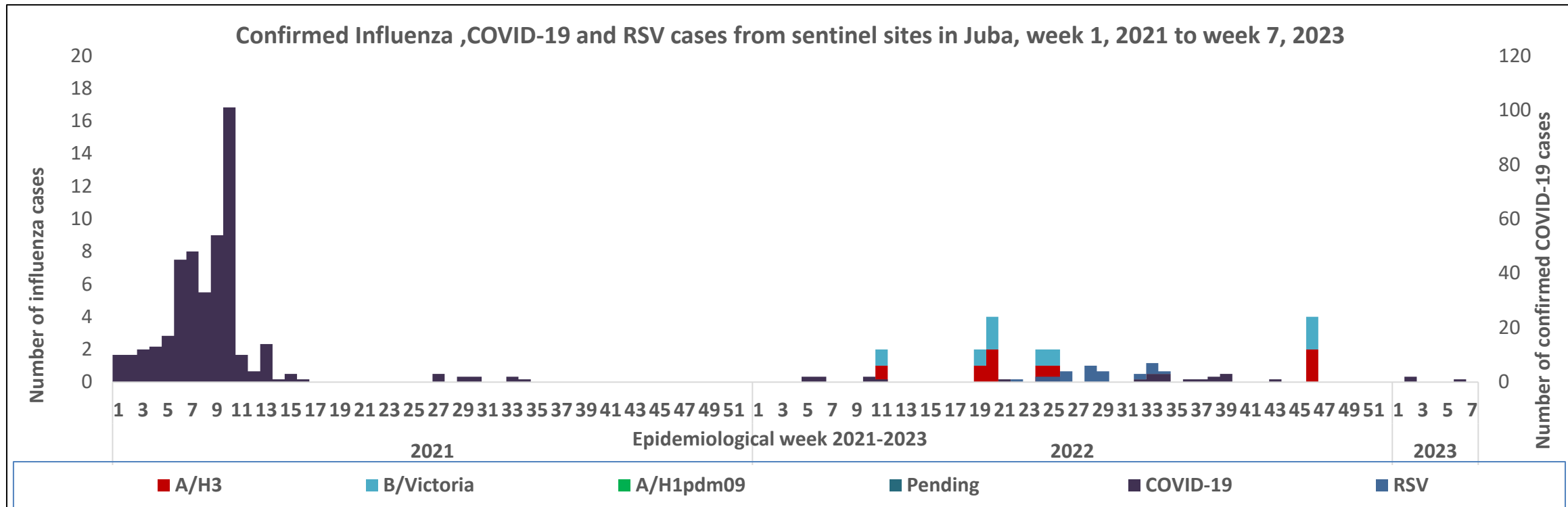
INDICATOR-BASED SURVEILLANCE



Alert management including detection; reporting; verification;
risk assessment; & risk characterization

Influenza sentinel Surveillance updates





- There are currently Four designated Influenza sentinel surveillance sites in Juba (Juba Teaching Hospital and Al Sabah Children’s Hospital Rumbek State Hospital & Juba Military Hospital) that are collecting epidemiological data and samples from ILI/SARI cases.
- By the end of week **52,2022**; a total of **594 ILI/SARI** samples were collected,**529** samples tested negative, and Cumulatively, **21** tested positive for covid-19,**8** positive for Influenza B (Victoria), and **6** positive for influenza A(H3).**26** RSV was confirmed in Week 52
- From weeks 1-7 2023, a total of 83 ILI/SARI were collected all 80 tested negative,**3** positives for Covid-19, (**0**)Influenza types A (H3), B (Victoria), and 0 for RSV in weeks 7,2023



**ACTIVE OUTBREAKS AND
PUBLIC HEALTH EVENTS**



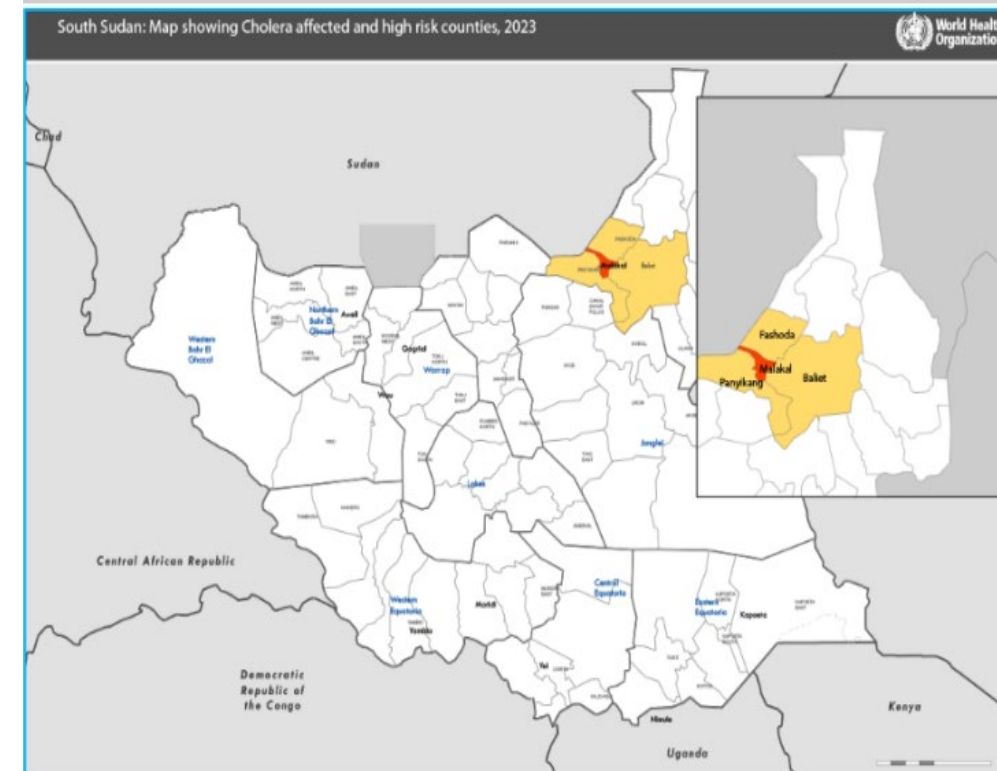
**CHOLERA OUTBREAK
IN MALAKAL**



Key Epidemiological highlights from Malakal as of 17th March 2023

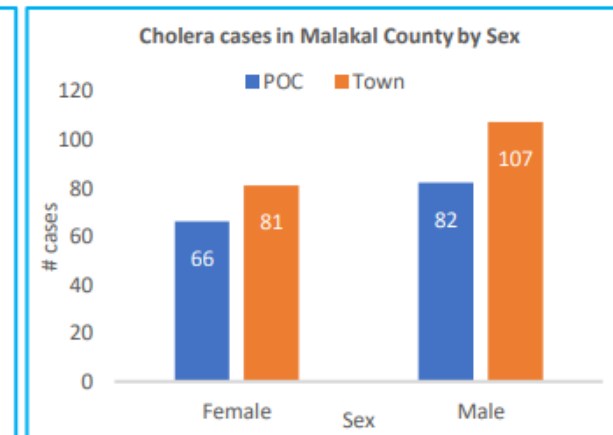
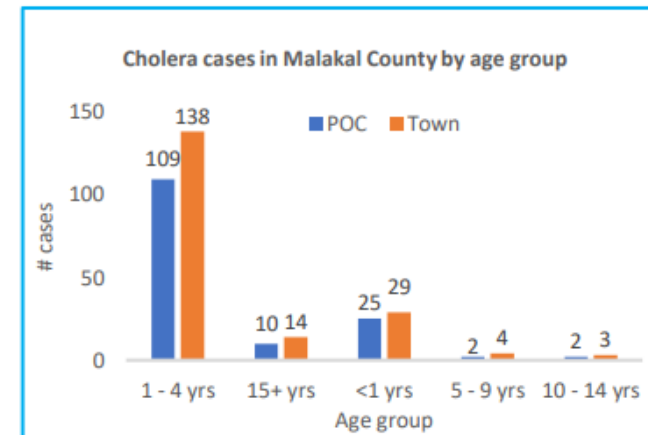
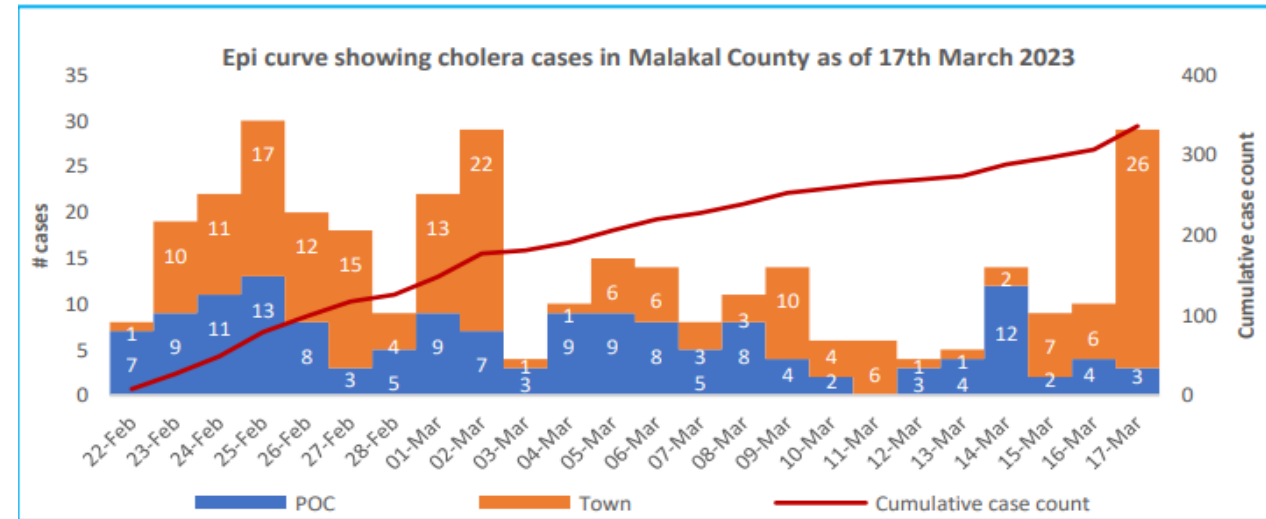


- On 1st March 2023, the National Ministry of Health received information of suspected cholera cases with two (2) RDT positive
- On 2nd March 2023, nine (9) samples were received at the NPHL, and **two (2) samples tested positive for vibrio cholerae** by Polymerase chain reaction (PCR) on 6th March 2023.
- on 7th March 2023, the National Ministry of Health declared Cholera outbreak in Malakal county, Upper Nile State
- Cumulatively, since 22nd February 2023 to 19 March a total of 336 cases with one (1) death (CFR-0.3%)
- Twentynine (29) new cases and zero deaths have been reported on 17th March 2023 (POC = (3) and Town =(26)
- The current cholera outbreak is localized in Malakal Upper Nile State on the side boarding Sudan.
- Oral Cholera vaccination campaign has commenced on 16 March 2023 targeting 53 000 individuals aged 1 year and above in the POC and Malakal town.
- Cumulatively, 9,514 people have been vaccinated (Malakal town and POC) with OCV during the first two days of the campaign achieving 14.4% coverage.



Descriptive Epi

- Twentynine (29) new Cholera cases have been recorded in the past 24 hours five(3) in the POC and twenty-six(26) from main town.
- No new death has been recorded in the past 24 hours.
- Cumulatively, 385 cholera cases and 1 death (CFR- 0.3%) has been recorded since the onset of the outbreak.
- Overall, 189(56%) of the cases are males and 147(44%) are females
- Children of age 1 – 4 years old are the most affected accounting for 74% (247) of the total cases reported.
- Majority of 1– 4 years cases were reported from Malakal town 56% (138) and in Malakal protection site POC 44% (109) cases
- Oral Cholera vaccination campaign commenced on 16 March 2023 targeting 53,000 individuals aged 1 year and above in the POC and Malakal town.
- Cumulatively, 9,514 people have been vaccinated (Malakal town and POC) with OCV during the first two days of the campaign achieving 14.4% coverage.
- The current cholera outbreak is localized in Malakal Upper Nile State on the side boarding Sudan.
- A total of 8 new cases are in isolation in Malakal CTU.
- MSF is supporting case management at the CTU in Malakal town and POC
- The national MOH and WHO Country Office have planned a technical team visit to Malakal to support the response on 20th March 2023



Key Interventions

- Launching of the Oral cholera vaccination targeting 53,00 individuals aged 1 year and above on 16 March 2023
- 9,514 people were vaccinated in both Malakal town and POC in the first two days of the campaign achieving 14.4% coverage
- The National Ministry of Health declared a Cholera outbreak in Malakal county, Upper Nile State on 7th March 2023,
- WHO doing orientation to partners to use the investigation forms
- The National EOC was immediately activated and MOH IMS instituted
- Ongoing coordination at both National and State levels to discuss the progress on Cholera response.
- Multi-sectoral NRRT continue to support Coordination, epidemiological investigation, and response activities.
- Ongoing orientation of MSF-Spain M&E on the eEWARS cholera line list
- Ongoing WASH preventive measures where 28 water samples collected and tested out of those 15 showed coliforms and 13 showed no growth (showing 54% contamination with 46% of safe water with no coliforms)
- There are ongoing RCCE activities on health education and community awareness, radio talk shows, and Jingles

Challenges

- Inadequate access to safe and clean water due to limited WASH supplies.
- Sub-optimal risk communication and community engagement in affected high-risk locations on cholera prevention and control measures.
- Inadequate RDT testing of suspected cholera cases at the subnational level, most especially, in health facilities and treatment centers.
- Inadequate number and poor quality of samples transported to the NPHL for further laboratory investigation.
- Inadequate funding for partners to respond.
- Lack of designated ambulance for the referral of cholera cases and designated vehicle for the safe dignified burial (SDB) team. Identification and training of the SDB team.
- Overcrowding in the POC due to the continued influx of IDPs poses a major challenge to the limited WASH facilities in the POC.
- Need for additional cholera kits and investigation kits. Oral Cholera vaccination (OCV) campaign launch in Malakal on 16 March 2023. The campaign is targeting 53,000 people (POC and Malakal Town) Page | 5
- Case management charts are in English making it difficult for healthcare workers who only understand Arabic

Risk of Cholera spread to other states

Oral cholera vaccination was conducted only in 6 out of the 20 cholera hotspot counties

Significant population movements within Malakal IDP camps (Estimated Population is 34056) and back and forth movement between the IDPs in Juba and the displacement from the recent Tonga- Panyikang crisis.

There is also a challenge of access to safe and clean water and also the practice of open defecation

Continued flooding due to heavy rain experienced in the past 4 years & the next rainy season is likely to start in April



**World Health
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South Sudan



- Translation of case management charts into Arabic language to facilitate easy understanding by healthcare workers.
- Provision of clean and safe water.
- Enhance cholera RDT testing of suspected cholera cases at health facilities and treatment centers.
- Improve overall sample management at subnational level.
- Accelerate the RCCE interventions at POC and Malakal town.
- Finalize the cholera response plan and budget for resource mobilization.
- Designate an ambulance to support the referral of cholera cases
- Conduct training for the SDB team.
- Quantify and ship additional cholera kits and investigation kits to Malakal County.
- Print and distribute IEC materials
- Fixing of 02 Bladder tank-10M³- to increase water productivity in the Daniel Comboni 1& 2 IDPs Camp with installation and construction Tap-stand platform concrete with 12taps.
- Mobile sanitation activity in Malakal IDPs camps and at host community's households' level to maintain clean environment (digging trenches, construction of dumping Pits for waste management.
- Meeting with Block leaders to discuss on their engagement in the response (PoC)
- Decommission of non-functional latrines in the PoC
- Coordination with MSF on WASH NFI distribution targeting the affected cases after discharge.

ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

MEASLES ` UPDATES



Measles Updates as of week 11 2023

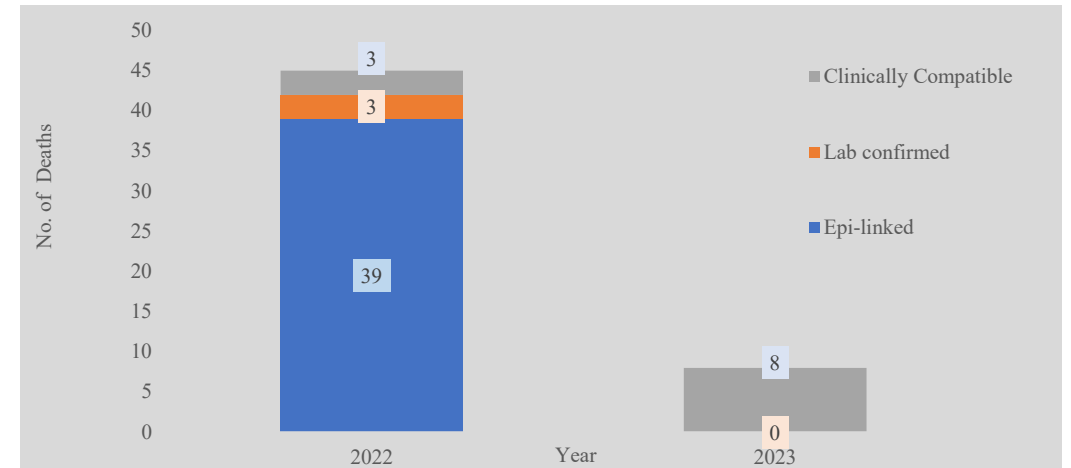


- A total of the 5,772 suspected measles cases, 2,990(51.8%) are epi-linked, 533(9.2%) lab-confirmed, 1,661(28.8%) clinically compatible, and 588(10.2%) discarded cases have been reported from epidemiological week 1, 2022, to week 11, 2023
- Thirty-two (32) suspected cases have been reported during the reporting week 09
- A total of 53 measles-related deaths were reported since January 2022, with only 3 deaths among the lab-confirmed measles cases. The case fatality rate (CFR) is 1.0% (as shown in figure 1 below)
 - No new measles-related death reported this week
- Twenty-three (23) counties have confirmed Measles outbreaks in 2022 and thirteen (13) counties in 2023
 - No newly confirmed outbreak this week
- Thirty-nine (39) counties have reported suspected measles cases in 2023, of which twenty (20) counties have at least one confirmed case
- Thirteen (13) counties (Mvolo, Mundri East, Pariang, Awerial, Rumbek Centre, Kapoeta South, Tonj South, Tonj North, Bor South, Aweil Centre, Rumbek East, Gogrial East and Juba) have confirmed outbreaks in 2023.
- Reactive vaccination campaigns were conducted in 20 counties (16 counties in 2022, 4 counties in 2023), with 858,274 children vaccinated
- The latest reactive measles campaign was conducted in Nyirol county targeting 30,675 children
- The Ministry of Health, WHO, and partners plan to conduct reactive measles vaccination campaigns in Tonj North and Bor South

Table: Yearly distribution of cases by final classification

FINAL CLASSIFICATION	2022		2023		TOTAL
	NO. OF CASES	%	NO. OF CASES	%	
Lab confirmed	392	9.5	141	8.6	533
Epi-linked	2825	68.3	165	10.1	2990
Clinically Compatible	391	9.5	1270	77.7	1661
Total	3608	87.2	1576	96.4	5184
Discarded (-ve)	529	12.8	59	3.6	588
Grand Total	4137	100.0	1635	100.0	5772

Deaths by year and final classification



Measles Updates. EPI Curve as of week 10, 2023

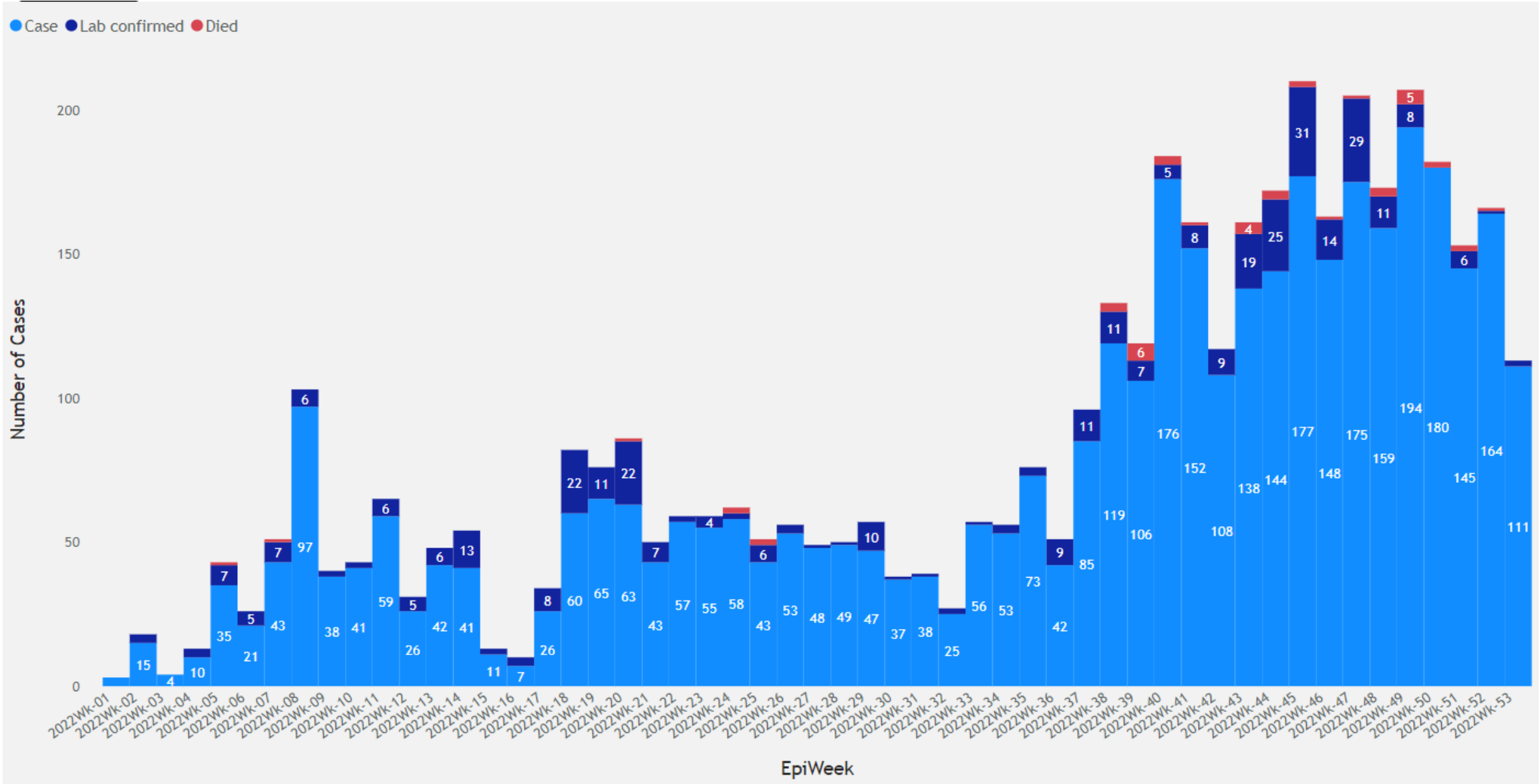
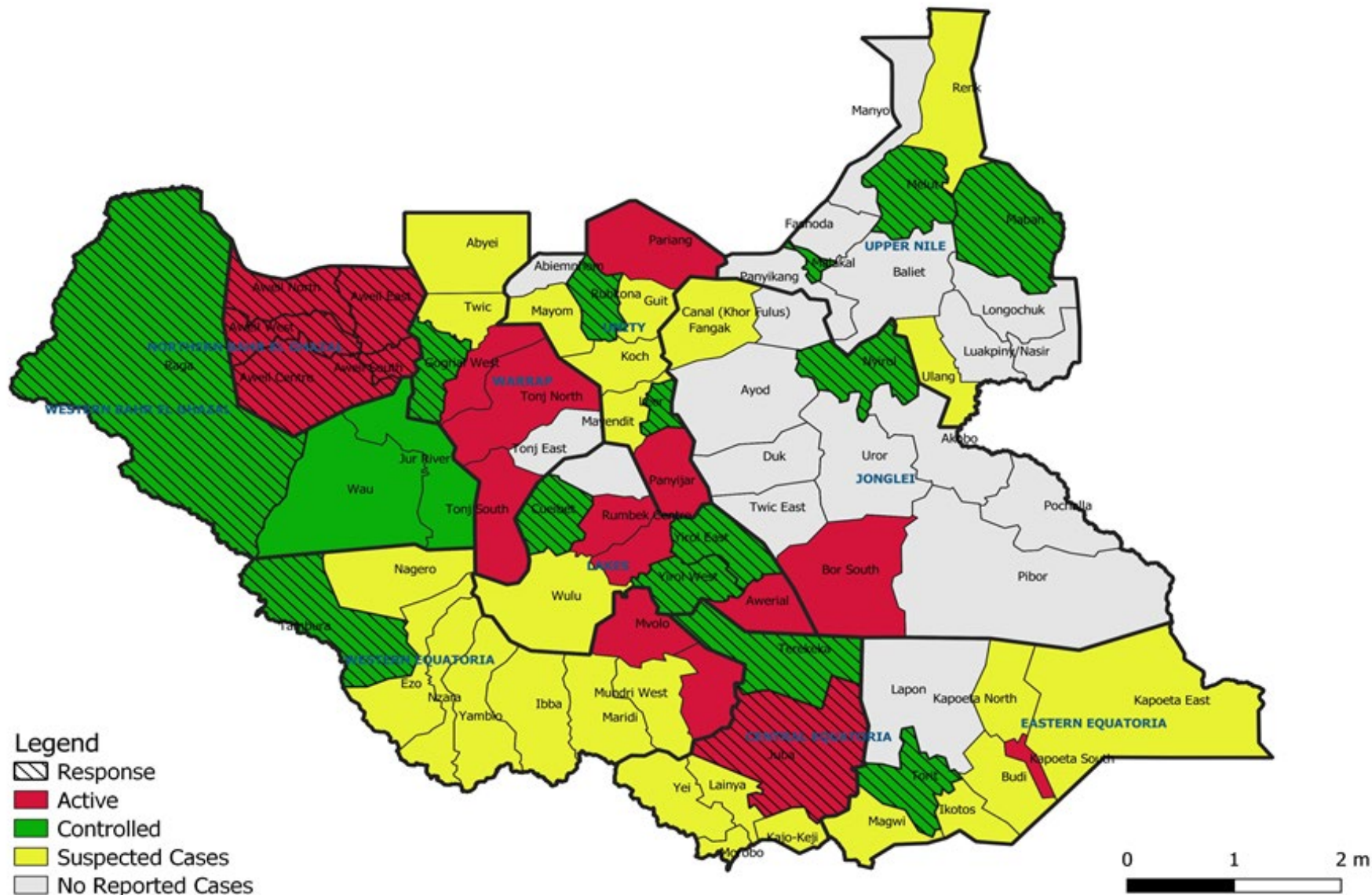


Table 1: Distribution of measles cases, deaths, attack rates, CFR and response by counties, 2022-2023



State	County with confirmed outbreak	Cases	Lab-confirmed cases	Deaths	CFR %	Attack rate/1000pop	Date of onset _1st Case	Date of onset _Latest Case	Date of response/Campaign	Campaign coverage (%)	Outbreak Status
CES	Juba	1029	14	18	1.7	1.6	16/01/2022	24/02/2023	29 Aug-29 Oct	69-98%	Active with response
EES	Kapoeta South	7	6	0	0.0	0.0	01/01/2023	04/02/2023			Active without response
JONGLEI	Nyirrol	106	11	0	0.0	0.6	02/11/2022	24/02/2023	Ongoing		Response recently Conducted
	Bor South	28	18	0	0.0	0.1	23/03/2022	14/02/2023			Active without response
LAKES	Cueibet	185	19	9	4.9	0.8	24/01/2022	09/02/2023	18-24 Jan	88%	Response recently Conducted
	Yirol East	108	4	2	1.9	0.9	12/04/2022	05/02/2023	18-24 Jan	141%	Response recently Conducted
	Yirol West	445	24	5	1.1	2.3	20/05/2022	08/02/2023	18-24 Jan	129%	Response recently Conducted
	Rumbek Centre	18	6	0	0.0	0.1	01/01/2023	07/02/2023			Active without response
	Rumbek East	8	4	0	0.0	0.0	26/02/2022	22/02/2023			Active without response
	Awerial	15	6	0	0.0	0.2	14/10/2022	09/01/2023			Active without response
NBeG	Aweil Center	252	65	0	0.0	3.5	21/03/2022	27/01/2023	14-22 Jun	155%	Active with response
	Aweil East	355	29	4	1.1	0.7	10/03/2022	02/02/2023	13-26 Aug	91%	Active with response
	Aweil North	53	11	0	0.0	0.2	03/03/2022	02/02/2023	14-21 Jul	97%	Active with response
	Aweil South	152	15	3	2.0	1.2	20/04/2022	17/01/2023	13-26 Aug	97%	Active with response
	Aweil West	587	26	3	0.5	2.1	06/01/2022	05/02/2023	14-22 Jun	94%	Active with response
UNITY	Panyijar	179	1	1	0.6	1.8	09/02/2022	17/02/2023			Active without response
	Pariang	89	25	0	0.0	0.6	17/12/2022	15/02/2023			Active without response
WARRAP	Tonj North	52	0	0	0.0	0.2	10/03/2022	21/01/2023			Active without response
	Tonj South	8	3	0	0.0	0.0	20/04/2023	10/01/2023			Active without response
	Gogrial East	14	12	0	0.0	0.1	10/02/2023	21/02/2023			Active without response
WES	Mvolo	26	0	1	3.8	0.2	26/05/2022	22/01/2023			Active without response
	Mundri East	20	2	0	0.0	0.1	18/04/2022	31/01/2022			Active without response



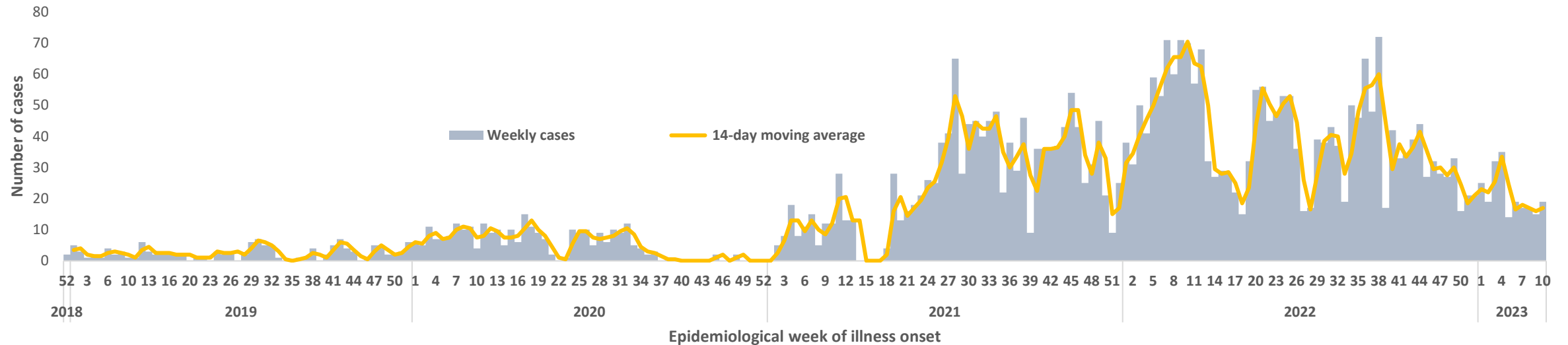
Vaccination updates

- The MOH, WHO, and partners are planning to start a reactive measles campaign in Tonj North (CCM, AMREF, Islamic Relief) and Bor South (LIVEWELL)
- Reactive vaccination campaign still ongoing in Nyirol County(MEDAIR) targeting to vaccinate 30,675 children
- World Vision International has been endorsed to apply to RRF for funds to support campaigns in Mvolo and Mundri East
- Planning is underway for a nationwide non-selective measles vaccination campaign to start on 25 April 2023.

ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

MEASLES ` UPDATES

Hepatitis E Virus [HEV] cases in Bentiu IDP camp, wk 1, 2019 to wk 10, 2023



Descriptive epidemiology

- The persistent transmission of HEV in the Bentiu IDP camp continues with 4,009 cases since the beginning of 2019
- **19 new** cases were reported in week 10 and zero deaths. The cumulative cases since the onset of the outbreak are 4, 009 cases including 27 deaths.
- All the cases have been managed as outpatient cases except for seven cases that were admitted in 2020
- No death was reported in 2022
- 47% are female and 53% are male. Within the IDP camp, the sector-specific attack rates for HEV disease for the period week 05, 2022 are highest in sectors 3 and 5.

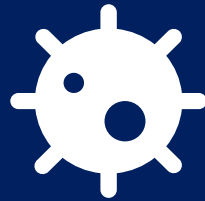
HEV response update

1. Biweekly coordination forum comprising health, WASH, and other clusters
2. Surveillance enhanced through the provision of refresher training, distribution of case definition, and other reporting tools
3. Weekly analytics of the outbreak data to monitor trends and inform decision making
4. Case management for symptomatic cases provided by the PHCCs; severe cases are referred to MSP PoC Hospital
5. The HEV vaccination campaign was conducted in Bentiu IDP Camp; the first round with a coverage of 91% and the second round with a coverage of 82% among those aged 16-40 years (incl. pregnant women).
6. Risk communication and awareness are enhanced through household health promoters/hygiene promoters; radio talk shows and messaging. Cholera and HEV messages were disseminated.
7. Enhanced access to safe drinking water, sanitation facilities such as latrines, mass clean-up campaigns, regular water quality testing, and monitoring

HEV response challenges

1. Lack of long-term investment to improve the WASH situation in the camp
2. Lack of meaningful behavioral changes among the population
3. Frequent population movements between the IDP and host communities; the host community was not vaccinated
4. Floods have worsened the WASH situation in the camp

COVID-19 UPDATES

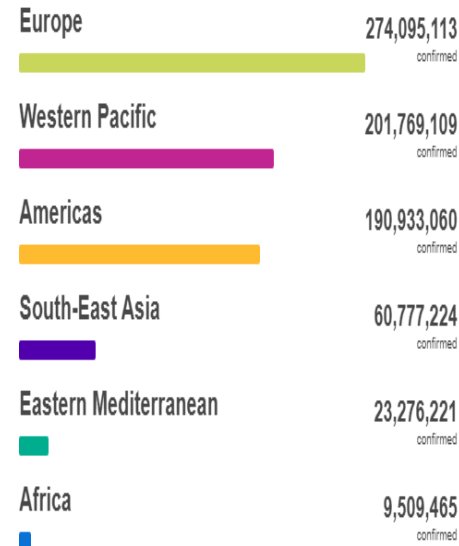




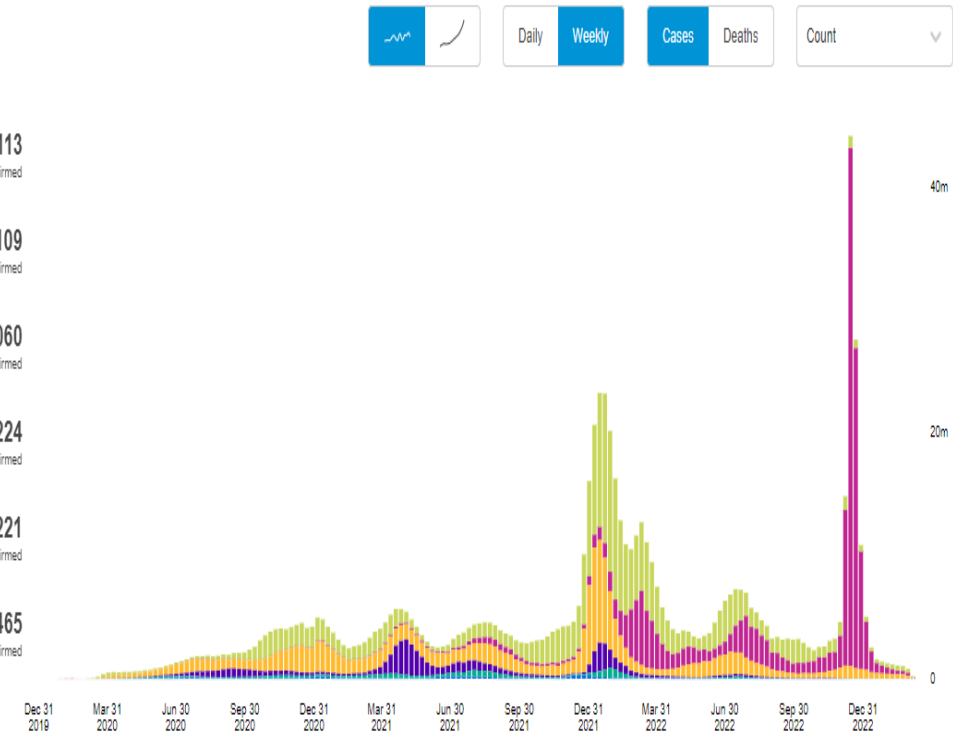
Situation update as of 16, March 2023

- **Globally**, 16 March 2023, there have been 760,360,956 confirmed cases of COVID-19, including 6,873,477 deaths, reported to WHO. As of 13 March 2023, a total of 13,232,780,775 vaccine doses have been administered.
- **In Africa**, as of 16 March 2023 there have been **9,509,465** confirmed cases of COVID-19, including **175,313** deaths reported to the WHO
- **In South Sudan**, from 3 January 2020 to 16 March 2023, there have been 18 368 confirmed cases of COVID-19 with 138 deaths, reported to WHO. As of 4 March 2023, a total of 3,193,261 vaccine doses have been administered.
- **Second round of the COVAX campaign has been launched and the campaign is ongoing in most counties to cover the remaining 72 counties**

Situation by WHO Region



Source: World Health Organization
 Data may be incomplete for the current day or week.



WHO: <https://www.who.int/health-topics/coronavirus>



**OVERALL
HUMANITARIAN CRISIS
OVERVIEW**

Ongoing Humanitarian Crisis as of January 2023



- South Sudan continues to face multiple emergencies that are eroding communities' coping capacities and increasing humanitarian needs in the country in 2023.
- According to the Humanitarian Response Plan 2023, it is estimated that 9.4 million people including 2.2 million women, 4.9 million children, and 337,000 refugees, are projected to need humanitarian assistance and protection services in 2023.
- Communities faced critical needs in January 2023 owing to the impact of multiple emergencies such as recurring subnational violence, food insecurity, flooding, inaccessibility, and public health emergencies.
- Floodwater levels although receding remained high in Bentiu and Rubkona towns in Unity, and multiple locations in Jonglei and Upper Nile impeding livelihood activities, exposing people to waterborne diseases, and disrupting the provision of basic services.
- Although projected to improve marginally during December 2022-March 2023, the food insecurity situation is projected to worsen during the lean season, April-July 2023, as some 7.8 million people (63% of the population) will likely face Crisis (IPC Phase 3) or worse acute food insecurity, with 43 000 people likely to be in Catastrophe (IPC Phase 5) acute food insecurity in Akobo, Canal/Pigi and Fangak counties of Jonglei State; and Leer and Mayendit counties of Unity State.
- Further, hostilities erupted in several parts of the country in December 2022 and January 2023. The violence between communities in Greater Pibor Administrative Area displaced 17000 people to Pibor while the clashes between cattle keepers and host communities displaced 5000 in Mangala in Juba and 2500 people in Kajo Keji County. Nineteen people were killed during the violence clashes in Kajo Keji County.



**OVERALL
CONCLUSIONS AND
RECOMMENDATIONS**

Conclusions



- In week 10, 2023, the IDSR reporting timeliness and completeness were **79%** and **89%** respectively and timeliness and completeness for EWARN sites were **94%** and **95%** respectively
- A total of 119 alerts were triggered in week 10, 2023 most of the alerts were for AWD (37) ,20 measles and 24 malaria alerts
- Ministry of Health Republic of South Sudan declared cholera outbreak in Malakal with a total of 385 cases reported with one (1) death giving a CFR of 0.3% from February 22 to 19 March 2023 from both Malakal IDP camp and town
- Measles outbreaks continue with 5,772 reported; cases, 2,976(54.8%) are epi-linked, 504(9.3%) lab-confirmed, 1,376(25.3%) clinically compatible, and 577(10.6) discarded cases have been reported from epidemiological week 1, 2022, to week 09, 2023
- The persistent transmission of HEV in the Bentiu IDP camp continues with 4,009 cases since the beginning of 2019 and 19 cases reported in week 10 of 2023.

Recommendations



- Partners to continue supporting County Health Departments (CHD) & State Ministries of Health on timely IDSR/EWARN reporting and involve the boma health workers to support community-based surveillance
- Health facilities to conduct an initial investigation on suspected cases of epidemic-prone diseases and collect samples
- Conduct reactive measles vaccination campaign in counties with confirmed outbreaks and advocate for enhanced routine immunization through PIRI
- Continue with preparedness activities to strengthen surveillance at all levels including conducting after-action reviews and simulation exercises.
- Continue to support the multicluster HEV response strategy in the Bentiu IDP camp and advocate for depopulation of

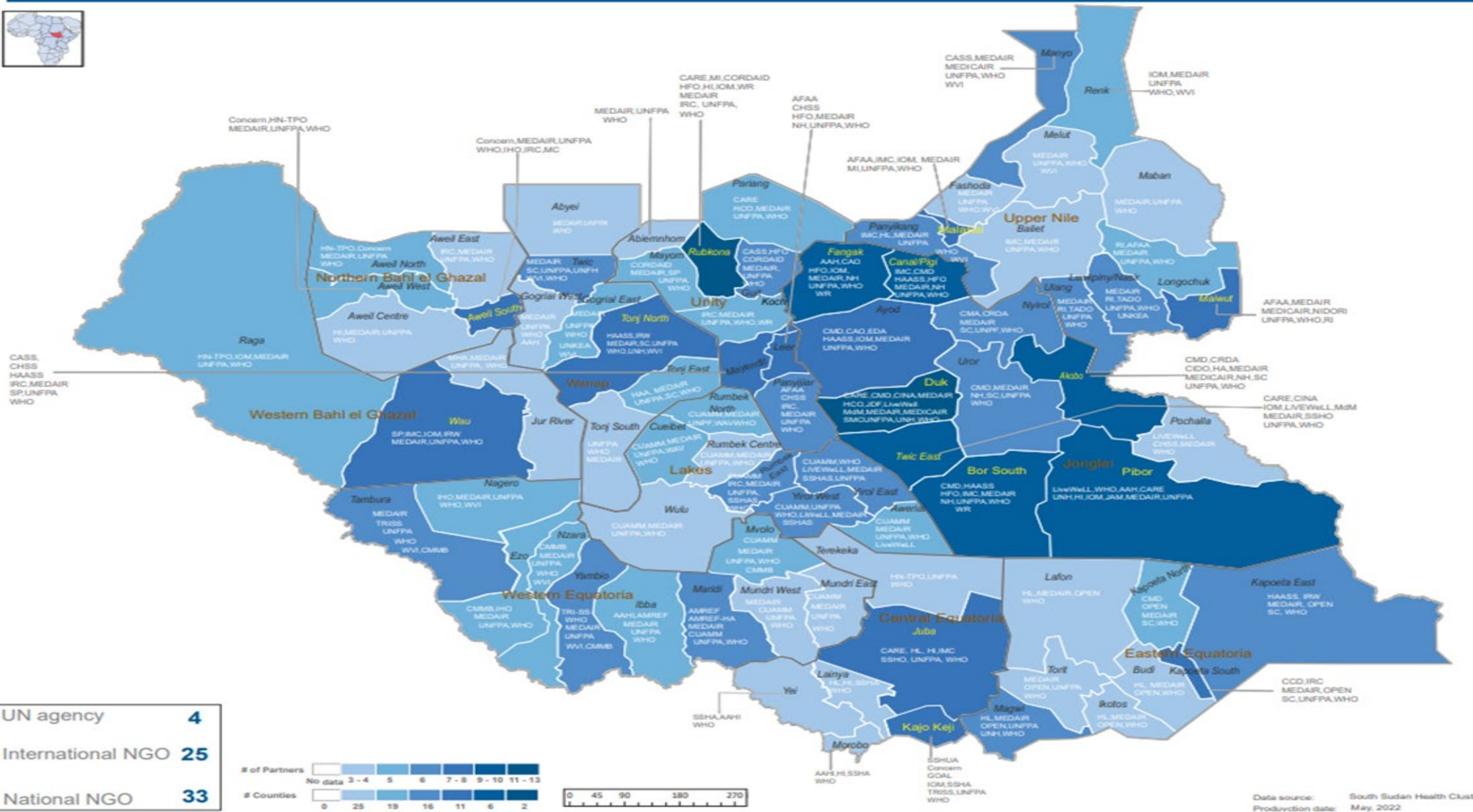


DSR timeliness & completeness performance at county level for week 10 and 09 of 2023 (2)



STATE	COUNTY	Number of reporting sites	No. of HF's Reported on Time in WK 10	Timeliness Percentage of WK 10	No. of HF's Reported regardless of time in WK 10	Completeness Percentage of WK 10	No. of HF's Reported regardless of time in Wk 09	Completeness Percentage of WK 09	STATE	COUNTY	Number of reporting sites	No. of HF's Reported on Time in WK 10	Timeliness Percentage of WK 10	No. of HF's Reported regardless of time in WK 10	Completeness Percentage of WK 10	No. of HF's Reported regardless of time in WK 09	Completeness Percentage of WK 09
Jonglei	Pochalla	7	7	100%	7	100%	3	43%	Warrap	Tonj East	12	12	100%	12	100%	12	100%
Jonglei	Twic East	9	9	100%	9	100%	9	100%	Upper Nile	Baliet	4	4	100%	4	100%	4	100%
Jonglei	Duk	13	13	100%	13	100%	13	100%	Warrap	Tonj South	12	12	100%	10	83%	12	100%
Jonglei	Uror	1	1	100%	1	100%	1	100%	Warrap	Twic	28	28	100%	12	43%	12	43%
EES	Lopa Lafon	15	15	100%	15	100%	15	100%	Warrap	Tonj North	15	15	100%	4	27%	4	27%
EES	Budi	17	16	94%	16	94%	17	100%	Warrap	Gogrial West	31	28	90%	28	90%	21	68%
EES	Torit	11	10	91%	11	100%	11	100%	Upper Nile	Longechuk	9	8	89%	0	0%	0	0%
EES	Kapoeta South	9	8	89%	9	100%	9	100%	Upper Nile	Fashoda	5	4	80%	5	100%	5	100%
EES	Magwi	17	15	88%	17	100%	17	100%	Upper Nile	Akoka	5	4	80%	0	0%	5	100%
EES	Kapoeta East	7	6	86%	6	86%	6	86%	Upper Nile	Maban	13	10	77%	7	54%	9	69%
EES	Kapoeta North	10	8	80%	10	100%	10	100%	Upper Nile	Makal	7	5	71%	2	29%	2	29%
Jonglei	Pibor	5	4	80%	4	80%	3	60%	Upper Nile	Panyikang	3	2	67%	3	100%	3	100%
EES	Ikotos	19	15	79%	18	95%	18	95%	Warrap	Gogrial East	15	10	67%	15	100%	15	100%
Jonglei	Bor	19	13	68%	19	100%	19	100%	Upper Nile	Luakpiny Nasir	10	6	60%	6	60%	5	50%
Jonglei	Canal Pigi	14	8	57%	8	57%	8	57%	Upper Nile	Ulang	10	6	60%	0	0%	0	0%
Jonglei	Nyirrol	2	1	50%	1	50%	1	50%	Upper Nile	Maiwut	12	5	42%	8	67%	8	67%
Jonglei	Akobo	15	6	40%	7	47%	8	53%	Warrap	Abyei	14	5	36%	12	86%	12	86%
Jonglei	Fangak	18	4	22%	4	22%	4	22%	Upper Nile	Manyo	11	1	9%	7	64%	9	82%
Jonglei	Ayod	13	0	0%	0	0%	0	0%	Upper Nile	Melut	6	0	0%	6	100%	6	100%
									Upper Nile	Renk	6	0	0%	0	0%	0	0%

South Sudan Health Cluster HRP Partners 2022



Concern HN-TPO
MEDAIR, UNFPA, WHO

Concern, MEDAIR, UNFPA
WHO, IRC, IRC, MC

MEDAIR, UNFPA,
WHO

CARE, MI, CORDAID
HFO, HL, IOM, WR
MEDAIR,
IRC, UNFPA,
WHO

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CHSS
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NL, UNFPA, WHO

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ML, UNFPA, WHO

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WHO, UNH, WVI

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UNFPA, WHO, WR

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HAASS, IOM, MEDAIR,
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To access the IDSR bulletins for 2022 use the link below:

<https://www.afro.who.int/publications/south-sudan-weekly-disease-surveillance-bulletin-2023>

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The data has been collected with support from the EWARS project. This is an initiative to strengthen early warning, alert and response in emergencies. It includes an online, desktop and mobile application that can be rapidly configured and deployed in the field. It is designed with frontline users in mind, and built to work in difficult and remote operating environments. This bulletin has been automatically published from the EWARS application.

More information can be found at <http://ewars-project.org>

