



**South Sudan
Ministry of Health**

**Integrated Disease surveillance
and response (IDSR)**



**World Health
Organization**
South Sudan

**Epidemiological Bulletin Week 03, 2023
(January 16- 22 January)**

Major epidemiological highlights in week 03 of 2023



- In week 03, 2023, the IDSR reporting timeliness and completeness were **84%** and **90%** respectively and timeliness and completeness for EWARN sites were at **91%** and **94%** respectively
- The IDSR performance has improved with only two counties of Upper Nile State (Melut and Renk) did not share reports in week 03, 2023
- Of the 93 alerts reported in week 03, 2023; the majority were for, Measles (25), AWD (20), Malaria (13), cholera (02), and Guinea worm (01)
- Measles outbreaks confirmed in more than **23 counties** since the beginning of the year 2022. A total of **3,581** cases and **41 deaths** giving a **CFR of 1.14%** reported from all states as of week 02, 2023.
- Reactive vaccination campaign measles is concluded in three counties (Cuibet, Yirol East and West) of Lakes state
- Reports of measles cases from Rubkona county despite of reactive vaccination campaign conducted in January 2023 by a partner
- The persistent transmission of HEV in the Bentiu IDP camp continues with **3,873 cases** since the beginning of 2019 and **38 cases** reported in week 03 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 03 & 02 of 2023



Timeliness States Ranking	States	Number of reporting sites	No. of HFs Reported on Time in WK 03	Timeliness Percentage of WK 03	No. of HFs Reported on Time in WK 02	Timeliness Percentage of WK 02
1st	WES	218	218	100%	181	83%
2nd	Lakes	113	110	97%	64	57%
3rd	NBGZ	86	79	92%	75	87%
4th	CES	128	117	91%	122	95%
5th	Warrap	124	110	89%	113	91%
6th	EES	105	91	87%	86	82%
7th	Jonglei	118	102	86%	60	51%
8th	Unity	95	75	79%	63	66%
9th	WBGZ	78	42	54%	49	63%
10th	Upper Nile	109	46	42%	55	50%
	South Sudan	1174	990	84%	868	74%

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 03 stands at 84% while in week 02 it was 74% and 7 states were above the target of 80% in week 03.

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



DSR Completeness performance at State level for week 03 & 02 of 2023



Completeness States Ranking	States	Number of reporting sites	No. of HFs Reported regardless of time in WK 03	Completeness Percentage of WK 03	No. of HFs Reported regardless of time in WK 02	Completeness Percentage of WK 02
1st	WES	218	218	100%	207	95%
2nd	Lakes	113	112	99%	113	100%
3rd	EES	105	100	95%	105	100%
4th	NBGZ	86	80	93%	86	100%
5th	Warrap	124	115	93%	118	95%
6th	CES	128	117	91%	125	98%
7th	Jonglei	118	103	87%	62	53%
8th	Unity	95	80	84%	74	78%
9th	WBGZ	78	58	74%	57	73%
10th	Upper Nile	109	70	64%	75	69%
	South Sudan	1174	1053	90%	1022	87%

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 03 stands at 90% while in week 02 it was at 87% and 8 states were above the target of 80% in week 03.

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



Percentage of IDSR reporting completeness by county in week 03, 2023.



Legend

	No data
	100%
	80 - 99%
	1 - 79%
	county_boundary
	Africa_boundary
	States_boundary

0 65 130 260 Miles

Disclaimer: The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.



Surveillance: EWARS Timeliness performance indicator by partner for week 03 and 02 of 2023

Partner	HFs	Reporting	Performance		
PARTER	Number of reporting sites	# of reports received on Time in Week 03	Timeliness of Week 03	# of reports received on Time in Week 02	Timeliness of Week 02
ADA	1	1	100%	1	100%
IRC	1	1	100%	1	100%
SMC	6	6	100%	6	100%
Islamic Relief	5	5	100%	5	100%
HFO	8	8	100%	8	100%
MC	2	2	100%	2	100%
CIDO	1	1	100%	1	100%
Medicaire	5	5	100%	5	100%
TRI-SS	2	2	100%	2	100%
World Relief	3	3	100%	3	100%
SSHCO	1	1	100%	1	100%
IMC	22	20	91%	21	95%
IOM	10	9	90%	9	90%
MSF-H	4	4	100%	3	75%
MSF-E	6	4	67%	4	67%
UNIDOR	2	0	0%	0	0%
TOTAL	79	72	91%	72	91%

The Timeliness of EWARS in partners' supported sites stands at 91% in week 03 as well as in week 02.



Surveillance: EWARS completeness performance indicator by partner for week 03 and 02 of 2023



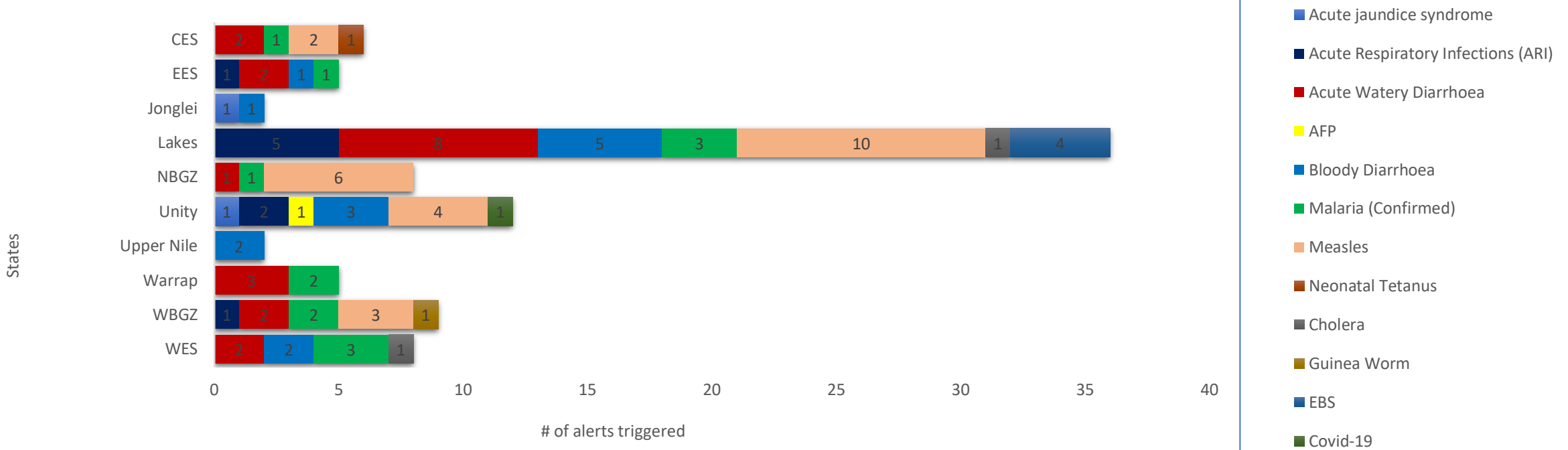
Partner	HFs	Reporting	Performance		
PARTER	Number of reporting sites	# of reports received regardless of Time in Week 03	Completeness of Week 03	# of reports received regardless of Time in Week 02	Completeness of Week 02
ADA	1	1	100%	1	100%
IRC	1	1	100%	1	100%
SMC	6	6	100%	6	100%
Islamic Relief	5	5	100%	5	100%
HFO	8	8	100%	8	100%
MC	2	2	100%	2	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%
SSHCO	1	1	100%	1	100%
MSF-E	6	6	100%	6	100%
MSF-H	4	4	100%	3	75%
IMC	22	20	91%	22	100%
IOM	10	9	90%	9	90%
UNIDOR	2	0	0%	0	0%
TOTAL	79	74	94%	75	95%

The Completeness of EWARS in partners' supported sites stands at 94% in week 03 while in week 02 it was at 95% .

INDICATOR-BASED SURVEILLANCE



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



- **This week a total of 93 Alerts were triggered from the EWARS System with some breakdown below:**
- 2 AJS alert: this was from MSF-H Bentiu IDP Hospital in Rubkona County of Unity State, LiveWell Vertheth PHCU in Pibor County.
- 25 Measles alert: these were triggered from Magang PHCU(2), Mapuordit Hospital(2). Yirol Hospital(2). Peth PHCU(2), Mayen Ulem PHCC(2) Anuol PHCC(2), Lokoloko PHCC(2), Chuk PHCU(2), IMC UN House Clinic 3(2), MSF-H Bentiu IDP Hospital(2), Malou Pec PHCC(2), Abyei PHCC(2) Raja Hospital(2), Maluakon Hospital in Aweil East County.
- 4 EBS alerts: these are from Adior PHCC, Pagarau PHCU, Nyang PHCC, Acigor PHCU all are suspected measles
- 1 Neonatal Tetanus alerts: this was triggered from Lainya Hospital in Lainya County.
- 2 Cholera alert: these are from Magang PHCU of Yirol west County and Bar-Girindi PHCU of Mvolo County
- 1 AFP alert: this was from Boaw PHCC in Koach County, Unity State
- 1 Guinea Worm alert: it was from Marial Baai PHCC in Jur River County of WBGZ.

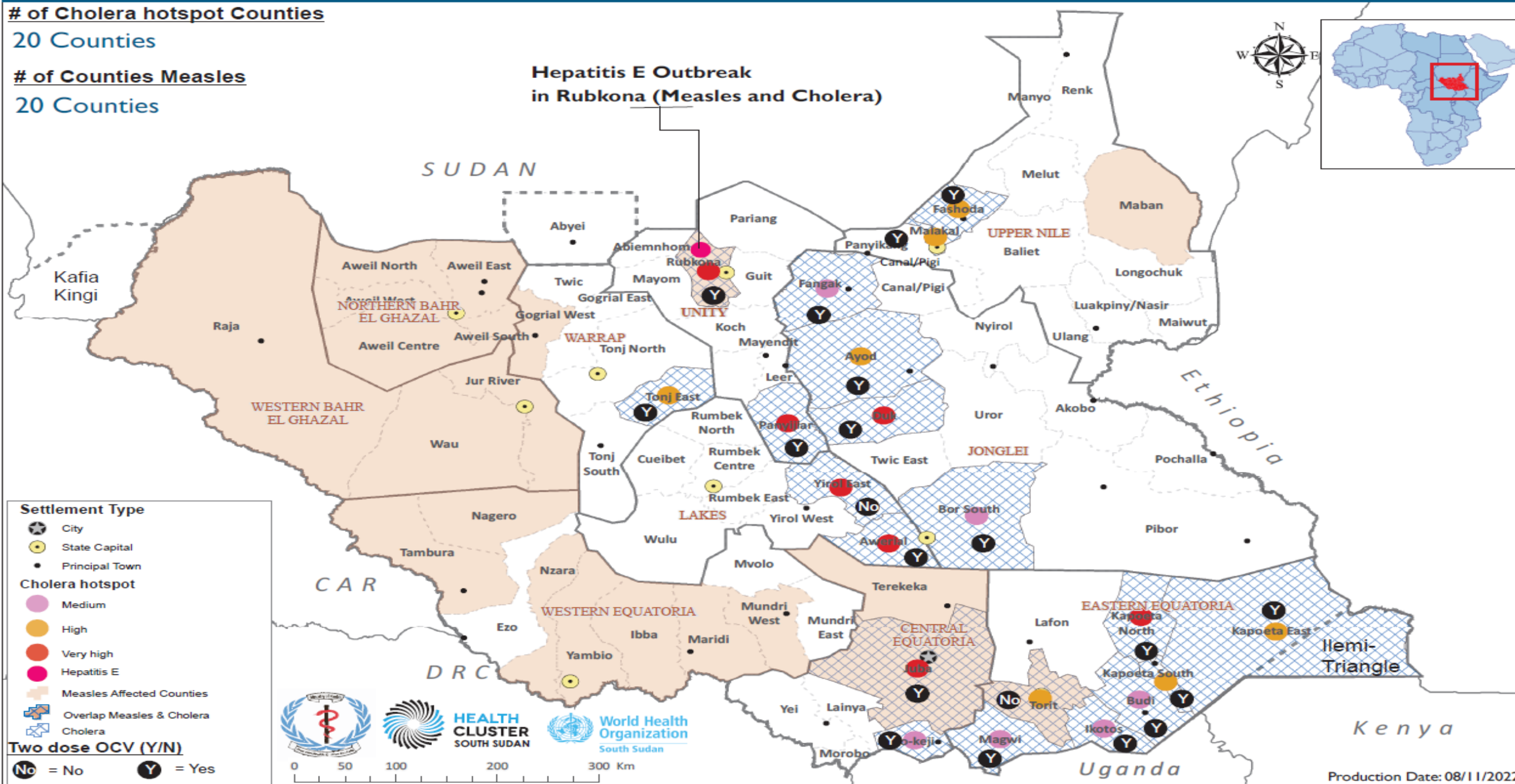
Cholera, Hepatitis E and Measles Hotspot Counties Across South Sudan

of Cholera hotspot Counties

20 Counties

of Counties Measles

20 Counties

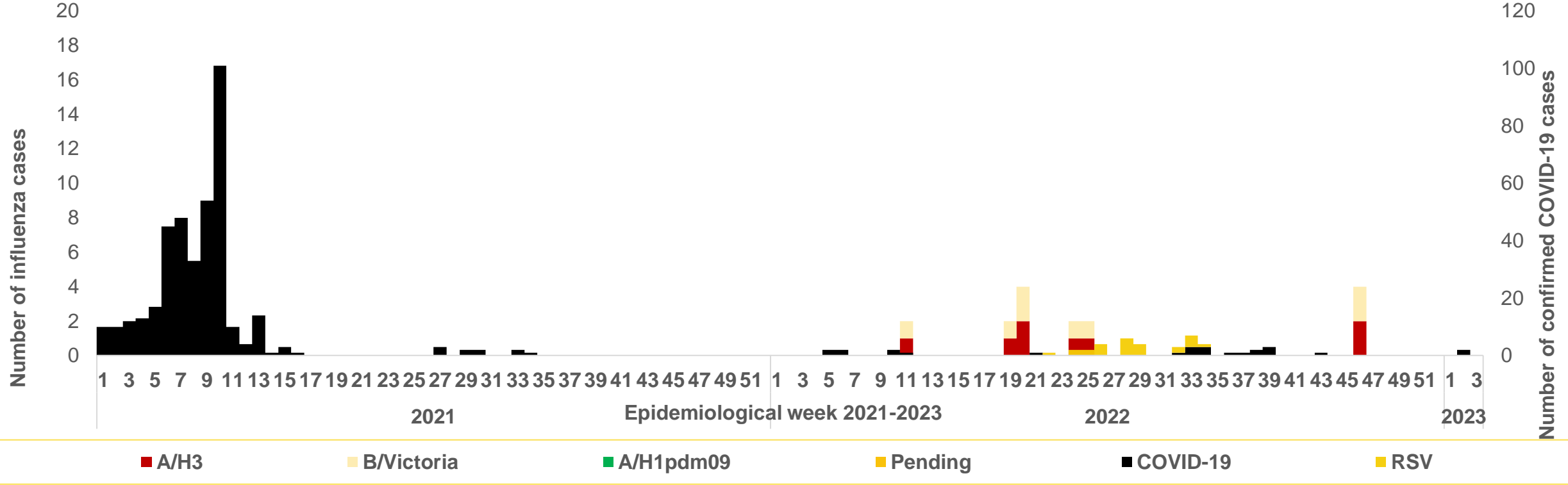


Influenza sentinel Surveillance updates





Confirmed Influenza ,COVID-19 and RSV cases from sentinel sites in Juba, week 1, 2021 to week 3, 2023



- 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 wk. 52 of 2021, a total of 266 ILI/SARI samples have been collected and tested in NPHL, 257 being negative; 6(2%) positive for Influenza B (Victoria); 3 (1%) positive for Influenza A (H3) and zero(0%) positive for Influenza A (H1)pdm09.
- From week 1-3 2023, a total of 25 ILI/SARI were collected all 23 tested negative, 2 negatives for Covid-19, Influenza types A (H3), B (Victoria) and 0 for RSV in week 3, 2023



ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

Measles Updates

Measles and rubella laboratory results_13 Jan 2023



State	County	Measles IgM		Rubella IgM		Public health actions needed
		Pos	Neg	Pos	Neg	
Unity	Leer	4				<ul style="list-style-type: none"> Outbreak had been confirmed and campaign done Surveillance, line-listing and monitor trends, case management/supportive care; RI Updated LL not shared for several weeks
	Mayendith	1				<ul style="list-style-type: none"> Collect more samples from subsequent cases
Upper Nile	Pariang		3			<ul style="list-style-type: none"> Continue with surveillance and samples from subsequent cases
	Akoka		3			<ul style="list-style-type: none"> Continue with surveillance and samples from subsequent cases
	Tonj North/Warrap (included those indicated as Warrap under Tonj North)	5				<ul style="list-style-type: none"> Outbreak threshold reached Submit updated LL for analysis and understanding of transmission status Surveillance, line-listing and monitor trends, case management/supportive care; RI
	Gogrial West			3		<ul style="list-style-type: none"> Outbreak had been confirmed and campaign done Continue with surveillance
EES	Tonj South	1				<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Ikotos	1	1			<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Torit			2		<ul style="list-style-type: none"> Outbreak had been confirmed and campaign done Continue with surveillance
NBeG	Magwi			1		<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Aweil (not clear which county)	21	3			<ul style="list-style-type: none"> Outbreak had been confirmed and campaign done Conduct analysis of updated LL to identify locations with active case/transmission for targeted response
Jonglei	Bor South	4				<ul style="list-style-type: none"> Outbreak had been confirmed in 2022; Surveillance, line-listing and monitor trends, case management/supportive care; RI Shared updated LL; Updated LL not shared for several weeks, therefore status of transmission not clear
Lakes	Yirol East	5	7			<ul style="list-style-type: none"> Outbreak had been confirmed; campaign planned Surveillance, line-listing and monitor trends, case management/supportive care; RI No need for more sample collection and testing for now
	Yirol (W or E?)	2	4			<ul style="list-style-type: none"> Outbreak had been confirmed; campaign planned Surveillance, line-listing and monitor trends, case management/supportive care; RI No need for more sample collection and testing for now
Abyei AA	Wulu	1	4			<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Rumbek		1			<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Abyei	1	6	3		<ul style="list-style-type: none"> Collect more samples from subsequent cases Surveillance, line-listing and monitor trends, case management/supportive care; RI
WES	Yambio	1				<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Mundri (West or East?)	6	5	2		<ul style="list-style-type: none"> Outbreak threshold reached Submit updated LL for analysis and understanding of transmission status Surveillance, line-listing and monitor trends, case management/supportive care; RI
	Ibba			1		<ul style="list-style-type: none"> Continue with surveillance
	Nagero			1		<ul style="list-style-type: none"> Continue with surveillance

Measles Cases in South Sudan, 2022 to Week 01, 2023



County	Number of Cases	Attack rate	Deaths	CFR%	Date Of Onset	Date of response/campaign	Campaign coverage	Outbreak status	Comments
AWEIL EAST	2	0	0	0.00%	01/11/2022	13-26 Aug	0.91		
AWEIL SOUTH	2	0	0	0.00%	02/11/2022	13-26 Aug	0.97	Active	
AWEIL WEST	50	0.03	0	0.00%	01/11/2022	14-22 Jun	94% (49,784)	Active	
BOR SOUTH	6	0	0	0.00%	02/11/2022	Not done		Active	
CUEIBET	12	0.01	2	16.70%	01/11/2022	Not done		Active	
JUBA	116	0.03	1	0.90%	01/11/2022	29 Aug-29 Oct	69-98% (204,756)	Active	Reactive campaigns to be implemented by HLSS
LEER	1	0	0	0.00%	07/11/2022		Pendig data	Active	
MALAKAL	1	0	0	0.00%	01/11/2022		73% (9,533)	Active	
MELUT	33	0.07	0	0.00%	08/11/2022	Not done		Active	
PANYIJAR	10	0.04	0	0.00%	01/11/2022	Confirmation pending		Active	
RAGA	4	0.01	0	0.00%	04/11/2022	2 May-5 Jul	70% (7,370)	Active	
RUBKONA	30	0.03	0	0.00%	01/11/2022	22-29 Nov	77.2% (35,545) in XPoC; pending data from outside	Active	
TEREKEKA	1	0	0	0.00%	21/11/2022	2-9 NoV	106% (28,876)	Active	
TORIT	2	0	0	0.00%	04/11/2022	9-31 Mar	95% (24,534)	Active	
WAU	20	0.01	0	0.00%	01/11/2022	Not done		Active	
YIROL WEST	14	0.01	0	0.00%	06/11/2022	2	Not done	Active	
Tonj North	6	0.0	0	0	5/12/2022	Not done			
Total	310	0.01	3	1.0%					

Main highlights

- Measles outbreaks were confirmed in more than 23 counties in 10 states since January 2022 to January 2023 with a cumulative of Cumulative cases, 3,868 cases and 44 deaths (CFR, 1.13%) reported from epidemiological week 1-52, 2022 and week 1-2, 2023.
- Recent outbreak confirmed Tonj North County after confirming 5 samples positive for measles IgM results in week 01, 2023. however the county did have active cases as of week 01 2023
- The Ministry of Health declared a measles outbreak in 22 counties, and measles response will be coordinated under the national steering committee within the PHEOC
- Targeted reactive response will be done for counties (affected payams) with confirmed measles before the nationwide follow-up campaign in March-April 2023
- 17 counties are still reporting cases since confirmation as indicated in the table

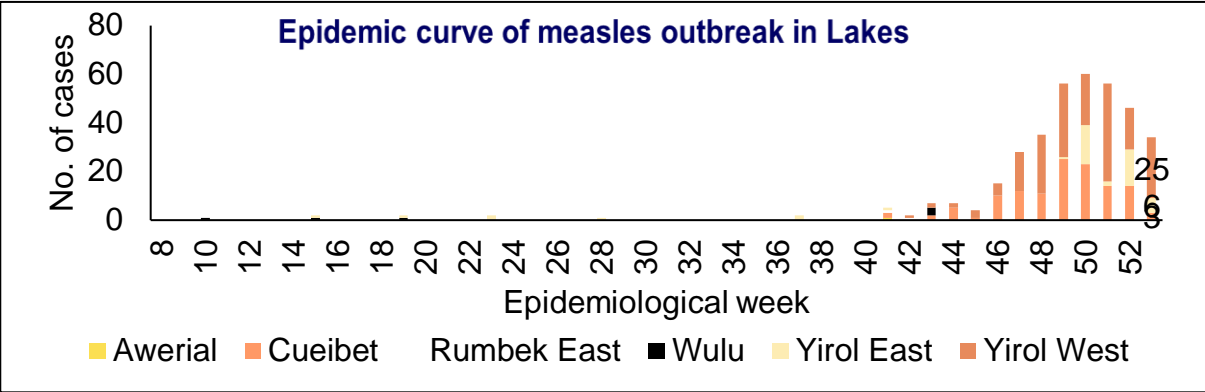
Public Health Response

- Reactive measles campaign conducted in 16 counties by the state Ministry of Health and implementing partners
- A total of 773,287 children aged 6 months to 14 years have been vaccinated in (16) counties during the reactive campaigns
- Melut Reactive campaign done 16-24 Dec with 17, 519 under 5 children vaccinated
- Reactive Vaccination has been concluded in Lakes state expected to vaccinate children 5 years and below in three counties of Cuibet, Yirol East, and West
- Two-year Measles response plan has been developed and tested by tabletop exercise on 14th December 2022
- Nationwide measles follow-up campaign planned to take place in April 2023



Measles outbreak in Lakes

- Outbreak confirmed in three counties-Cueibet, Yirol West and Yirol East
- 66 new cases reported from the three counties between week 52 and week 1 of 2023
- Cases were reported week 40 and peaks in week 50, 2022
- Cumulative cases-365 cases
 - 12 deaths (CFR, 3.3%)
- Children <5 years of age account for 77.5% (283 cases) of all cases
- 96% of the cases have not been vaccinated against measles
- Active transmission in Yirol West, Yirol East and Cueibet
- WHO/NMoH/SMoH and partners planning reactive campaign in the three counties



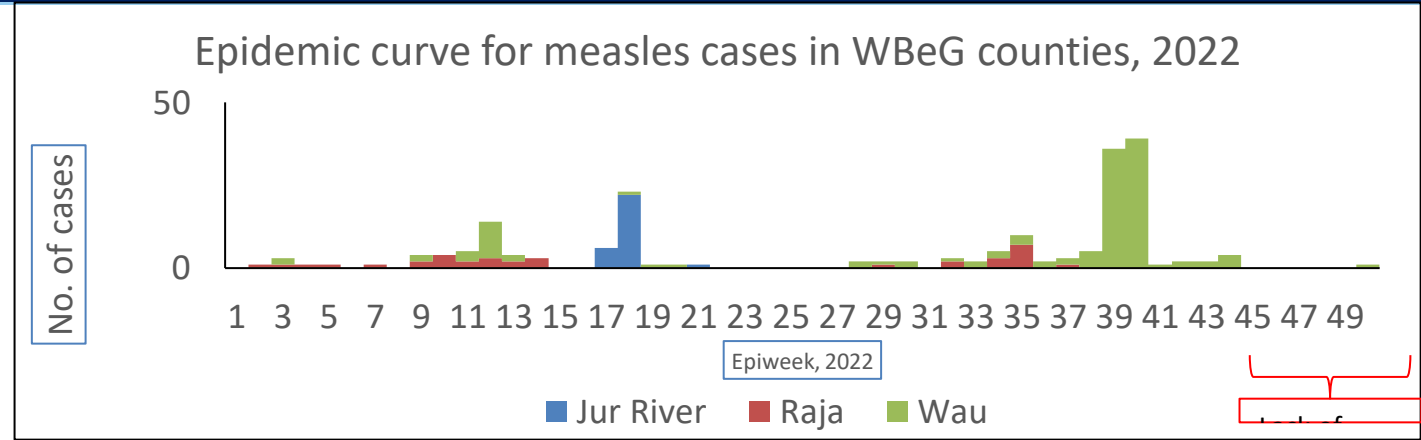
Onset of outbreak		County	Cases	Death	CFR %
Dates	Week				
16-Oct-22	42	Cueibet	122	8	6.6
23-Oct-22	43	Rumbek East	2	0	0.0
24-Oct-22	43	Wulu	6	0	0.0
25-Oct-22	43	Yirol West	186	4	2.2
05-Dec-22	49	Yirol East	48	0	0.0
Total			365	12	3.3

Age group	Male	Female	Total	Percentage (%)
0 - 11 months	30	28	58	15.9
1 - 4 yrs	138	87	225	61.6
5 - 9 yrs	20	22	42	11.5
10 - 14 yrs	9	3	12	3.3
15+ Yrs	13	15	28	7.7
Total	210	155	365	100.0

Measles outbreak in WBeG State

- Summary
 - 230 cases, 0 deaths reported from Jur River, Wau and Raja in 2022
 - 138 (60%) cases from Wau; 56 cases from Jur River; 36 cases from Raja
 - Majority (88.7%) of cases are children > 5 years
 - 87.8% (202 cases) cases have no history of measles vaccination

- Transmission appears to slow down; only 1 cases reported between week 45-50
 - Need to understand whether this is due to lack of reporting

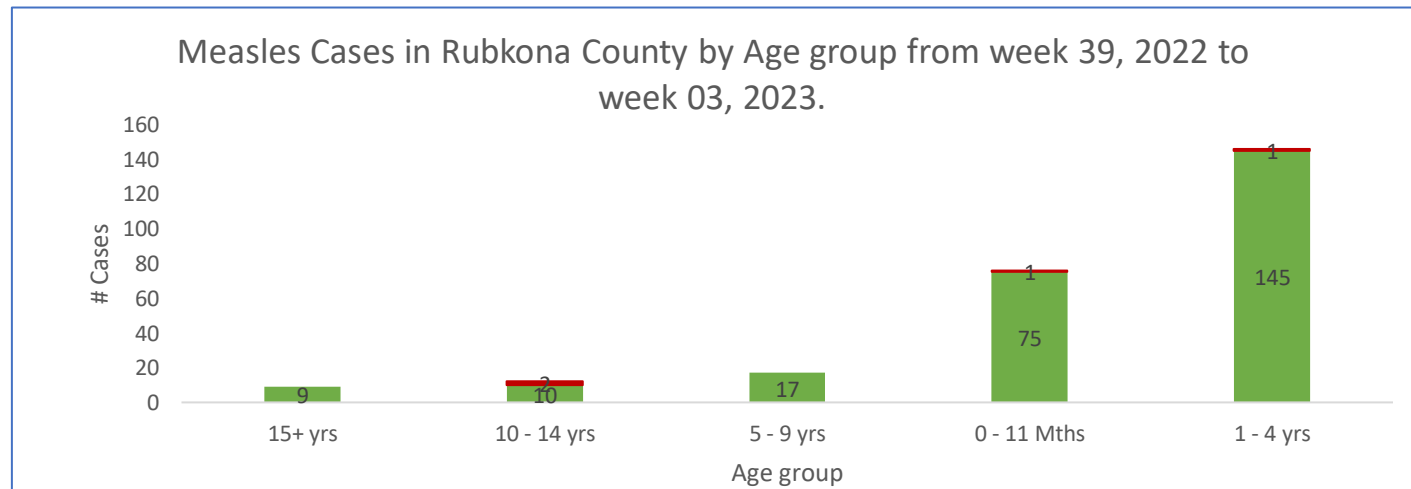
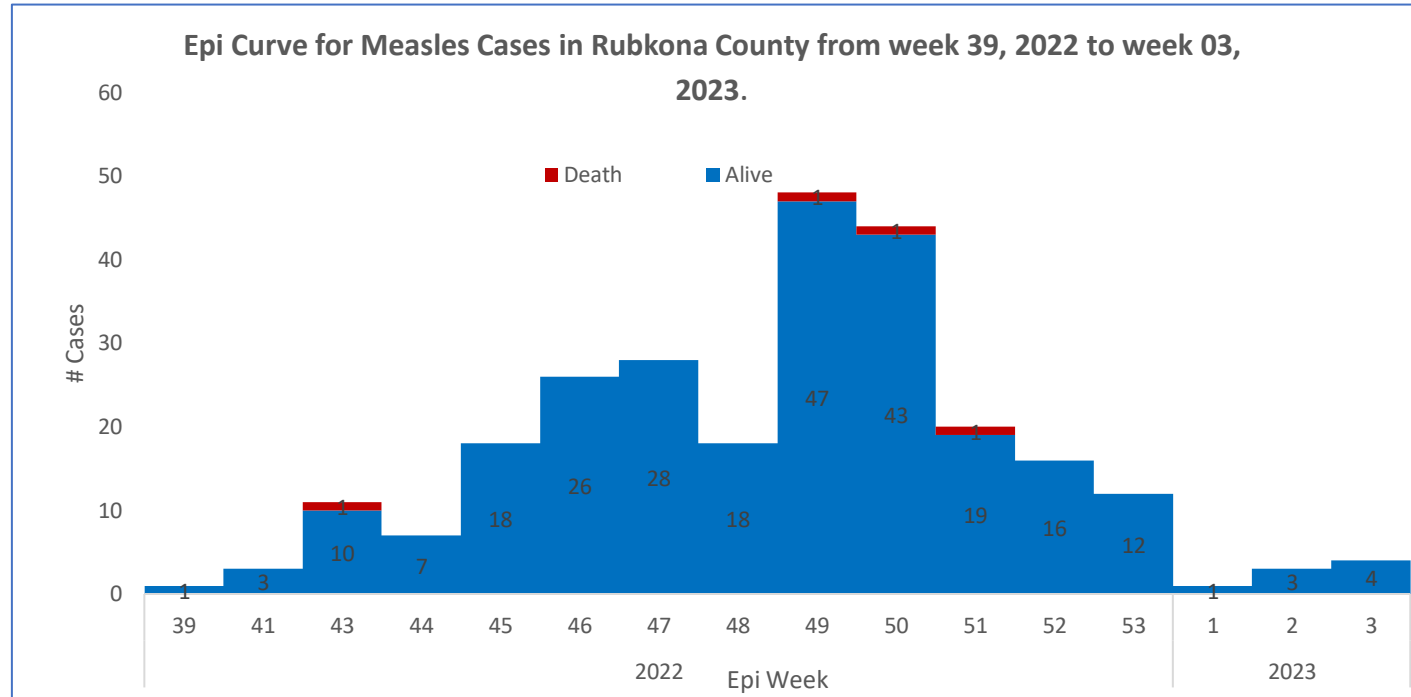


Age Groups	Jur River	Raja	Wau	Total	Prop, %
0-11 Months	1	13	137	151	65.7
1-4 yrs	34	18	1	53	23.0
5-9 yrs	20	2	0	22	9.6
10-14 yrs	1	2	0	3	1.3
15&>	0	1	0	1	0.4
Total	56	36	138	230	100.0



Epidemic curve of measles cases in Rubkona/Bentiu IDP Camp as of week 03, 2023

- Active transmission in Rubkona/Bentiu IDP Camp
 - Need for continued surveillance, line listing, case management and intensification of RI
- No updated LL received for Leer, Panyijjar
- Suspected cases were reported from Yida and samples were sent to Juba for testing
- Reactive measles vaccination campaign has been conducted in Rubkona county

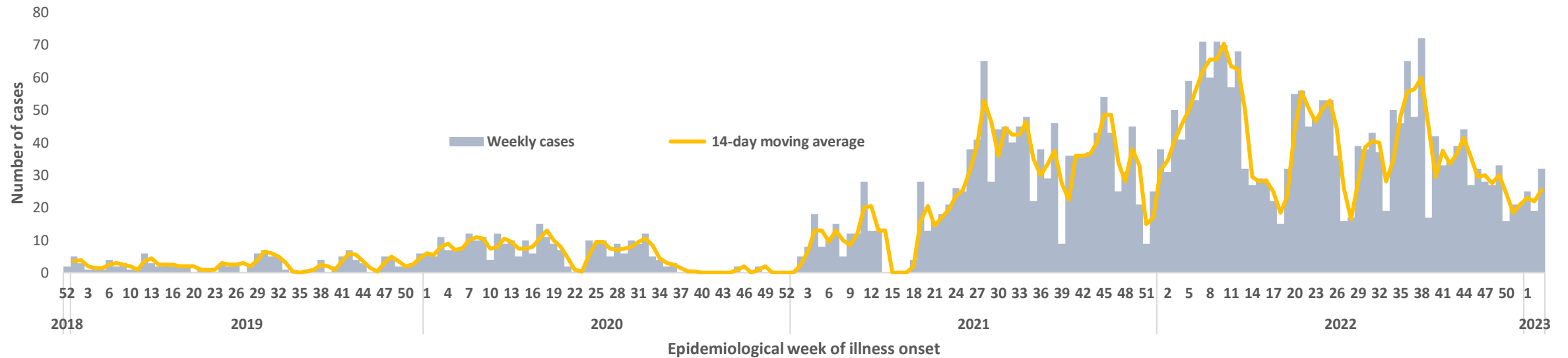


EVENT-BASED SURVEILLANCE



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

Hepatitis E Virus [HEV] cases in Bentiu IDP camp, wk 1, 2019 to wk 03, 2023



Descriptive epidemiology

- The persistent transmission of HEV in the Bentiu IDP camp continues with 3,841 cases since the beginning of 2019
- **32 new cases** were reported with zero deaths in week 3, 2023. The cumulative has reached **3,873 cases and 27 deaths** since the onset of the outbreak in 2018.
- HEV transmission has reduced from a peak of 60 cases every fortnight by week 8, 2021 to 32 cases every fortnight by week 03, 2023
- All the cases have been managed as outpatient cases except for seven cases that were admitted in 2020
- No death was reported in 2022
- 45% are female and 55% are male. Within the IDP camp, the sector-specific attack rates for HEV disease for the period week 3, 2022 are highest in sectors 3 and 5.



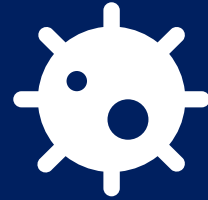
HEV response update

1. Multisectoral joint cholera and HEV response coordination at the state level; 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

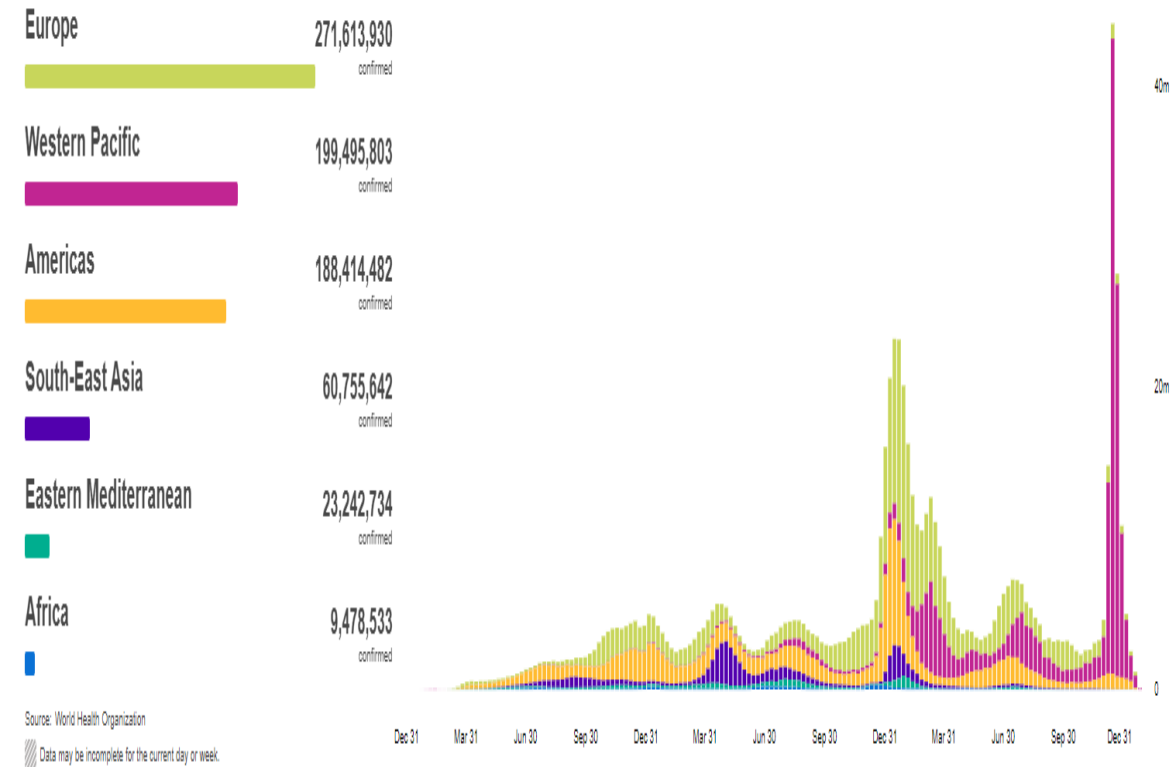
COVID-19 UPDATES





Situation update as of 30 January, 2023

- Globally, as of 30 January 2023, there have been **753,001,888** confirmed cases of COVID-19, including **6,807,572** deaths, reported to WHO. As of 23 January 2023, a total of **13,156,047,747** vaccine doses have been administered.
- In Africa, as of 20 January 2023 there have been **9,466,921** confirmed cases of COVID-19, including **175,177** deaths reported to the WHO
- In South Sudan, from 3 January 2020, to 30 January 2023, there have been **18,368** confirmed cases of COVID-19 with 138 deaths, reported to WHO. As of 14 January 2023, a total of **2,322,220** vaccine doses have been administered. **86,393** people vaccinated in **8** counties during the first of the COVAX campaign, reaching 76% of the coverage target
- Second round of the COVAX campaign has been launched and the campaign has commenced in most counties to cover the remaining 72 counties



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



**OVERALL
CONCLUSIONS AND
RECOMMENDATIONS**

Conclusions



- In week **03, 2023**, the IDSR reporting timeliness and completeness for IDSR has improved from both static and partners supported sites
- The IDSR performance has improved with only two counties of Upper Nile State (Melut and Renk) did not share reports in week **03, 2023**
- Of the 93 alerts reported in week **03, 2023**; the majority were for, **Measles (25)**, **AWD (20)**, **Malaria (13)**, **cholera (02)**, and **Guinea worm (01)**
- Measles outbreaks confirmed in more than **23 counties** since the beginning of the year 2022. A total of **3,581 cases** and **41 deaths** giving a **CFR of 1.14%** reported from all states as of **week 02, 2023**.
- Reactive vaccination campaign measles is concluded in three counties (Cuibet, Yirol East and West) of Lakes state
- Reports of measles cases from Rubkona county despite of reactive vaccination campaign conducted in January 2023 by a partner
- The persistent transmission of HEV in the Bentiu IDP camp continues with **3,873 cases** since the beginning of 2019 and **38 cases** reported in week **03 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.
- Support the multicluster HEV response strategy in the Bentiu IDP camp

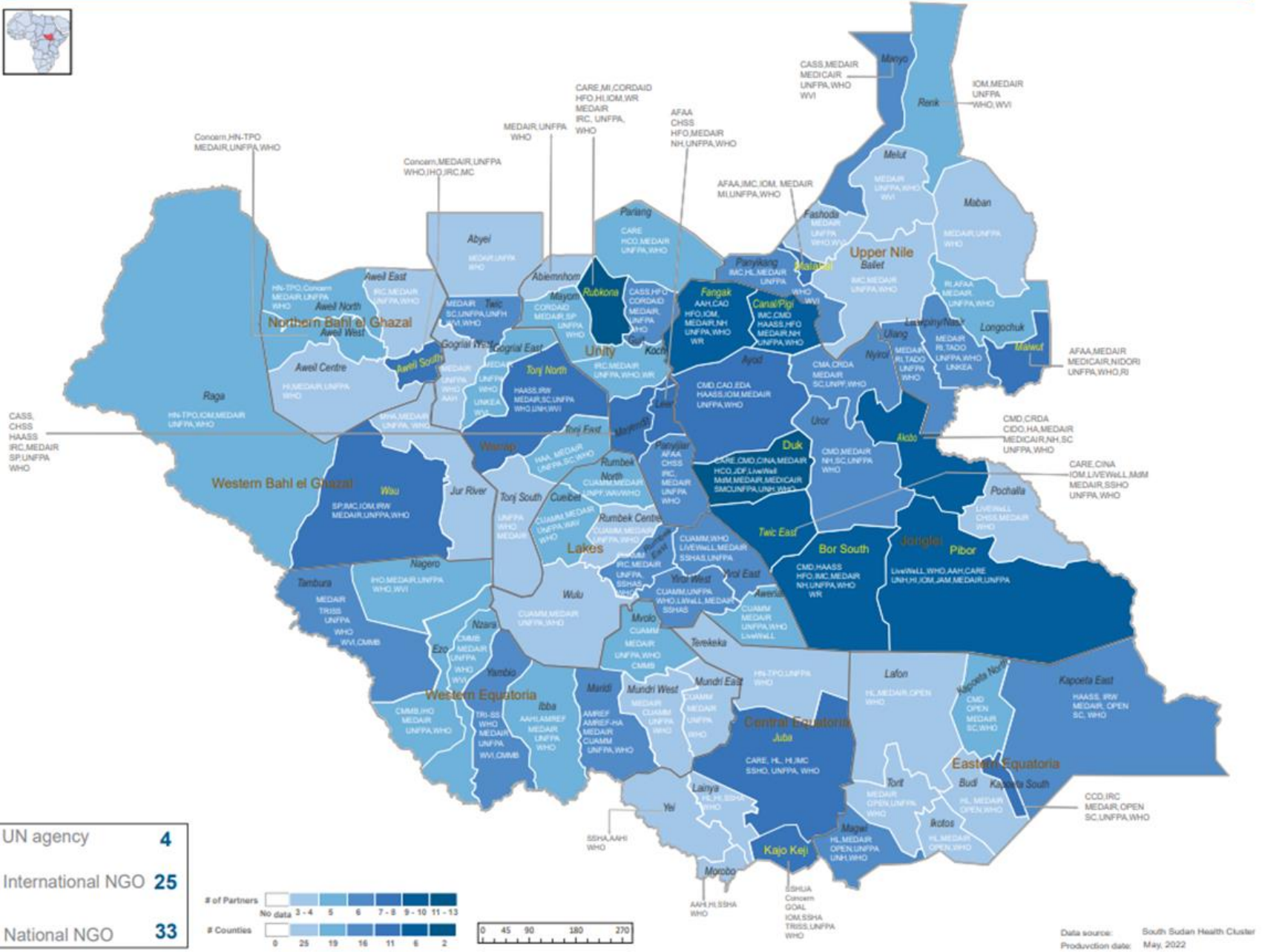


SR timeliness & completeness performance at county level for week 03 and 02 of 2023 (2)



STATE	COUNTY	Number of reporting sites	No. of HFs Reported on Time in WK 03	Timeliness Percentage of WK 03	No. of HFs Reported regardless of time in WK 03	Completeness Percentage of WK 03	No. of HFs Reported regardless of time in Wk 02	Completeness Percentage of WK 02	STATE	COUNTY	Number of reporting sites	No. of HFs Reported on Time in WK 03	Timeliness Percentage of WK 03	No. of HFs Reported regardless of time in WK 03	Completeness Percentage of WK 03	No. of HFs Reported regardless of time in WK 02	Completeness Percentage of WK 02
Jonglei	Pochalla	7	7	100%	7	100%	7	100%	Warrap	Gogrial East	15	15	100%	15	100%	12	80%
Jonglei	Akobo	8	8	100%	8	100%	4	50%	Warrap	Abyei	9	9	100%	9	100%	9	100%
Jonglei	Fangak	19	18	95%	17	89%	5	26%	Warrap	Tonj South	12	12	100%	12	100%	12	100%
EES	Kapoeta South	10	9	90%	0	0%	9	90%	Upper Nile	Longechuk	9	9	100%	9	100%	9	100%
Jonglei	Duk	15	13	87%	11	73%	13	87%	Upper Nile	Akoka	5	5	100%	5	100%	5	100%
EES	Lopa Lafon	18	15	83%	1	6%	15	83%	Warrap	Twic	26	25	96%	25	96%	22	85%
Jonglei	Twic East	11	9	82%	11	100%	0	0%	Warrap	Tonj East	12	11	92%	11	92%	12	100%
EES	Budi	21	16	76%	5	24%	17	81%	Warrap	Tonj North	19	15	79%	15	79%	15	79%
Jonglei	Canal Pigi	12	9	75%	10	83%	10	83%	Warrap	Gogrial West	31	23	74%	23	74%	31	100%
EES	Magwi	22	16	73%	6	27%	17	77%	Upper Nile	Panyikang	3	2	67%	2	67%	2	67%
EES	Kapoeta North	16	10	63%	0	0%	10	63%	Upper Nile	Makal	7	4	57%	6	86%	7	100%
Jonglei	Ayod	15	9	60%	10	67%	0	0%	Upper Nile	Manyo	11	6	55%	6	55%	6	55%
EES	Ikotos	27	16	59%	17	63%	19	70%	Upper Nile	Ulang	14	6	43%	9	64%	9	64%
EES	Kapoeta East	12	7	58%	0	0%	7	58%	Upper Nile	Maban	17	7	41%	12	71%	13	76%
EES	Torit	20	11	55%	1	5%	11	55%	Upper Nile	Fashoda	16	5	31%	5	31%	5	31%
Jonglei	Bor	35	19	54%	9	26%	19	54%	Upper Nile	Baliet	4	1	25%	1	25%	3	75%
Jonglei	Pibor	9	2	22%	7	78%	2	22%	Upper Nile	Luakpiny Nasir	12	1	8%	10	83%	7	58%
Jonglei	Uror	8	1	13%	4	50%	1	13%	Upper Nile	Maiwut	5	0	0%	5	100%	5	100%
Jonglei	Nyirrol	10	1	10%	10	100%	1	10%	Upper Nile	Renk	11	0	0%	0	0%	0	0%
									Upper Nile	Melut	8	0	0%	0	0%	0	0%

South Sudan Health Cluster HRP Partners 2022



Thanks to the State Surveillance Officers, County Surveillance Officers and Health Facility in-charges for sharing the weekly IDSR data

Thanks to all partners for supporting IDSR weekly reporting and sharing the line lists

To access the IDSR bulletins for 2022 use the link below:

<https://www.afro.who.int/publications/south-sudan-weekly-disease-surveillance-bulletin-2022>